

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008417.D
 Acq On : 25 Mar 2019 17:47
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:03 AM

Quant Time: Mar 26 08:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	169372	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	126871	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	8.71	98	512479	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	198108	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135025	49.638	ug/l	99
3) Chloromethane	1.32	50	180040	52.479	ug/l	100
4) Vinyl Chloride	1.40	62	184533	48.586	ug/l	99
5) Bromomethane	1.64	94	99385	49.862	ug/l	99
6) Chloroethane	1.71	64	113259	50.338	ug/l	99
7) Trichlorofluoromethane	1.92	101	213355	49.600	ug/l	97
8) Diethyl Ether	2.18	74	99170	48.715	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134611	51.780	ug/l	100
10) Methyl Iodide	2.51	142	130560	51.482	ug/l	99
11) Tert butyl alcohol	3.05	59	180481	232.838	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132532	49.364	ug/l	95
13) Acrolein	2.29	56	187633	333.334	ug/l	99
14) Allyl chloride	2.72	41	291488	49.281	ug/l	100
15) Acrylonitrile	3.14	53	456386	224.539	ug/l	100
16) Acetone	2.44	43	424517	232.161	ug/l	99
17) Carbon Disulfide	2.56	76	399412	44.847	ug/l	99
18) Methyl Acetate	2.77	43	195756	44.574	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	484812	50.111	ug/l	99
20) Methylene Chloride	2.85	84	156432	52.449	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	140440	52.510	ug/l	99
22) Diisopropyl ether	3.85	45	575594	49.421	ug/l	93
23) Vinyl Acetate	3.81	43	2543739	250.343	ug/l	99
24) 1,1-Dichloroethane	3.69	63	291004	49.492	ug/l	99
25) 2-Butanone	4.67	43	678183	231.344	ug/l	100
26) 2,2-Dichloropropane	4.58	77	209208	53.495	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	162761	49.577	ug/l	99
28) Bromochloromethane	5.01	49	136013	46.822	ug/l	100
29) Tetrahydrofuran	5.12	42	427718	221.379	ug/l	100
30) Chloroform	5.21	83	263972	49.746	ug/l	98
31) Cyclohexane	5.57	56	287096	51.195	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	217365	51.247	ug/l	100
36) 1,1-Dichloropropene	5.79	75	211354	52.345	ug/l	100
37) Ethyl Acetate	4.83	43	256851	49.103	ug/l	100
38) Carbon Tetrachloride	5.78	117	182699	54.219	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	270411	56.039	ug/l	99
40) Benzene	6.14	78	628732	52.013	ug/l	100
41) Methacrylonitrile	5.04	41	145976	49.659	ug/l	99
42) 1,2-Dichloroethane	6.19	62	222251	50.217	ug/l	100
43) Isopropyl Acetate	6.44	43	422746	50.527	ug/l	100
44) Trichloroethene	7.21	130	146180	51.504	ug/l	98
45) 1,2-Dichloropropane	7.51	63	178950	52.083	ug/l	99
46) Dibromomethane	7.66	93	102488	51.081	ug/l	99
47) Bromodichloromethane	7.90	83	208695	54.343	ug/l	98
48) Methyl methacrylate	7.77	41	218358	52.159	ug/l	99
49) 1,4-Dioxane	7.74	88	79636	956.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1375652	253.144	ug/l	100
52) Toluene	8.78	92	383882	53.112	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	239684	56.981	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	266309	55.676	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151953	51.646	ug/l	99
56) Ethyl methacrylate	9.18	69	285883	53.829	ug/l	100
57) 1,3-Dichloropropane	9.37	76	271779	51.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	566725	206.435	ug/l	99
59) 2-Hexanone	9.49	43	1075851	255.500	ug/l	100
60) Dibromochloromethane	9.58	129	155825	55.690	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157268	52.378	ug/l	100
64) Tetrachloroethene	9.34	164	122786	52.315	ug/l	98
65) Chlorobenzene	10.13	112	395436	52.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	139811	53.750	ug/l	99
67) Ethyl Benzene	10.25	91	752441	52.881	ug/l	100
68) m/p-Xylenes	10.36	106	548355	105.934	ug/l	99
69) o-Xylene	10.69	106	265514	52.856	ug/l	100
70) Styrene	10.71	104	476099	54.868	ug/l	99
71) Bromoform	10.85	173	112960	54.990	ug/l	# 100
73) Isopropylbenzene	11.02	105	720019	51.128	ug/l	100
74) N-amyl acetate	10.90	43	411937	50.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	255994	46.850	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	218226m	42.405	ug/l	
77) Bromobenzene	11.26	156	169942	49.721	ug/l	99
78) n-propylbenzene	11.36	91	867427	52.581	ug/l	100
79) 2-Chlorotoluene	11.42	91	506723	50.500	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	619330	52.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86606	53.901	ug/l	99
82) 4-Chlorotoluene	11.51	91	598790	51.734	ug/l	100
83) tert-Butylbenzene	11.77	119	598641	52.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621801	51.635	ug/l	99
85) sec-Butylbenzene	11.94	105	726314	53.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	656556	54.394	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	312168	51.118	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	314589	51.044	ug/l	100
89) n-Butylbenzene	12.38	91	645743	56.474	ug/l	100
90) Hexachloroethane	12.60	117	111158	55.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	308684	50.476	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54851	46.039	ug/l	98

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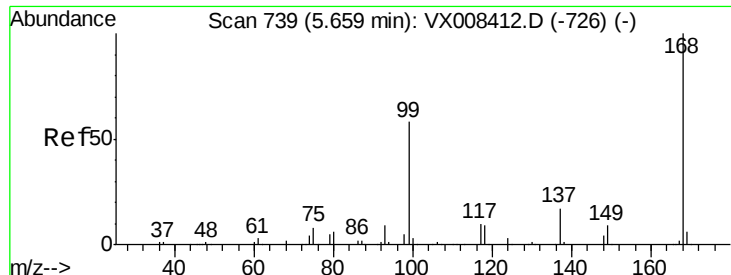
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220895	53.651	ug/l	99
94) Hexachlorobutadiene	13.78	225	107861	55.171	ug/l	99
95) Naphthalene	13.83	128	697389	49.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	215404	52.064	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion:168 Resp: 230773

Ion Ratio Lower Upper

168 100

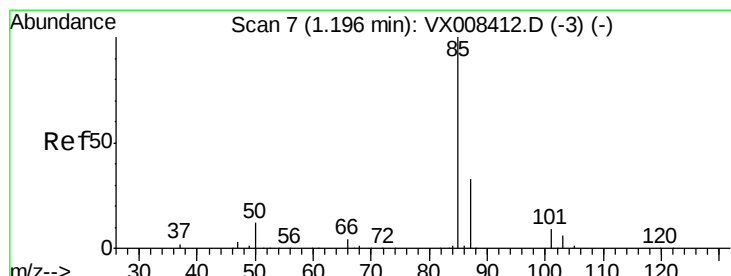
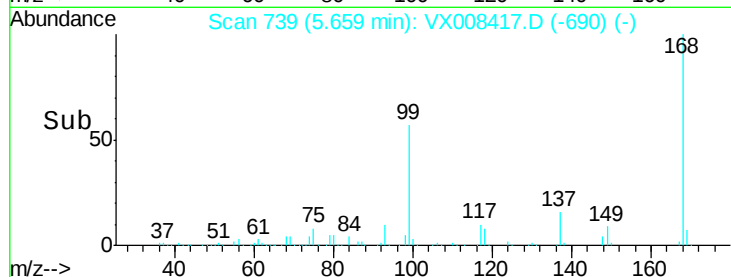
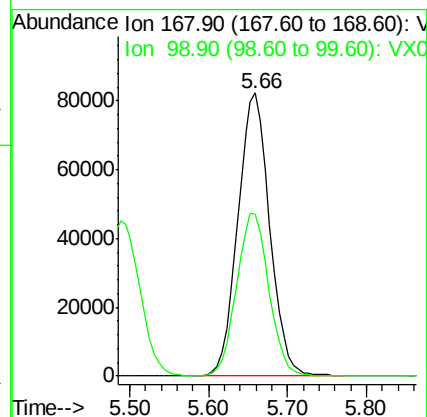
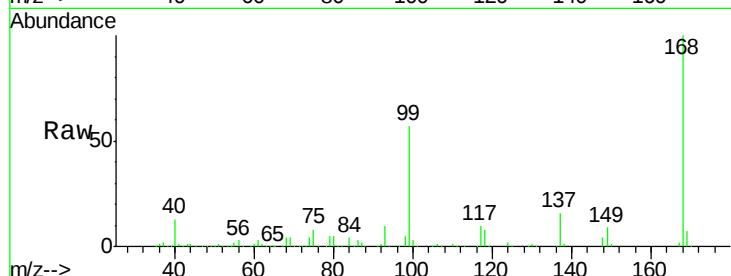
99 56.9 46.0 69.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.638 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008417.D

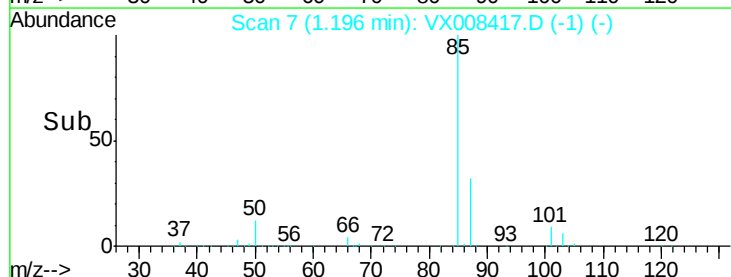
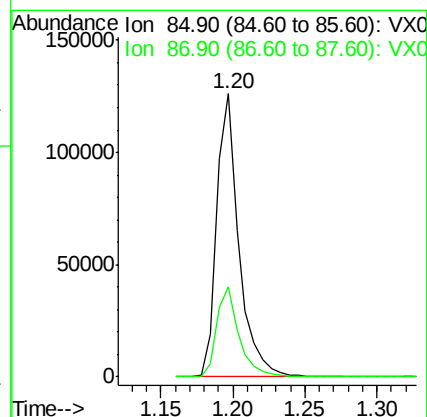
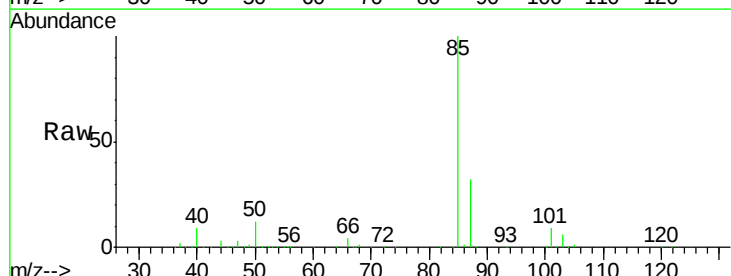
Acq: 25 Mar 2019 17:47

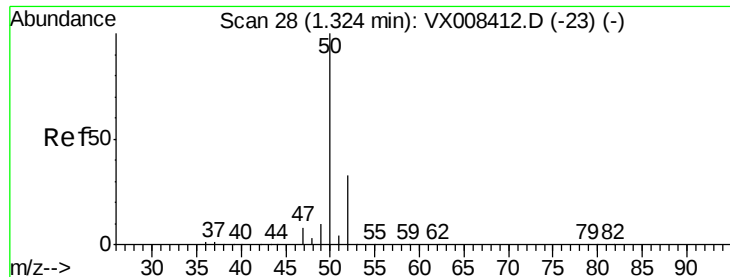
Tgt Ion: 85 Resp: 135025

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1





#3

Chloromethane

Concen: 52.479 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 50 Resp: 180040

Ion Ratio Lower Upper

50 100

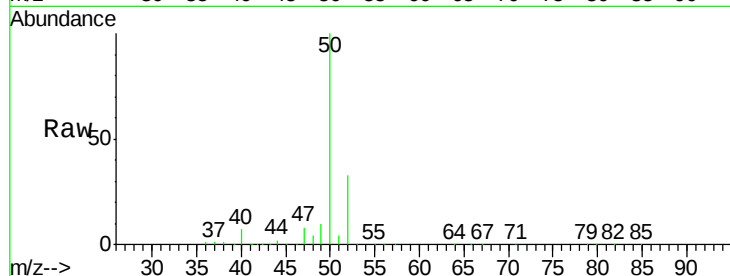
52 32.6 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

200000

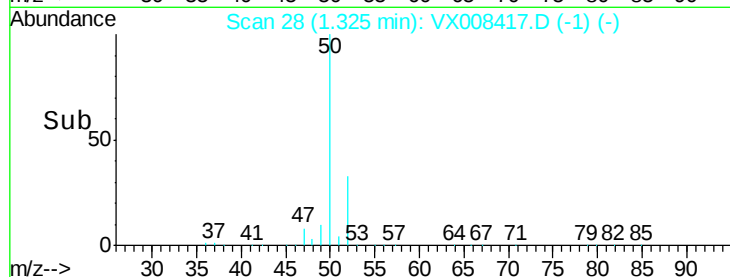
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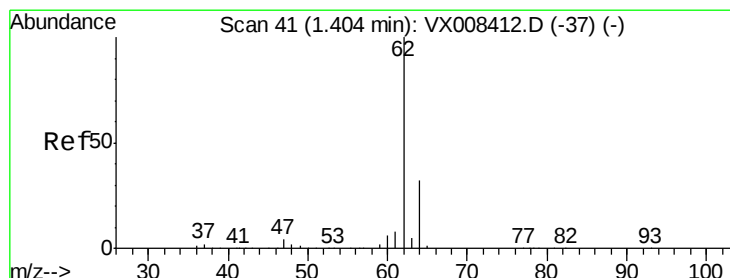
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 48.586 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008417.D

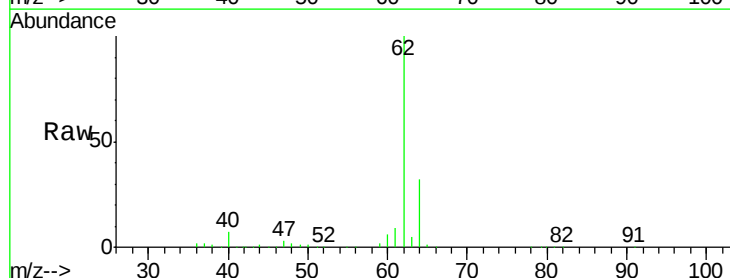
Acq: 25 Mar 2019 17:47

Tgt Ion: 62 Resp: 184533

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

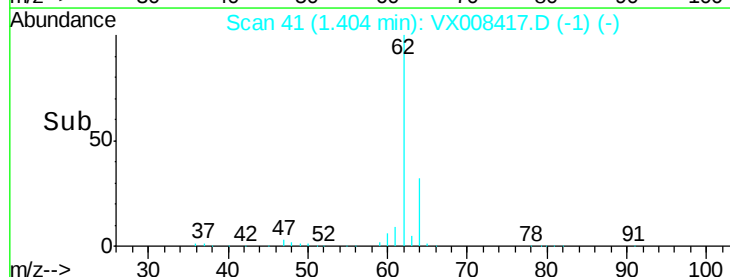
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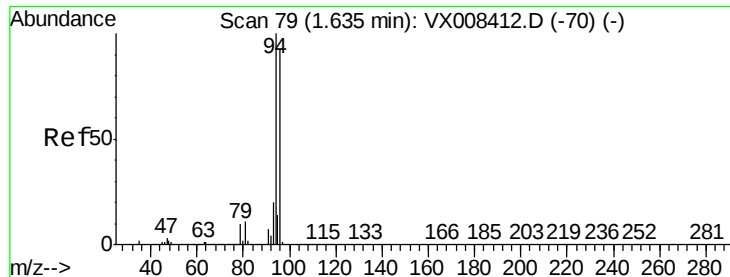
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.862 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 94 Resp: 99385

Ion Ratio Lower Upper

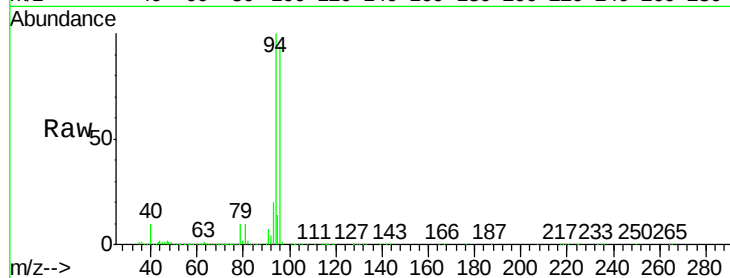
94 100

96 94.4 74.8 112.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

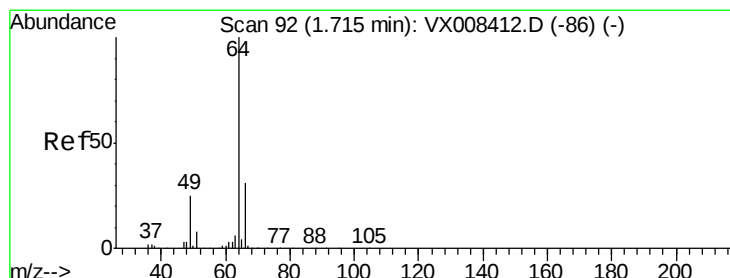
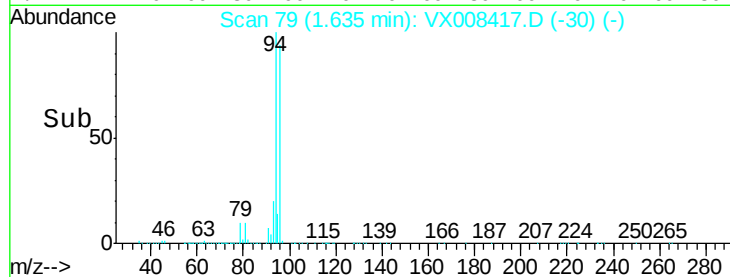
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0

1.64

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 50.338 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008417.D

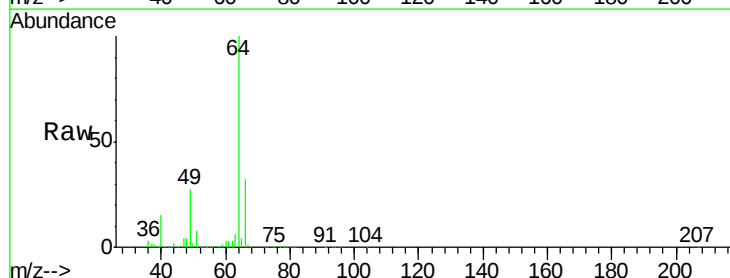
Acq: 25 Mar 2019 17:47

Tgt Ion: 64 Resp: 113259

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

40000

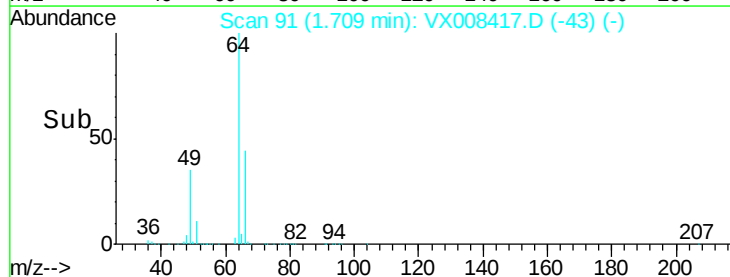
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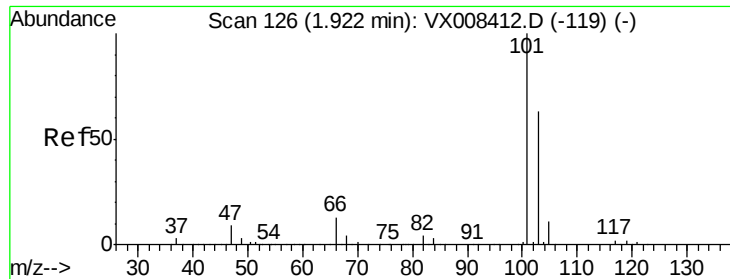
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1.71

1.60 1.70 1.80

Time-->





#7

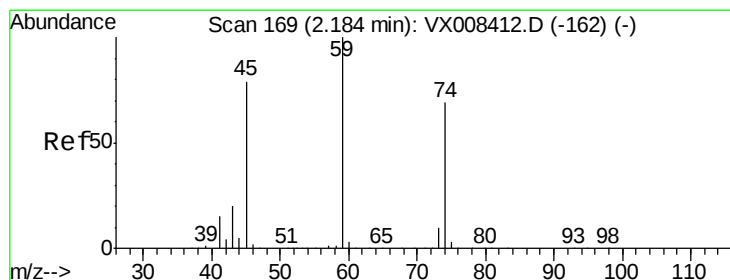
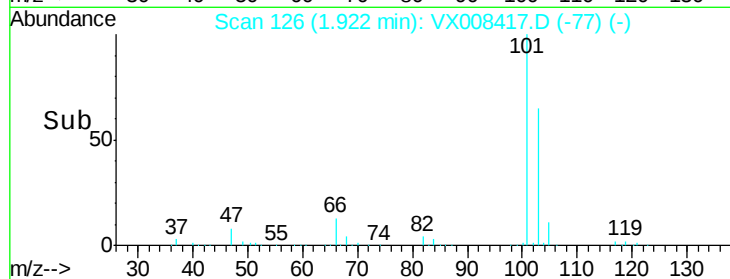
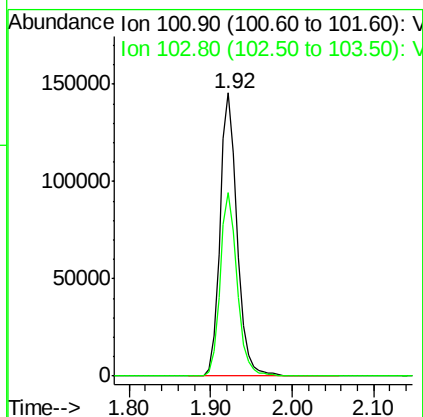
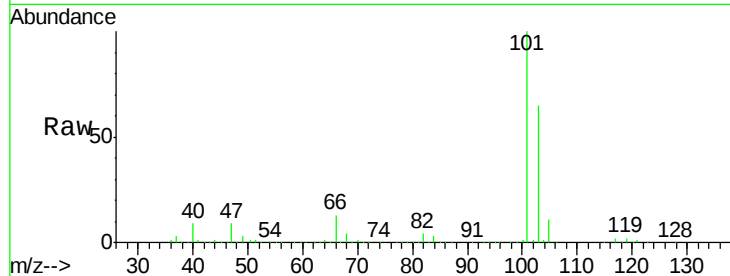
Trichlorofluoromethane
Concen: 49.600 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion:101 Resp: 213355
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.4

Manual Integrations
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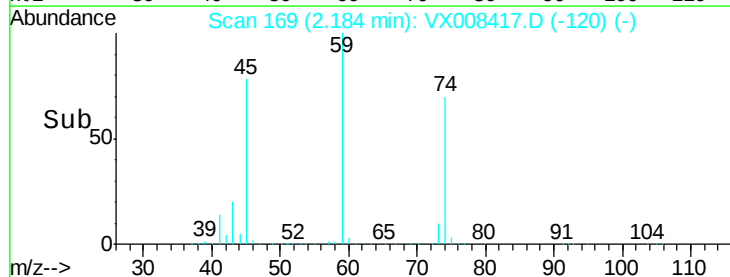
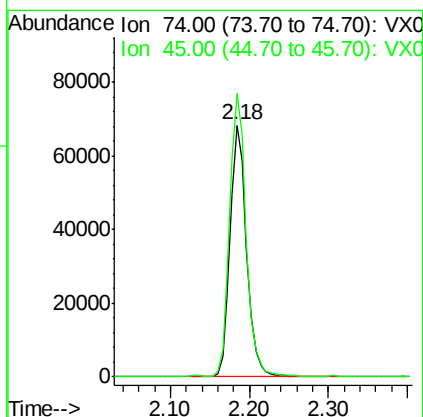
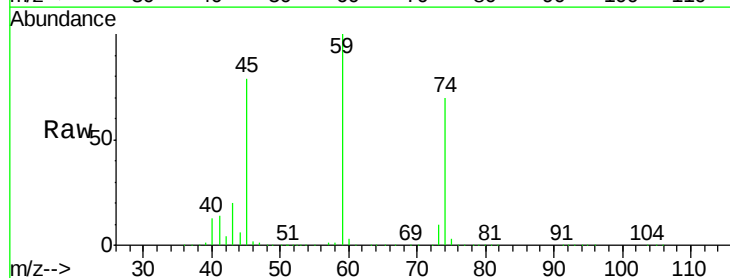
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3/27/2019 8:56:03 AM

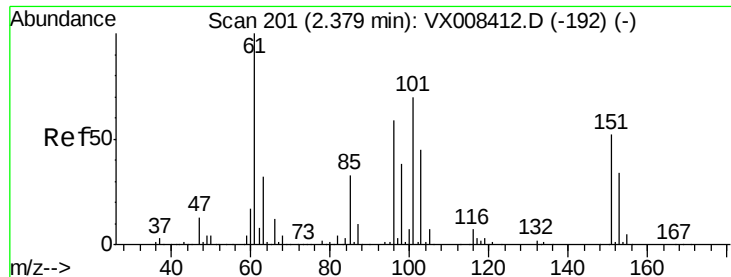


#8

Diethyl Ether
Concen: 48.715 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 74 Resp: 99170
Ion Ratio Lower Upper
74 100
45 111.9 56.4 169.2





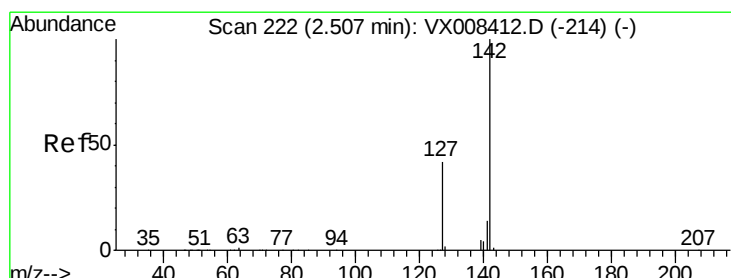
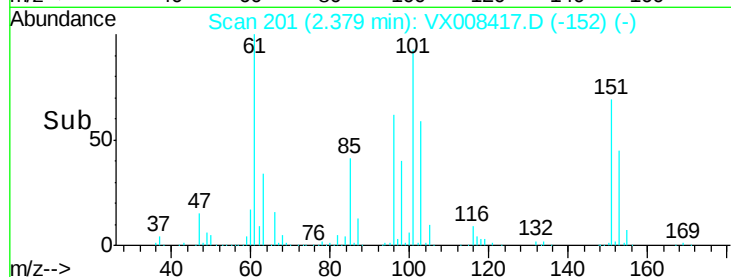
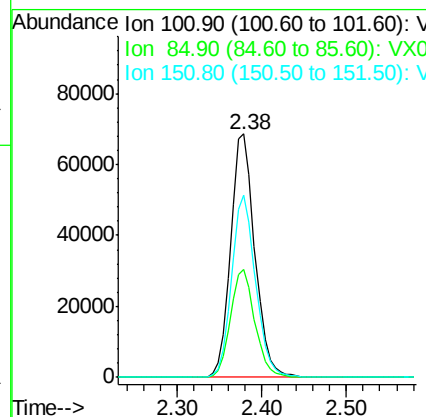
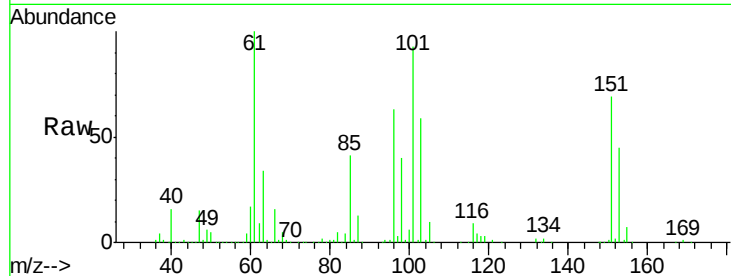
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.780 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	134611		
85	44.9	36.0	54.0	
151	74.2	59.2	88.8	

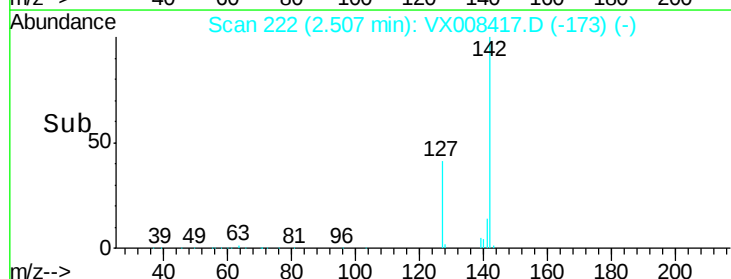
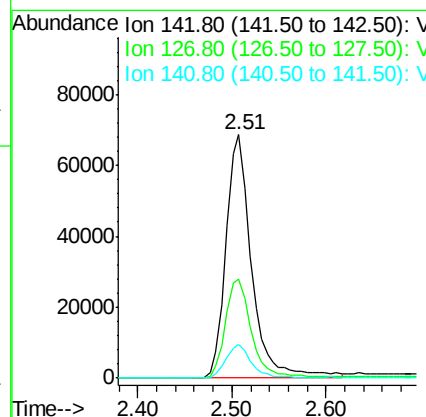
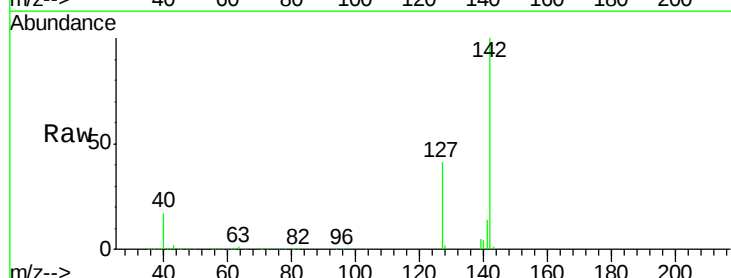
Manual Integrations
APPROVED

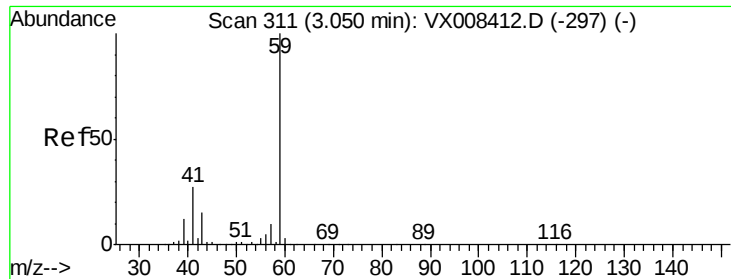
MMDadoda
3/27/2019 8:56:03 AM



#10
Methyl Iodide
Concen: 51.482 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	130560		
127	41.2	33.6	50.4	
141	13.7	11.3	16.9	





#11

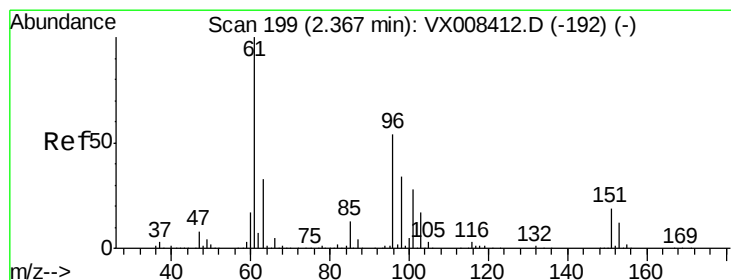
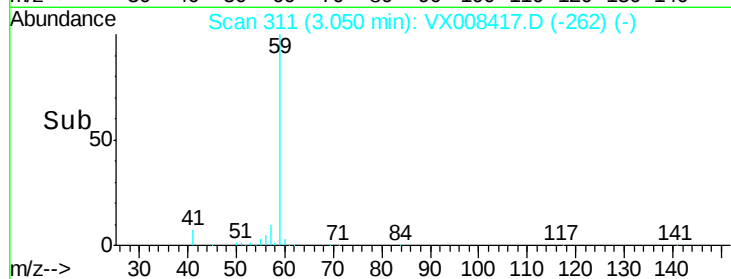
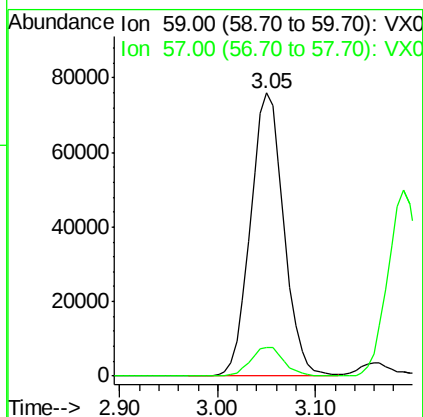
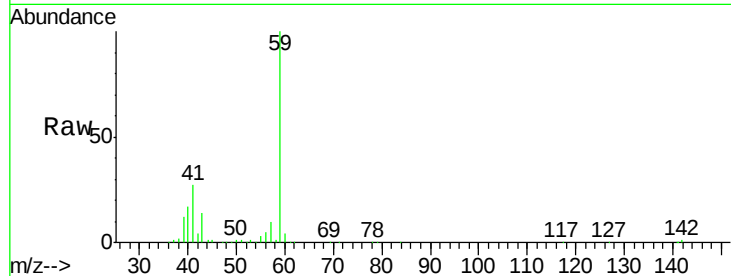
Tert butyl alcohol
 Concen: 232.838 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	59	Resp	180481
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.4

Manual Integrations
 APPROVED

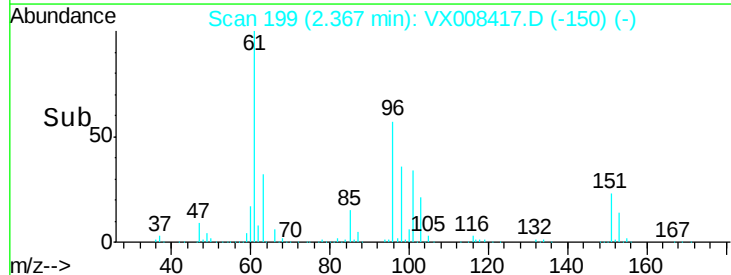
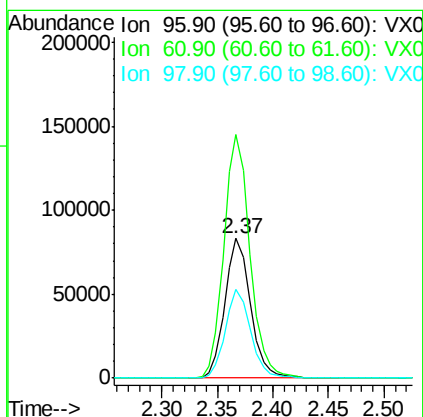
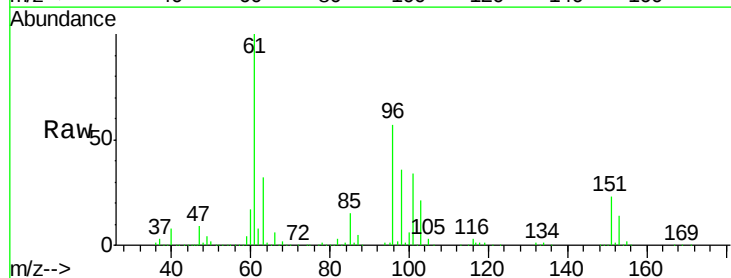
MMDadoda
 3/27/2019 8:56:03 AM

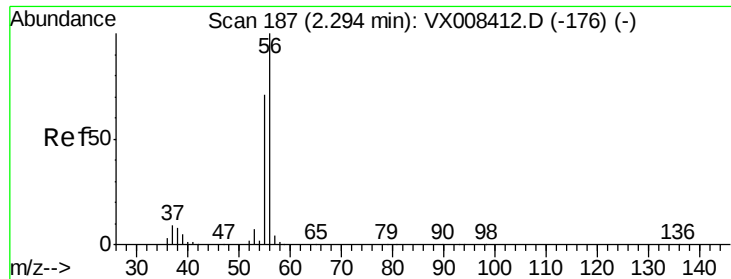


#12

1,1-Dichloroethene
 Concen: 49.364 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	96	Resp	132532
Ion Ratio	100	Lower	Upper
61	174.9	146.9	220.3
98	63.7	50.1	75.1





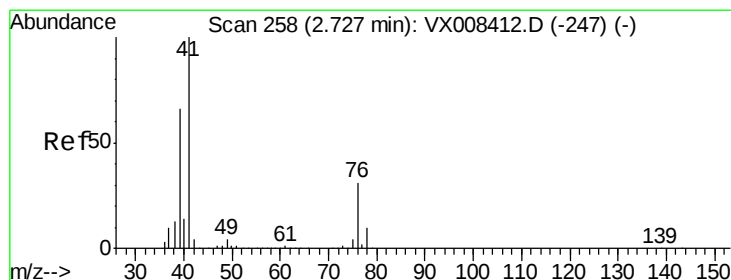
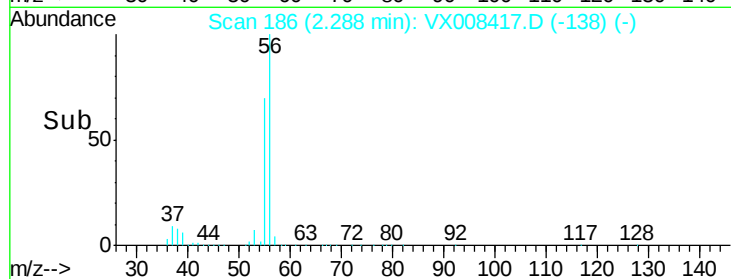
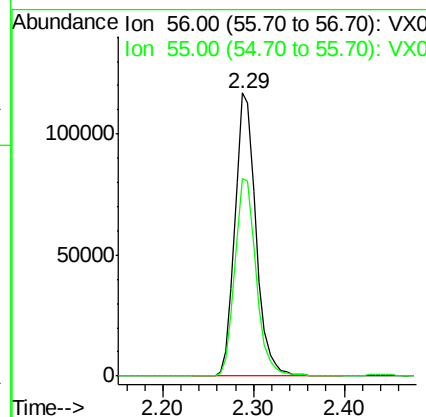
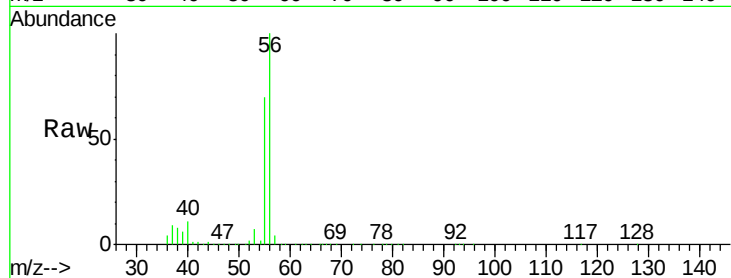
#13
Acrolein
Concen: 333.334 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.5	84.7

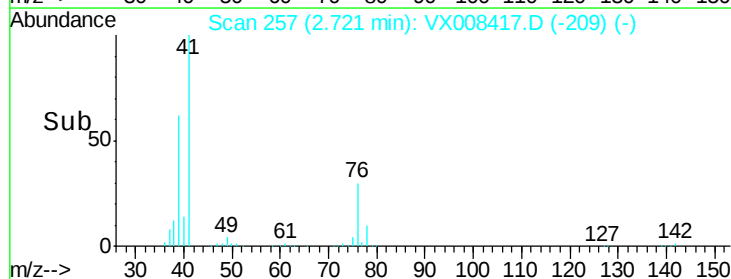
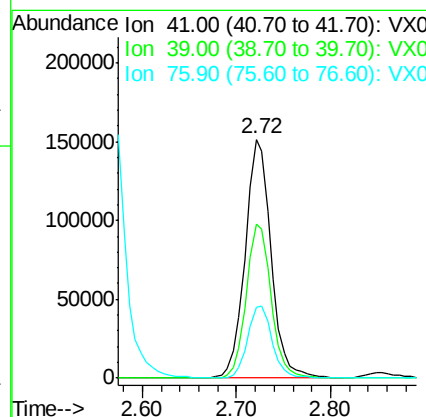
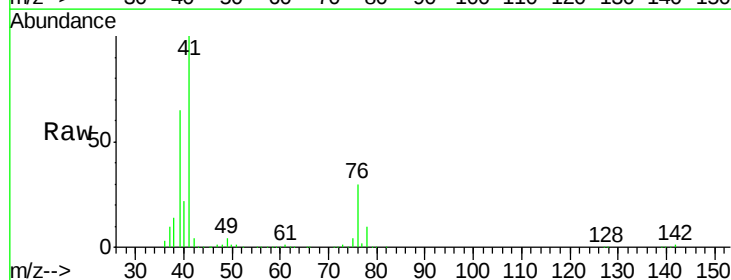
Manual Integrations
APPROVED

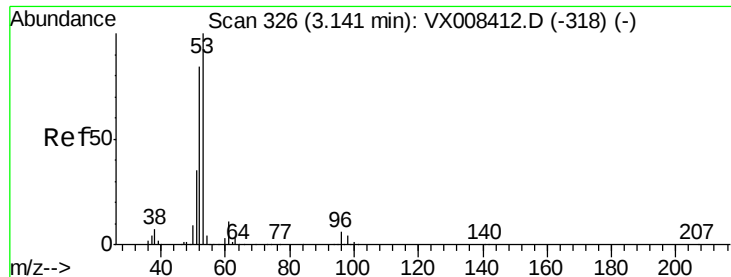
MMDadoda
3/27/2019 8:56:03 AM



#14
Allyl chloride
Concen: 49.281 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.0	49.6	74.4
76	28.9	22.6	34.0





#15

Acrylonitrile

Concen: 224.539 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

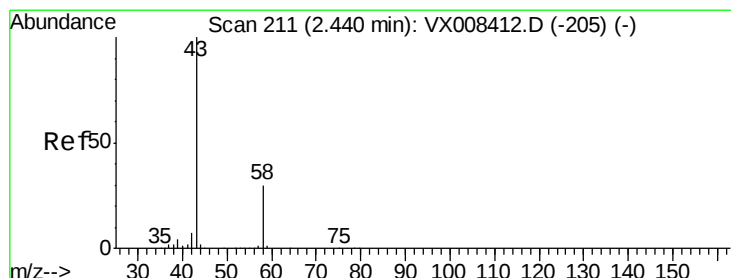
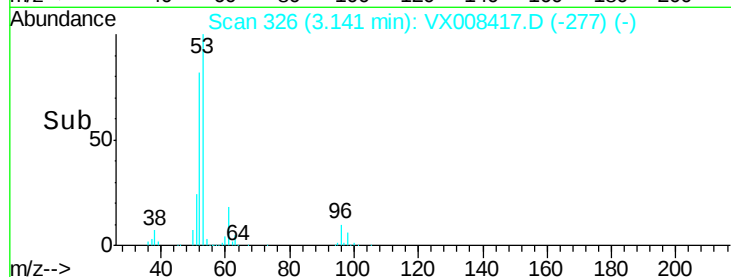
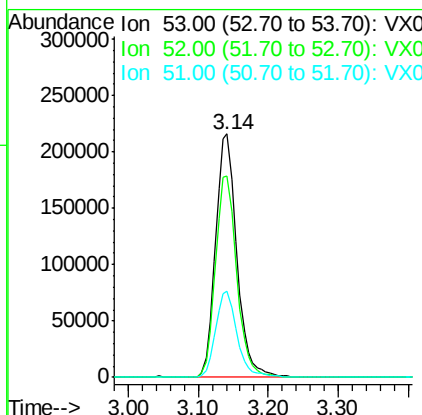
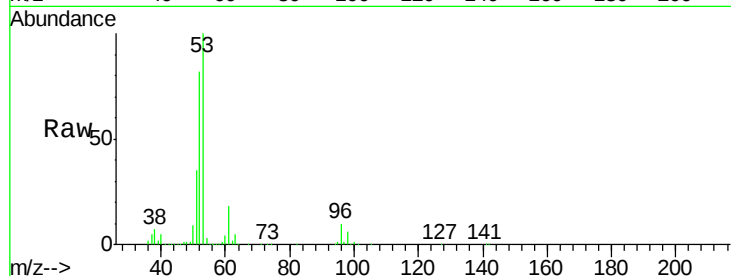
ClientSampleId :

ICVVX032519

Tot Ion:	53	Resp:	456386
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.8	28.3	42.5

Manual Integrations
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MMDadoda
3/27/2019 8:56:03 AM



#16

Acetone

Concen: 232.161 ug/l

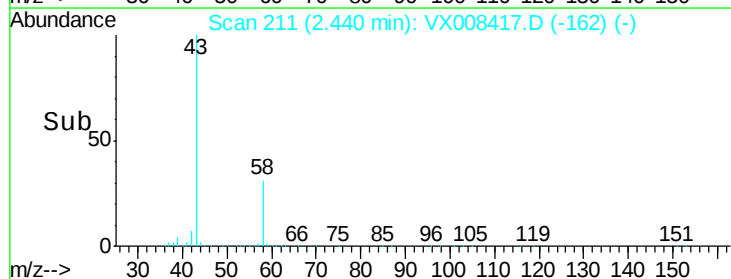
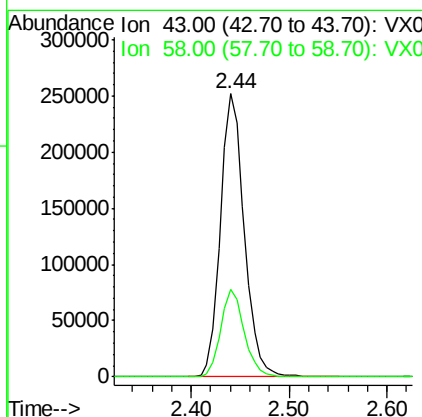
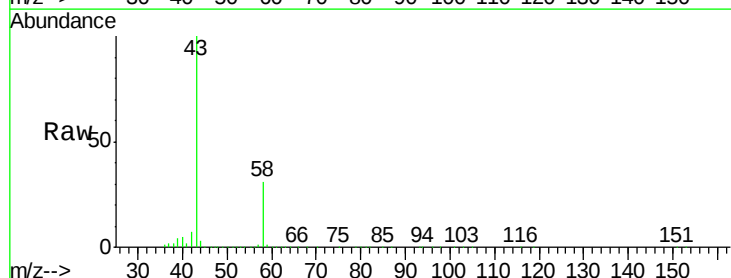
RT: 2.44 min Scan# 211

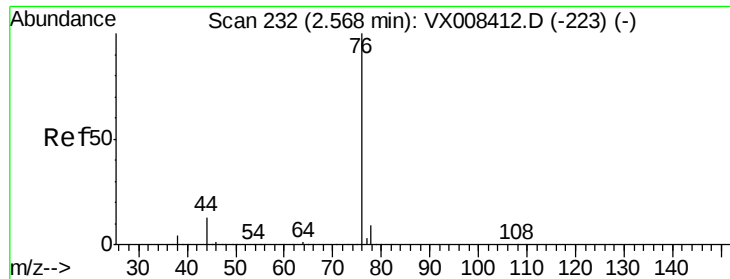
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion:	43	Resp:	424517
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.2	36.2





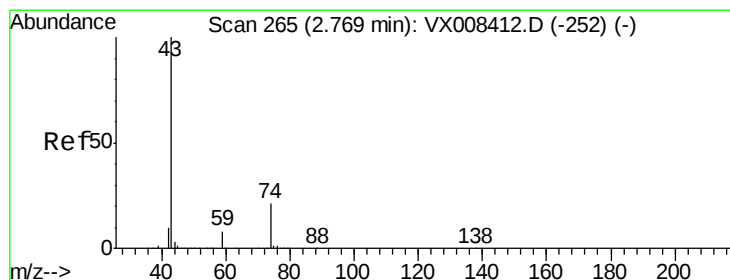
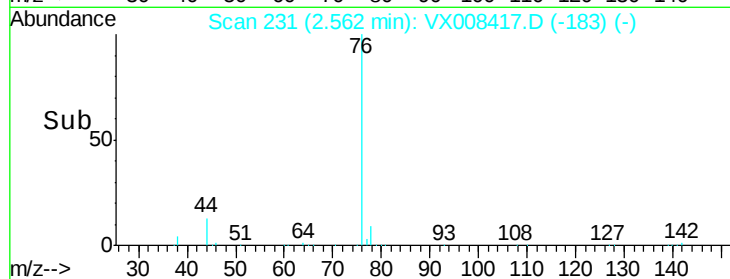
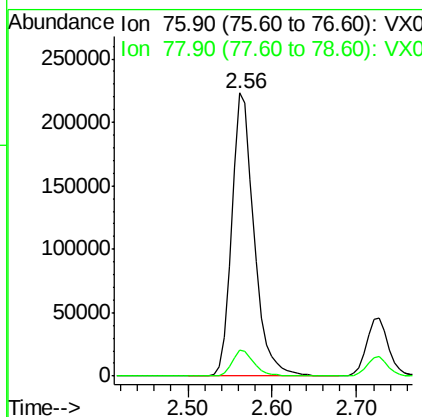
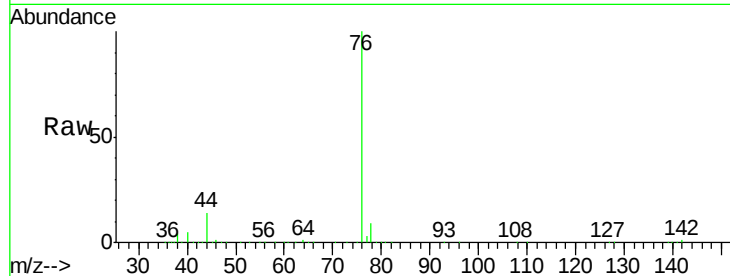
#17
Carbon Disulfide
Concen: 44.847 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

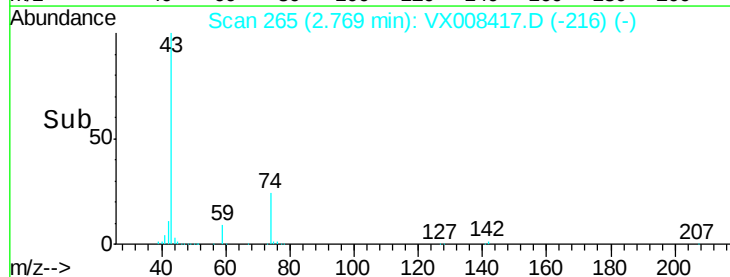
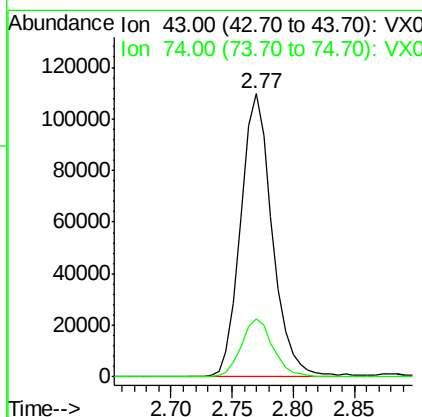
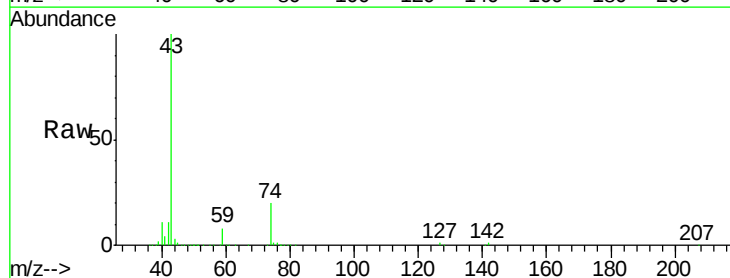
Manual Integrations
APPROVED

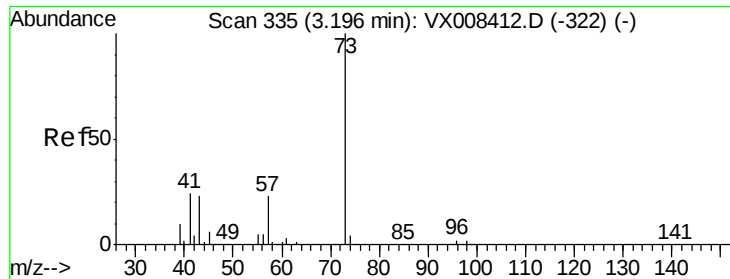
MMDadoda
3/27/2019 8:56:03 AM



#18
Methyl Acetate
Concen: 44.574 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





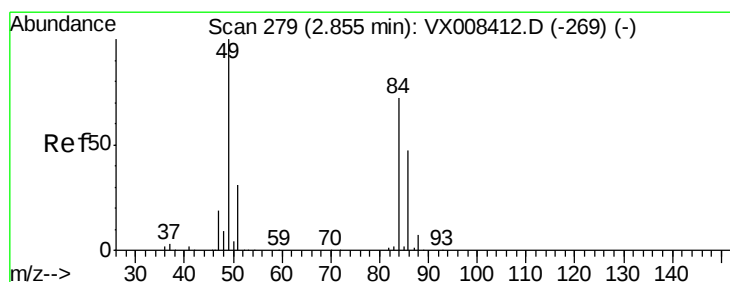
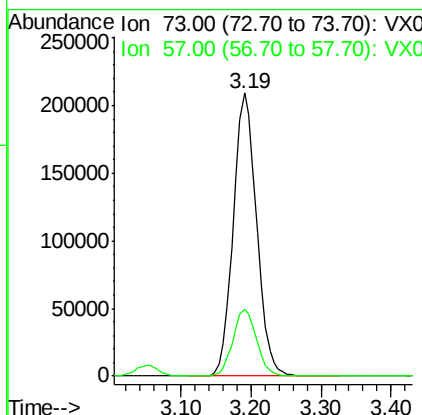
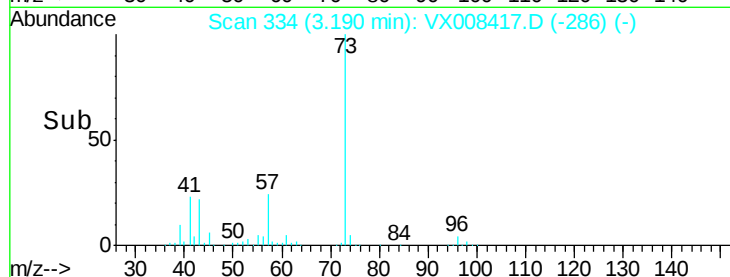
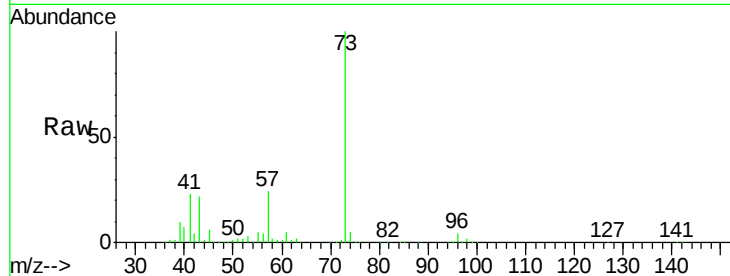
#19
Methvl tert-butvl Ether
Concen: 50.111 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion: 73 Resp: 484812
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0

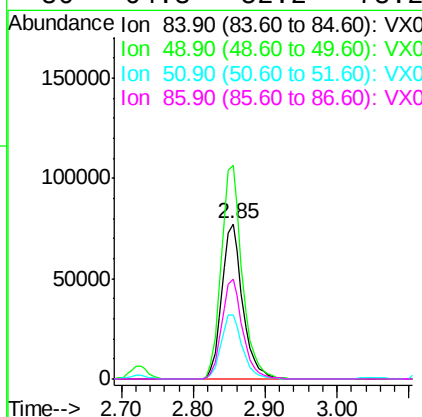
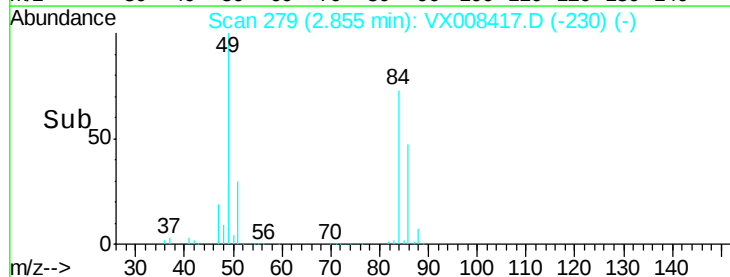
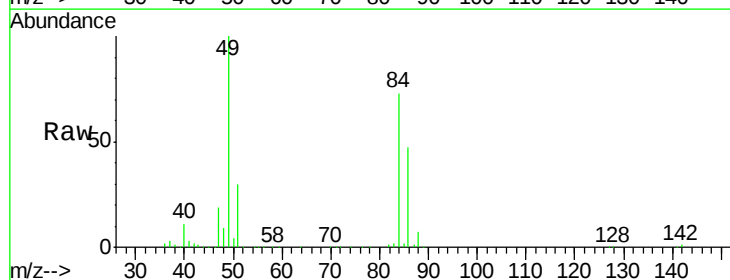
Manual Integrations
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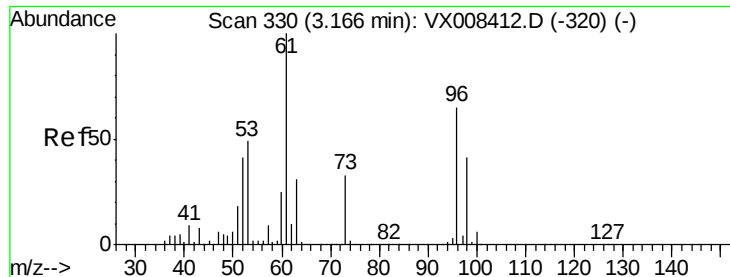
MMDadoda
3/27/2019 8:56:03 AM



#20
Methylene Chloride
Concen: 52.449 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 84 Resp: 156432
Ion Ratio Lower Upper
84 100
49 137.8 110.6 165.8
51 41.5 33.9 50.9
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.510 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 96 Resp: 140440

Ion Ratio Lower Upper

96 100

61 154.8 122.6 184.0

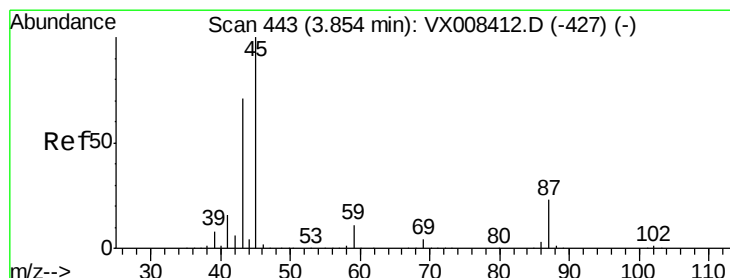
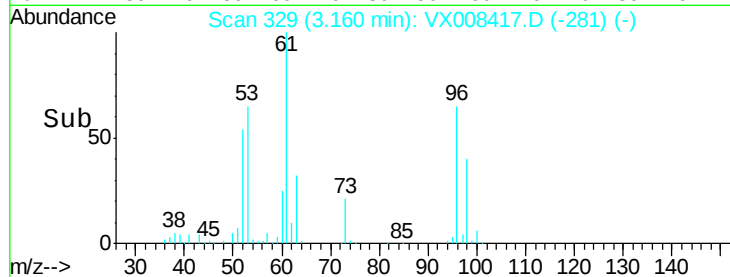
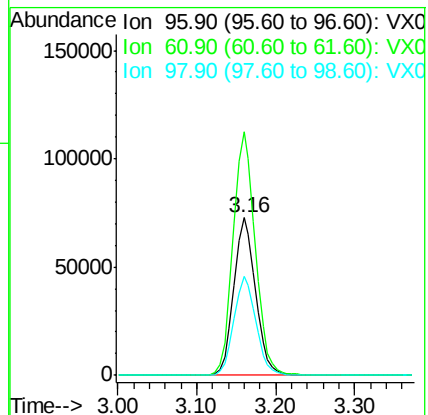
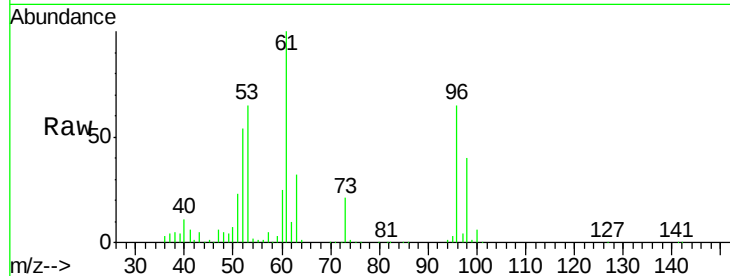
98 62.5 50.9 76.3

Manual Integrations

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MMDadoda

3/27/2019 8:56:03 AM



#22

Diisopropyl ether

Concen: 49.421 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion: 45 Resp: 575594

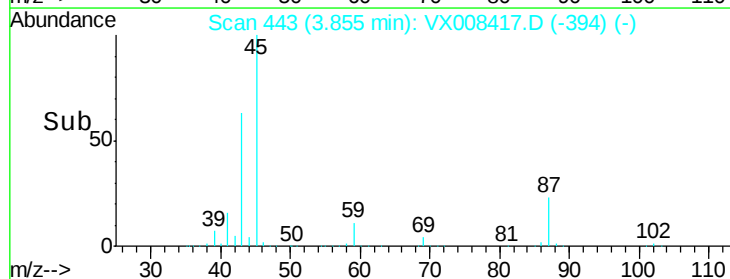
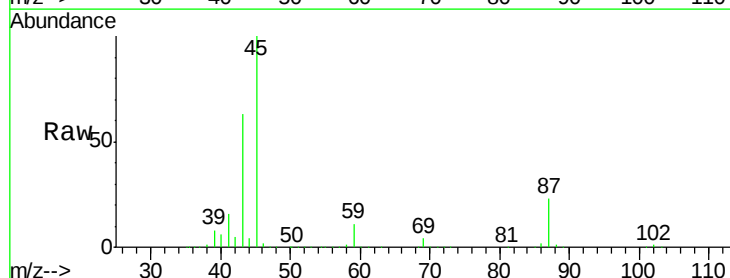
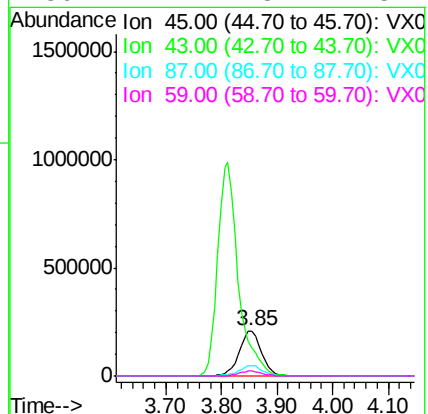
Ion Ratio Lower Upper

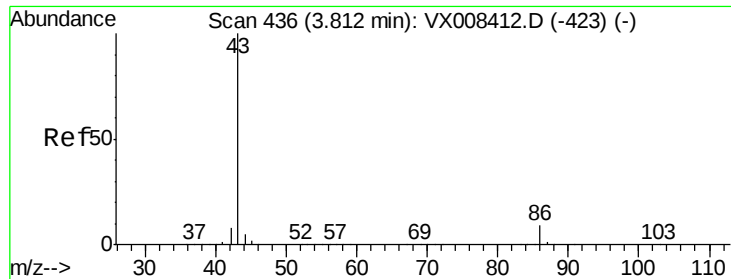
45 100

43 62.9 57.1 85.7

87 22.7 18.8 28.2

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 250.343 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 43 Resp: 2543739

Ion Ratio Lower Upper

43 100

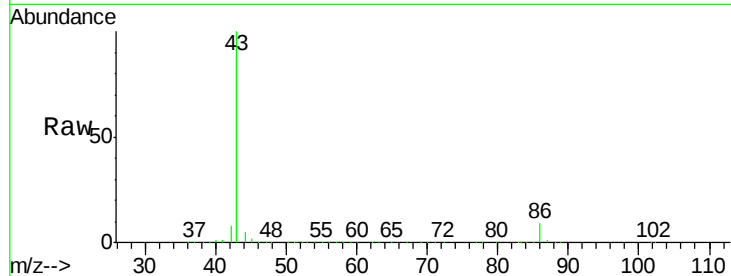
86 9.0 6.9 10.3

Manual Integrations

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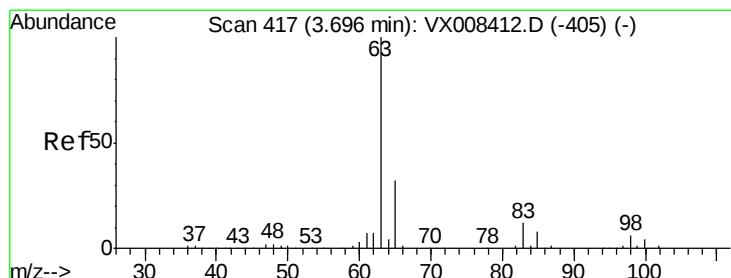
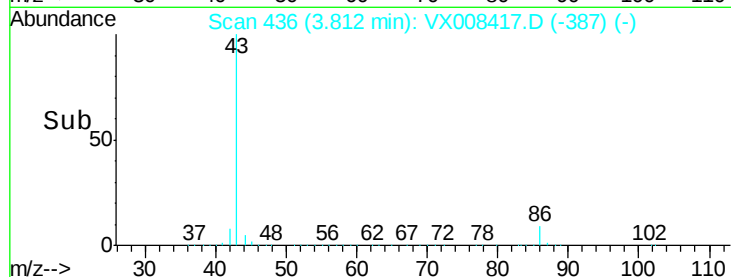
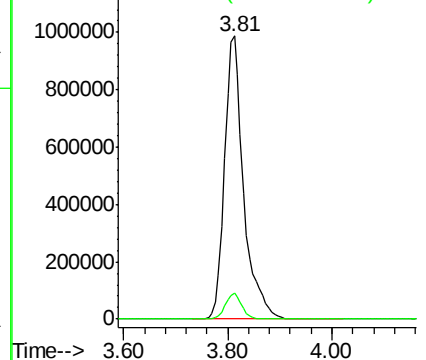
MMDadoda

3/27/2019 8:56:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.492 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

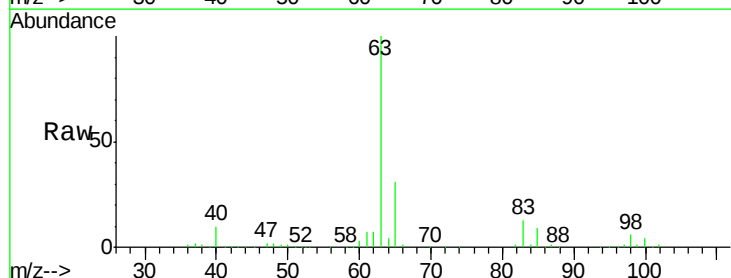
Tgt Ion: 63 Resp: 291004

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

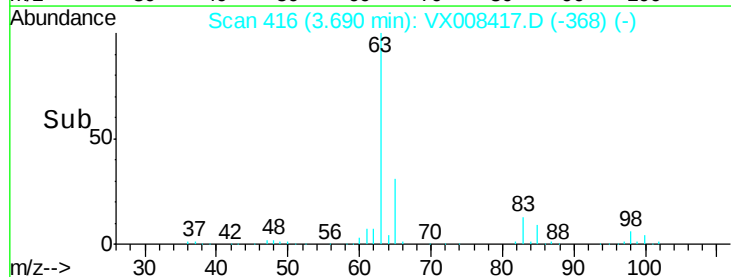
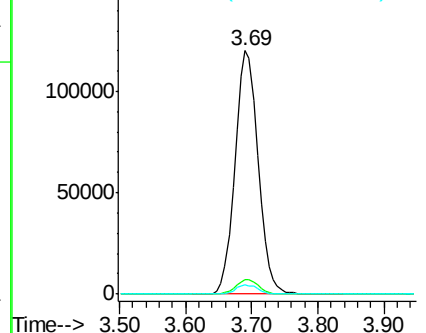
100 3.7 2.0 5.8

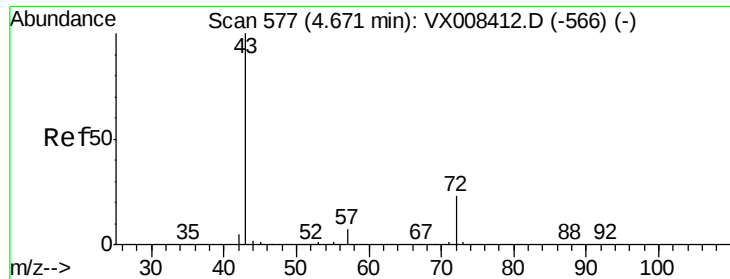


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.344 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 43 Resp: 678183

Ion Ratio Lower Upper

43 100

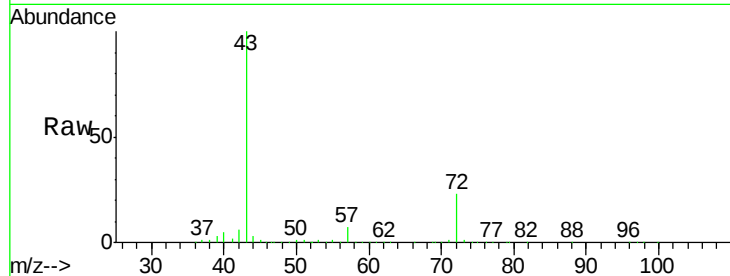
72 23.2 18.6 28.0

Manual Integrations

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MMDadoda

3/27/2019 8:56:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

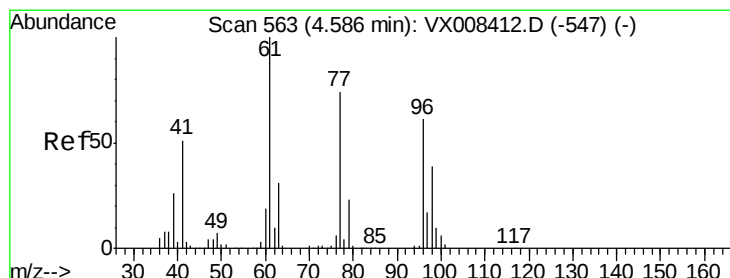
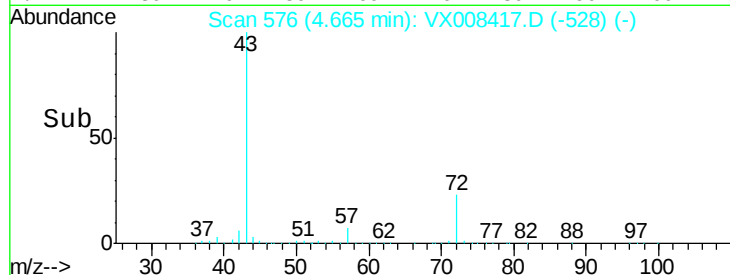
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.495 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008417.D

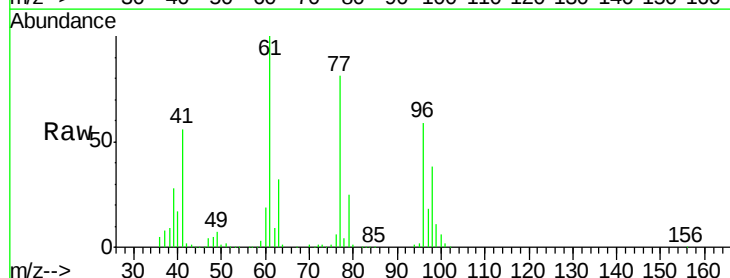
Acq: 25 Mar 2019 17:47

Tgt Ion: 77 Resp: 209208

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

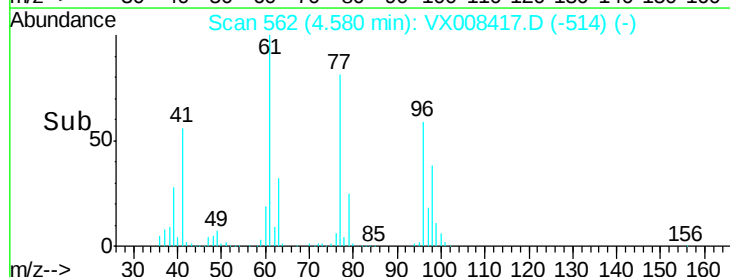
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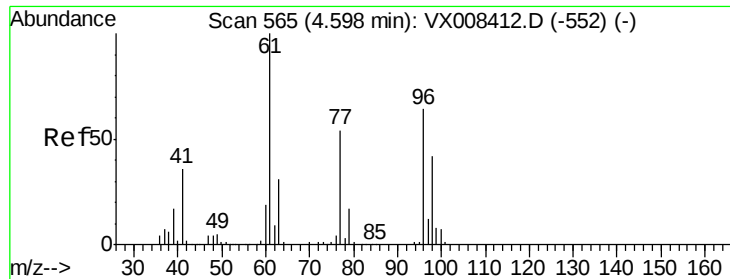
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0

4.40 4.50 4.60 4.70

Time-->





#27

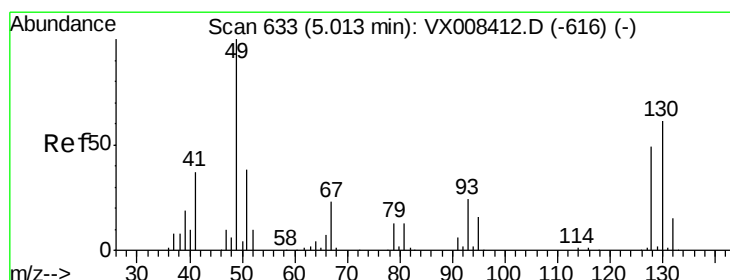
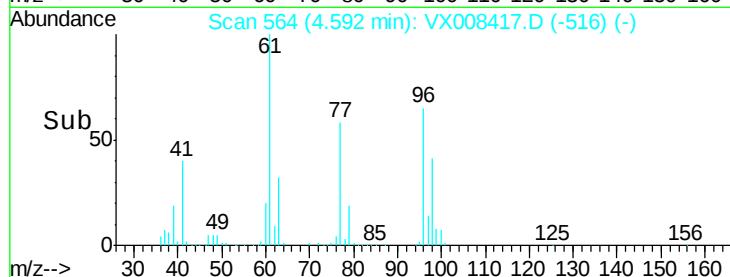
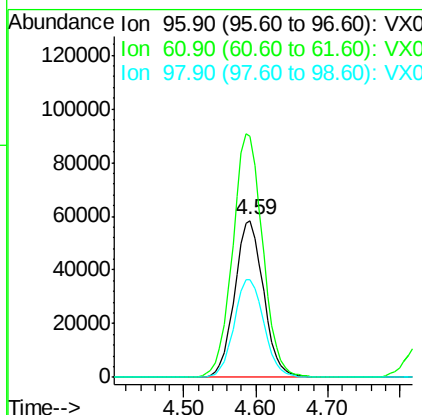
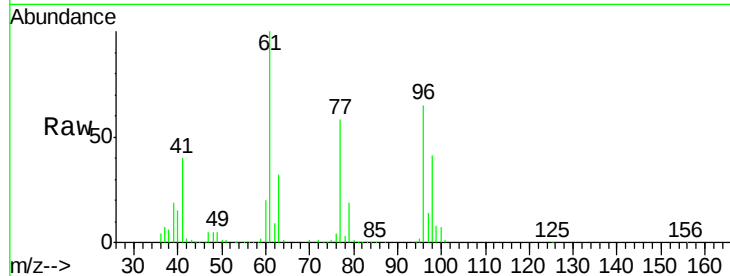
cis-1,2-Dichloroethene
Concen: 49.577 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	325.6
98	64.5	0.0	130.0

Manual Integrations
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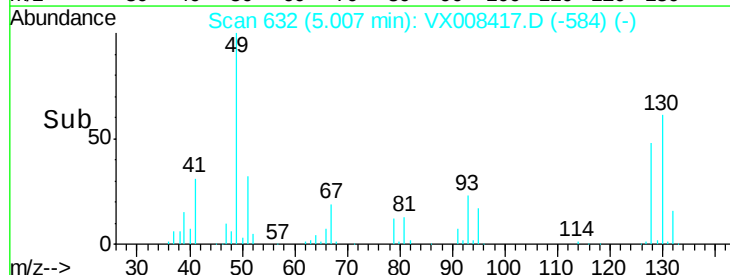
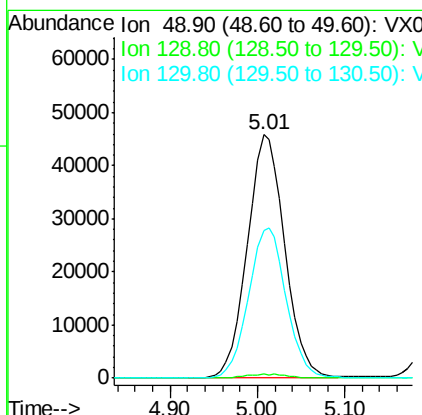
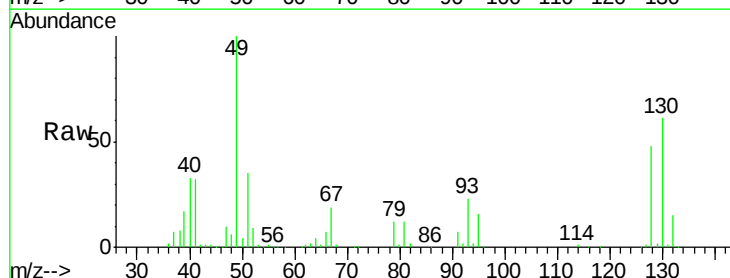
MMDadoda
3/27/2019 8:56:03 AM

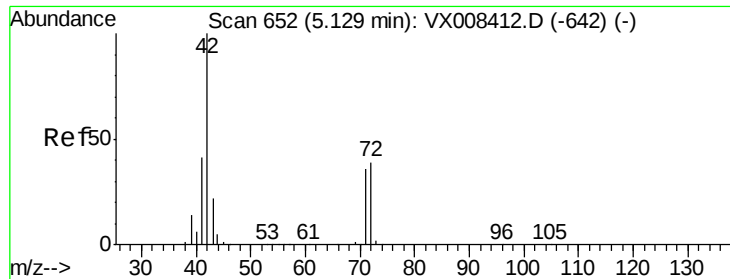


#28

Bromochloromethane
Concen: 46.822 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.4	49.8	74.6





#29

Tetrahydrofuran

Concen: 221.379 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

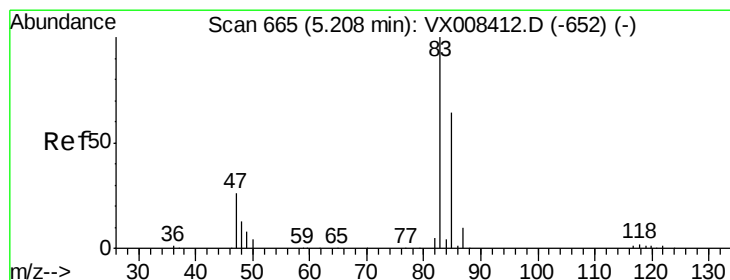
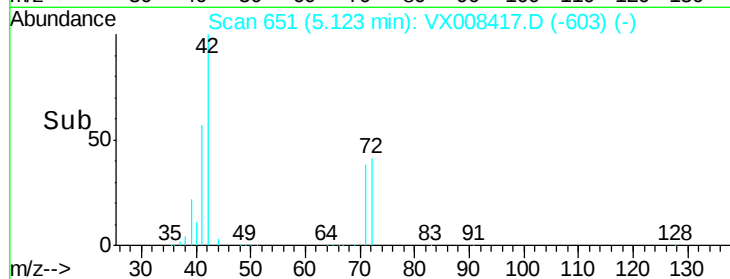
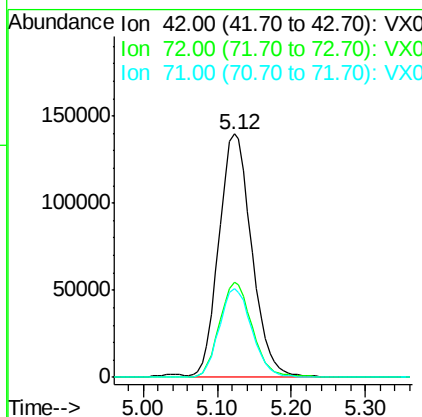
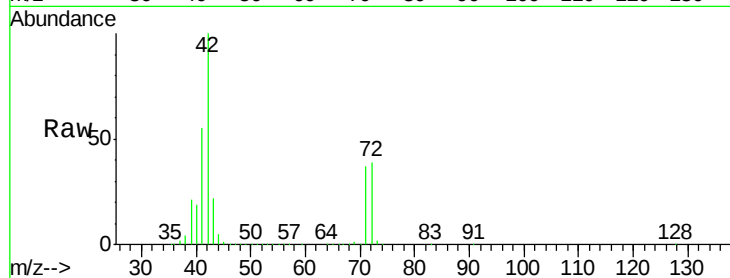
ClientSampleId :

ICVVX032519

Tot Ion:	42	Resp:	427718
Ion Ratio		Lower	Upper
42	100		
72	39.1	31.4	47.2
71	36.6	29.4	44.2

Manual Integrations
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#30

Chloroform

Concen: 49.746 ug/l

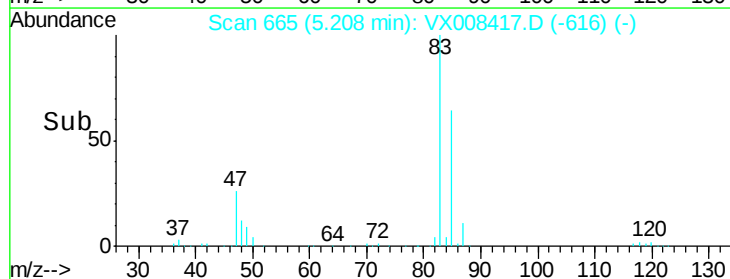
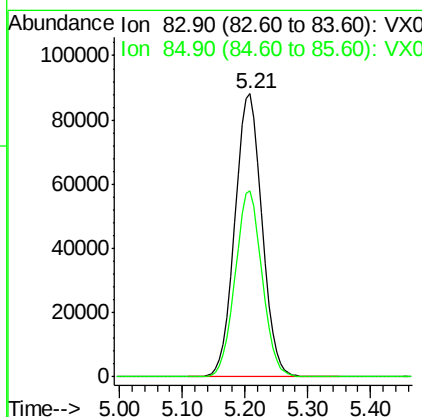
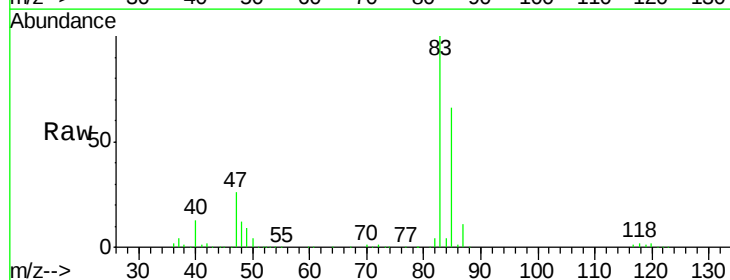
RT: 5.21 min Scan# 665

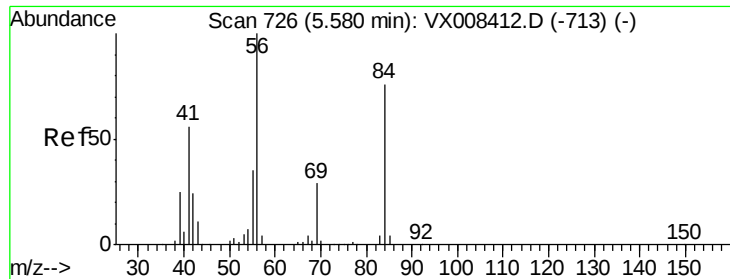
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion:	83	Resp:	263972
Ion Ratio		Lower	Upper
83	100		
85	65.6	51.4	77.2





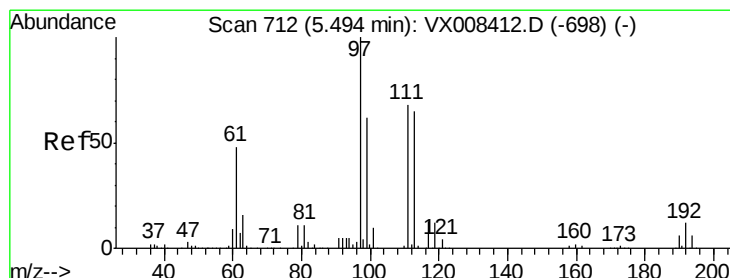
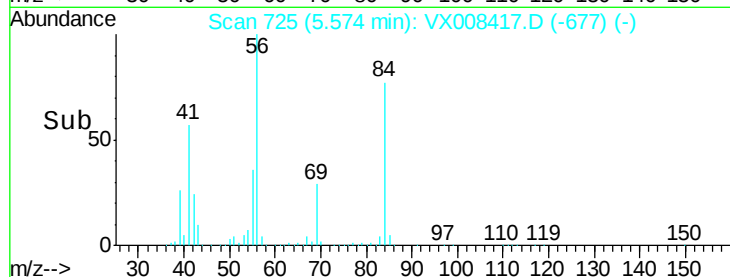
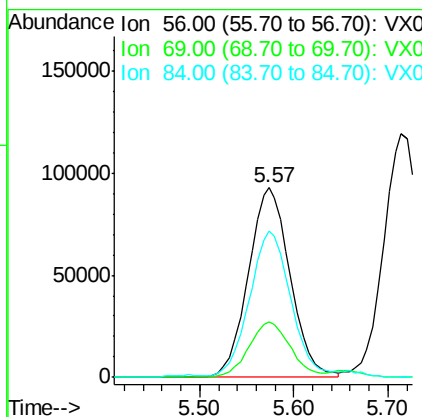
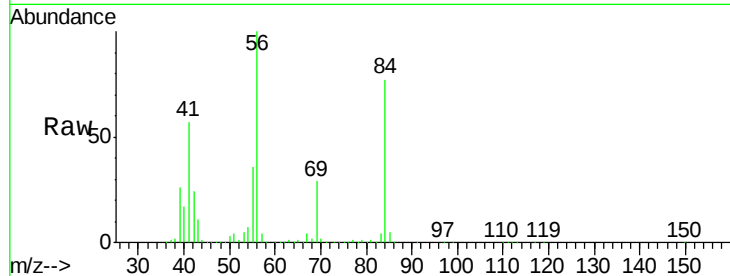
#31
Cyclohexane
Concen: 51.195 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.2	34.8
84	75.8	60.7	91.1

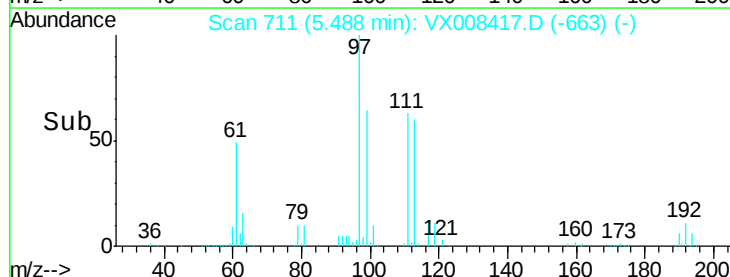
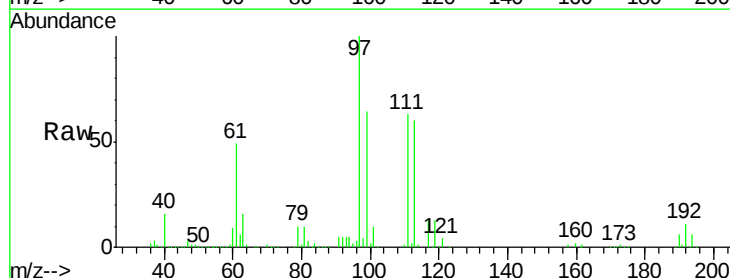
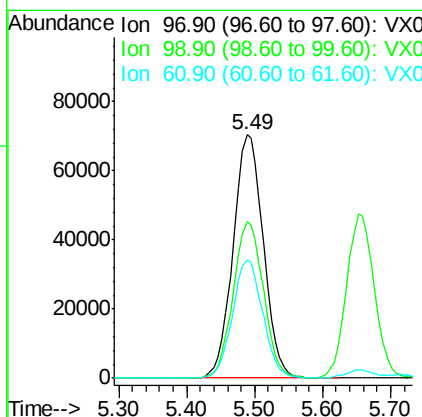
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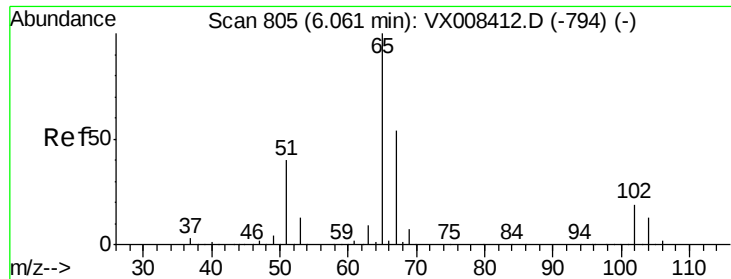
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#32
1,1,1-Trichloroethane
Concen: 51.247 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	48.6	38.8	58.2





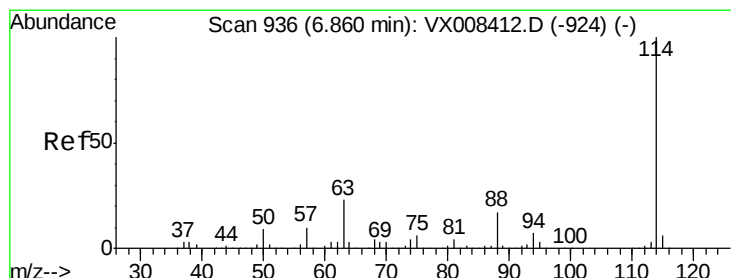
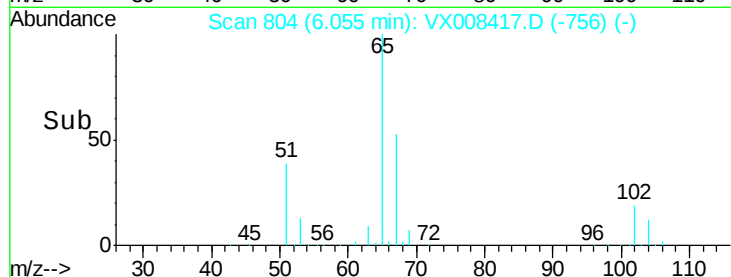
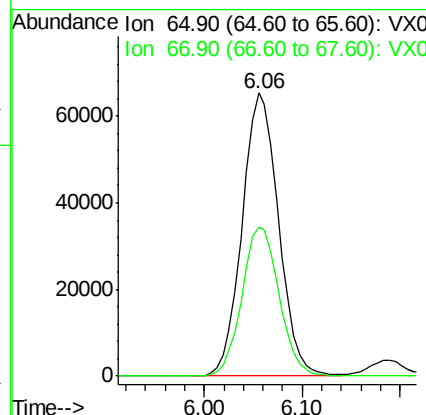
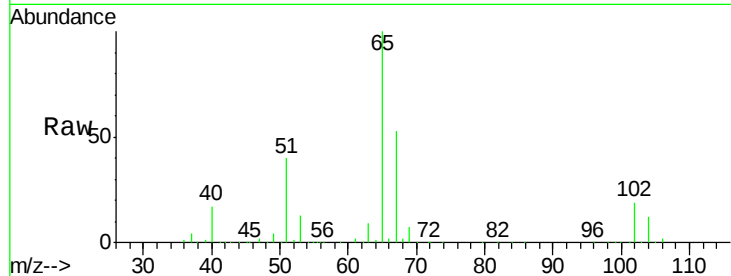
#33
 1,2-Dichloroethane-d4
 Concen: 48.412 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169372		
67	53.8	0.0	109.4	

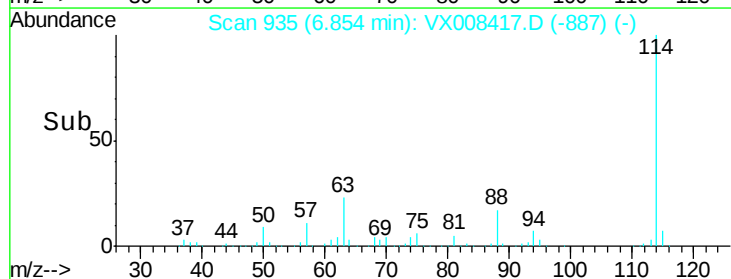
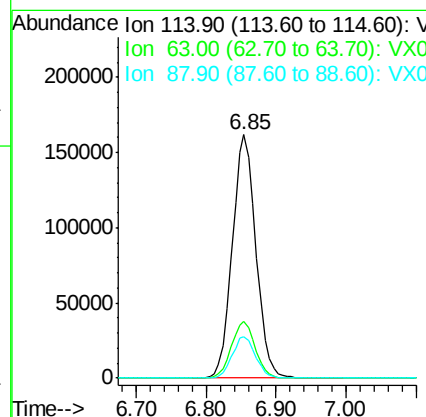
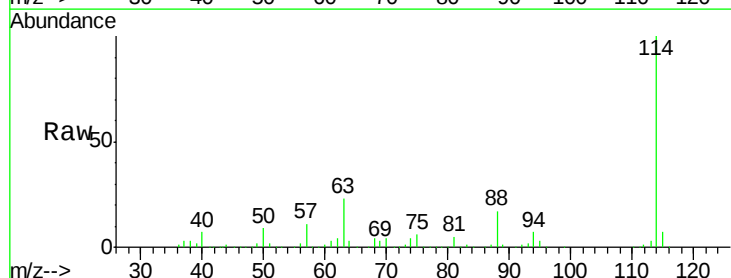
Manual Integrations
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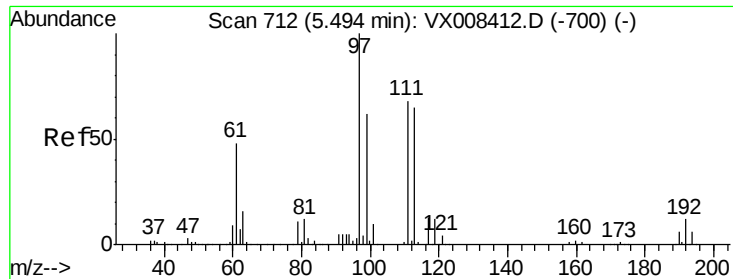
MMDadoda
 3/27/2019 8:56:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	378697		
63	23.5	0.0	46.4	
88	16.8	0.0	33.2	





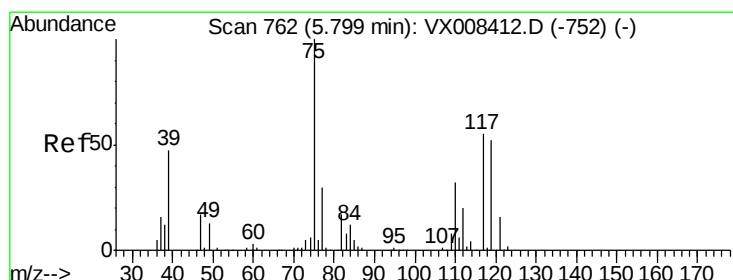
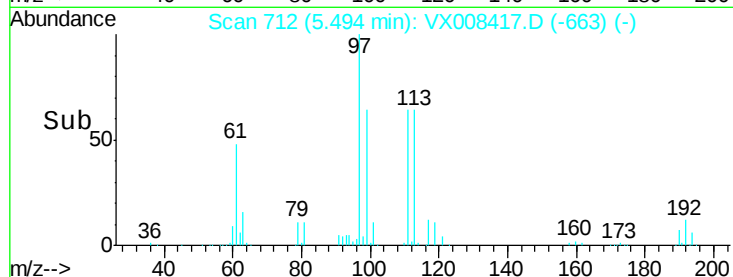
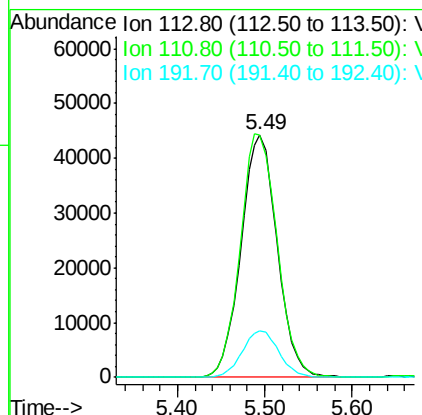
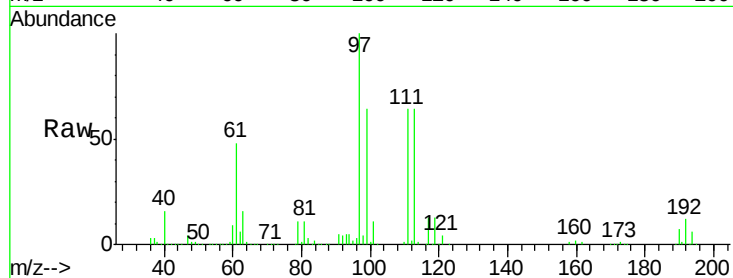
#35
 Dibromofluoromethane
 Concen: 51.380 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126871		
111	103.2	83.0	124.4	
192	19.5	15.6	23.4	

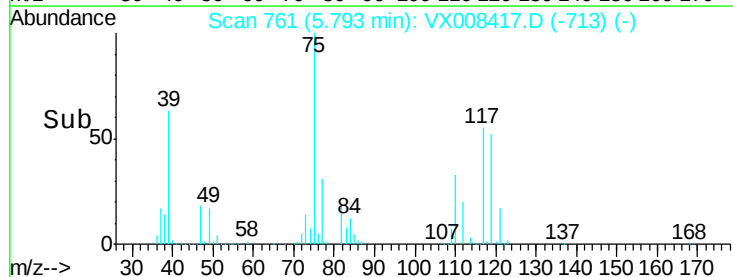
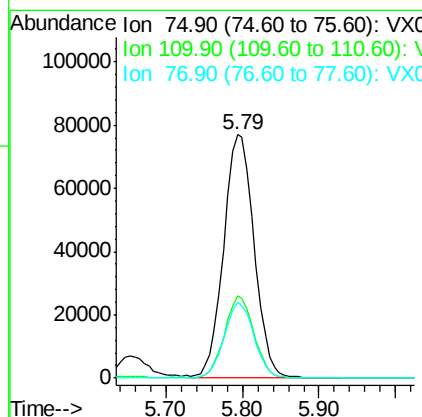
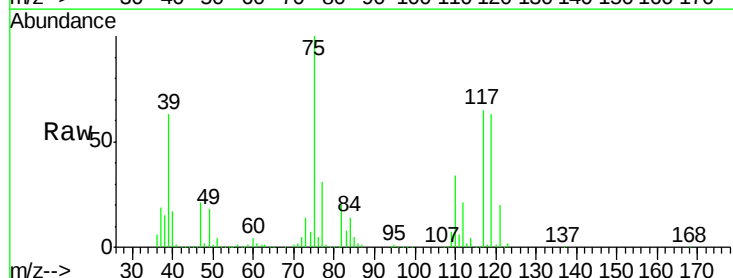
Manual Integrations
 APPROVED

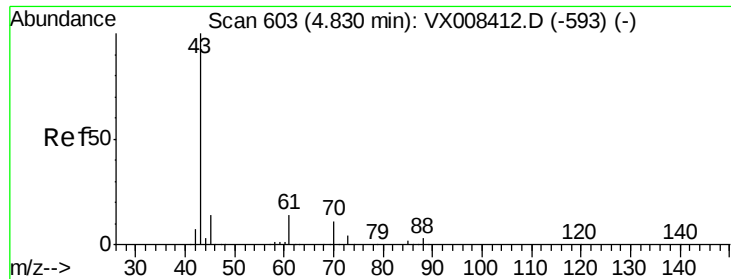
MMDadoda
 3/27/2019 8:56:03 AM



#36
 1,1-Dichloropropene
 Concen: 52.345 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	211354		
110	33.0	16.6	49.7	
77	30.3	24.2	36.2	





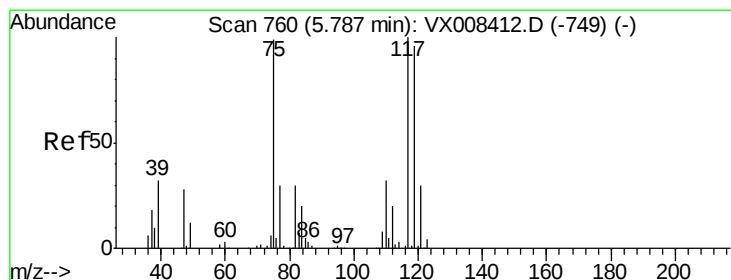
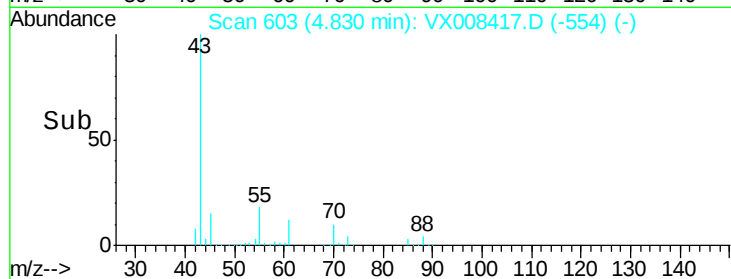
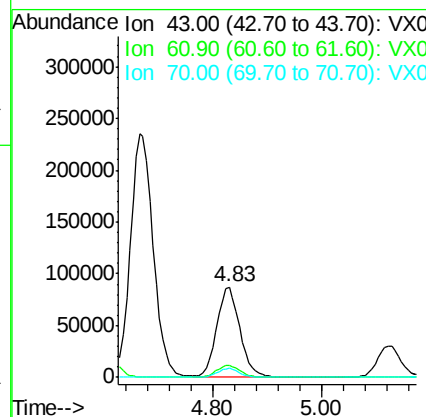
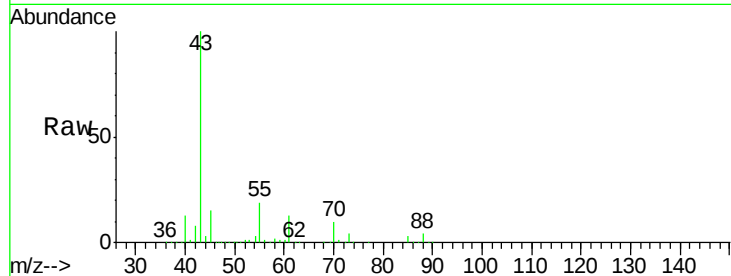
#37
Ethyl Acetate
Concen: 49.103 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	9.7	7.8	11.8

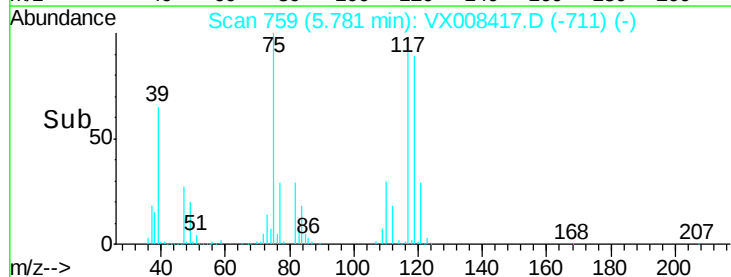
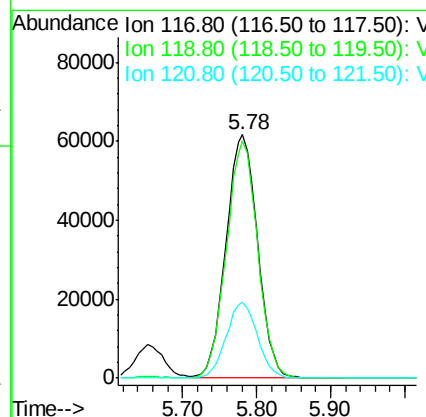
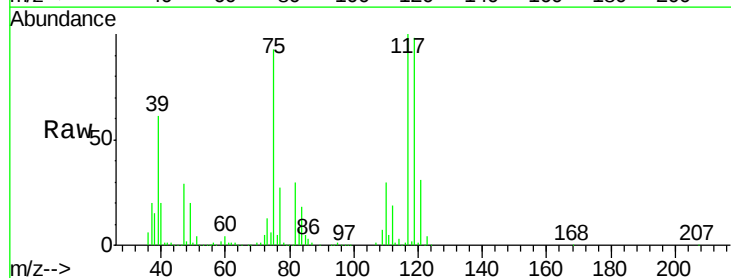
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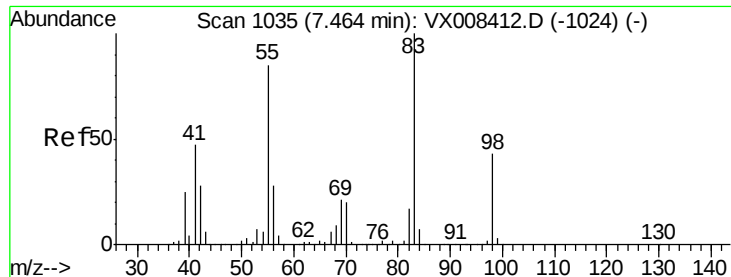
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.219 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
121	31.1	24.3	36.5





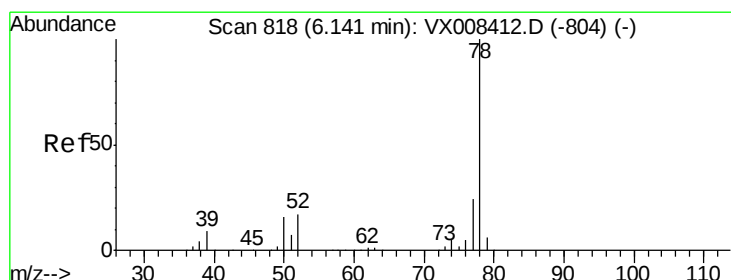
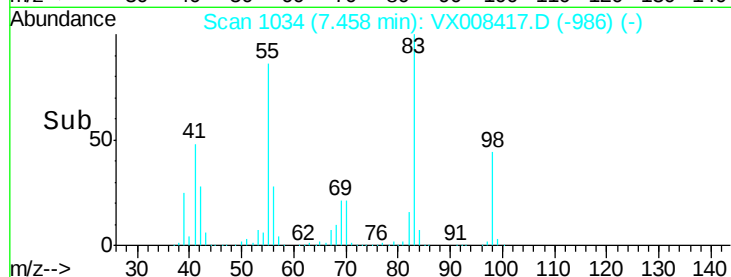
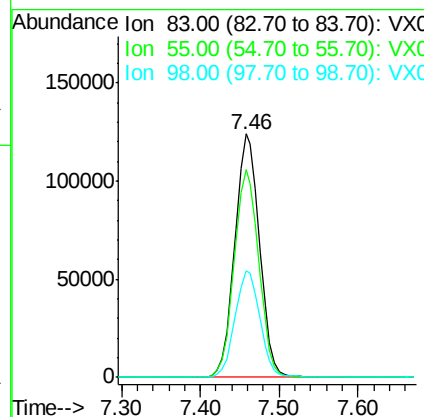
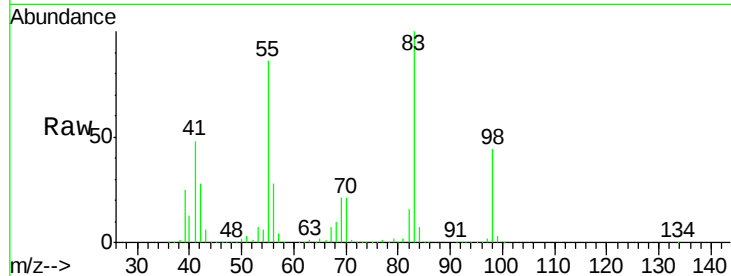
#39
Methylvlcyclohexane
Concen: 56.039 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	83	Resp	270411
Ion Ratio	Lower	Upper	
83	100		
55	85.5	68.2	102.4
98	43.9	34.2	51.4

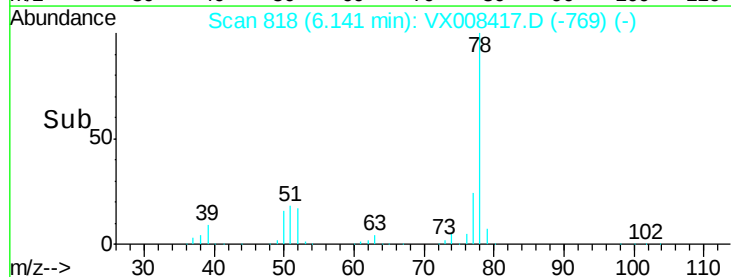
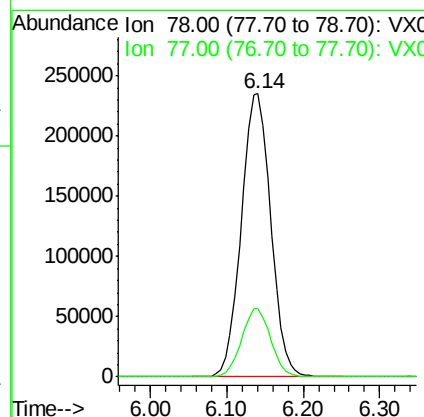
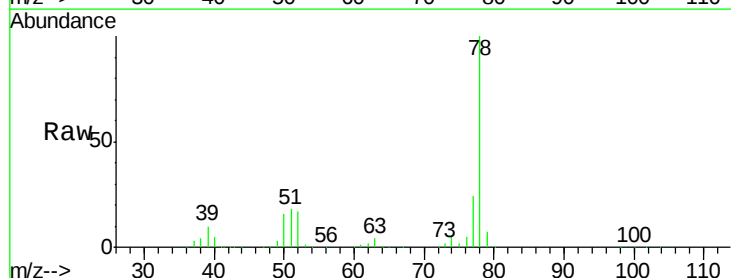
Manual Integrations
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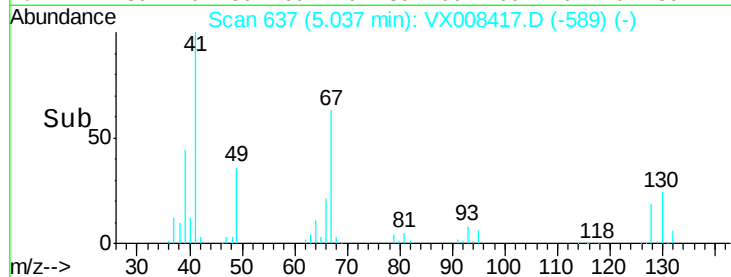
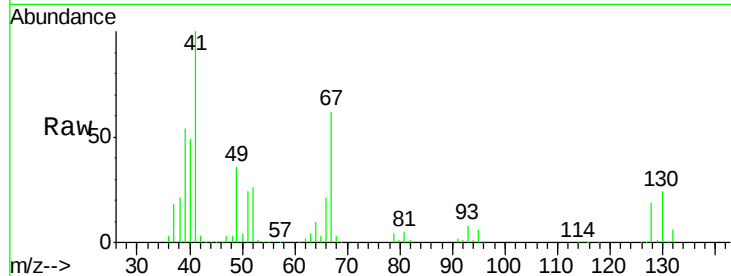
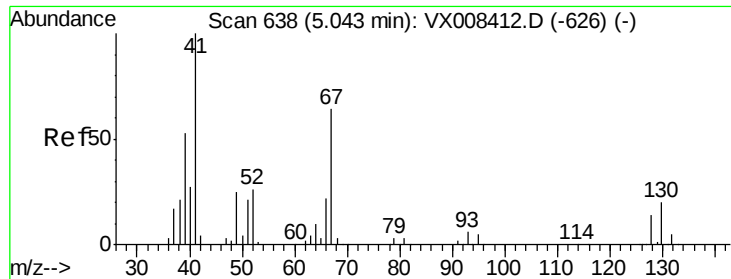
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#40
Benzene
Concen: 52.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	78	Resp	628732
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 49.659 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	42.6	64.0	
67	64.7	52.2	78.4	
52	27.2	21.4	32.0	

Instrument :

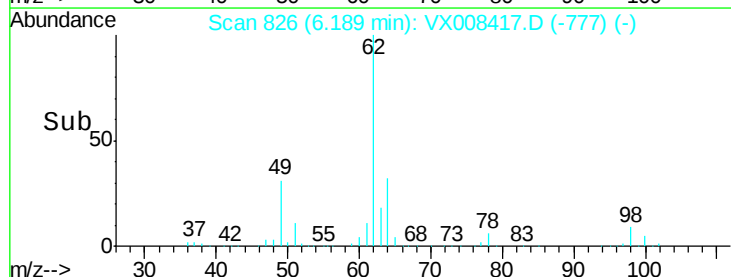
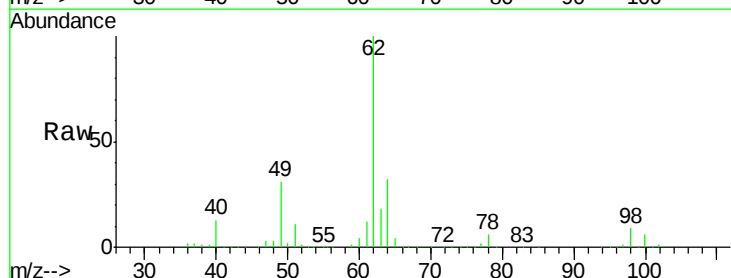
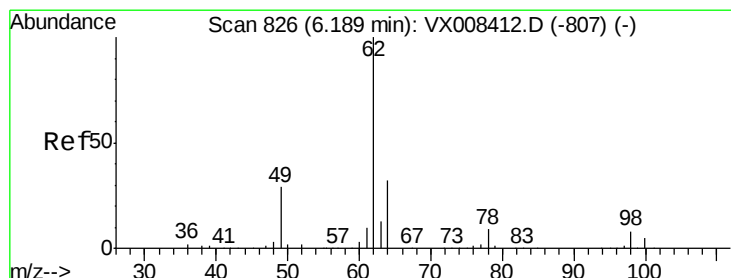
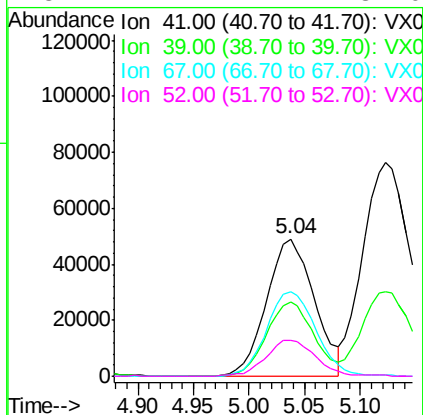
MSVOA_X

ClientSampleId :

ICVVX032519

Manual Integrations
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MMDadoda
3/27/2019 8:56:03 AM



#42

1,2-Dichloroethane

Concen: 50.217 ug/l

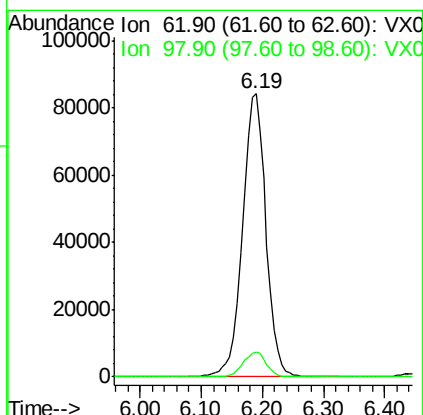
RT: 6.19 min Scan# 826

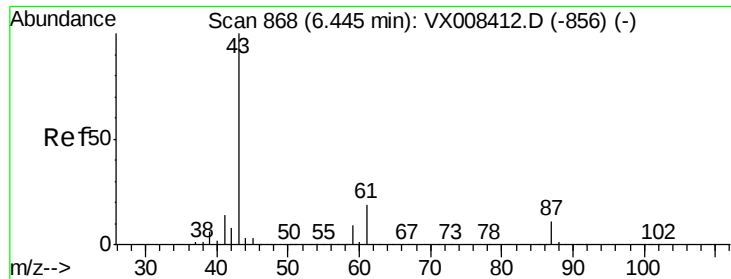
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.6	





#43

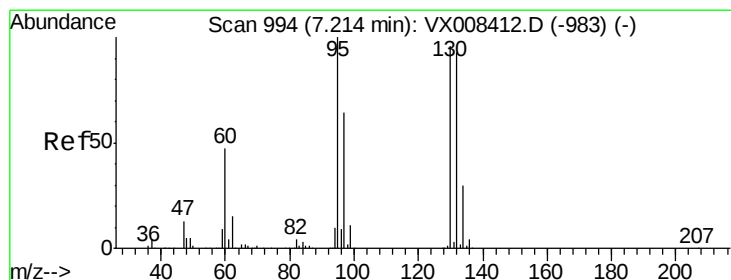
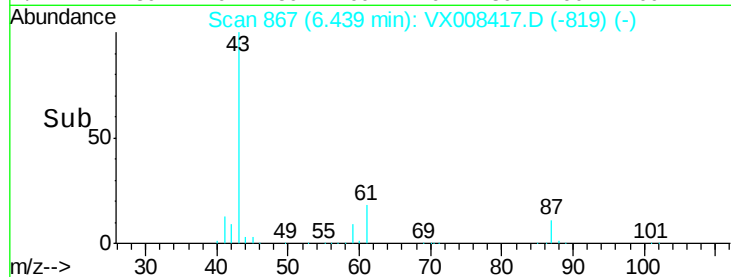
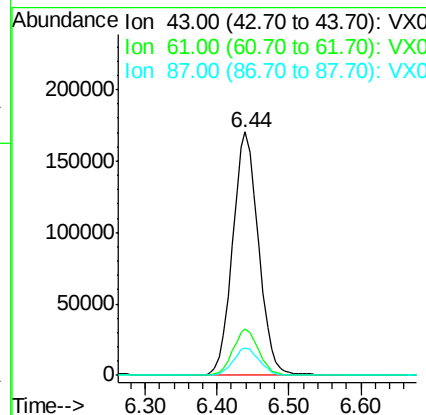
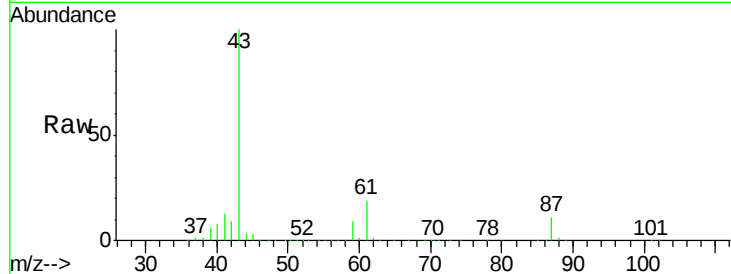
Isopropyl Acetate
 Concen: 50.527 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	11.5	9.1	13.7

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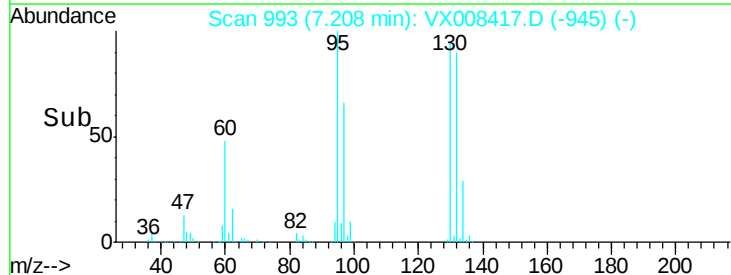
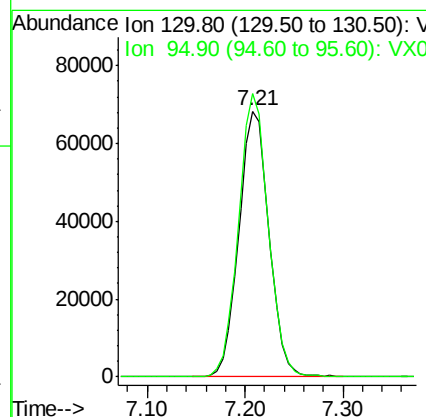
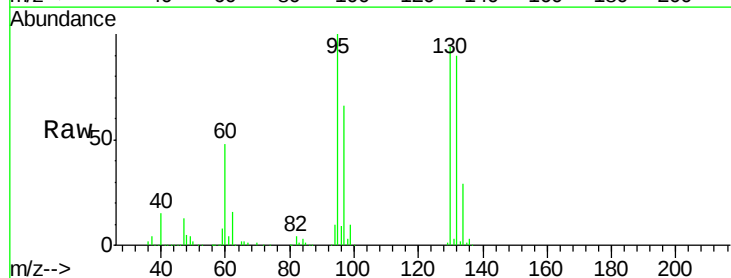
MMDadoda
 3/27/2019 8:56:03 AM

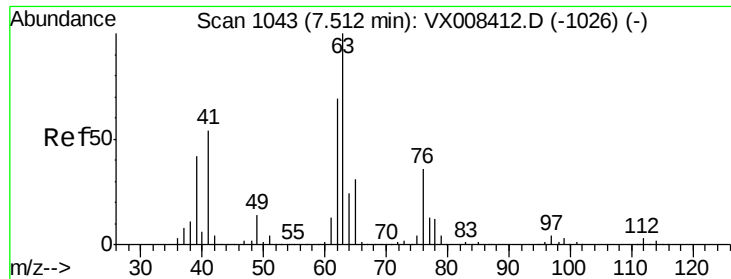


#44

Trichloroethene
 Concen: 51.504 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	208.8





#45

1,2-Dichloropropane

Concen: 52.083 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 63 Resp: 178950

Ion Ratio Lower Upper

63 100

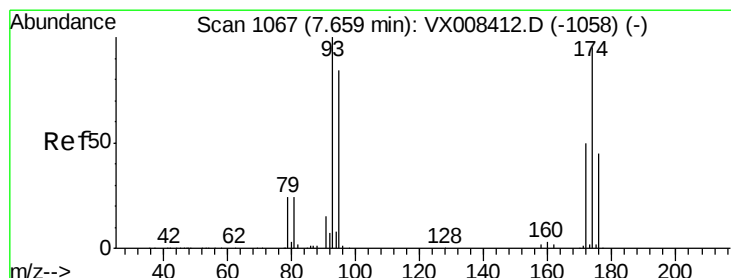
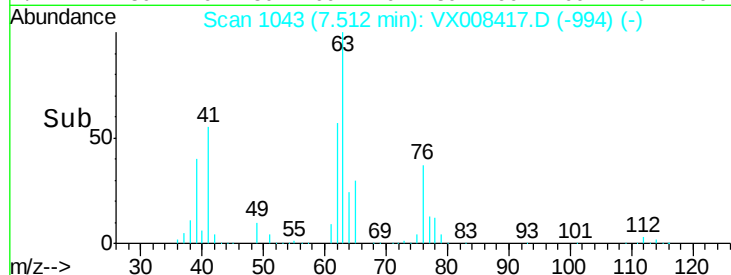
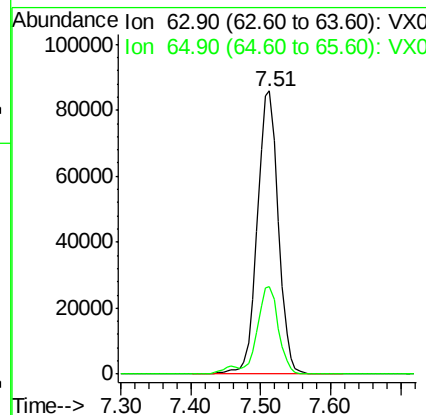
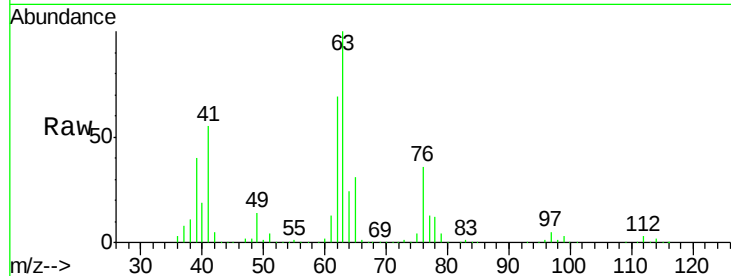
65 31.0 25.1 37.7

Manual Integrations

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3/27/2019 8:56:03 AM



#46

Dibromomethane

Concen: 51.081 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

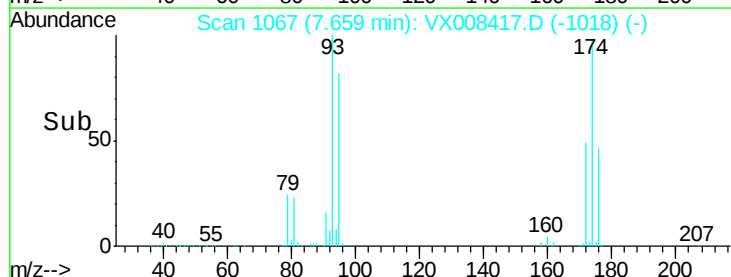
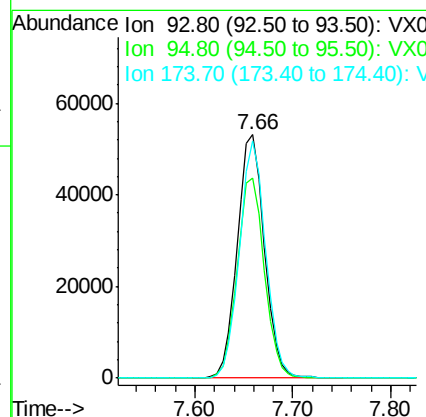
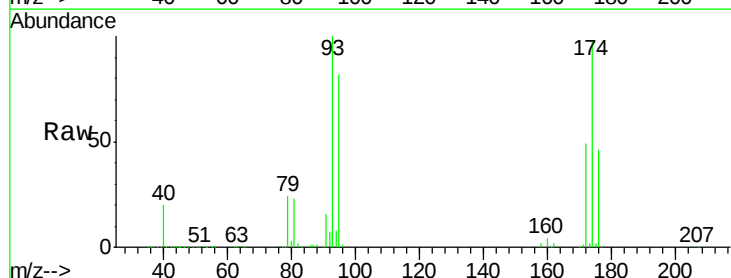
Tgt Ion: 93 Resp: 102488

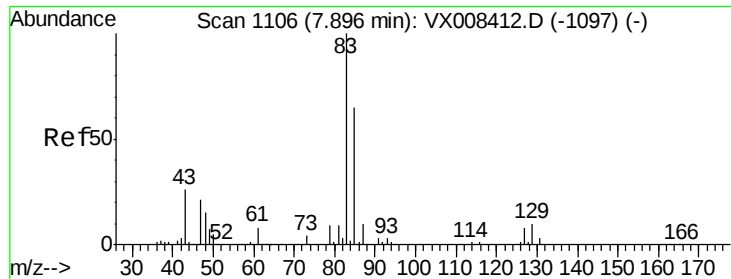
Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

174 94.4 76.0 114.0





#47

Bromodichloromethane

Concen: 54.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

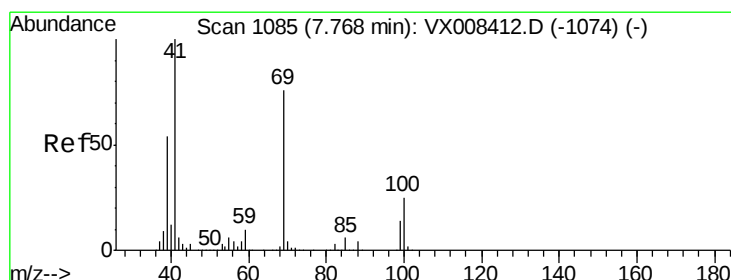
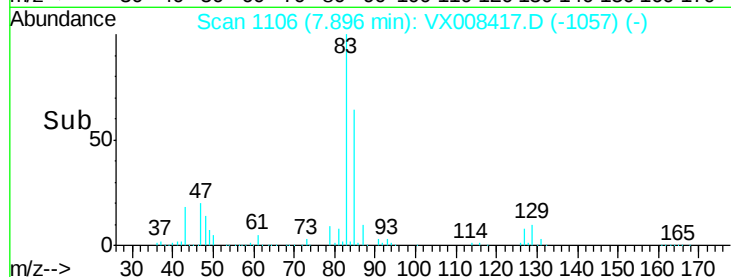
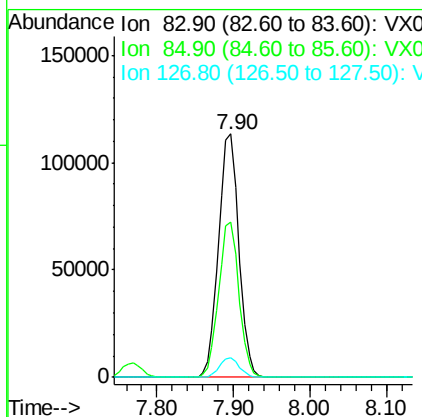
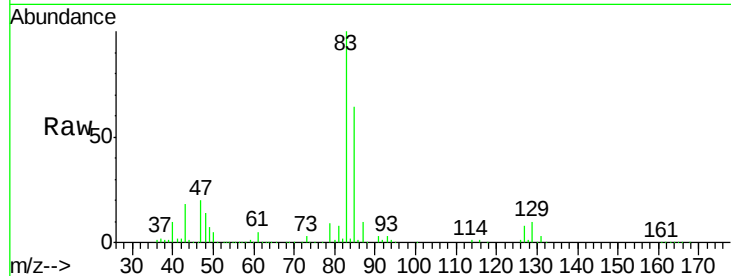
ClientSampleId :

ICVVX032519

Tot Ion:	83	Resp:	208695
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.0	78.0
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.159 ug/l

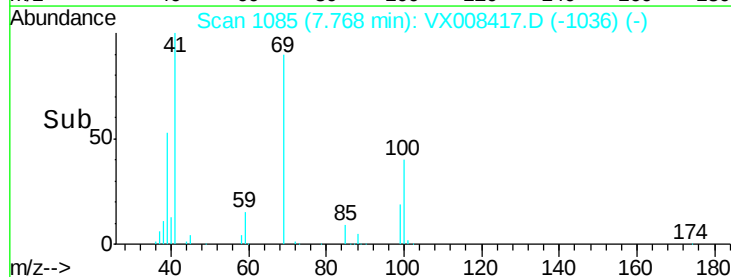
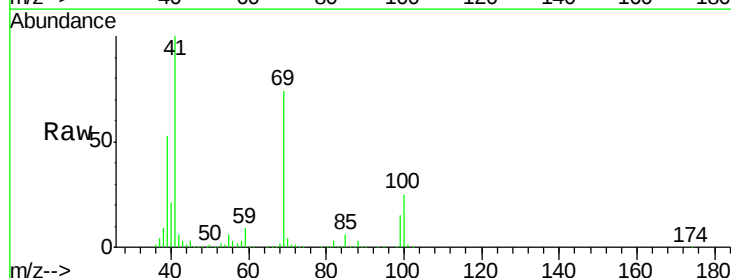
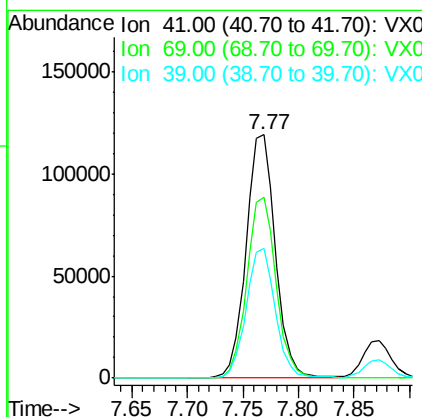
RT: 7.77 min Scan# 1085

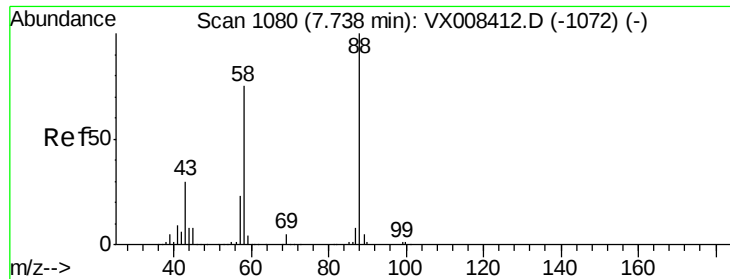
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion:	41	Resp:	218358
Ion Ratio	Lower	Upper	
41	100		
69	74.6	60.8	91.2
39	52.4	42.3	63.5





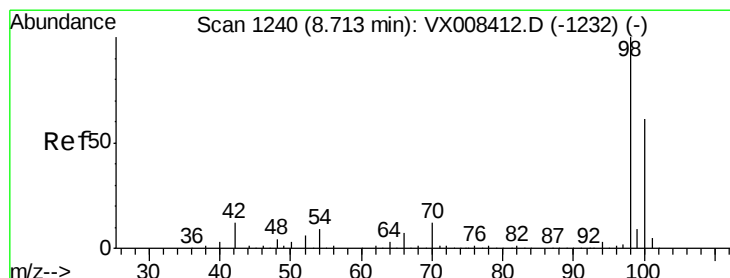
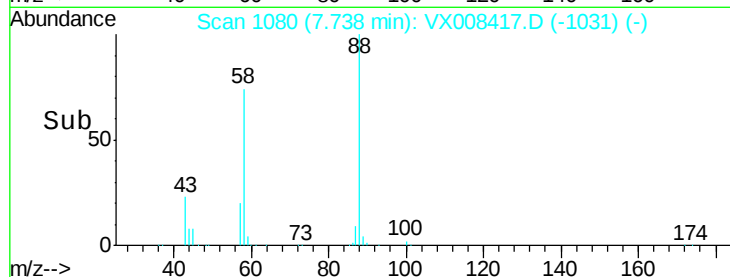
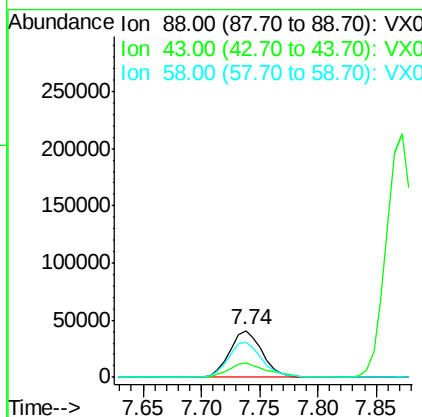
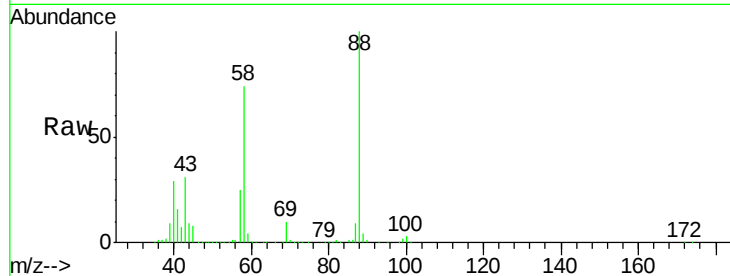
#49
1,4-Dioxane
Concen: 956.709 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.6	43.0
58	78.0	63.0	94.4

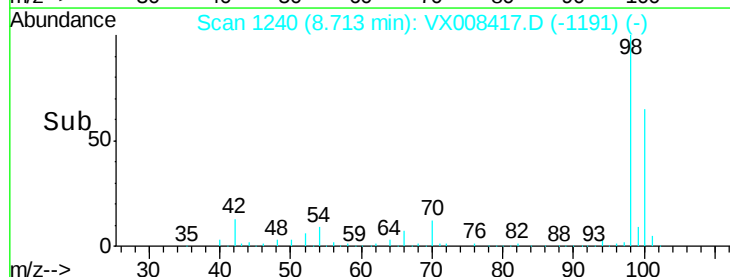
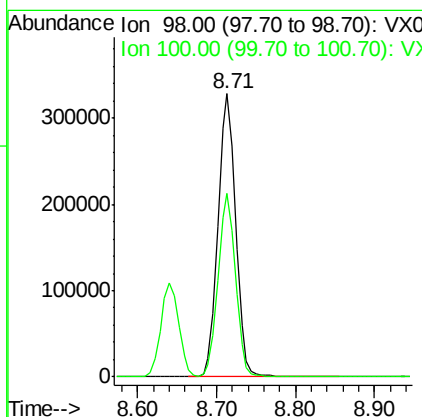
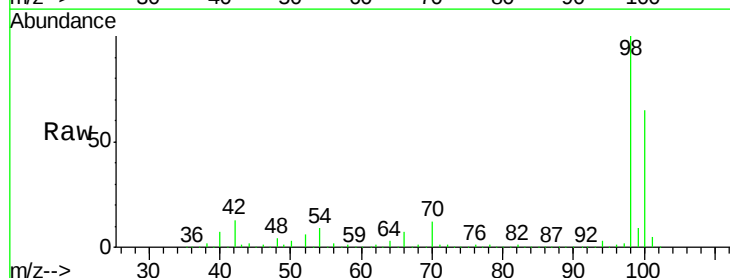
Manual Integrations
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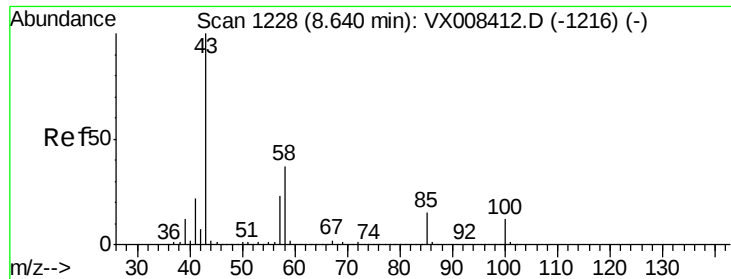
MMDadoda
3/27/2019 8:56:03 AM



#50
Toluene-d8
Concen: 51.904 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.1	76.7





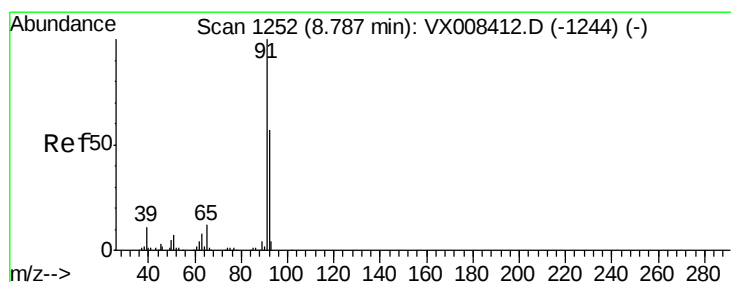
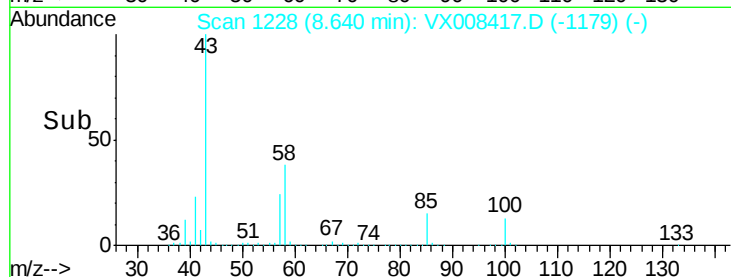
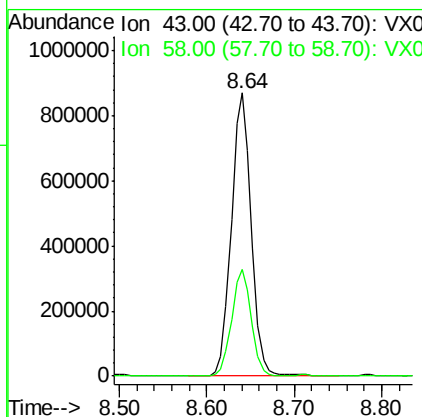
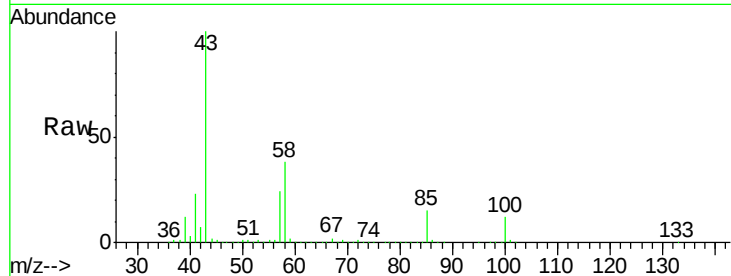
#51
4-Methyl-2-Pentanone
Concen: 253.144 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion: 43 Resp: 1375652
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.8

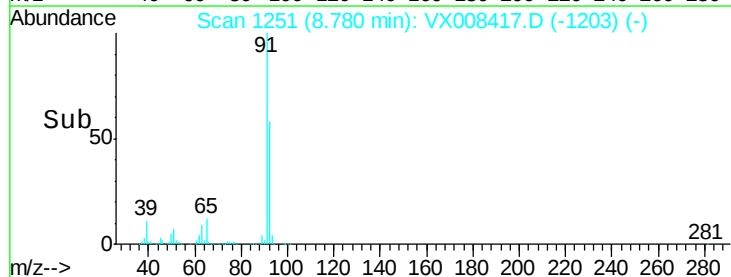
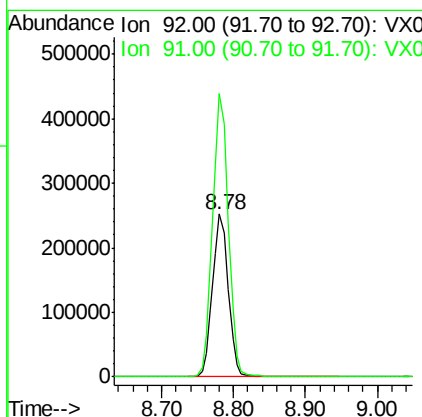
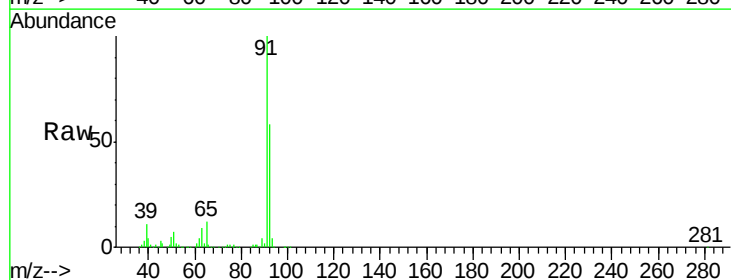
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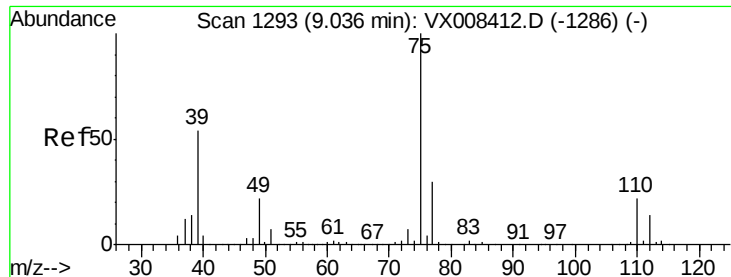
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#52
Toluene
Concen: 53.112 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 92 Resp: 383882
Ion Ratio Lower Upper
92 100
91 173.5 140.2 210.4





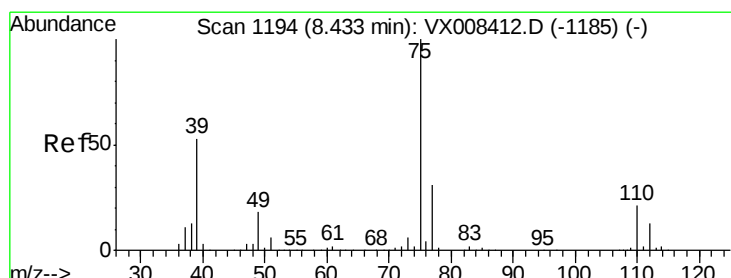
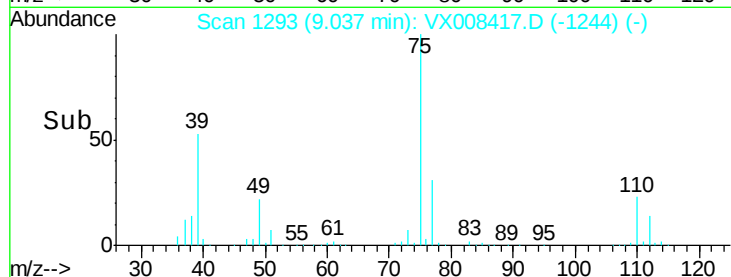
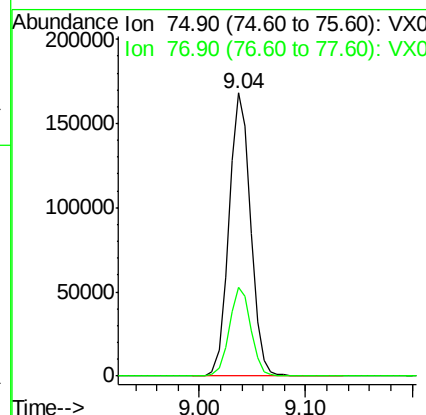
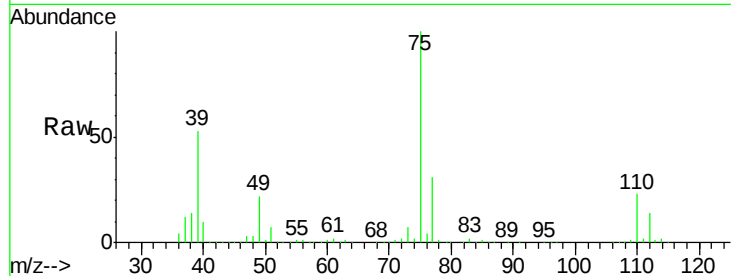
#53
t-1,3-Dichloropropene
Concen: 56.981 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.3	36.5

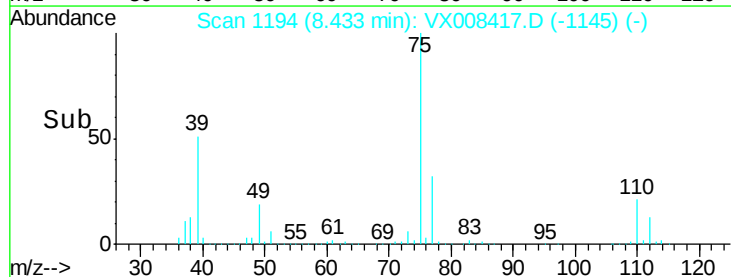
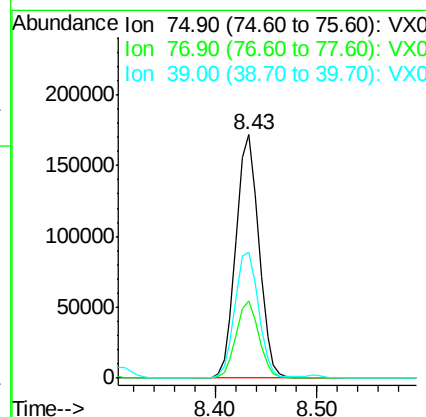
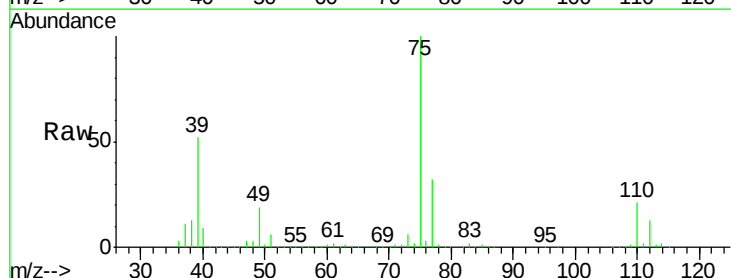
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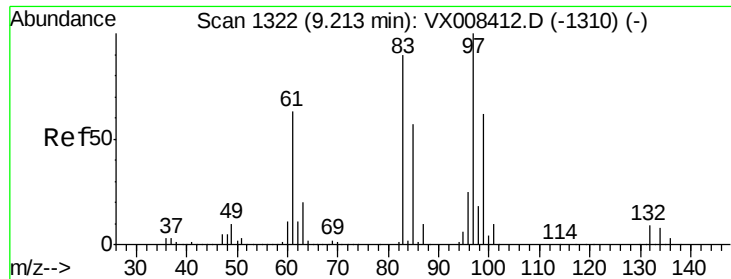
MMDadoda
3/27/2019 8:56:03 AM



#54
cis-1,3-Dichloropropene
Concen: 55.676 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	51.4	42.4	63.6





#55

1,1,2-Trichloroethane

Concen: 51.646 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 97 Resp: 151953

Ion Ratio Lower Upper

97 100

83 90.3 71.8 107.6

85 57.5 45.9 68.9

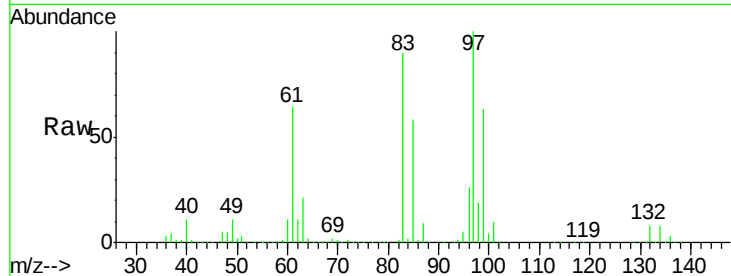
99 62.6 49.4 74.0

Manual Integrations

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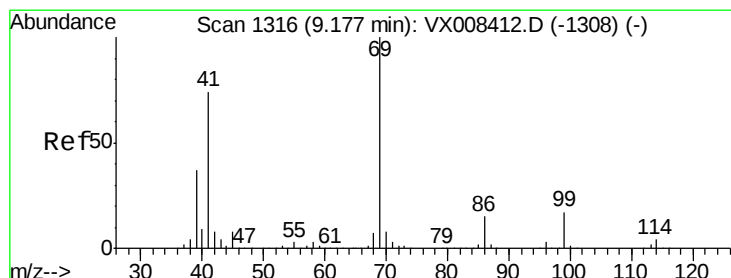
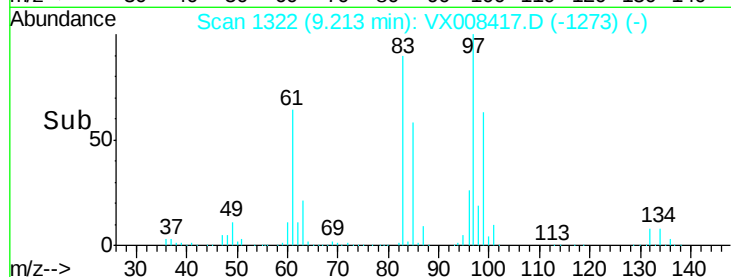
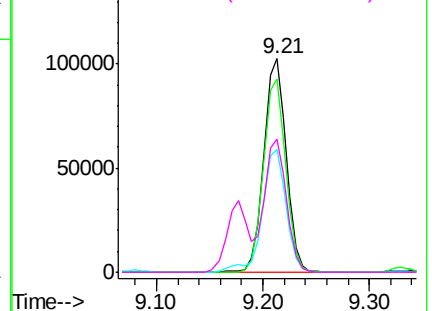
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.829 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

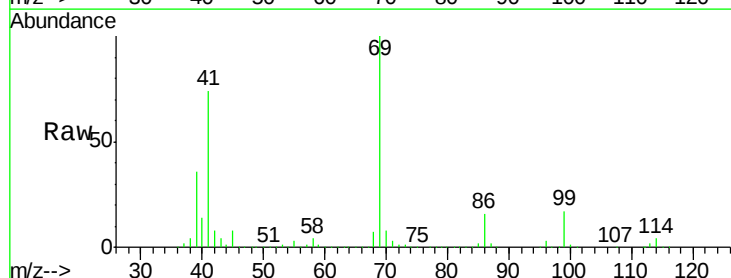
Tgt Ion: 69 Resp: 285883

Ion Ratio Lower Upper

69 100

41 74.3 59.5 89.3

39 37.0 29.3 43.9

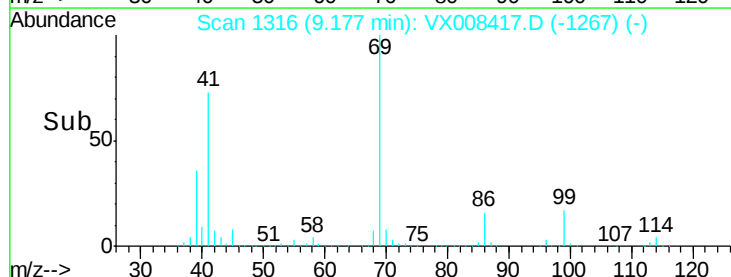
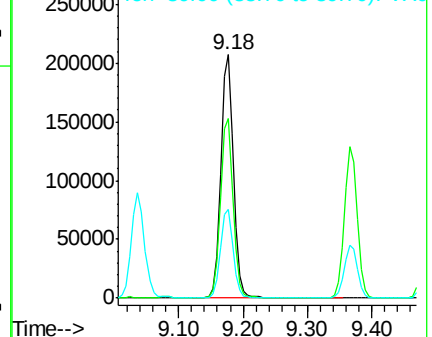


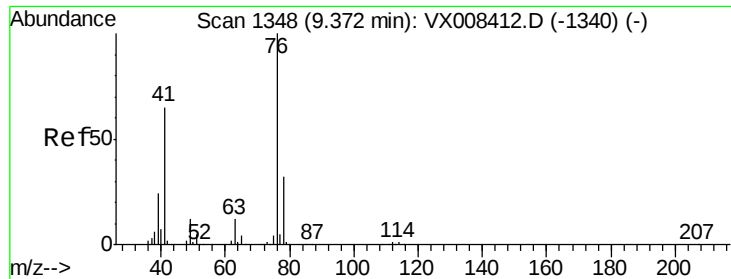
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





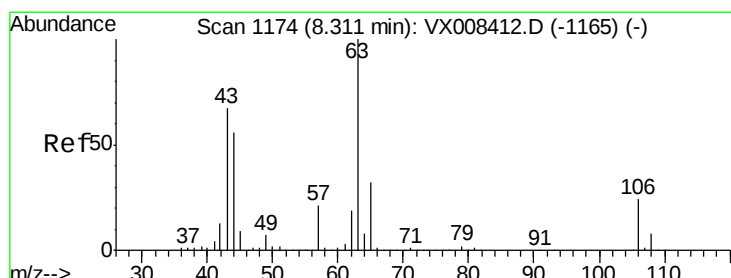
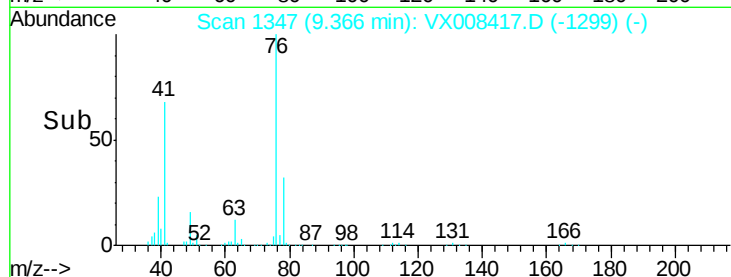
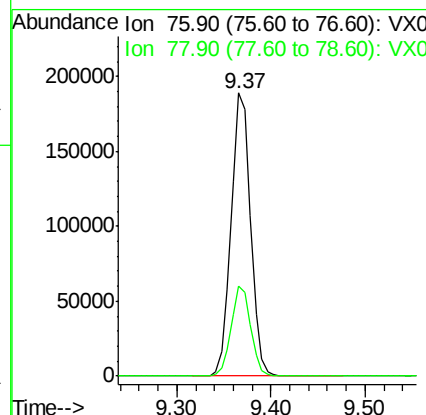
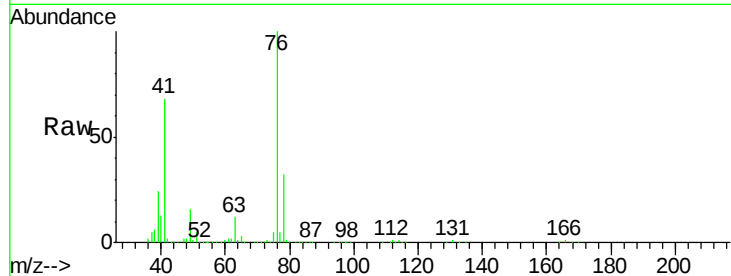
#57
 1,3-Dichloropropane
 Concen: 51.521 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion: 76 Resp: 271779
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

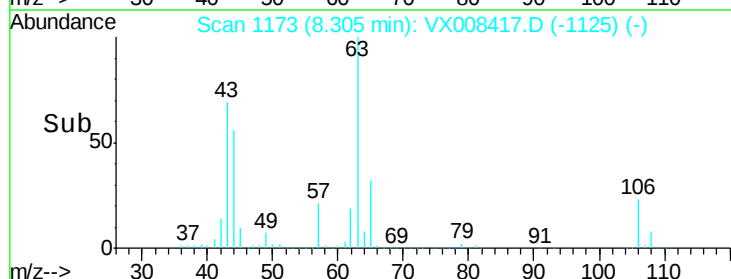
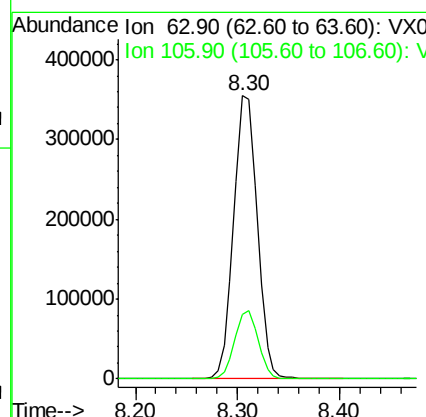
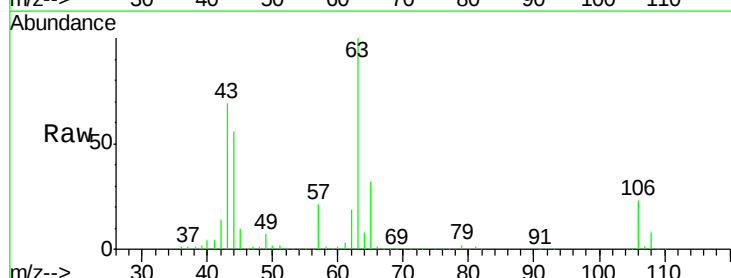
Manual Integrations
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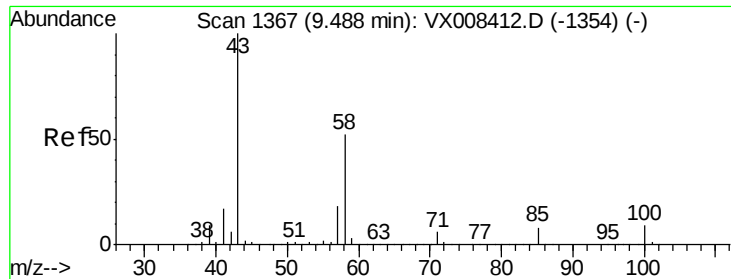
MMDadoda
 3/27/2019 8:56:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.435 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion: 63 Resp: 566725
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6





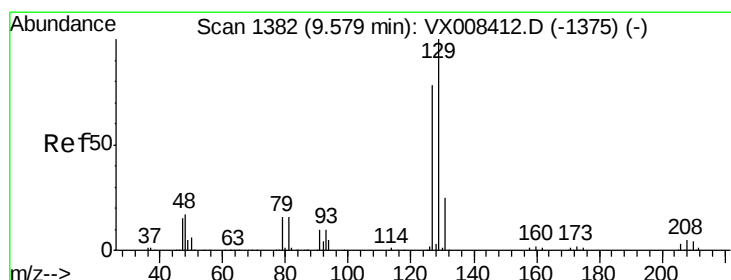
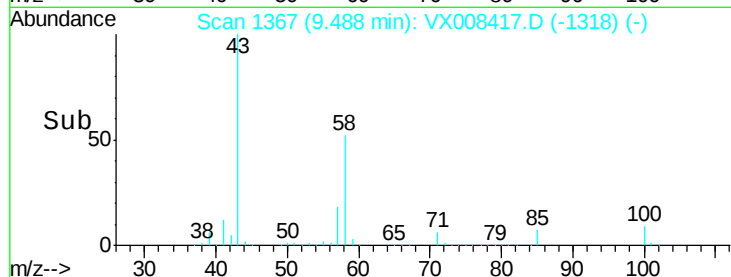
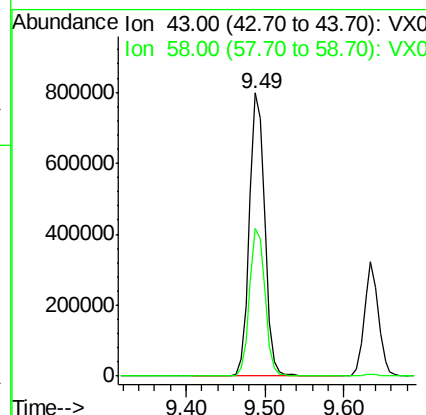
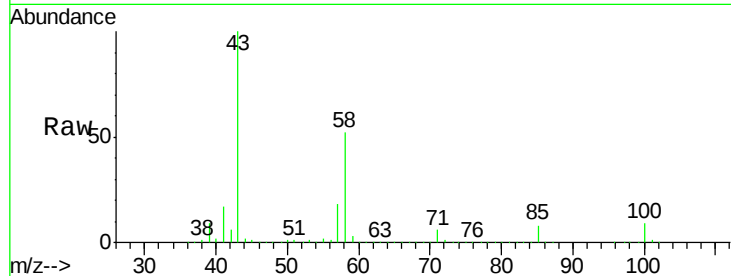
#59
2-Hexanone
Concen: 255.500 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion: 43 Resp: 1075851
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

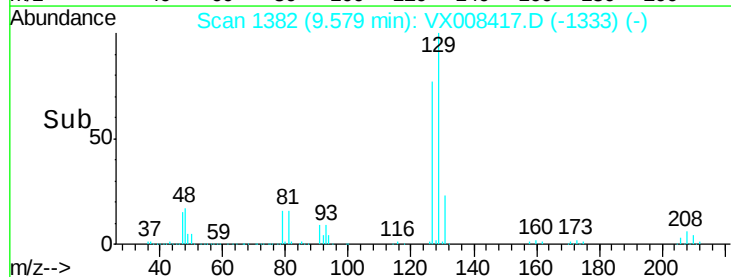
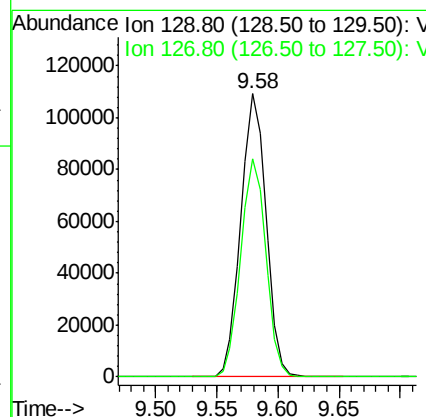
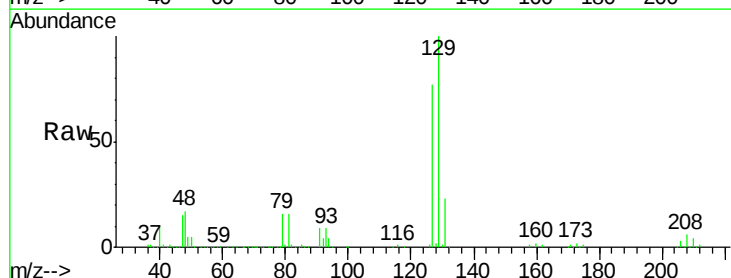
Manual Integrations
APPROVED

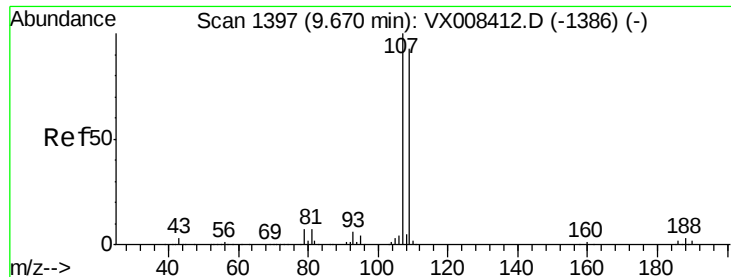
MMDadoda
3/27/2019 8:56:03 AM



#60
Dibromochloromethane
Concen: 55.690 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 129 Resp: 155825
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 52.378 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion:107 Resp: 157268

Ion Ratio Lower Upper

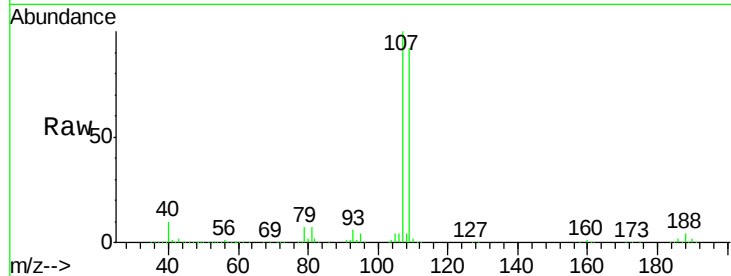
107 100

109 92.9 74.6 111.8

Manual Integrations
APPROVED

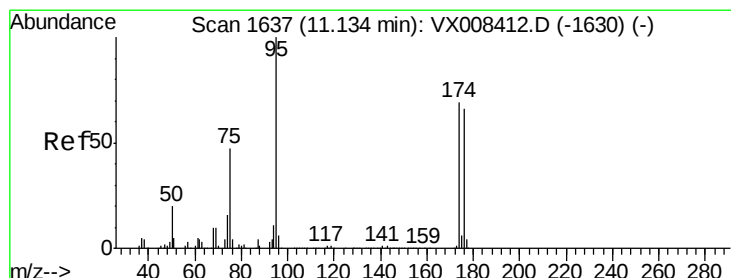
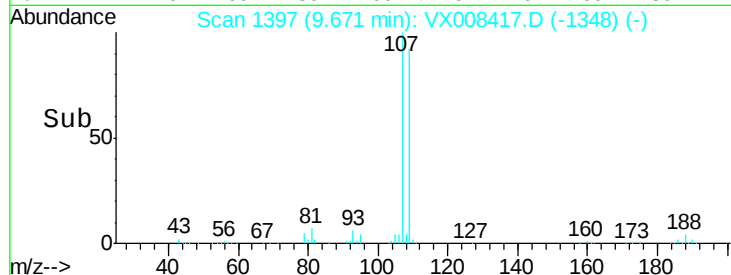
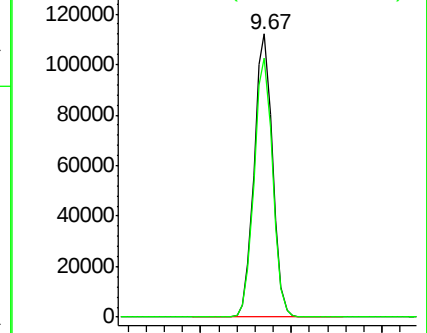
MMDadoda

3/27/2019 8:56:03 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.146 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

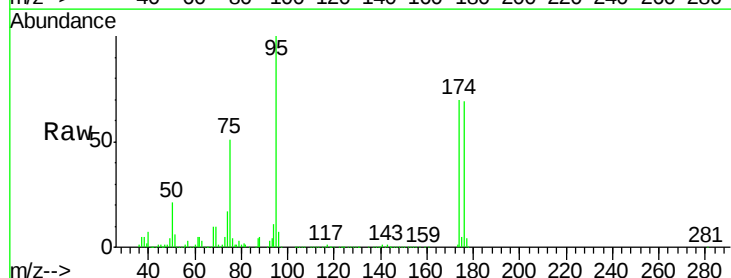
Tgt Ion: 95 Resp: 198108

Ion Ratio Lower Upper

95 100

174 74.4 0.0 147.2

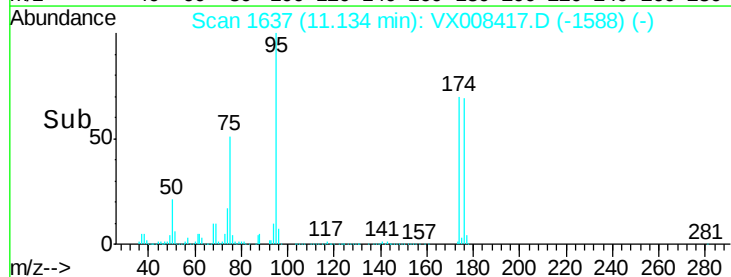
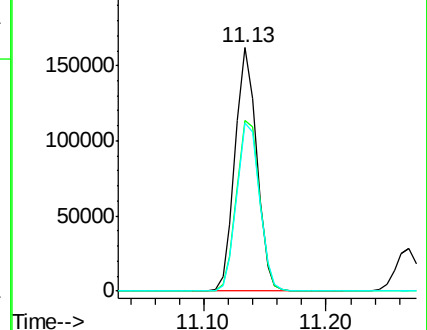
176 72.5 0.0 142.4

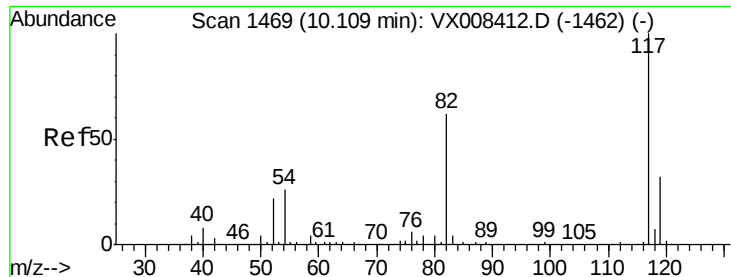


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





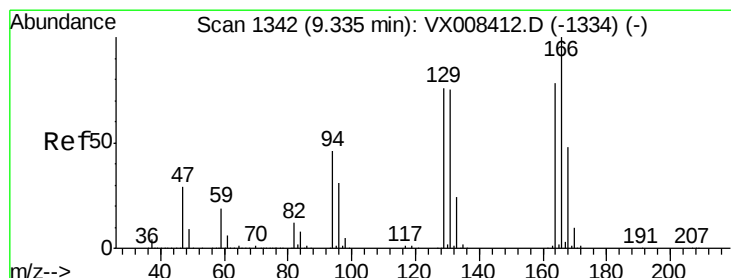
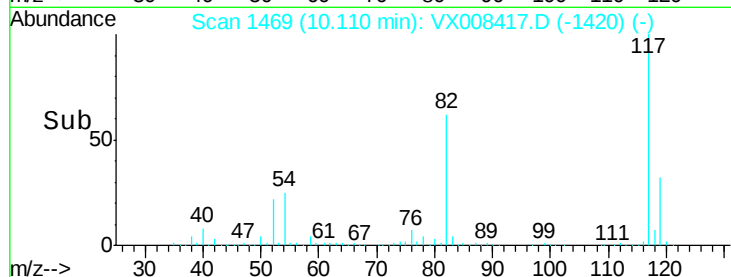
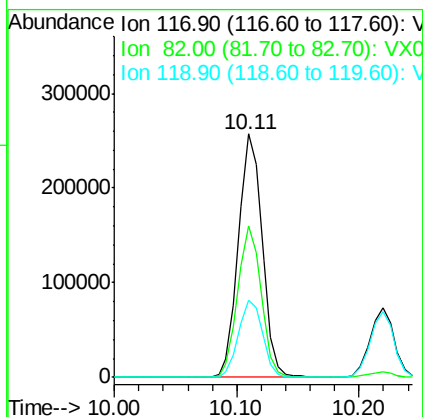
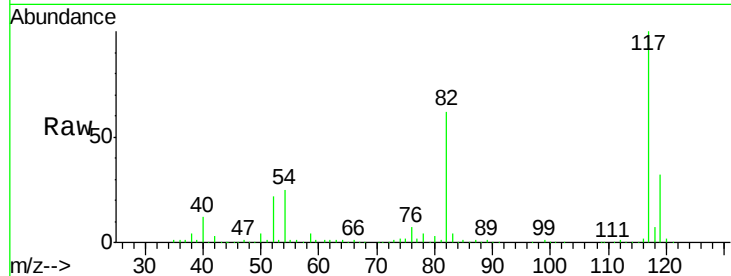
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	49.4	74.2
119	31.9	25.4	38.0

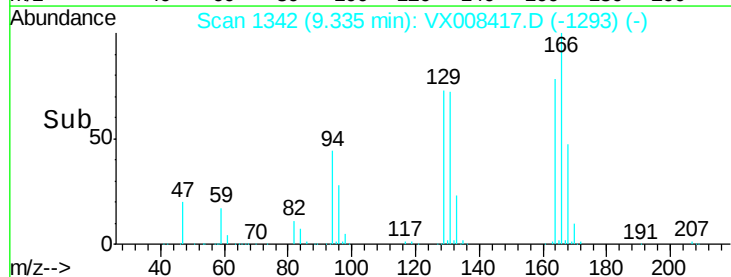
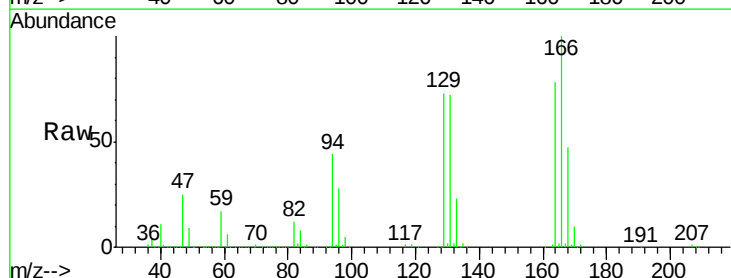
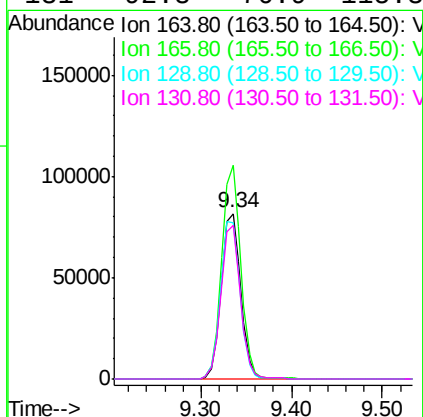
Manual Integrations
APPROVED

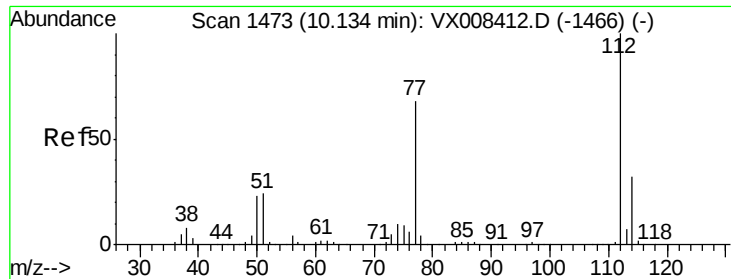
MMDadoda
3/27/2019 8:56:03 AM



#64
Tetrachloroethene
Concen: 52.315 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.5	153.7
129	94.3	77.8	116.8
131	92.8	76.9	115.3





#65

Chlorobenzene

Concen: 52.450 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion:112 Resp: 395436

Ion Ratio Lower Upper

112 100

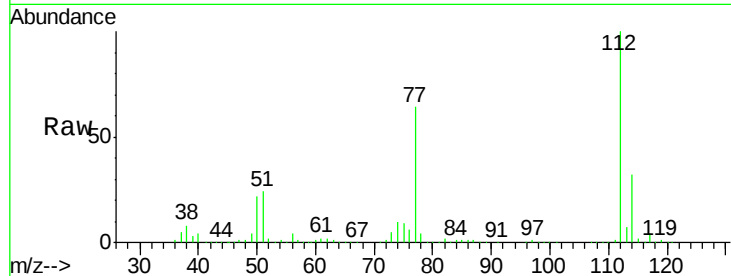
114 31.5 25.4 38.2

Manual Integrations

APPROVED

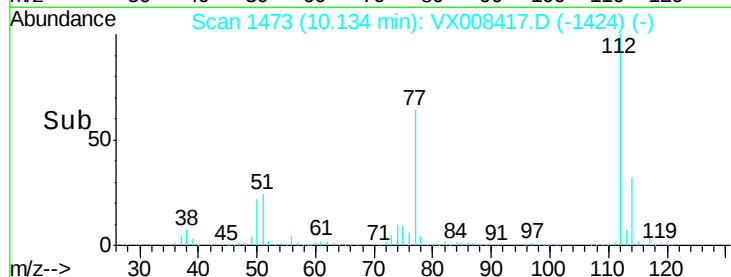
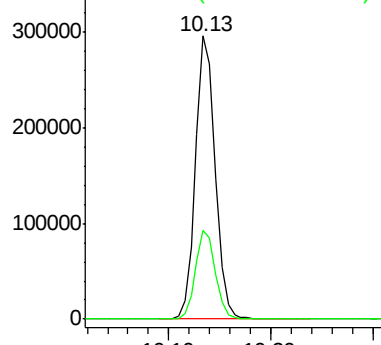
MMDadoda

3/27/2019 8:56:03 AM

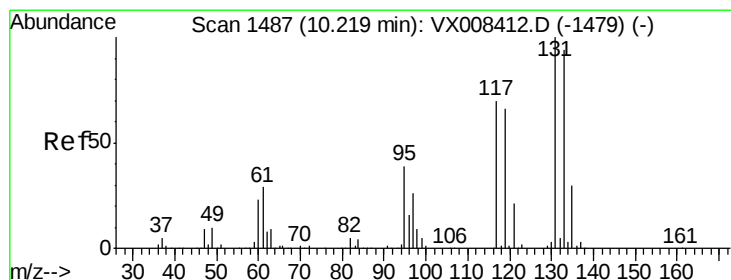


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.750 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

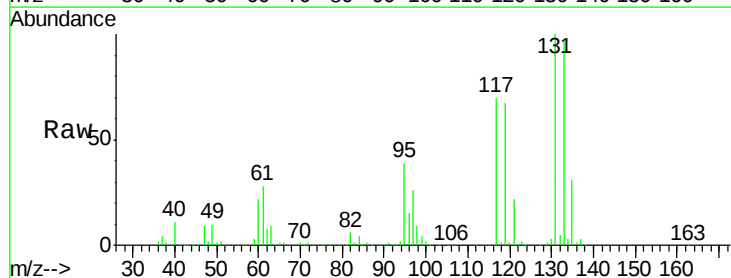
Tgt Ion:131 Resp: 139811

Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

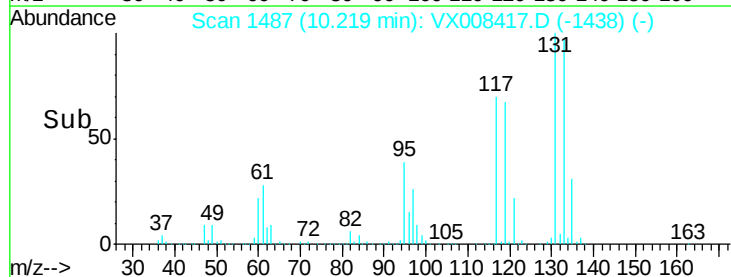
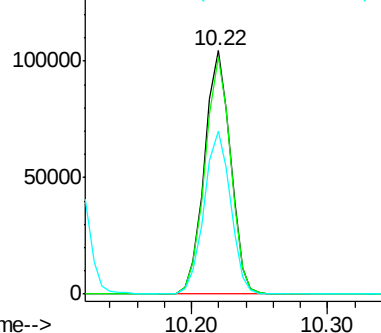
119 67.8 33.6 100.6



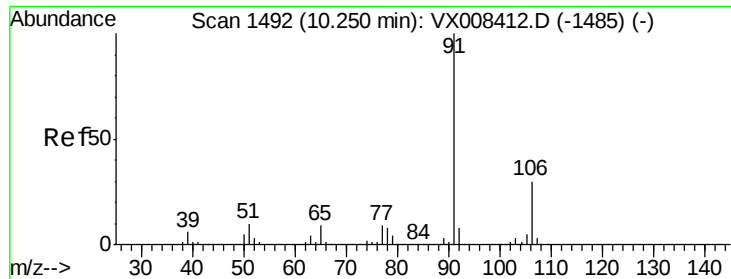
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->



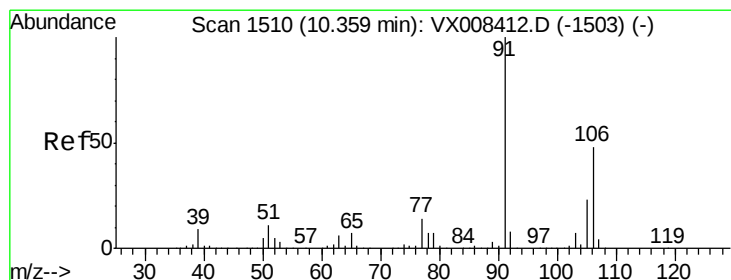
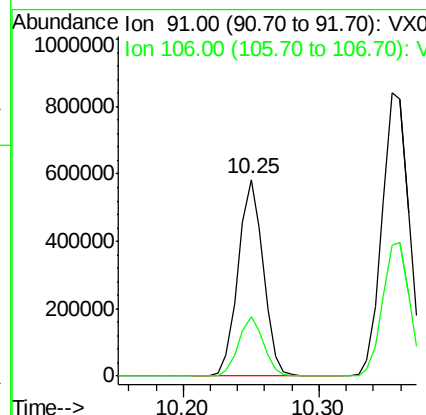
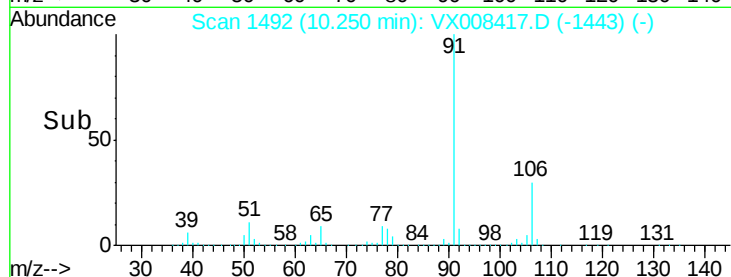
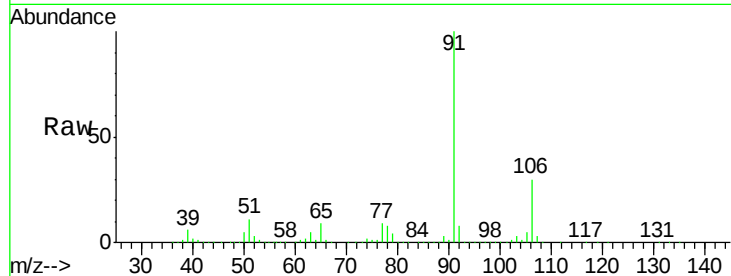
#67
Ethyl Benzene
Concen: 52.881 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion: 91 Resp: 752441
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

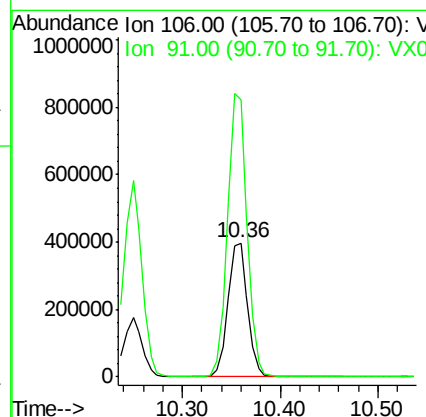
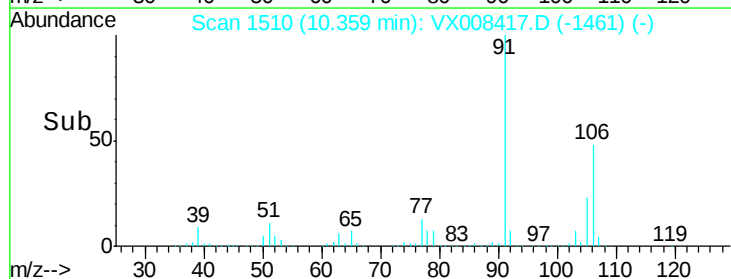
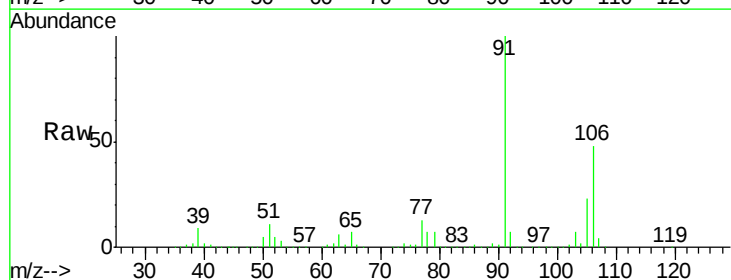
Manual Integrations
APPROVED

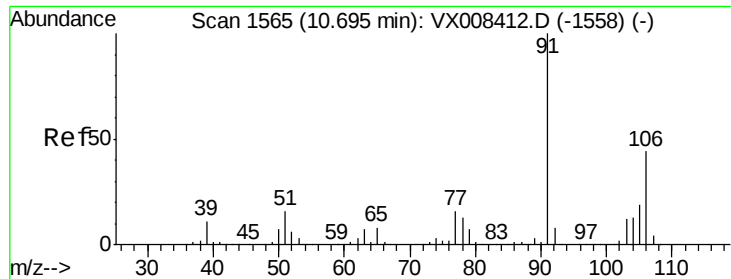
MMDadoda
3/27/2019 8:56:03 AM



#68
m/p-Xylenes
Concen: 105.934 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion: 106 Resp: 548355
Ion Ratio Lower Upper
106 100
91 211.6 168.6 253.0





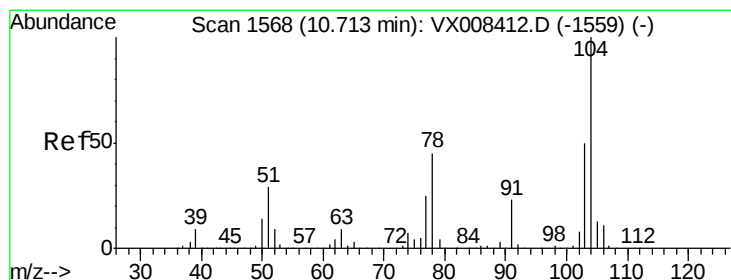
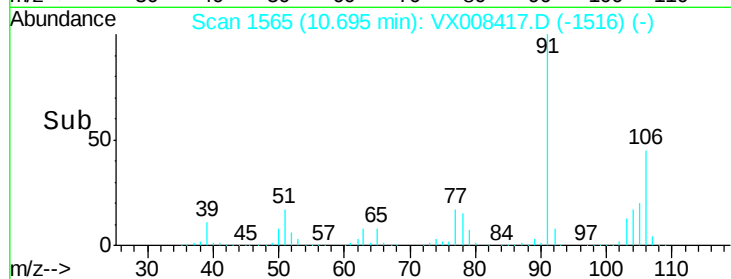
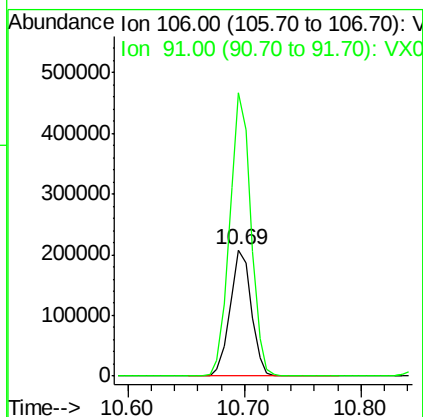
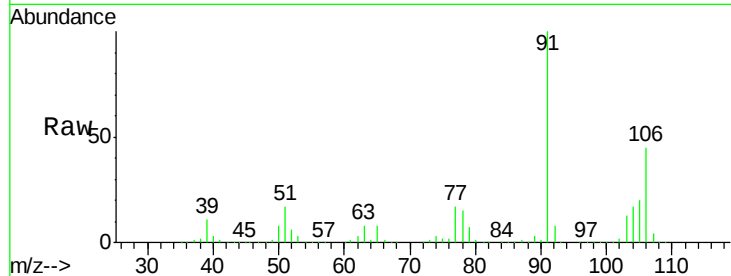
#69
o-Xylene
Concen: 52.856 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion:106 Resp: 265514
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2

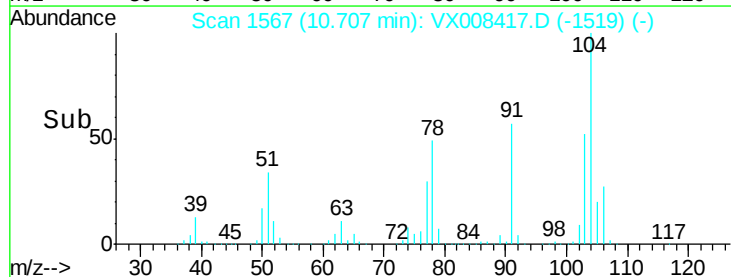
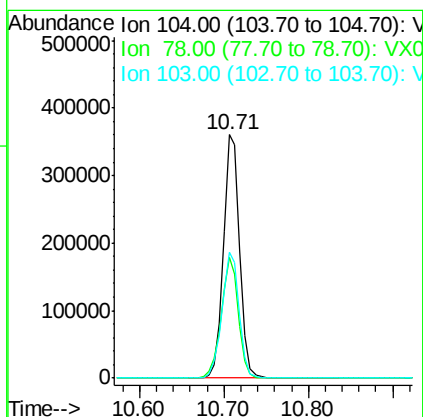
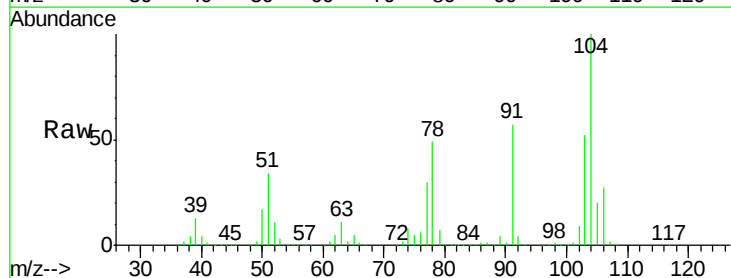
Manual Integrations
APPROVED

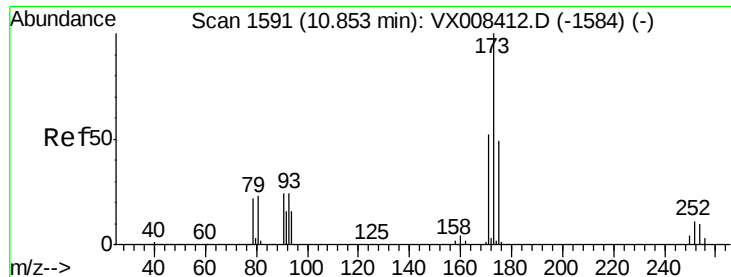
MMDadoda
3/27/2019 8:56:03 AM



#70
Styrene
Concen: 54.868 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion:104 Resp: 476099
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.0 44.2 66.4





#71

Bromoform

Concen: 54.990 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

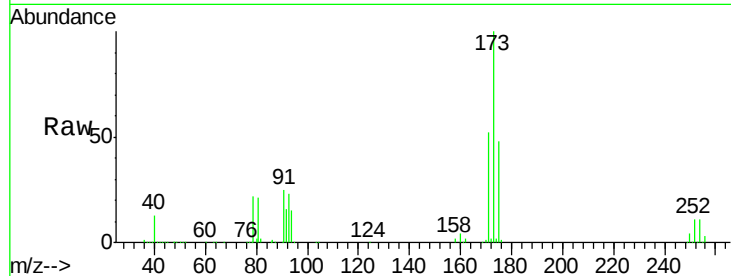
ClientSampleId :

ICVVX032519

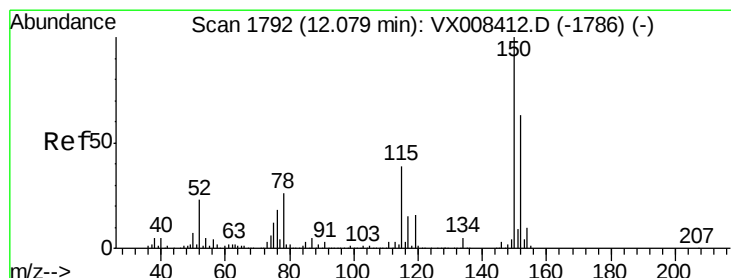
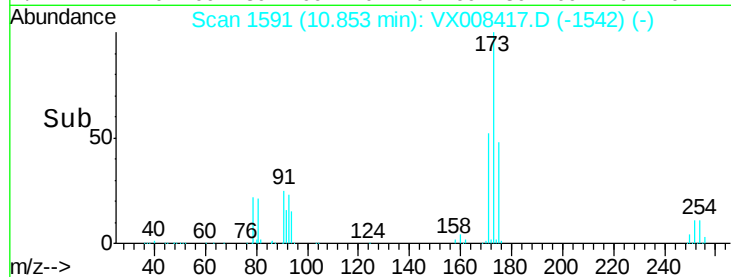
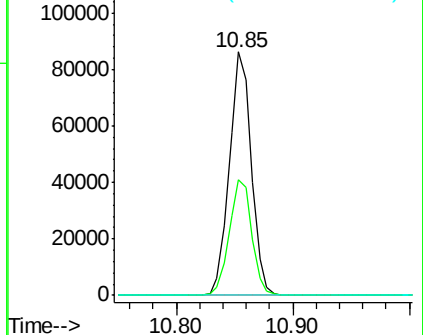
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		112960		
175	48.7	24.3	72.8		
254	0.1	0.2	0.2		

Manual Integrations
APPROVED

MMDadoda
3/27/2019 8:56:03 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

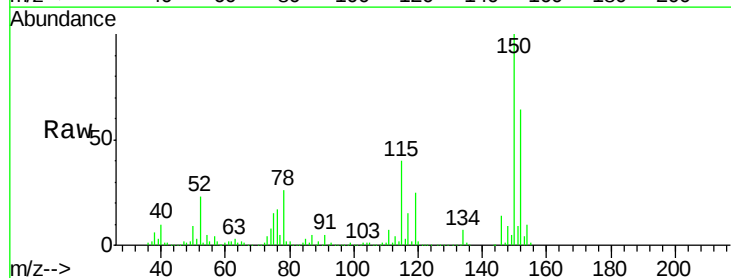
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

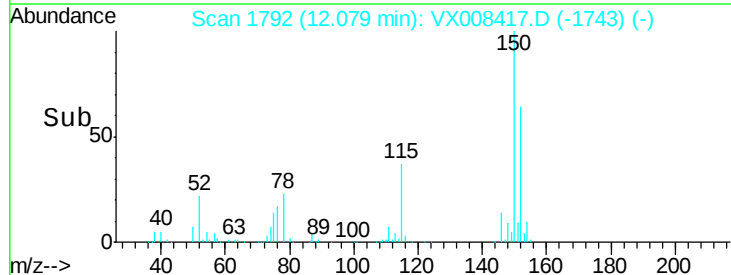
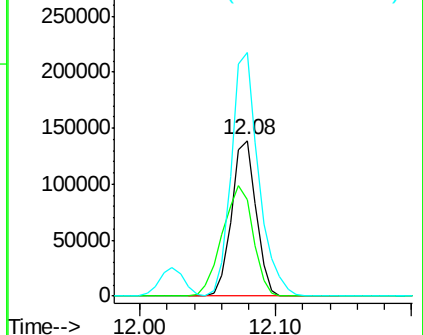
Lab File: VX008417.D

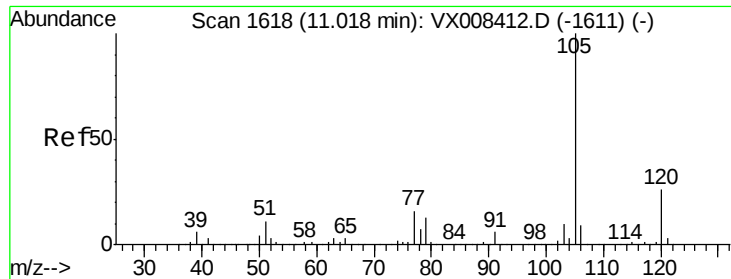
Acq: 25 Mar 2019 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		173103		
115	89.1	43.5	130.5		
150	174.9	0.0	348.8		



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.128 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 105 Resp: 720019

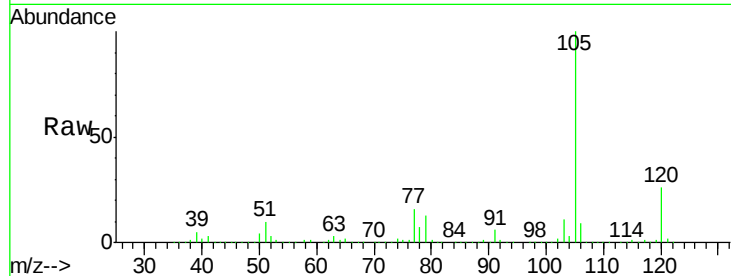
Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7

Manual Integrations
APPROVED

MMDadoda
3/27/2019 8:56:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

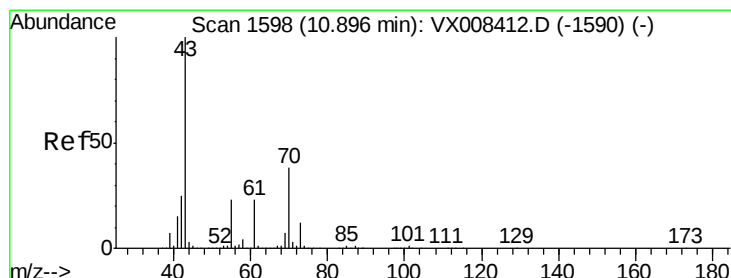
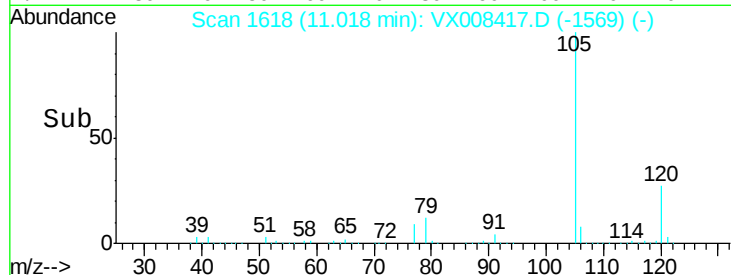
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.536 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion: 43 Resp: 411937

Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.7 18.2 27.2

61 23.1 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

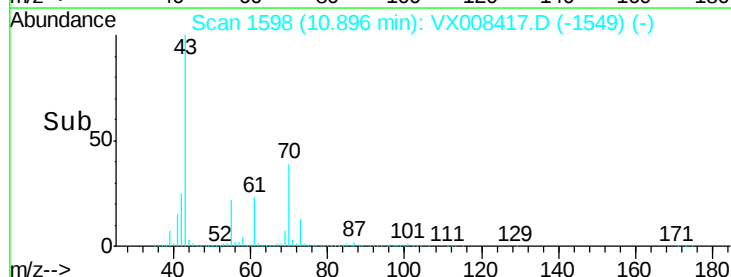
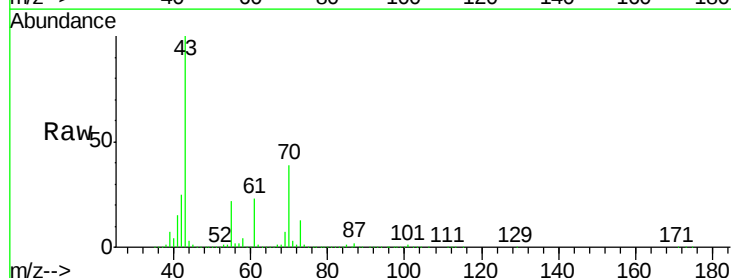
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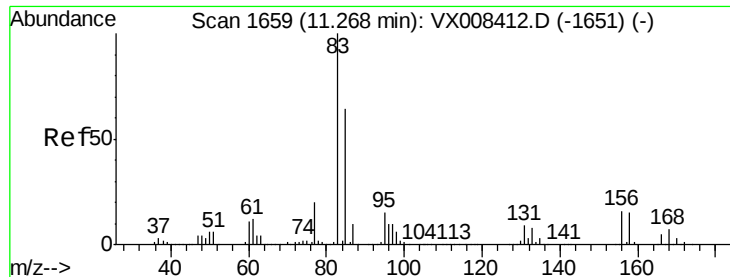
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.850 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

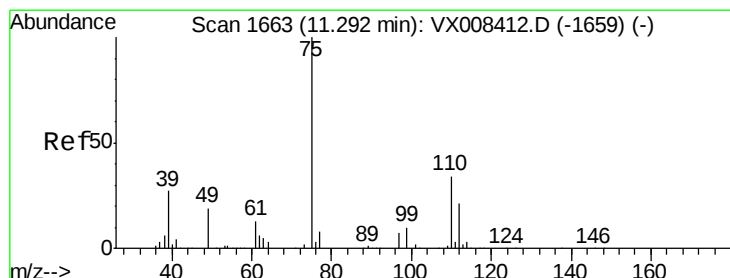
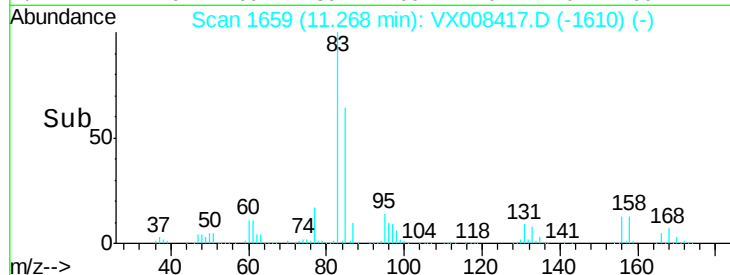
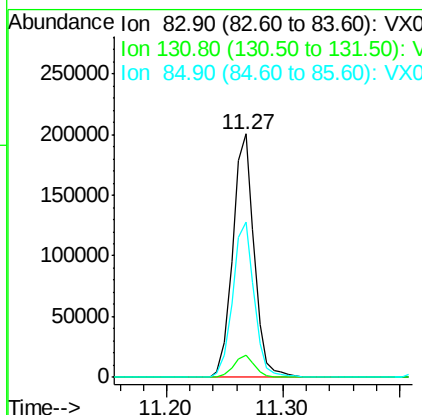
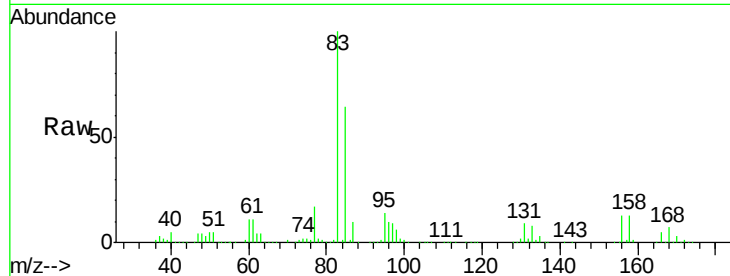
ClientSampleId :

ICVVX032519

Tot Ion:	83	Resp:	255994
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.5	13.4
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.405 ug/l m

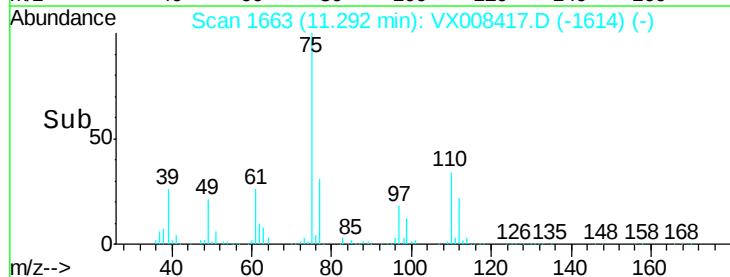
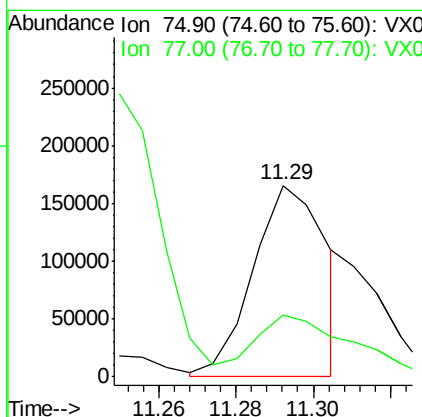
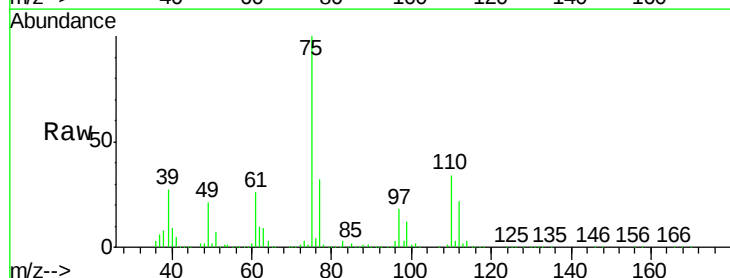
RT: 11.29 min Scan# 1663

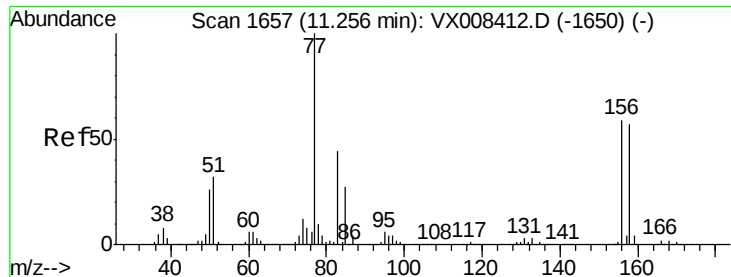
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion:	75	Resp:	218226
Ion Ratio	Lower	Upper	
75	100		
77	43.4	21.9	65.7





#77

Bromobenzene

Concen: 49.721 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

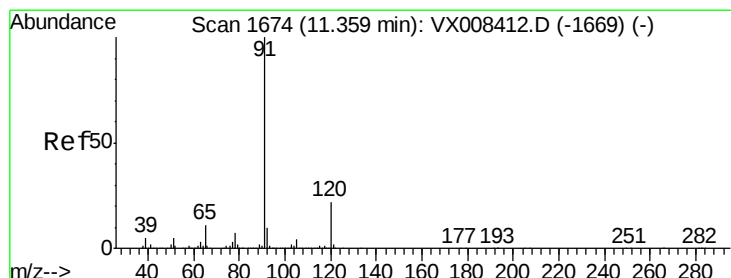
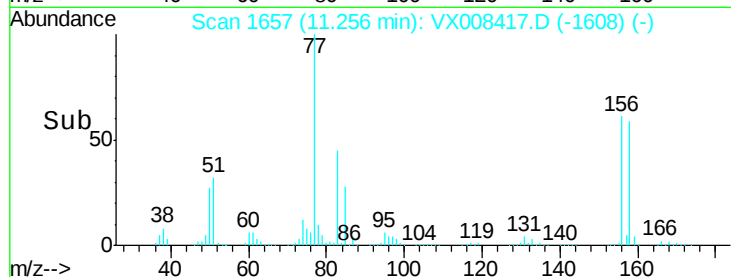
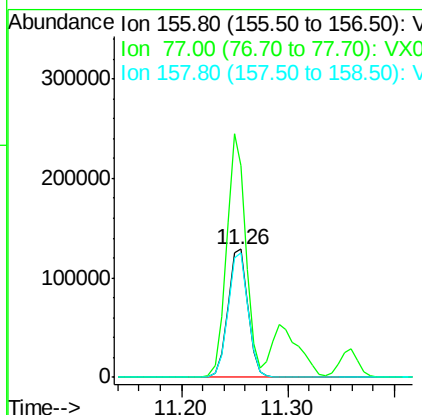
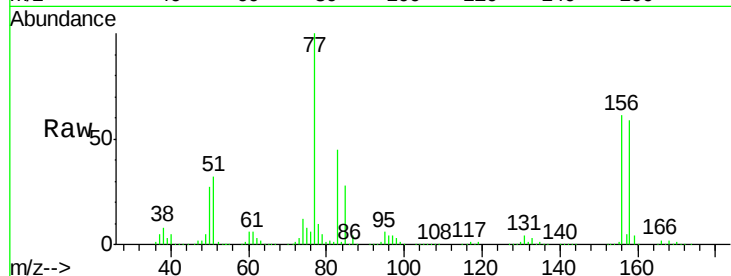
ClientSampleId :

ICVVX032519

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.0	91.1	273.3
158	97.0	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.581 ug/l

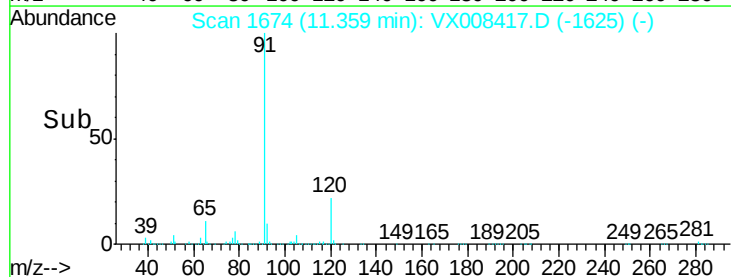
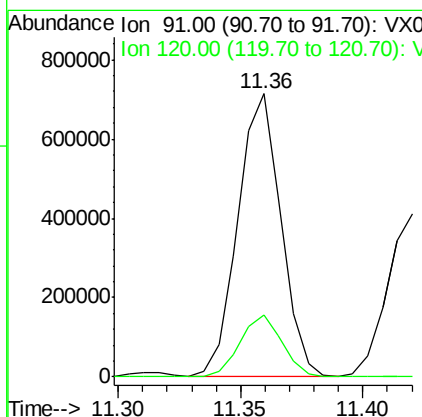
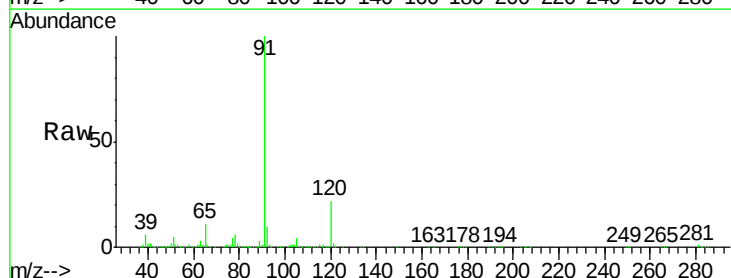
RT: 11.36 min Scan# 1674

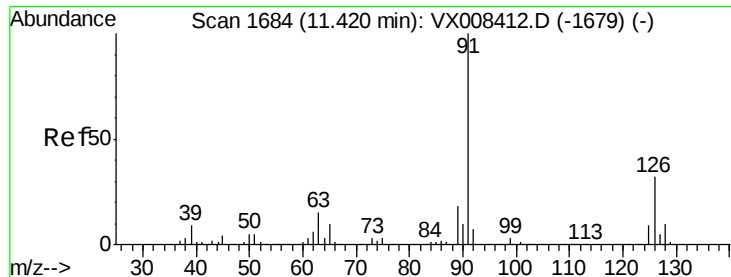
Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4





#79

2-Chlorotoluene

Concen: 50.500 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion: 91 Resp: 506723

Ion Ratio Lower Upper

91 100

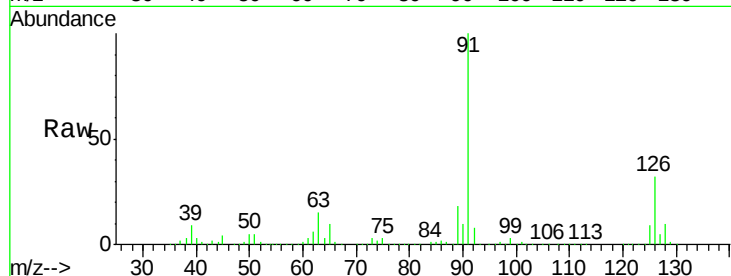
126 31.7 15.7 47.1

Manual Integrations

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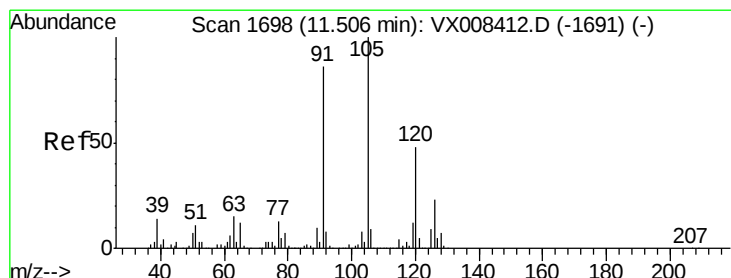
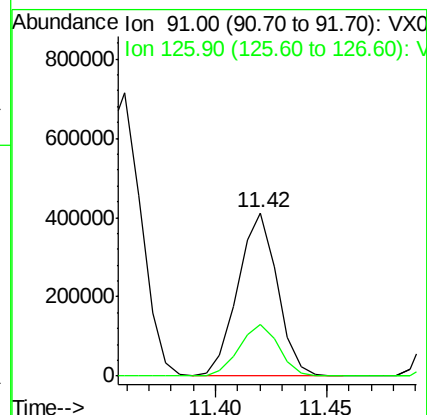
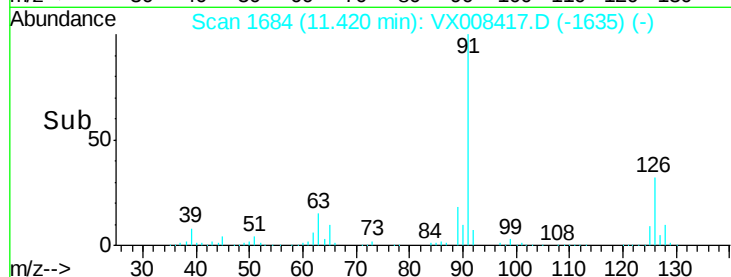
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Abundance Ion 91.00 (90.70 to 91.70): VX008417.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX008417.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.019 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008417.D

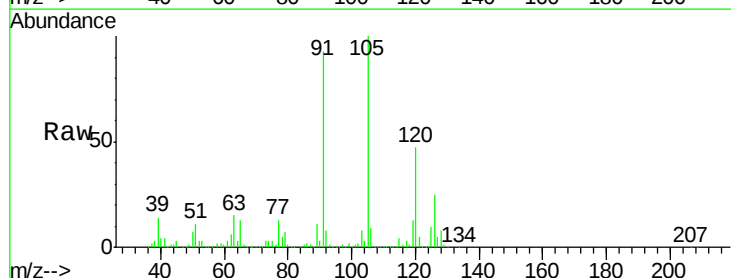
Acq: 25 Mar 2019 17:47

Tgt Ion:105 Resp: 619330

Ion Ratio Lower Upper

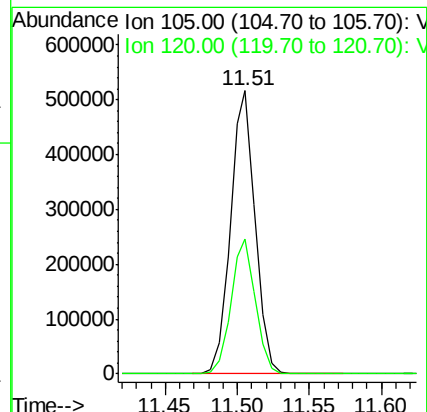
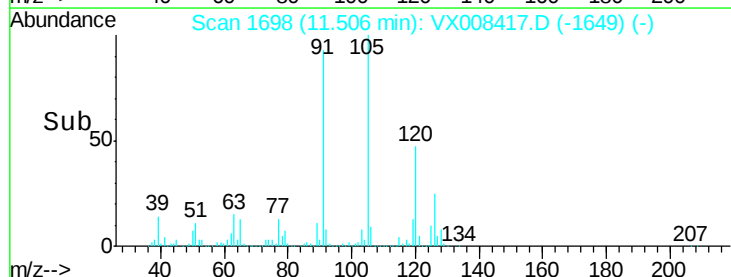
105 100

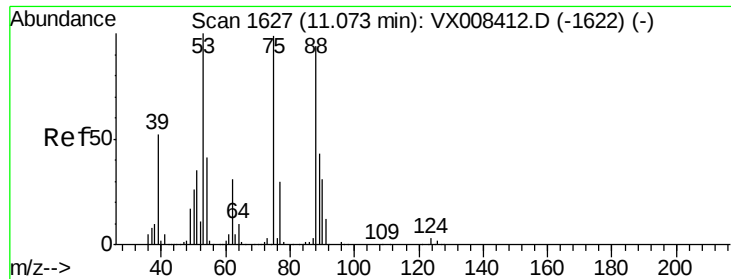
120 47.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008417.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX008417.D (-1649) (-)





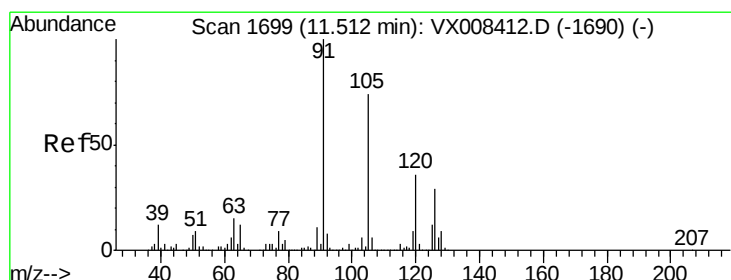
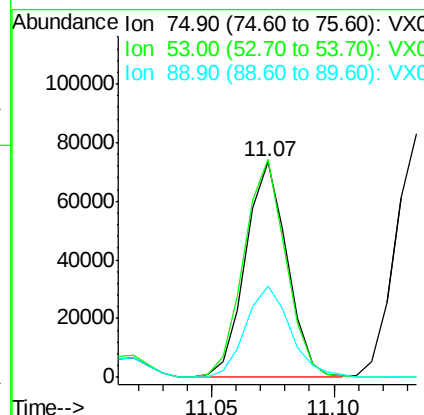
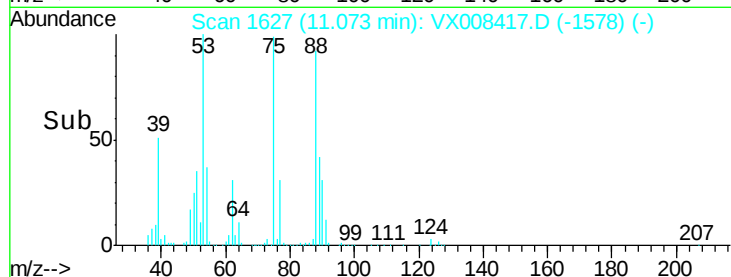
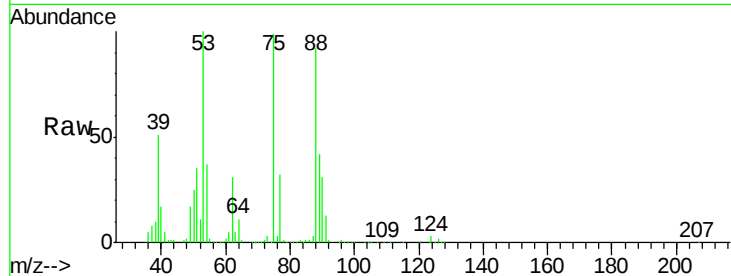
#81
trans-1,4-Dichloro-2-butene
Concen: 53.901 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	82.1	123.1
89	46.0	34.6	52.0

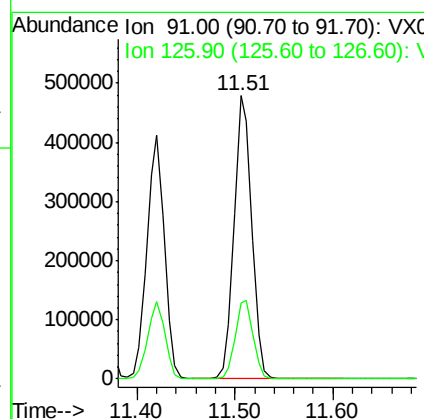
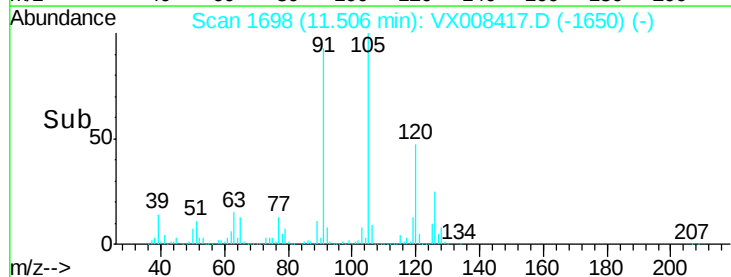
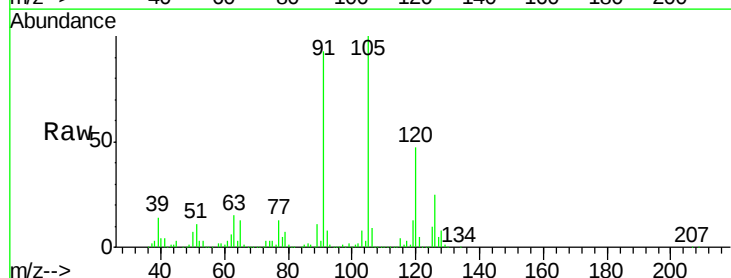
Manual Integrations
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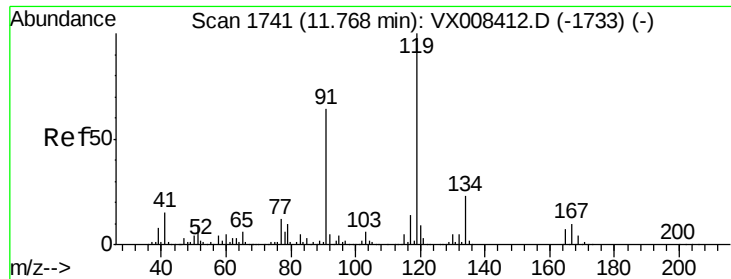
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#82
4-Chlorotoluene
Concen: 51.734 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	13.9	41.7





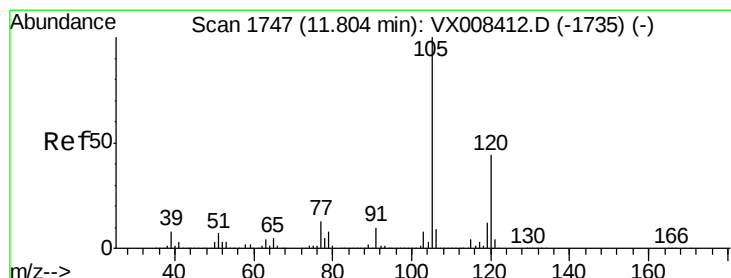
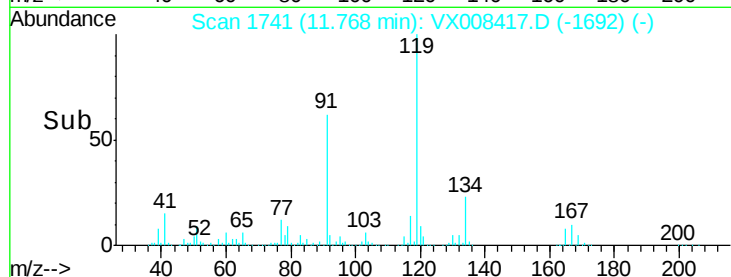
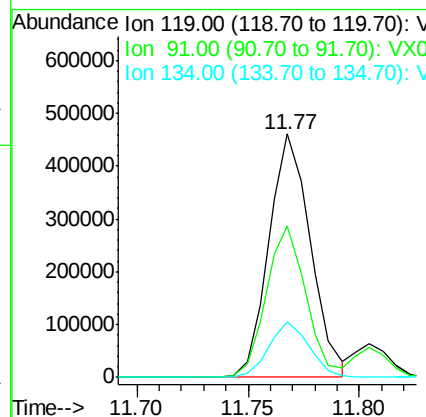
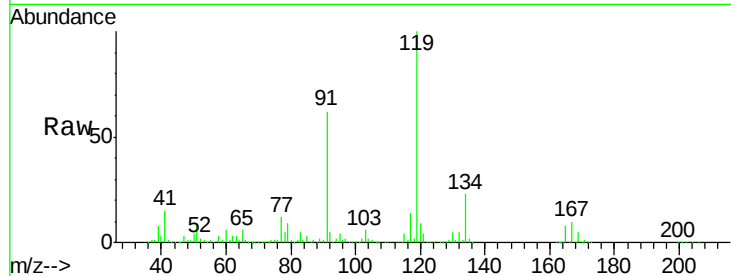
#83
 tert-Butylbenzene
 Concen: 52.116 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Resp	Lower	Upper
119	100	598641		
91	59.5		30.1	90.3
134	21.9		10.9	32.9

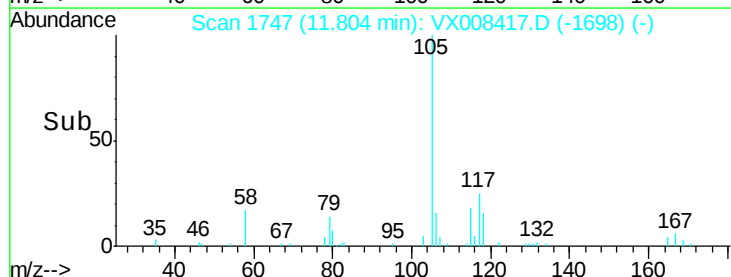
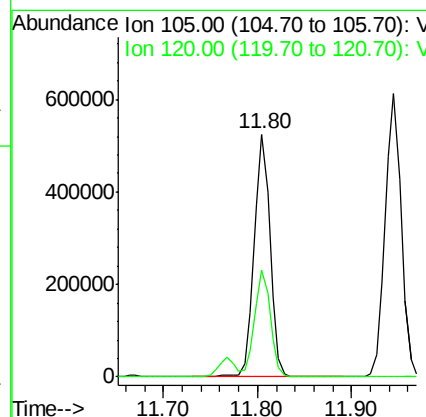
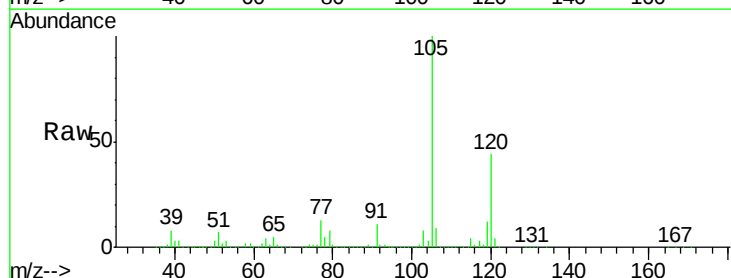
Manual Integrations
 APPROVED

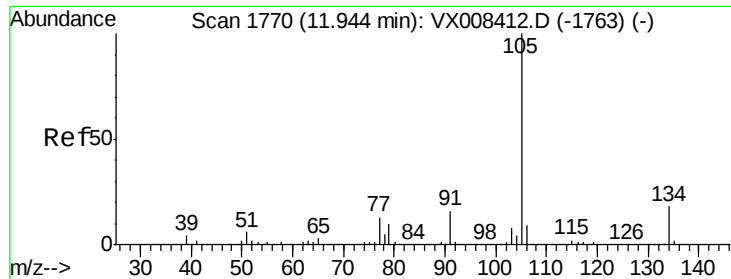
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.635 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621801		
120	44.0		21.6	65.0





#85

sec-Butylbenzene

Concen: 53.096 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032519

Tot Ion:105 Resp: 726314

Ion Ratio Lower Upper

105 100

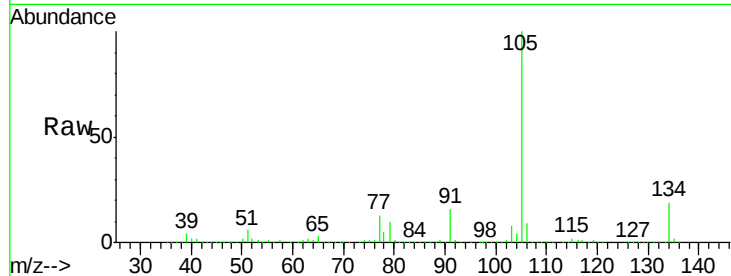
134 18.9 9.3 28.0

Manual Integrations

APPROVED

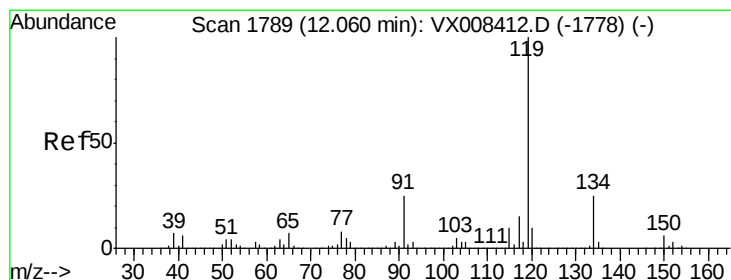
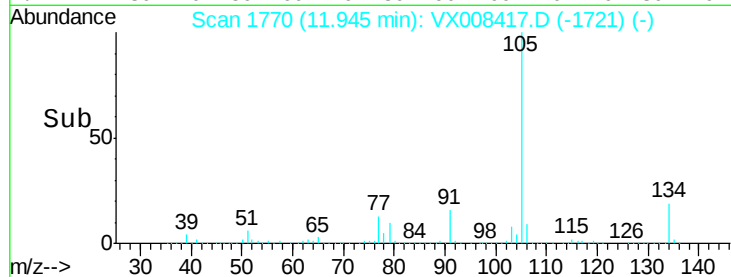
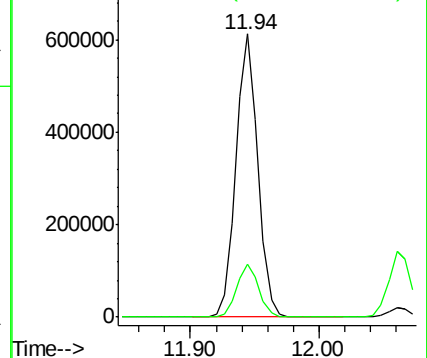
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.394 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008417.D

Acq: 25 Mar 2019 17:47

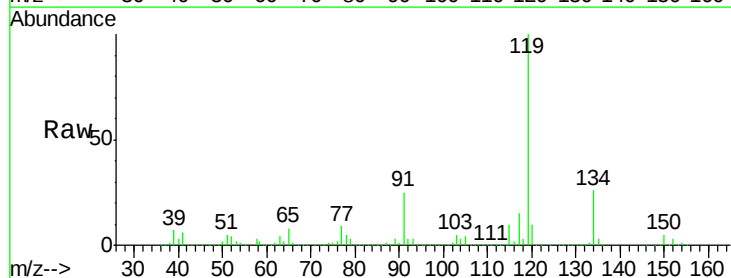
Tgt Ion:119 Resp: 656556

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

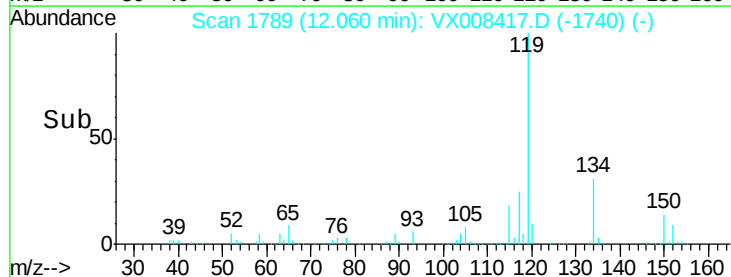
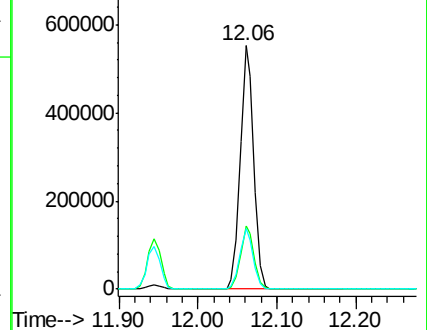
91 24.6 12.4 37.0

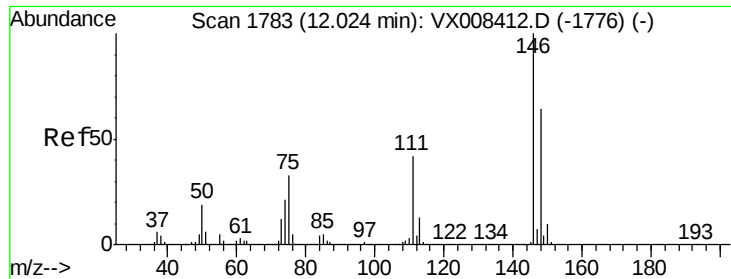


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





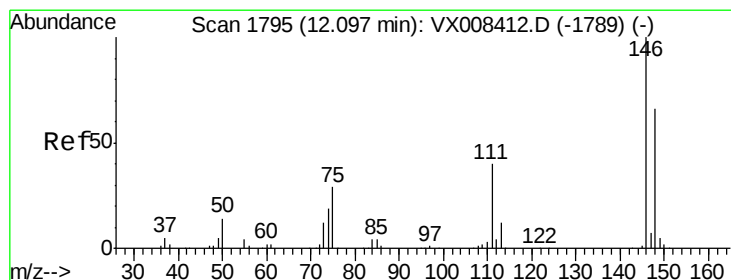
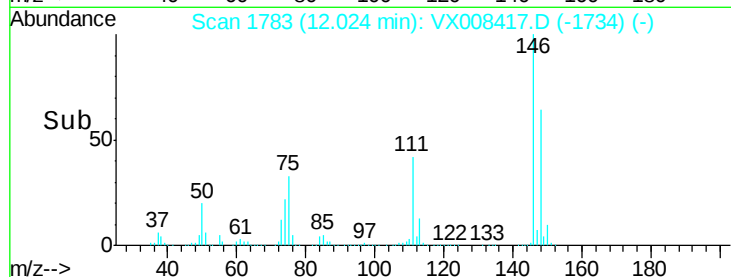
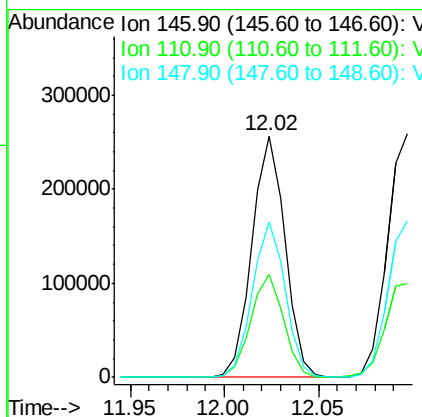
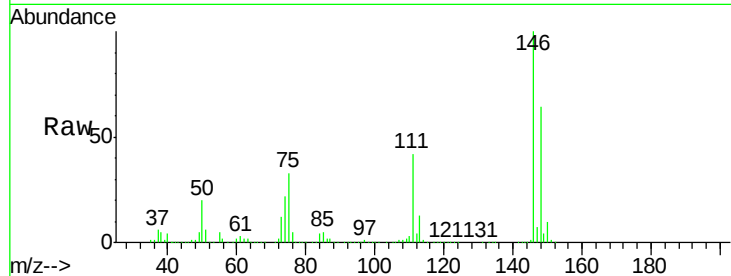
#87
 1,3-Dichlorobenzene
 Concen: 51.118 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.5
148	63.8	32.0	96.0

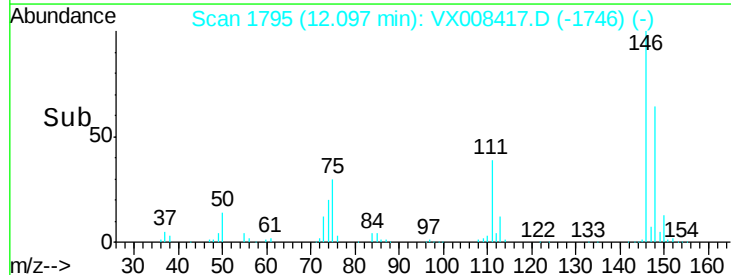
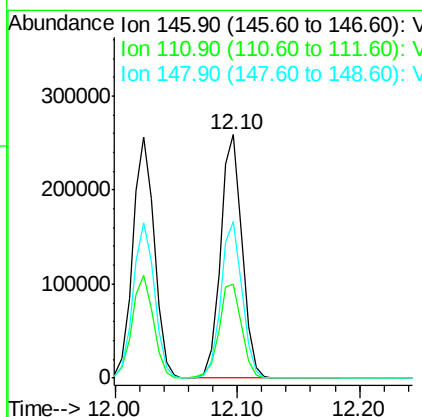
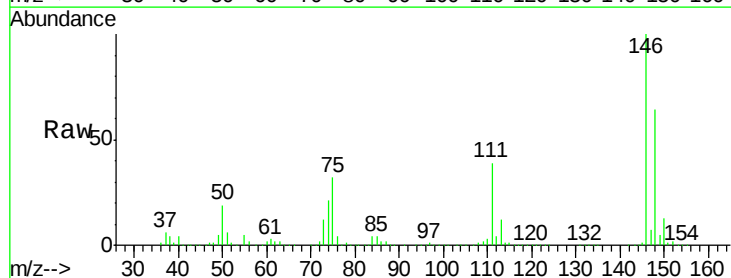
Manual Integrations
 APPROVED

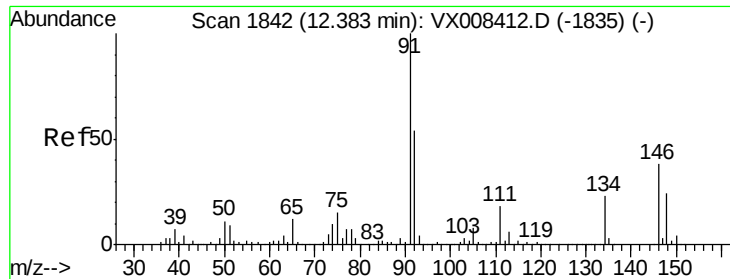
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#88
 1,4-Dichlorobenzene
 Concen: 51.044 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.8	32.1	96.5





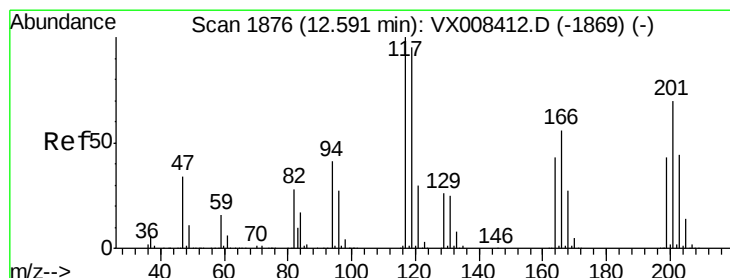
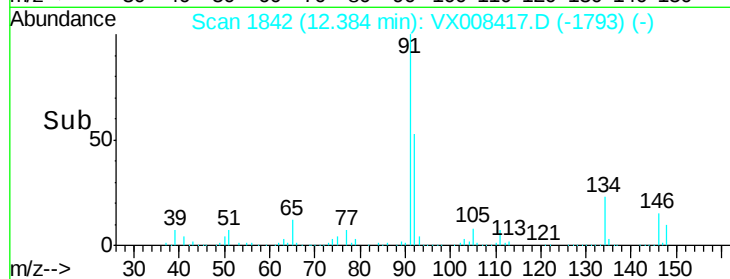
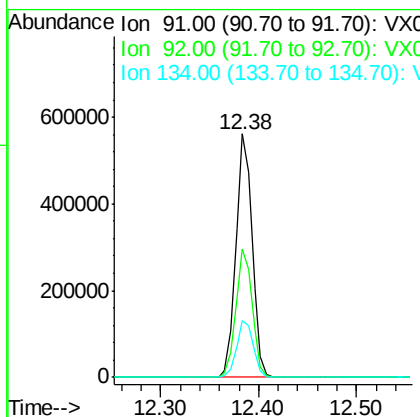
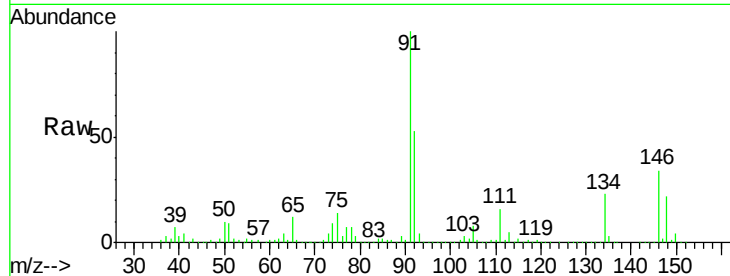
#89
n-Butylbenzene
Concen: 56.474 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	23.7	11.8	35.4

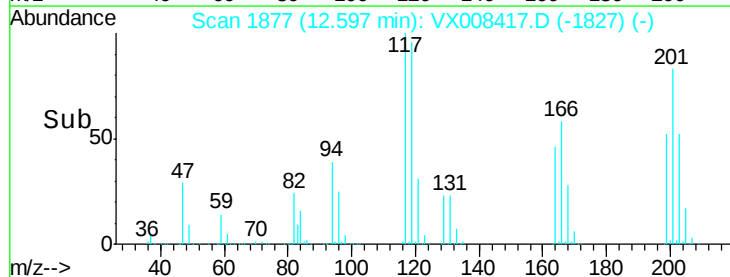
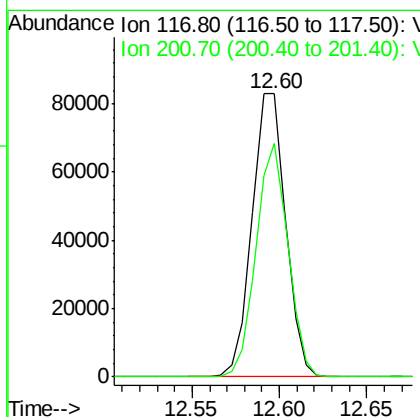
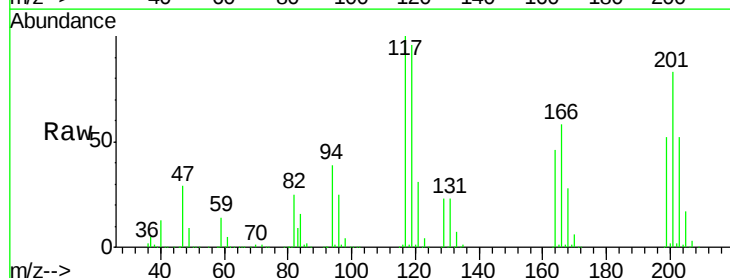
Manual Integrations
APPROVED

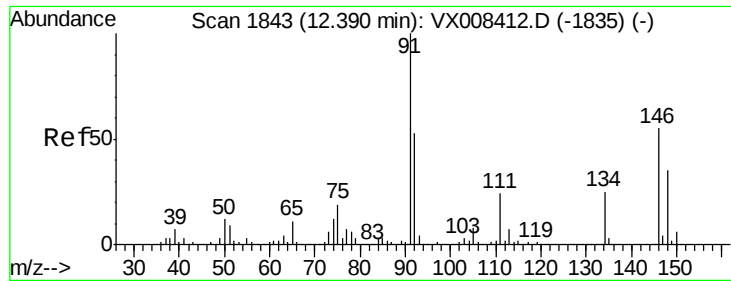
MMDadoda
3/27/2019 8:56:03 AM



#90
Hexachloroethane
Concen: 55.279 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.4	118.1





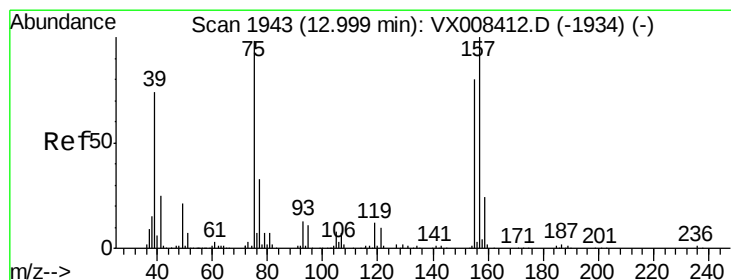
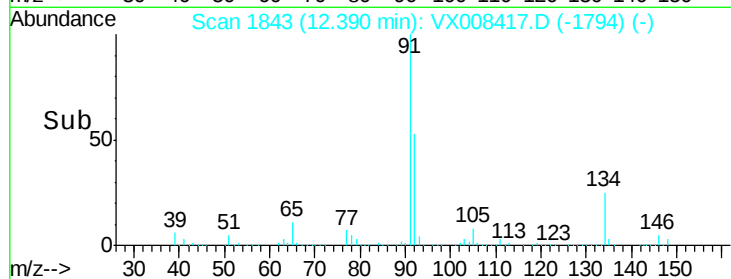
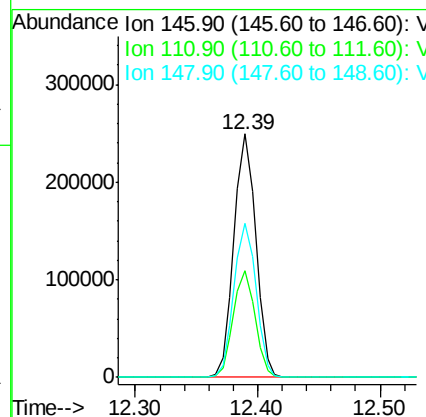
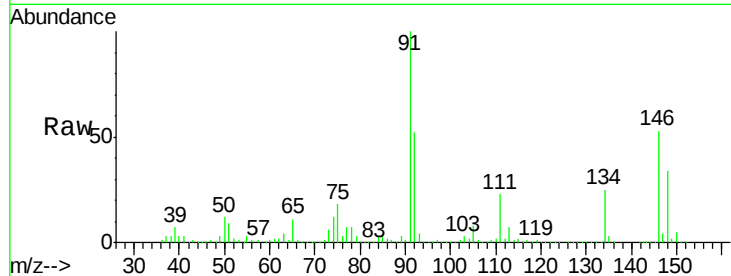
#91
 1,2-Dichlorobenzene
 Concen: 50.476 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.8	31.9	95.7

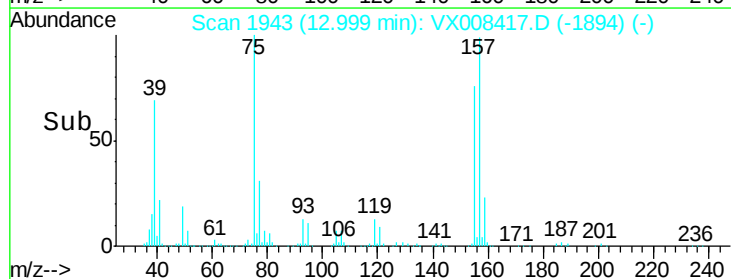
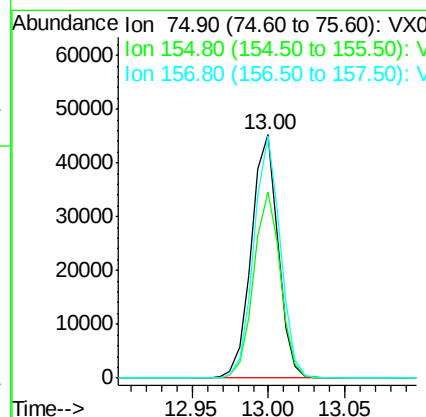
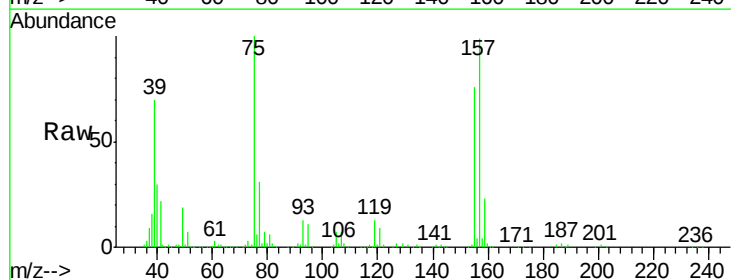
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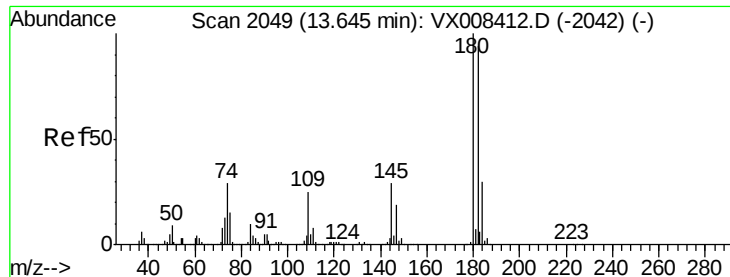
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 3/27/2019 8:56:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.039 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.5	118.5
157	98.7	49.9	149.7





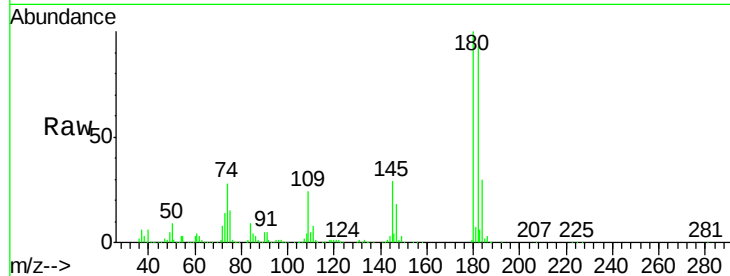
#93
 1,2,4-Trichlorobenzene
 Concen: 53.651 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032519

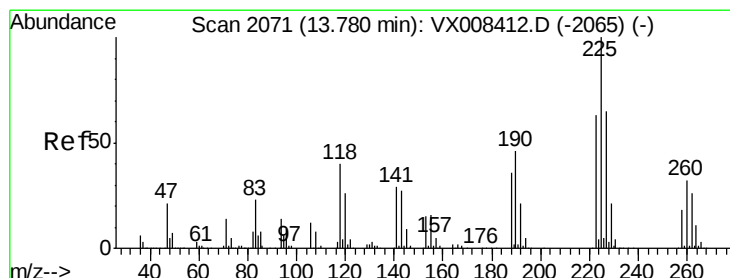
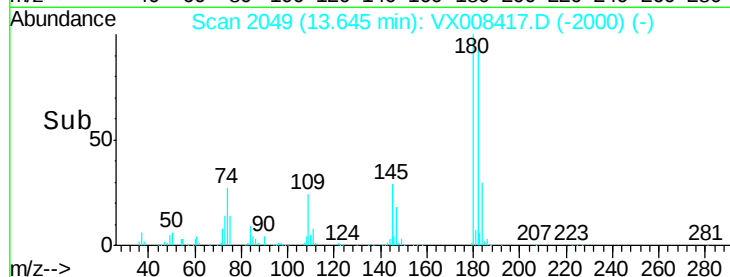
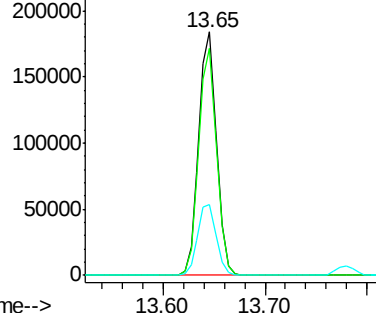
Tot Ion	Ratio	Resp	Lower	Upper
180	100	220895		
182	93.6	47.3	142.0	
145	30.4	15.3	45.8	

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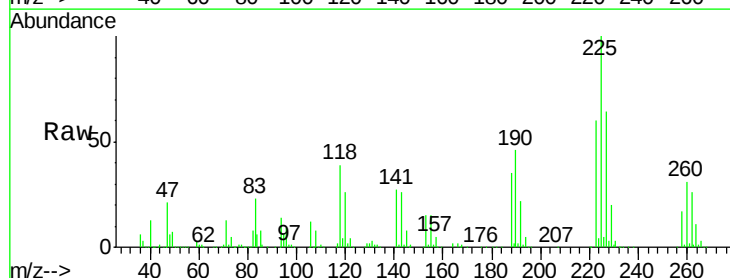


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

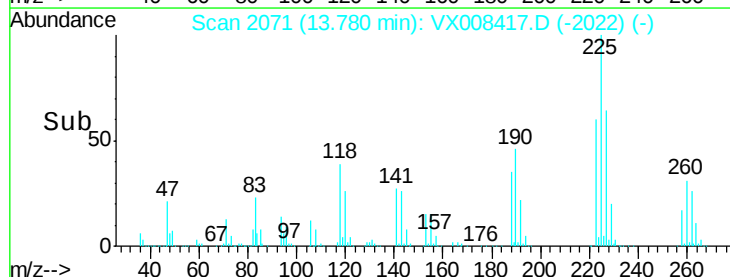
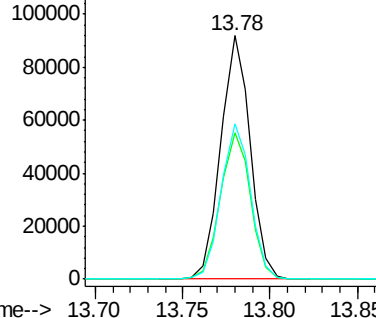


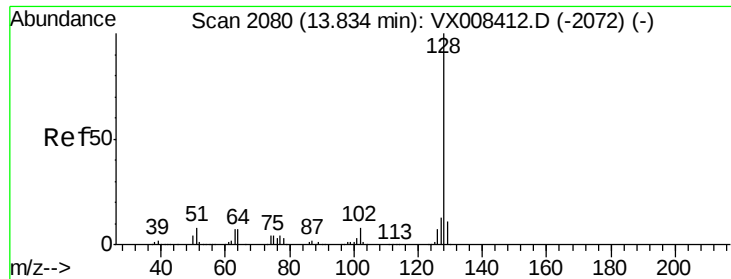
#94
 Hexachlorobutadiene
 Concen: 55.171 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008417.D
 Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107861		
223	61.7	31.4	94.0	
227	63.8	31.9	95.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





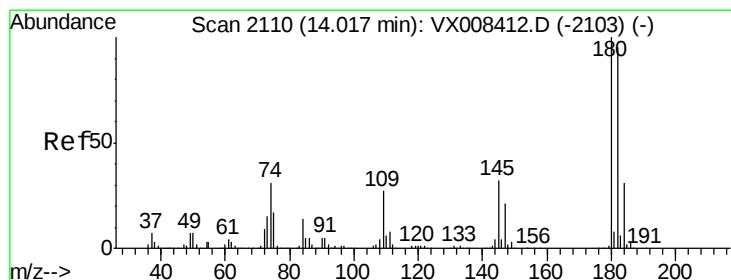
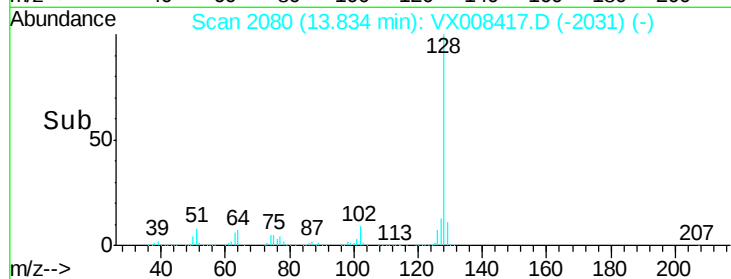
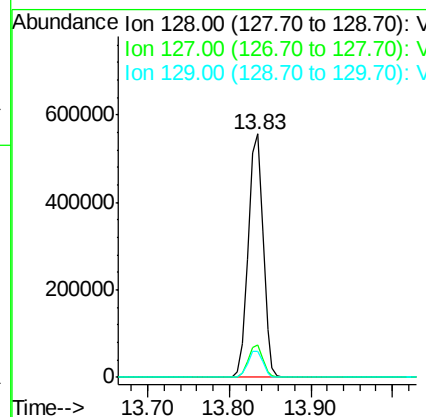
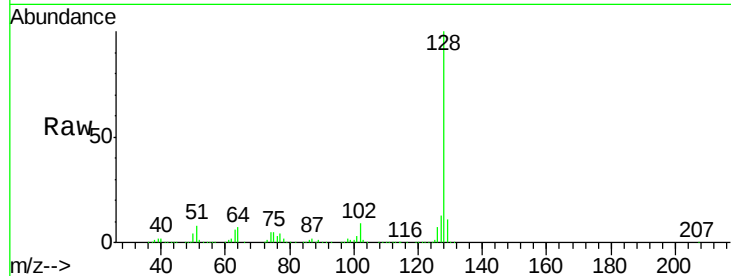
#95
Naphthalene
Concen: 49.405 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032519

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 52.064 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008417.D
Acq: 25 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	32.1	16.2	48.5

