

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008562.D
 Acq On : 01 Apr 2019 12:29
 Operator : JC/SP
 Sample : VX0401WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 9:19:35 AM

Quant Time: Apr 02 01:29:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143116	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	106044	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	8.71	98	425928	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	159098	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34811	15.577	ug/l	100
3) Chloromethane	1.32	50	48493	16.767	ug/l	97
4) Vinyl Chloride	1.40	62	48527	15.552	ug/l	98
5) Bromomethane	1.64	94	22121	14.827	ug/l	98
6) Chloroethane	1.72	64	30022	16.242	ug/l	98
7) Trichlorofluoromethane	1.93	101	57882	16.379	ug/l	98
8) Diethyl Ether	2.18	74	27151	16.235	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36050	16.880	ug/l	99
10) Methyl Iodide	2.51	142	25275	15.288	ug/l	99
11) Tert butyl alcohol	3.04	59	57508	90.308	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35407	16.053	ug/l	97
13) Acrolein	2.29	56	29086	62.897	ug/l	100
14) Allyl chloride	2.73	41	83245	17.131	ug/l	99
15) Acrylonitrile	3.14	53	143626	86.014	ug/l	100
16) Acetone	2.44	43	128764	85.717	ug/l	99
17) Carbon Disulfide	2.57	76	101583	15.790	ug/l	99
18) Methyl Acetate	2.77	43	63961	17.728	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	138846	17.469	ug/l	98
20) Methylene Chloride	2.85	84	44867	17.889	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	39260	17.688	ug/l	99
22) Diisopropyl ether	3.85	45	168627	17.624	ug/l	92
23) Vinyl Acetate	3.81	43	733196	87.833	ug/l	100
24) 1,1-Dichloroethane	3.69	63	83040	17.191	ug/l	100
25) 2-Butanone	4.67	43	208286	86.486	ug/l	98
26) 2,2-Dichloropropane	4.58	77	59647	18.565	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46120	17.100	ug/l	99
28) Bromochloromethane	5.01	49	43520	18.236	ug/l	98
29) Tetrahydrofuran	5.12	42	137499	86.627	ug/l	99
30) Chloroform	5.21	83	75109	17.229	ug/l	100
31) Cyclohexane	5.57	56	78112	16.955	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61560	17.667	ug/l	100
36) 1,1-Dichloropropene	5.79	75	58130	17.291	ug/l	98
37) Ethyl Acetate	4.82	43	78530	18.031	ug/l	100
38) Carbon Tetrachloride	5.78	117	50201	17.893	ug/l	98

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Manual Integrations
 APPROVED

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 4/2/2019 9:19:35 AM

Quant Time: Apr 02 01:29:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72362	18.011	ug/l	98
40) Benzene	6.13	78	177385	17.625	ug/l	100
41) Methacrylonitrile	5.04	41	44105	18.020	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63200	17.151	ug/l	100
43) Isopropyl Acetate	6.44	43	123267	17.695	ug/l	100
44) Trichloroethene	7.21	130	41360	17.502	ug/l	96
45) 1,2-Dichloropropane	7.51	63	50623	17.696	ug/l	96
46) Dibromomethane	7.66	93	29348	17.568	ug/l	97
47) Bromodichloromethane	7.90	83	57644	18.028	ug/l	98
48) Methyl methacrylate	7.77	41	62067	17.807	ug/l	99
49) 1,4-Dioxane	7.74	88	25086	361.964	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	407808	90.132	ug/l	100
52) Toluene	8.78	92	106250	17.656	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	63430	18.111	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	72339	18.164	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43297	17.675	ug/l	98
56) Ethyl methacrylate	9.18	69	78783	17.817	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77909	17.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	202331	88.519	ug/l	100
59) 2-Hexanone	9.49	43	318761	90.922	ug/l	99
60) Dibromochloromethane	9.58	129	41482	17.806	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44521	17.809	ug/l	100
64) Tetrachloroethene	9.34	164	35495	18.623	ug/l	98
65) Chlorobenzene	10.13	112	108145	17.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	38518	18.235	ug/l	98
67) Ethyl Benzene	10.25	91	208244	18.022	ug/l	97
68) m/p-Xylenes	10.35	106	151217	35.973	ug/l	99
69) o-Xylene	10.69	106	73178	17.939	ug/l	100
70) Styrene	10.71	104	127435	18.085	ug/l	100
71) Bromoform	10.85	173	29523	17.698	ug/l #	100
73) Isopropylbenzene	11.02	105	196606	18.028	ug/l	100
74) N-amyl acetate	10.90	43	111952	17.736	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	72336	17.096	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	62632m	15.716	ug/l	
77) Bromobenzene	11.26	156	46434	17.544	ug/l	99
78) n-propylbenzene	11.36	91	230713	18.060	ug/l	100
79) 2-Chlorotoluene	11.42	91	137722	17.724	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165455	17.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21883	17.588	ug/l	93
82) 4-Chlorotoluene	11.51	91	158121	17.642	ug/l	100
83) tert-Butylbenzene	11.77	119	159507	17.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	166561	17.861	ug/l	98
85) sec-Butylbenzene	11.94	105	194267	18.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	172539	18.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83533	17.664	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83955	17.591	ug/l	99
89) n-Butylbenzene	12.38	91	161950	18.290	ug/l	99
90) Hexachloroethane	12.60	117	27941	17.943	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	84542	17.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16074	17.423	ug/l	99

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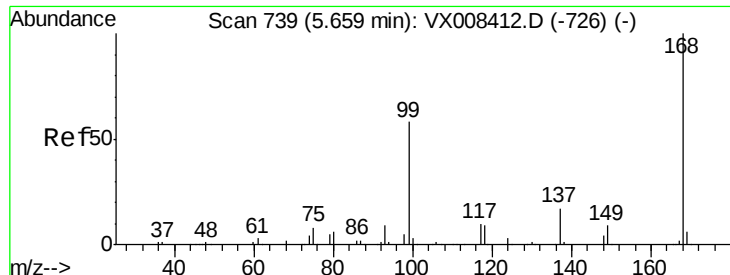
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59255	18.585	ug/l	100
94) Hexachlorobutadiene	13.78	225	29123	19.237	ug/l	99
95) Naphthalene	13.83	128	202997	18.571	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60566	18.904	ug/l	99

(#) = 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: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion:168 Resp: 189587

Ion Ratio Lower Upper

168 100

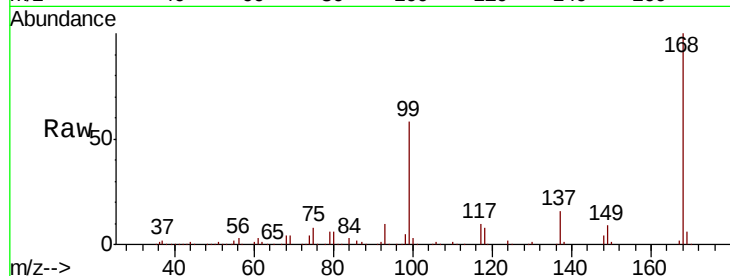
99 58.3 46.0 69.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

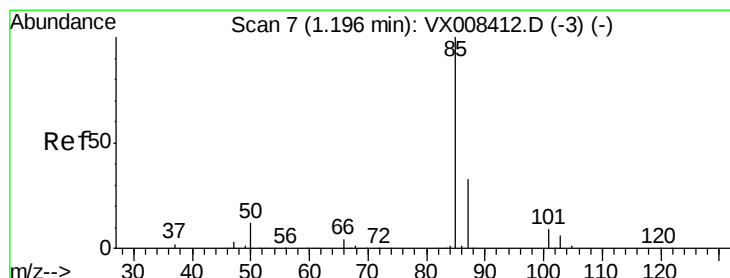
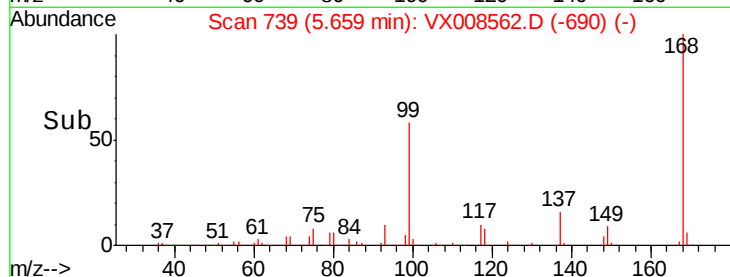
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.577 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008562.D

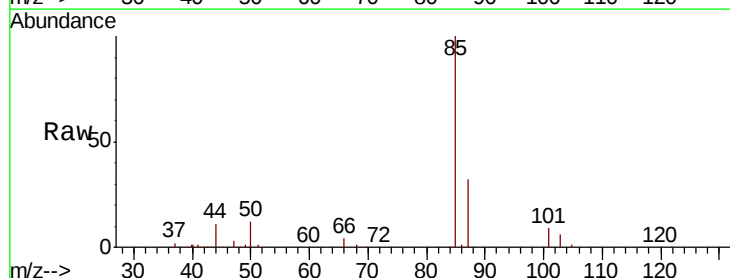
Acq: 01 Apr 2019 12:29

Tgt Ion: 85 Resp: 34811

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

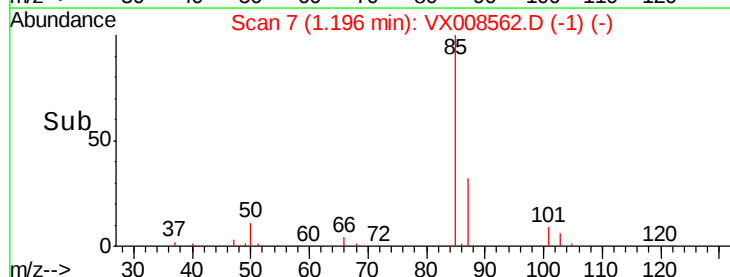
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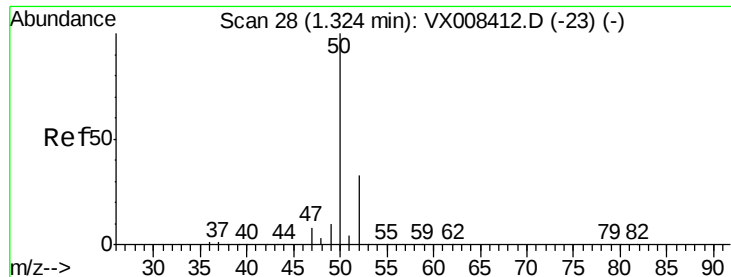
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.767 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 50 Resp: 48493

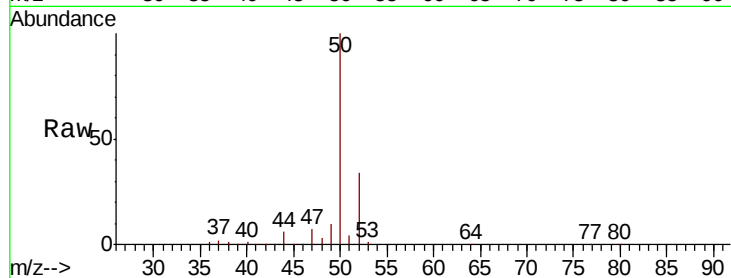
Ion Ratio Lower Upper

50 100

52 34.1 26.2 39.2

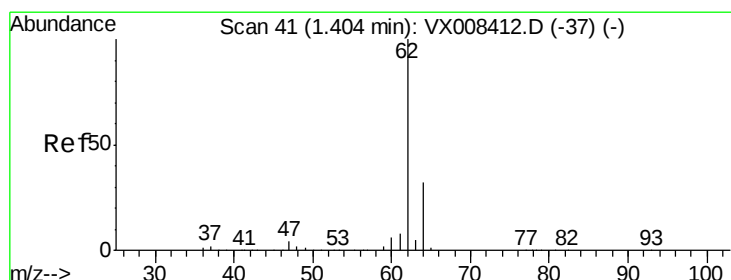
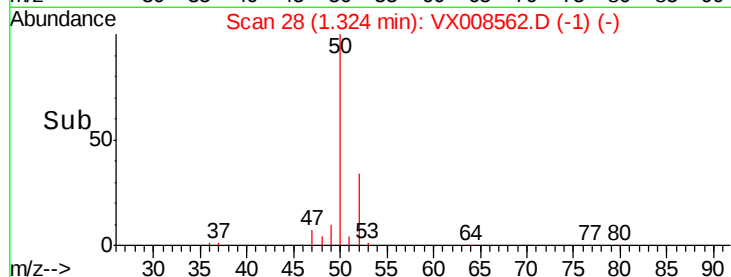
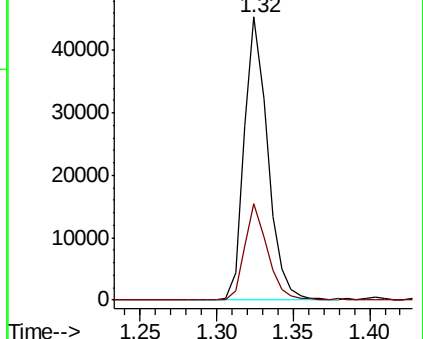
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.552 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008562.D

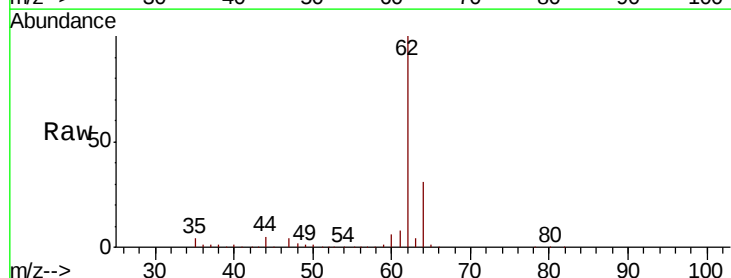
Acq: 01 Apr 2019 12:29

Tgt Ion: 62 Resp: 48527

Ion Ratio Lower Upper

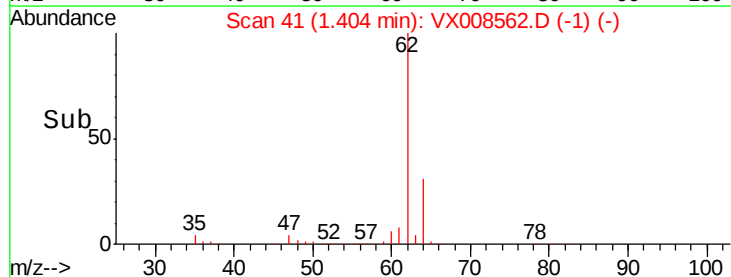
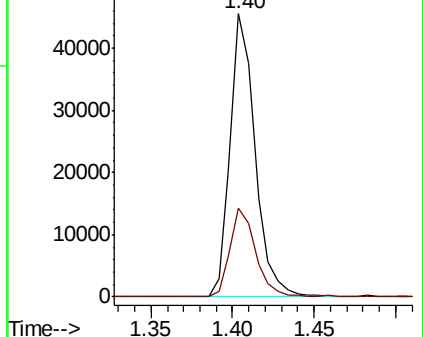
62 100

64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.827 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 94 Resp: 22121

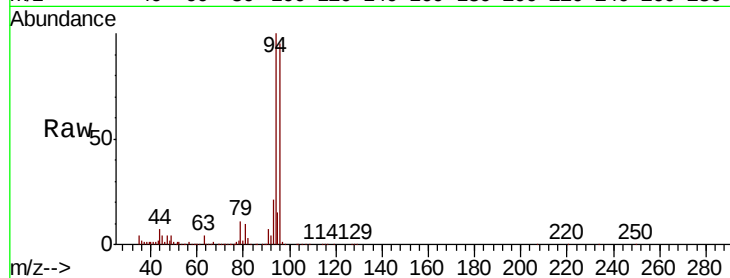
Ion Ratio Lower Upper

94 100

96 95.3 74.8 112.2

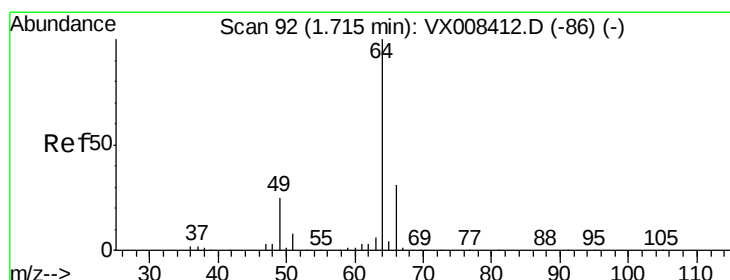
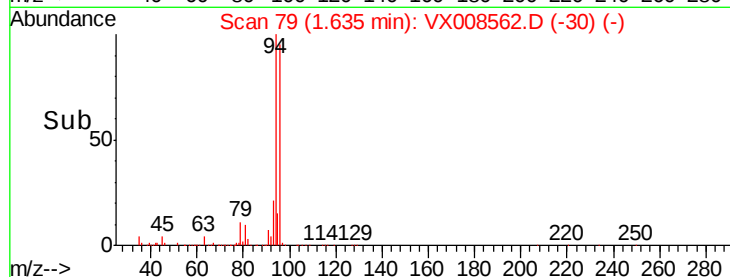
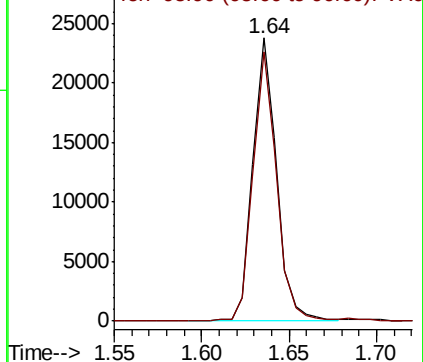
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.242 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008562.D

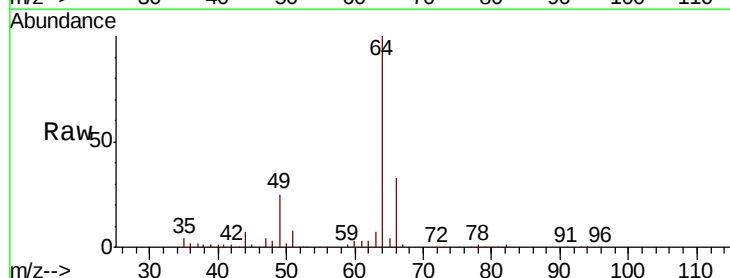
Acq: 01 Apr 2019 12:29

Tgt Ion: 64 Resp: 30022

Ion Ratio Lower Upper

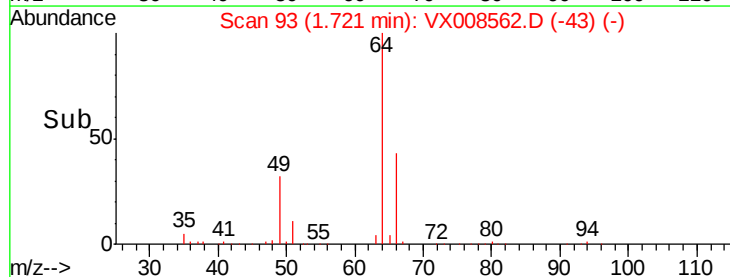
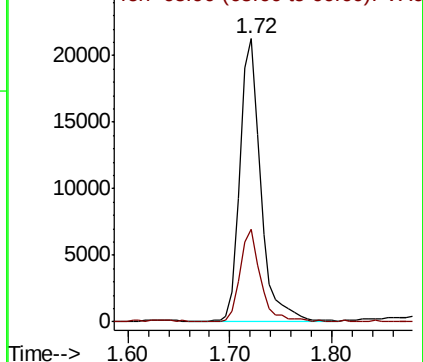
64 100

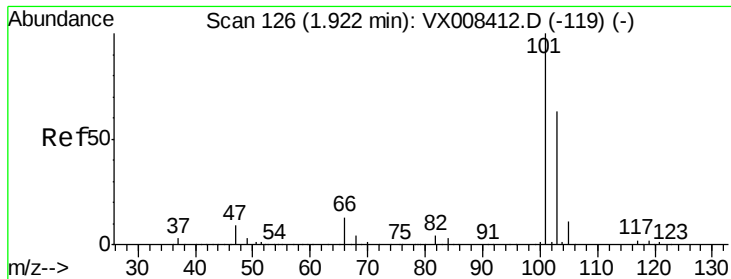
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

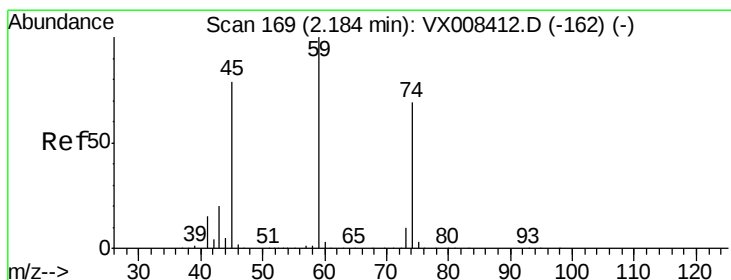
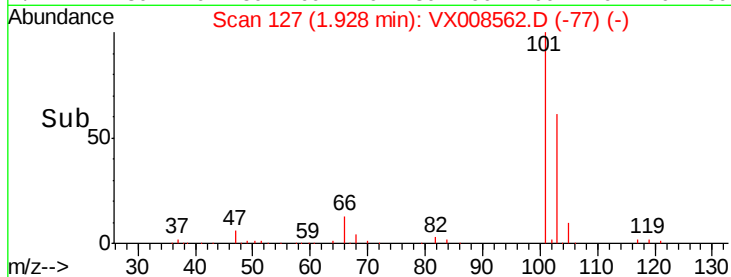
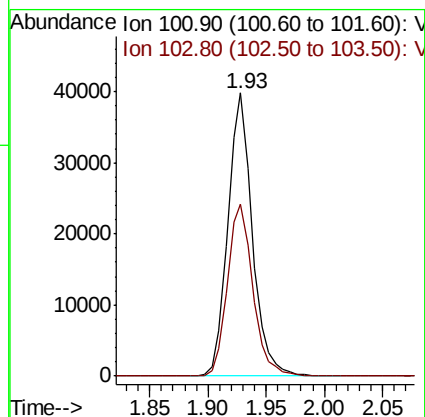
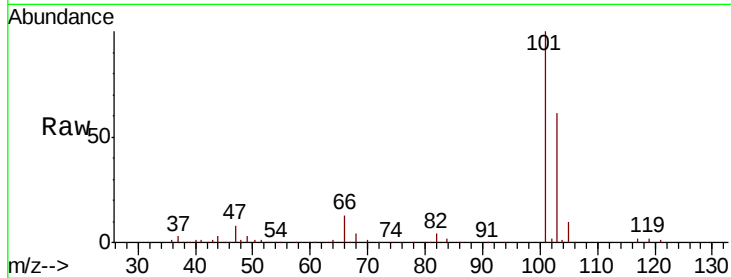
Trichlorofluoromethane
 Concen: 16.379 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion:101 Resp: 57882
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.2 75.4

Manual Integrations
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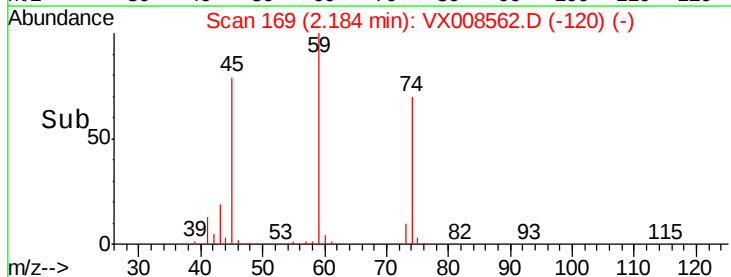
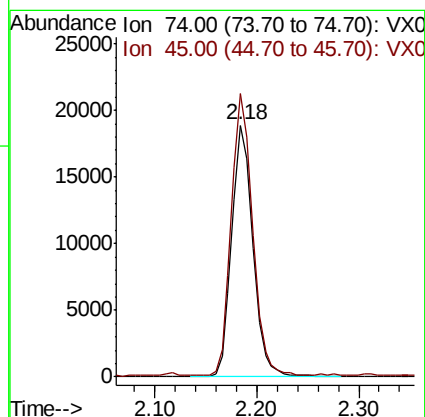
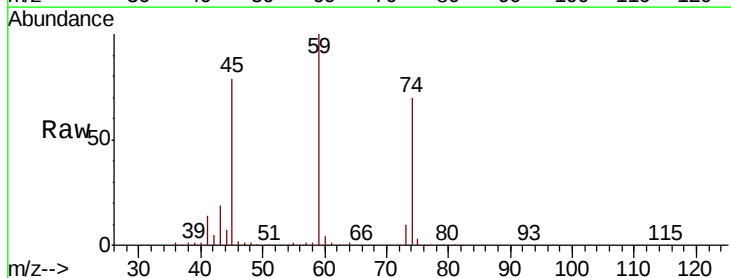
MMDadoda
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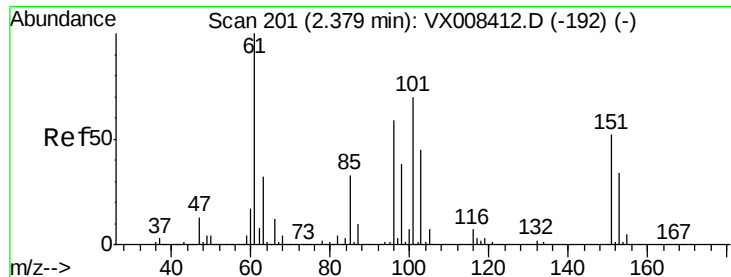


#8

Diethyl Ether
 Concen: 16.235 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion: 74 Resp: 27151
 Ion Ratio Lower Upper
 74 100
 45 112.0 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.880 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

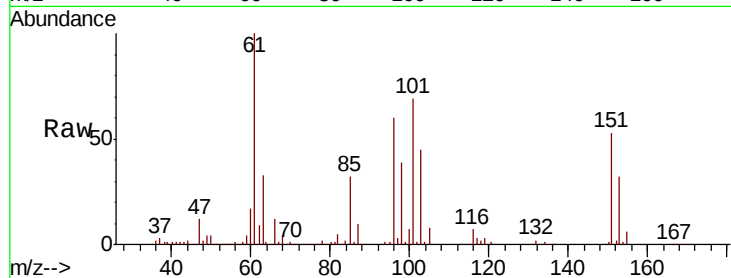
ClientSampled :

VX0401WBS01

Tot Ion:	101	Resp:	36050
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	73.4	59.2	88.8

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4/2/2019 9:19:35 AM

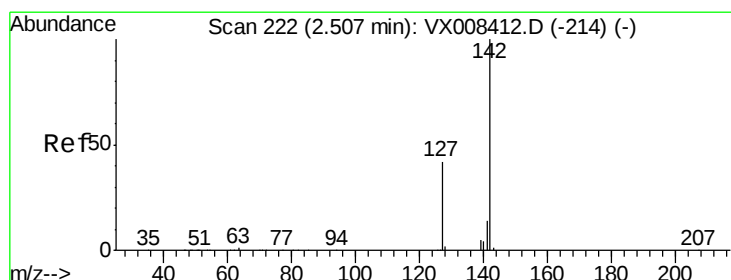
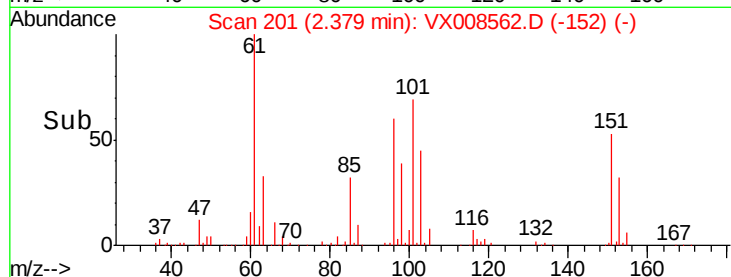
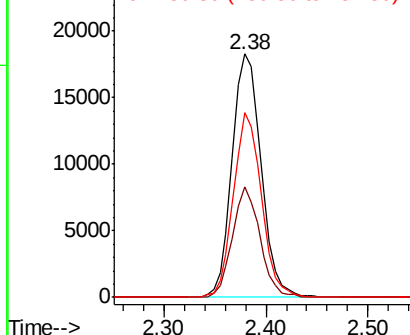


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.288 ug/l

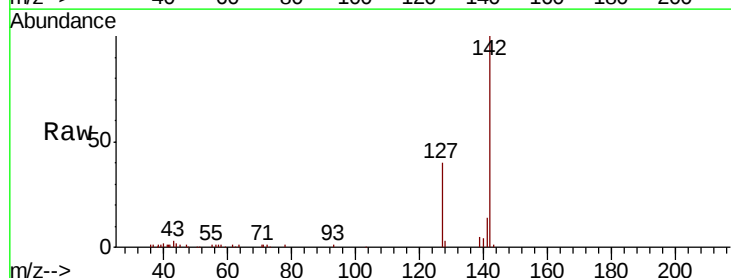
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion:	142	Resp:	25275
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.6	50.4
141	14.1	11.3	16.9

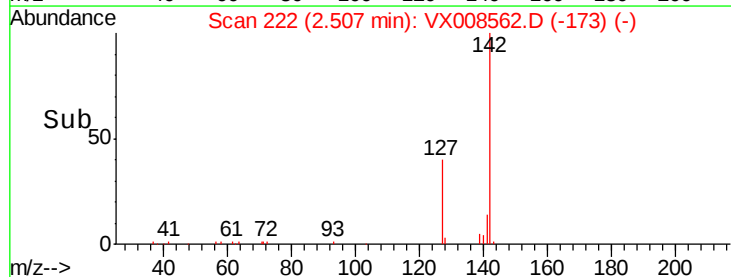
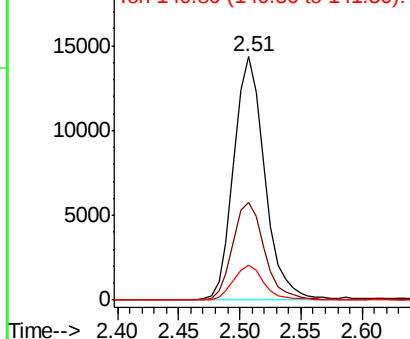


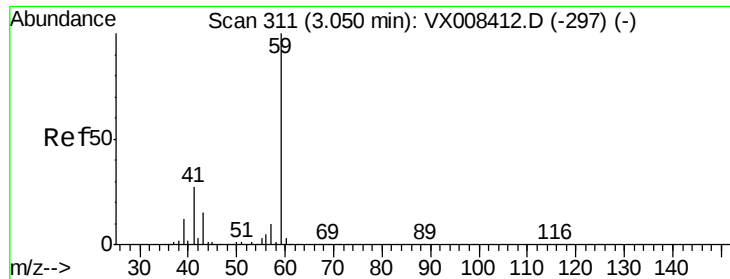
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





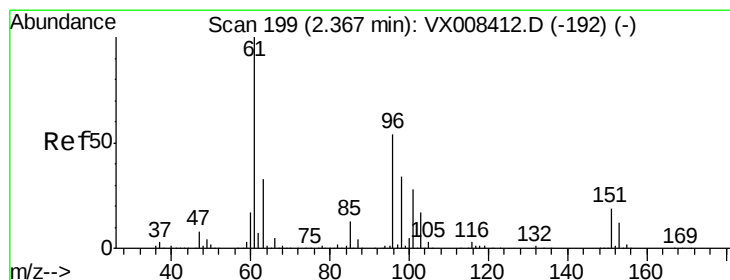
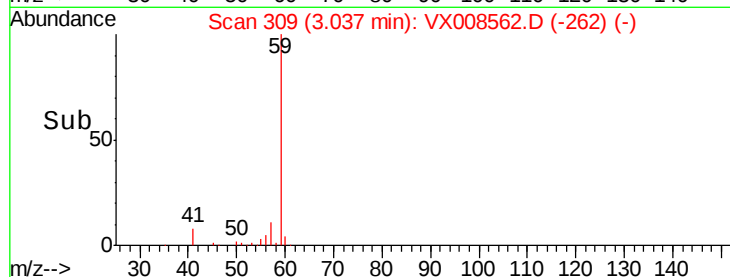
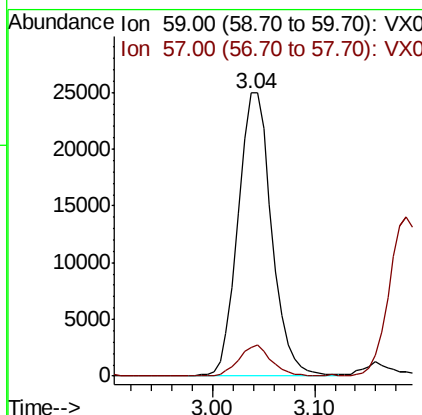
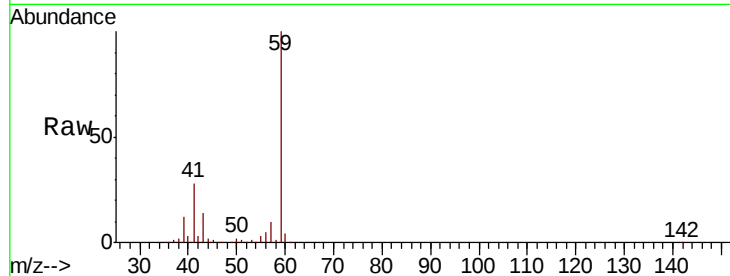
#11
Tert butyl alcohol
Concen: 90.308 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion: 59 Resp: 57508
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

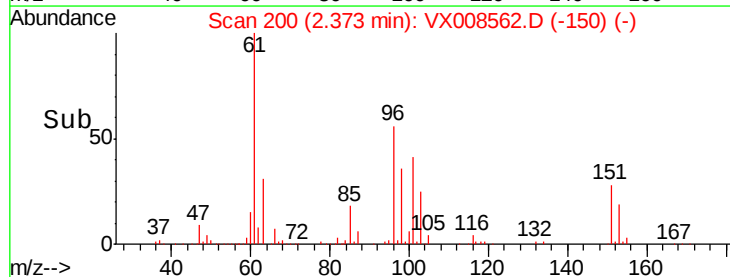
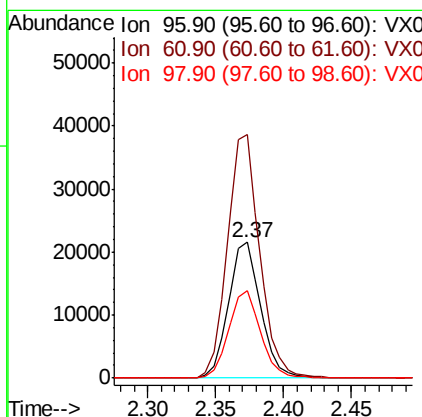
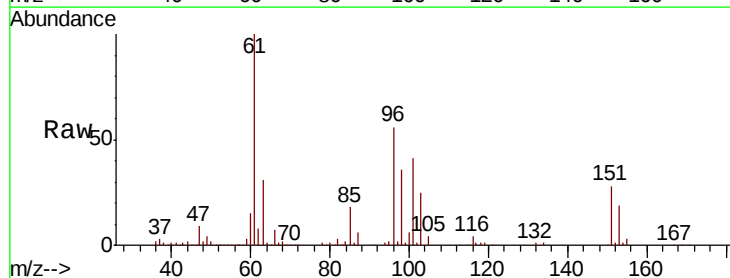
Manual Integrations
APPROVED

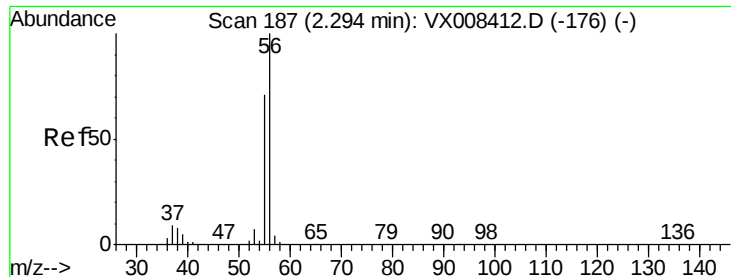
MMDadoda
4/2/2019 9:19:35 AM



#12
1,1-Dichloroethene
Concen: 16.053 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 96 Resp: 35407
Ion Ratio Lower Upper
96 100
61 179.4 146.9 220.3
98 64.6 50.1 75.1





#13

Acrolein

Concen: 62.897 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 56 Resp: 29086

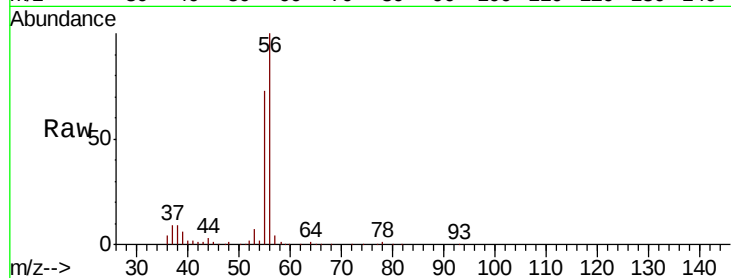
Ion Ratio Lower Upper

56 100

55 70.3 56.5 84.7

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

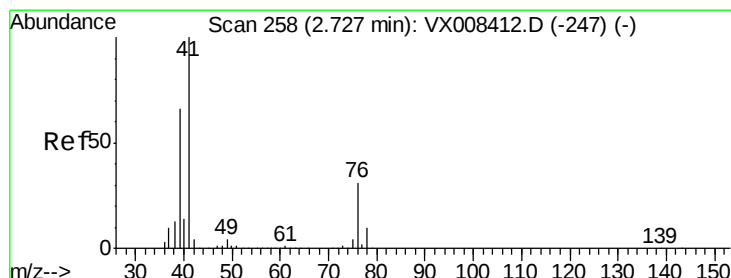
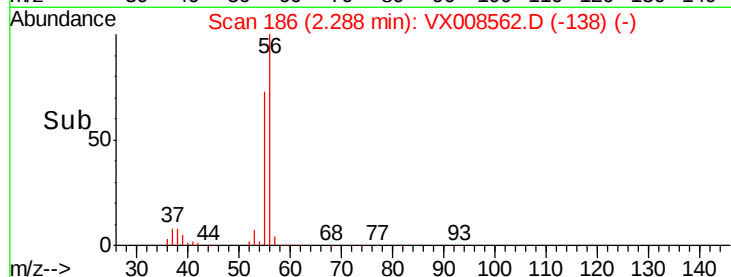
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.131 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

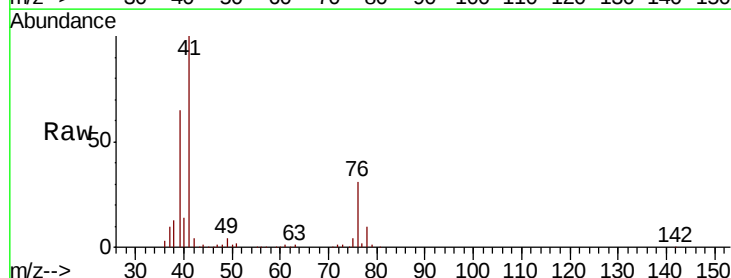
Tgt Ion: 41 Resp: 83245

Ion Ratio Lower Upper

41 100

39 61.3 49.6 74.4

76 27.2 22.6 34.0



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

60000

50000

40000

30000

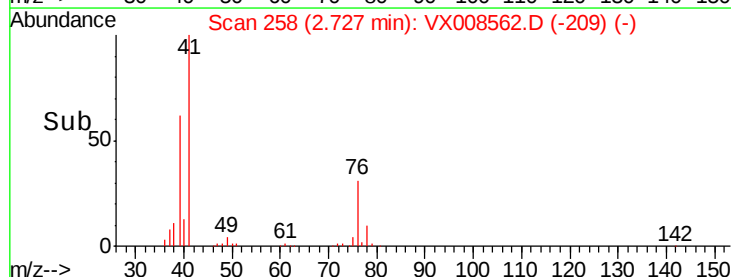
20000

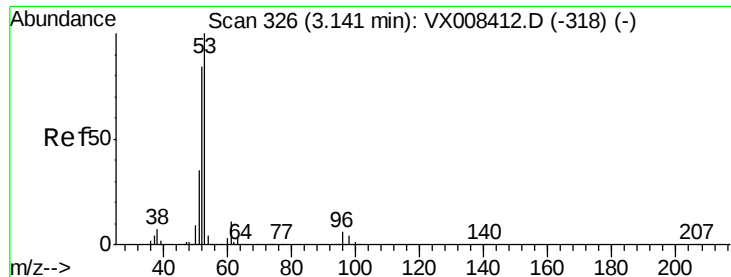
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 86.014 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

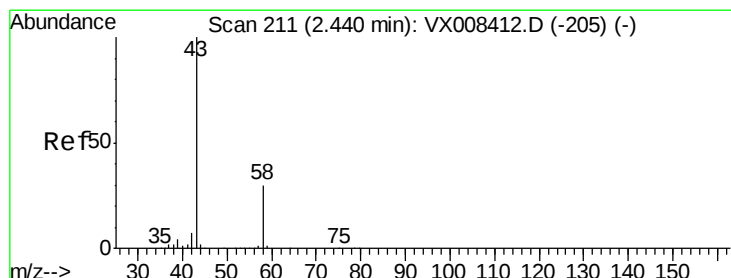
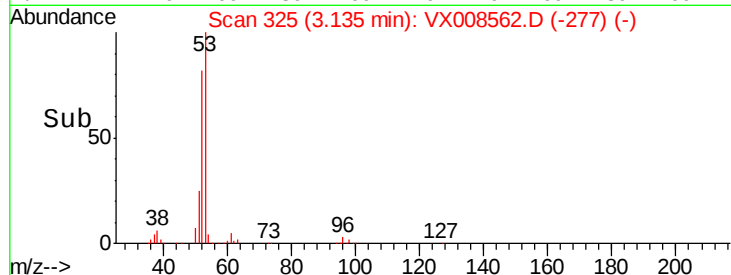
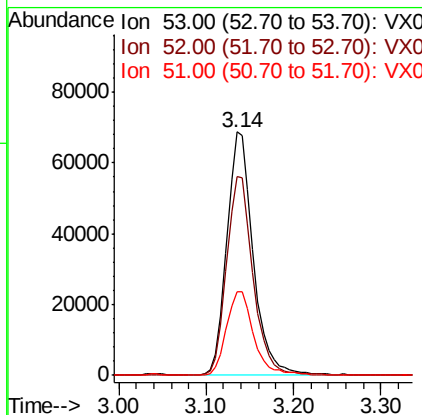
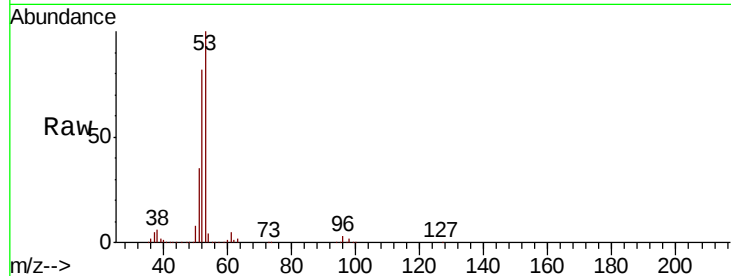
ClientSampleId :

VX0401WBS01

Tot Ion:	53	Resp:	143626
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	35.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 85.717 ug/l

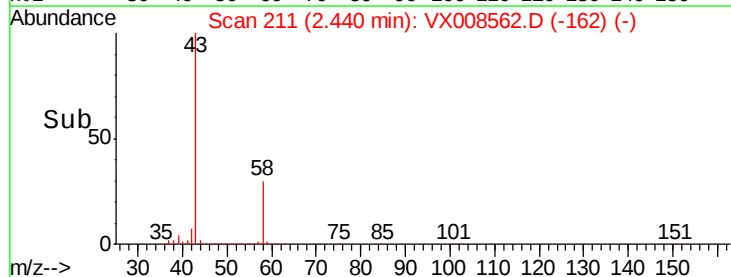
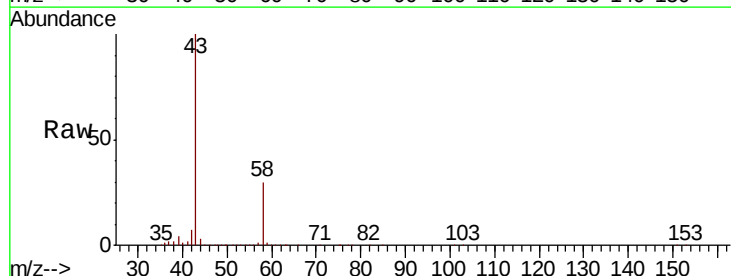
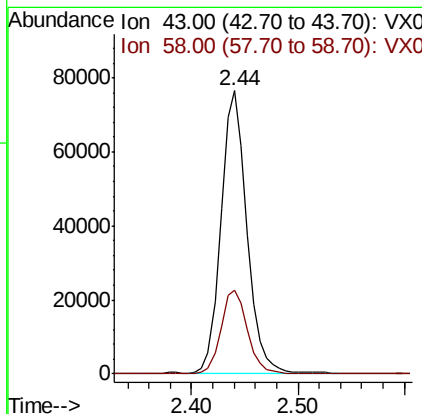
RT: 2.44 min Scan# 211

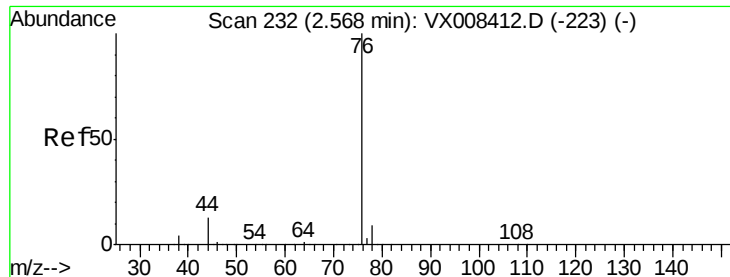
Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion:	43	Resp:	128764
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.2	36.2





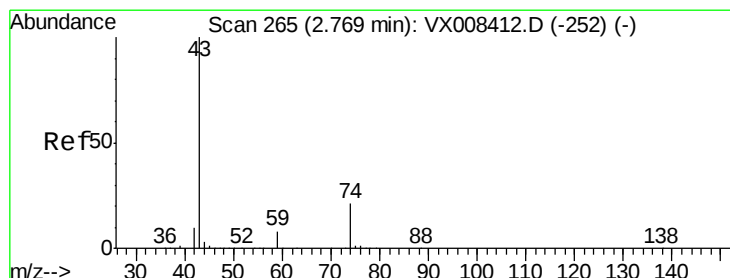
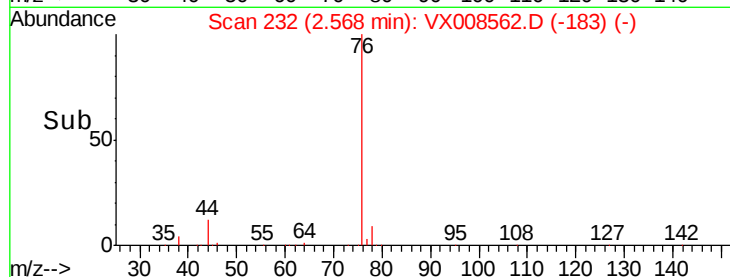
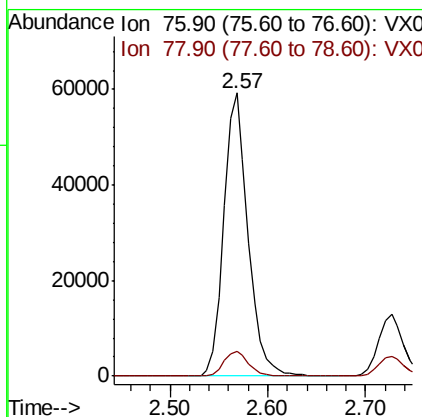
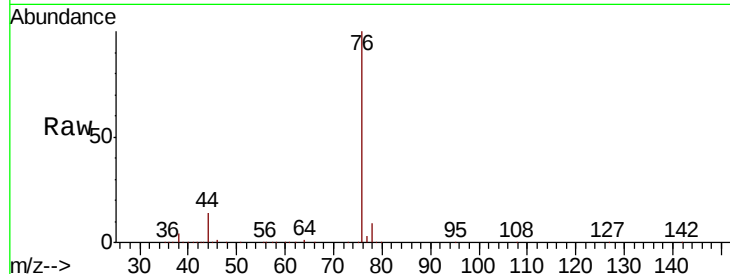
#17
Carbon Disulfide
Concen: 15.790 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

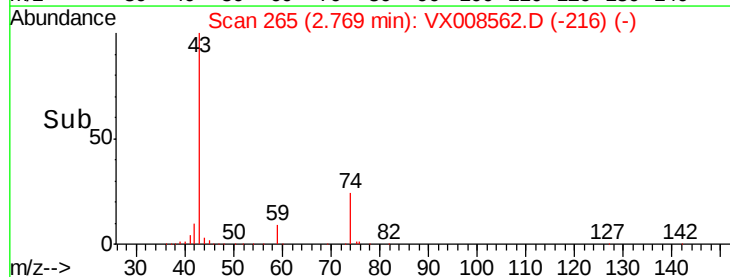
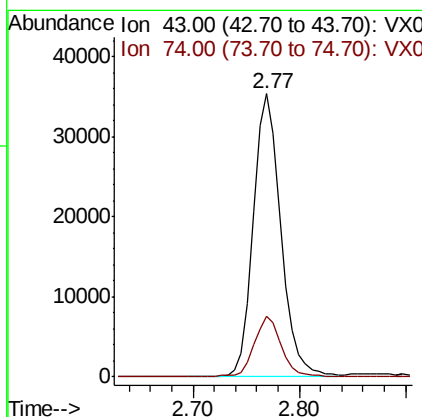
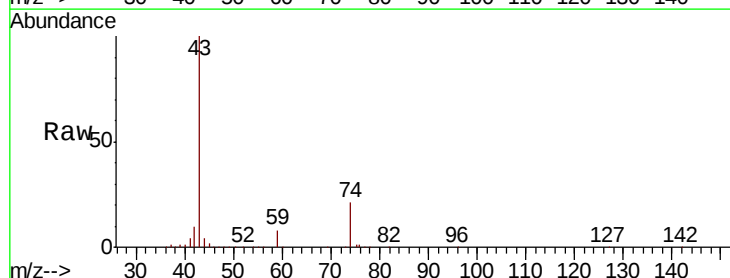
Manual Integrations
APPROVED

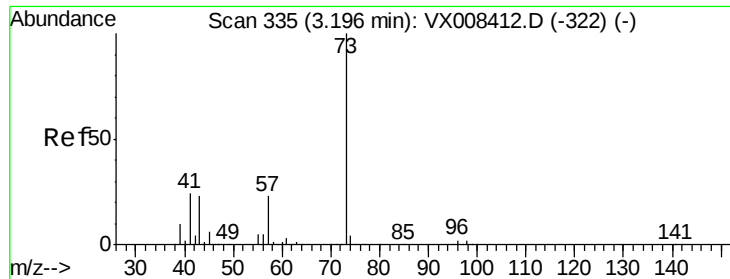
MMDadoda
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#18
Methyl Acetate
Concen: 17.728 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.7	25.1





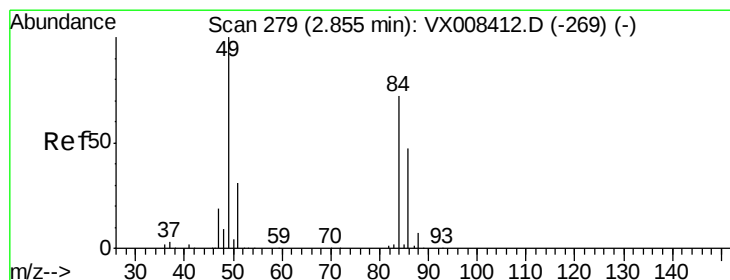
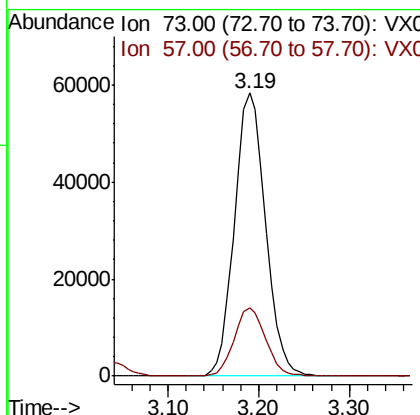
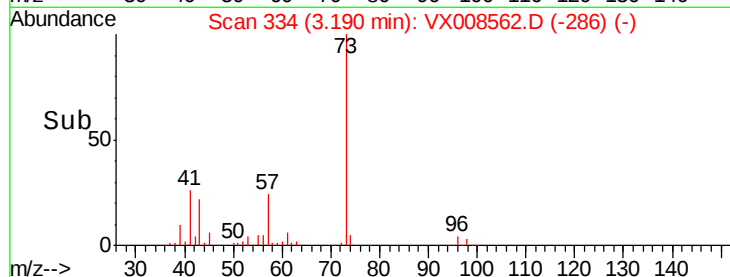
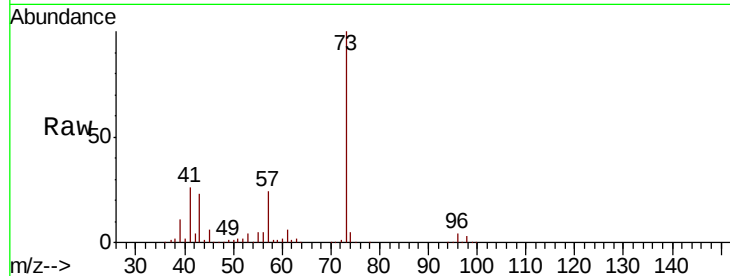
#19
Methvl tert-butvl Ether
Concen: 17.469 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion: 73 Resp: 138846
Ion Ratio Lower Upper
73 100
57 24.0 18.6 28.0

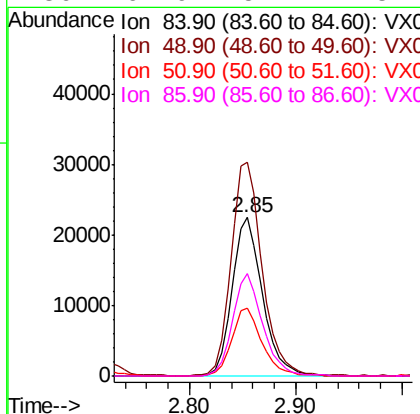
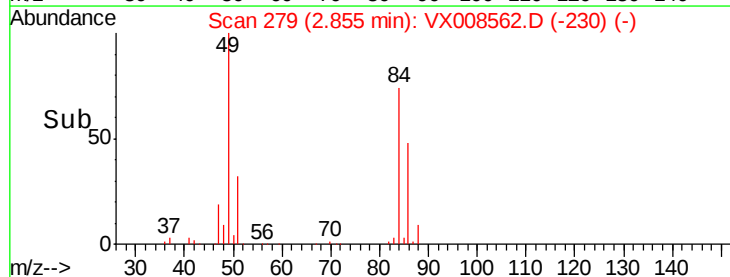
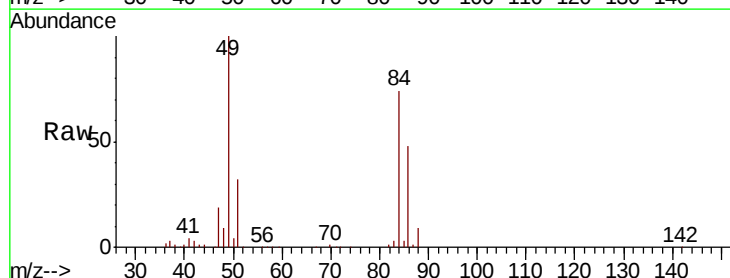
Manual Integrations
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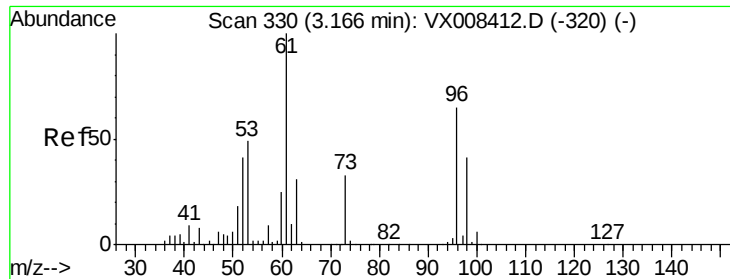
MMDadoda
4/2/2019 9:19:35 AM



#20
Methylene Chloride
Concen: 17.889 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 84 Resp: 44867
Ion Ratio Lower Upper
84 100
49 134.4 110.6 165.8
51 42.4 33.9 50.9
86 64.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.688 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 96 Resp: 39260

Ion Ratio Lower Upper

96 100

61 153.2 122.6 184.0

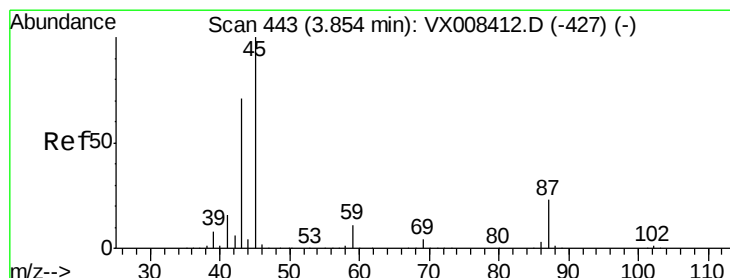
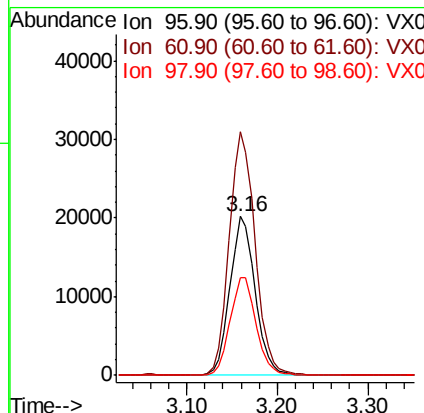
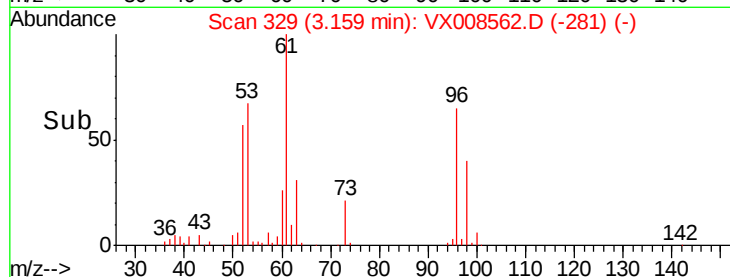
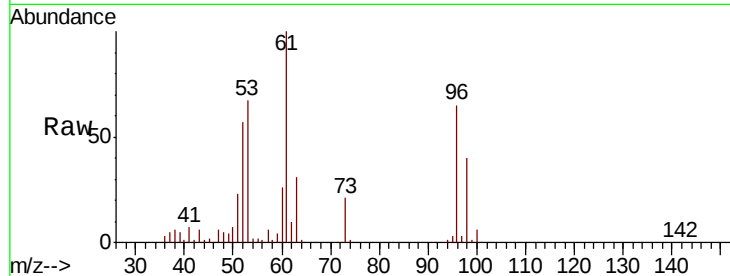
98 61.2 50.9 76.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.624 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion: 45 Resp: 168627

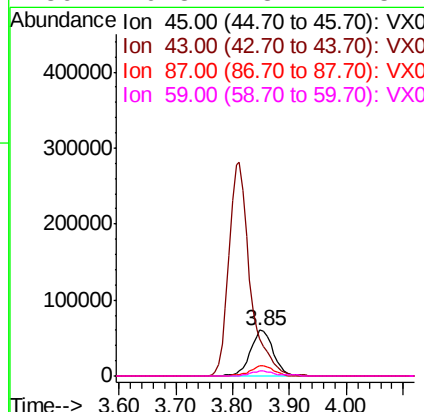
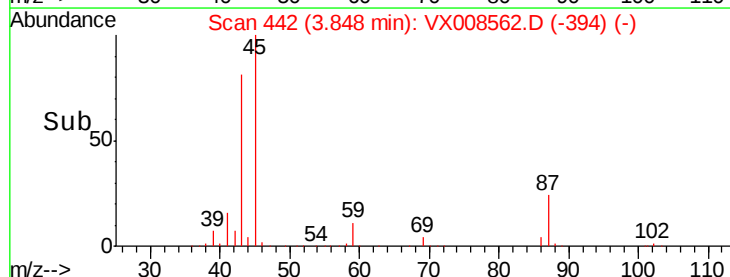
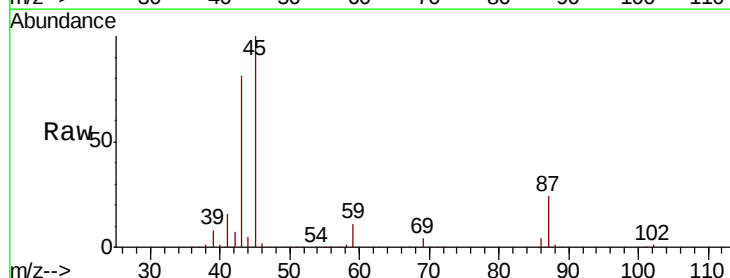
Ion Ratio Lower Upper

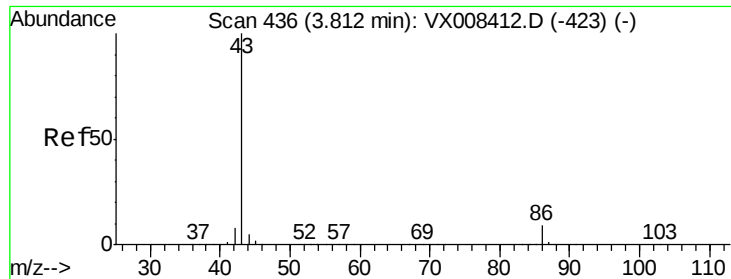
45 100

43 80.5 57.1 85.7

87 23.7 18.8 28.2

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 87.833 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 43 Resp: 733196

Ion Ratio Lower Upper

43 100

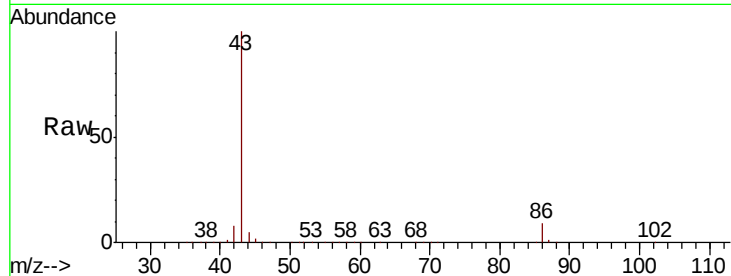
86 8.7 6.9 10.3

Manual Integrations

APPROVED

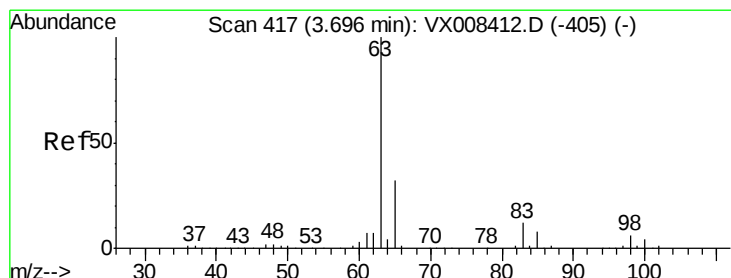
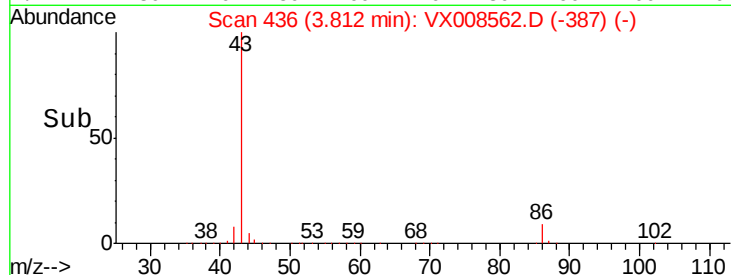
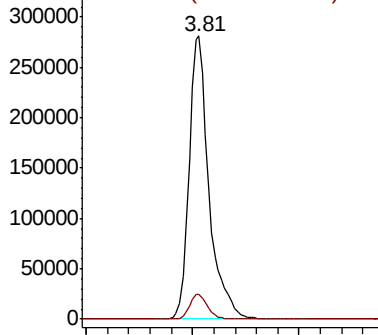
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.191 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

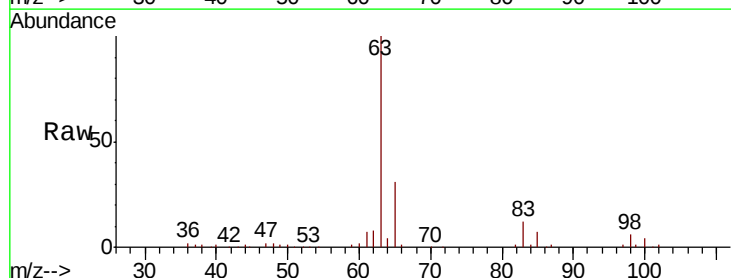
Tgt Ion: 63 Resp: 83040

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

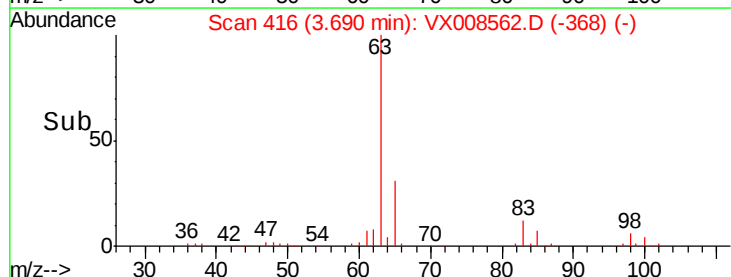
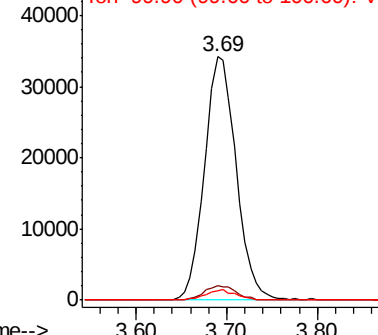
100 4.0 2.0 5.8

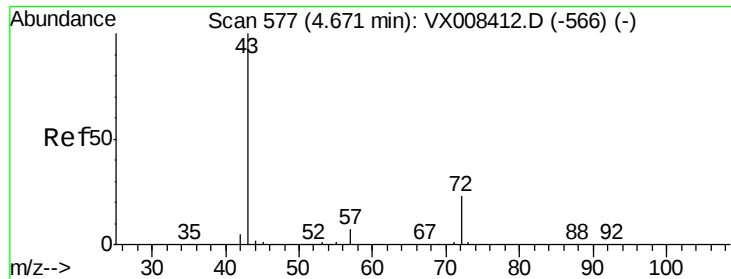


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.486 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 43 Resp: 208286

Ion Ratio Lower Upper

43 100

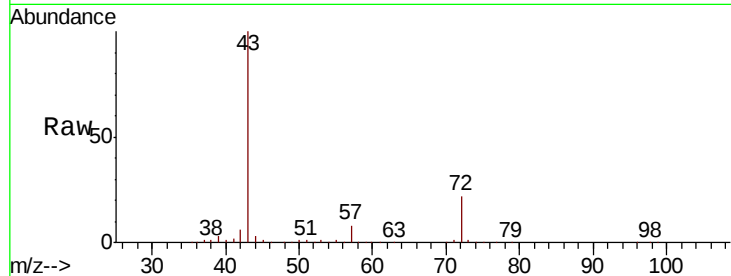
72 22.2 18.6 28.0

Manual Integrations

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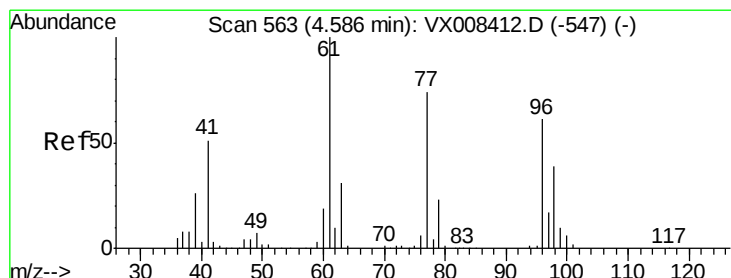
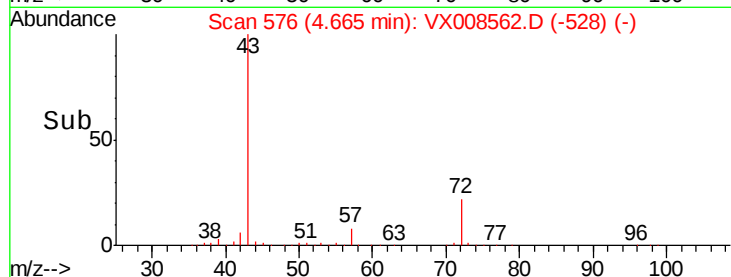
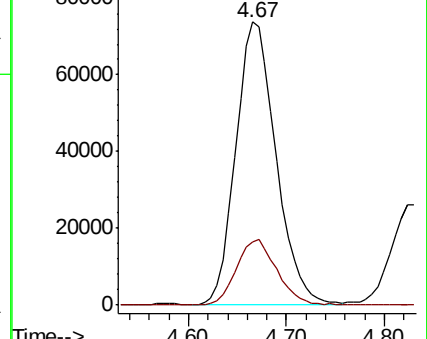
MMDadoda

4/2/2019 9:19:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.565 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008562.D

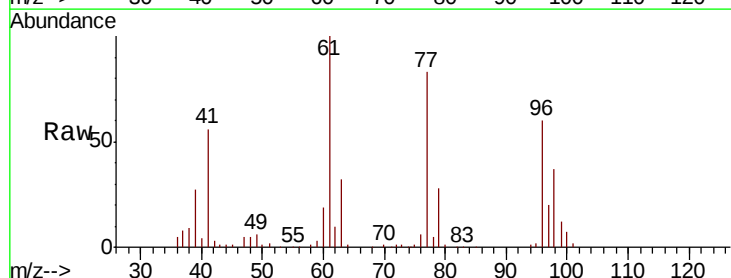
Acq: 01 Apr 2019 12:29

Tgt Ion: 77 Resp: 59647

Ion Ratio Lower Upper

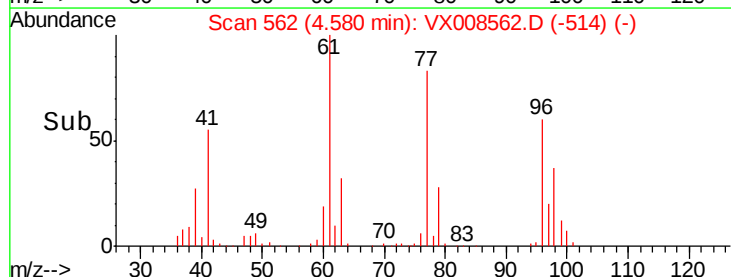
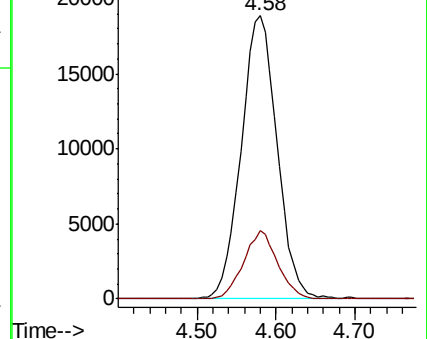
77 100

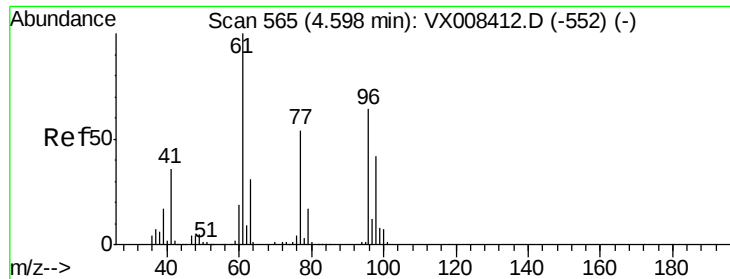
97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

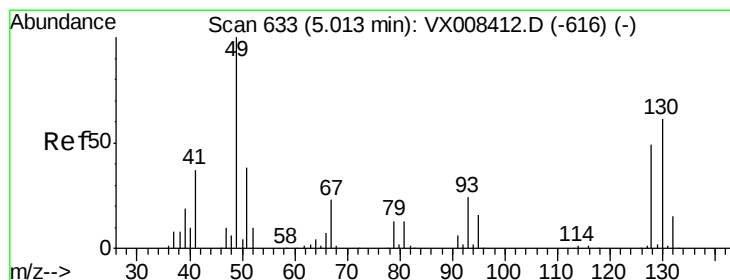
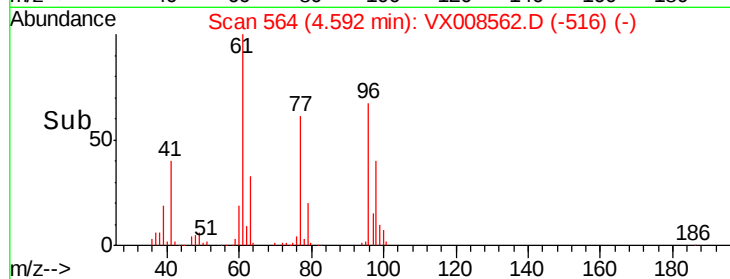
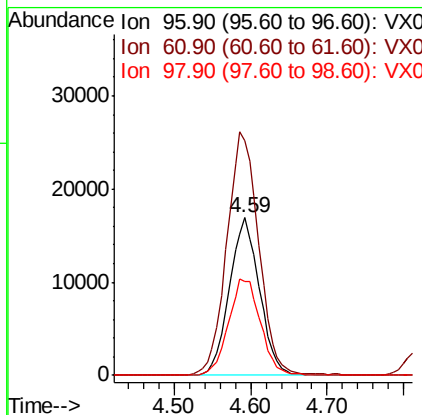
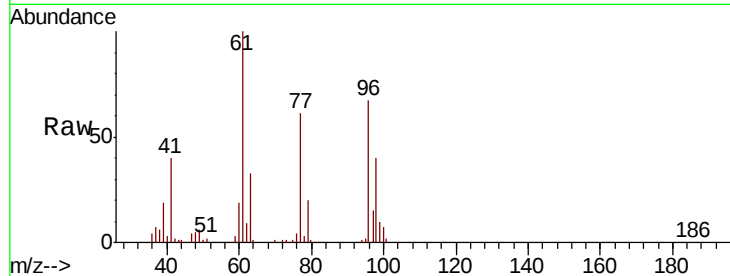
cis-1,2-Dichloroethene
Concen: 17.100 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	46120		
61	163.6	0.0	325.6	
98	64.6	0.0	130.0	

Manual Integrations
APPROVED

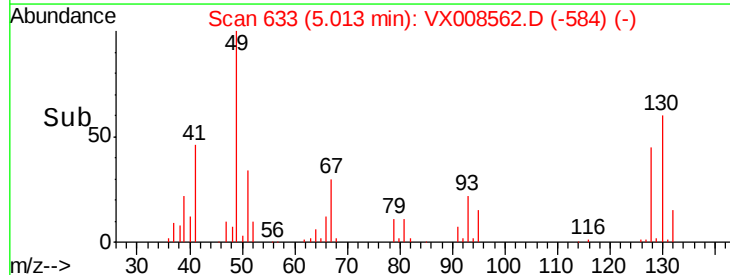
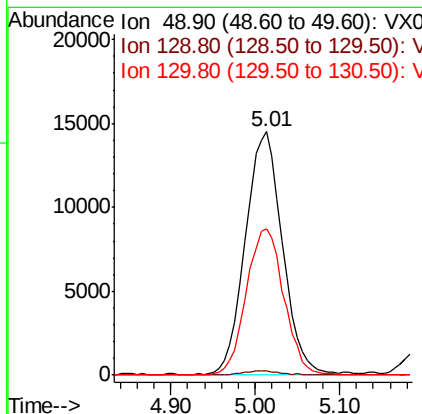
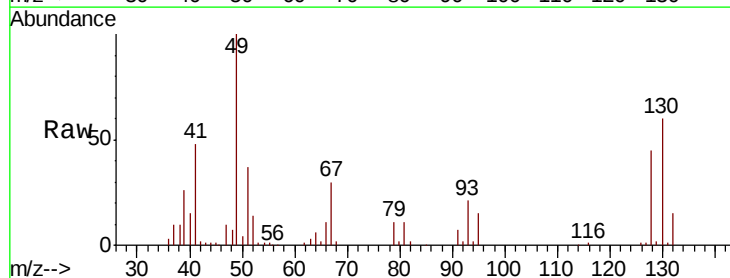
MMDadoda
4/2/2019 9:19:35 AM

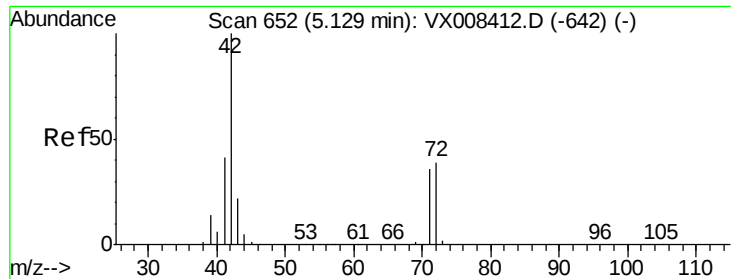


#28

Bromochloromethane
Concen: 18.236 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43520		
129	1.7	0.0	3.4	
130	60.7	49.8	74.6	





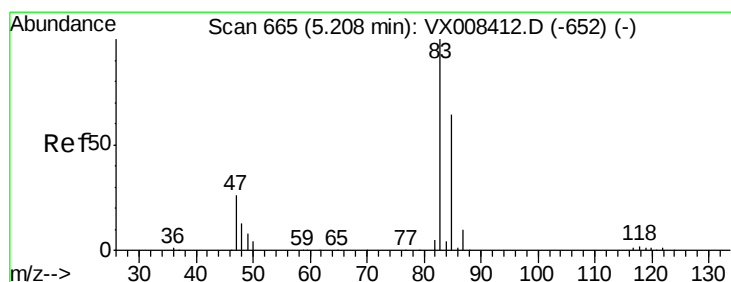
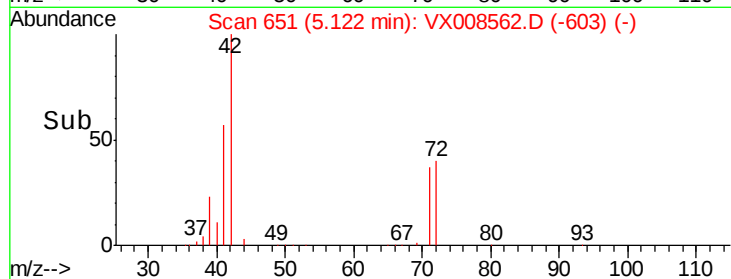
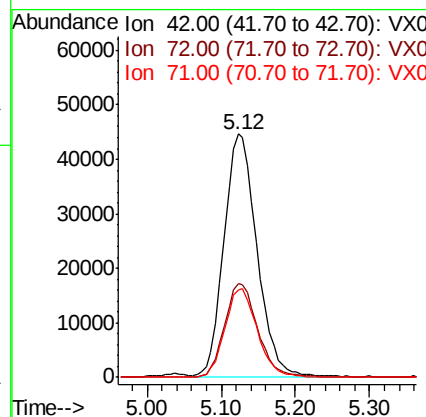
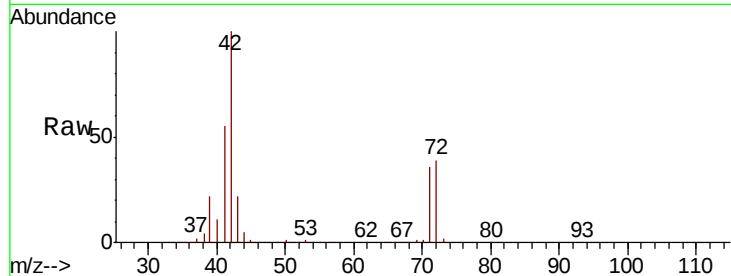
#29
Tetrahydrofuran
Concen: 86.627 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.4	47.2
71	36.0	29.4	44.2

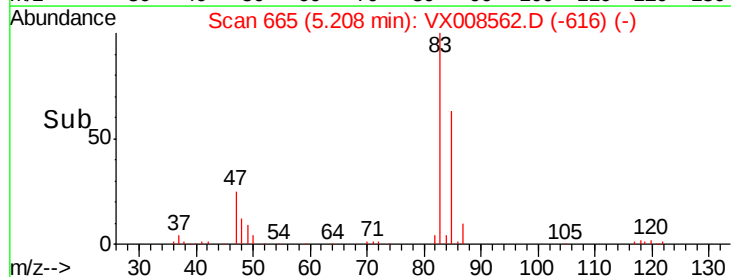
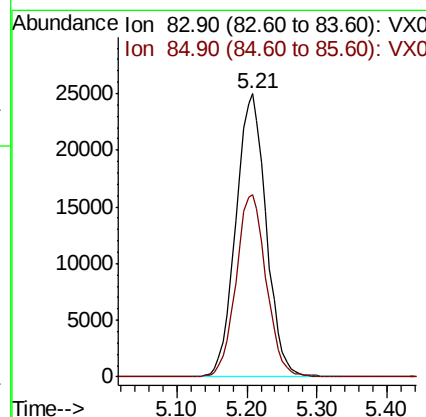
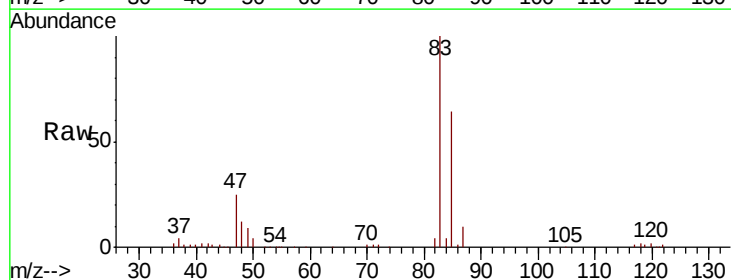
Manual Integrations
APPROVED

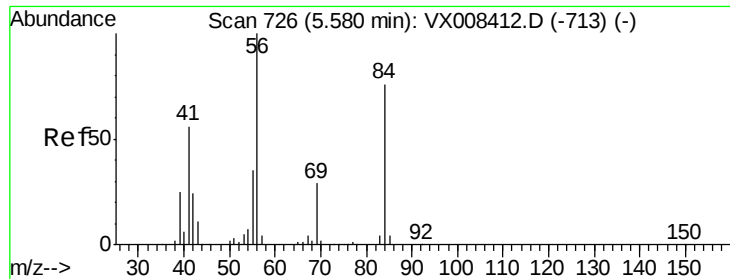
MMDadoda
4/2/2019 9:19:35 AM



#30
Chloroform
Concen: 17.229 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 16.955 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

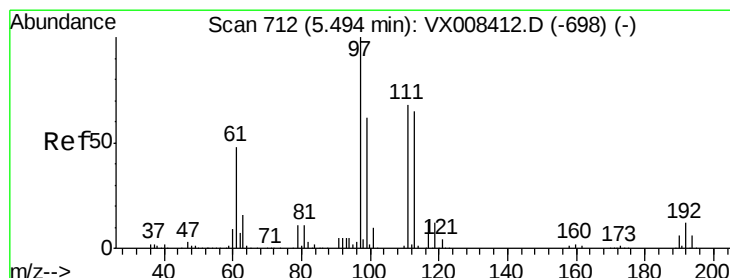
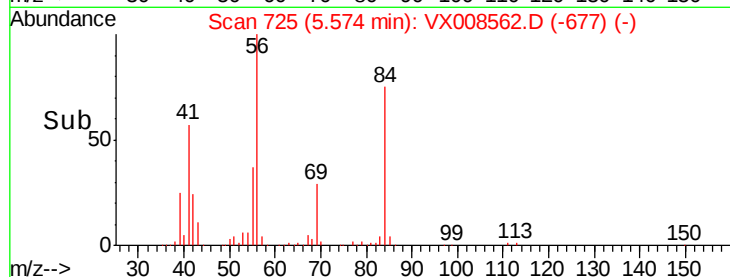
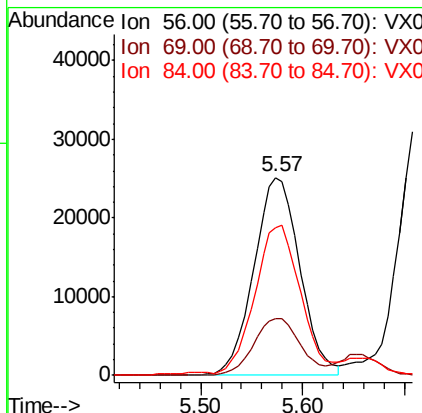
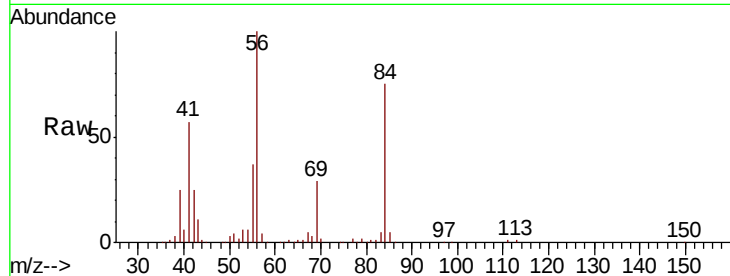
ClientSampled :

VX0401WBS01

Tot Ion:	56	Resp:	78112
Ion Ratio	Lower	Upper	
56	100		
69	28.8	23.2	34.8
84	73.4	60.7	91.1

Manual Integrations
APPROVED

MMDadoda
4/2/2019 9:19:35 AM



#32

1,1,1-Trichloroethane

Concen: 17.667 ug/l

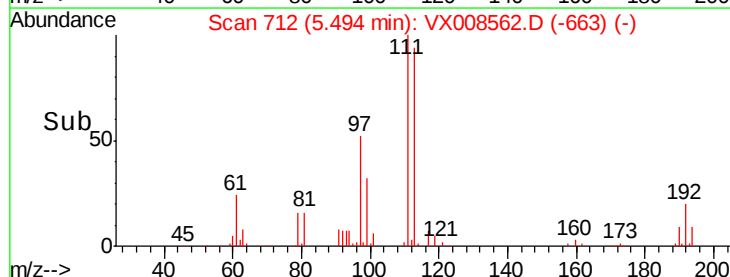
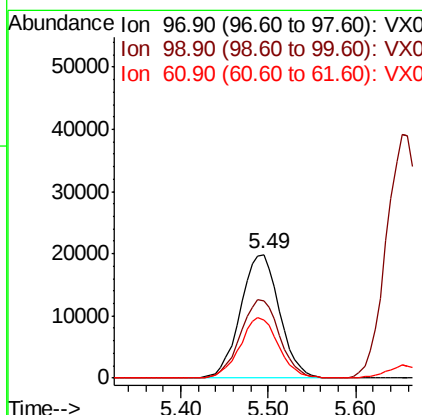
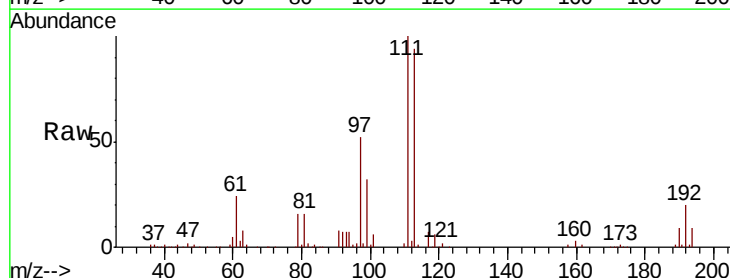
RT: 5.49 min Scan# 712

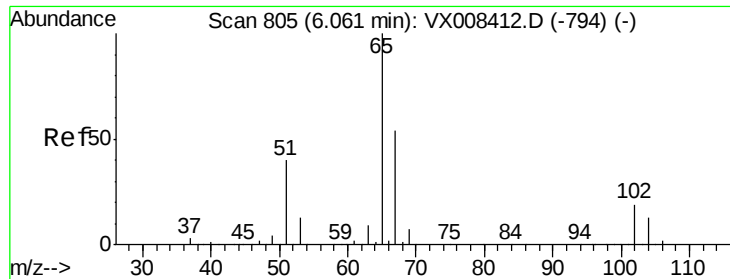
Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion:	97	Resp:	61560
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.5	77.3
61	48.5	38.8	58.2





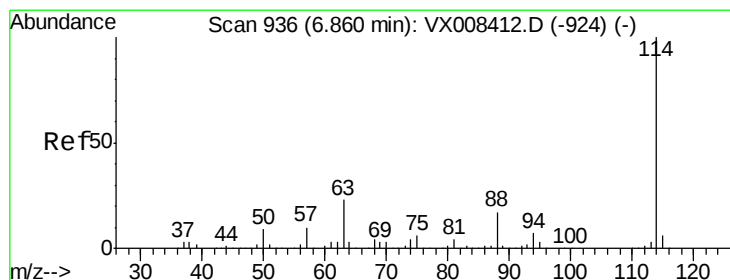
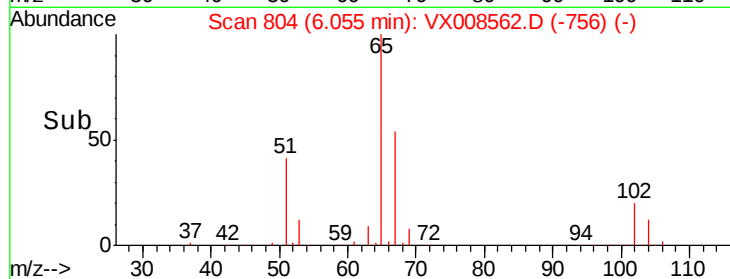
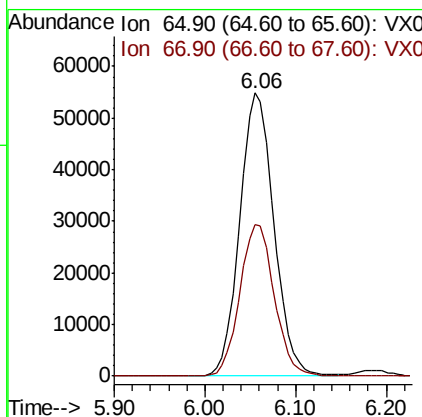
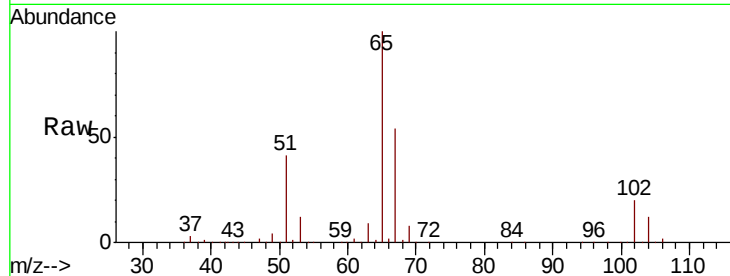
#33
 1,2-Dichloroethane-d4
 Concen: 49.794 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.4

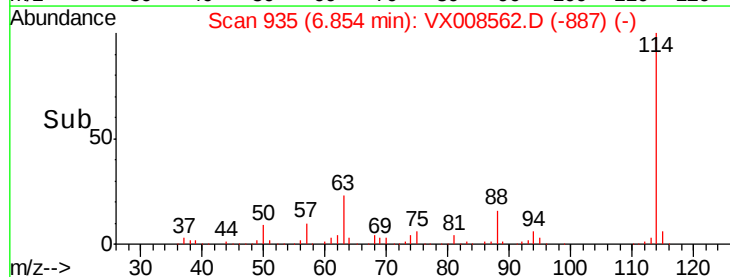
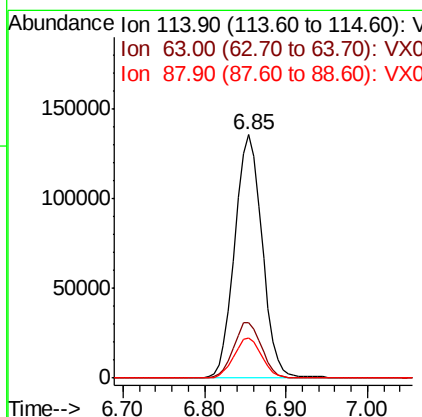
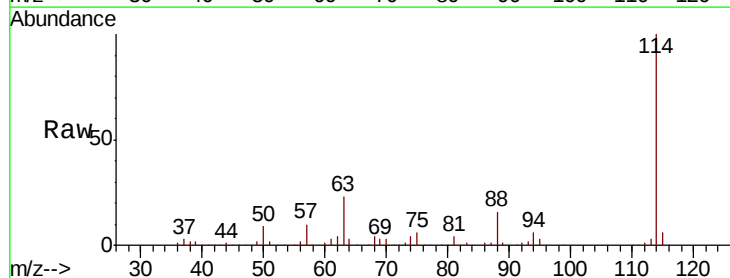
Manual Integrations
 APPROVED

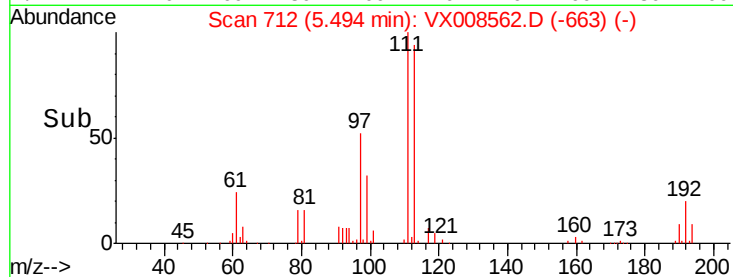
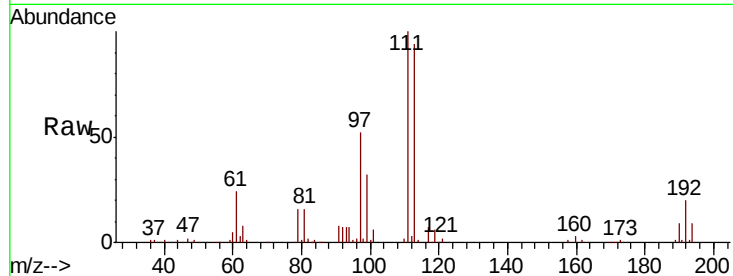
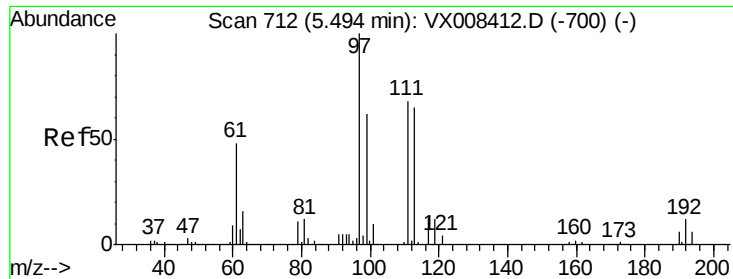
MMDadoda
 4/2/2019 9:19:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	46.4
88	16.3	0.0	33.2





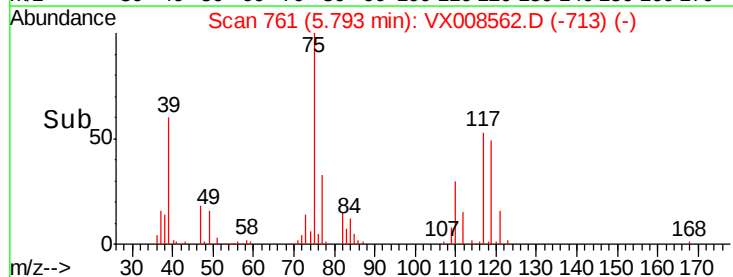
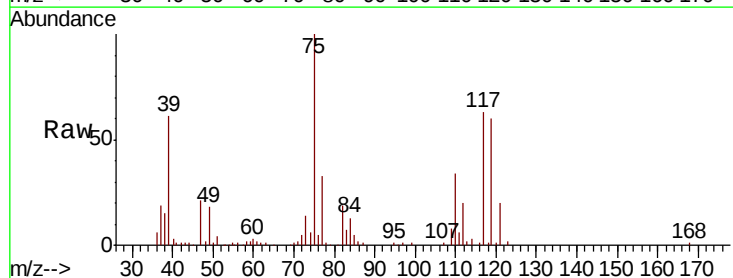
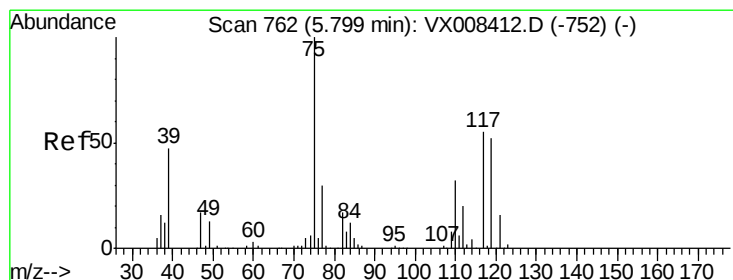
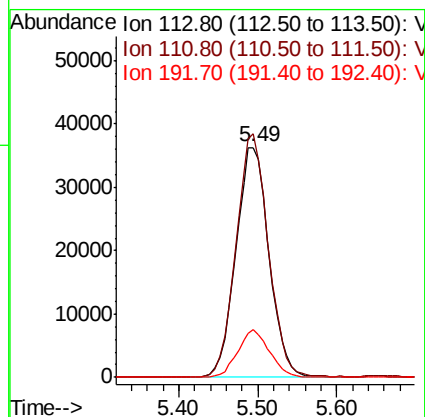
#35
Dibromofluoromethane
Concen: 51.580 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106044		
111	102.9	83.0	124.4	
192	19.8	15.6	23.4	

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

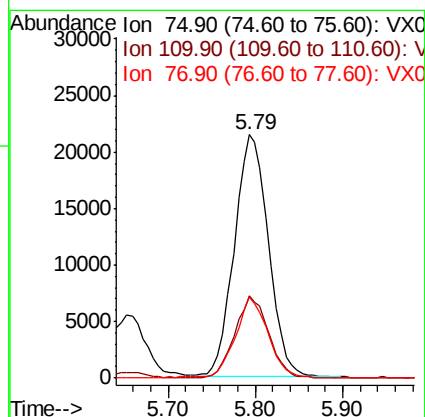
Manual Integrations
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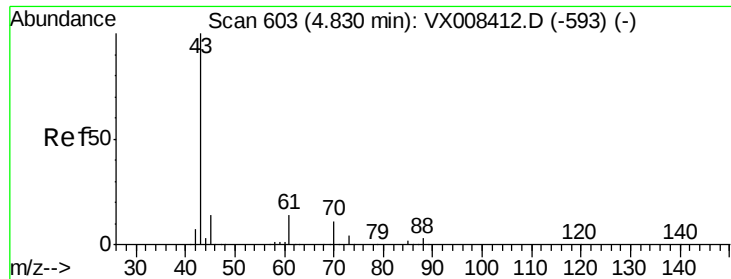
MMDadoda
4/2/2019 9:19:35 AM



#36
1,1-Dichloropropene
Concen: 17.291 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58130		
110	33.7	16.6	49.7	
77	31.8	24.2	36.2	





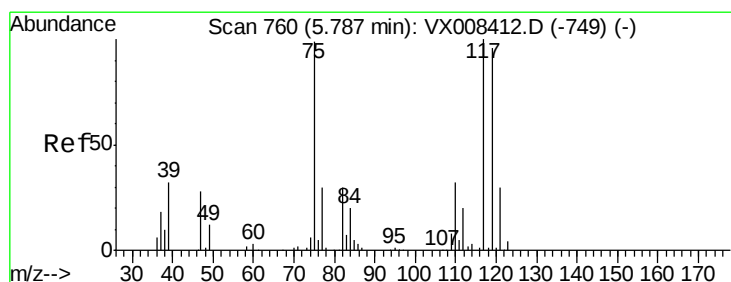
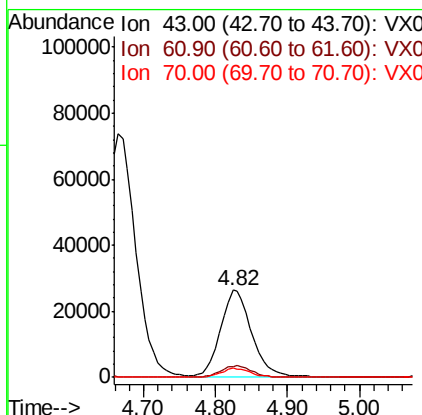
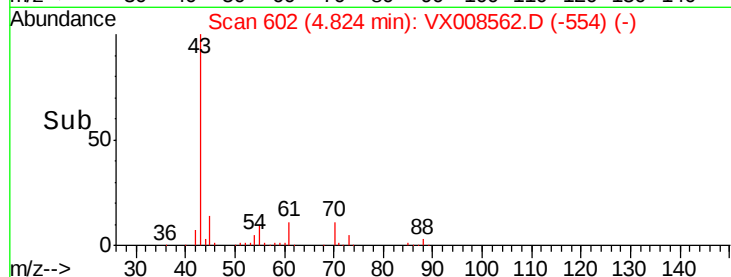
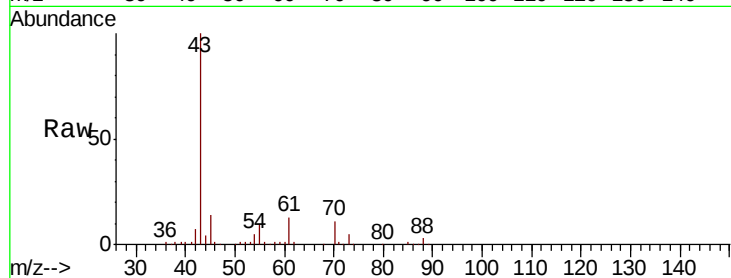
#37
Ethyl Acetate
Concen: 18.031 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	10.1	7.8	11.8

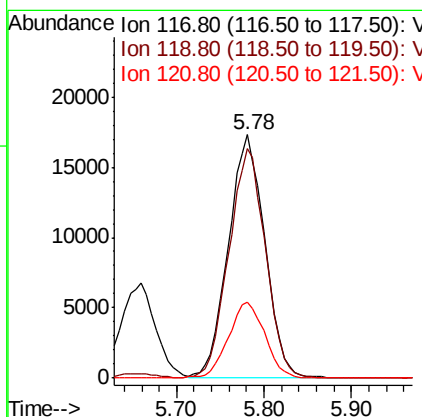
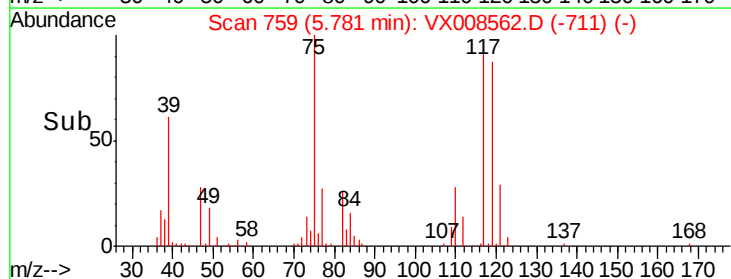
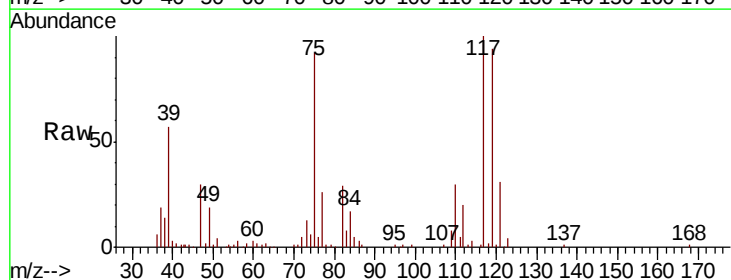
Manual Integrations
APPROVED

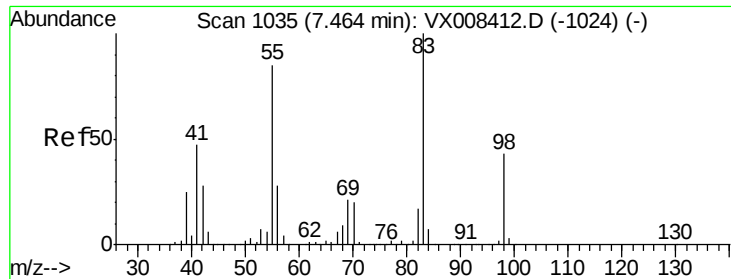
MMDadoda
4/2/2019 9:19:35 AM



#38
Carbon Tetrachloride
Concen: 17.893 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.7	115.1
121	31.0	24.3	36.5





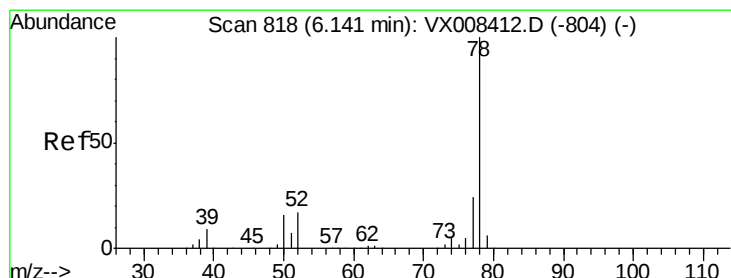
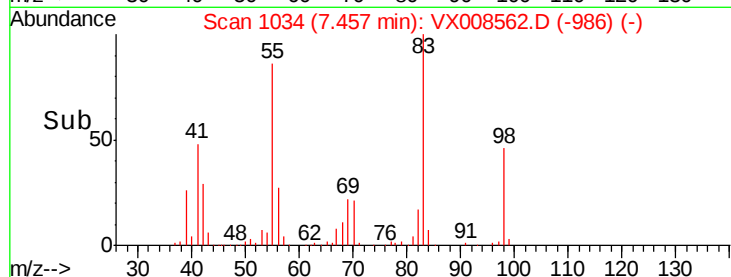
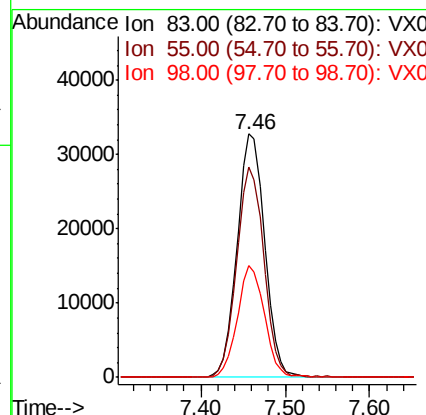
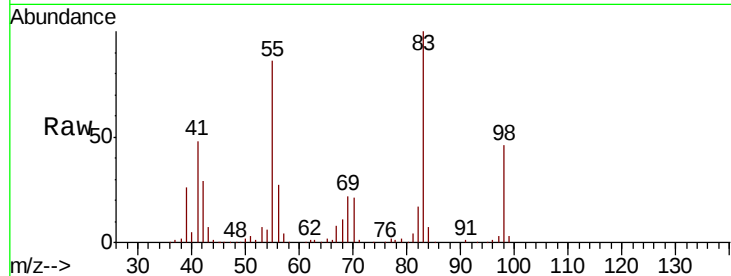
#39
Methvlcvclohexane
Concen: 18.011 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.2	102.4
98	45.8	34.2	51.4

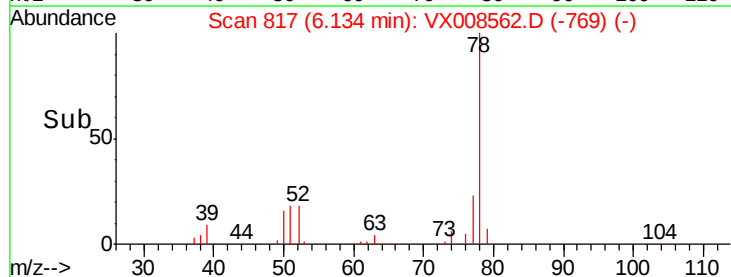
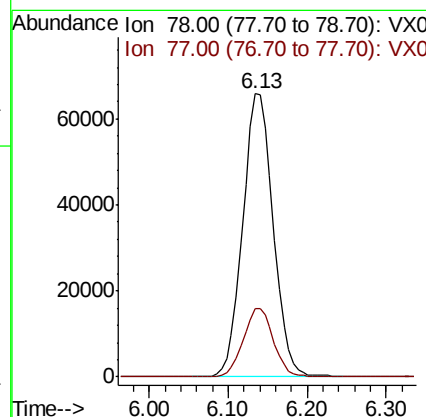
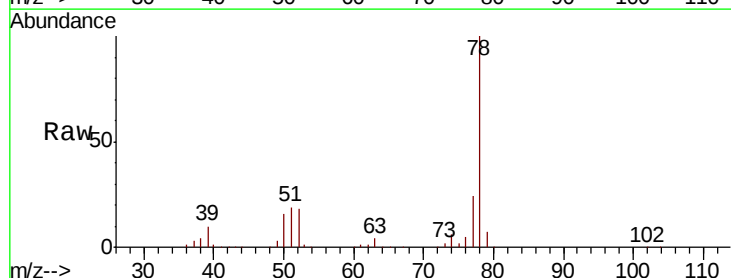
Manual Integrations
APPROVED

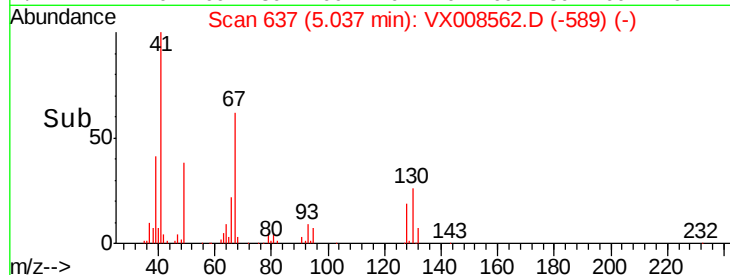
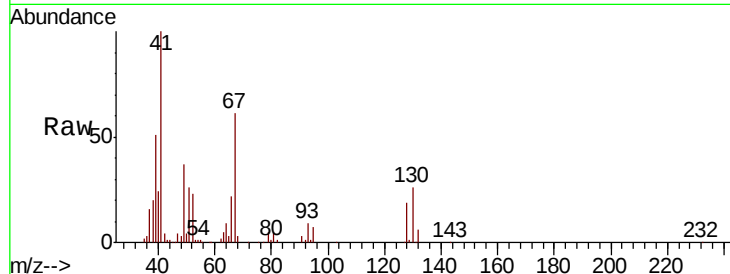
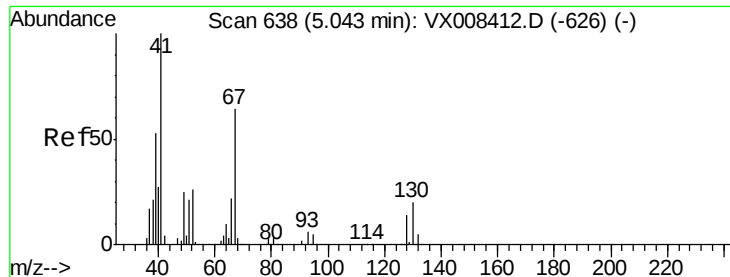
MMDadoda
4/2/2019 9:19:35 AM



#40
Benzene
Concen: 17.625 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





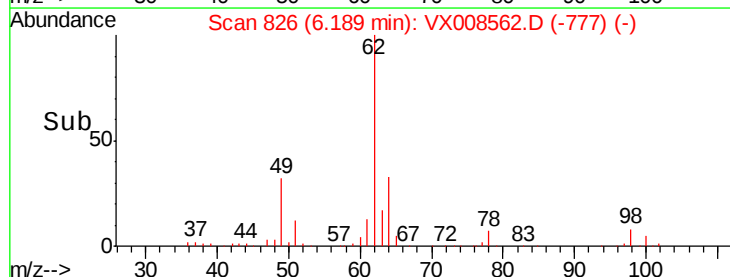
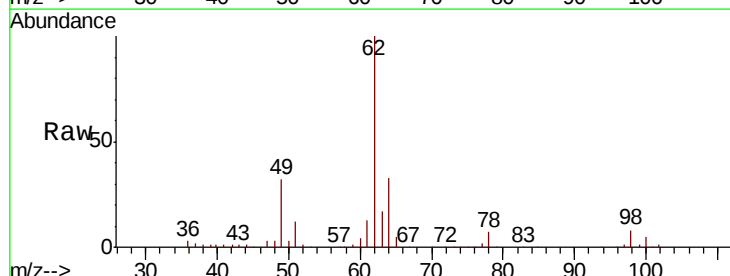
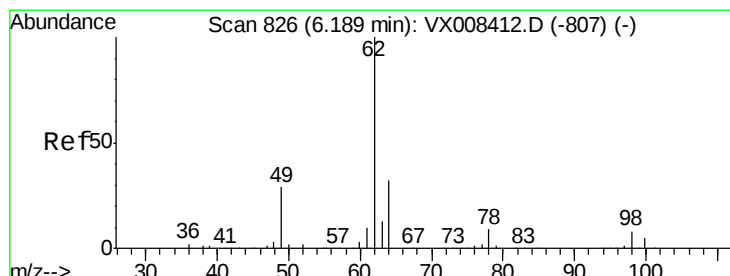
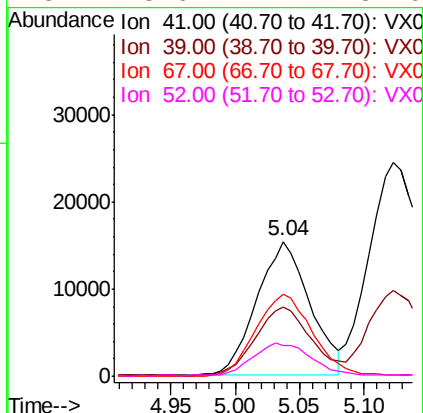
#41
Methacrylonitrile
Concen: 18.020 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44105		
39	55.7	42.6	64.0		
67	65.8	52.2	78.4		
52	28.6	21.4	32.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

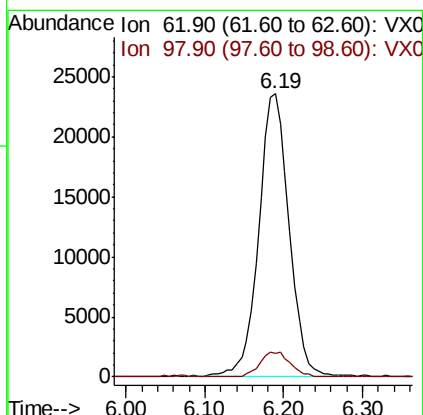
Manual Integrations
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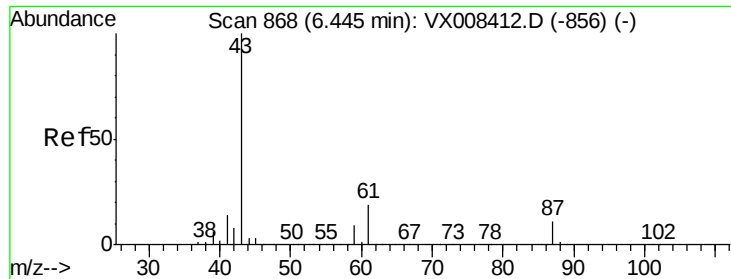
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.151 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		63200		
98	8.8	0.0	17.6		





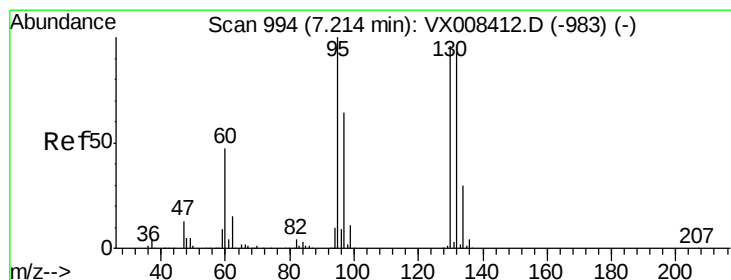
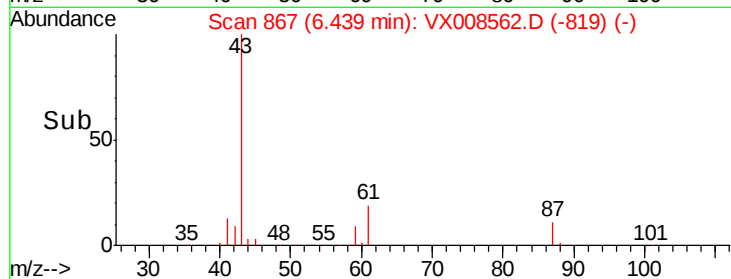
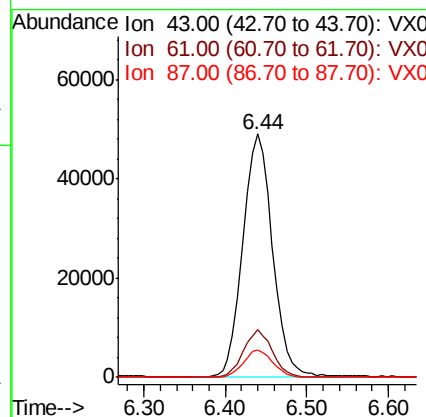
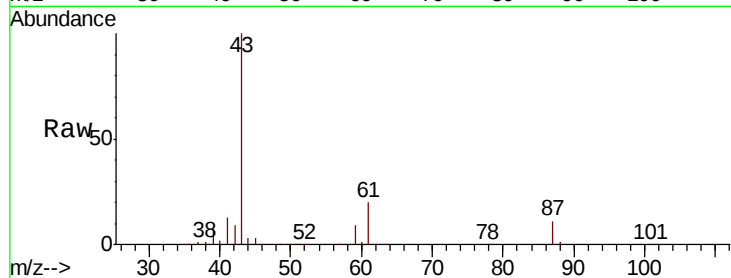
#43
Isopropyl Acetate
Concen: 17.695 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion:	43	Resp:	123267
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	11.2	9.1	13.7

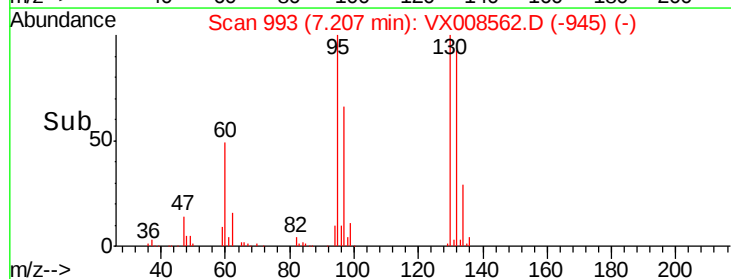
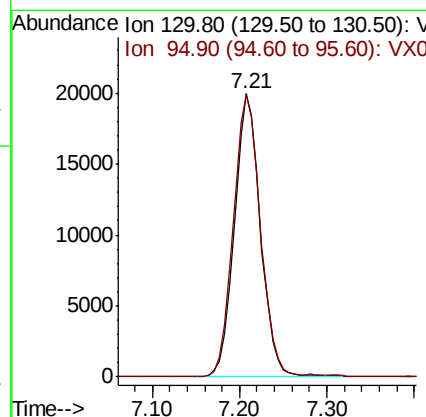
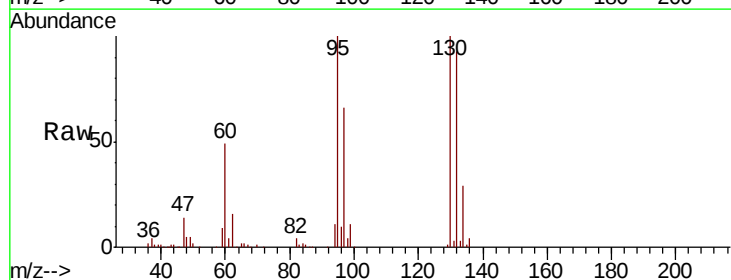
Manual Integrations
APPROVED

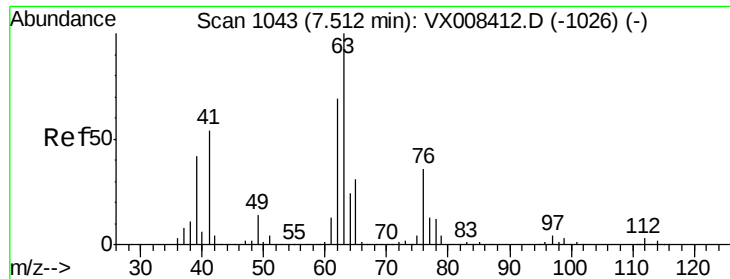
MMDadoda
4/2/2019 9:19:35 AM



#44
Trichloroethene
Concen: 17.502 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion:	130	Resp:	41360
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	208.8





#45

1,2-Dichloropropane

Concen: 17.696 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 63 Resp: 50623

Ion Ratio Lower Upper

63 100

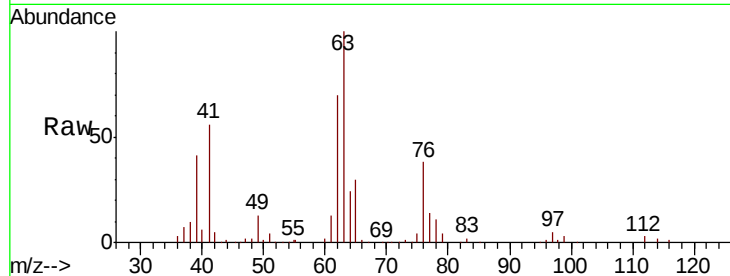
65 29.2 25.1 37.7

Manual Integrations

APPROVED

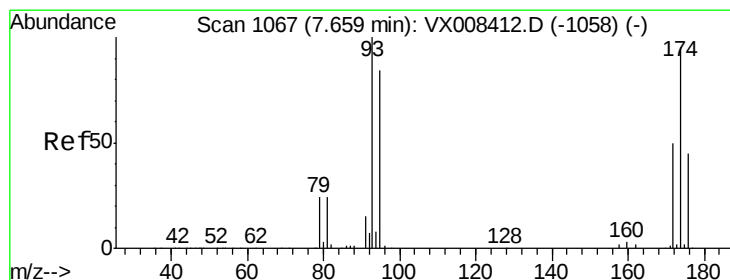
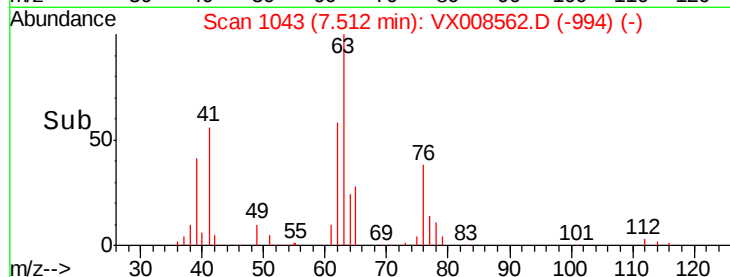
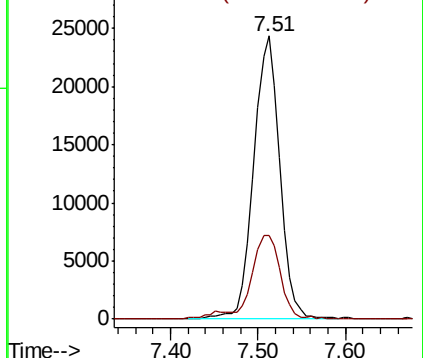
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.568 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

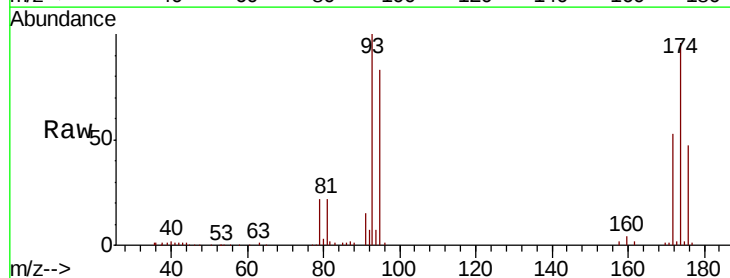
Tgt Ion: 93 Resp: 29348

Ion Ratio Lower Upper

93 100

95 81.2 67.0 100.6

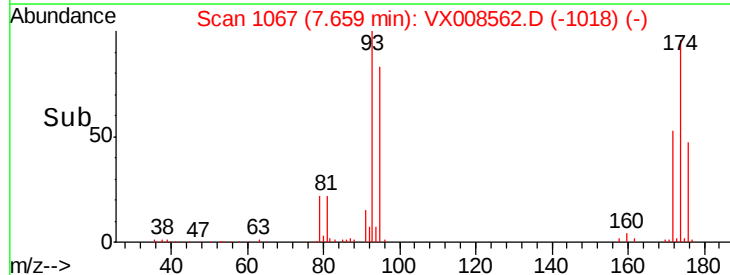
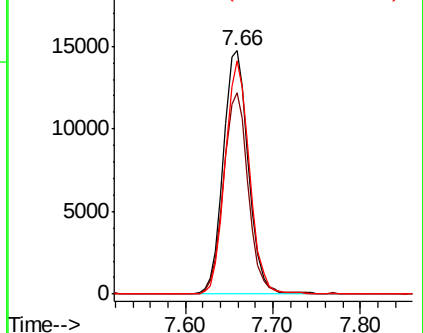
174 92.9 76.0 114.0

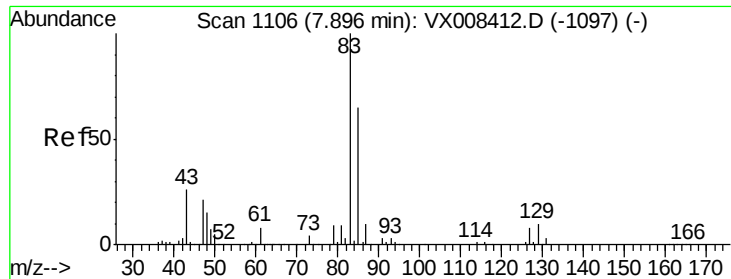


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.028 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

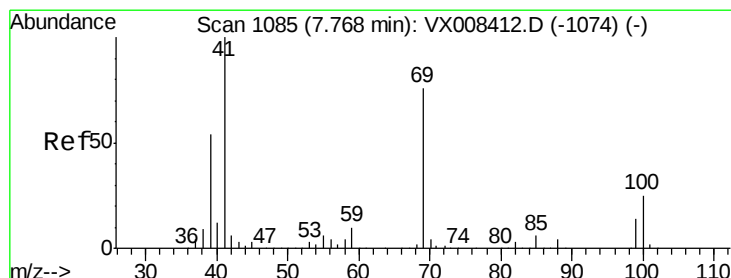
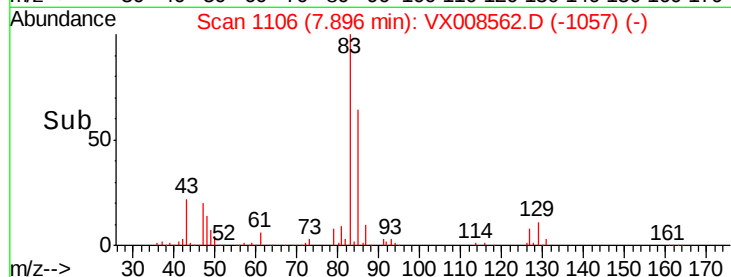
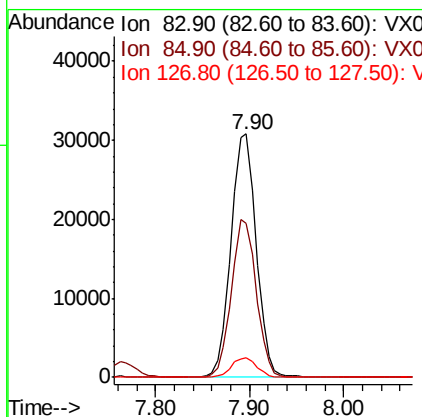
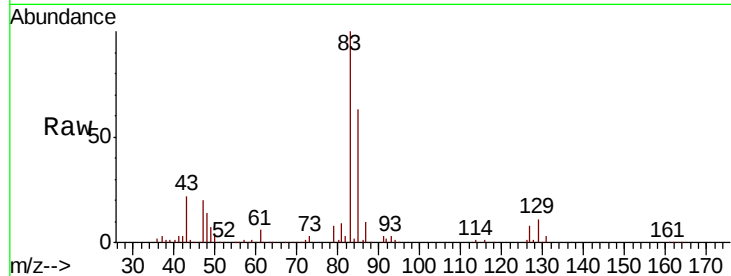
ClientSampleId :

VX0401WBS01

Tot Ion:	83	Resp:	57644
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.807 ug/l

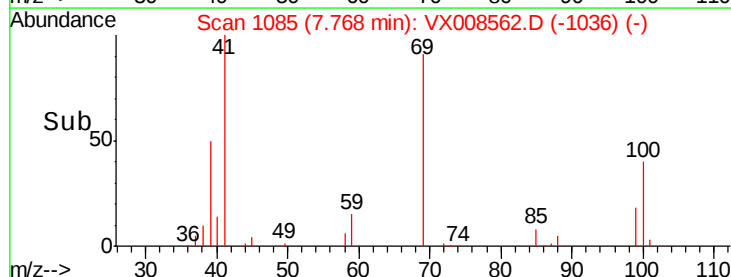
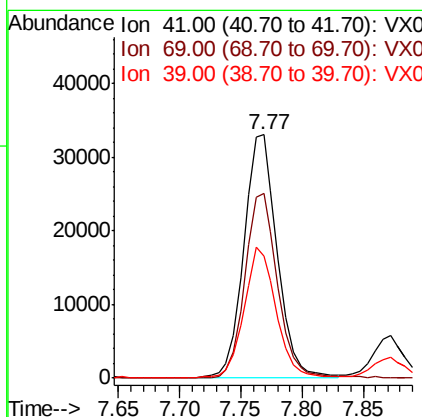
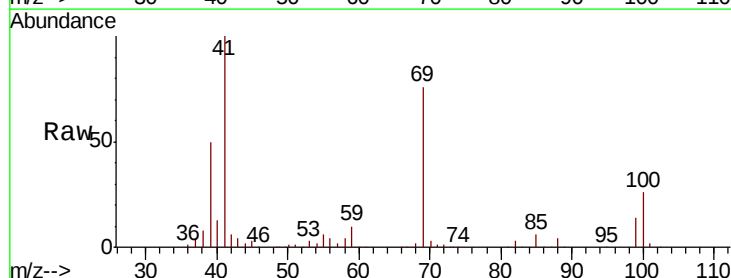
RT: 7.77 min Scan# 1085

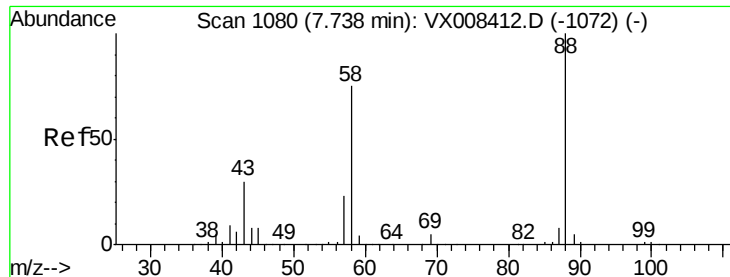
Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion:	41	Resp:	62067
Ion	Ratio	Lower	Upper
41	100		
69	74.9	60.8	91.2
39	51.9	42.3	63.5





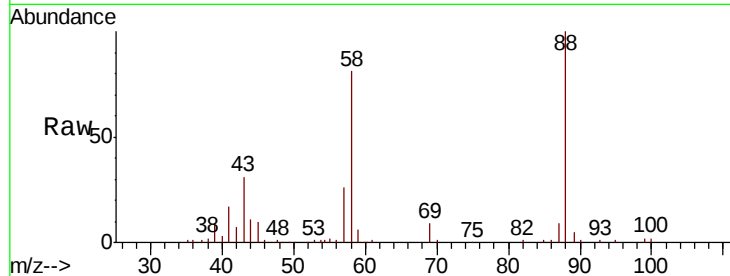
#49
1,4-Dioxane
Concen: 361.964 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	81.2	63.0	94.4

Manual Integrations
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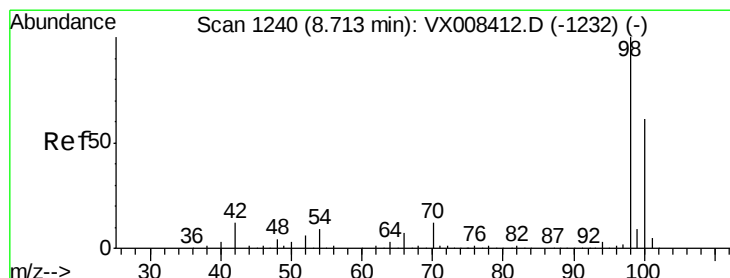
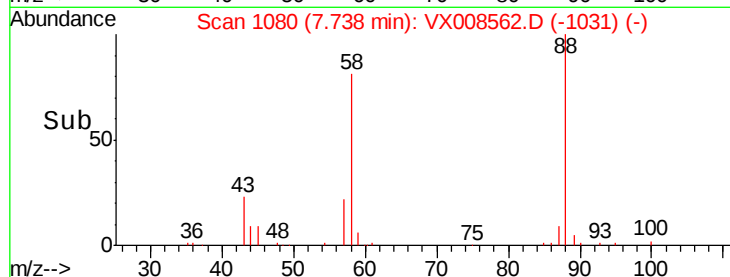
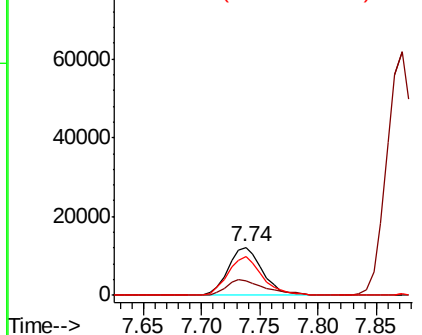


Abundance

Ion 88.00 (87.70 to 88.70): VX0

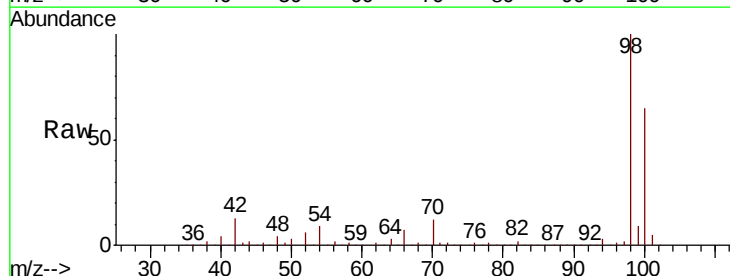
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.811 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

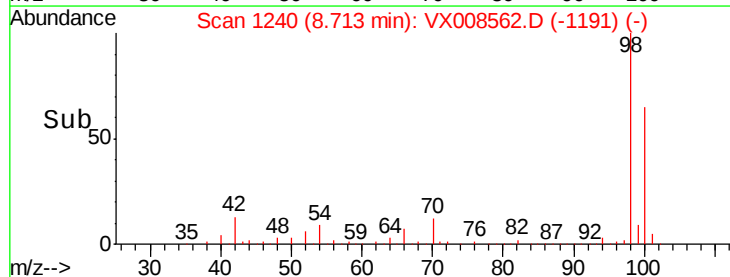
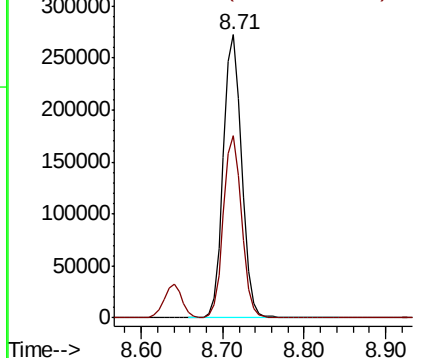
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7

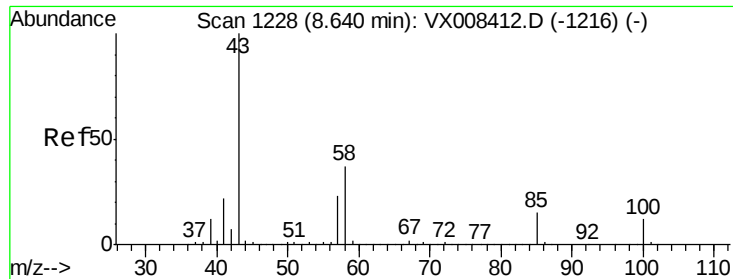


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 90.132 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 43 Resp: 407808

Ion Ratio Lower Upper

43 100

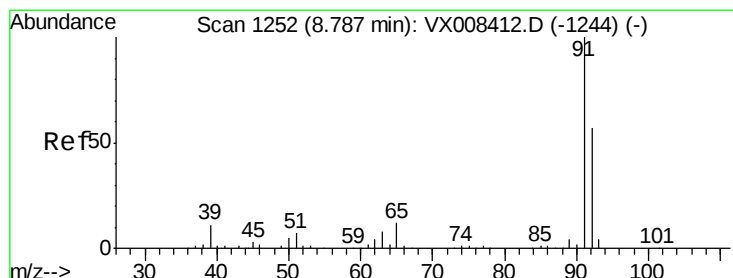
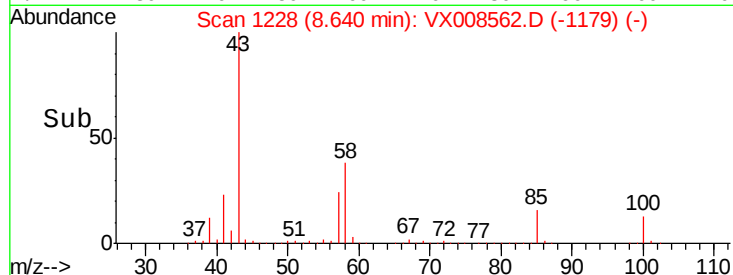
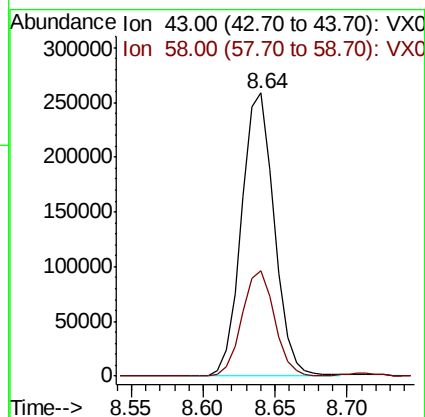
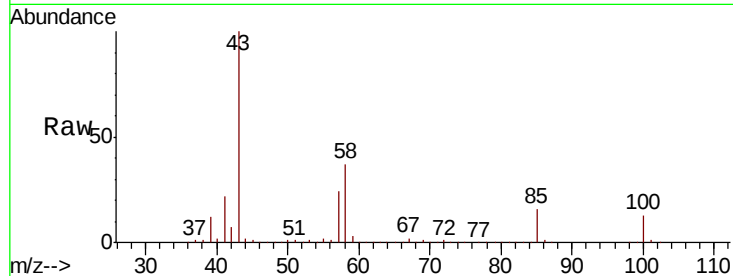
58 37.3 29.8 44.8

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#52

Toluene

Concen: 17.656 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008562.D

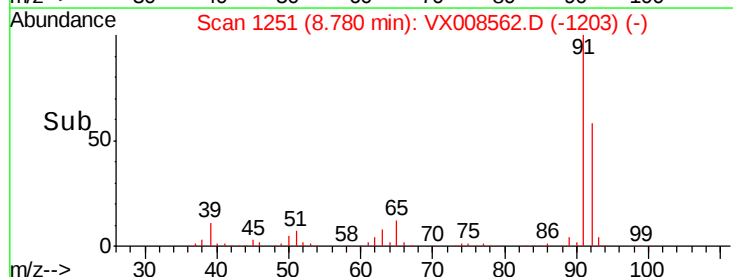
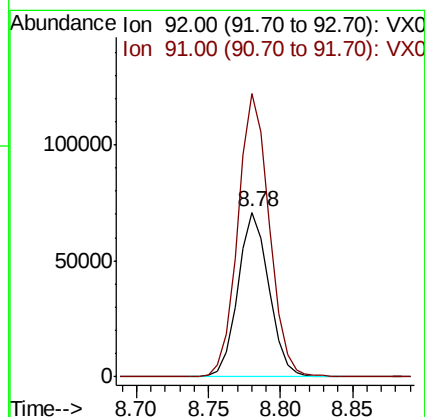
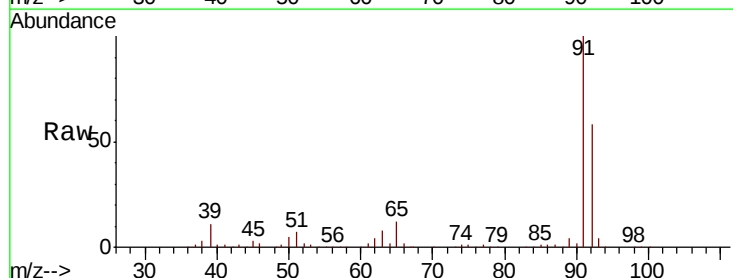
Acq: 01 Apr 2019 12:29

Tgt Ion: 92 Resp: 106250

Ion Ratio Lower Upper

92 100

91 175.0 140.2 210.4





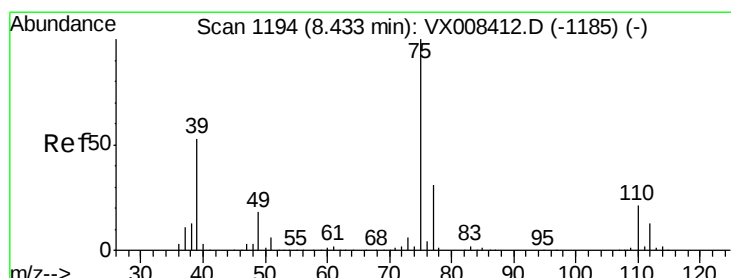
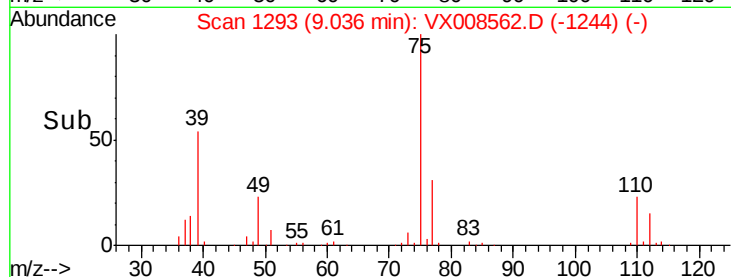
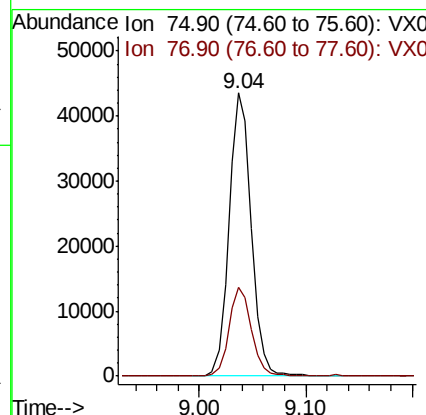
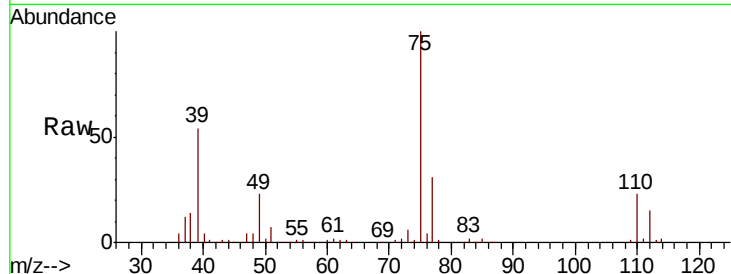
#53
t-1,3-Dichloropropene
Concen: 18.111 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion: 75 Resp: 63430
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5

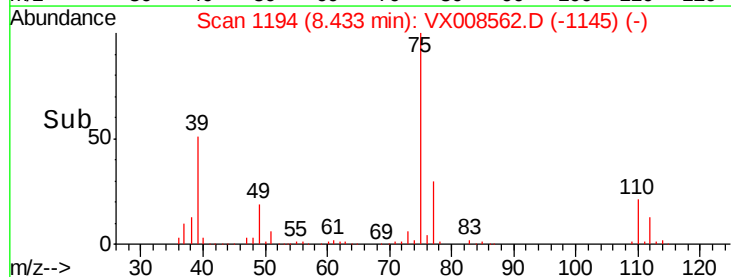
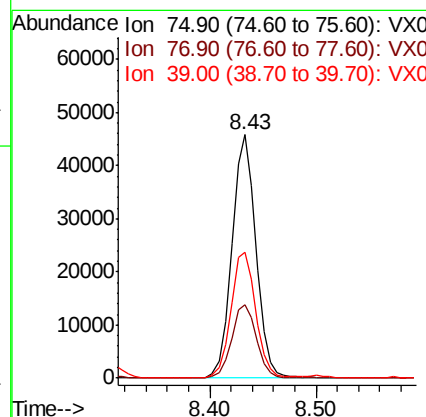
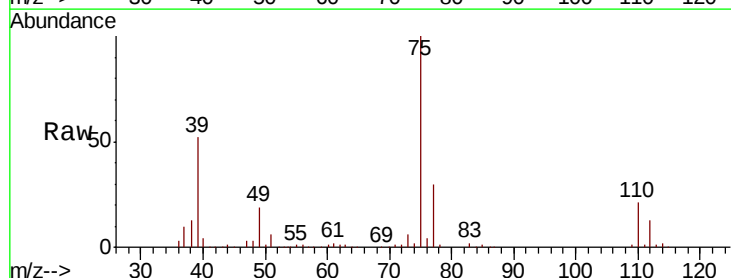
Manual Integrations
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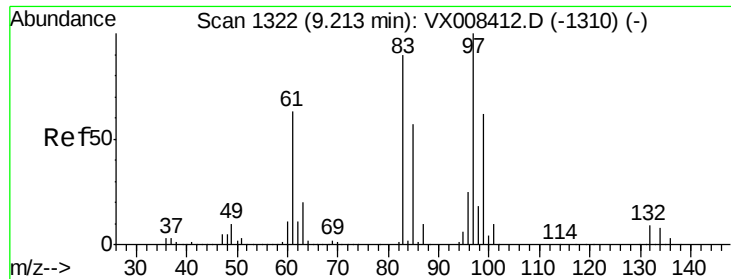
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.164 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 75 Resp: 72339
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1
39 51.4 42.4 63.6





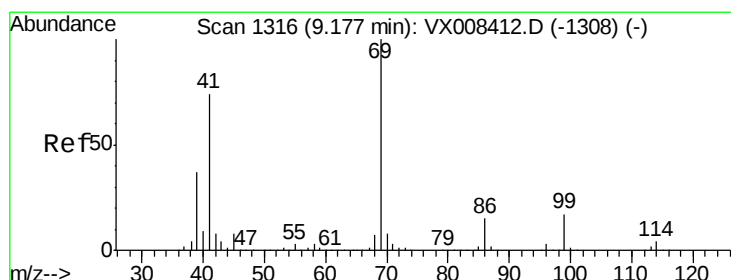
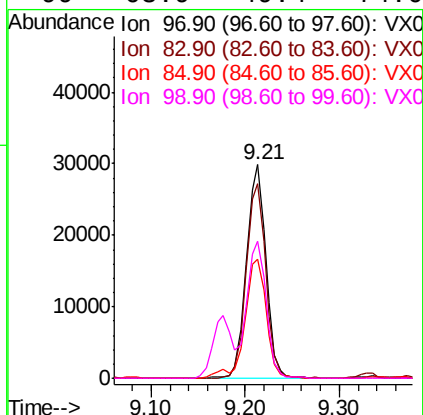
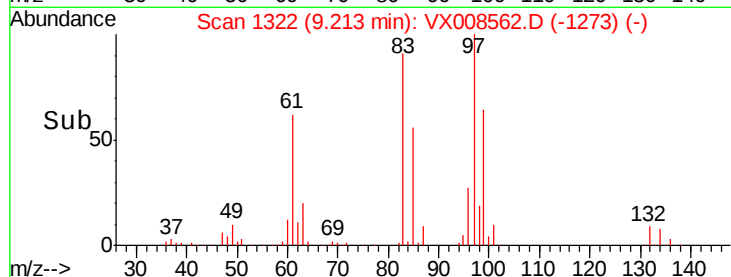
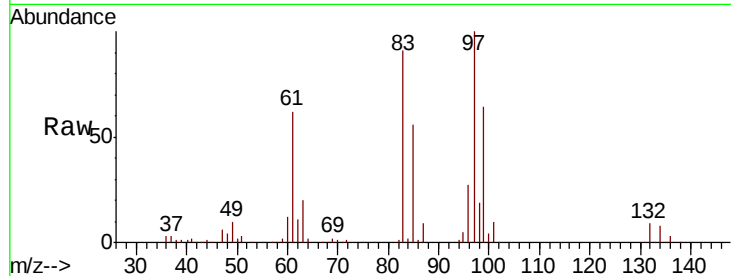
#55
 1,1,2-Trichloroethane
 Concen: 17.675 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion:	97	Resp:	43297
Ion	Ratio	Lower	Upper
97	100		
83	91.3	71.8	107.6
85	55.9	45.9	68.9
99	63.9	49.4	74.0

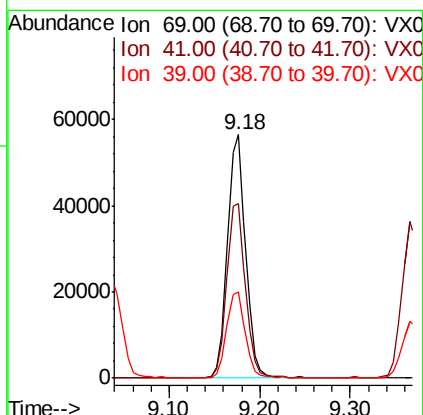
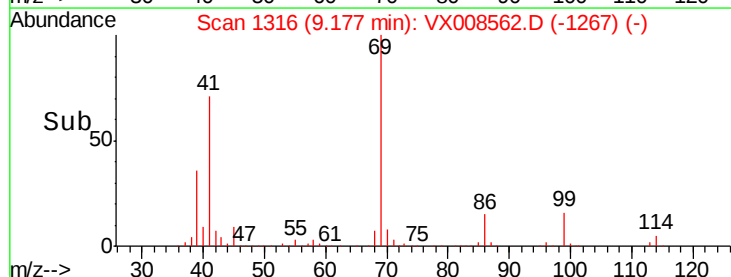
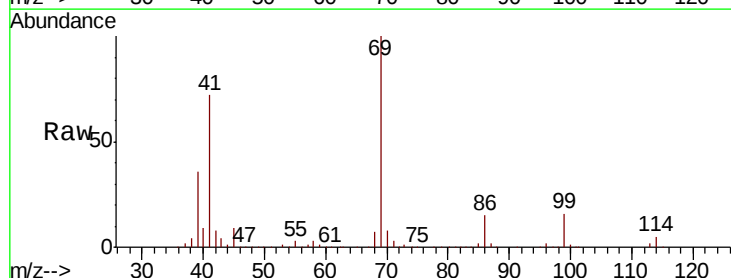
Manual Integrations
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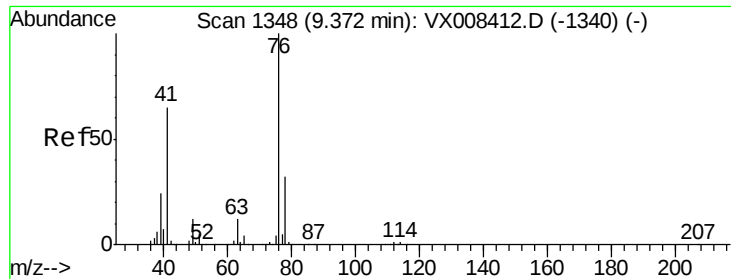
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#56
 Ethyl methacrylate
 Concen: 17.817 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion:	69	Resp:	78783
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.5	89.3
39	36.4	29.3	43.9





#57

1,3-Dichloropropane

Concen: 17.739 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 76 Resp: 77909

Ion Ratio Lower Upper

76 100

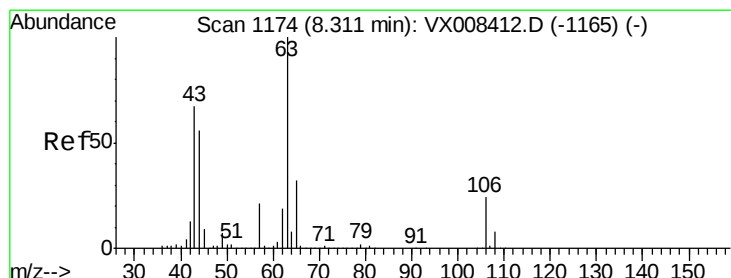
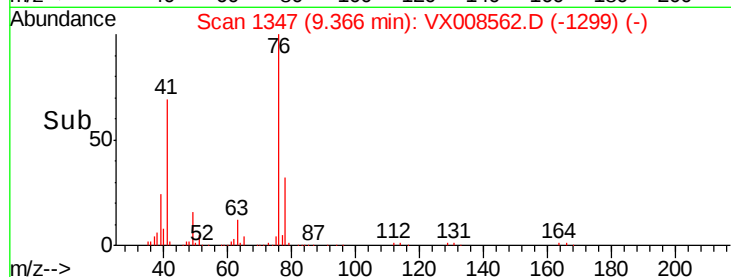
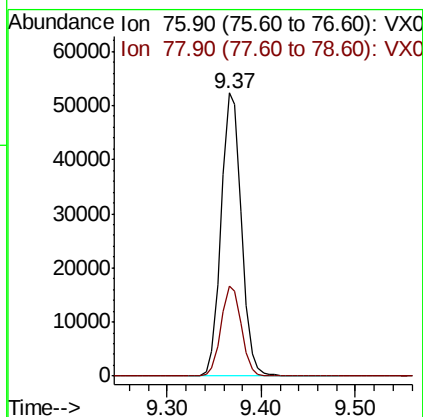
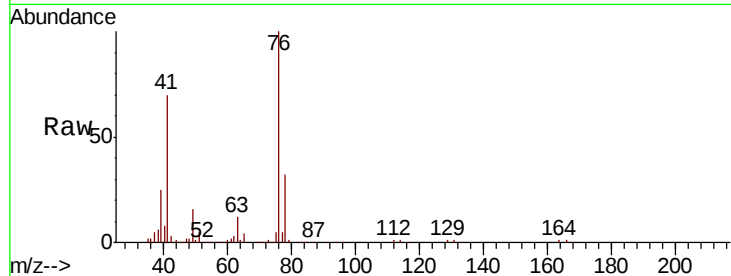
78 31.9 25.8 38.8

Manual Integrations

APPROVED

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4/2/2019 9:19:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.519 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008562.D

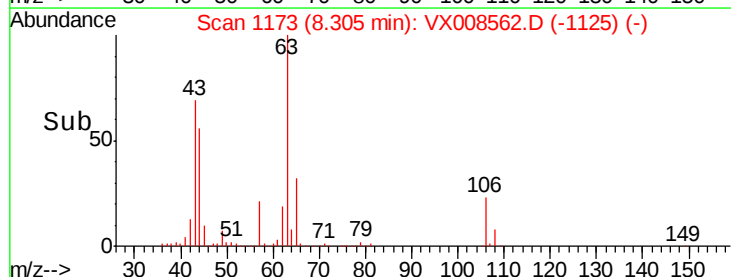
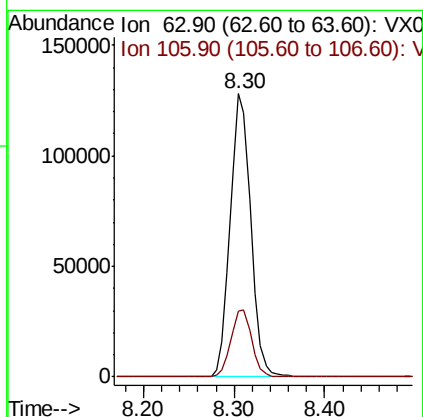
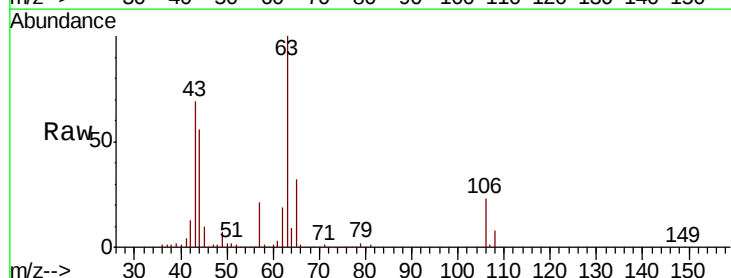
Acq: 01 Apr 2019 12:29

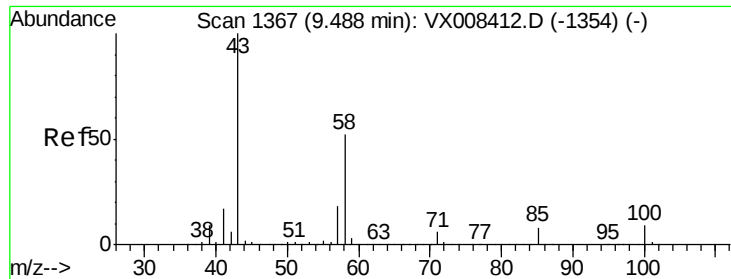
Tgt Ion: 63 Resp: 202331

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6





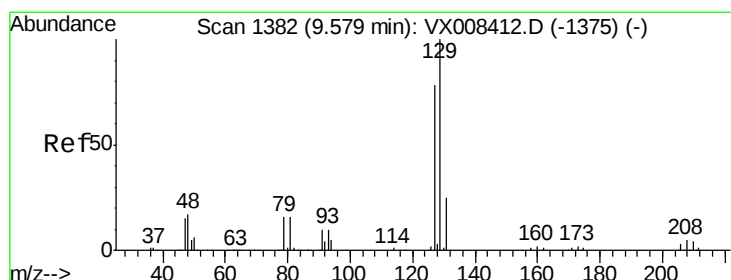
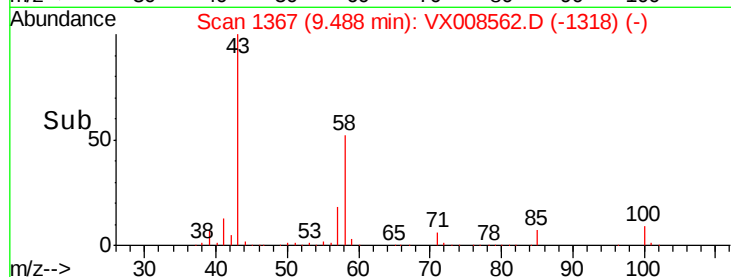
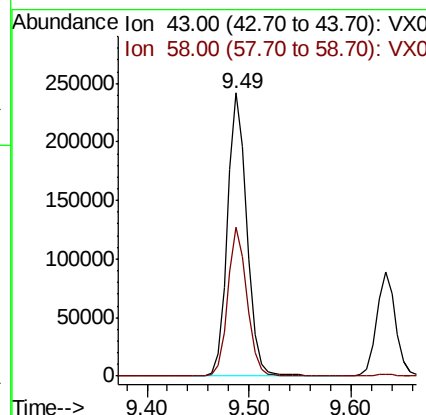
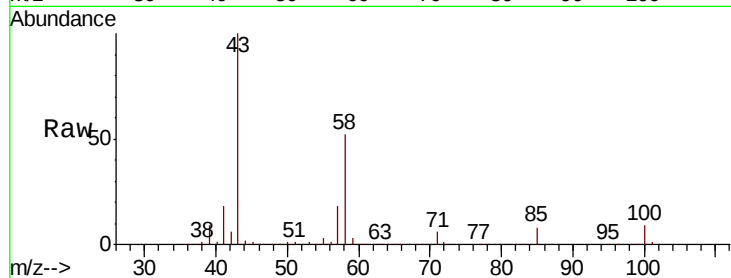
#59
2-Hexanone
Concen: 90.922 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion: 43 Resp: 318761
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

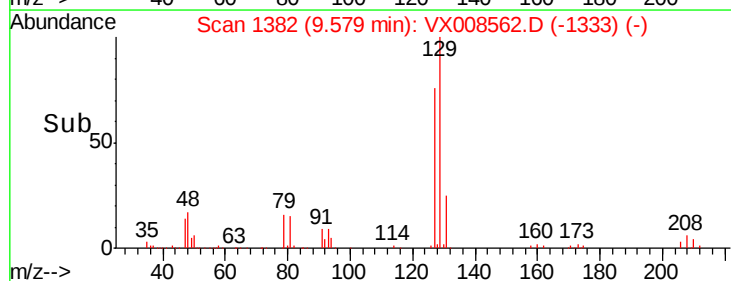
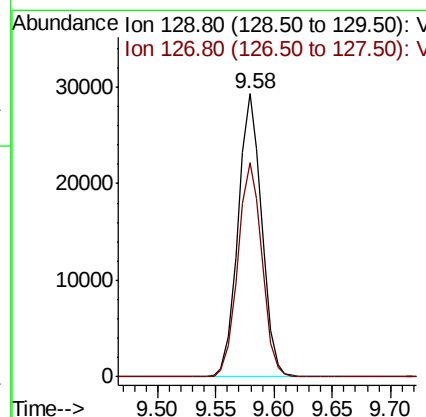
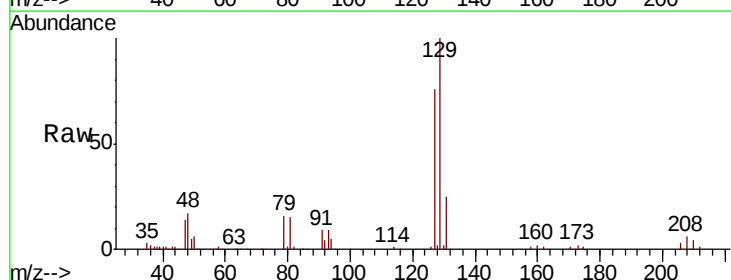
Manual Integrations
APPROVED

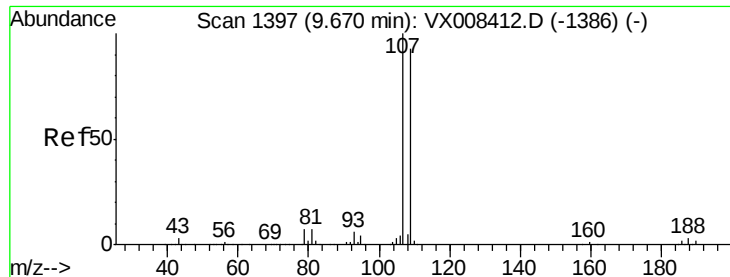
MMDadoda
4/2/2019 9:19:35 AM



#60
Dibromochloromethane
Concen: 17.806 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 129 Resp: 41482
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





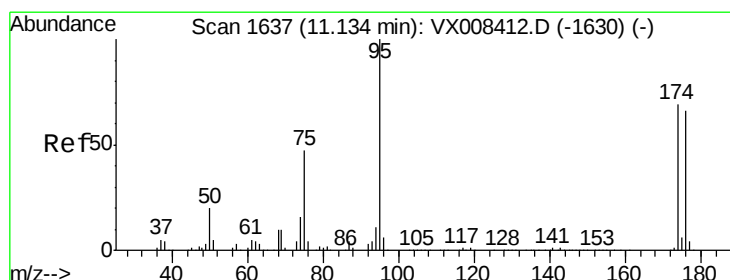
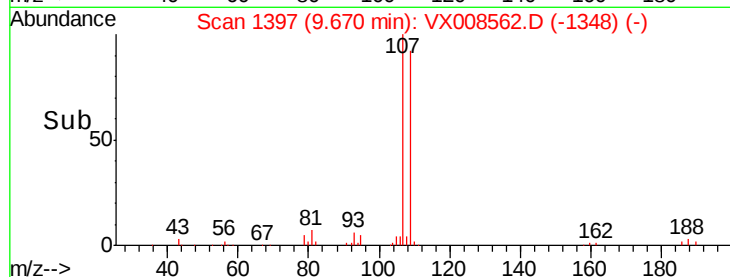
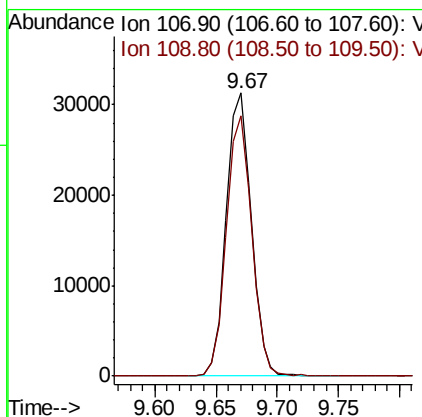
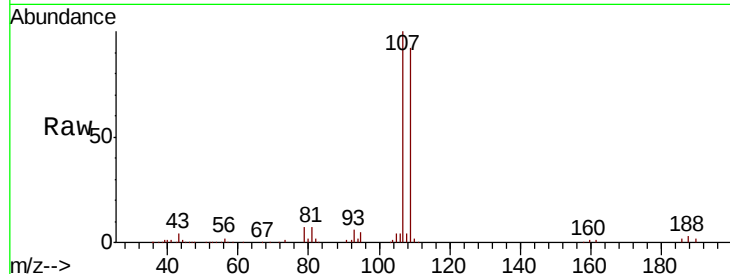
#61
 1,2-Dibromoethane
 Concen: 17.809 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.6	111.8

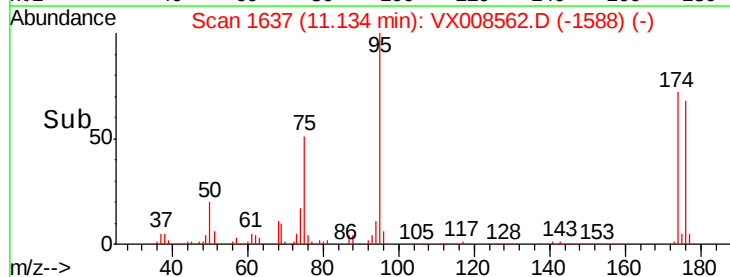
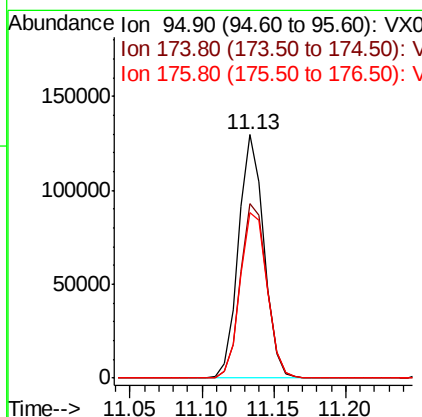
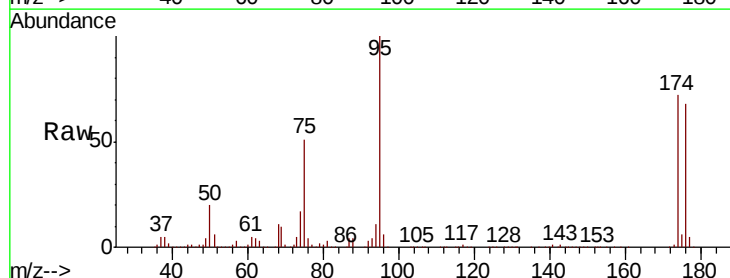
Manual Integrations
 APPROVED

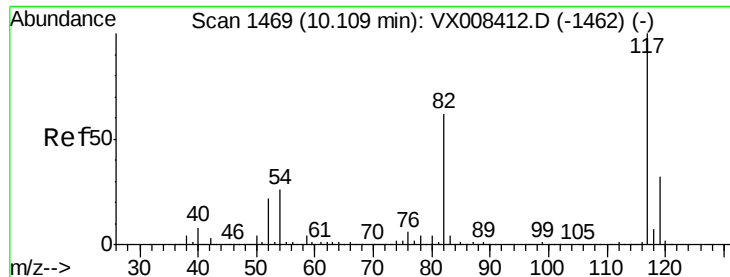
MMDadoda
 4/2/2019 9:19:35 AM



#62
 4-Bromofluorobenzene
 Concen: 52.226 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	147.2
176	72.2	0.0	142.4





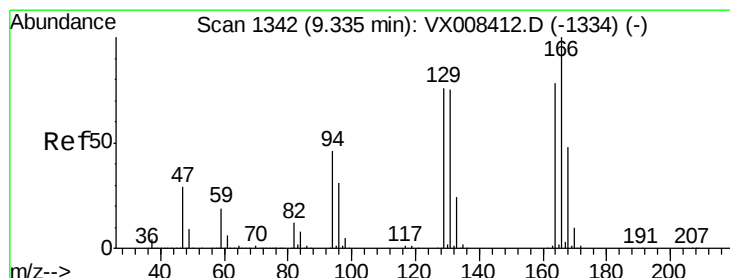
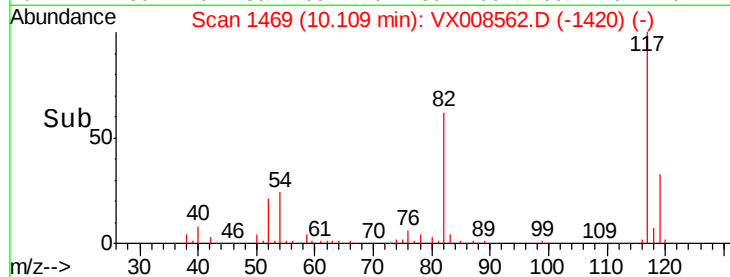
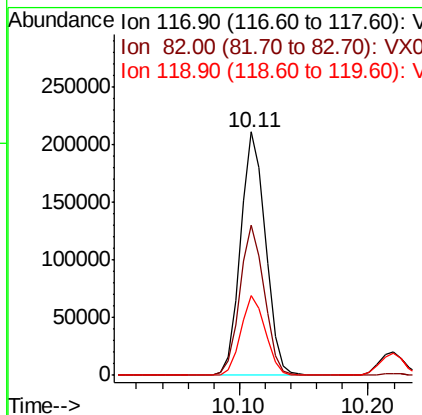
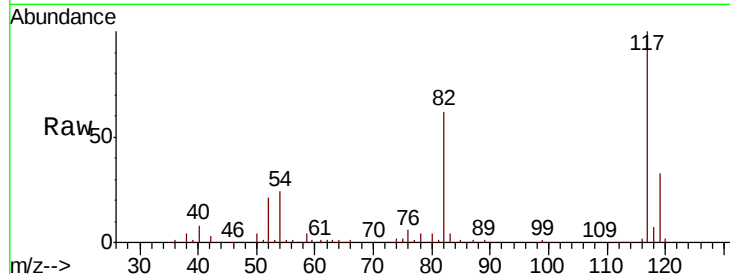
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.4	74.2
119	32.8	25.4	38.0

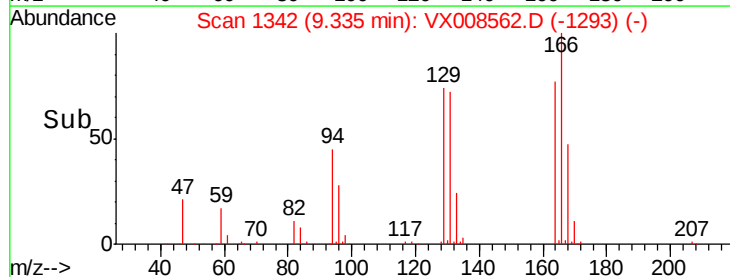
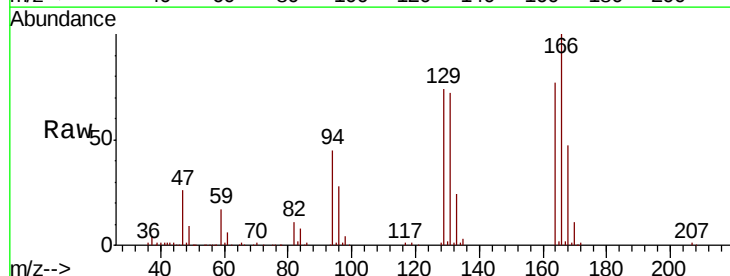
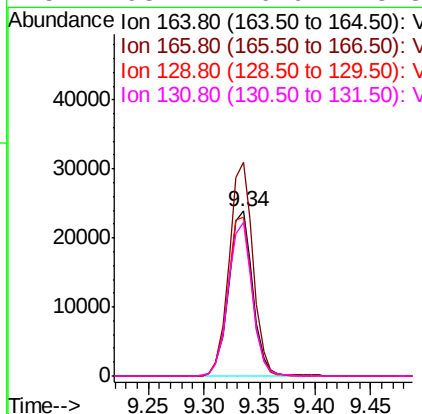
Manual Integrations
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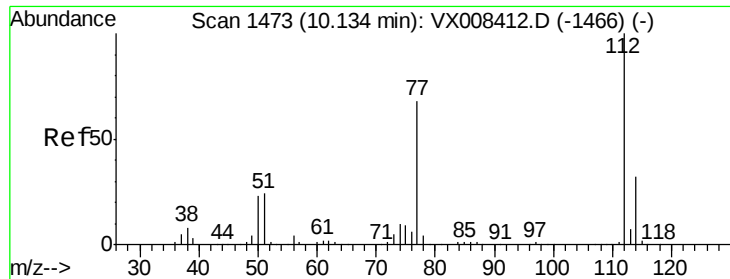
MMDadoda
4/2/2019 9:19:35 AM



#64
Tetrachloroethene
Concen: 18.623 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.5	153.7
129	96.3	77.8	116.8
131	93.1	76.9	115.3





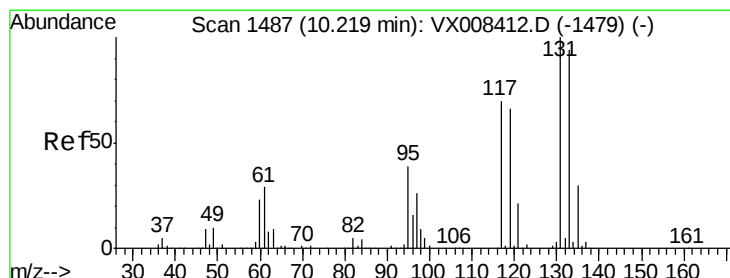
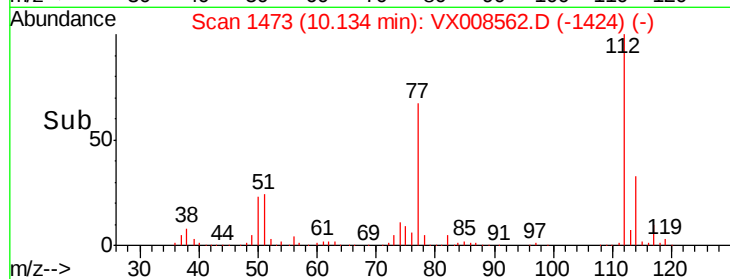
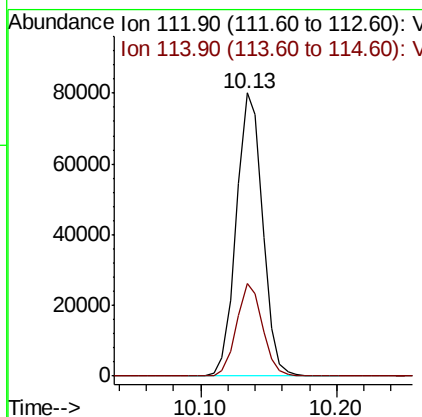
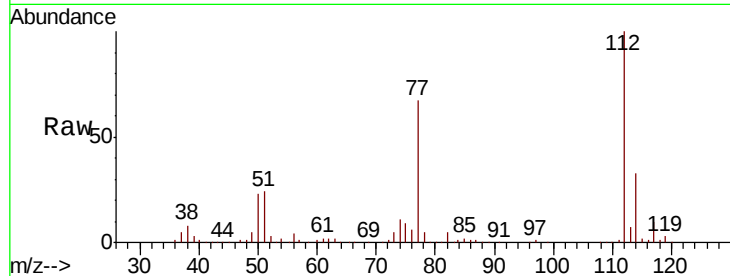
#65
Chlorobenzene
Concen: 17.663 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion:112 Resp: 108145
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

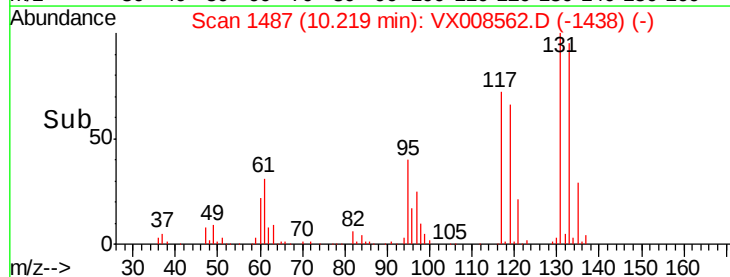
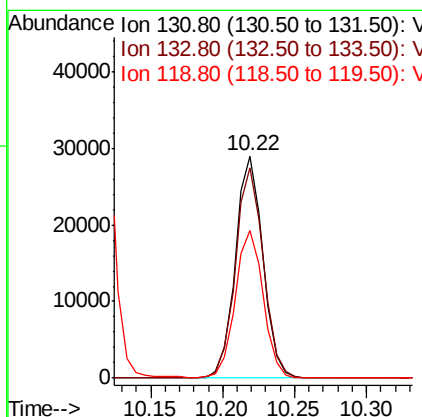
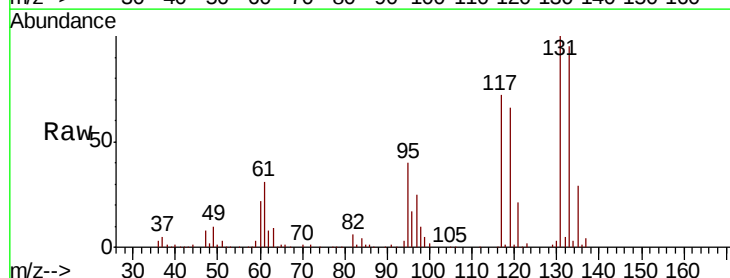
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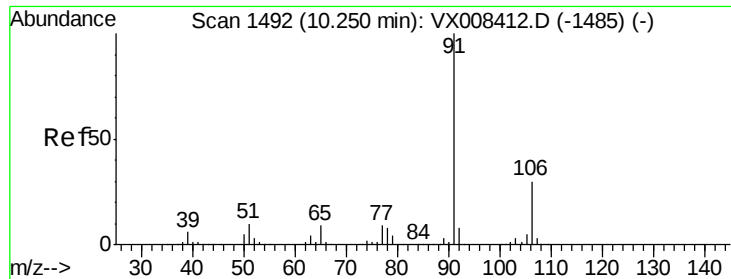
MMDadoda
4/2/2019 9:19:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.235 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion:131 Resp: 38518
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 67.9 33.6 100.6





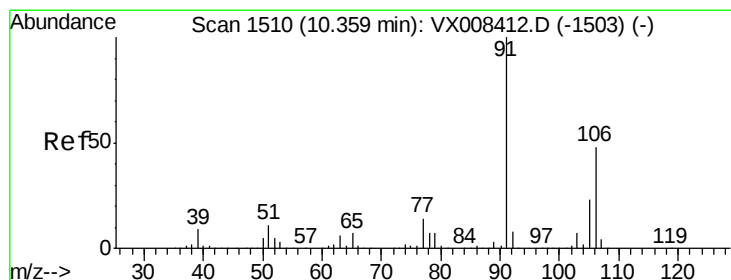
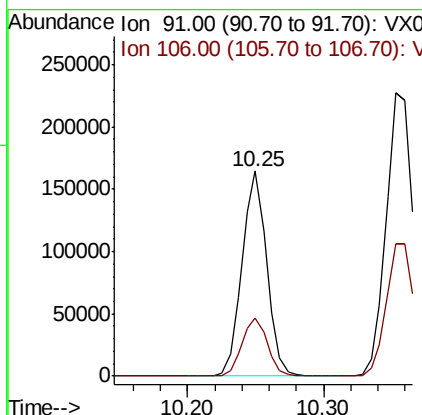
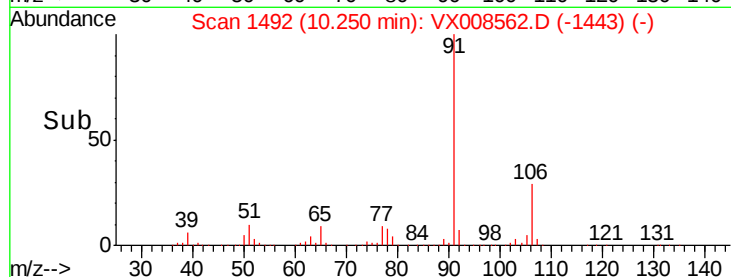
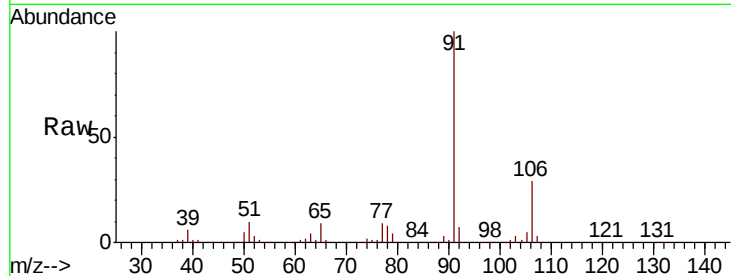
#67
Ethyl Benzene
Concen: 18.022 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion: 91 Resp: 208244
Ion Ratio Lower Upper
91 100
106 28.6 24.0 36.0

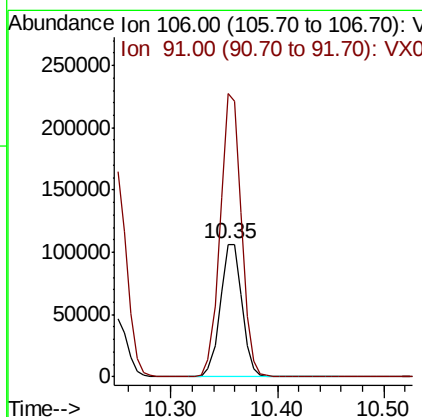
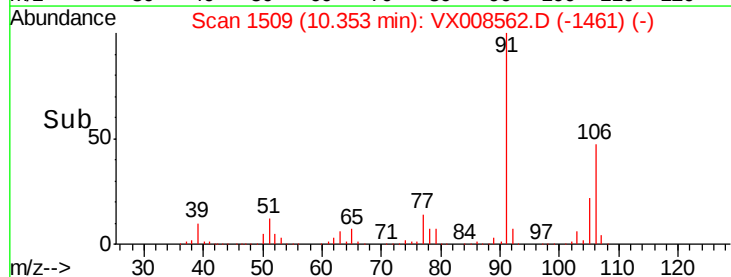
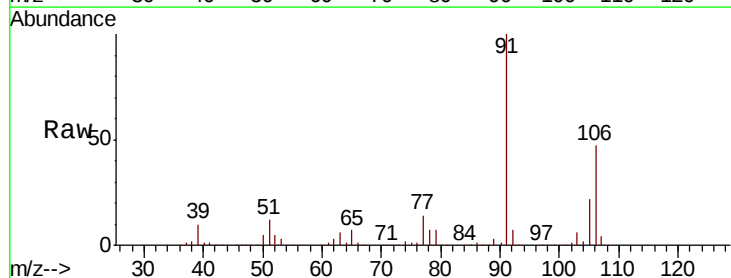
Manual Integrations
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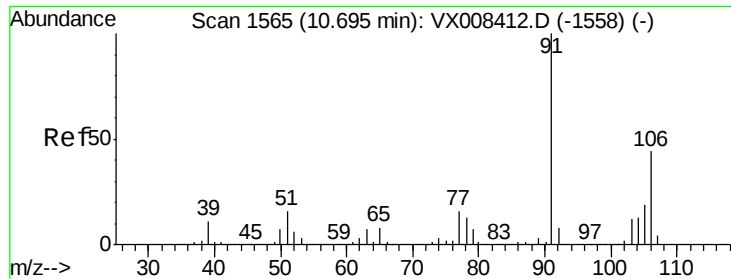
MMDadoda
4/2/2019 9:19:35 AM



#68
m/p-Xylenes
Concen: 35.973 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 106 Resp: 151217
Ion Ratio Lower Upper
106 100
91 208.8 168.6 253.0





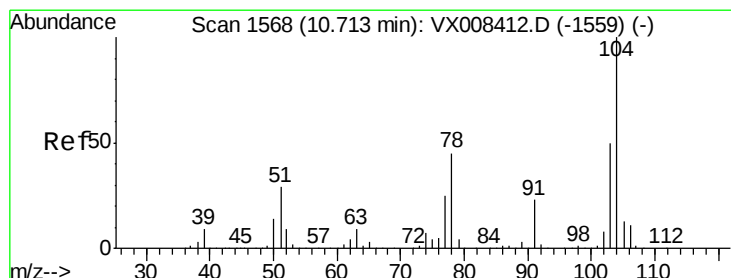
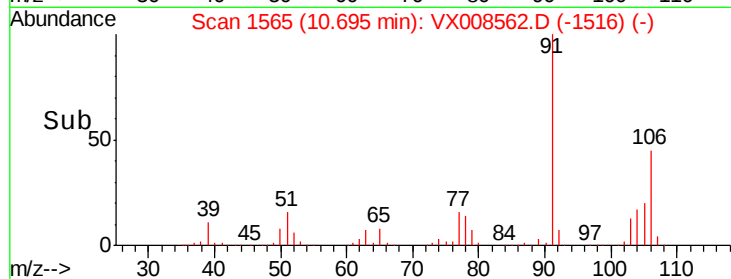
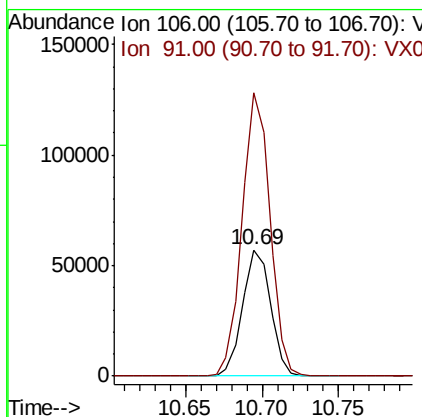
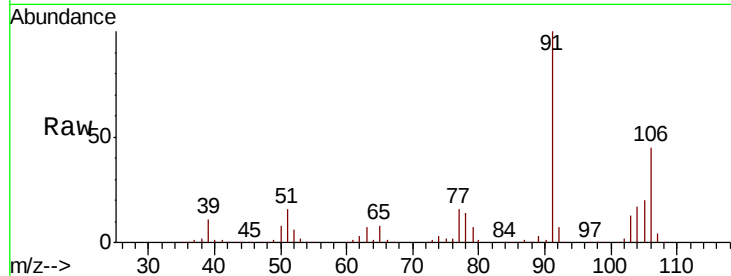
#69
o-Xylene
Concen: 17.939 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0401WBS01

Tot Ion:106 Resp: 73178
Ion Ratio Lower Upper
106 100
91 222.8 111.4 334.2

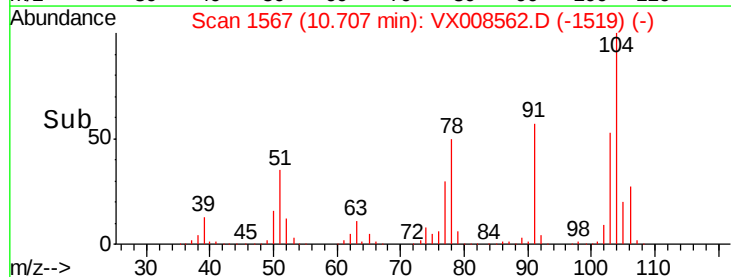
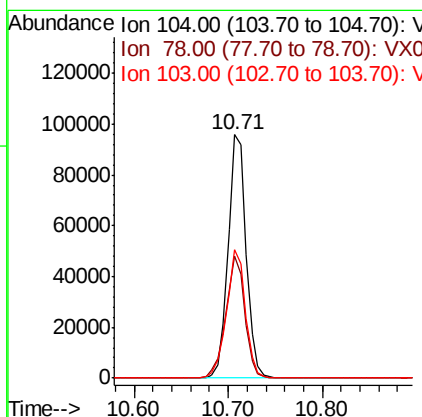
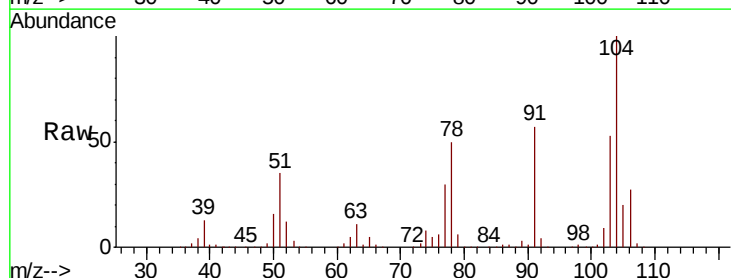
Manual Integrations
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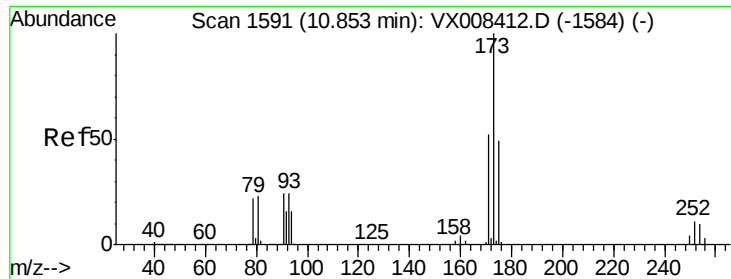
MMDadoda
4/2/2019 9:19:35 AM



#70
Styrene
Concen: 18.085 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion:104 Resp: 127435
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.0 44.2 66.4





#71

Bromoform

Concen: 17.698 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

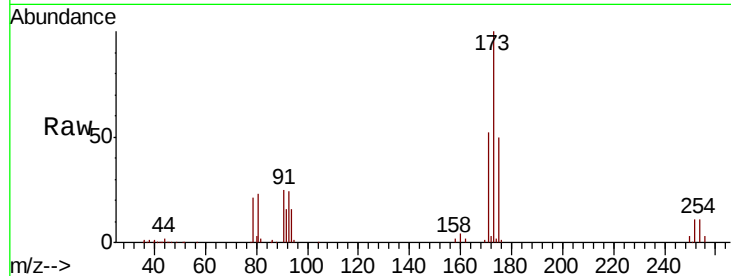
ClientSampleId :

VX0401WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.2	0.2

Manual Integrations
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MMDadoda
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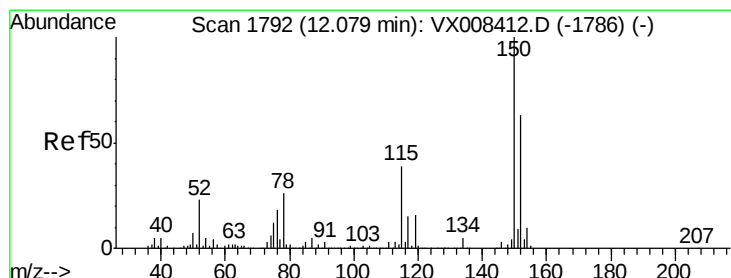
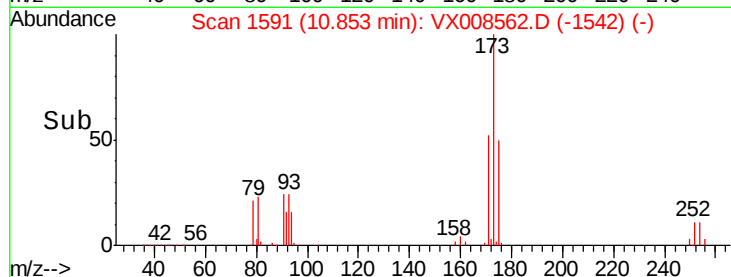
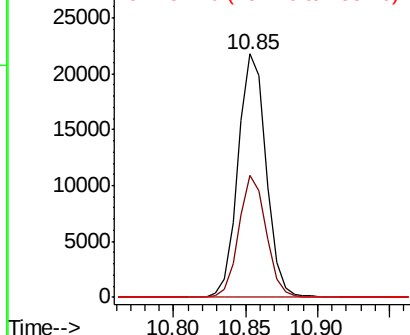


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

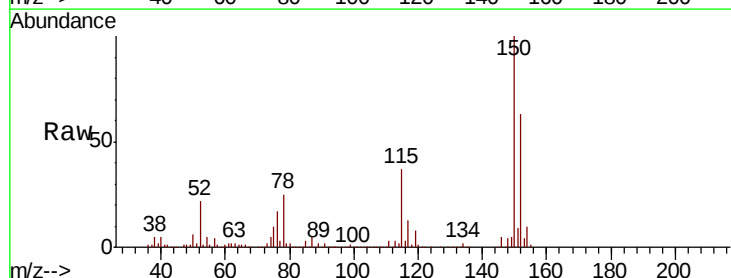
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	43.5	130.5
150	163.2	0.0	348.8

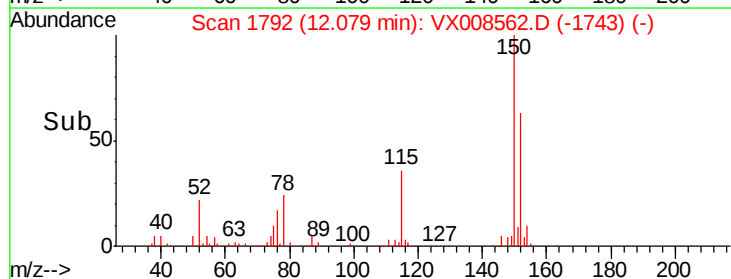
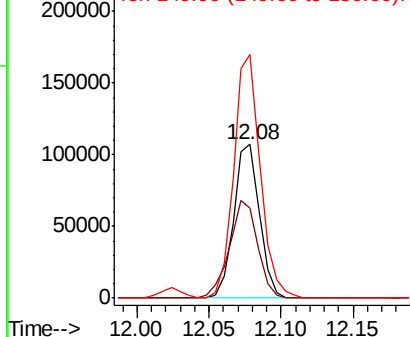


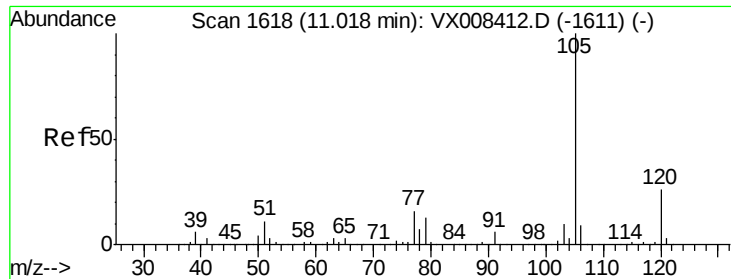
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.028 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 105 Resp: 196606

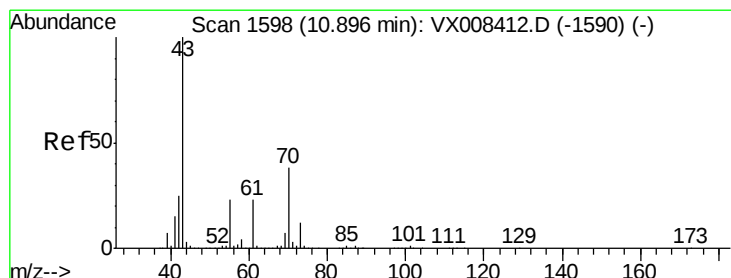
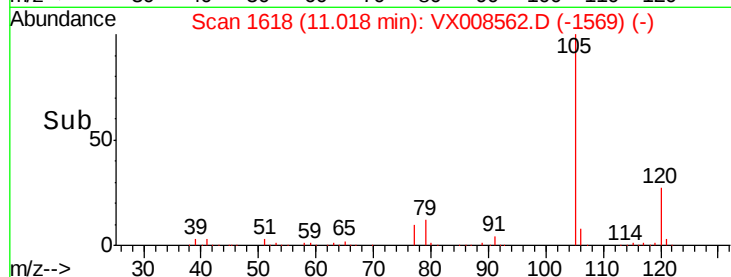
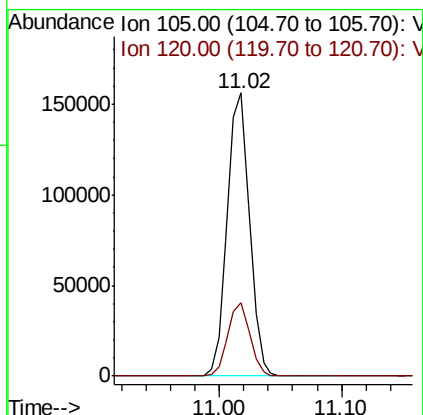
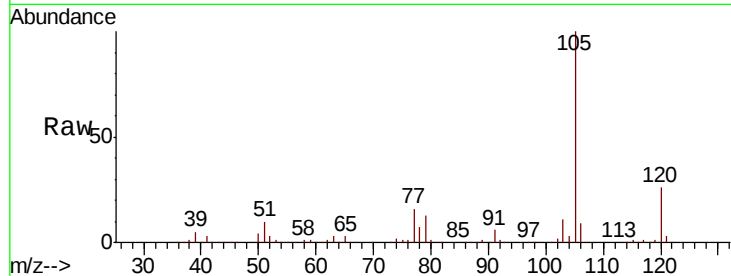
Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7

Manual Integrations
APPROVED

MMDadoda
4/2/2019 9:19:35 AM



#74

N-ethyl acetate

Concen: 17.736 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion: 43 Resp: 111952

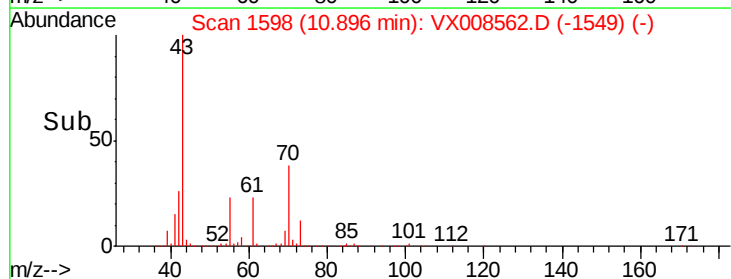
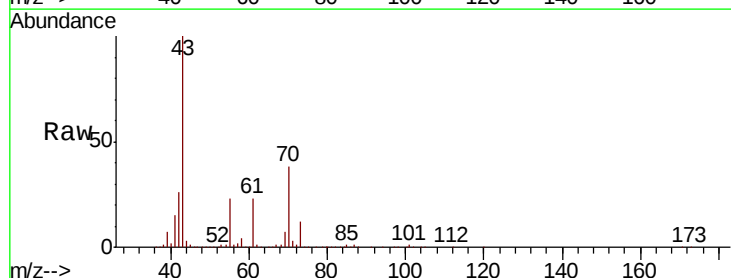
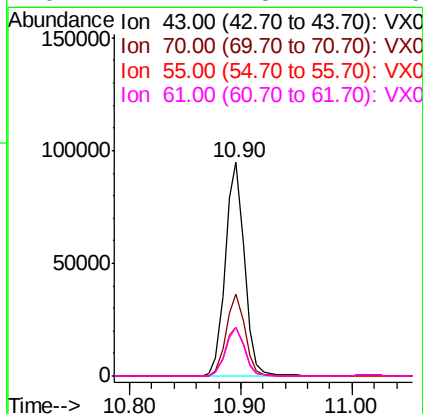
Ion Ratio Lower Upper

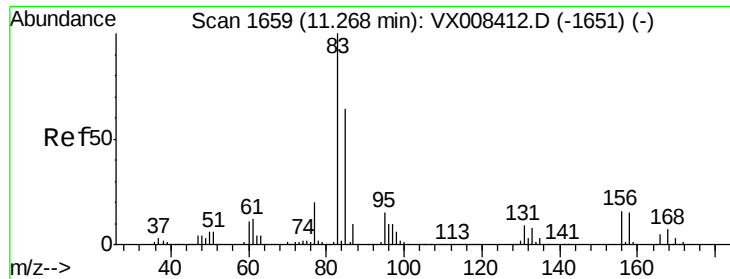
43 100

70 38.1 30.5 45.7

55 23.2 18.2 27.2

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

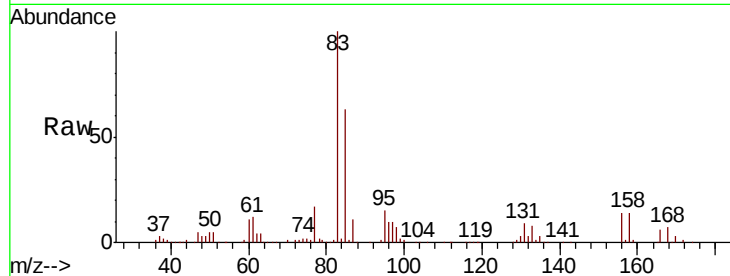
ClientSampleId :

VX0401WBS01

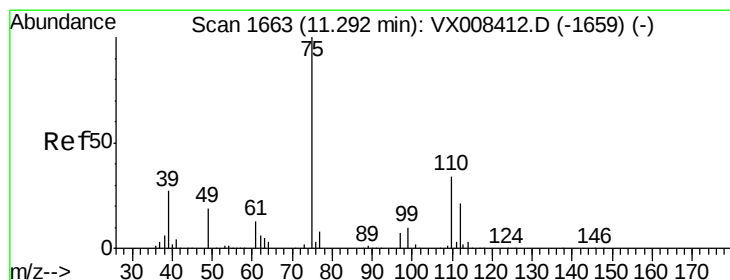
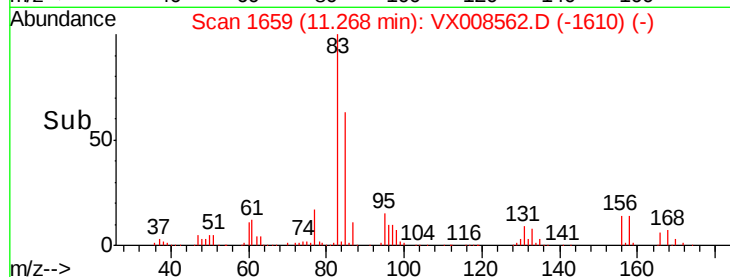
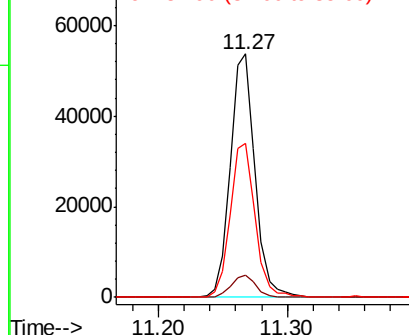
Tot Ion:	83	Resp:	72336
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.4
85	64.0	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 15.716 ug/l m

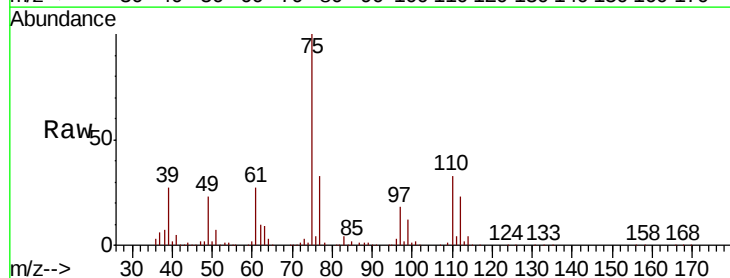
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

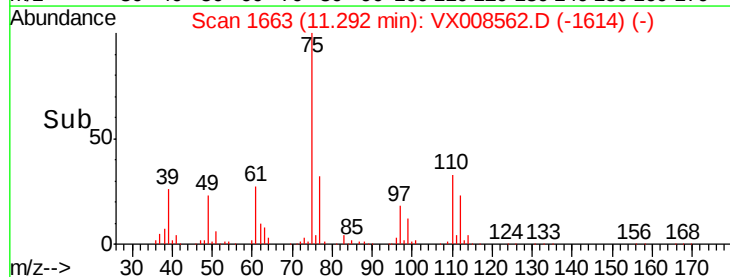
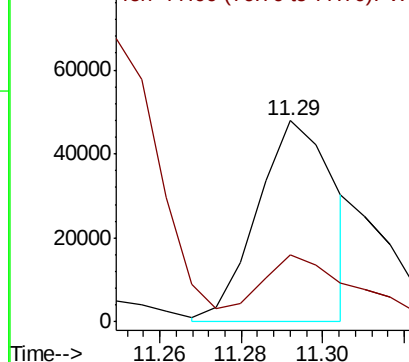
Lab File: VX008562.D

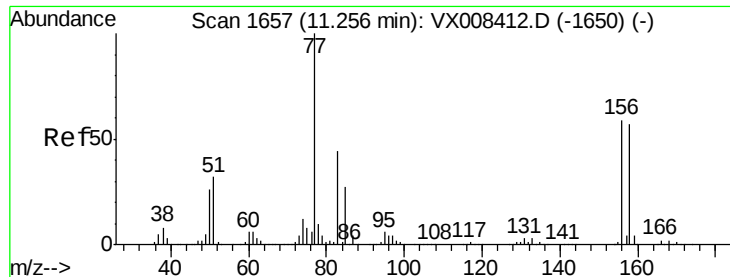
Acq: 01 Apr 2019 12:29

Tgt Ion:	75	Resp:	62632
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.544 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion:156 Resp: 46434

Ion Ratio Lower Upper

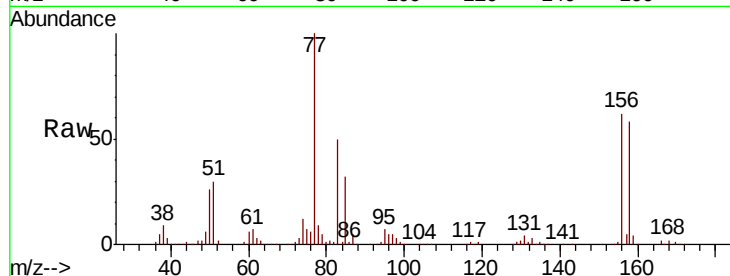
156 100

77 180.2 91.1 273.3

158 95.2 48.3 144.8

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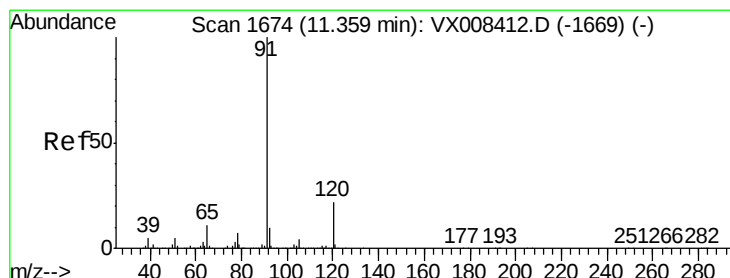
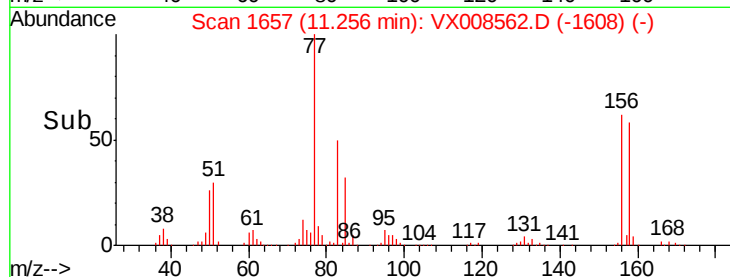
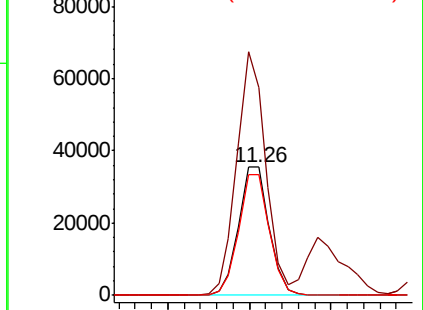
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.060 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008562.D

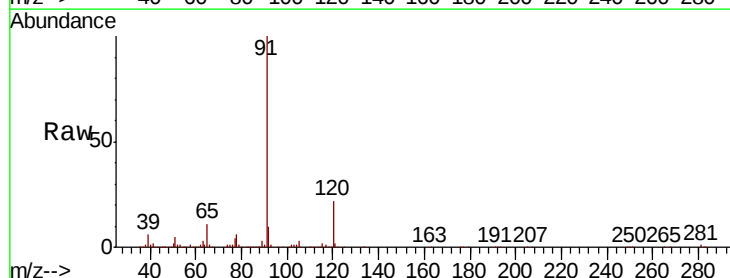
Acq: 01 Apr 2019 12:29

Tgt Ion: 91 Resp: 230713

Ion Ratio Lower Upper

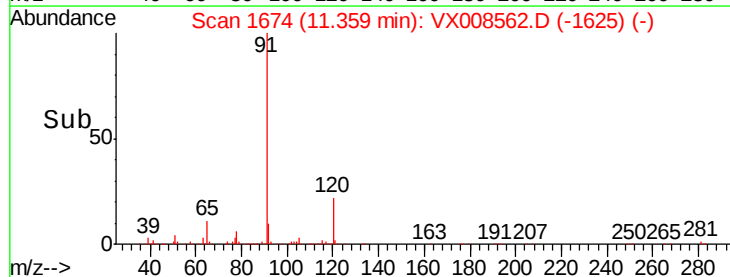
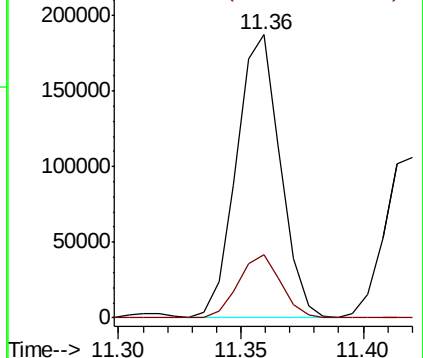
91 100

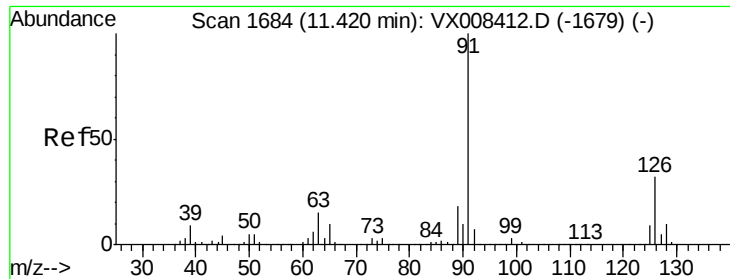
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





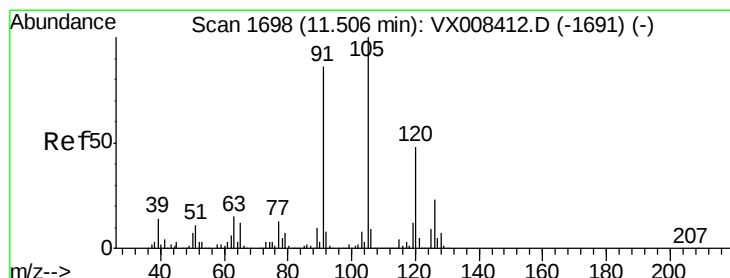
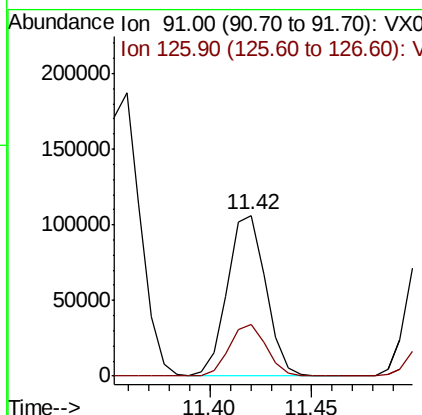
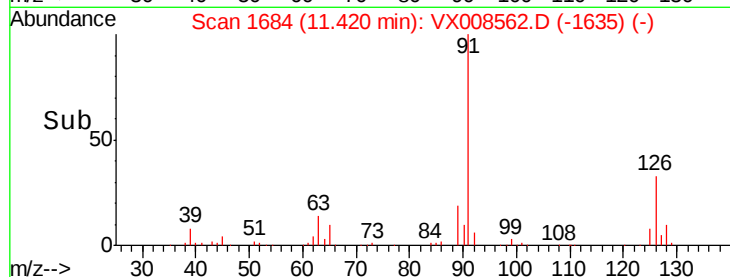
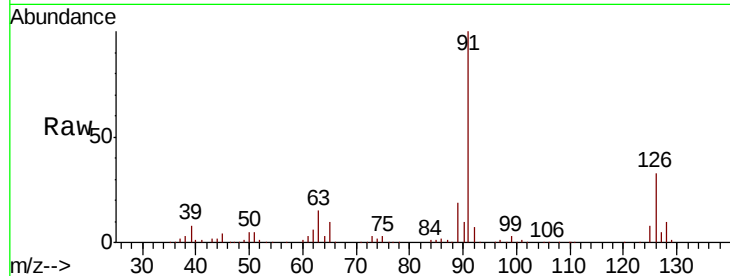
#79
2-Chlorotoluene
Concen: 17.724 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion: 91 Resp: 137722
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1

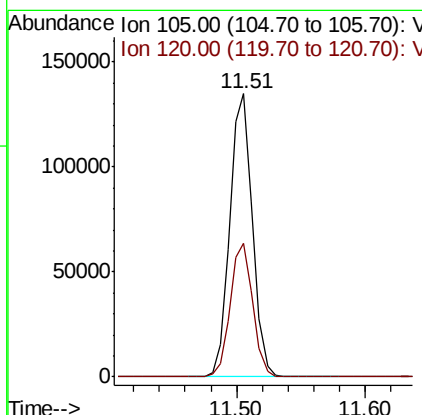
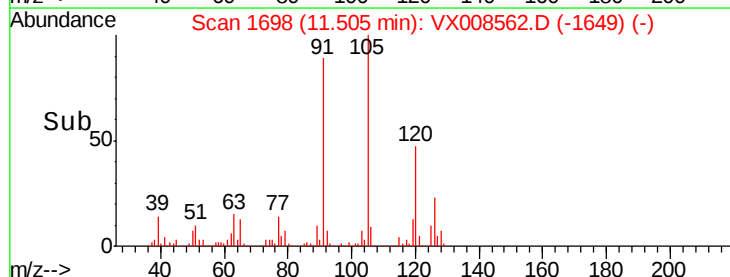
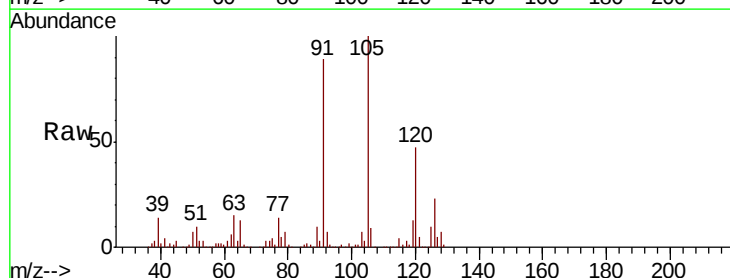
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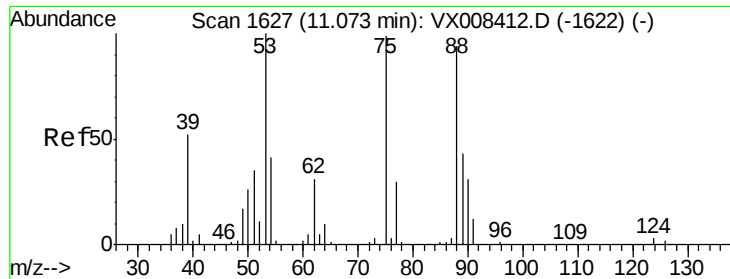
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#80
1,3,5-Trimethylbenzene
Concen: 17.946 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion: 105 Resp: 165455
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.588 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0401WBS01

Tot Ion: 75 Resp: 21883

Ion Ratio Lower Upper

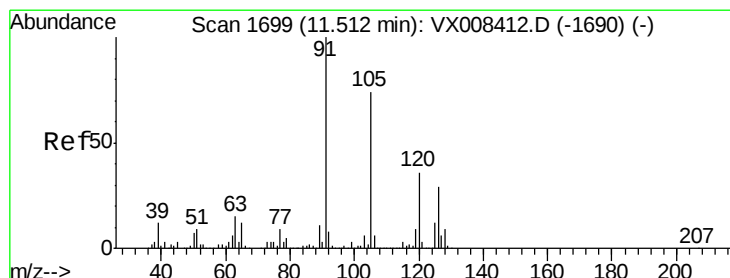
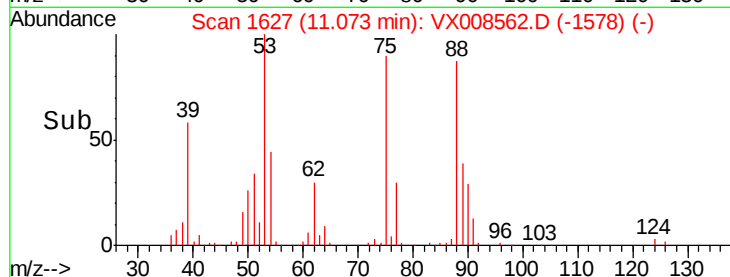
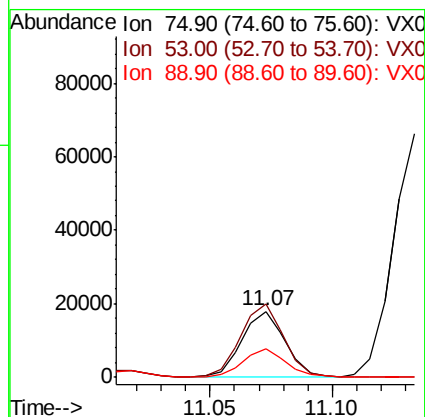
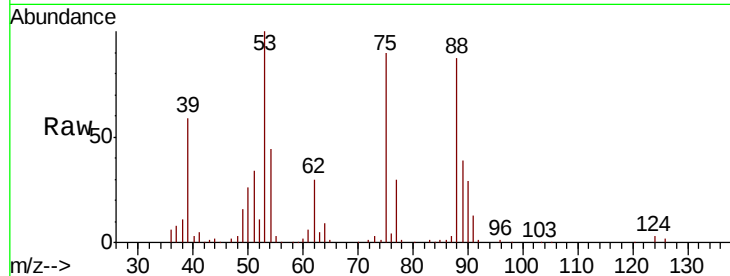
75 100

53 110.8 82.1 123.1

89 45.3 34.6 52.0

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#82

4-Chlorotoluene

Concen: 17.642 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008562.D

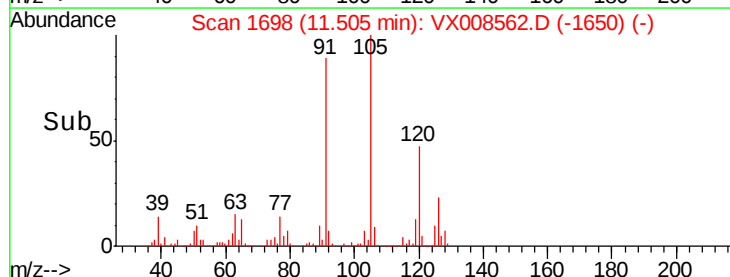
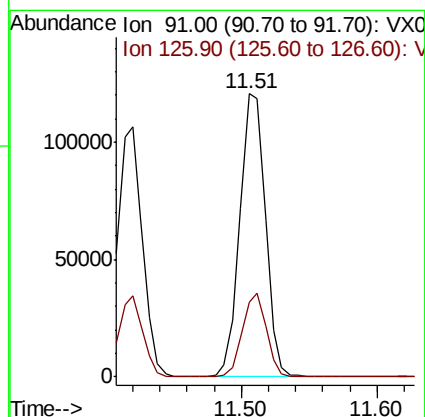
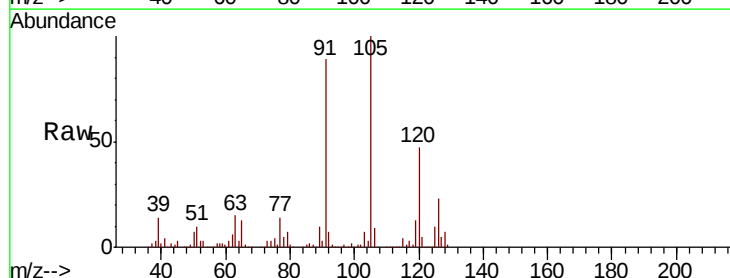
Acq: 01 Apr 2019 12:29

Tgt Ion: 91 Resp: 158121

Ion Ratio Lower Upper

91 100

126 27.7 13.9 41.7





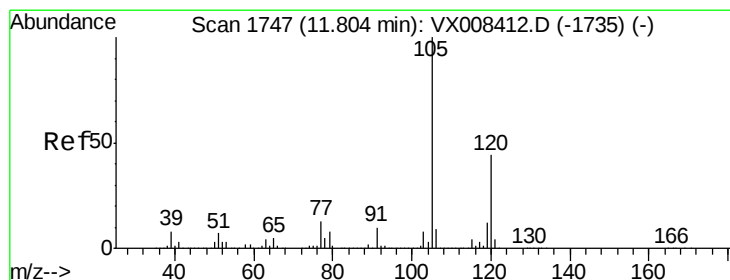
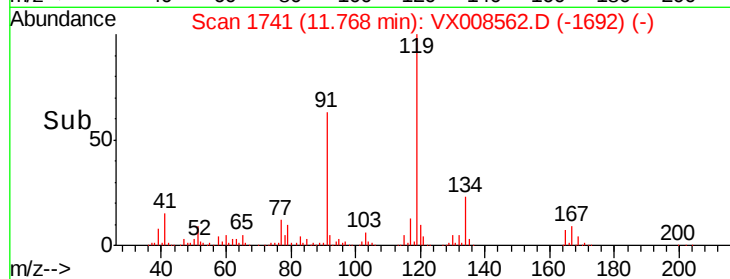
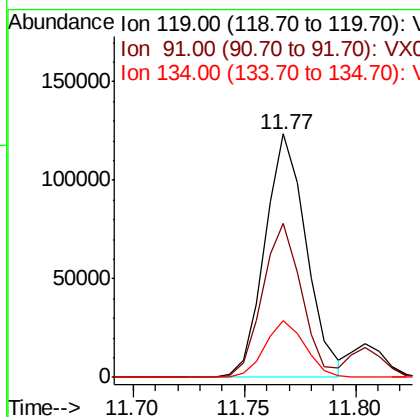
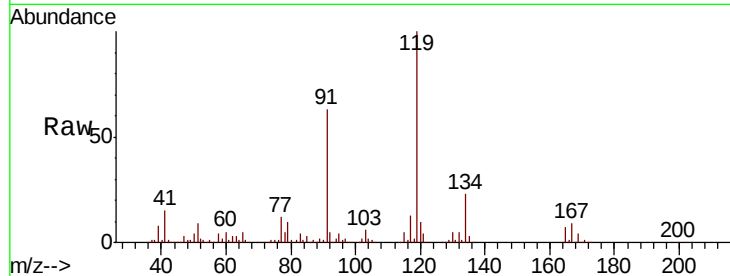
#83
 tert-Butylbenzene
 Concen: 17.932 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159507		
91	60.6	30.1	90.3	
134	22.5	10.9	32.9	

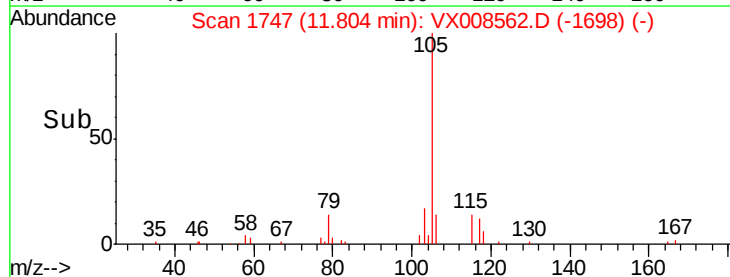
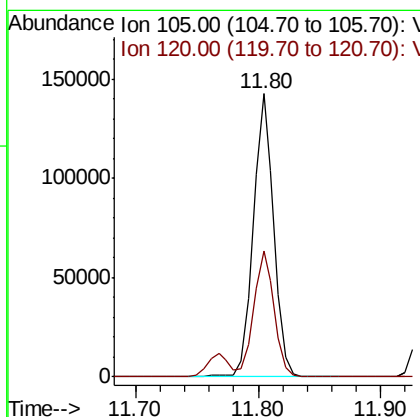
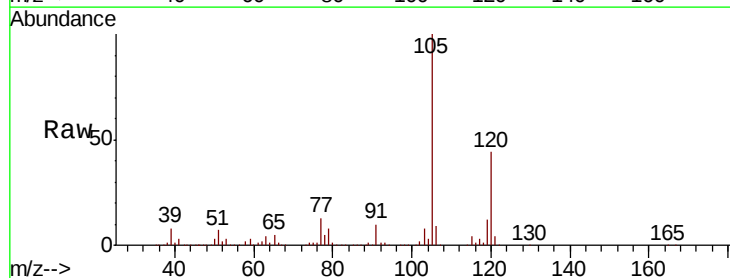
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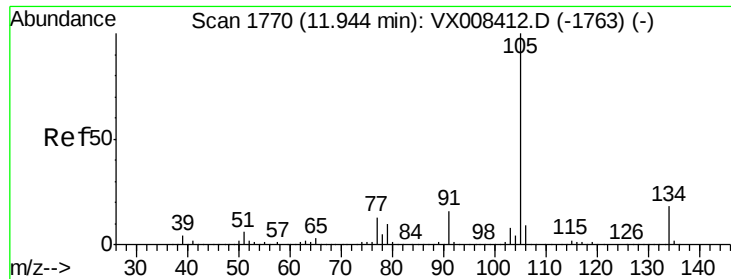
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.861 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166561		
120	44.6	21.6	65.0	





#85

sec-Butylbenzene

Concen: 18.339 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion:105 Resp: 194267

Ion Ratio Lower Upper

105 100

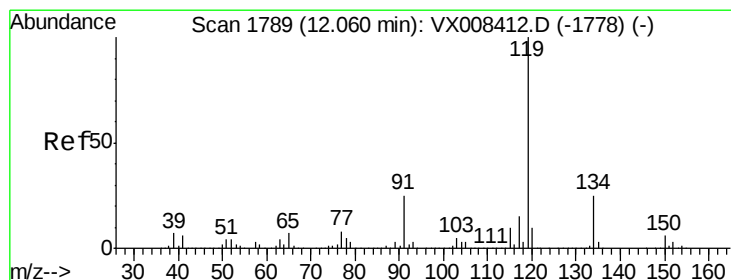
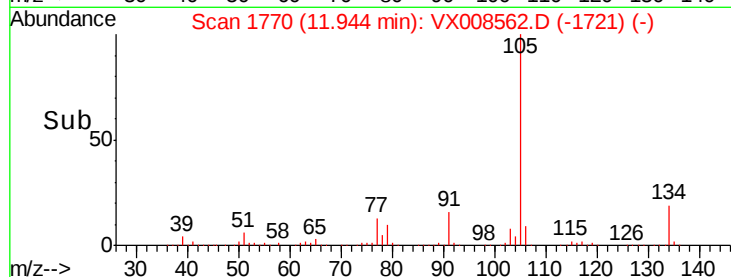
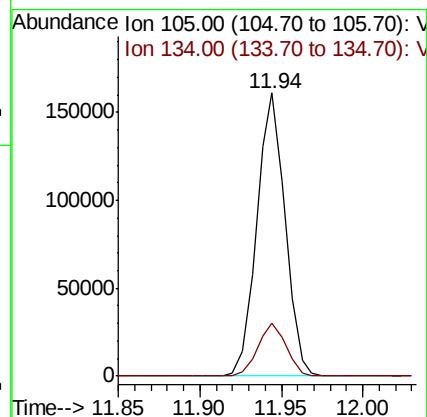
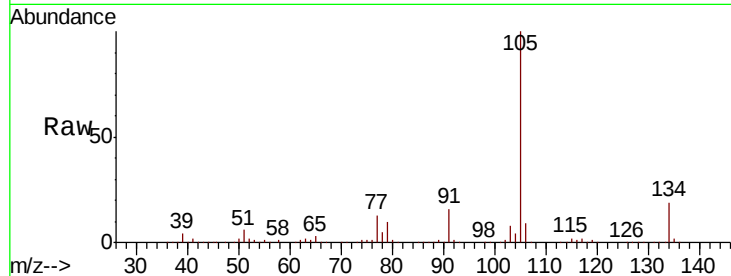
134 18.8 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 18.459 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

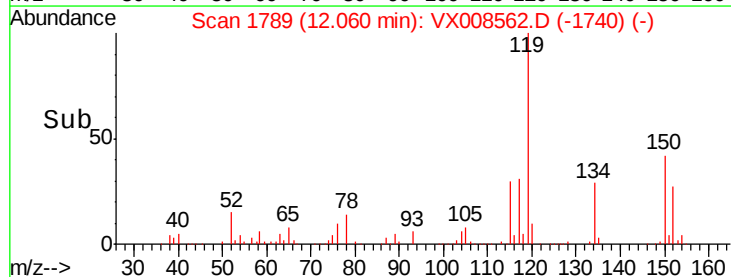
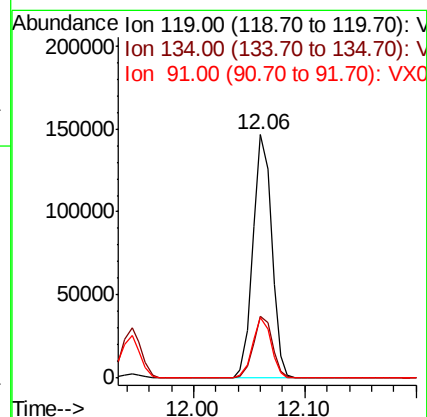
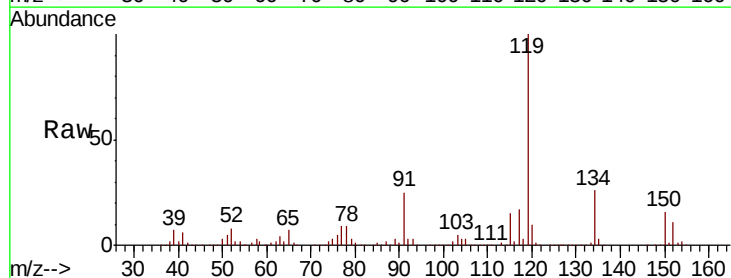
Tgt Ion:119 Resp: 172539

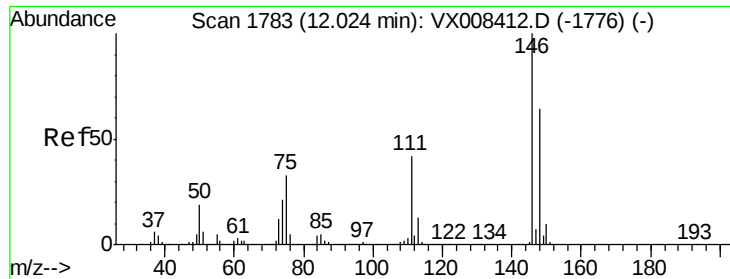
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 17.664 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

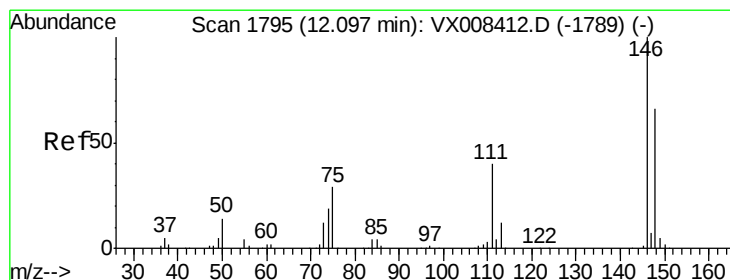
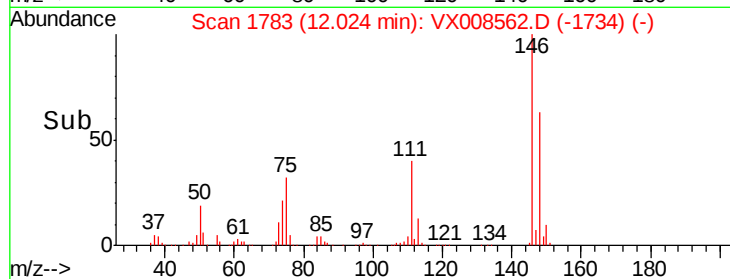
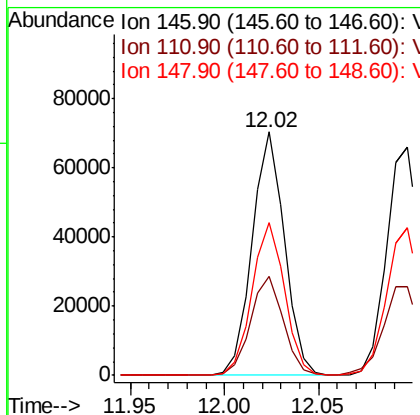
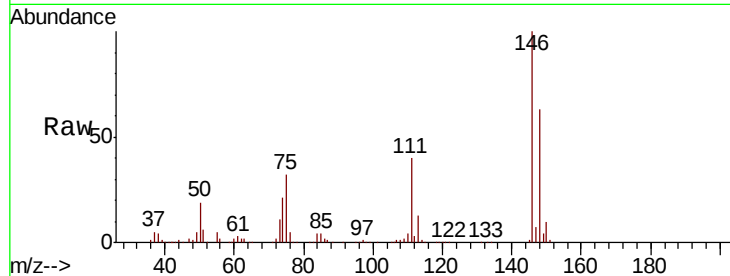
ClientSampleId :

VX0401WBS01

Tot Ion:	146	Resp:	83533
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	63.4	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 17.591 ug/l

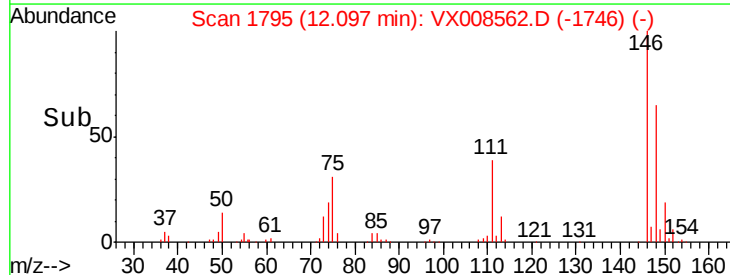
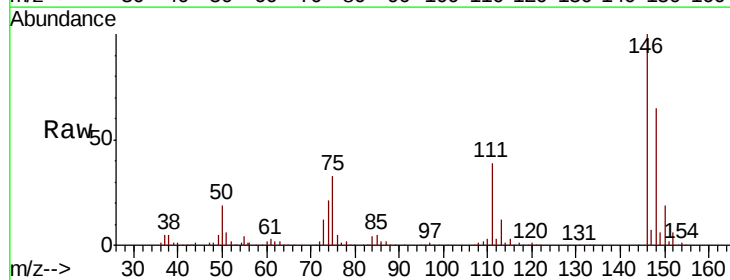
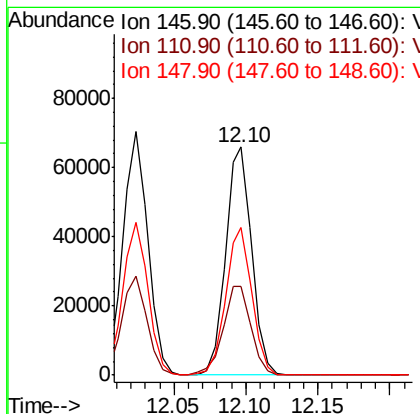
RT: 12.10 min Scan# 1795

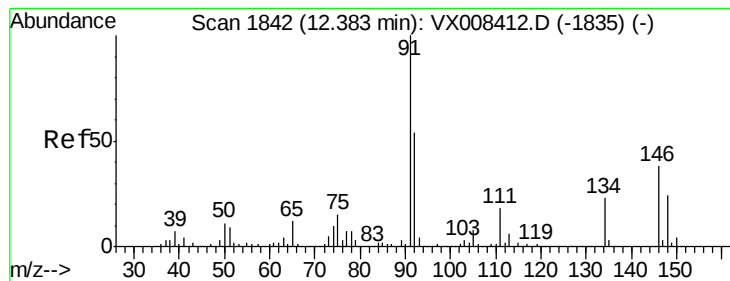
Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Tgt Ion:	146	Resp:	83955
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	65.0	32.1	96.5





#89

n-Butylbenzene

Concen: 18.290 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008562.D

Acq: 01 Apr 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBS01

Tot Ion: 91 Resp: 161950

Ion Ratio Lower Upper

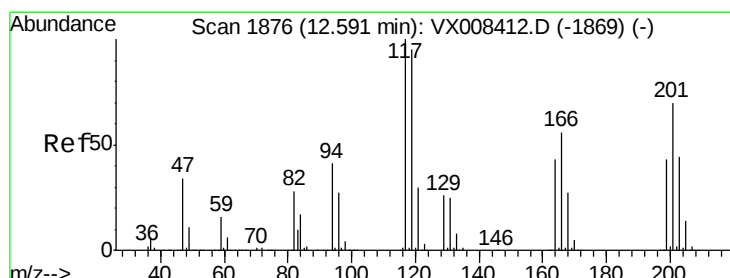
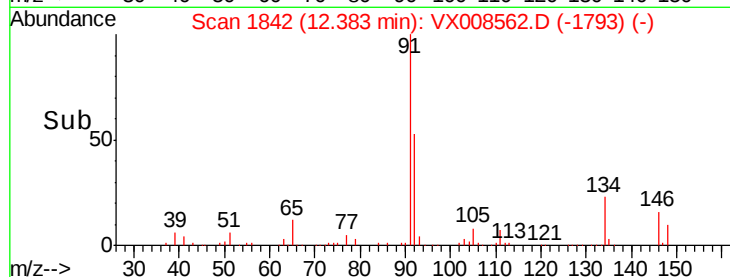
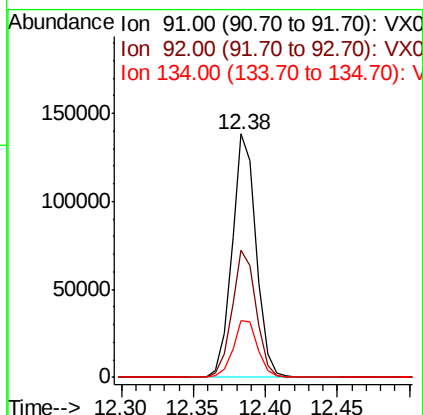
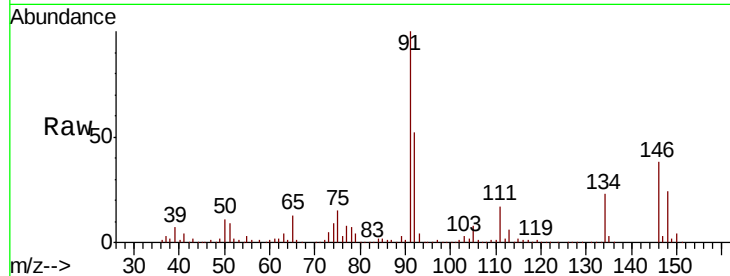
91 100

92 52.5 26.5 79.5

134 23.6 11.8 35.4

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#90

Hexachloroethane

Concen: 17.943 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008562.D

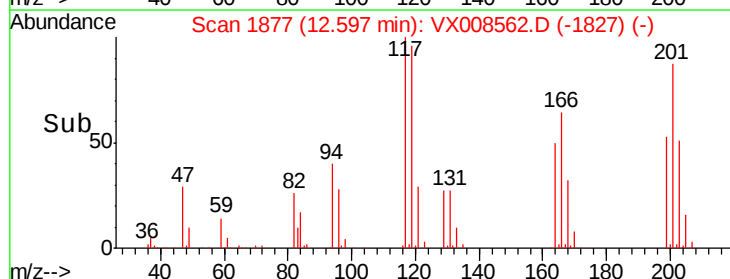
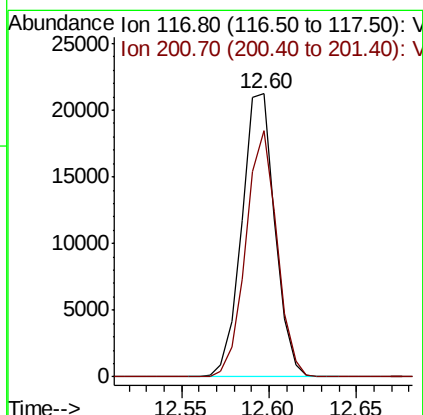
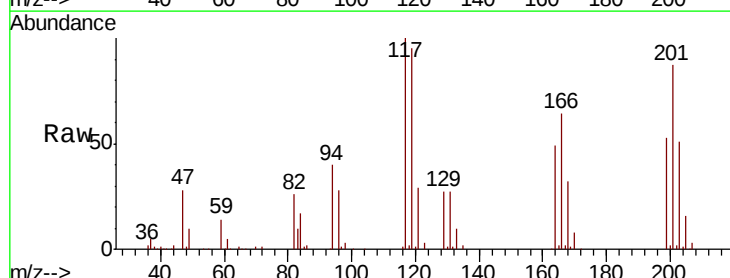
Acq: 01 Apr 2019 12:29

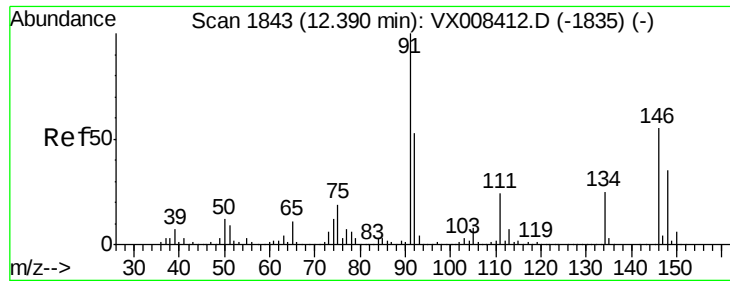
Tgt Ion: 117 Resp: 27941

Ion Ratio Lower Upper

117 100

201 81.6 39.4 118.1





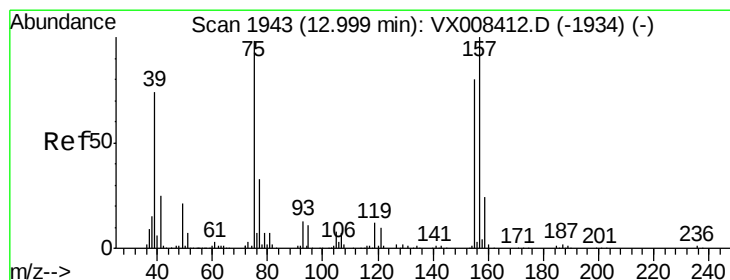
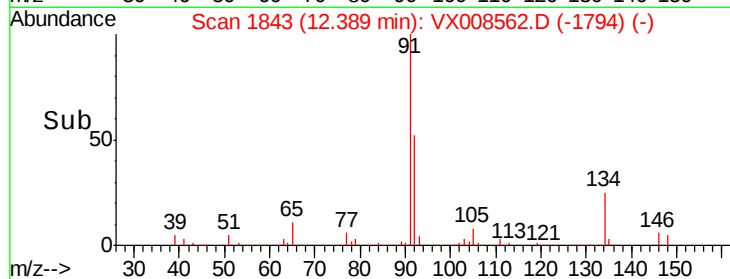
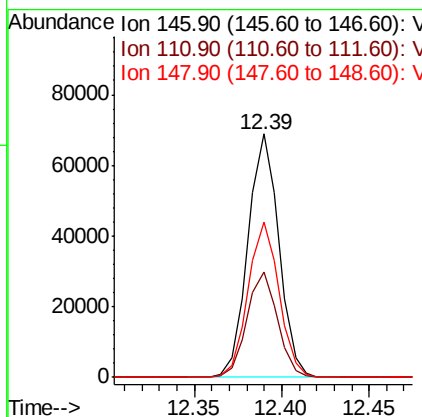
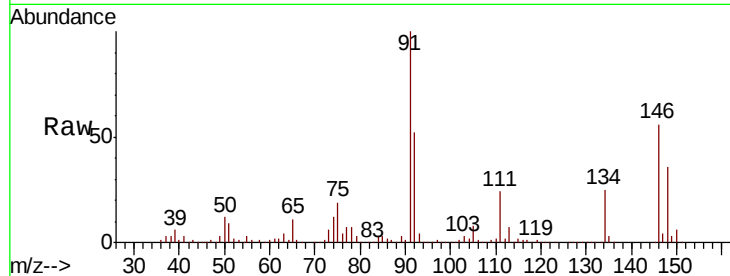
#91
 1,2-Dichlorobenzene
 Concen: 17.852 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX0401WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	64.0	31.9	95.7

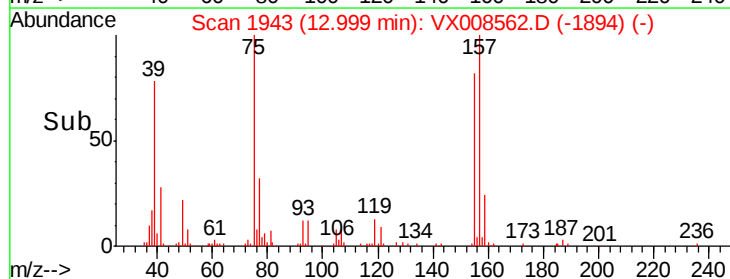
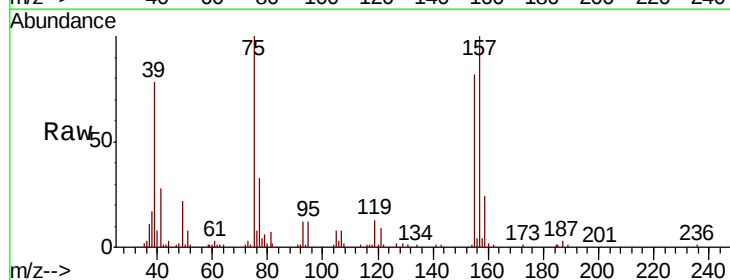
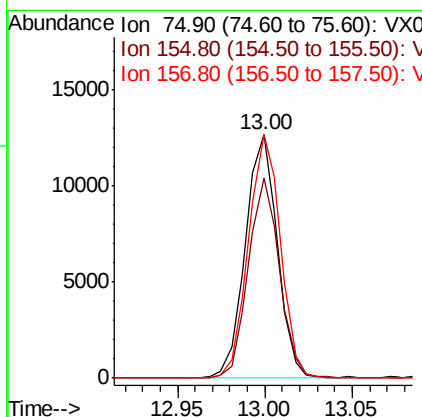
Manual Integrations
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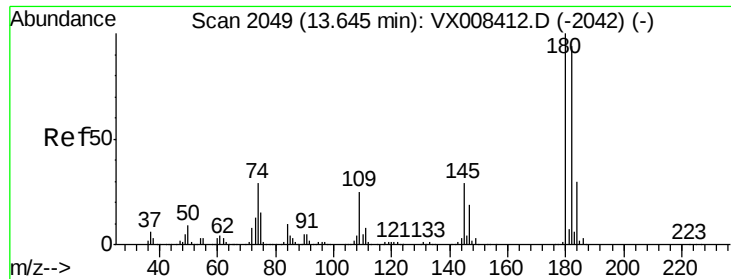
MMDadoda
 4/2/2019 9:19:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.423 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.5	118.5
157	100.2	49.9	149.7





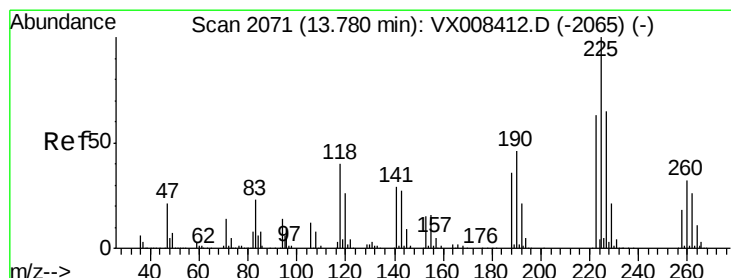
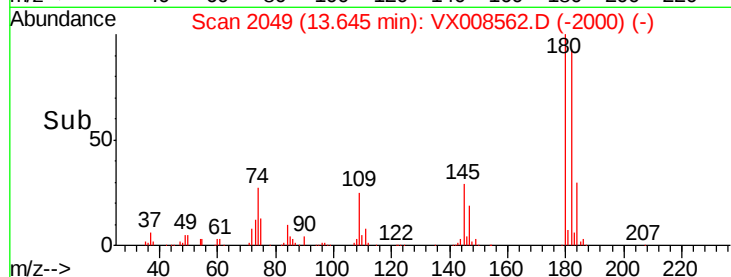
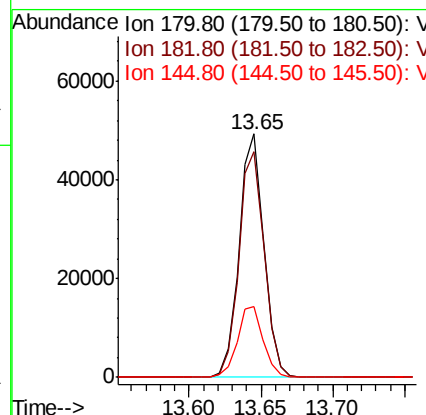
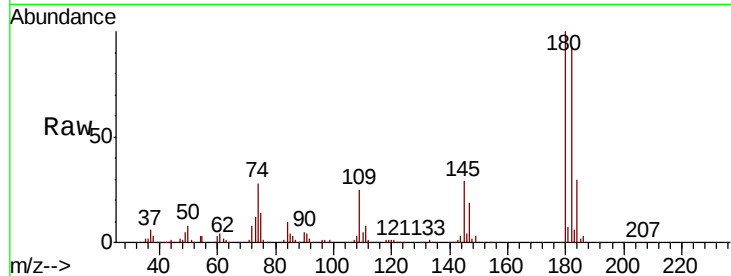
#93
 1,2,4-Trichlorobenzene
 Concen: 18.585 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59255		
182	94.9		47.3	142.0
145	30.2		15.3	45.8

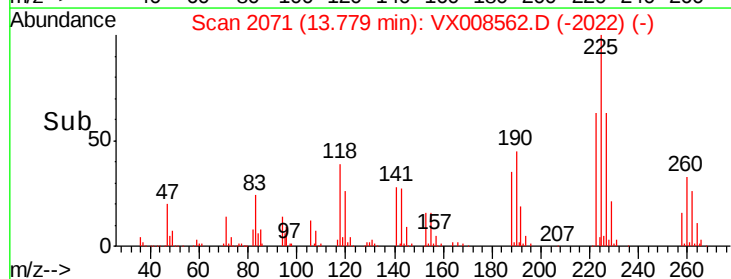
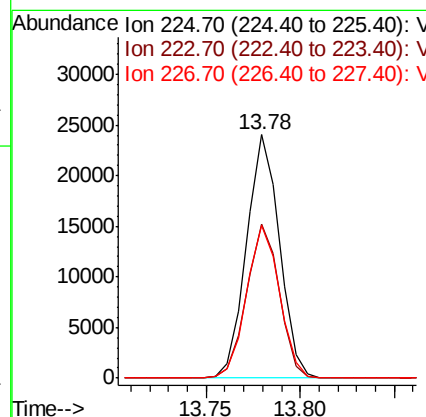
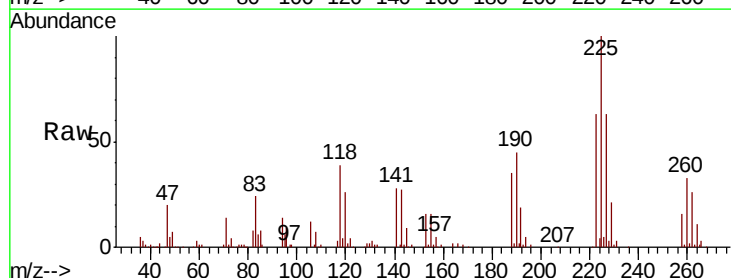
Manual Integrations
 APPROVED

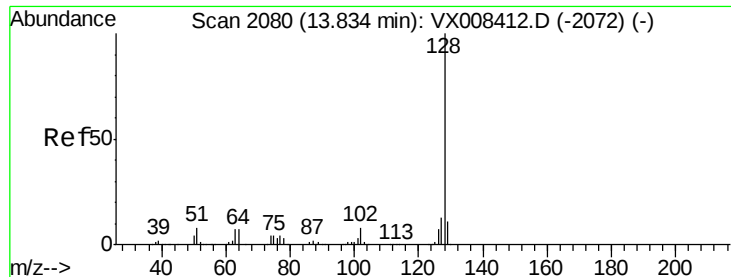
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 4/2/2019 9:19:35 AM



#94
 Hexachlorobutadiene
 Concen: 19.237 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008562.D
 Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29123		
223	62.6		31.4	94.0
227	62.7		31.9	95.9





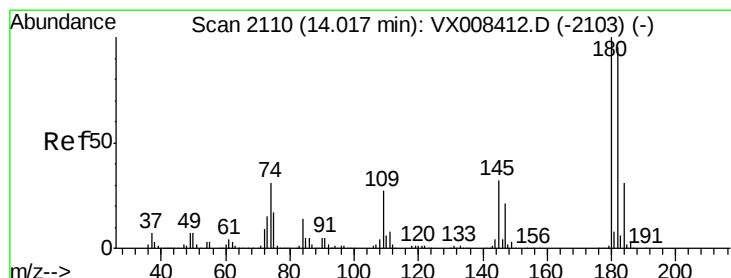
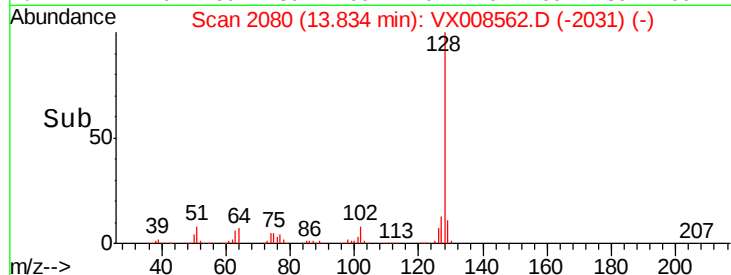
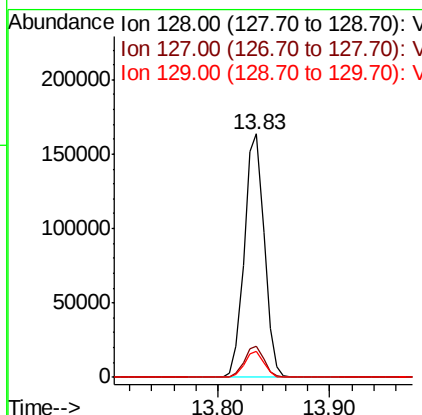
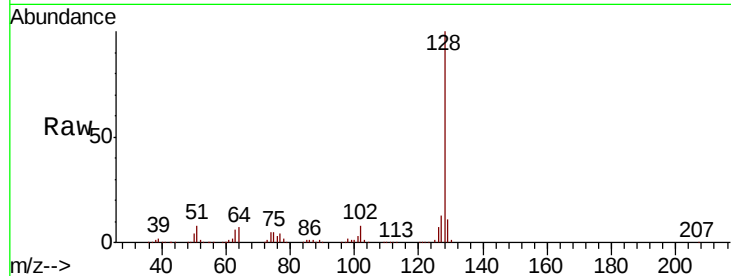
#95
Naphthalene
Concen: 18.571 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.904 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008562.D
Acq: 01 Apr 2019 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	31.6	16.2	48.5

