

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008614.D
 Acq On : 03 Apr 2019 13:16
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:45 PM

Quant Time: Apr 04 05:51:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	169930	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.49	113	126300	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.71	98	519146	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	191562	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142813	49.966	ug/l	98
3) Chloromethane	1.32	50	190439	54.519	ug/l	99
4) Vinyl Chloride	1.40	62	185881	48.108	ug/l	100
5) Bromomethane	1.64	94	92780	48.793	ug/l	99
6) Chloroethane	1.71	64	112779	53.669	ug/l	100
7) Trichlorofluoromethane	1.92	101	210744	49.342	ug/l	98
8) Diethyl Ether	2.18	74	96683	47.734	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138493	50.363	ug/l	99
10) Methyl Iodide	2.51	142	119398	47.861	ug/l	99
11) Tert butyl alcohol	3.06	59	210664	248.458	ug/l	100
12) 1,1-Dichloroethene	2.37	96	137399	47.864	ug/l	99
13) Acrolein	2.29	56	93450	222.274	ug/l	97
14) Allyl chloride	2.72	41	323620	49.245	ug/l	99
15) Acrylonitrile	3.14	53	536938	239.043	ug/l	99
16) Acetone	2.44	43	516243	247.481	ug/l	99
17) Carbon Disulfide	2.56	76	423263	51.075	ug/l	99
18) Methyl Acetate	2.77	43	231087	45.677	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	506910	49.446	ug/l	98
20) Methylene Chloride	2.85	84	163120	46.716	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	149148	48.034	ug/l	95
22) Diisopropyl ether	3.85	45	603683	47.661	ug/l	99
23) Vinyl Acetate	3.81	43	2750209	249.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	304716	48.590	ug/l	99
25) 2-Butanone	4.67	43	815286	247.283	ug/l	99
26) 2,2-Dichloropropane	4.57	77	225174	50.980	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	170324	47.710	ug/l	100
28) Bromochloromethane	5.01	49	128350	48.931	ug/l	99
29) Tetrahydrofuran	5.12	42	513124	234.488	ug/l	100
30) Chloroform	5.21	83	271277	48.432	ug/l	100
31) Cyclohexane	5.57	56	304541	48.668	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	225204	49.754	ug/l	100
36) 1,1-Dichloropropene	5.79	75	219409	49.383	ug/l	100
37) Ethyl Acetate	4.83	43	296321	49.966	ug/l	100
38) Carbon Tetrachloride	5.78	117	189388	51.502	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284703	51.872	ug/l	99
40) Benzene	6.14	78	658312	49.735	ug/l	100
41) Methacrylonitrile	5.04	41	167574	49.158	ug/l	100
42) 1,2-Dichloroethane	6.19	62	229538	48.373	ug/l	99
43) Isopropyl Acetate	6.44	43	472698	50.882	ug/l	100
44) Trichloroethene	7.21	130	155152	50.328	ug/l	99
45) 1,2-Dichloropropane	7.51	63	186028	49.240	ug/l	99
46) Dibromomethane	7.66	93	106853	48.766	ug/l	100
47) Bromodichloromethane	7.90	83	215193	52.087	ug/l	99
48) Methyl methacrylate	7.77	41	240997	51.282	ug/l	100
49) 1,4-Dioxane	7.74	88	88537	1005.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1540674	257.620	ug/l	100
52) Toluene	8.78	92	396178	50.769	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254010	54.887	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	278284	52.626	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	157181	50.180	ug/l	98
56) Ethyl methacrylate	9.18	69	300607	53.041	ug/l	99
57) 1,3-Dichloropropane	9.37	76	281934	50.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	779240	269.268	ug/l	99
59) 2-Hexanone	9.49	43	1187960	255.604	ug/l	100
60) Dibromochloromethane	9.58	129	156499	53.020	ug/l	98
61) 1,2-Dibromoethane	9.67	107	163598	50.169	ug/l	99
64) Tetrachloroethene	9.34	164	131039	48.329	ug/l	98
65) Chlorobenzene	10.13	112	406992	50.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	145616	51.167	ug/l	100
67) Ethyl Benzene	10.25	91	769659	50.881	ug/l	98
68) m/p-Xylenes	10.36	106	561364	103.214	ug/l	99
69) o-Xylene	10.69	106	272448	51.689	ug/l	98
70) Styrene	10.71	104	477492	52.554	ug/l	100
71) Bromoform	10.85	173	117185	53.914	ug/l #	100
73) Isopropylbenzene	11.02	105	726734	49.655	ug/l	100
74) N-amyl acetate	10.90	43	419411	48.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	255751	45.948	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	221412m	45.639	ug/l	
77) Bromobenzene	11.26	156	171852	48.844	ug/l	100
78) n-propylbenzene	11.36	91	866991	50.876	ug/l	100
79) 2-Chlorotoluene	11.42	91	503871	48.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	615940	50.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92269	52.427	ug/l	100
82) 4-Chlorotoluene	11.51	91	588942	49.337	ug/l	99
83) tert-Butylbenzene	11.77	119	586503	49.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	625769	50.304	ug/l	100
85) sec-Butylbenzene	11.94	105	715464	50.962	ug/l	99
86) p-Isopropyltoluene	12.06	119	649054	51.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311318	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311097	48.775	ug/l	99
89) n-Butylbenzene	12.38	91	627876	53.132	ug/l	100
90) Hexachloroethane	12.60	117	110075	52.668	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304009	48.611	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58464	47.747	ug/l	99

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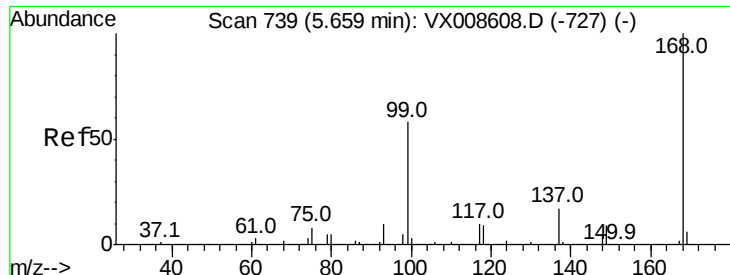
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	219175	50.405	ug/l	99
94) Hexachlorobutadiene	13.78	225	107036	51.328	ug/l	100
95) Naphthalene	13.83	128	714930	49.194	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213310	49.099	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: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:168 Resp: 248307

Ion Ratio Lower Upper

168 100

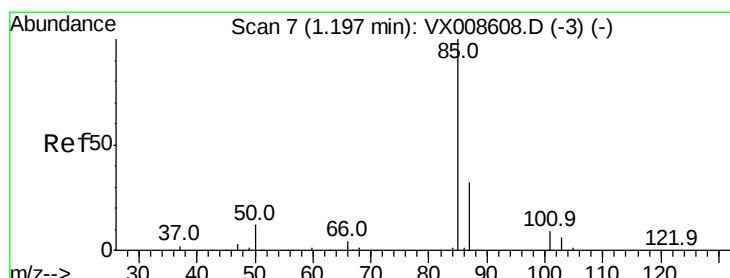
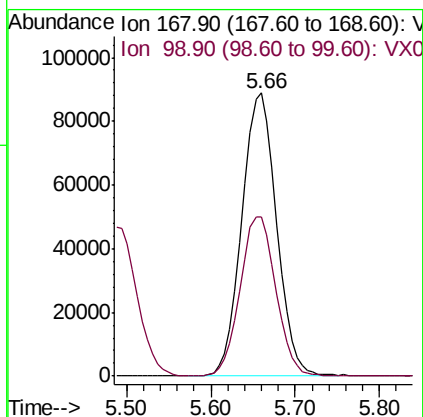
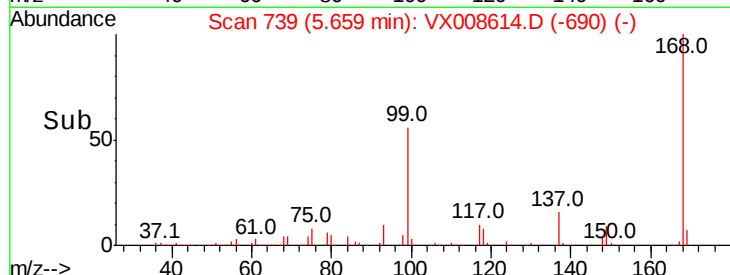
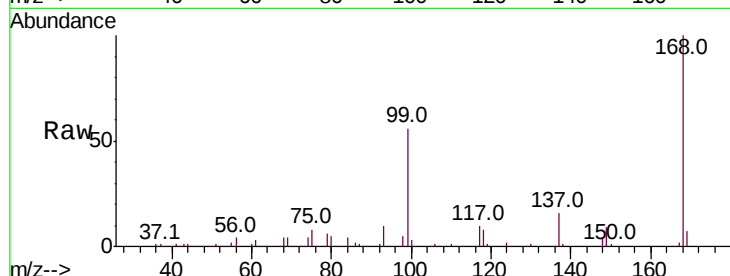
99 56.1 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008614.D

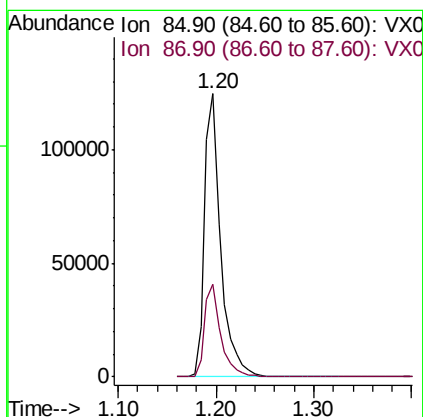
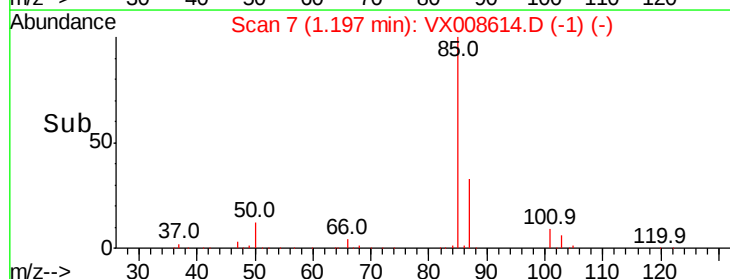
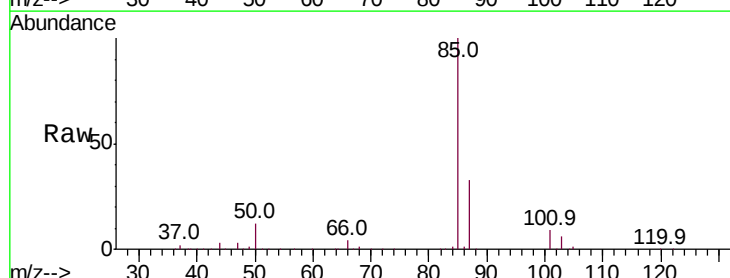
Acq: 03 Apr 2019 13:16

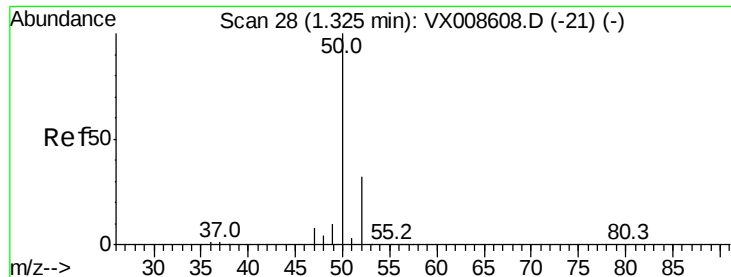
Tgt Ion: 85 Resp: 142813

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3





#3

Chloromethane

Concen: 54.519 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 50 Resp: 190439

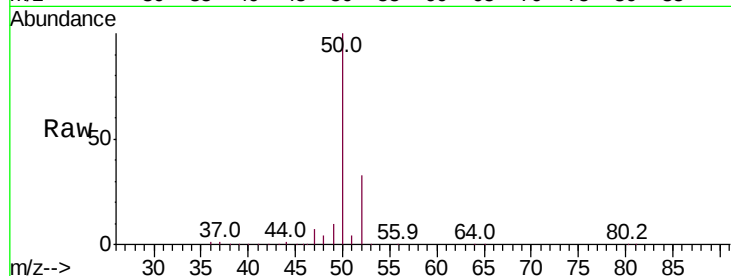
Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8

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

150000

100000

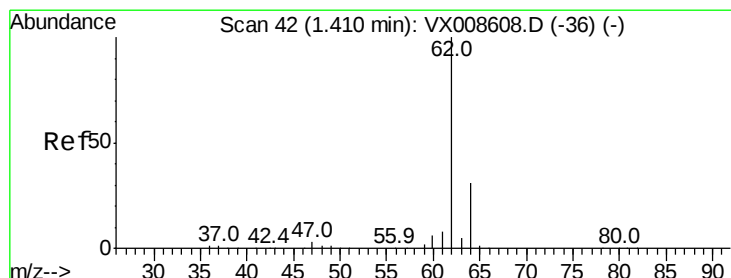
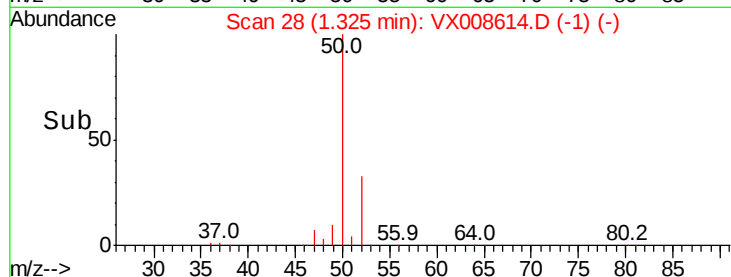
50000

0

1.32

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 48.108 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008614.D

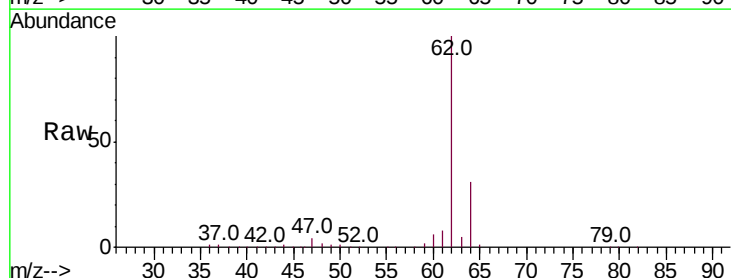
Acq: 03 Apr 2019 13:16

Tgt Ion: 62 Resp: 185881

Ion Ratio Lower Upper

62 100

64 31.0 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

150000

100000

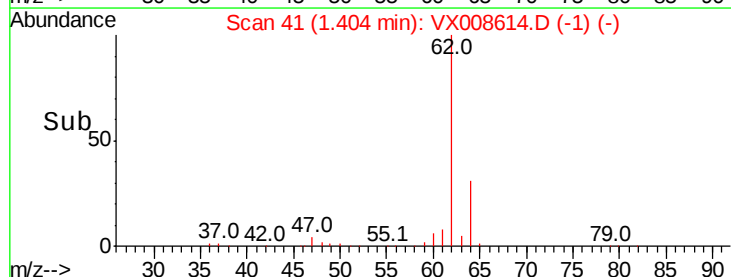
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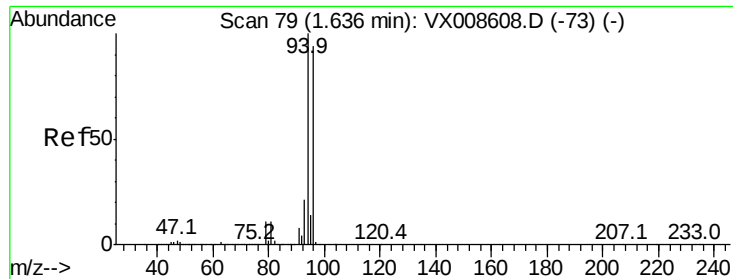
0

1.40

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 48.793 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 94 Resp: 92780

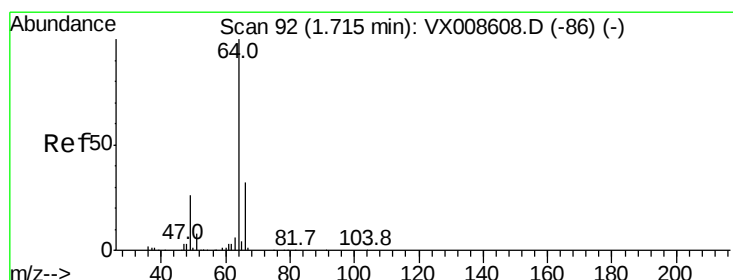
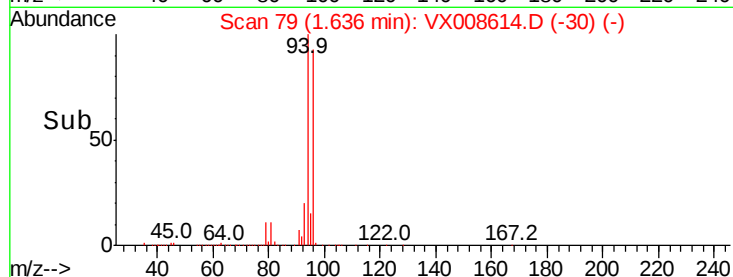
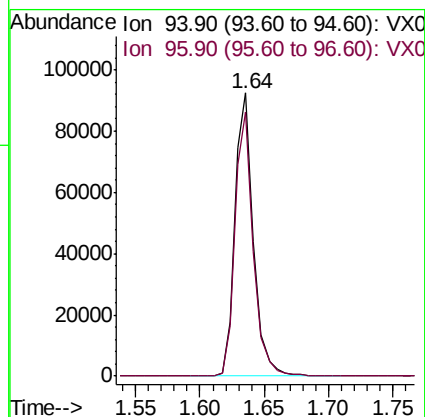
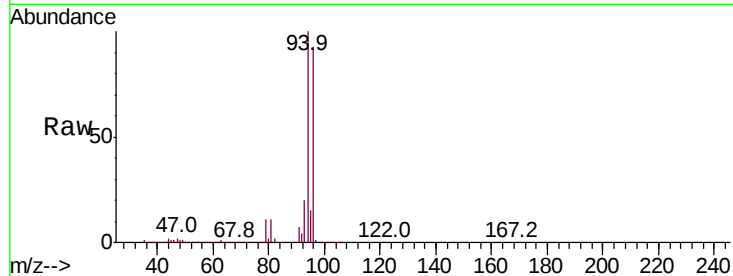
Ion Ratio Lower Upper

94 100

96 93.4 75.2 112.8

Manual Integrations
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#6

Chloroethane

Concen: 53.669 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008614.D

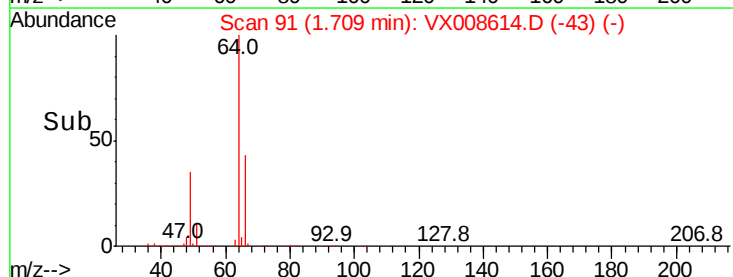
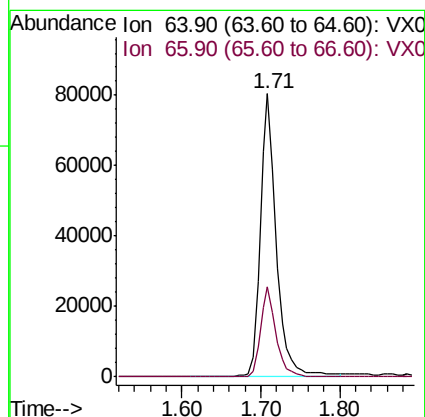
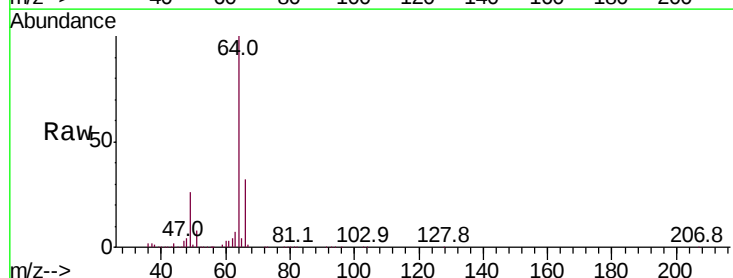
Acq: 03 Apr 2019 13:16

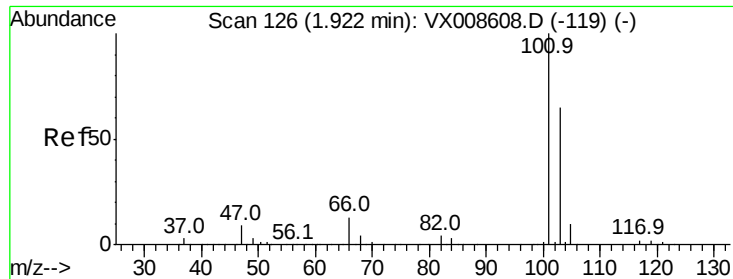
Tgt Ion: 64 Resp: 112779

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0





#7

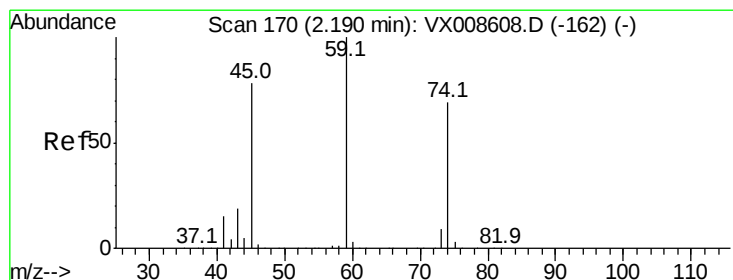
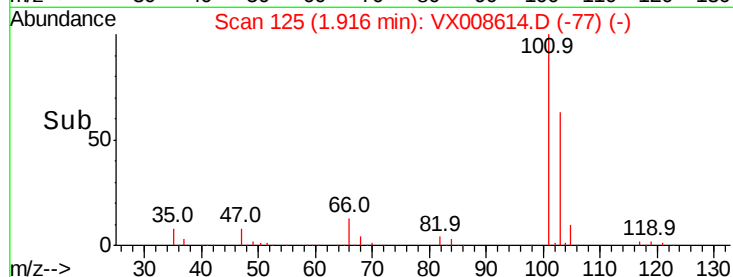
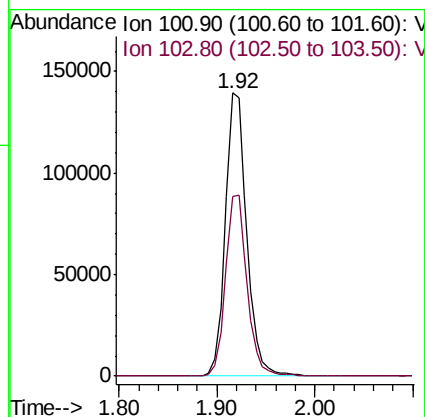
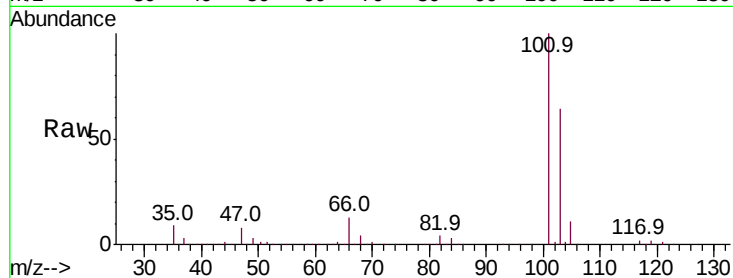
Trichlorofluoromethane
Concen: 49.342 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:101 Resp: 210744
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

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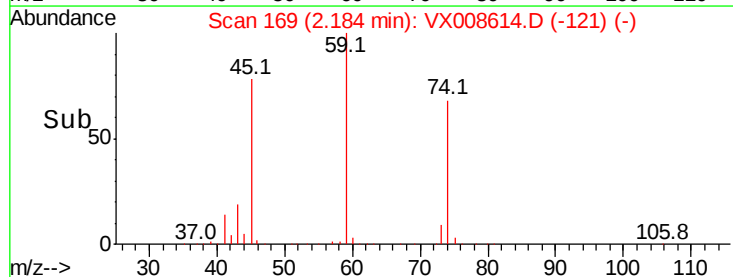
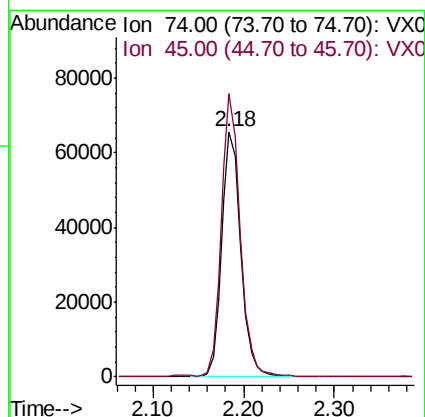
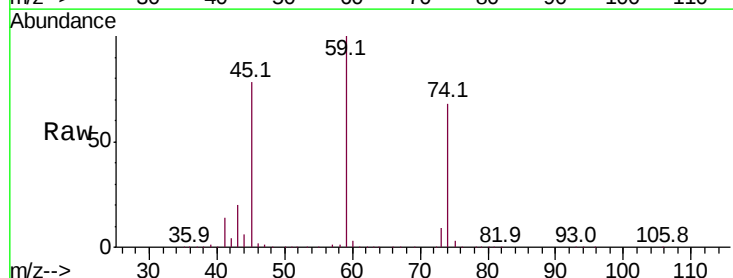
MMDadoda
4/4/2019 3:37:45 PM

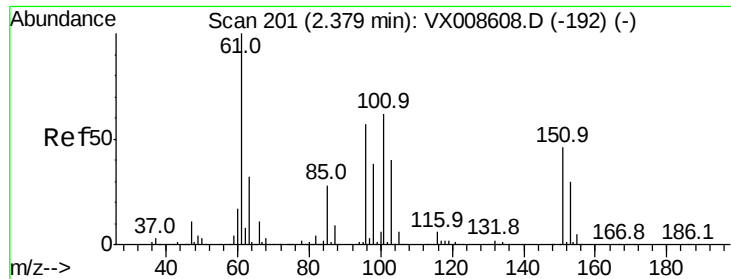


#8

Diethyl Ether
Concen: 47.734 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 74 Resp: 96683
Ion Ratio Lower Upper
74 100
45 113.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.363 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

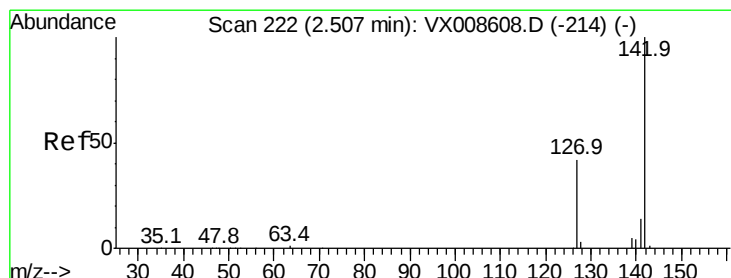
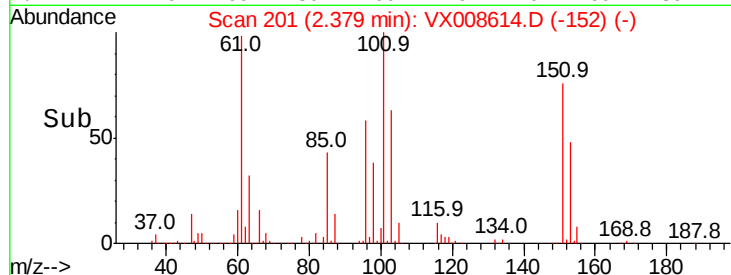
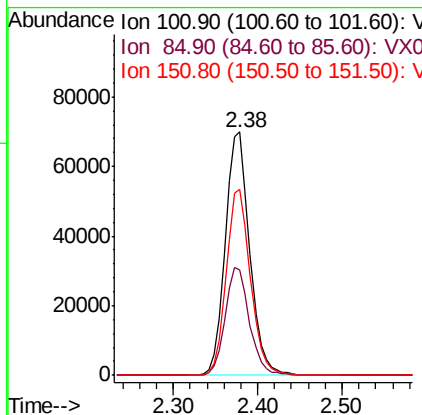
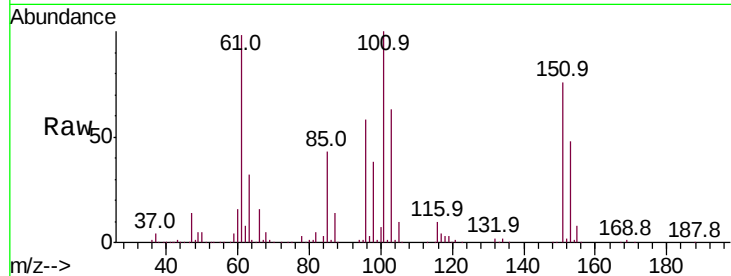
ClientSampleId :

ICVVX040319

Tot Ion:	101	Resp:	138493
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	75.8	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 47.861 ug/l

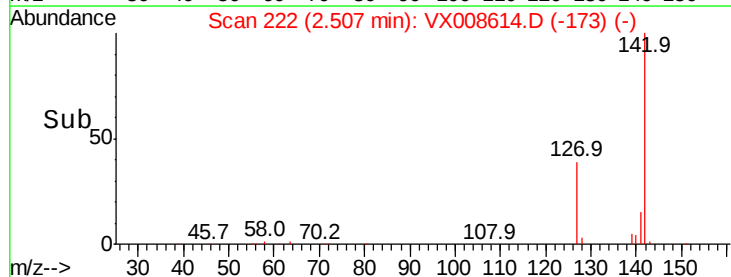
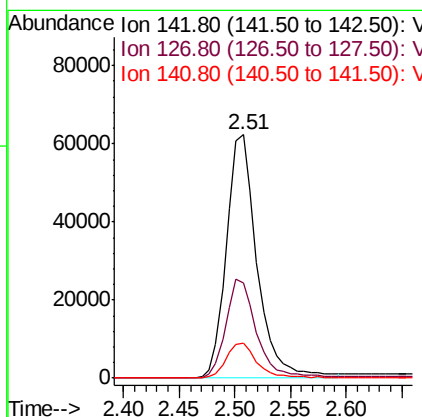
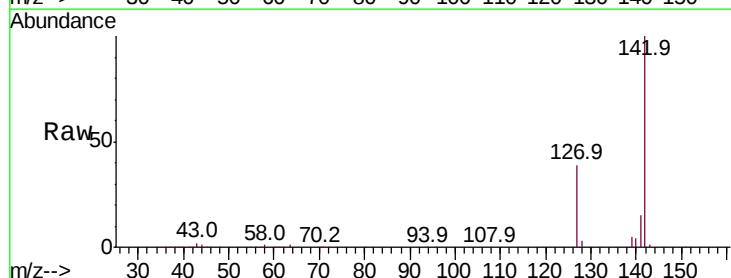
RT: 2.51 min Scan# 222

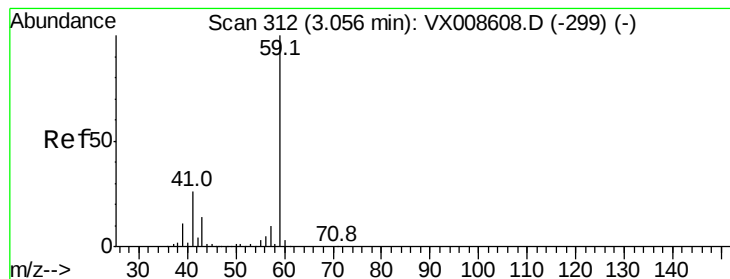
Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:	142	Resp:	119398
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.0	49.6
141	14.7	11.4	17.2





#11

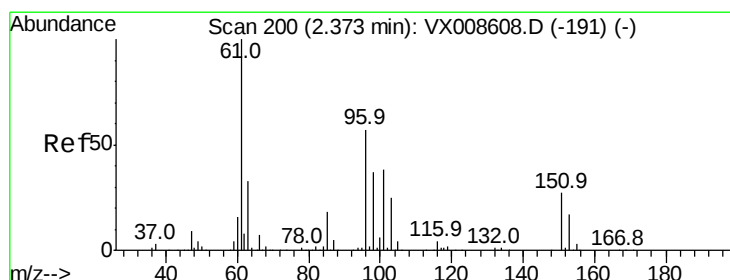
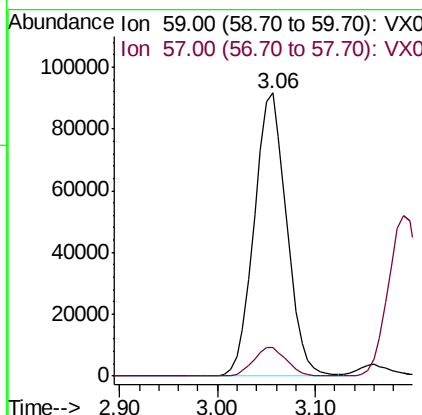
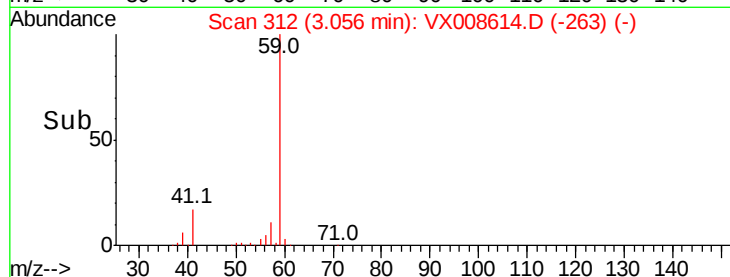
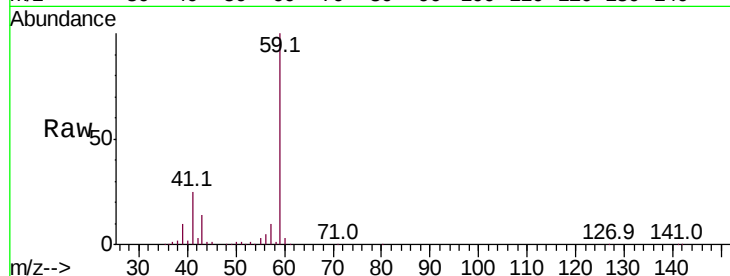
Tert butyl alcohol
Concen: 248.458 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	10.5	8.3	12.5	

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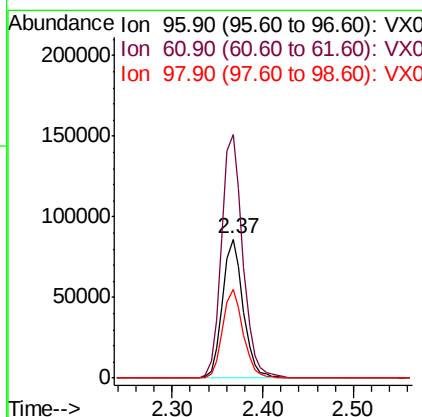
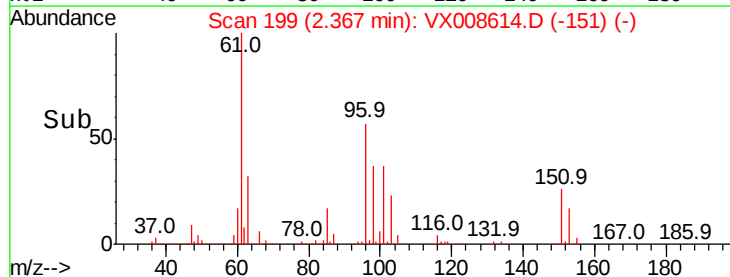
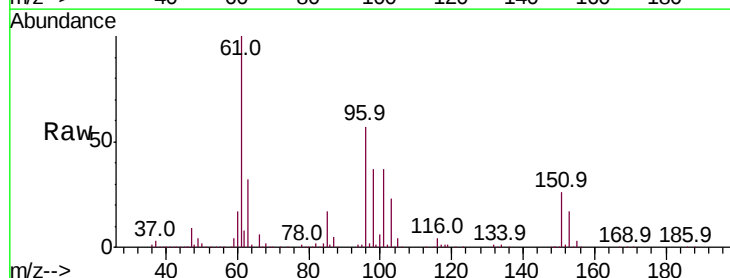
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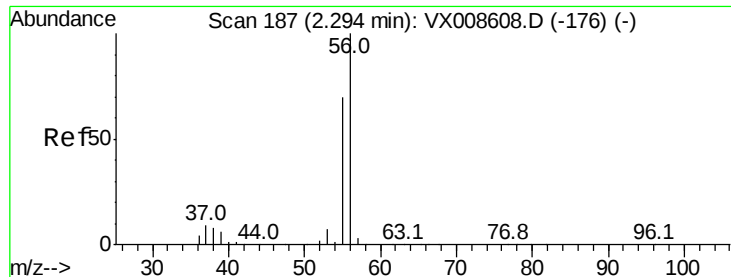


#12

1,1-Dichloroethene
Concen: 47.864 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	174.9	140.9	211.3	
98	64.1	52.1	78.1	





#13

Acrolein

Concen: 222.274 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 56 Resp: 93450

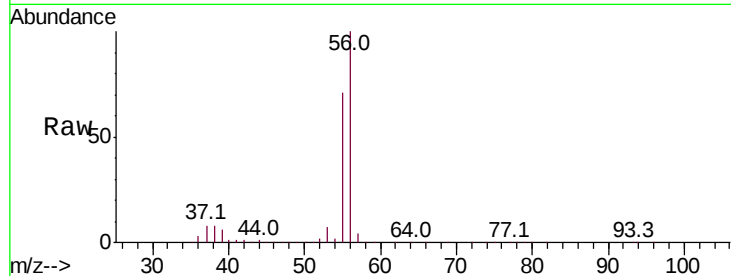
Ion Ratio Lower Upper

56 100

55 70.2 58.0 87.0

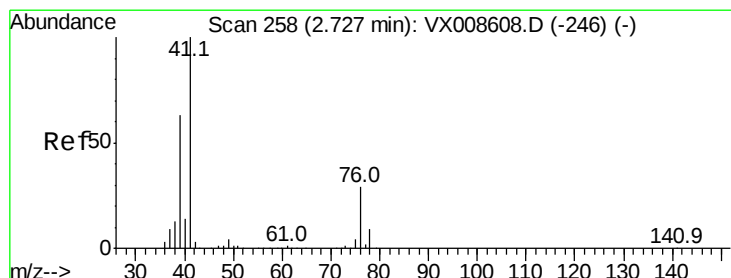
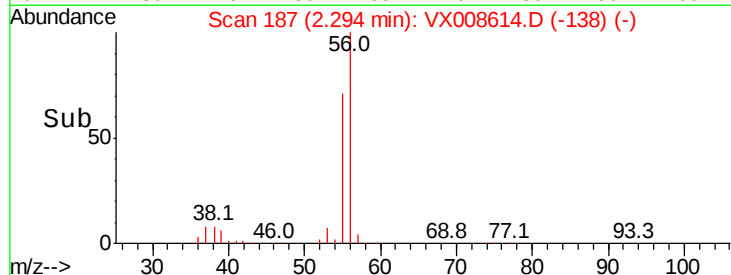
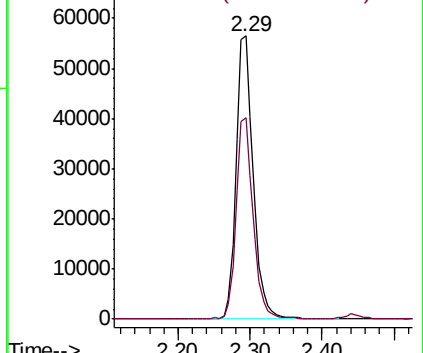
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.245 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

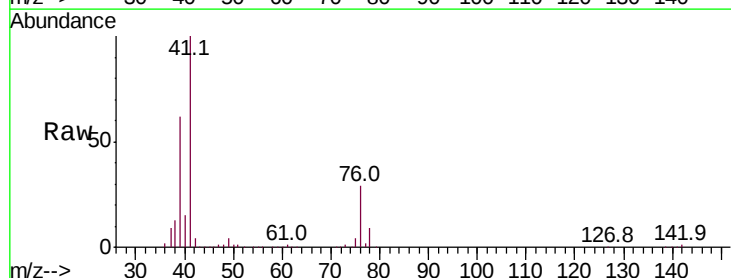
Tgt Ion: 41 Resp: 323620

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

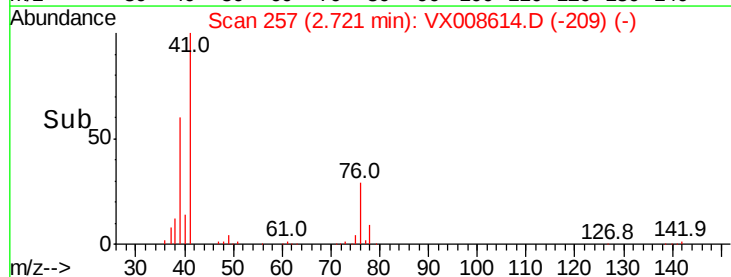
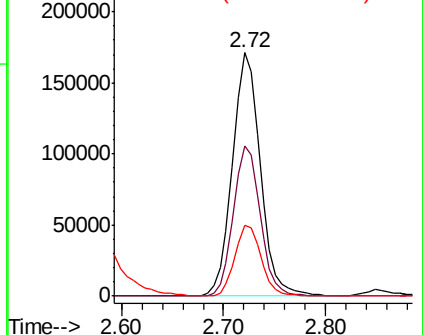
76 27.4 22.0 33.0

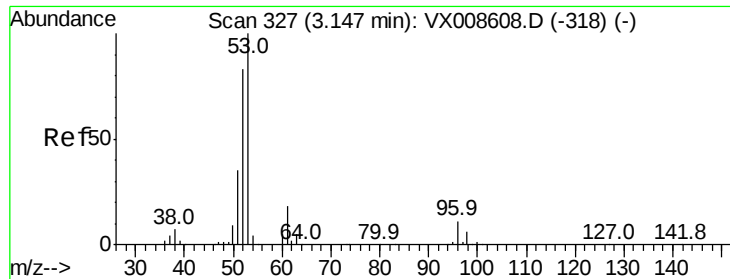


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.043 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

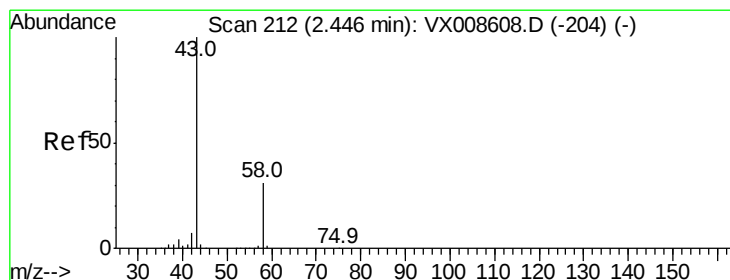
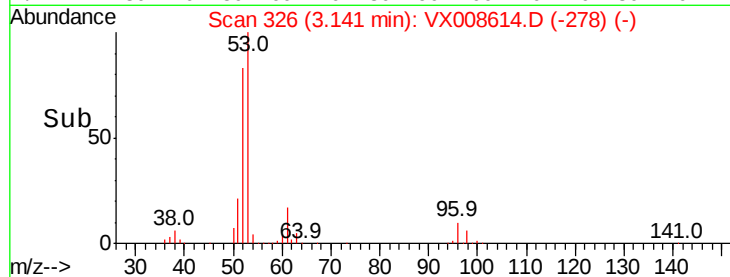
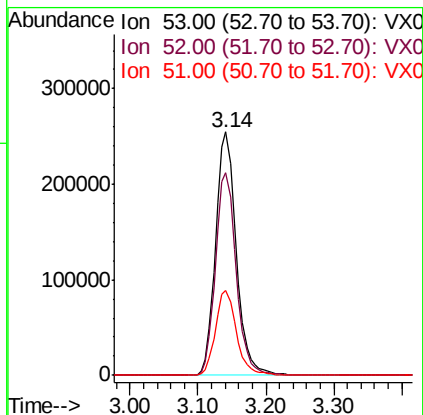
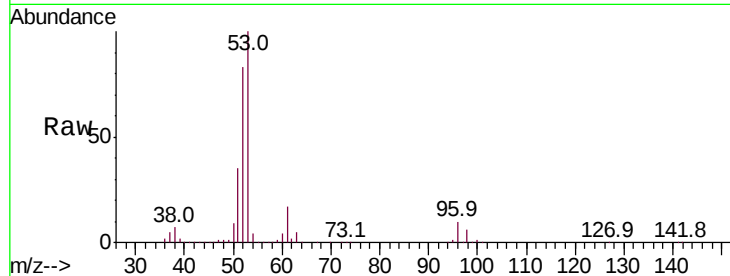
ClientSampleId :

ICVVX040319

Tot Ion	53	Resp	536938
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.5	99.7
51	35.5	28.6	42.8

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#16

Acetone

Concen: 247.481 ug/l

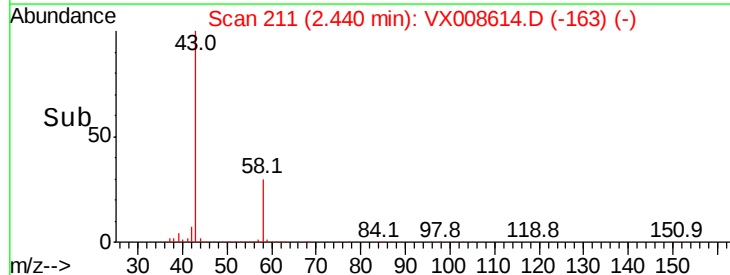
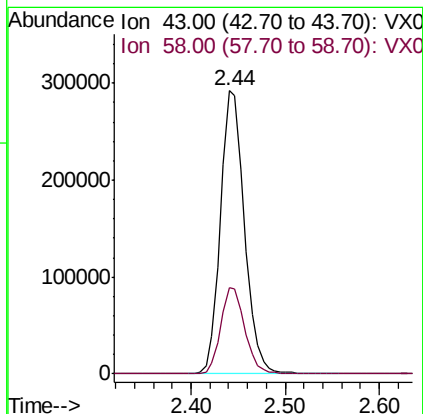
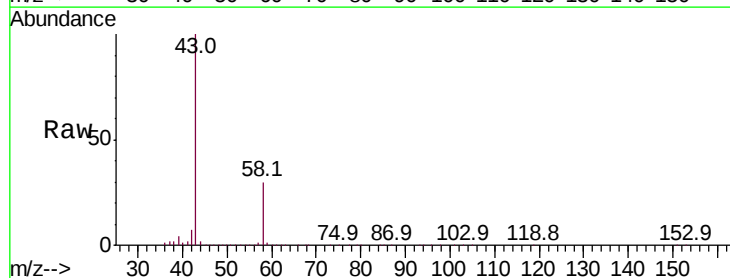
RT: 2.44 min Scan# 211

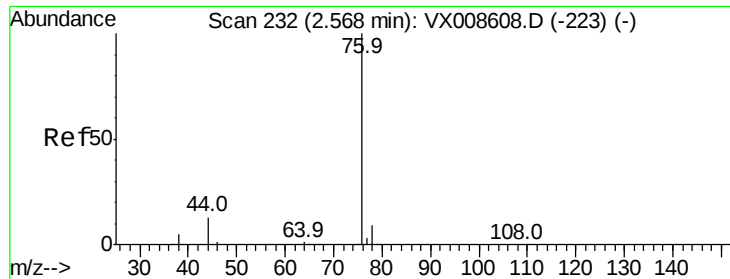
Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion	43	Resp	516243
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.8	37.2





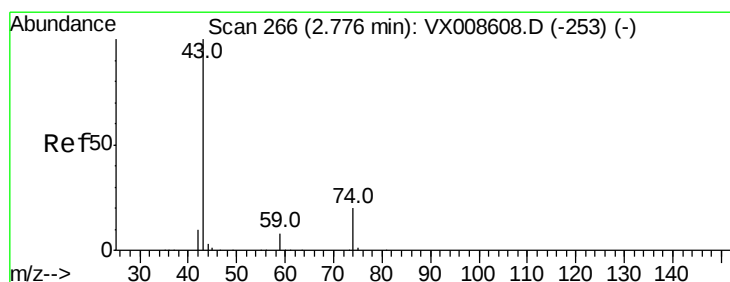
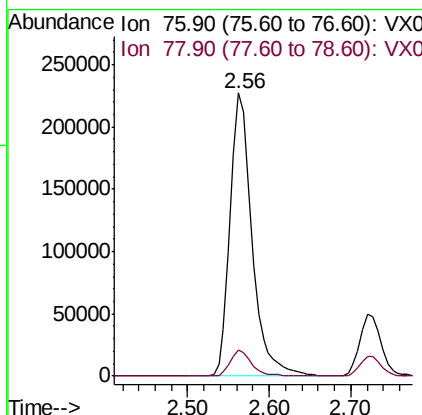
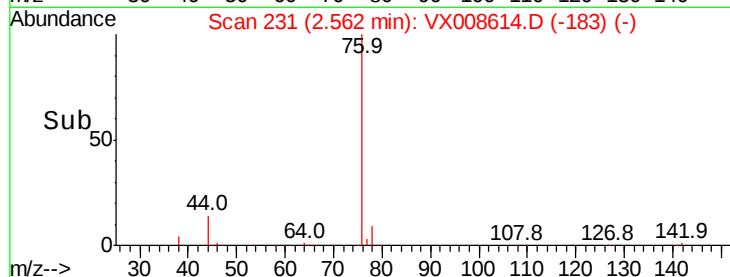
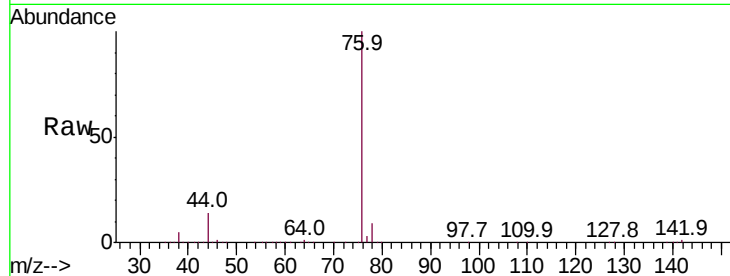
#17
Carbon Disulfide
Concen: 51.075 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

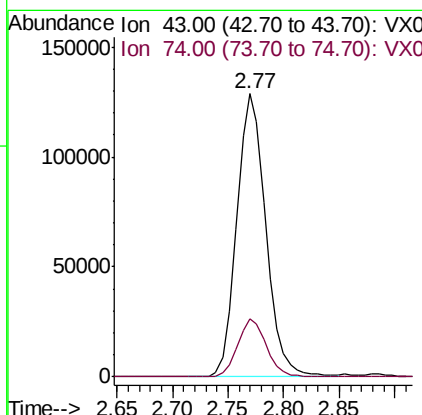
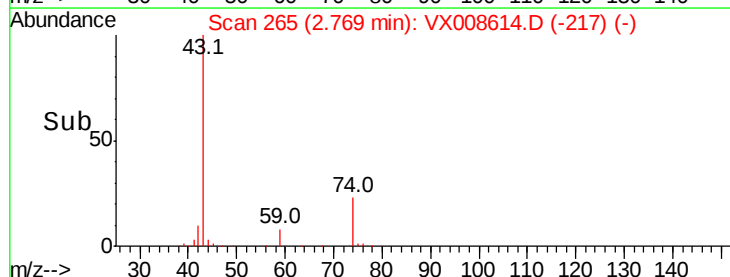
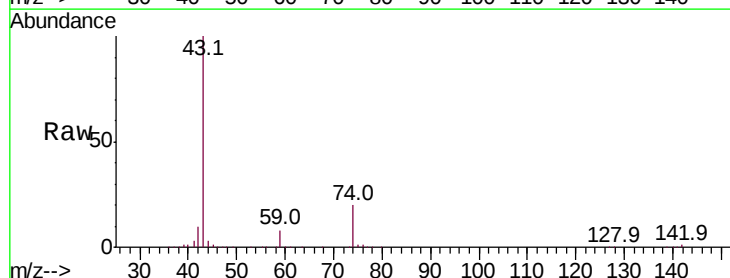
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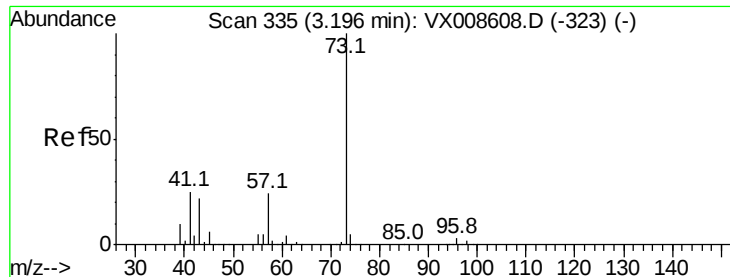
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#18
Methyl Acetate
Concen: 45.677 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.5	24.7





#19

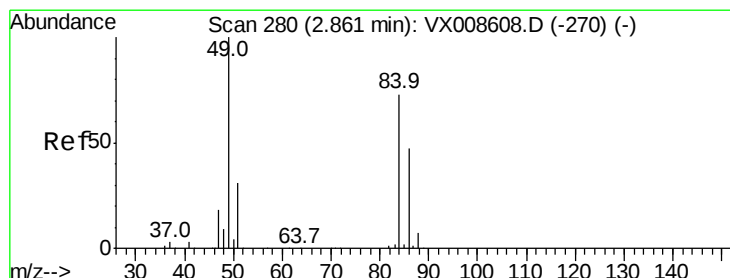
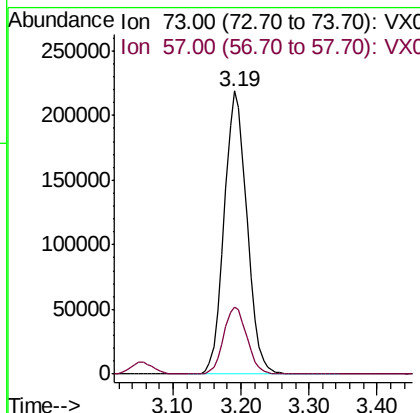
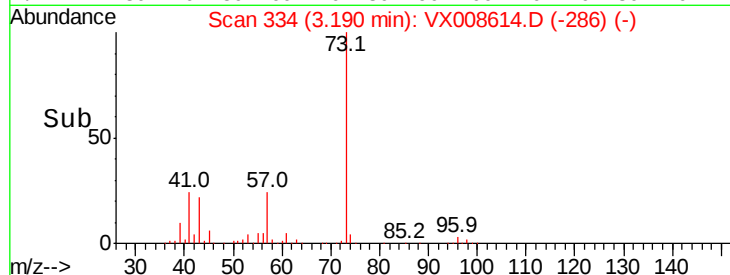
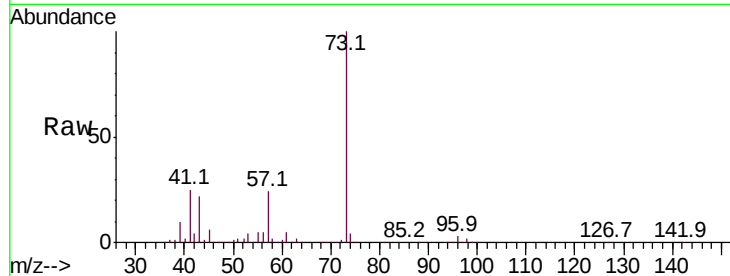
Methyl tert-butyl Ether
 Concen: 49.446 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.5	29.3

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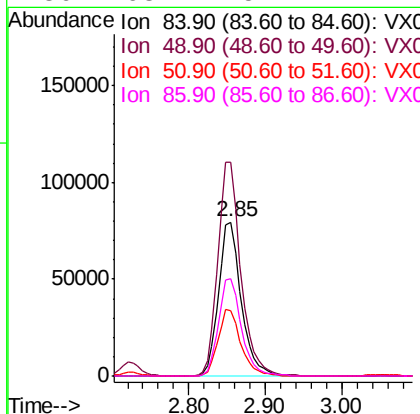
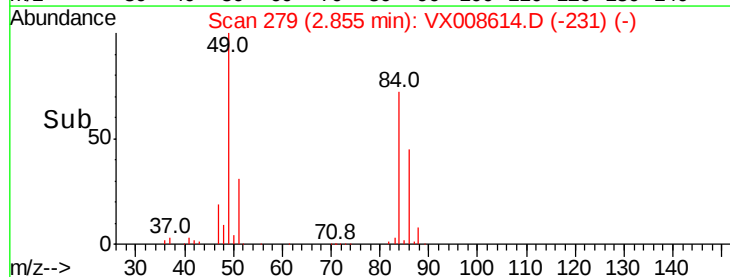
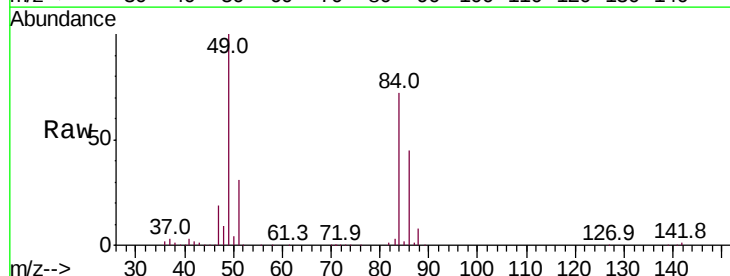
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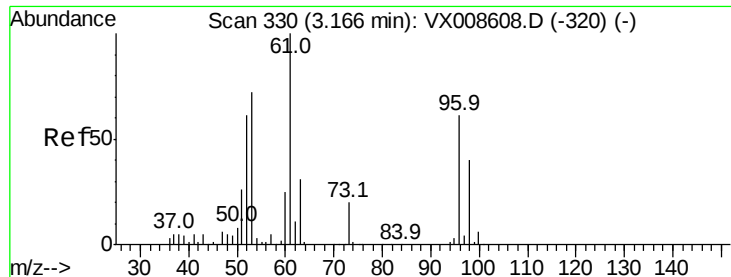


#20

Methylene Chloride
 Concen: 46.716 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.5	109.7	164.5
51	42.7	33.6	50.4
86	63.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 48.034 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 96 Resp: 149148

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

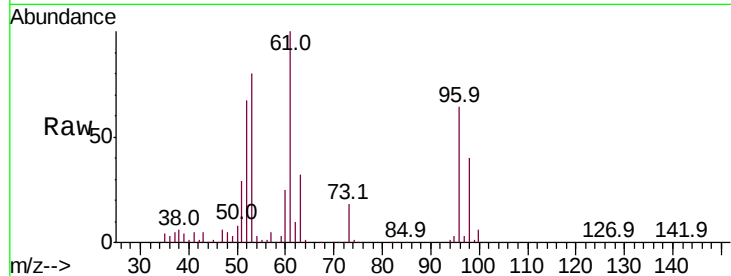
98 62.8 52.2 78.2

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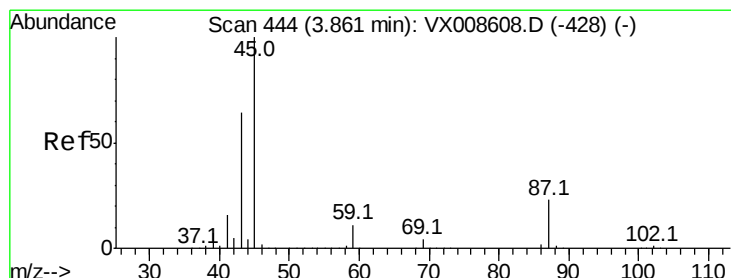
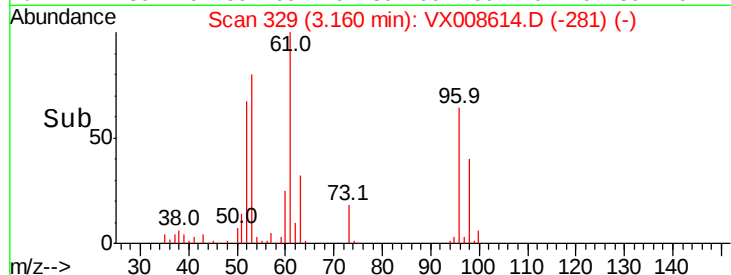
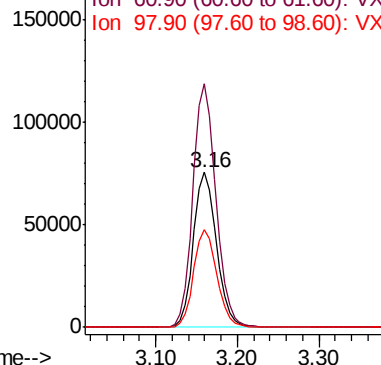


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.661 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion: 45 Resp: 603683

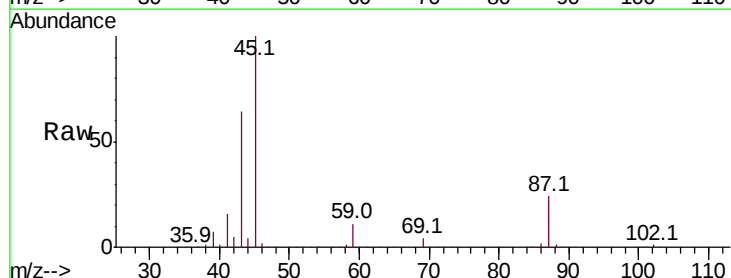
Ion Ratio Lower Upper

45 100

43 64.0 51.3 76.9

87 23.7 18.1 27.1

59 10.7 8.6 13.0



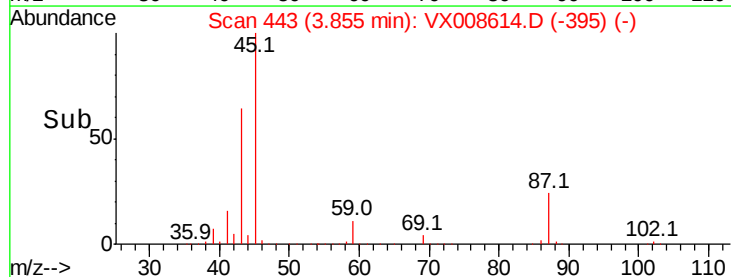
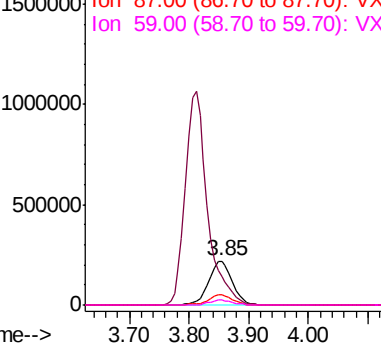
Abundance

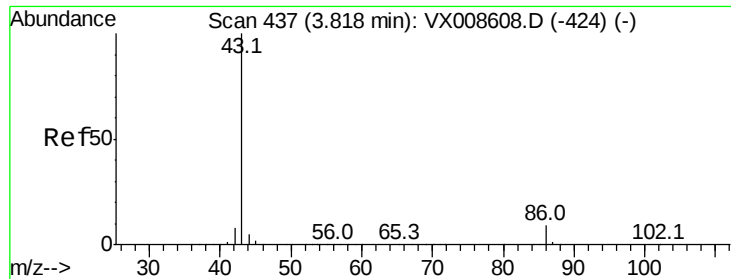
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.593 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 43 Resp: 2750209

Ion Ratio Lower Upper

43 100

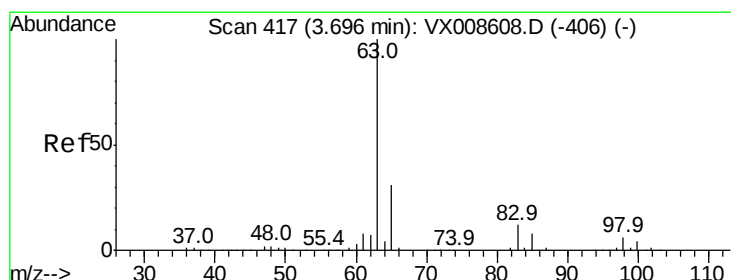
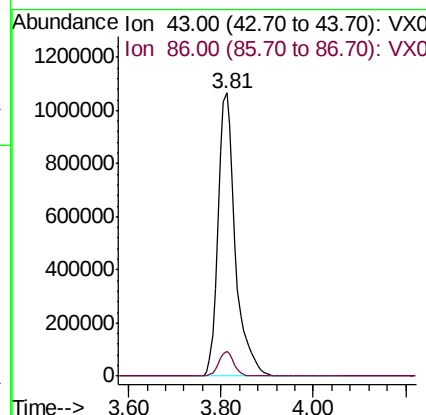
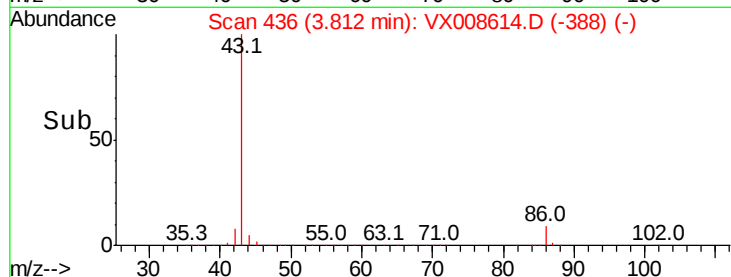
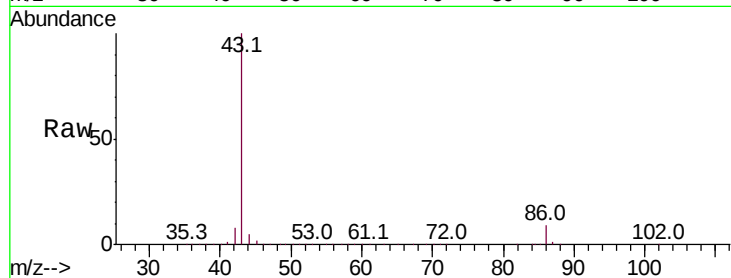
86 8.7 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 48.590 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

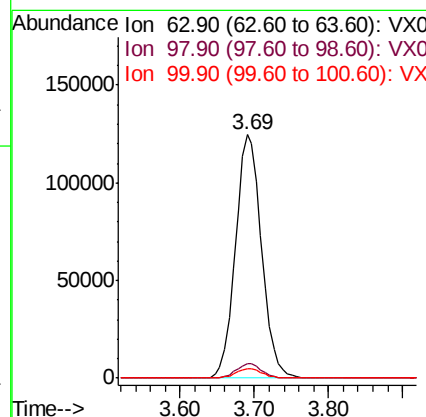
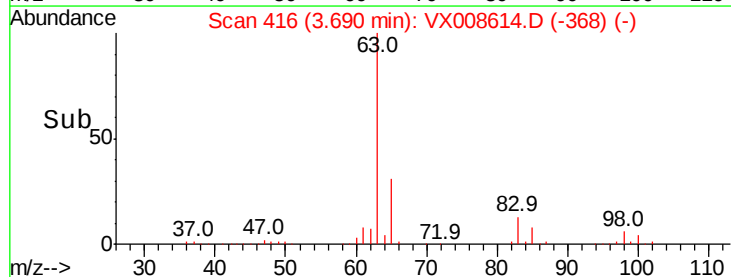
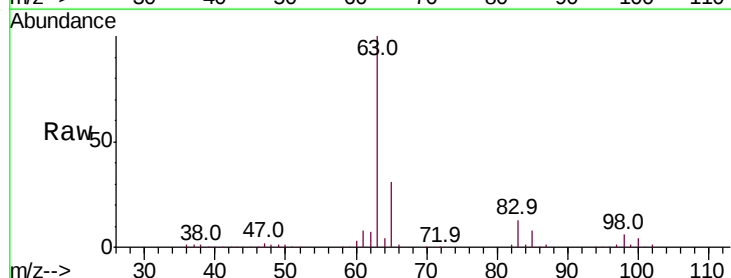
Tgt Ion: 63 Resp: 304716

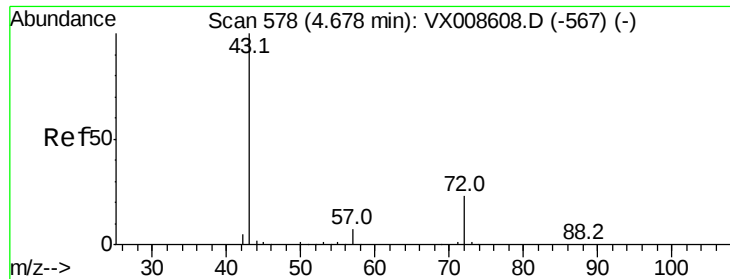
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 247.283 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 43 Resp: 815286

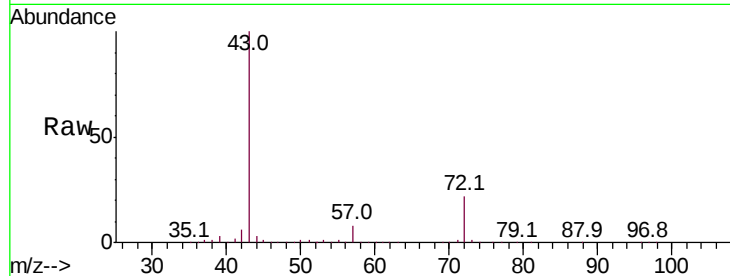
Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.4

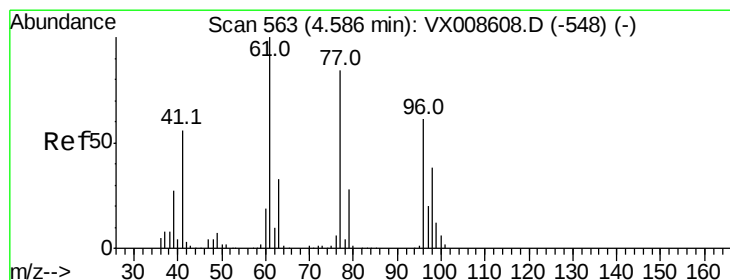
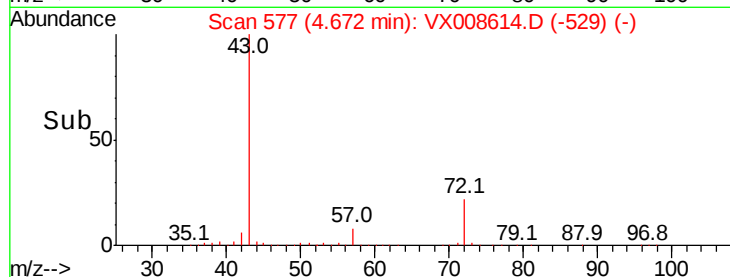
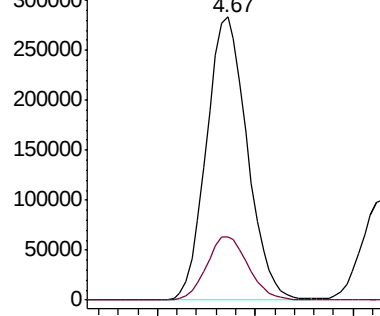
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.980 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008614.D

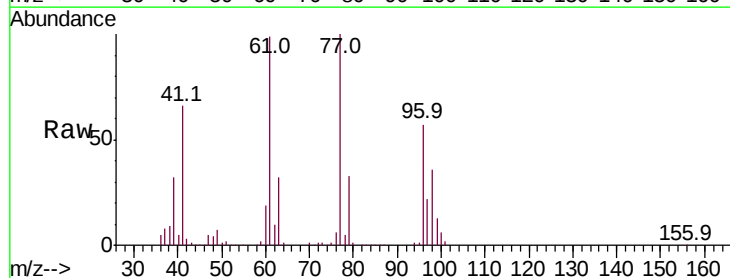
Acq: 03 Apr 2019 13:16

Tgt Ion: 77 Resp: 225174

Ion Ratio Lower Upper

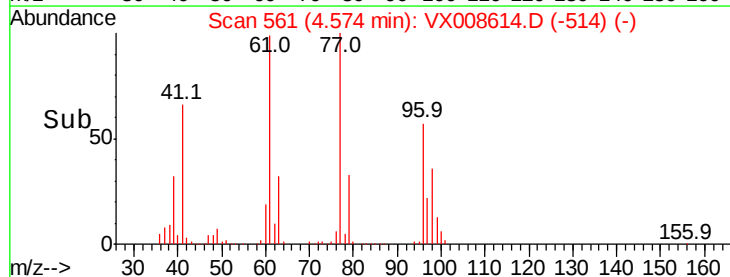
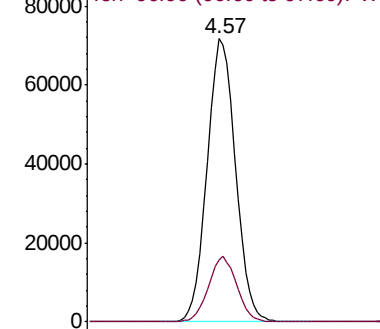
77 100

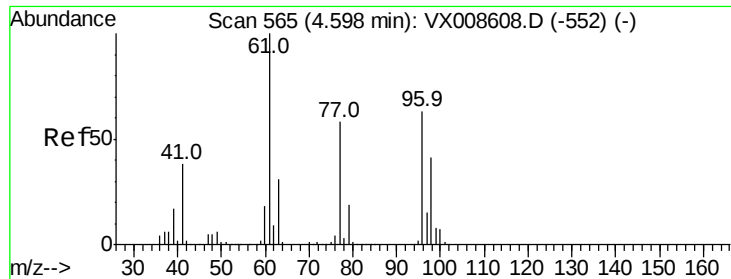
97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

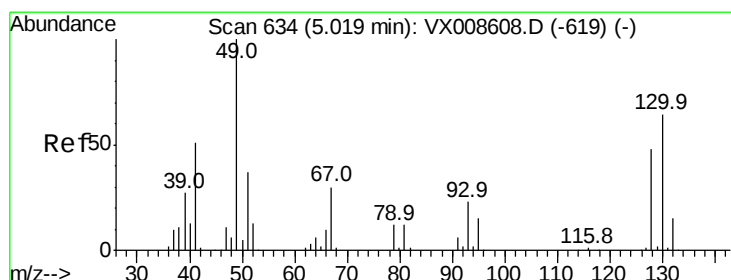
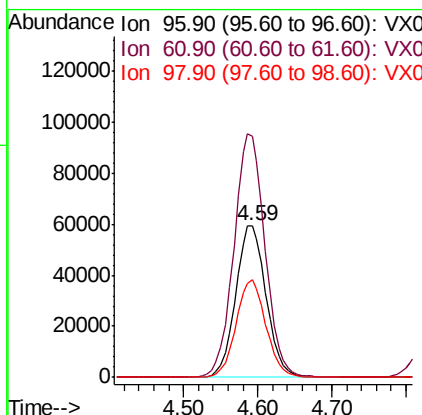
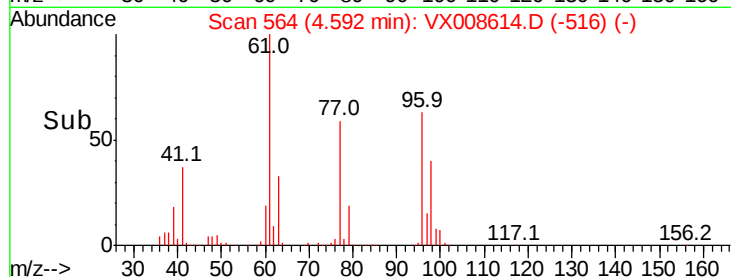
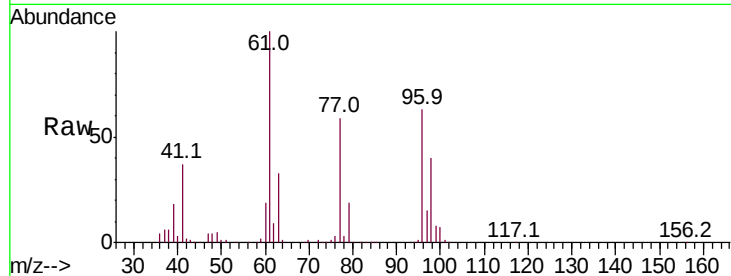
cis-1,2-Dichloroethene
Concen: 47.710 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.8	0.0	327.6
98	63.2	0.0	128.6

Manual Integrations
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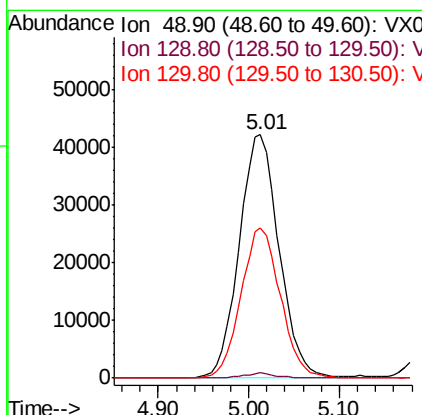
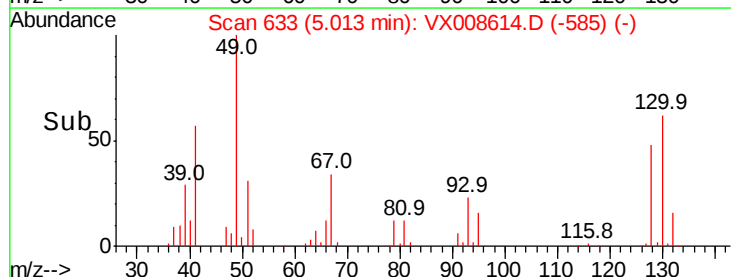
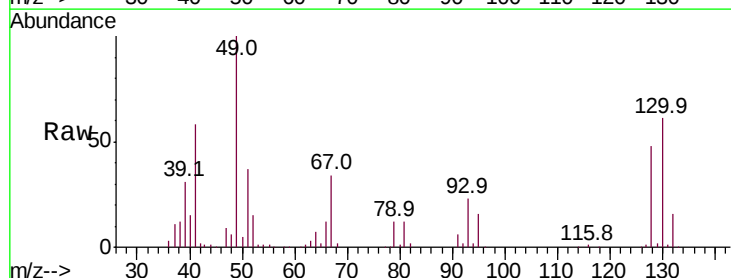
MMDadoda
4/4/2019 3:37:45 PM

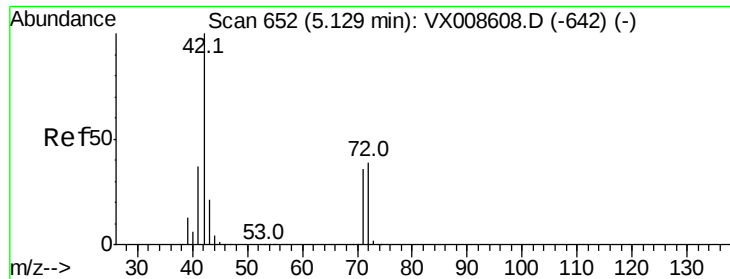


#28

Bromochloromethane
Concen: 48.931 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	61.1	49.3	73.9





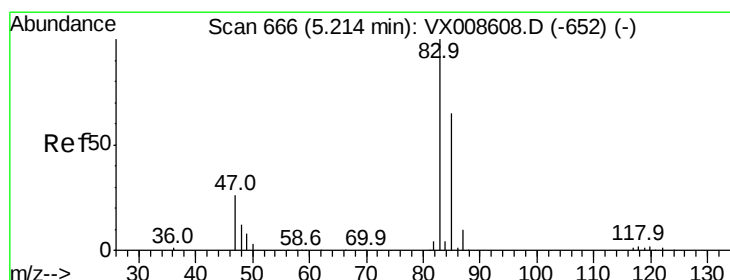
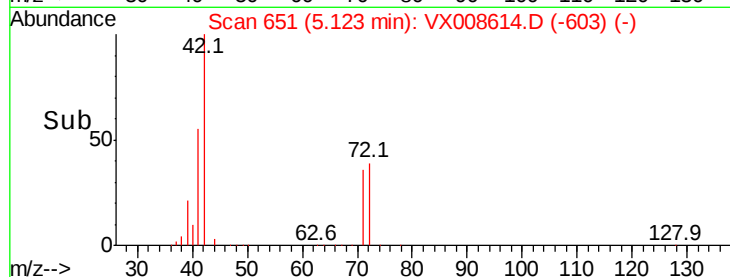
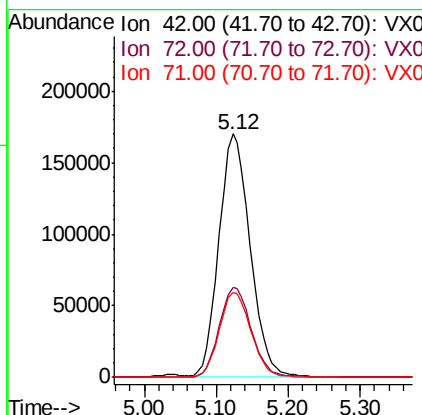
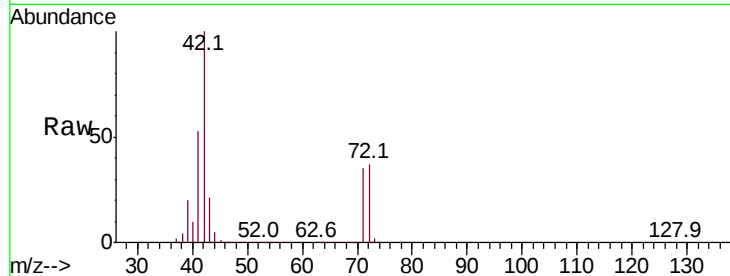
#29
Tetrahydrofuran
Concen: 234.488 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.5	45.7
71	35.6	28.6	43.0

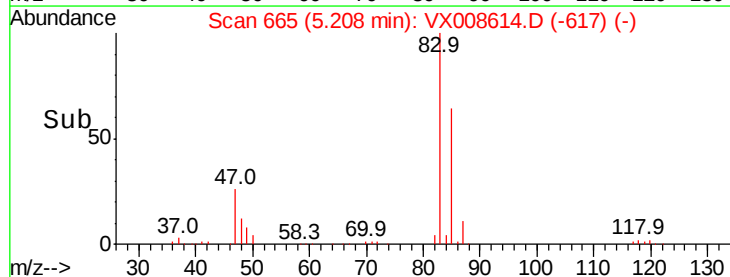
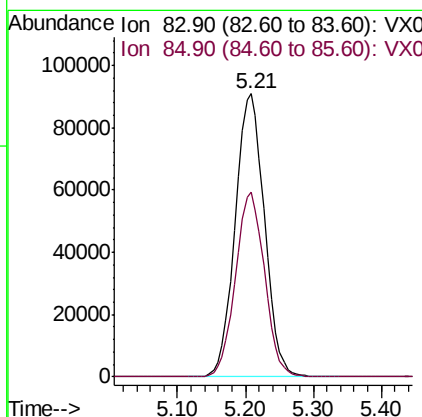
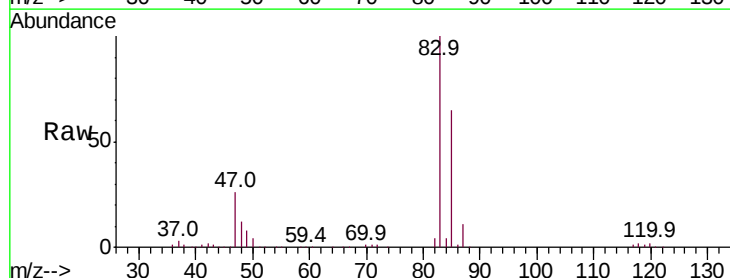
Manual Integrations
APPROVED

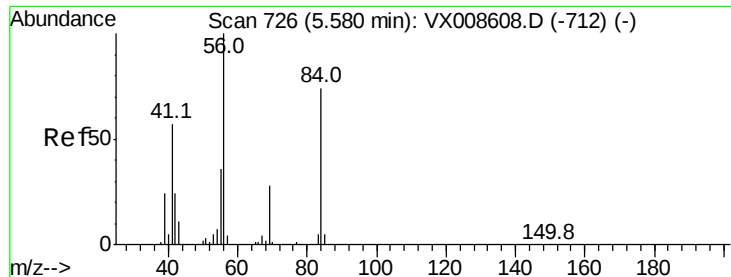
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#30
Chloroform
Concen: 48.432 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.1	78.1





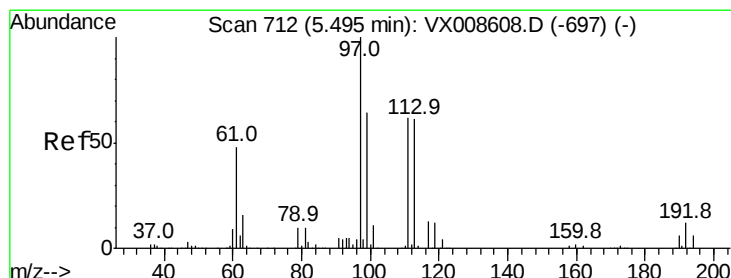
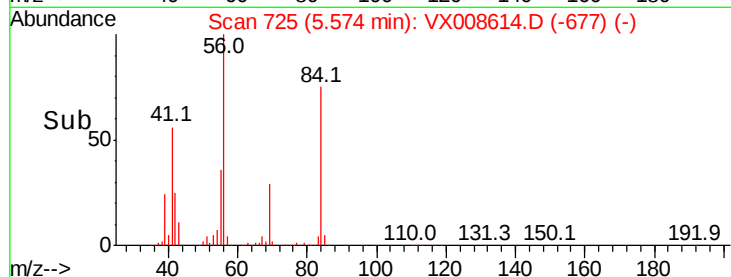
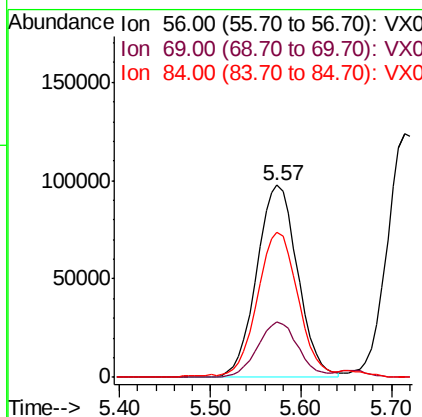
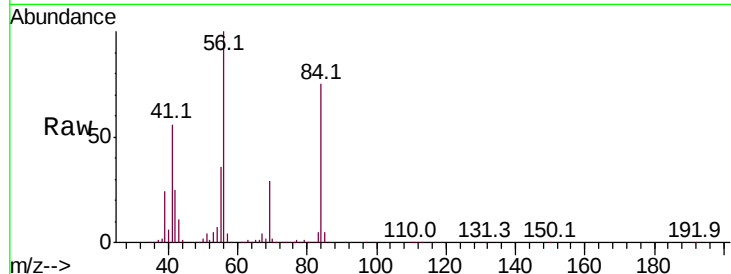
#31
Cyclohexane
Concen: 48.668 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.6	33.8
84	74.5	59.3	88.9

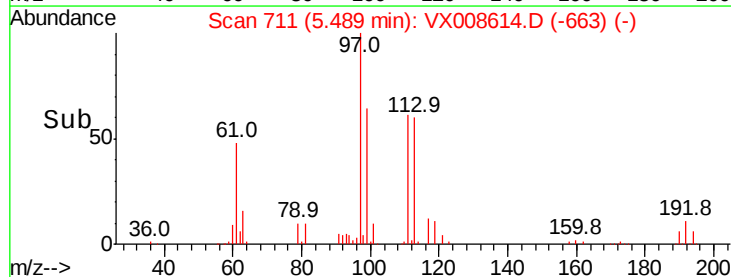
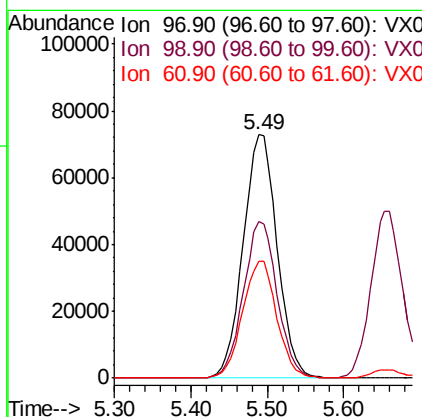
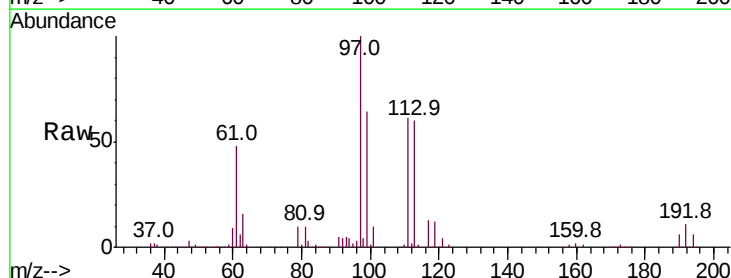
Manual Integrations
APPROVED

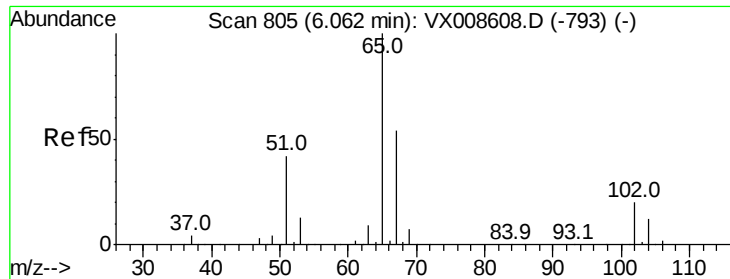
MMDadoda
4/4/2019 3:37:45 PM



#32
1,1,1-Trichloroethane
Concen: 49.754 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.4	38.9	58.3





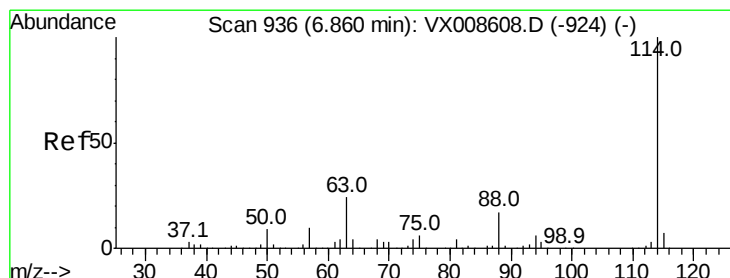
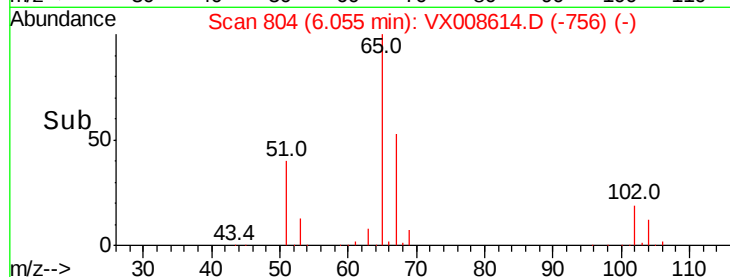
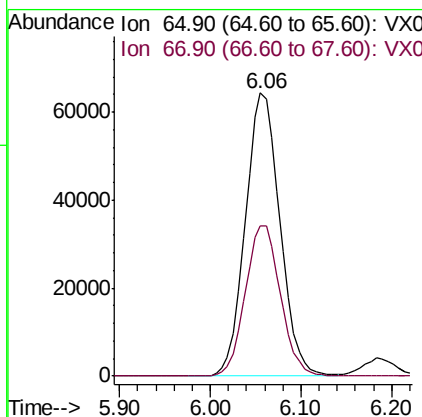
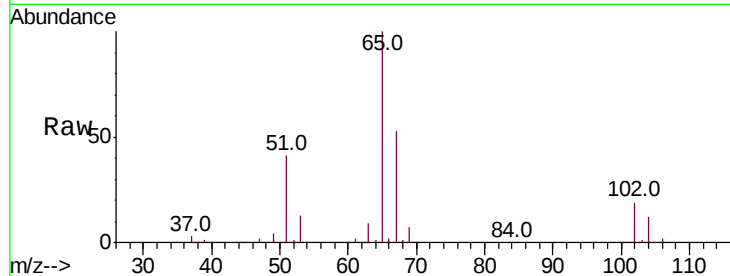
#33
 1,2-Dichloroethane-d4
 Concen: 46.920 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169930		
67	54.1	0.0	107.2	

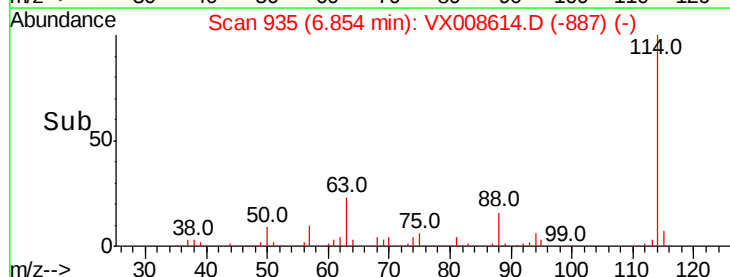
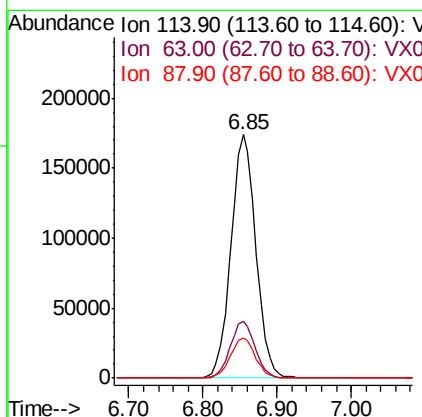
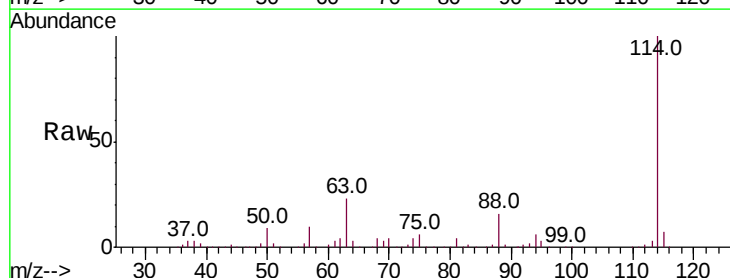
Manual Integrations
 APPROVED

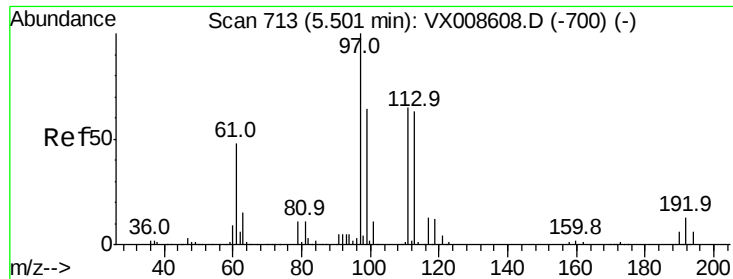
MMDadoda
 4/4/2019 3:37:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	406460		
63	23.4	0.0	47.2	
88	16.2	0.0	34.0	





#35

Dibromofluoromethane

Concen: 48.600 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

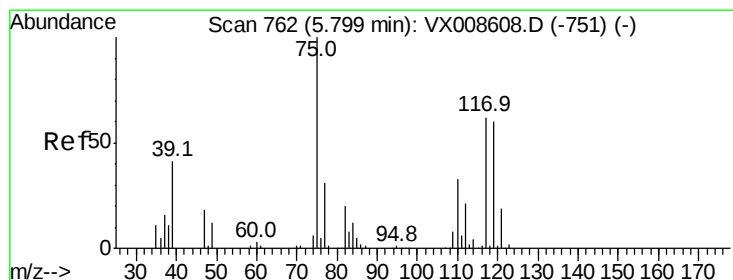
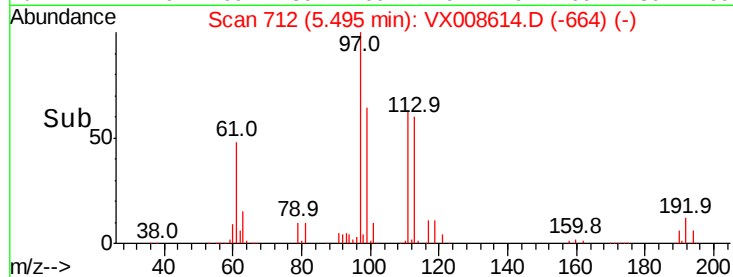
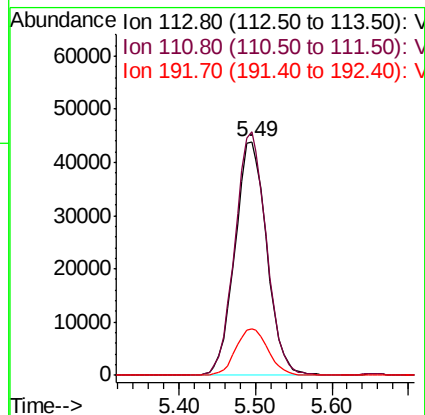
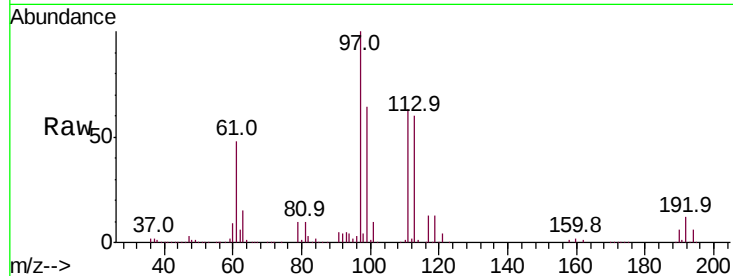
ClientSampleId :

ICVVX040319

Tot Ion:	113	Resp:	126300
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	20.3	16.1	24.1

Manual Integrations
APPROVED

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#36

1,1-Dichloropropene

Concen: 49.383 ug/l

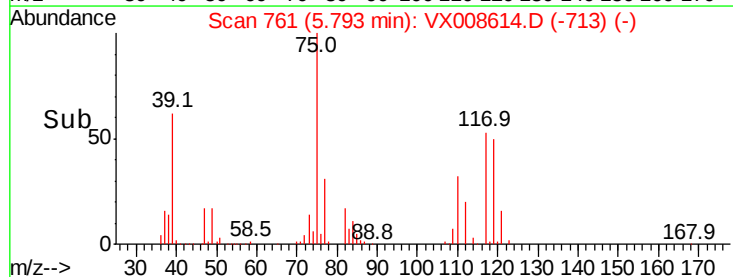
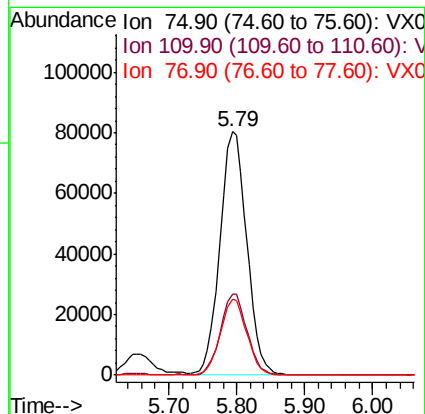
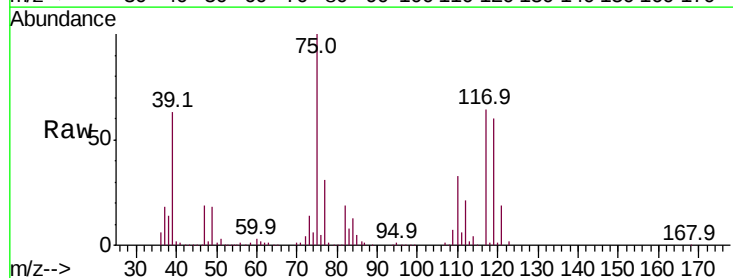
RT: 5.79 min Scan# 761

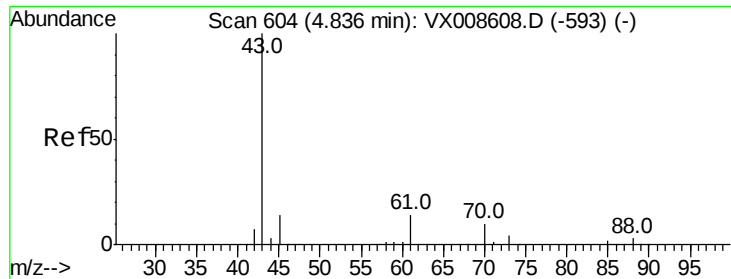
Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:	75	Resp:	219409
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.4	49.2
77	30.8	24.7	37.1





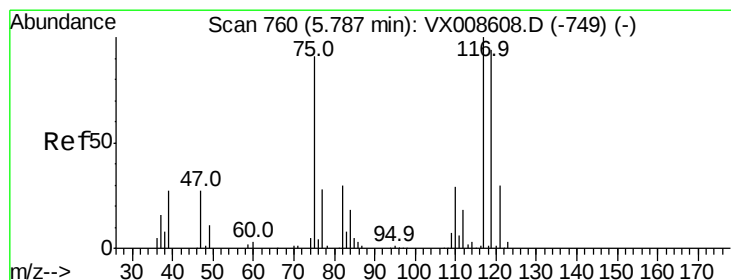
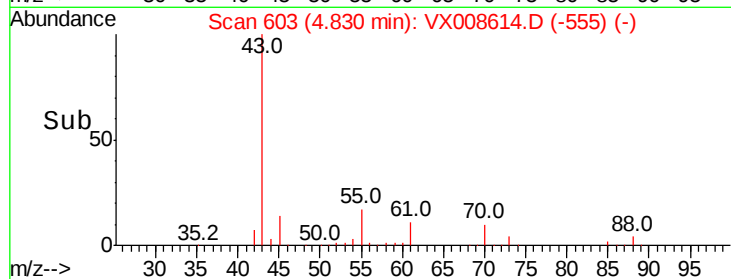
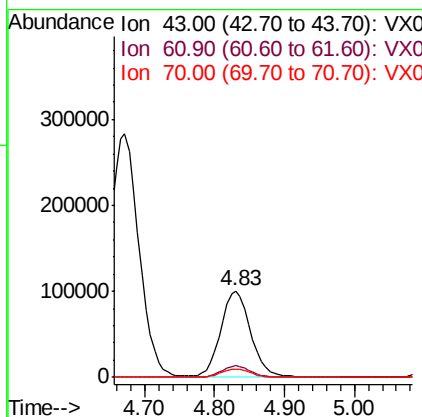
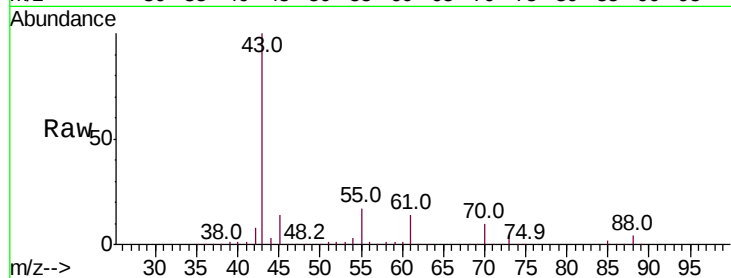
#37
Ethyl Acetate
Concen: 49.966 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:	43	Resp:	296321
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.3	15.5
70	9.6	7.6	11.4

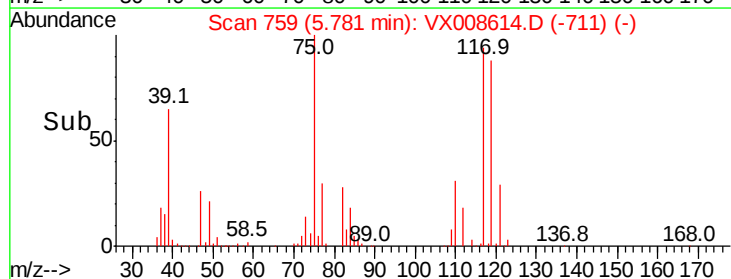
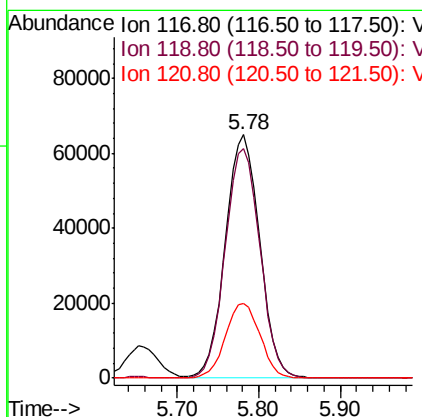
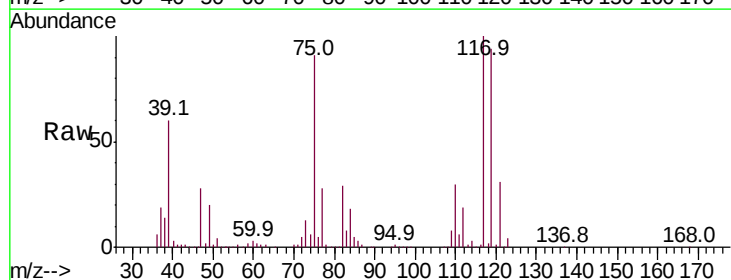
Manual Integrations
APPROVED

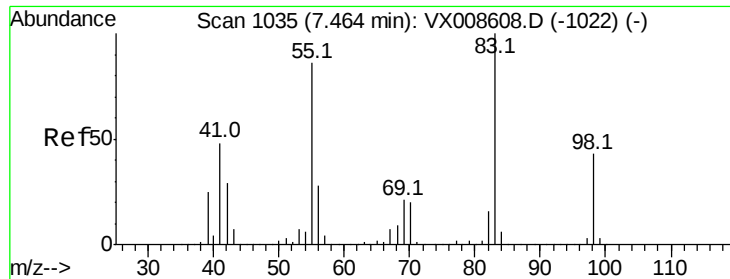
MMDadoda
4/4/2019 3:37:45 PM



#38
Carbon Tetrachloride
Concen: 51.502 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:	117	Resp:	189388
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.6
121	30.6	24.3	36.5





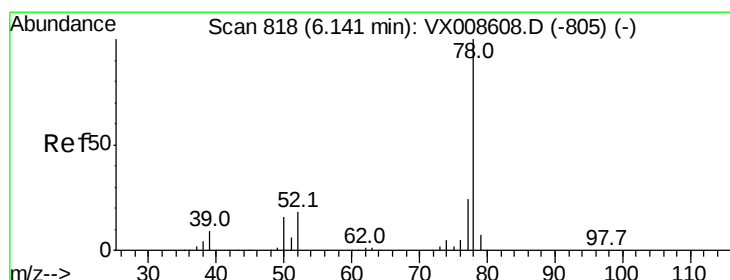
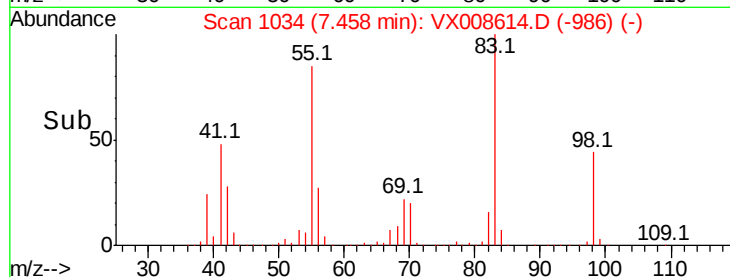
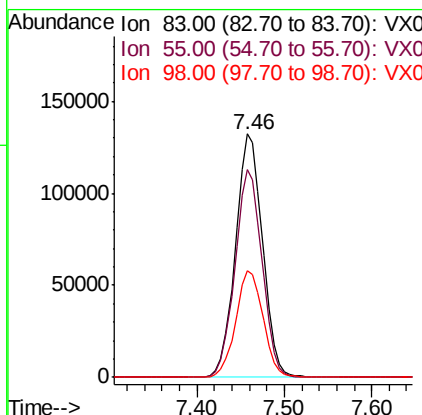
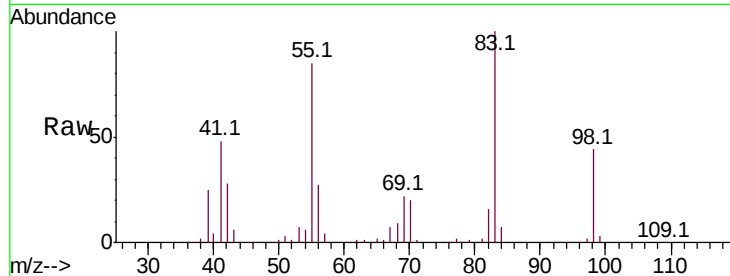
#39
Methylvlcvclohexane
Concen: 51.872 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.3	69.0	103.6	
98	43.7	34.4	51.6	

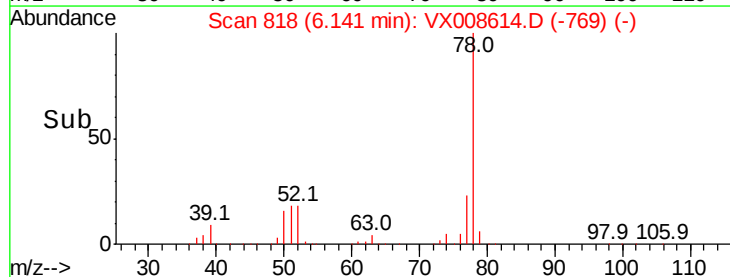
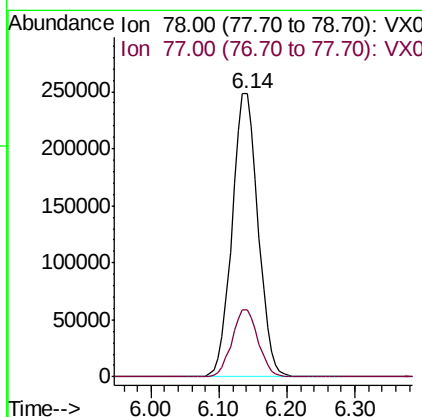
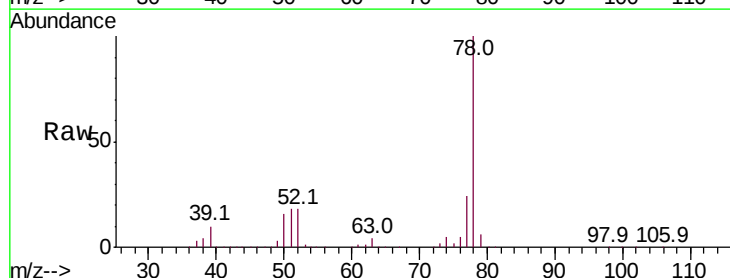
Manual Integrations
APPROVED

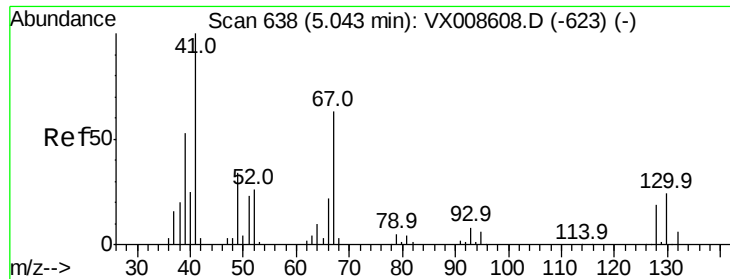
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#40
Benzene
Concen: 49.735 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.1	28.7	





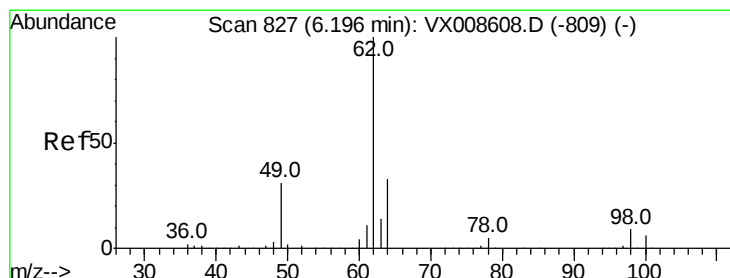
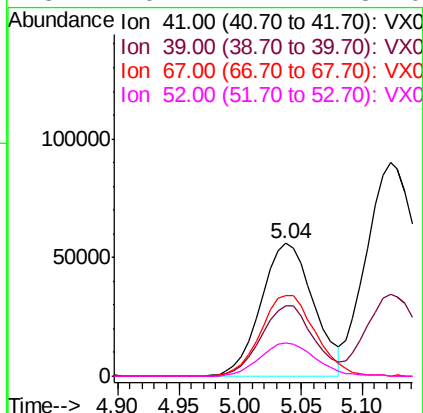
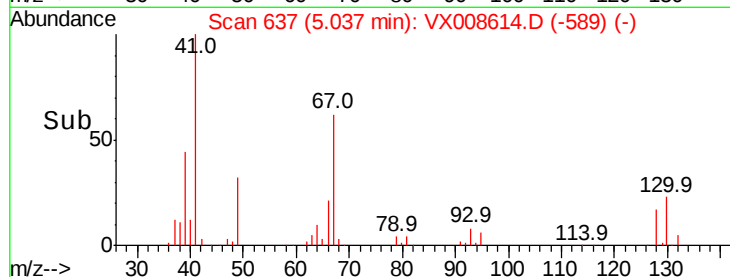
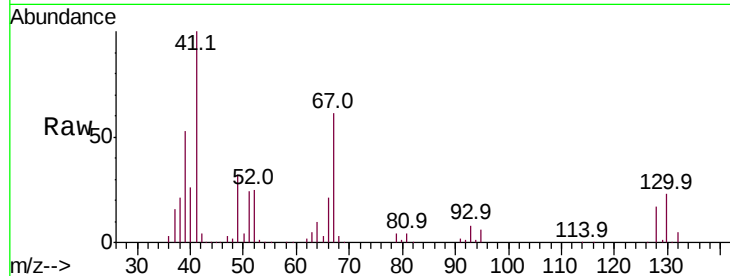
#41
Methacrylonitrile
Concen: 49.158 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.1	42.1	63.1		
67	63.8	51.0	76.6		
52	26.1	21.4	32.0		

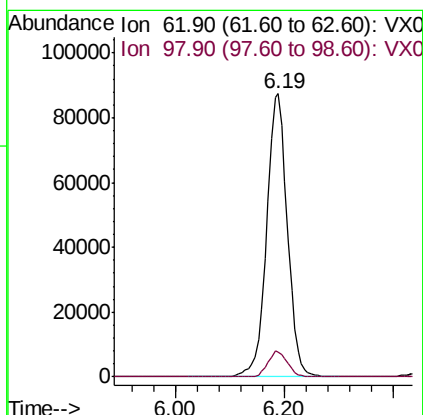
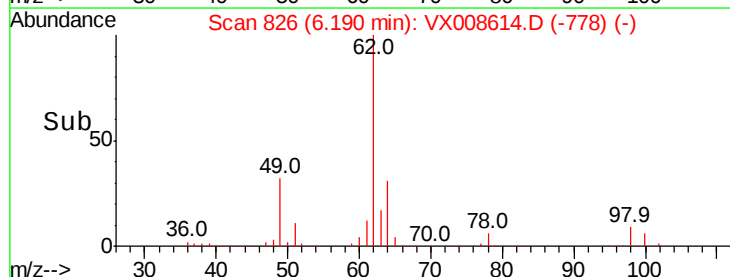
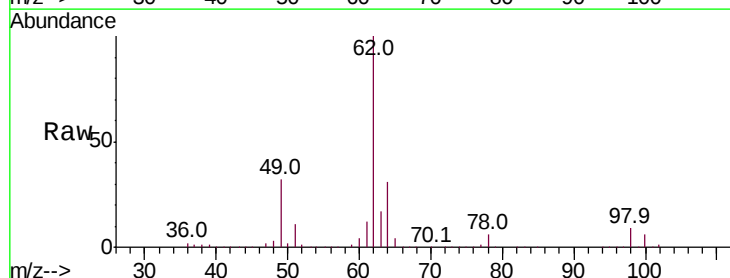
Manual Integrations
APPROVED

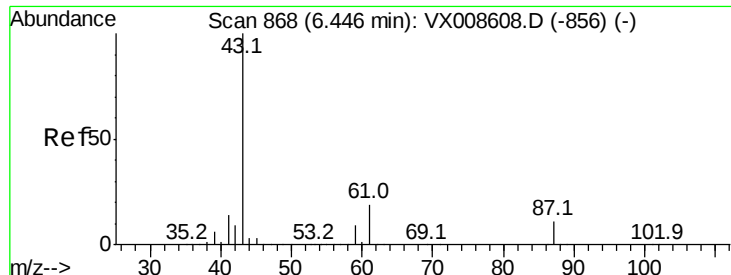
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4/4/2019 3:37:45 PM



#42
1,2-Dichloroethane
Concen: 48.373 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.8	0.0	18.0		





#43

Isopropyl Acetate

Concen: 50.882 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

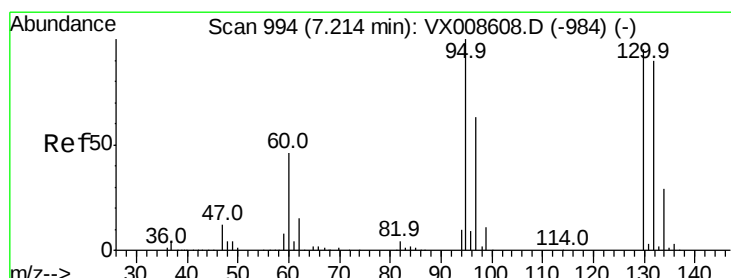
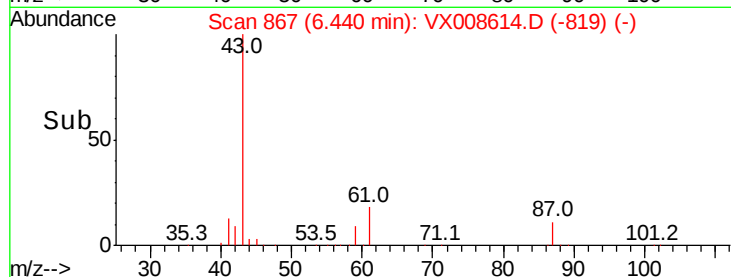
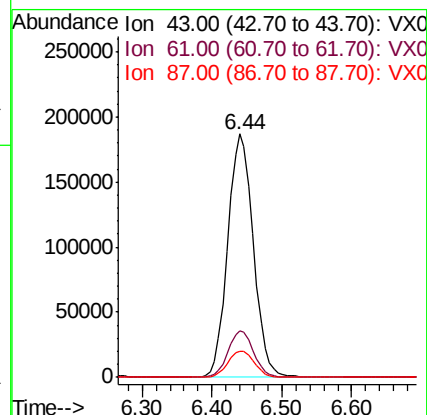
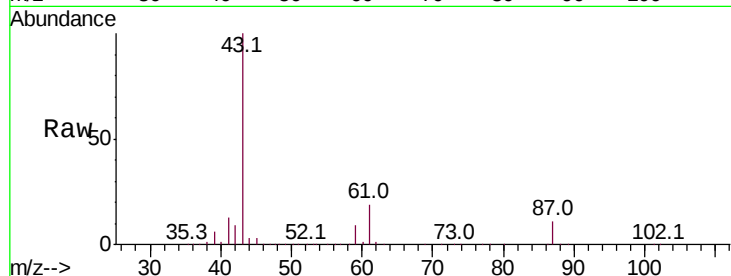
ClientSampleId :

ICVVX040319

Tot Ion:	43	Resp:	472698
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
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4/4/2019 3:37:45 PM



#44

Trichloroethene

Concen: 50.328 ug/l

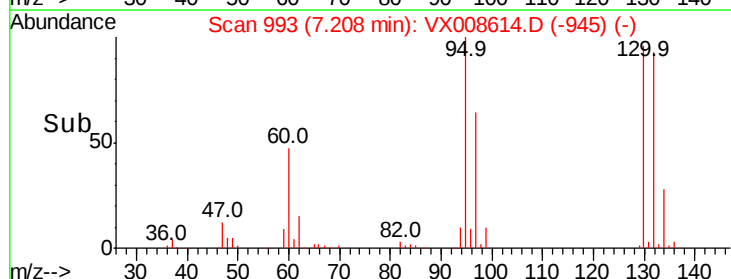
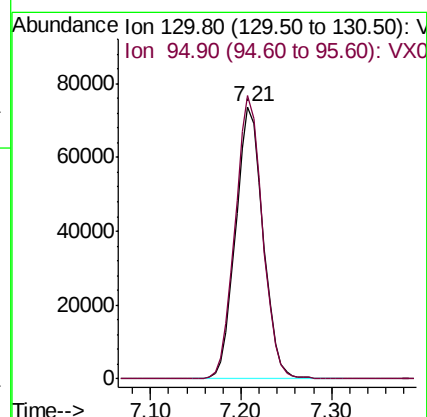
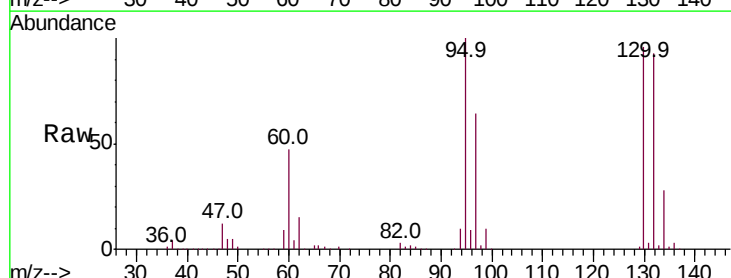
RT: 7.21 min Scan# 993

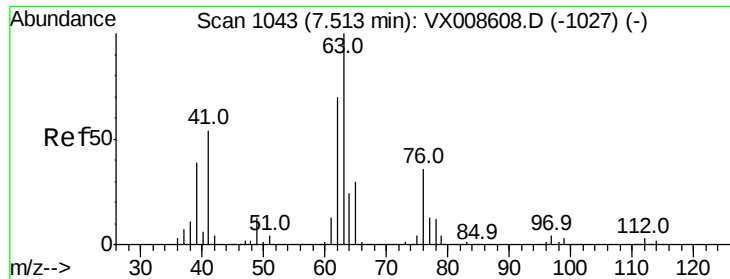
Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:	130	Resp:	155152
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	209.8





#45

1,2-Dichloropropane

Concen: 49.240 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

ICVVX040319

Tot Ion: 63 Resp: 186028

Ion Ratio Lower Upper

63 100

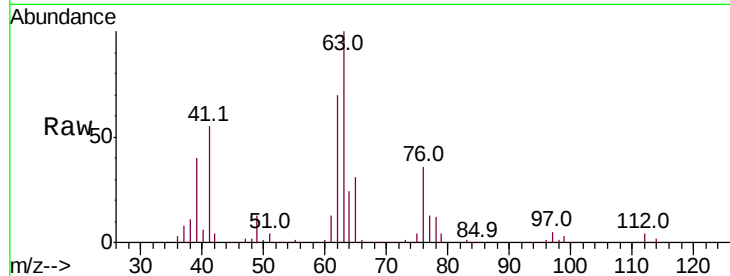
65 30.7 24.2 36.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

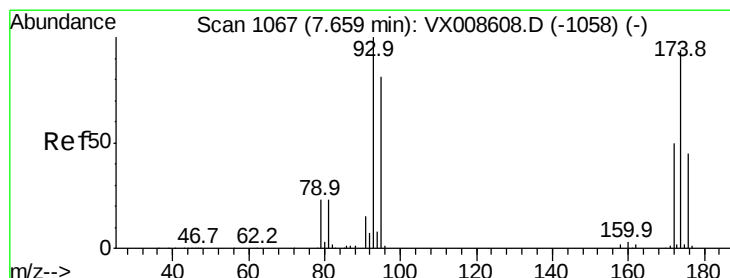
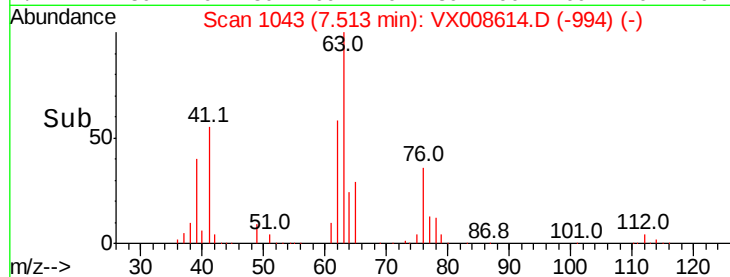
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.766 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

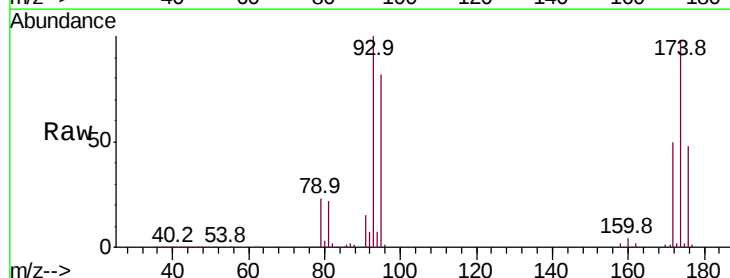
Tgt Ion: 93 Resp: 106853

Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 97.4 77.7 116.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

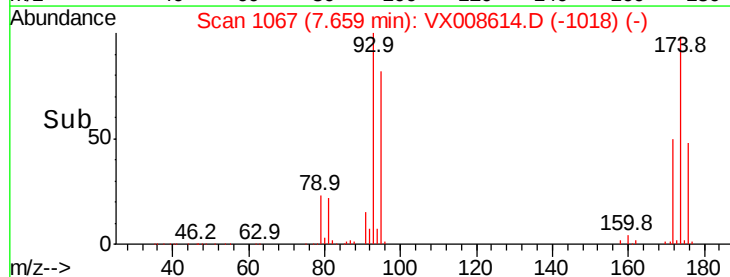
60000

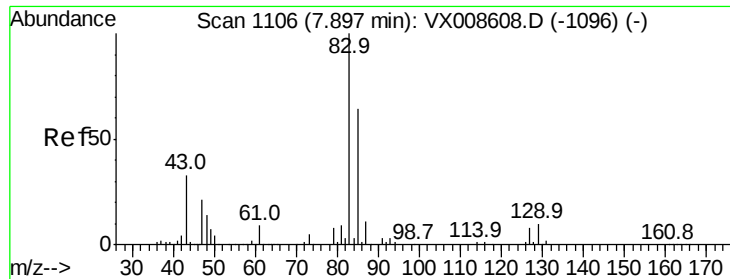
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 52.087 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

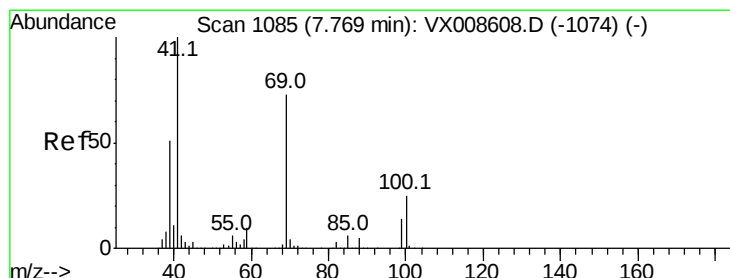
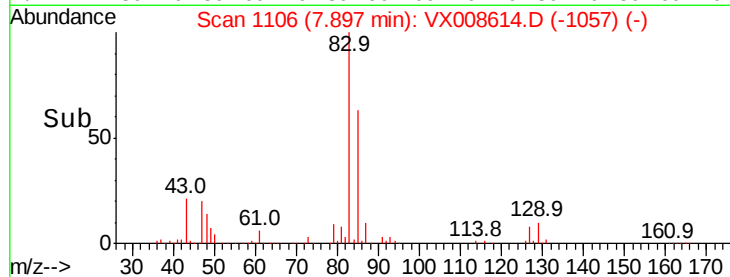
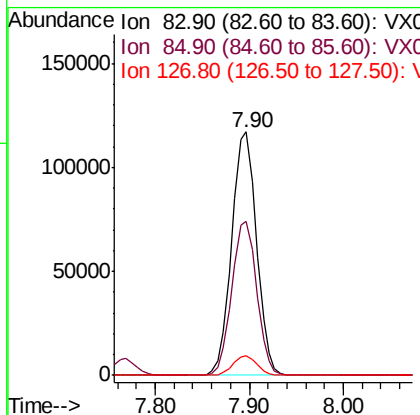
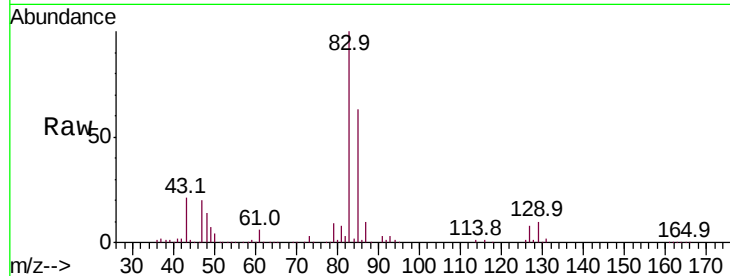
ClientSampleId :

ICVVX040319

Tot Ion:	83	Resp:	215193
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8
127	8.0	6.6	10.0

Manual Integrations
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4/4/2019 3:37:45 PM



#48

Methyl methacrylate

Concen: 51.282 ug/l

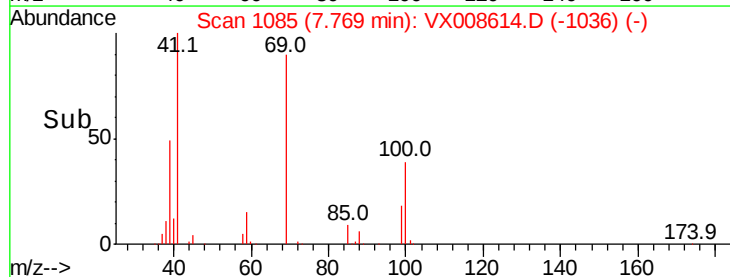
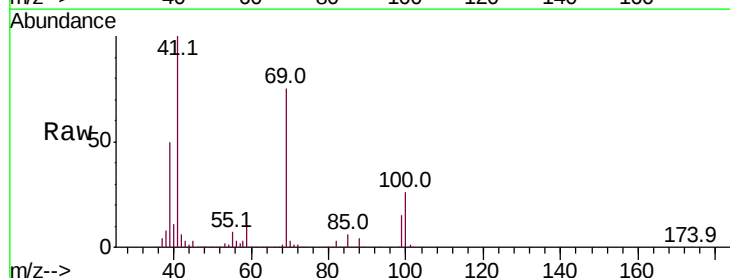
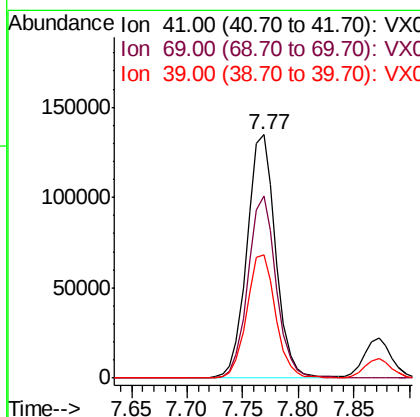
RT: 7.77 min Scan# 1085

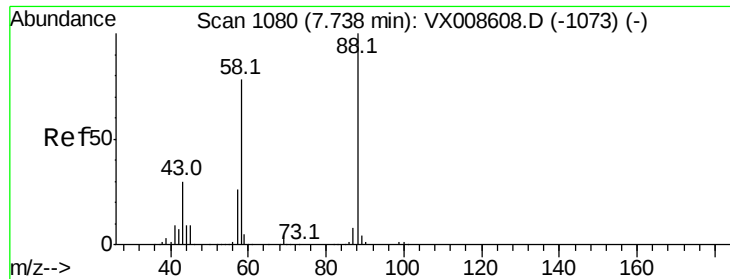
Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:	41	Resp:	240997
Ion	Ratio	Lower	Upper
41	100		
69	74.0	59.0	88.4
39	50.9	41.0	61.4





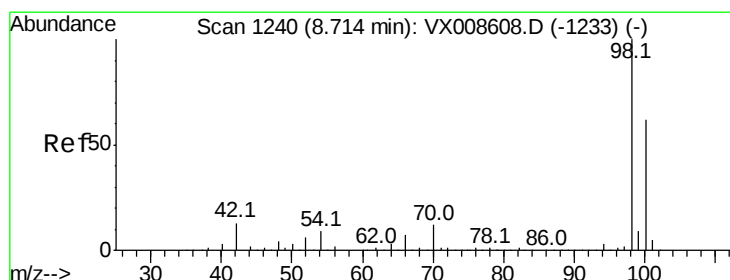
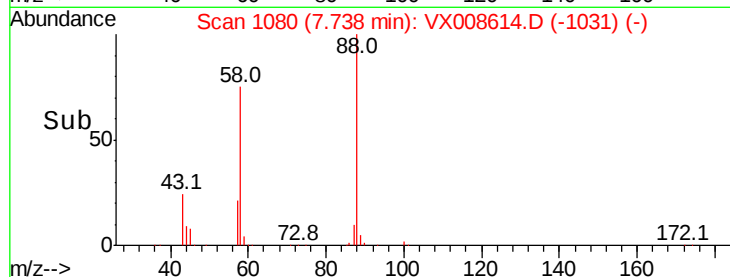
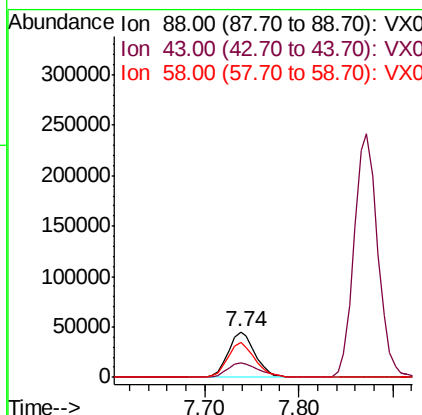
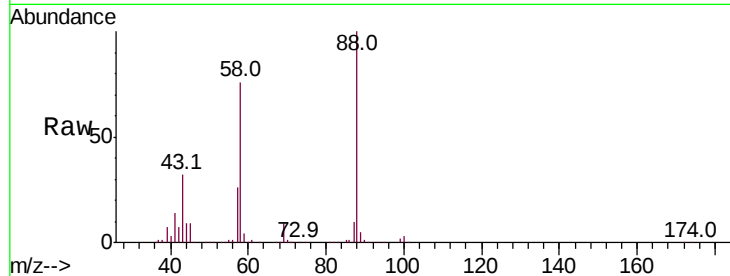
#49
1,4-Dioxane
Concen: 1005.721 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	28.6	43.0
58	79.4	62.2	93.2

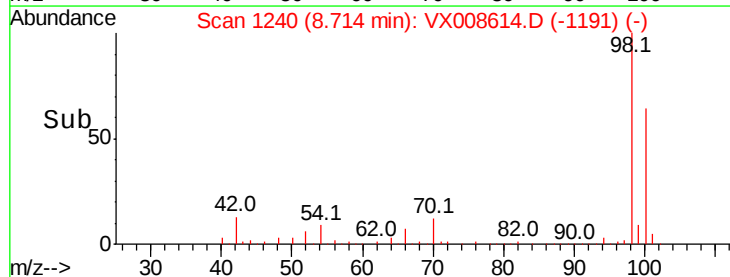
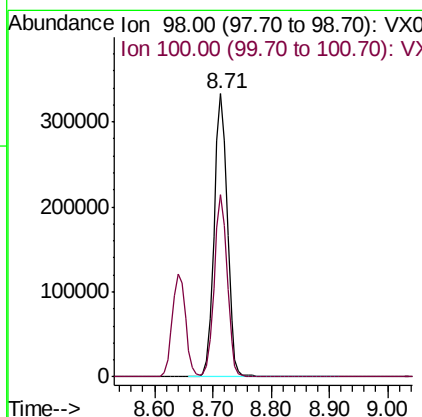
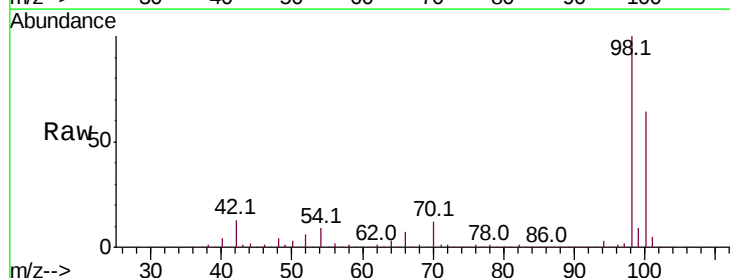
Manual Integrations
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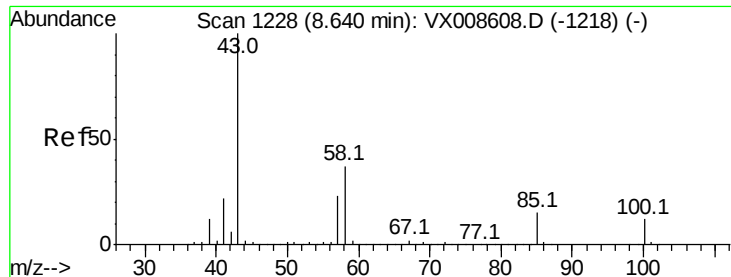
MMDadoda
4/4/2019 3:37:45 PM



#50
Toluene-d8
Concen: 50.171 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 257.620 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

ICVVX040319

Tot Ion: 43 Resp: 1540674

Ion Ratio Lower Upper

43 100

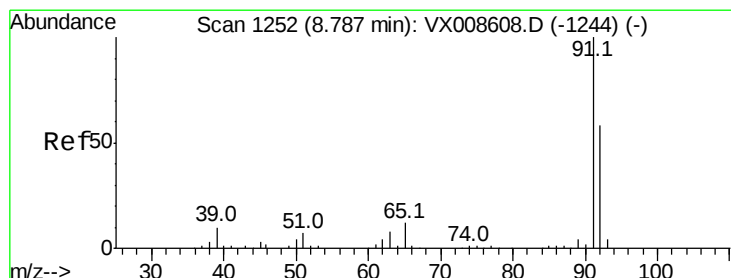
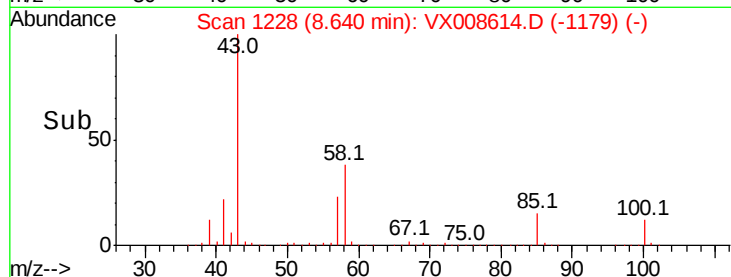
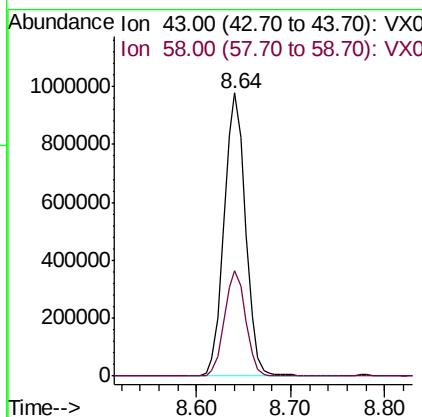
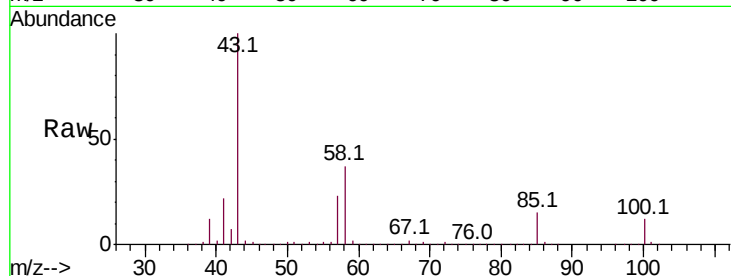
58 37.0 29.5 44.3

Manual Integrations

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4/4/2019 3:37:45 PM



#52

Toluene

Concen: 50.769 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008614.D

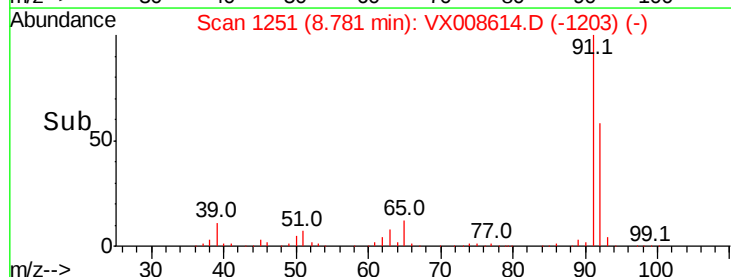
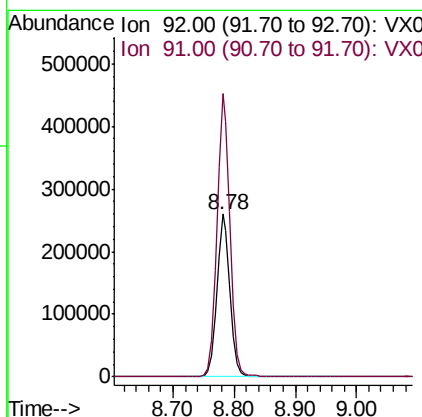
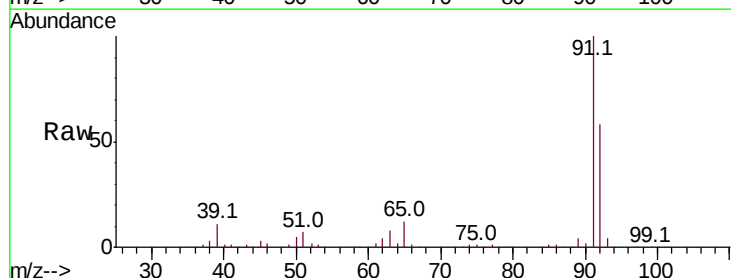
Acq: 03 Apr 2019 13:16

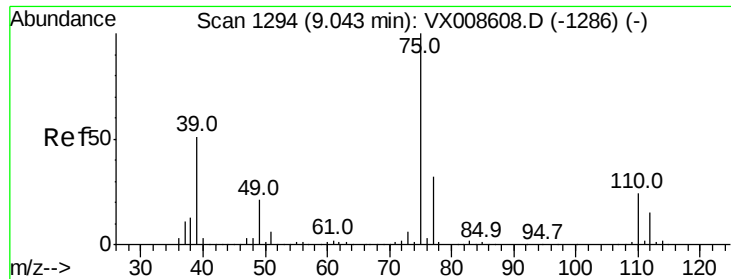
Tgt Ion: 92 Resp: 396178

Ion Ratio Lower Upper

92 100

91 173.8 138.5 207.7





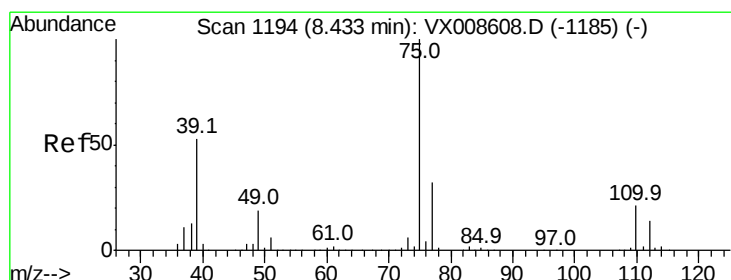
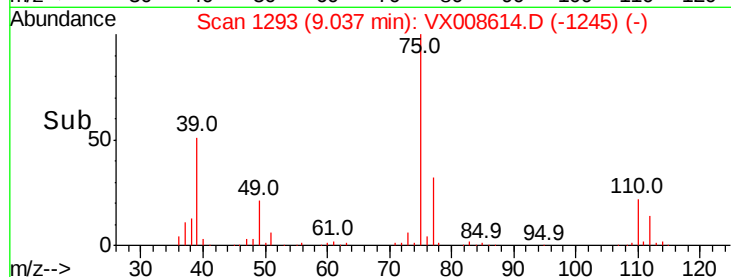
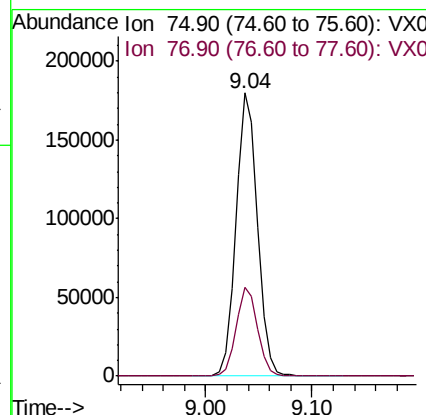
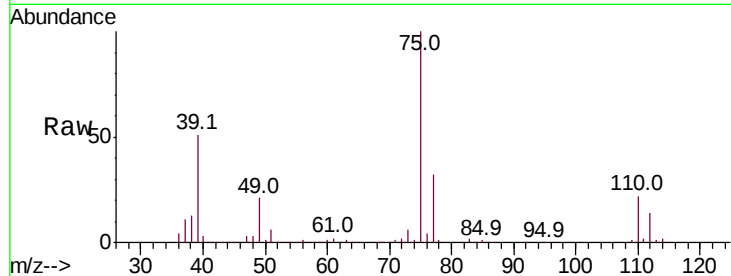
#53
t-1,3-Dichloropropene
Concen: 54.887 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion: 75 Resp: 254010
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

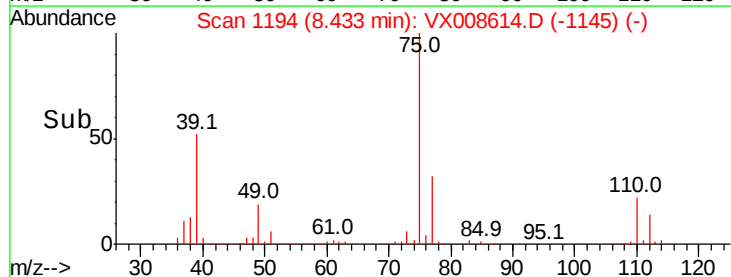
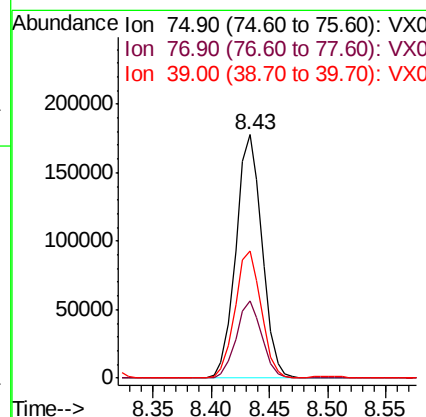
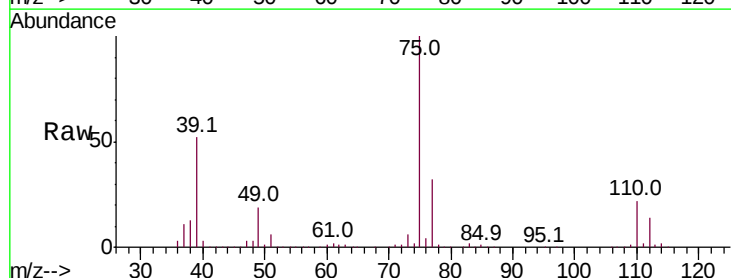
Manual Integrations
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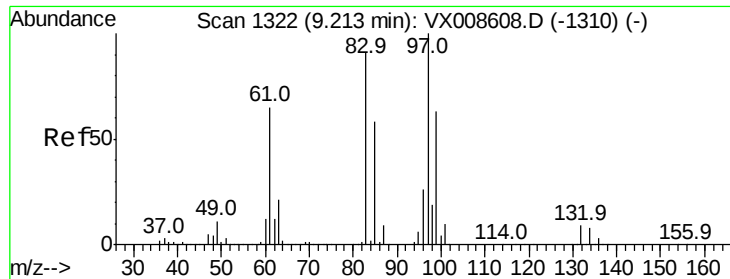
MMDadoda
4/4/2019 3:37:45 PM



#54
cis-1,3-Dichloropropene
Concen: 52.626 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 75 Resp: 278284
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 52.2 42.6 63.8





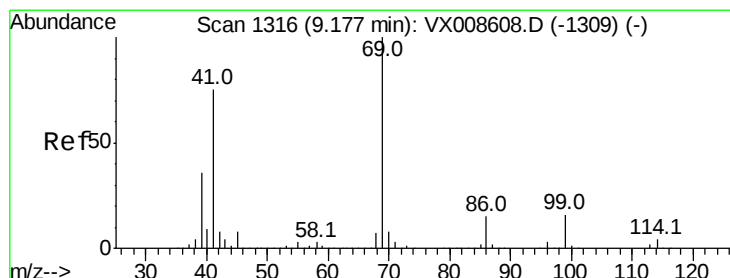
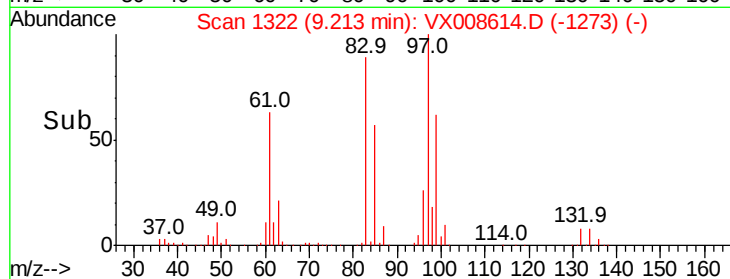
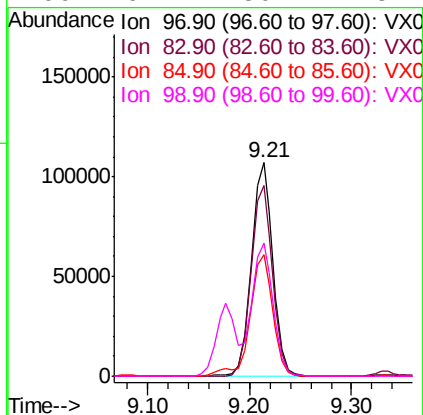
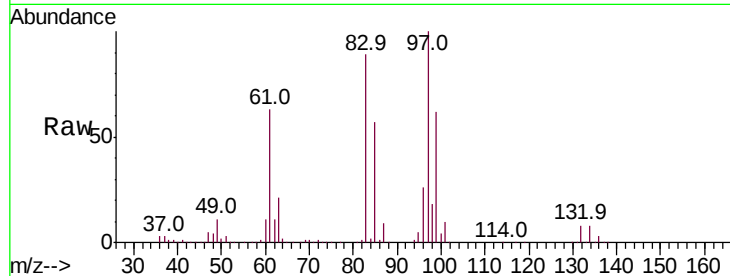
#55
 1,1,2-Trichloroethane
 Concen: 50.180 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion:	97	Resp:	157181
Ion	Ratio	Lower	Upper
97	100		
83	89.1	73.2	109.8
85	56.8	46.6	69.8
99	62.4	50.1	75.1

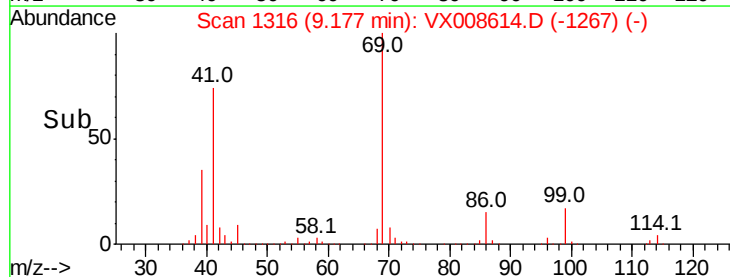
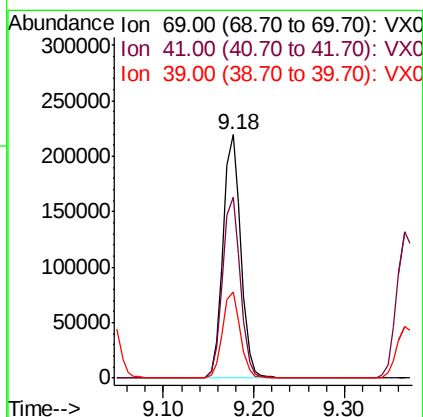
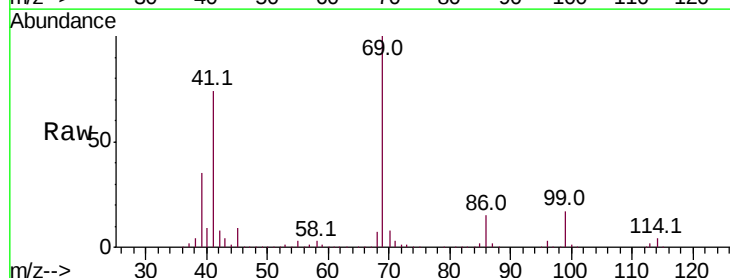
Manual Integrations
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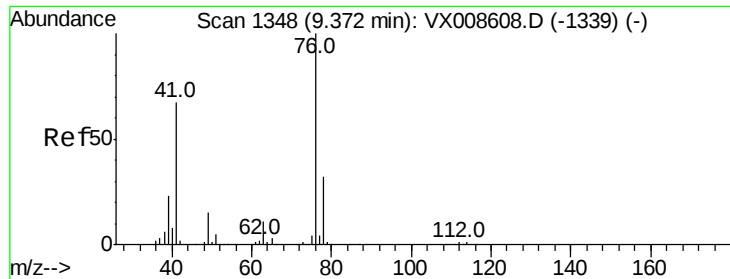
MMDadoda
 4/4/2019 3:37:45 PM



#56
 Ethyl methacrylate
 Concen: 53.041 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion:	69	Resp:	300607
Ion	Ratio	Lower	Upper
69	100		
41	74.8	60.1	90.1
39	35.3	28.9	43.3





#57

1,3-Dichloropropane

Concen: 50.125 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 76 Resp: 281934

Ion Ratio Lower Upper

76 100

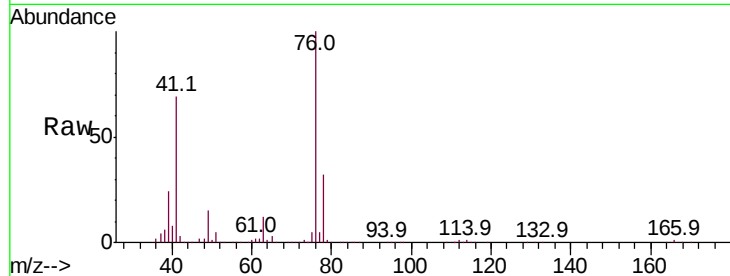
78 32.3 25.6 38.4

Manual Integrations

APPROVED

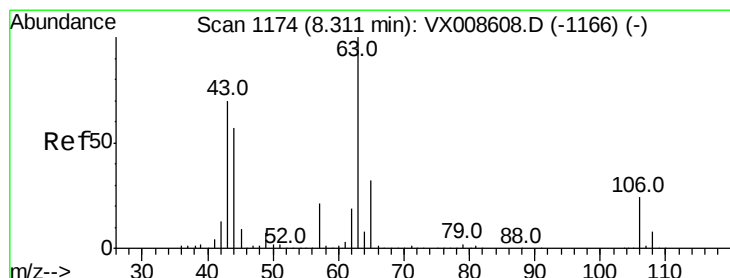
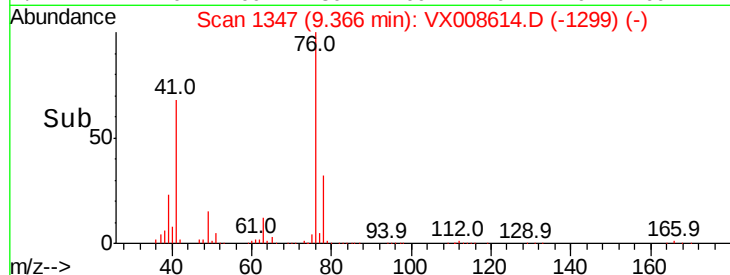
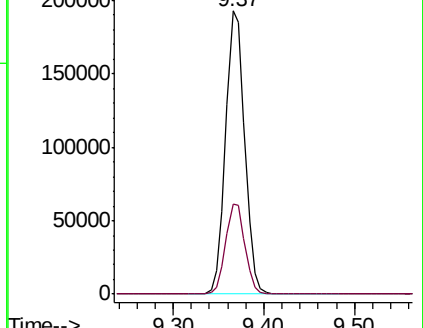
MMDadoda

4/4/2019 3:37:45 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.268 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008614.D

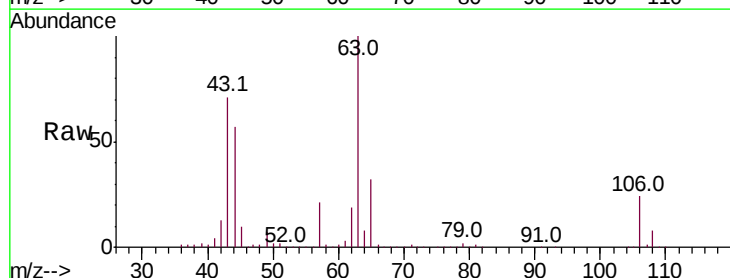
Acq: 03 Apr 2019 13:16

Tgt Ion: 63 Resp: 779240

Ion Ratio Lower Upper

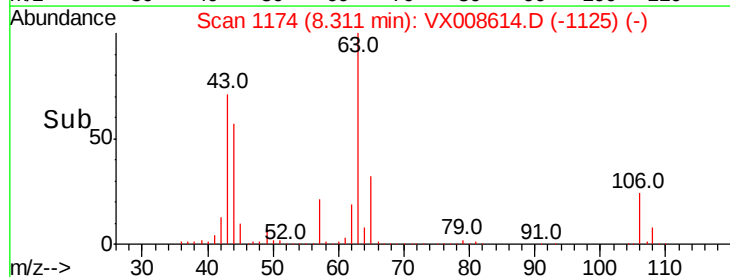
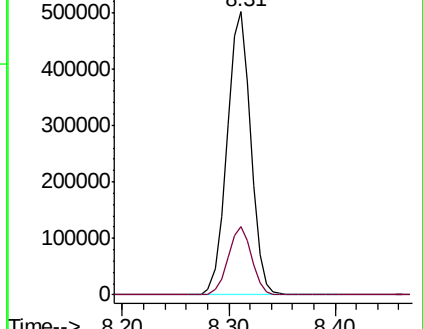
63 100

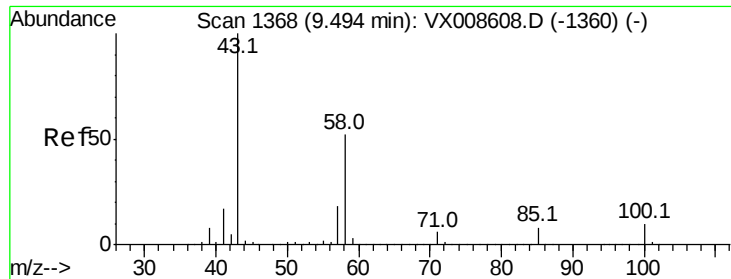
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





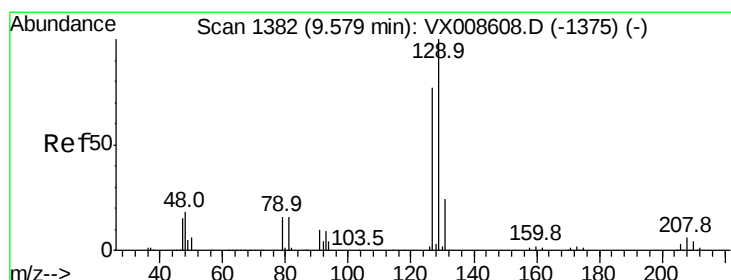
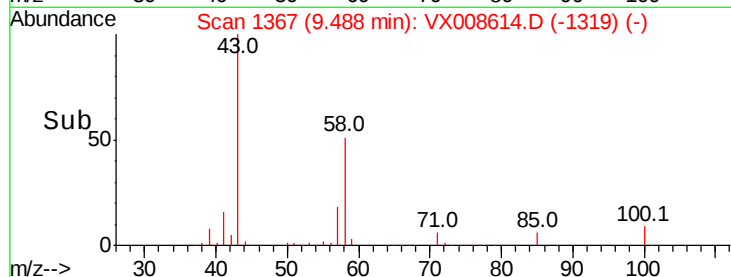
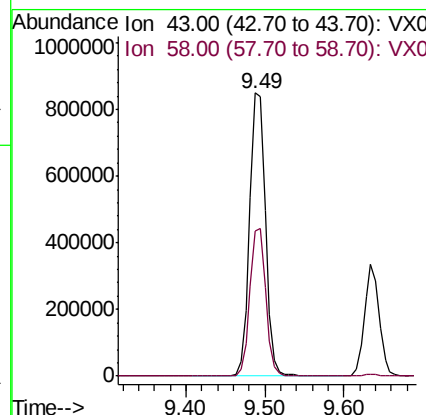
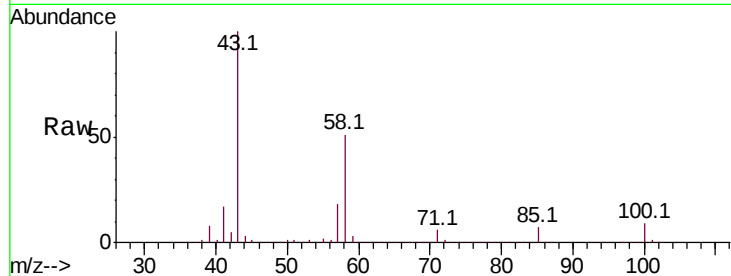
#59
2-Hexanone
Concen: 255.604 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion: 43 Resp: 1187960
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7

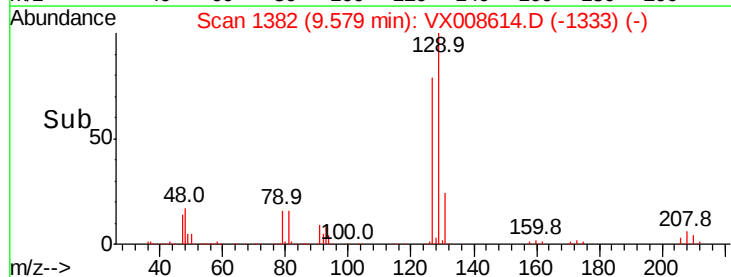
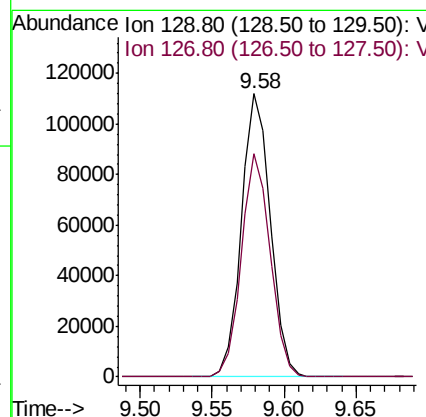
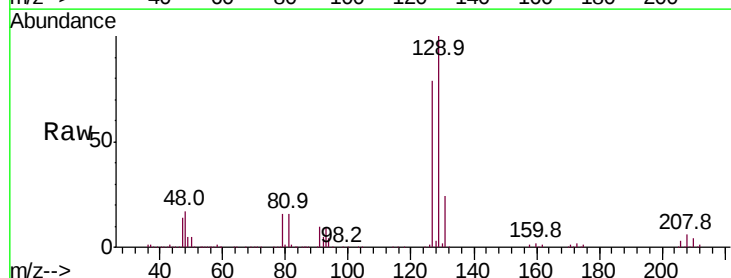
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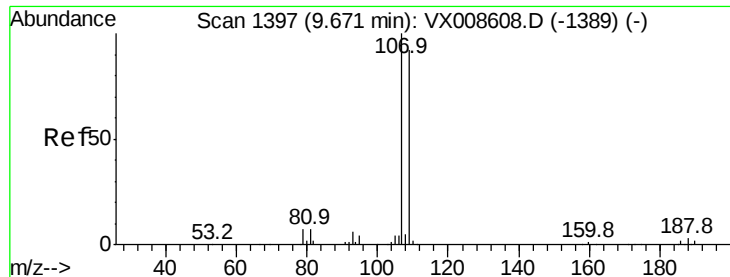
MMDadoda
4/4/2019 3:37:45 PM



#60
Dibromochloromethane
Concen: 53.020 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 129 Resp: 156499
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.169 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:107 Resp: 163598

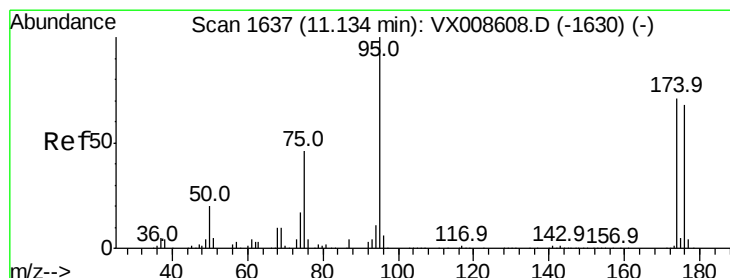
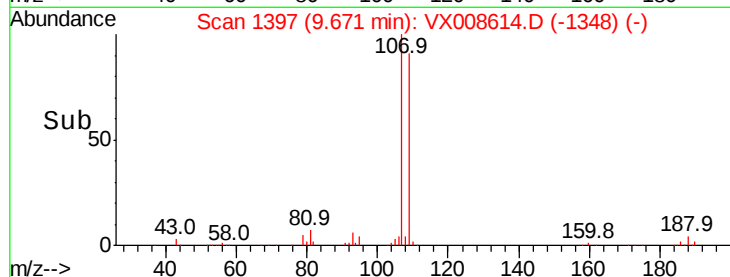
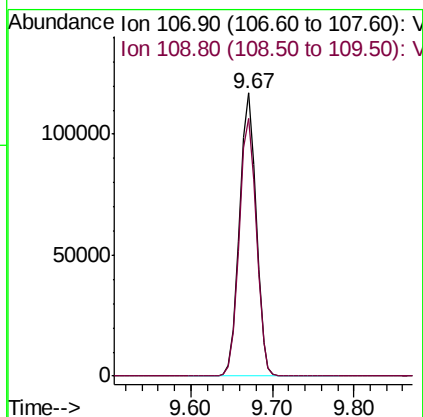
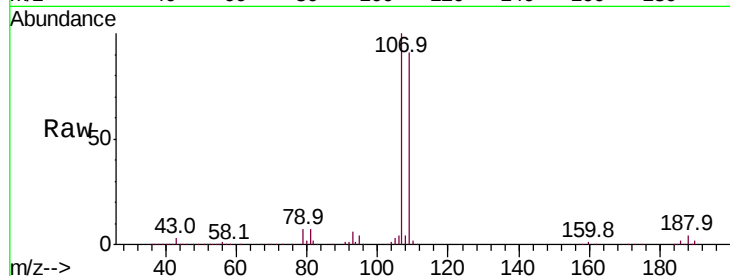
Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1

Manual Integrations
APPROVED

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4/4/2019 3:37:45 PM



#62

4-Bromofluorobenzene

Concen: 52.205 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

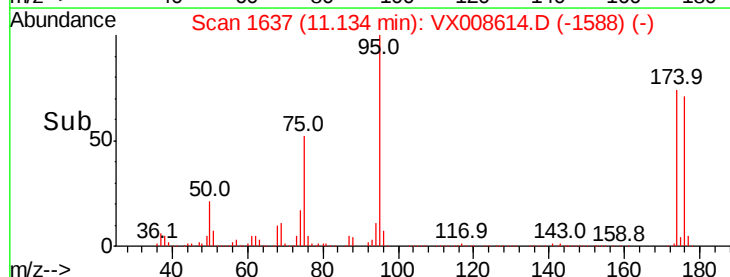
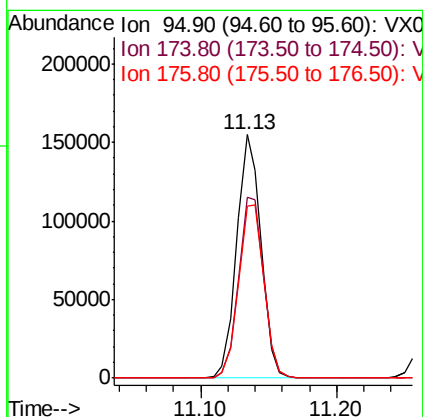
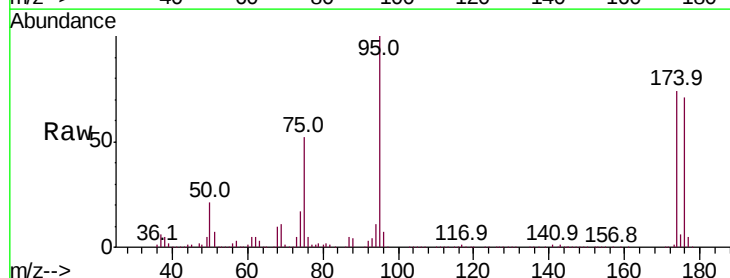
Tgt Ion: 95 Resp: 191562

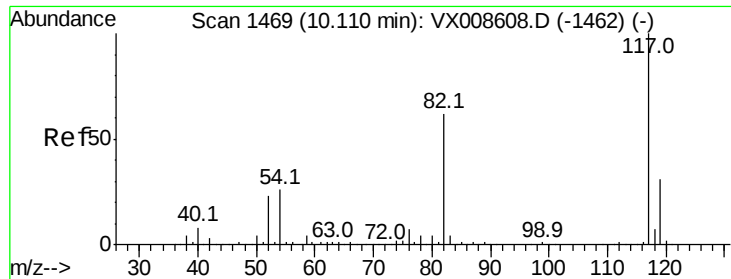
Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

176 74.8 0.0 145.8





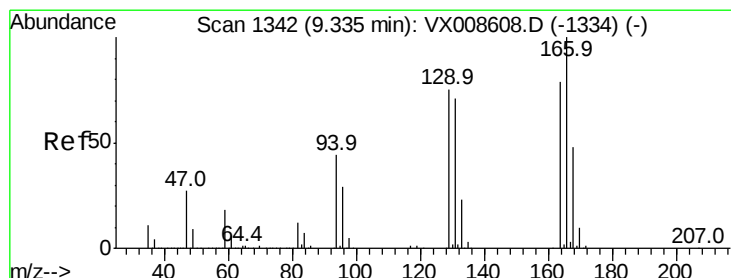
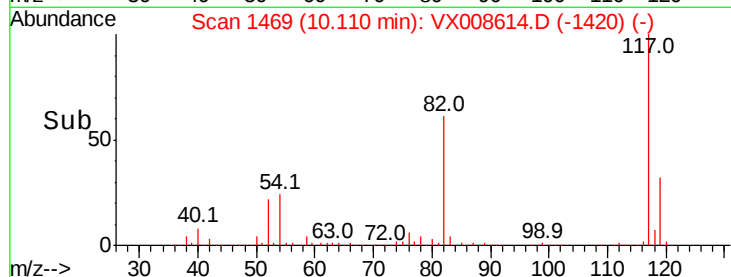
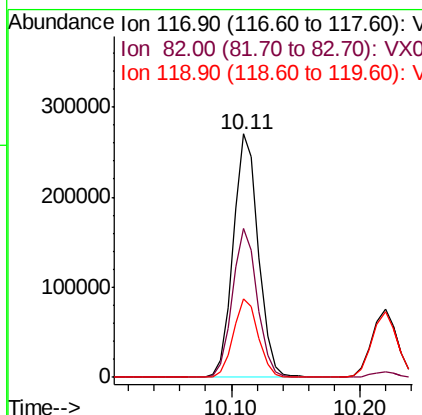
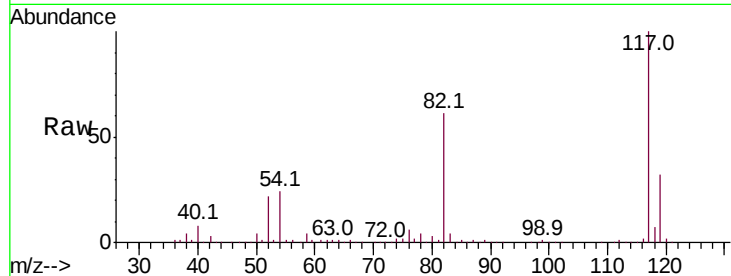
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.6	74.4
119	32.0	25.0	37.4

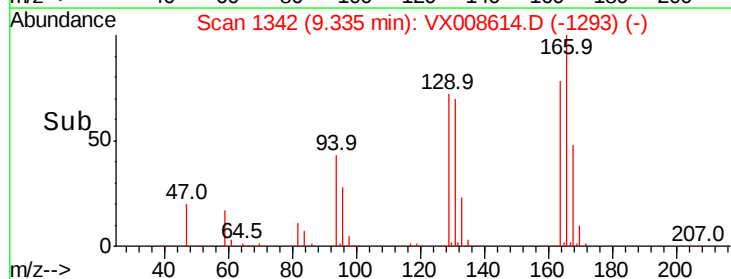
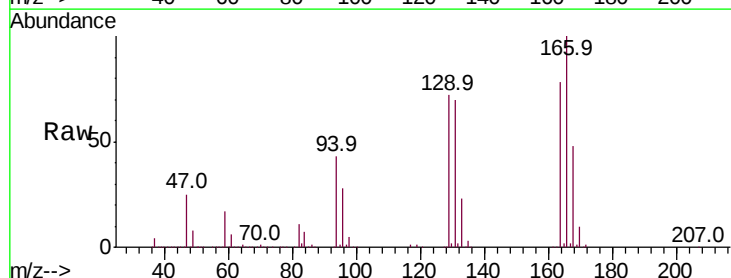
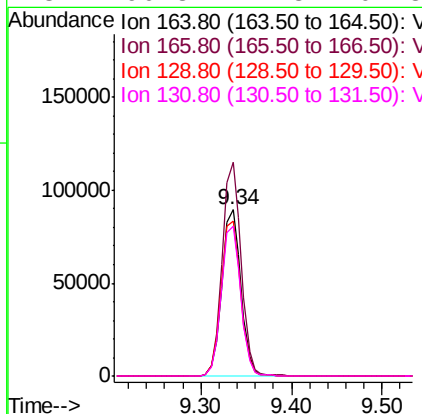
Manual Integrations
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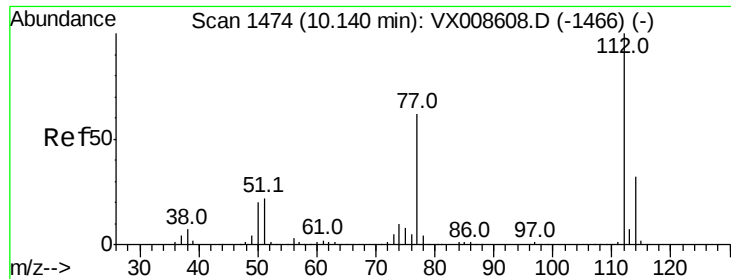
MMDadoda
4/4/2019 3:37:45 PM



#64
Tetrachloroethene
Concen: 48.329 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	101.0	151.6
129	92.8	75.8	113.8
131	90.3	71.8	107.8





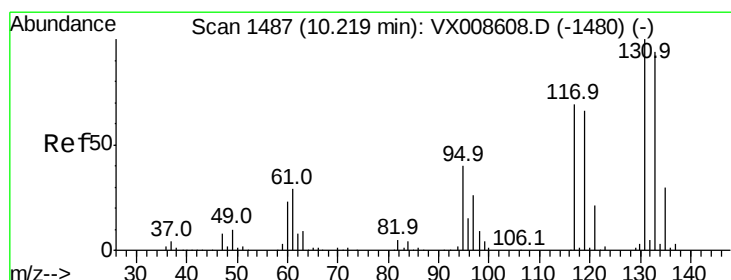
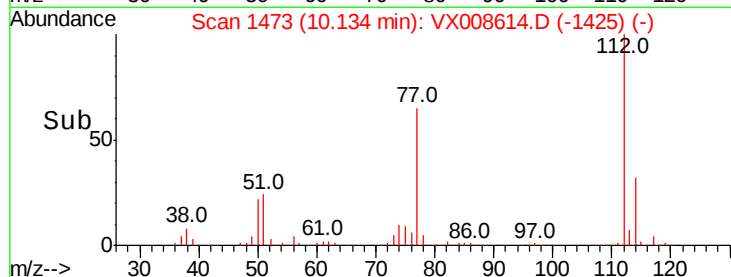
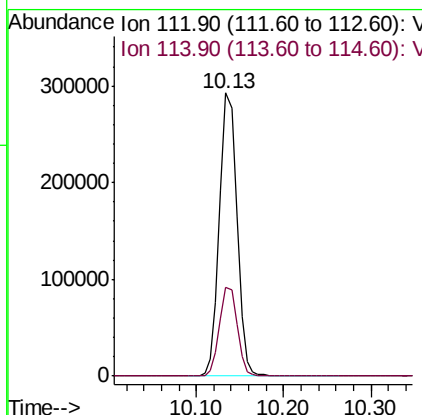
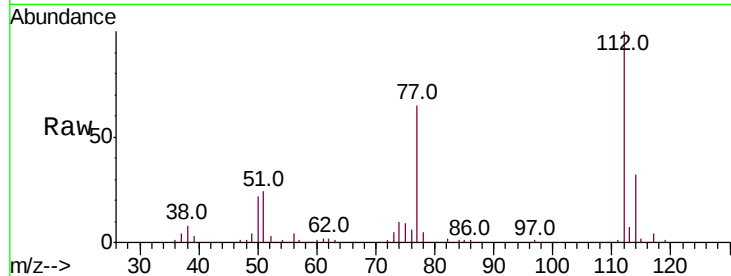
#65
Chlorobenzene
Concen: 50.170 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:112 Resp: 406992
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

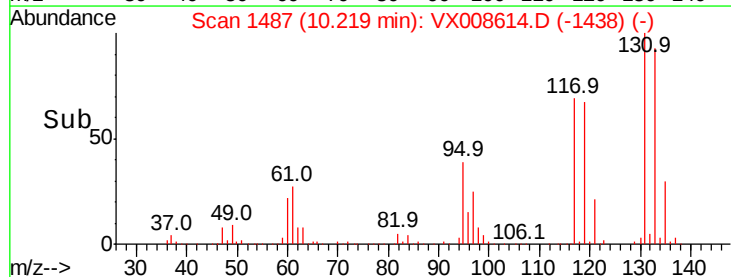
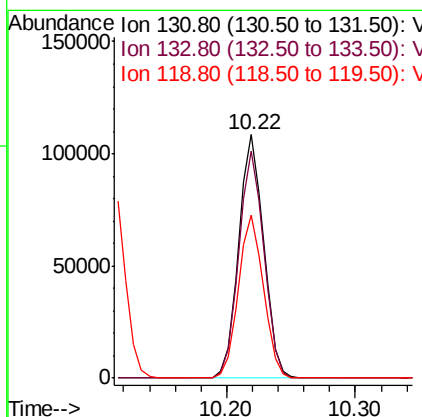
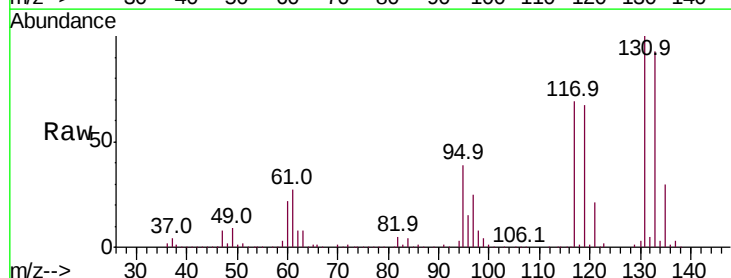
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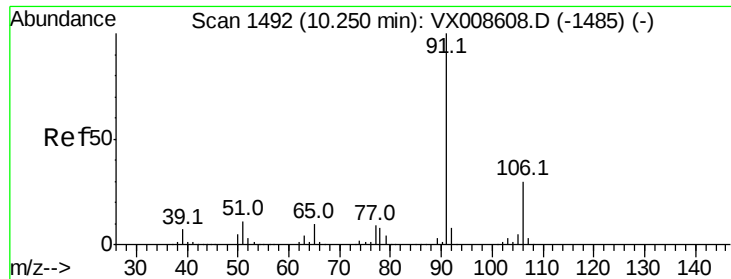
MMDadoda
4/4/2019 3:37:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.167 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:131 Resp: 145616
Ion Ratio Lower Upper
131 100
133 93.8 47.0 141.2
119 66.9 33.7 101.0





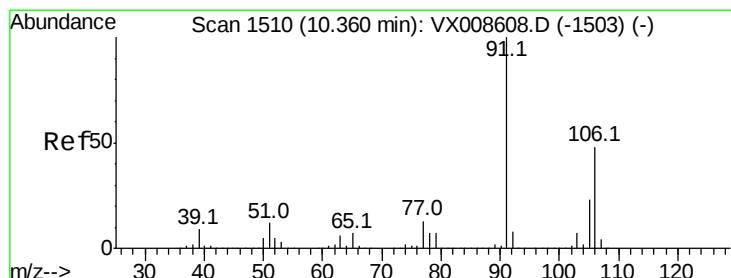
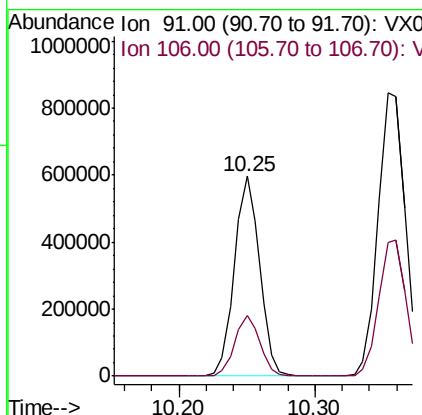
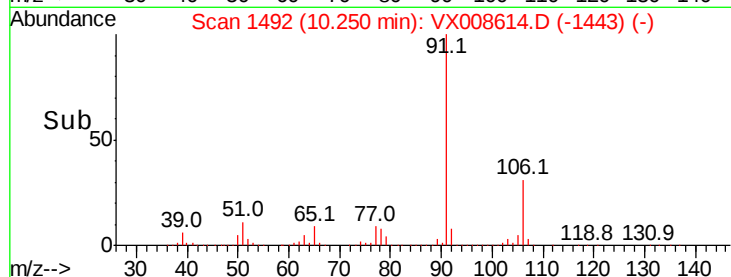
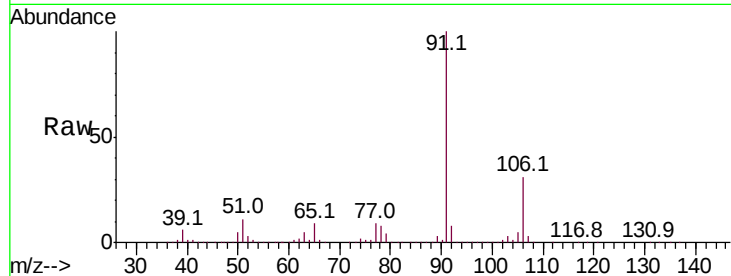
#67
Ethyl Benzene
Concen: 50.881 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion: 91 Resp: 769659
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5

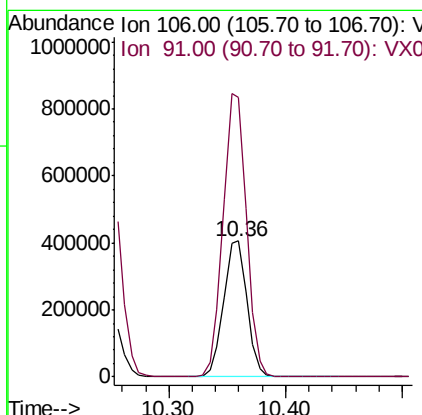
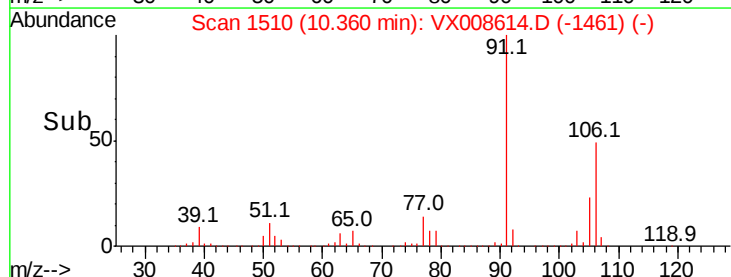
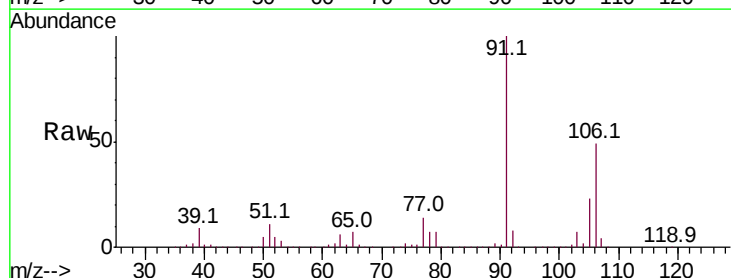
Manual Integrations
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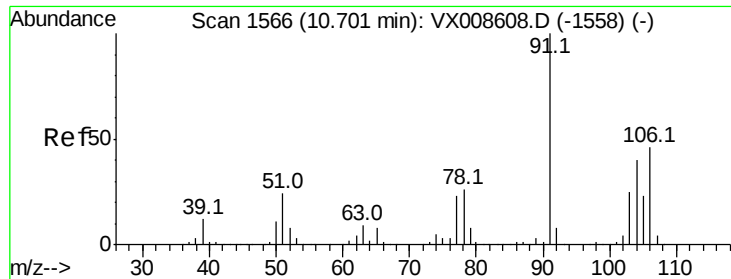
MMDadoda
4/4/2019 3:37:45 PM



#68
m/p-Xylenes
Concen: 103.214 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 106 Resp: 561364
Ion Ratio Lower Upper
106 100
91 209.3 168.5 252.7





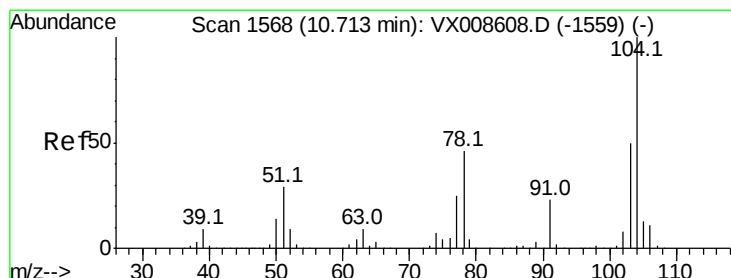
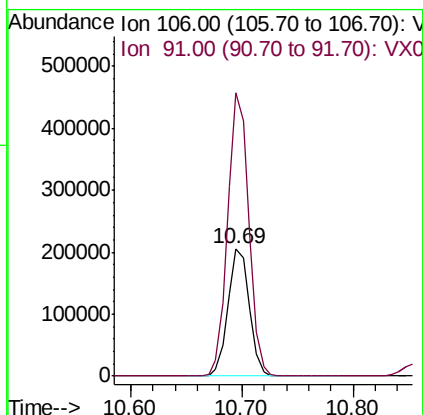
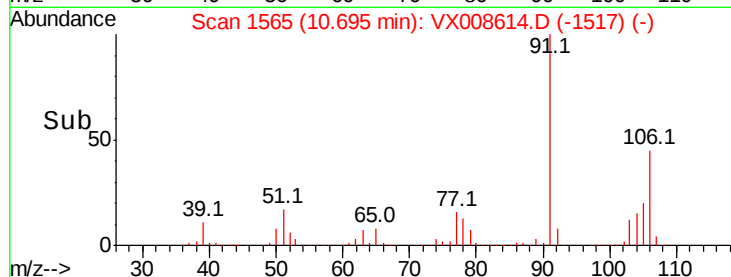
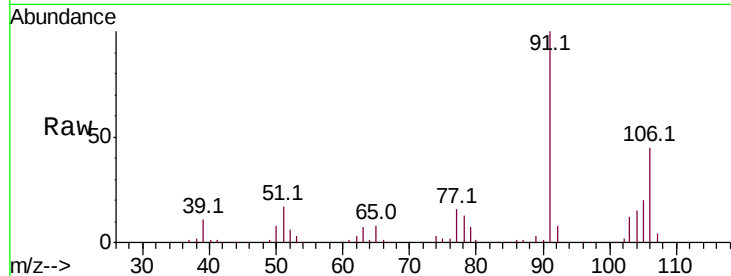
#69
o-Xylene
Concen: 51.689 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:106 Resp: 272448
Ion Ratio Lower Upper
106 100
91 219.9 111.5 334.4

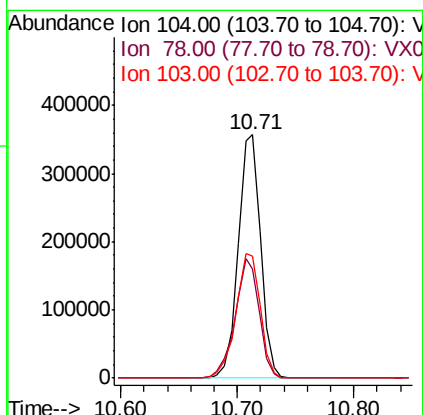
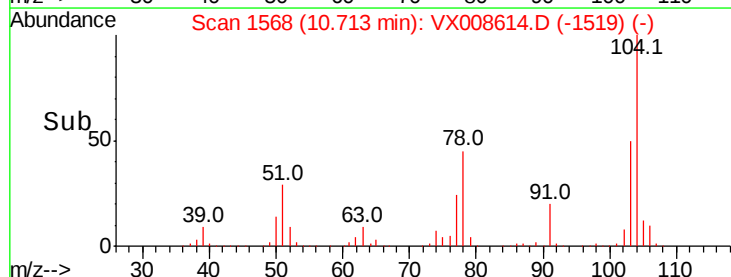
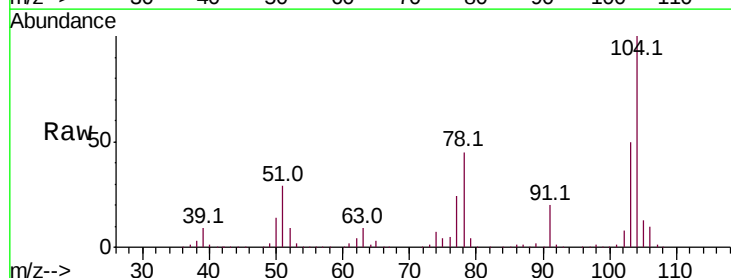
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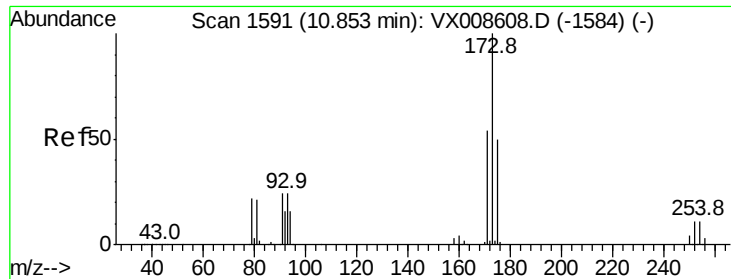
MMDadoda
4/4/2019 3:37:45 PM



#70
Styrene
Concen: 52.554 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:104 Resp: 477492
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.4 44.4 66.6





#71

Bromoform

Concen: 53.914 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:173 Resp: 117185

Ion Ratio Lower Upper

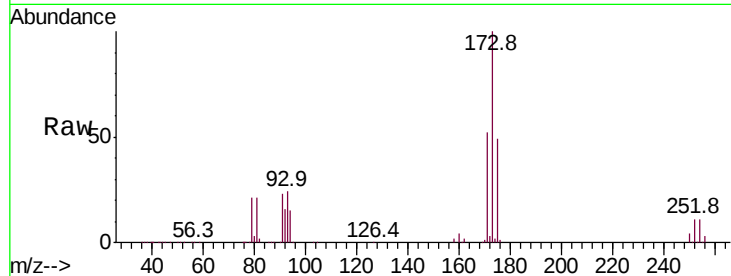
173 100

175 49.4 24.9 74.6

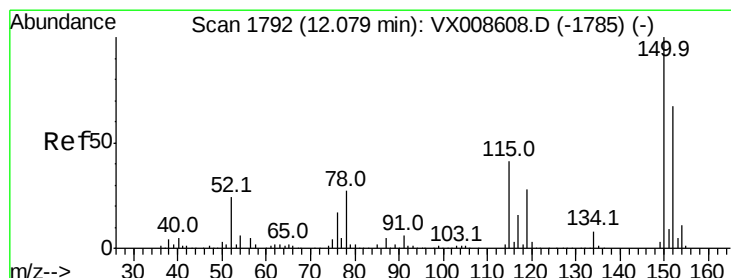
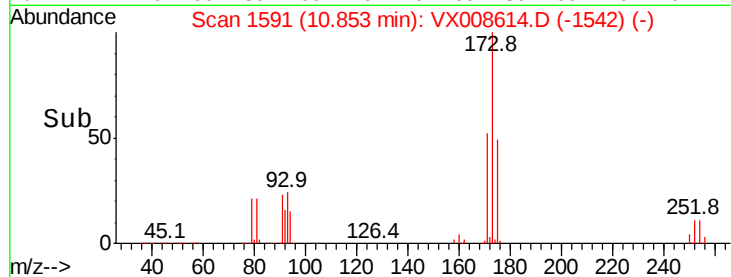
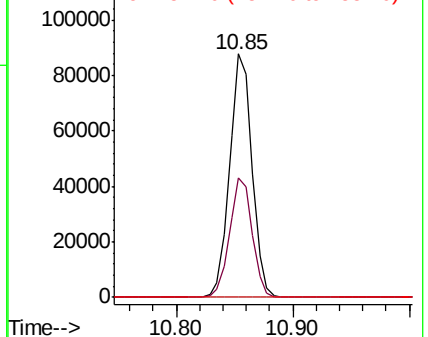
254 0.2 0.1 0.1#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
120000
Ion 174.70 (174.40 to 175.40): V
100000
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: VX008614.D

Acq: 03 Apr 2019 13:16

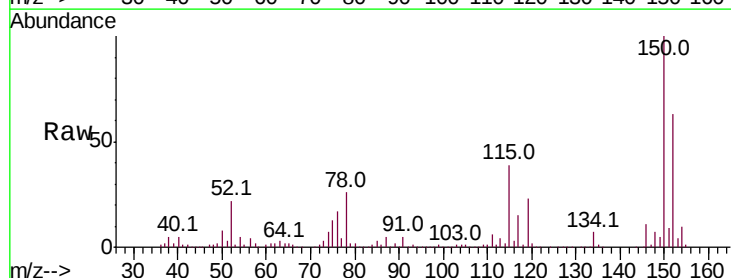
Tgt Ion:152 Resp: 176602

Ion Ratio Lower Upper

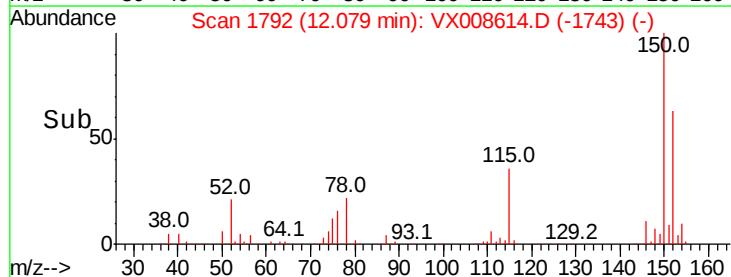
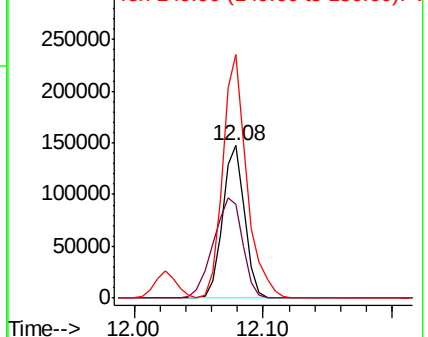
152 100

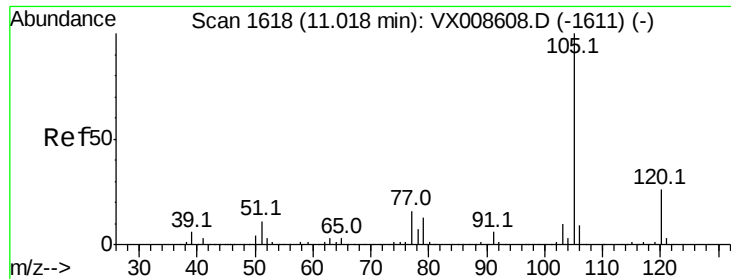
115 87.1 43.5 130.5

150 174.8 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
300000
Ion 114.90 (114.60 to 115.60): V
250000
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:105 Resp: 726734

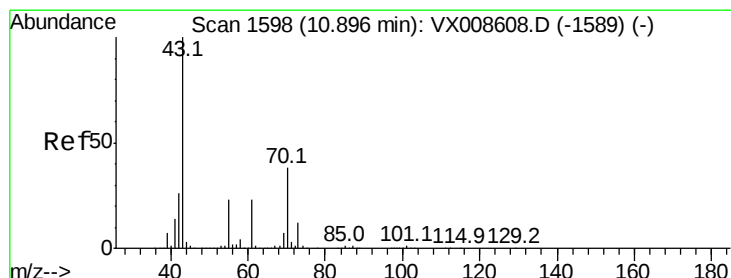
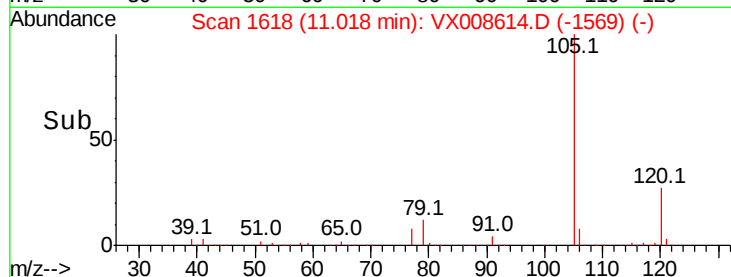
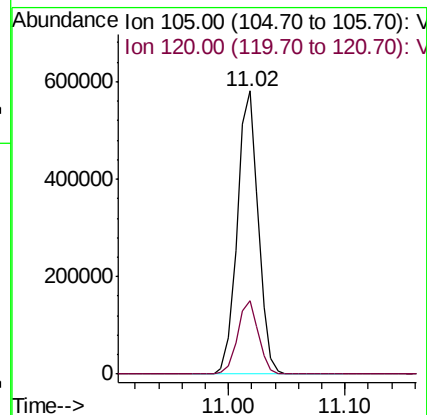
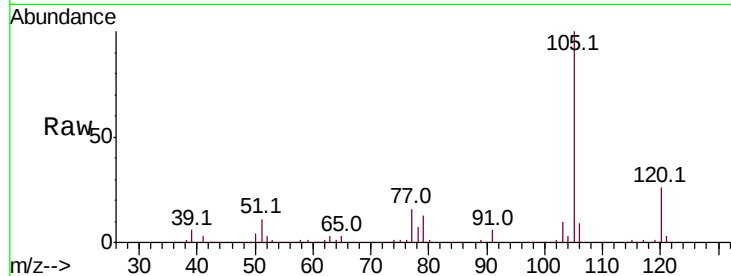
Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6

Manual Integrations
APPROVED

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4/4/2019 3:37:45 PM



#74

N-ethyl acetate

Concen: 48.708 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion: 43 Resp: 419411

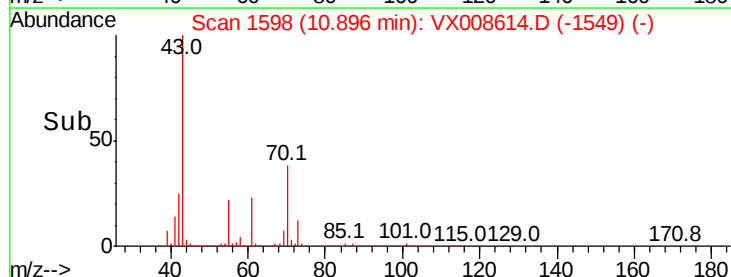
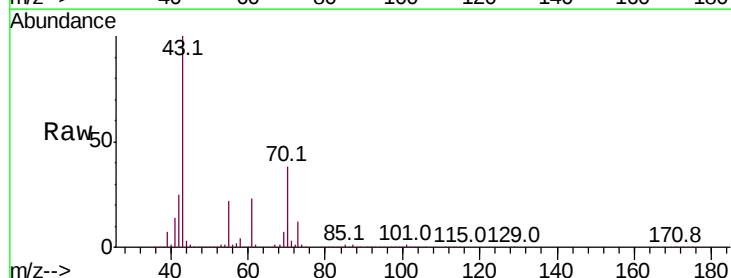
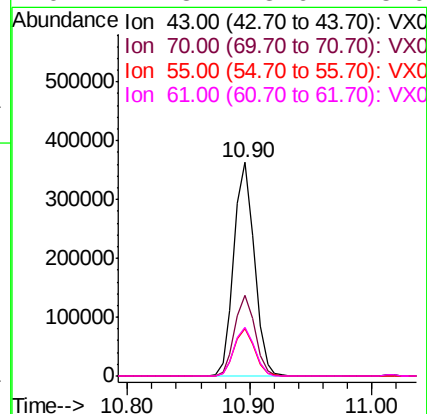
Ion Ratio Lower Upper

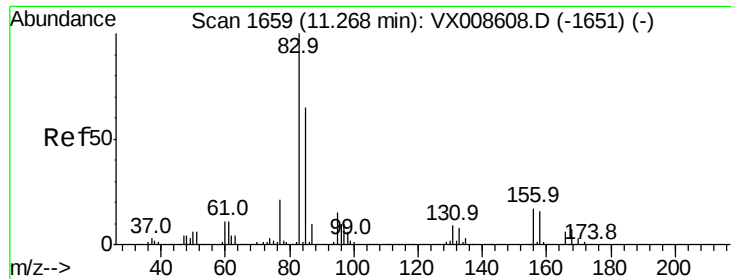
43 100

70 37.5 30.2 45.4

55 22.2 18.2 27.4

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.948 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

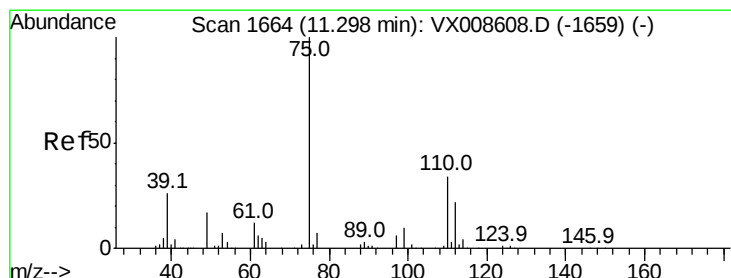
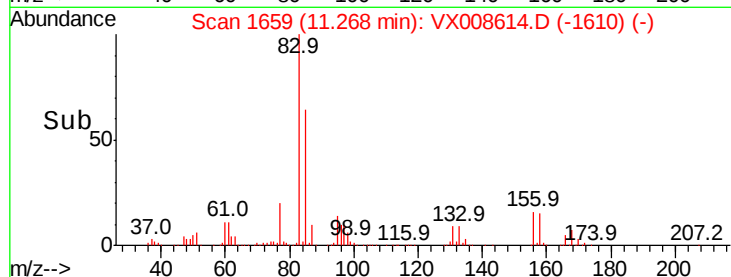
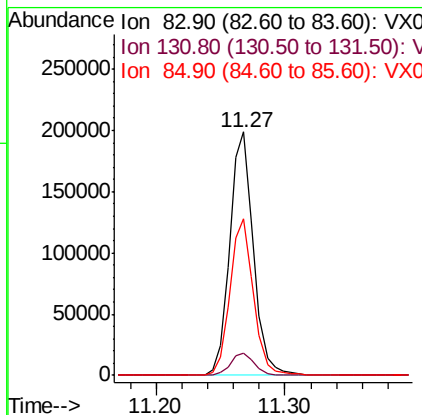
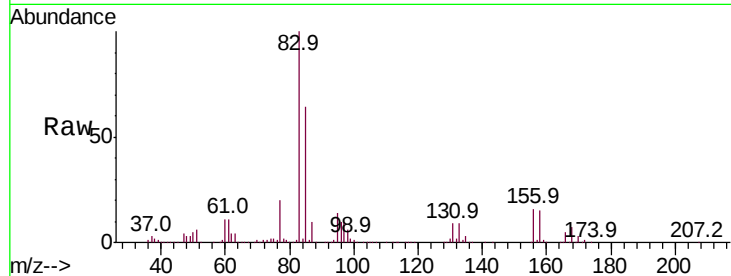
ClientSampleId :

ICVVX040319

Tot Ion:	83	Resp:	255751
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	64.0	32.0	96.2

Manual Integrations
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4/4/2019 3:37:45 PM



#76

1,2,3-Trichloropropane

Concen: 45.639 ug/l m

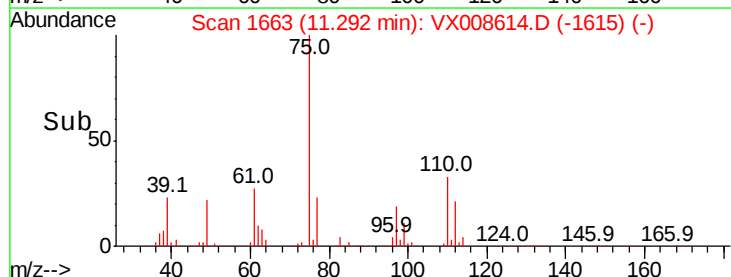
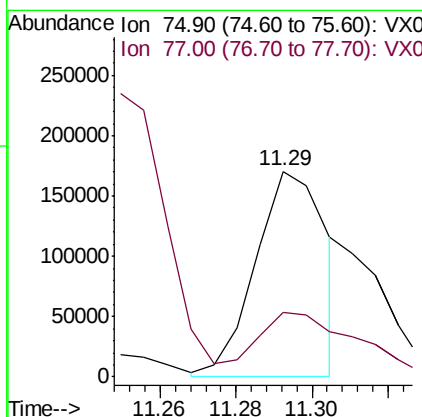
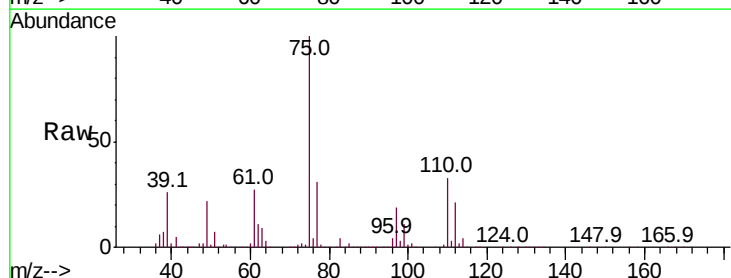
RT: 11.29 min Scan# 1663

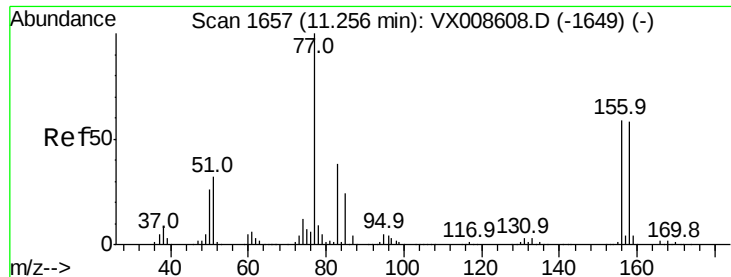
Delta R.T. -0.01 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Tgt Ion:	75	Resp:	221412
Ion Ratio	Lower	Upper	
75	100		
77	44.7	22.3	66.8





#77

Bromobenzene

Concen: 48.844 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion:156 Resp: 171852

Ion Ratio Lower Upper

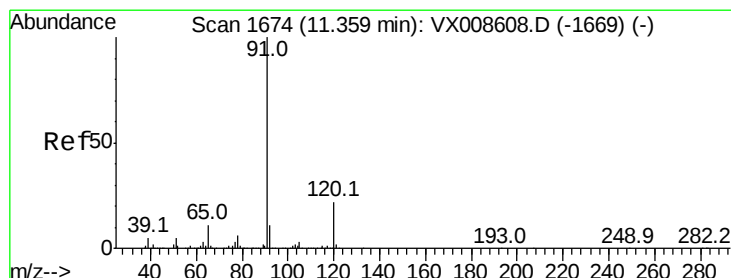
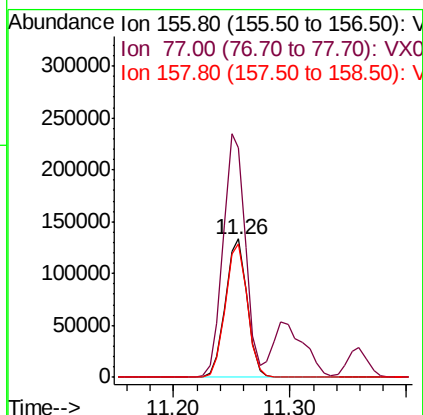
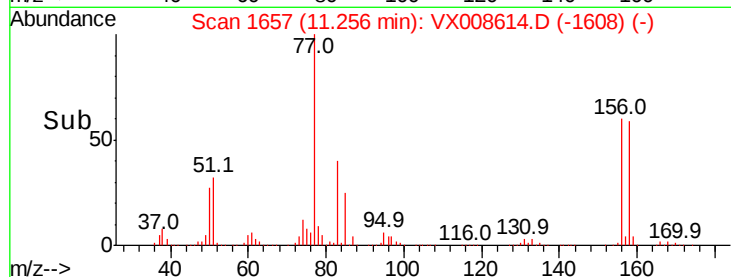
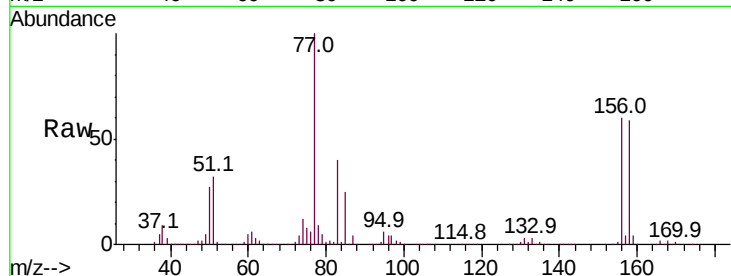
156 100

77 179.3 89.8 269.6

158 97.5 48.6 145.9

Manual Integrations
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MMDadoda
4/4/2019 3:37:45 PM



#78

n-propylbenzene

Concen: 50.876 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008614.D

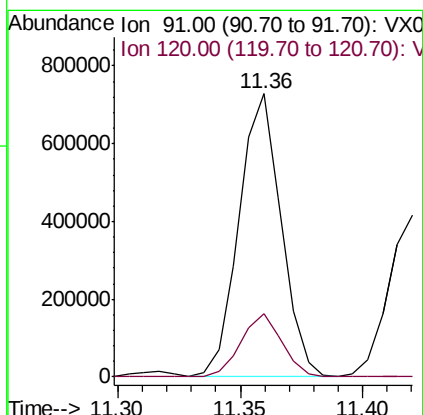
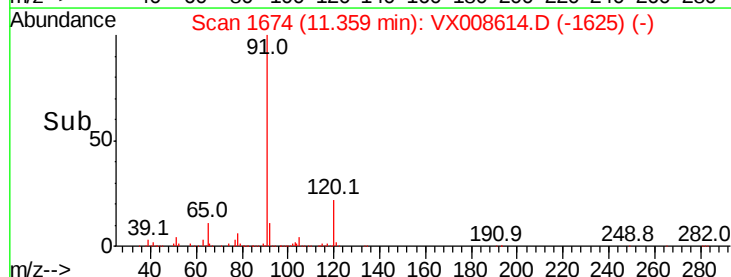
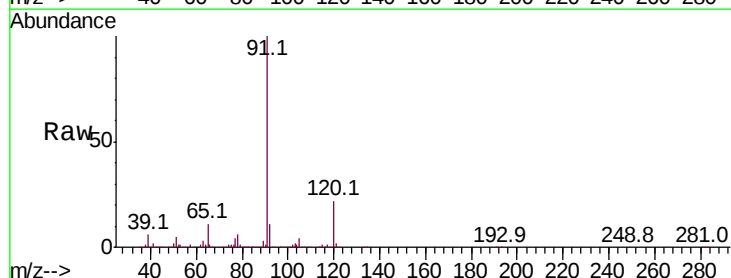
Acq: 03 Apr 2019 13:16

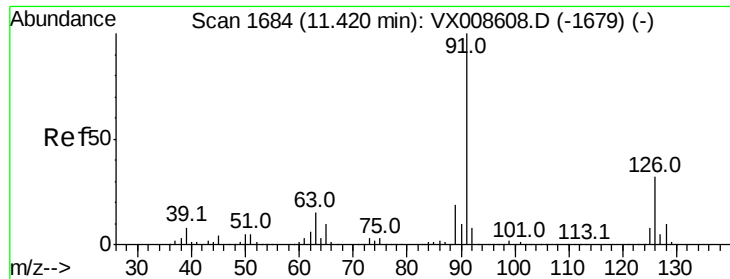
Tgt Ion: 91 Resp: 866991

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.7





#79

2-Chlorotoluene

Concen: 48.860 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040319

Tot Ion: 91 Resp: 503871

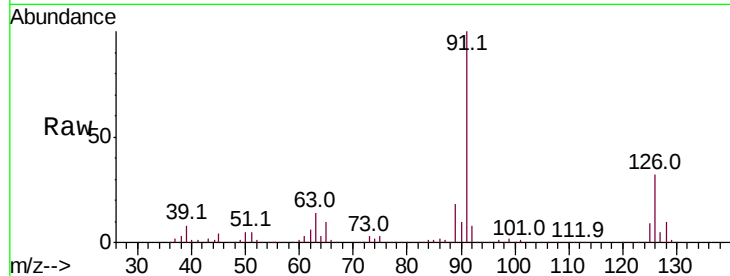
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3

Manual Integrations
APPROVED

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4/4/2019 3:37:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

800000

600000

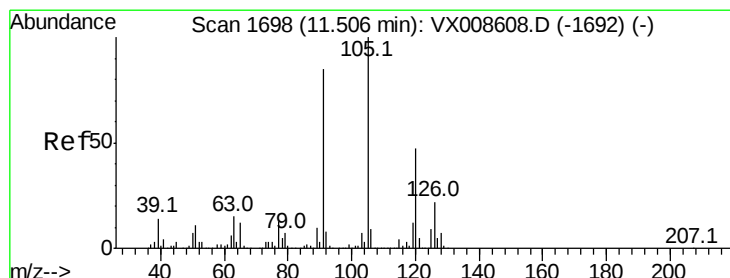
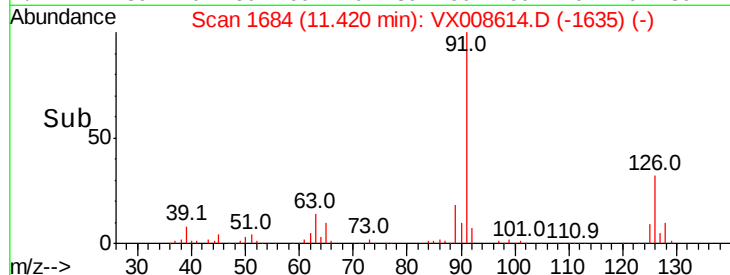
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008614.D

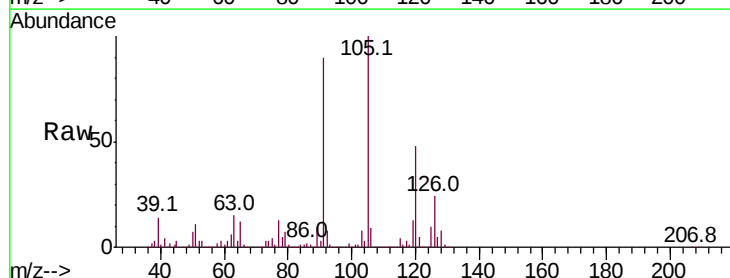
Acq: 03 Apr 2019 13:16

Tgt Ion: 105 Resp: 615940

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

600000

500000

400000

300000

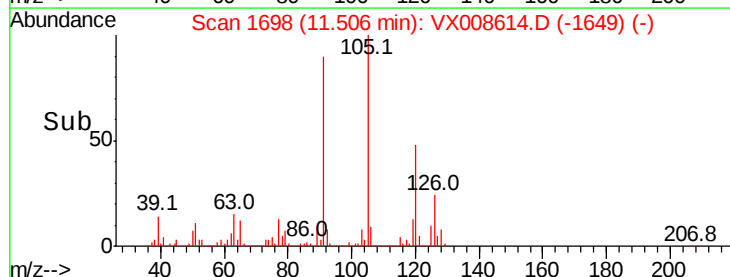
200000

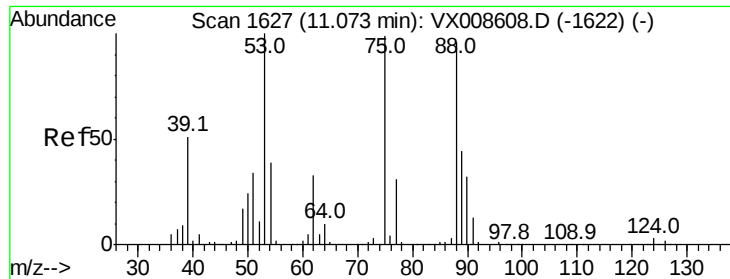
100000

0

11.40 11.50 11.60

Time-->





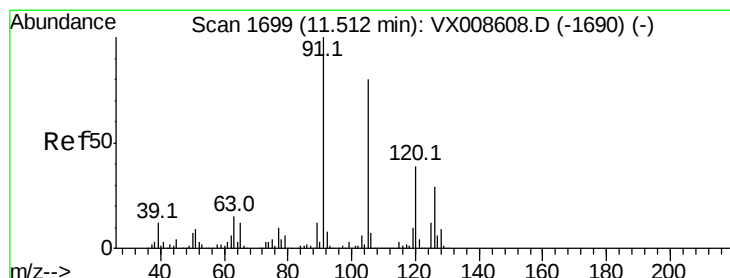
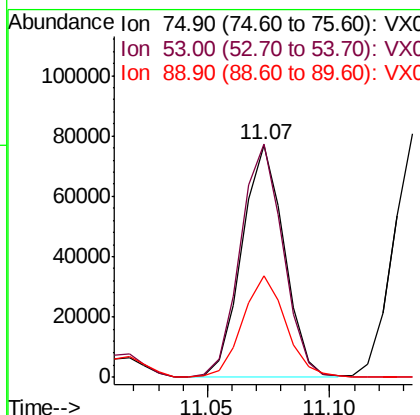
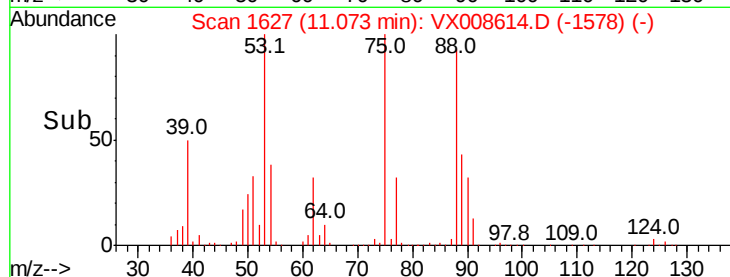
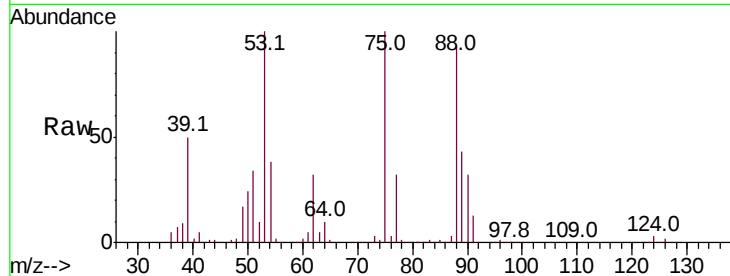
#81
trans-1,4-Dichloro-2-butene
Concen: 52.427 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion: 75 Resp: 92269
Ion Ratio Lower Upper
75 100
53 101.4 81.3 121.9
89 44.8 35.6 53.4

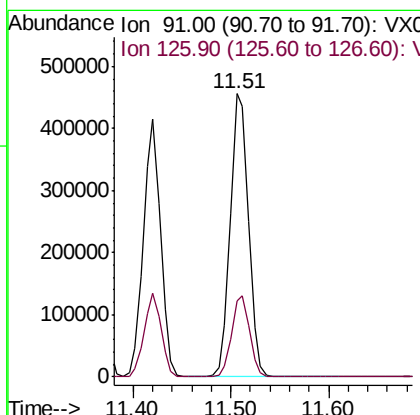
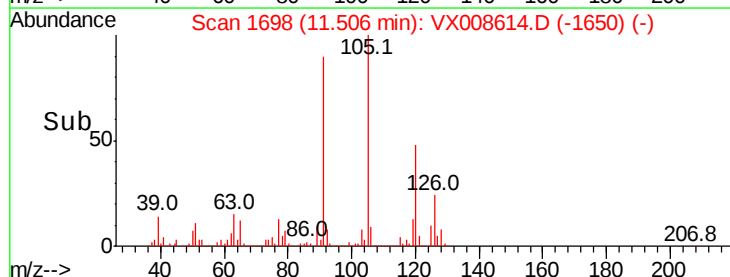
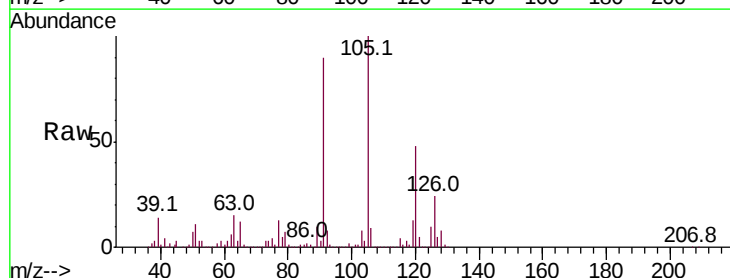
Manual Integrations
APPROVED

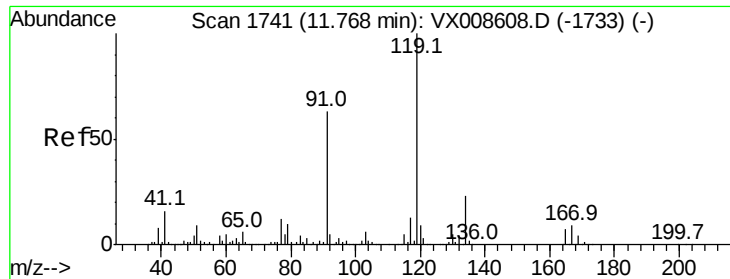
MMDadoda
4/4/2019 3:37:45 PM



#82
4-Chlorotoluene
Concen: 49.337 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion: 91 Resp: 588942
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6





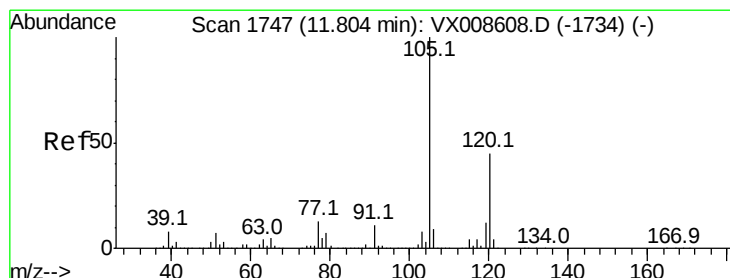
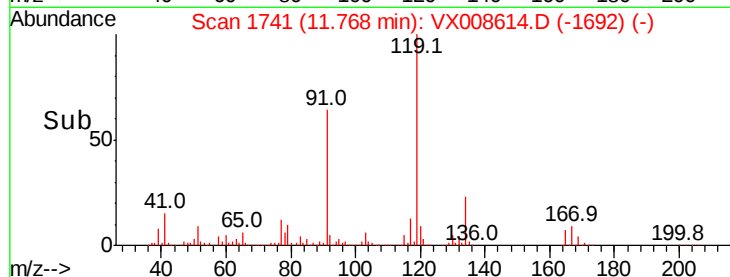
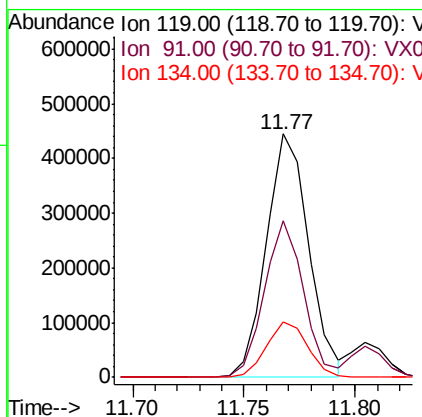
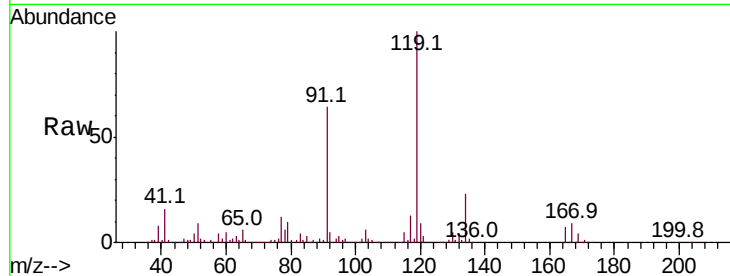
#83
tert-Butylbenzene
Concen: 49.622 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion	Ratio	Resp	Lower	Upper
119	100	586503		
91	59.8	30.0	90.1	
134	22.1	11.1	33.3	

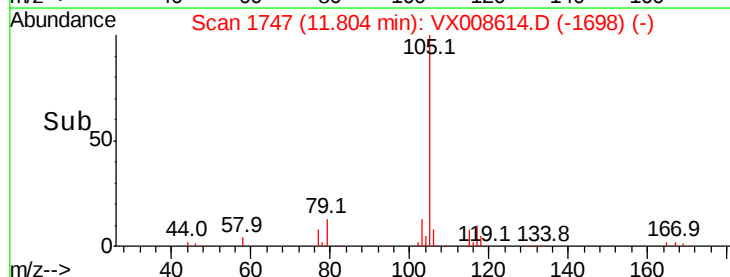
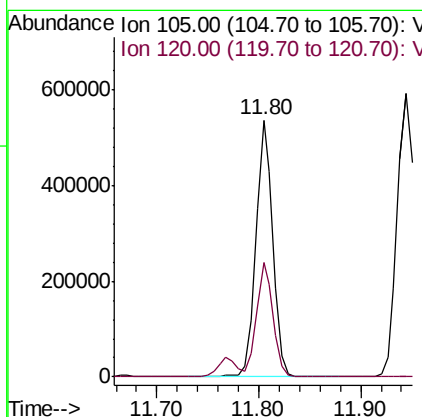
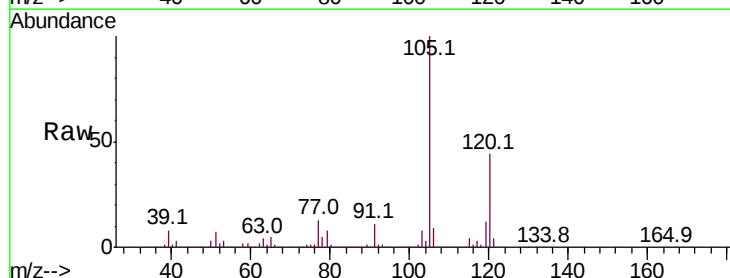
Manual Integrations
APPROVED

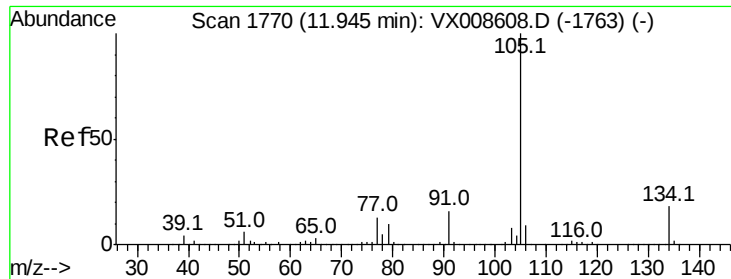
MMDadoda
4/4/2019 3:37:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.304 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	625769		
120	43.3	21.8	65.3	





#85

sec-Butylbenzene

Concen: 50.962 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

ICVVX040319

Tot Ion:105 Resp: 715464

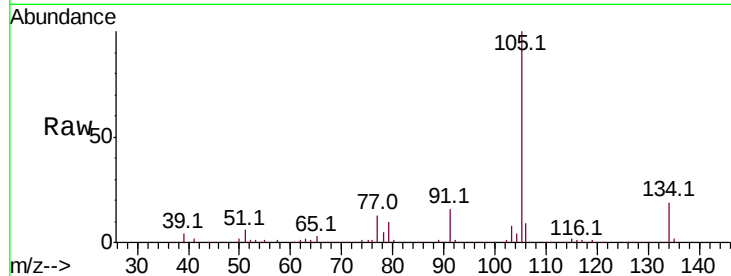
Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:45 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

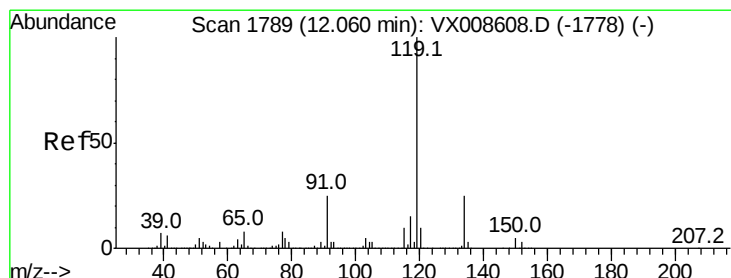
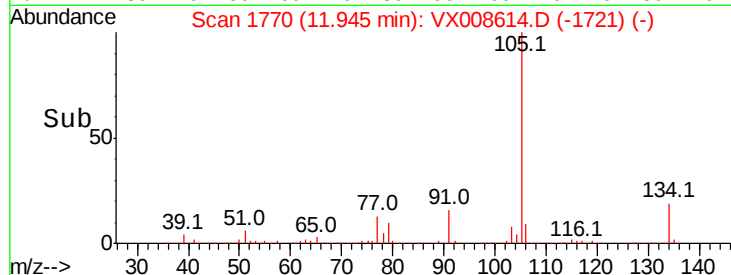
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.509 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008614.D

Acq: 03 Apr 2019 13:16

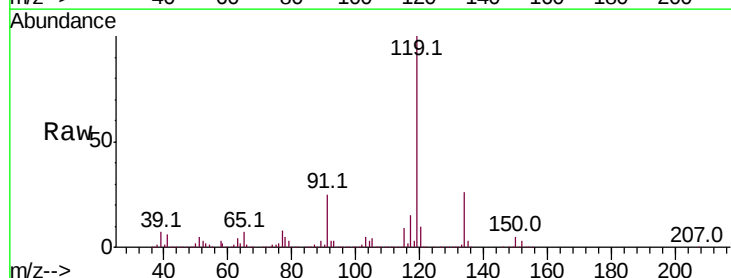
Tgt Ion:119 Resp: 649054

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.3 12.2 36.6



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): VX0

12.06

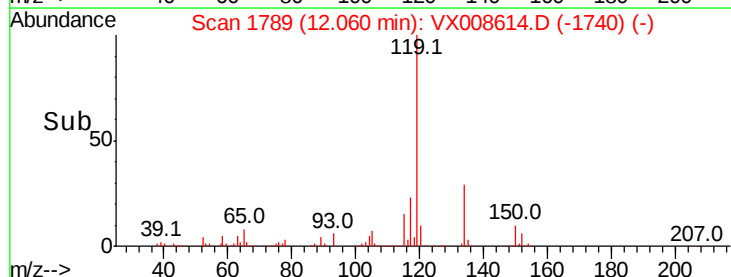
600000

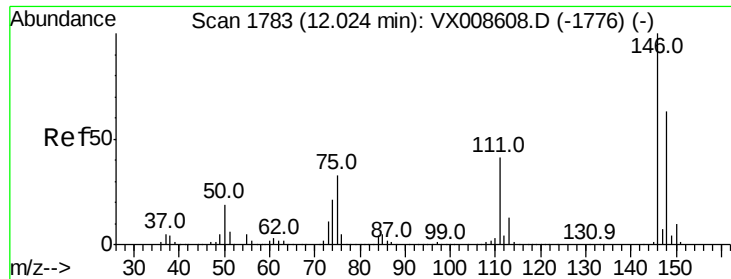
400000

200000

0

Time-->





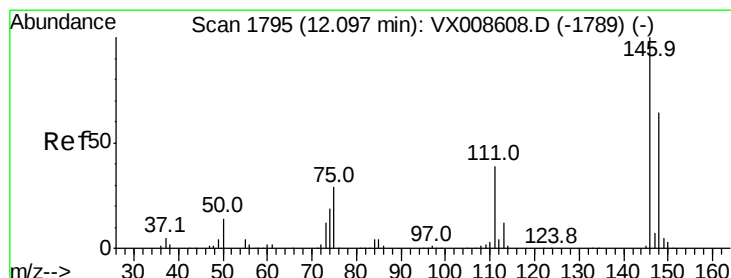
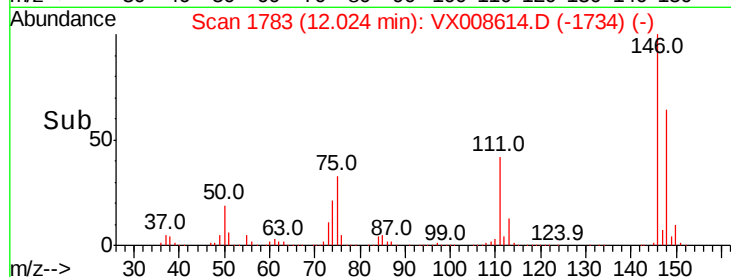
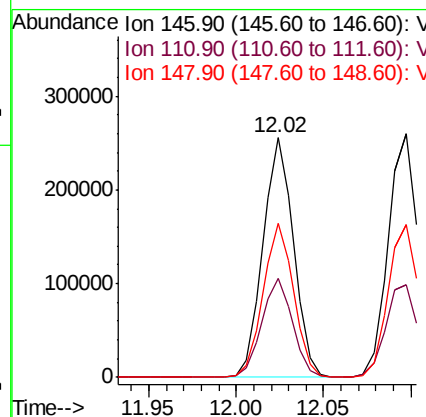
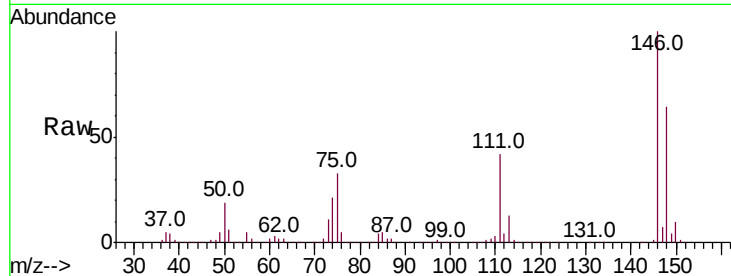
#87
 1,3-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.9	31.6	94.7

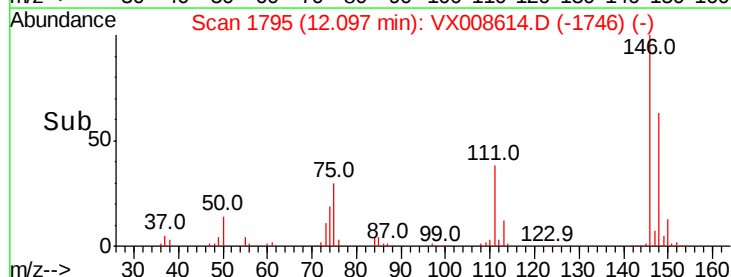
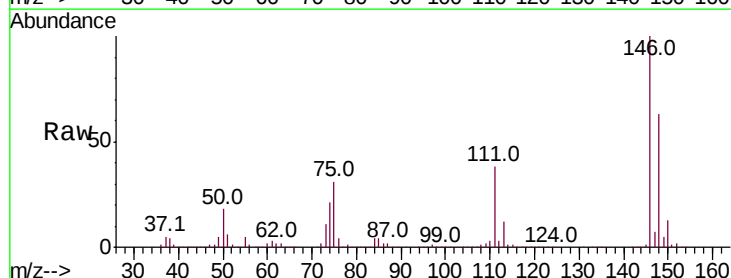
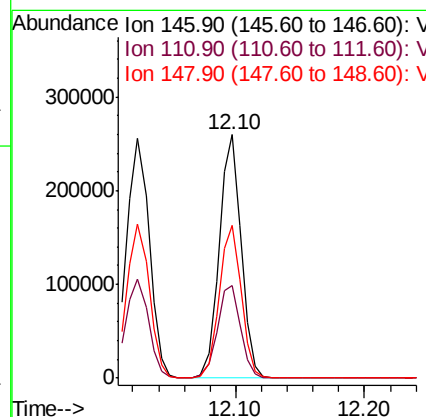
Manual Integrations
 APPROVED

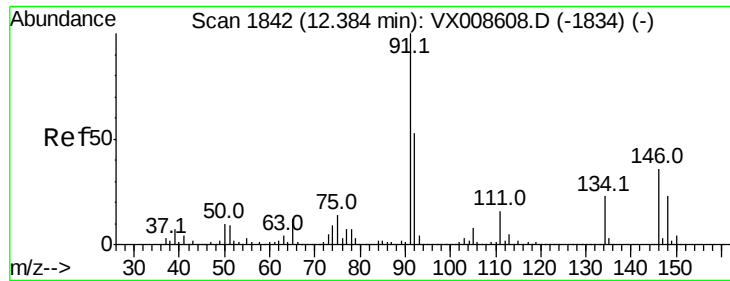
MMDadoda
 4/4/2019 3:37:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.775 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.5	32.0	96.0





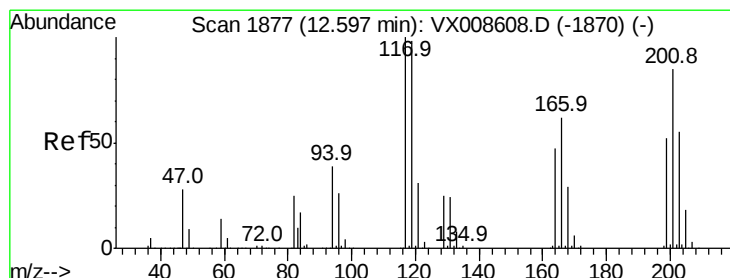
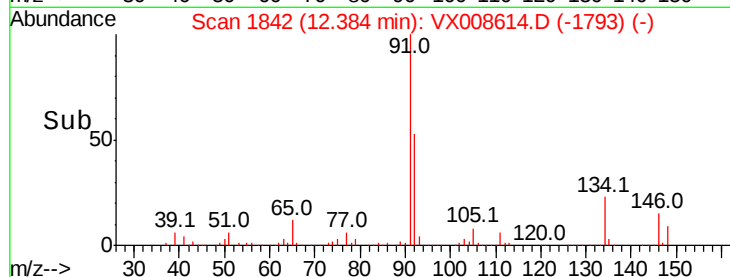
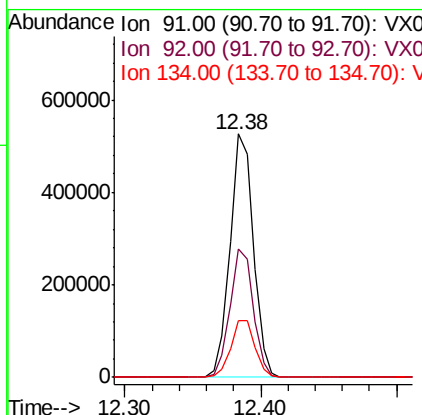
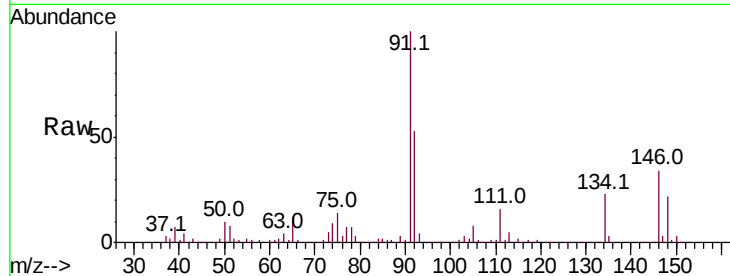
#89
n-Butylbenzene
Concen: 53.132 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampled :
ICVVX040319

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	24.2	12.0	36.0

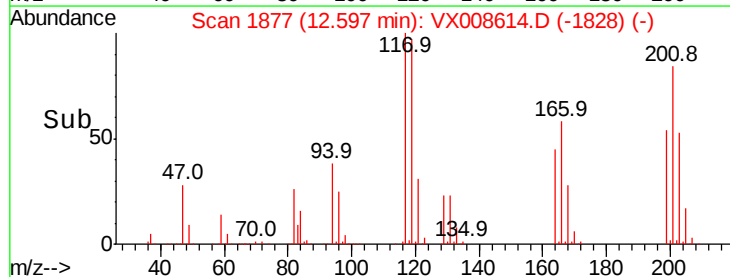
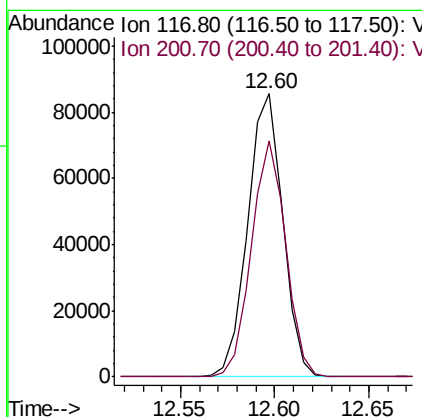
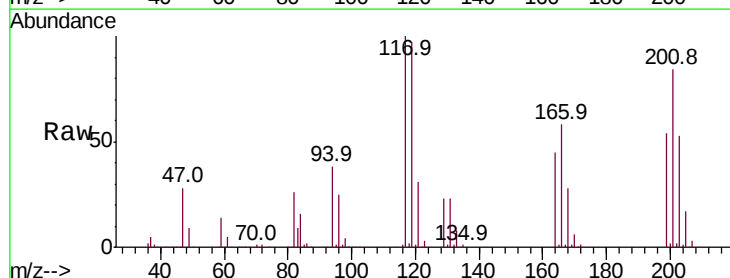
Manual Integrations
APPROVED

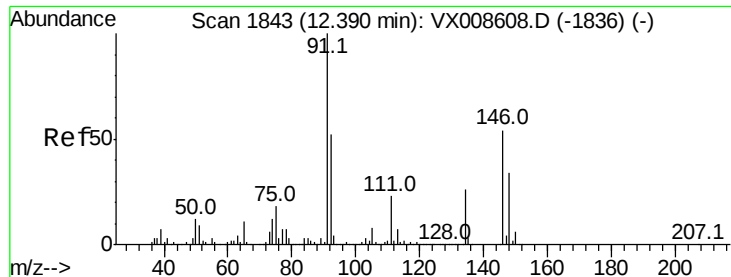
MMDadoda
4/4/2019 3:37:45 PM



#90
Hexachloroethane
Concen: 52.668 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.6	40.6	122.0





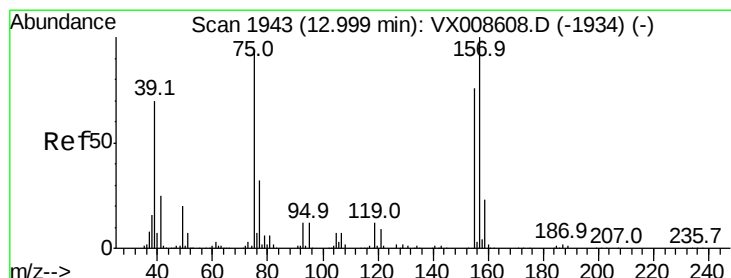
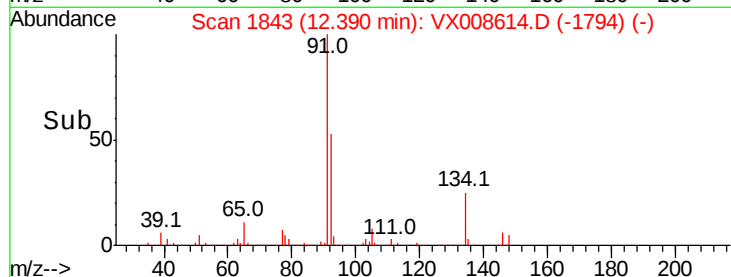
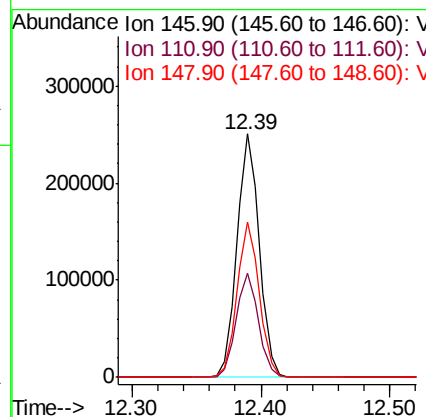
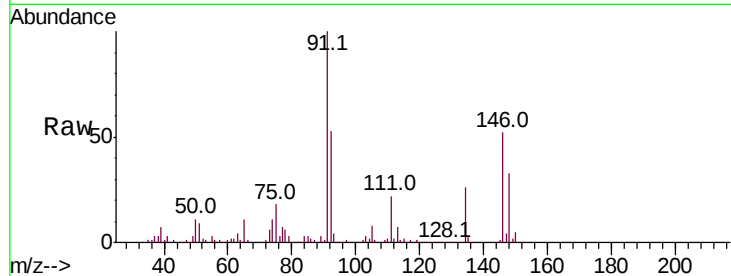
#91
 1,2-Dichlorobenzene
 Concen: 48.611 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	63.5	31.7	95.1

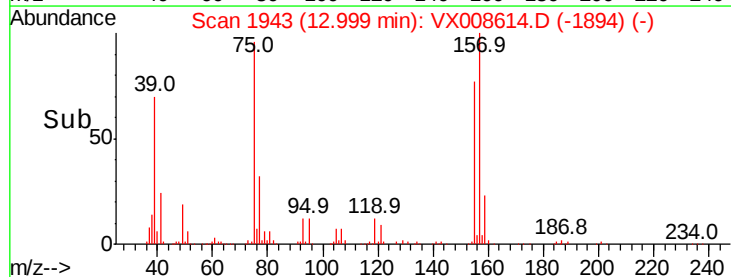
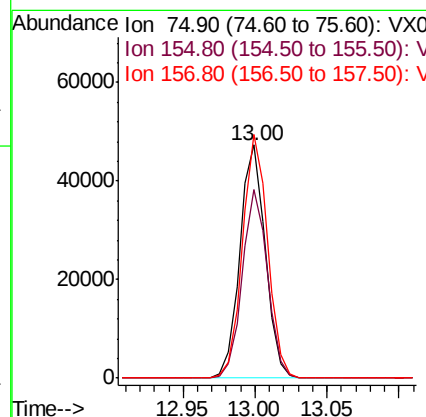
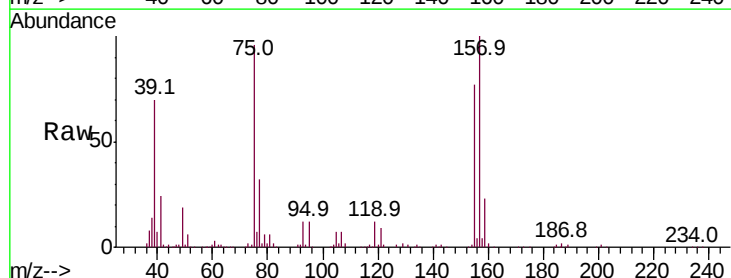
Manual Integrations
 APPROVED

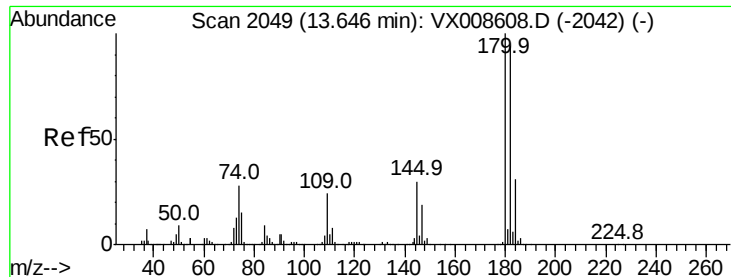
MMDadoda
 4/4/2019 3:37:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.747 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.9	119.6
157	102.4	51.5	154.7





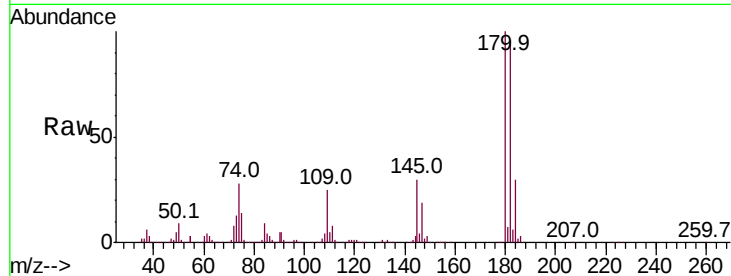
#93
 1,2,4-Trichlorobenzene
 Concen: 50.405 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

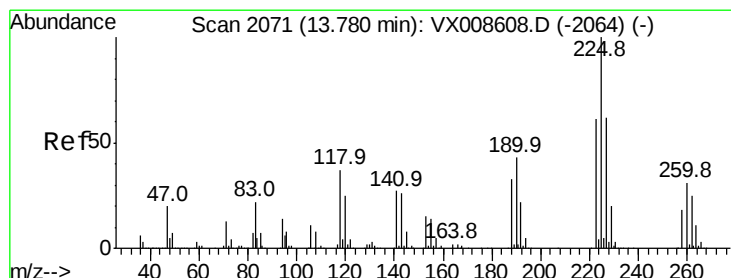
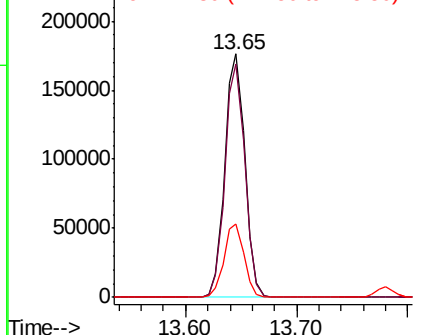
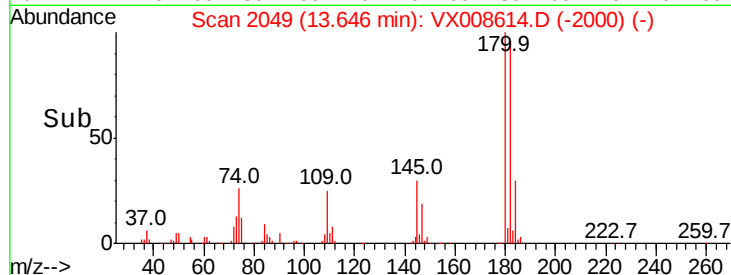
Tot Ion:	180	Resp:	219175
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.2	141.6
145	30.0	15.3	45.9

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:45 PM

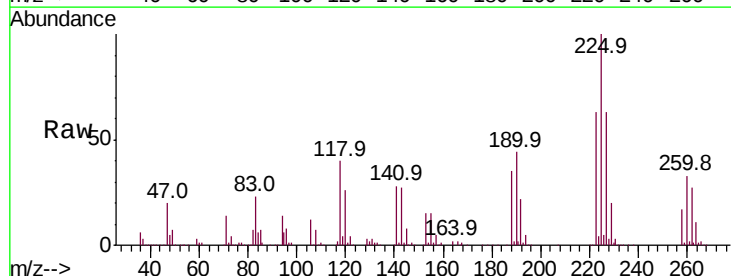


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

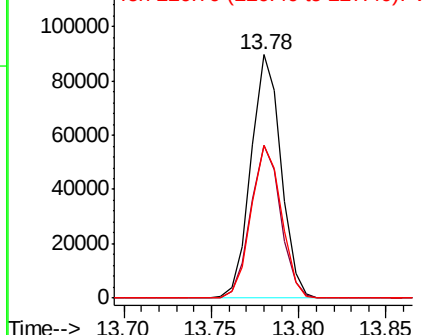
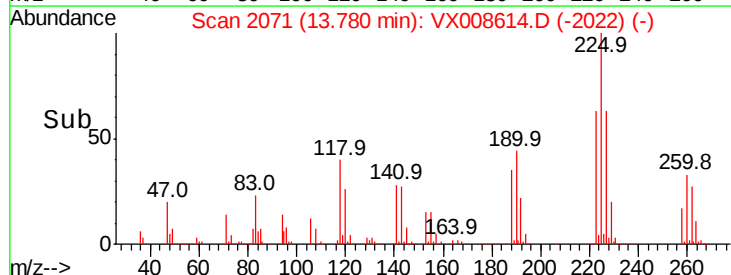


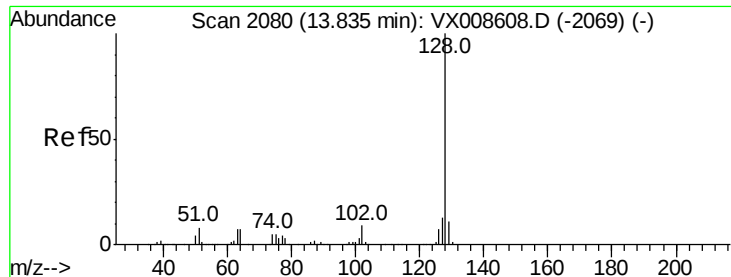
#94
 Hexachlorobutadiene
 Concen: 51.328 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008614.D
 Acq: 03 Apr 2019 13:16

Tgt Ion:	225	Resp:	107036
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.2	93.6
227	63.2	31.9	95.5



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





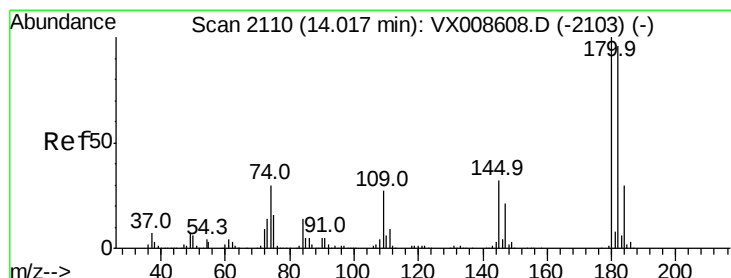
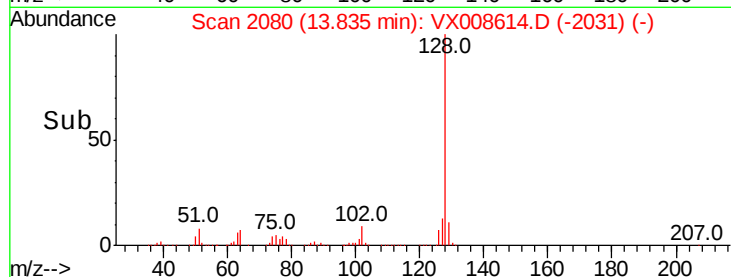
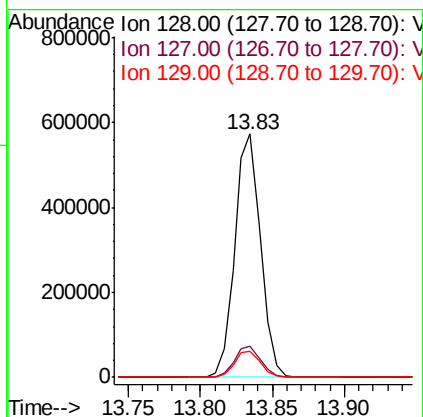
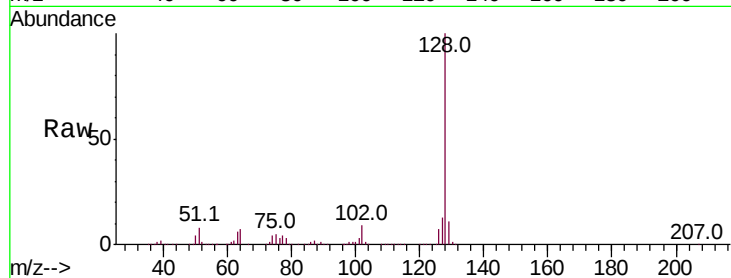
#95
Naphthalene
Concen: 49.194 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040319

Tot Ion:128	Resp:	714930
Ion Ratio	Lower	Upper
128 100		
127 13.1	10.4	15.6
129 10.8	8.6	13.0

Manual Integrations
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4/4/2019 3:37:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.099 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008614.D
Acq: 03 Apr 2019 13:16

Tgt Ion:180	Resp:	213310
Ion Ratio	Lower	Upper
180 100		
182 96.1	48.1	144.3
145 31.8	16.3	48.8

