

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026450.D
 Acq On : 14 Jan 2022 13:01
 Operator : JC/MD
 Sample : N1150-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220112014-02-VOA

Quant Time: Jan 17 05:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.904	128	16785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	93776	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80096	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	40504	30.010	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%			
60) 4-Bromofluorobenzene	11.085	95	39566	29.599	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.667%			
63) Toluene-d8	8.653	98	109500	29.759	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	90	0.205	ug/l #	81
8) Diethyl Ether	2.136	74	1073	1.943	ug/l	76
11) Methyl Iodide	2.459	142	335	0.342	ug/l #	63
13) Acrolein	2.520	56	135	0.689	ug/l #	13
15) Acetone	2.386	58	577	3.484	ug/l #	59
16) Carbon Disulfide	2.520	76	696	0.273	ug/l #	75
17) Allyl chloride	2.654	41	2436	1.403	ug/l #	40
23) tert-Butyl Alcohol	2.965	59	716384	3746.009	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	7801	2.325	ug/l #	88
25) Chloroform	5.105	83	591	0.307	ug/l #	74
30) 2-Butanone	4.574	43	37789	44.927	ug/l #	71
31) 2,2-Dichloropropane	4.574	77	45140	30.090	ug/l #	54
34) Benzene	6.044	78	3754	0.935	ug/l #	87
35) Methacrylonitrile	5.013	41	69827	79.231	ug/l #	48
43) Ethyl Acetate	4.696	43	1666	1.089	ug/l #	63
44) Isopropyl Acetate	6.348	43	1192	0.472	ug/l #	57
45) 1,4-Dioxane	7.671	88	1663	85.002	ug/l #	39
46) Methyl methacrylate	7.903	41	2119	1.711	ug/l #	38
47) n-amyl Acetate	11.238	43	1470	0.778	ug/l	95
50) 1,1,2-Trichloroethane	9.080	97	209	0.211	ug/l #	17
56) Bromoform	11.085	173	350	0.489	ug/l #	1
58) 4-Methyl-2-Pentanone	8.580	43	9172	6.139	ug/l	92
59) 2-Hexanone	9.445	43	398	0.344	ug/l #	1
62) Toluene	8.720	91	2727	0.638	ug/l	98
64) Chlorobenzene	10.079	112	1276	0.492	ug/l #	84
67) m/p-Xylenes	10.305	106	3805	2.141	ug/l	98
68) o-Xylene	10.640	106	2985	1.731	ug/l	100
70) Isopropylbenzene	11.384	105	1344	0.291	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	875	0.226	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	140	0.364	ug/l #	4
79) tert-butylbenzene	11.969	119	2233	0.624	ug/l	71
80) 1,2,4-Trimethylbenzene	11.756	105	3419	0.896	ug/l	94
81) sec-Butylbenzene	11.756	105	3419	0.730	ug/l	57
83) 1,3-Dichlorobenzene	12.043	146	5267	2.673	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	5267	2.667	ug/l	98
87) 1,2-Dichlorobenzene	12.341	146	539	0.285	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	12.945	75	114	0.354	ug/l #	3
91) Naphthalene	13.780	128	2552	0.596	ug/l	97

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Quant Time: Jan 17 05:57:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

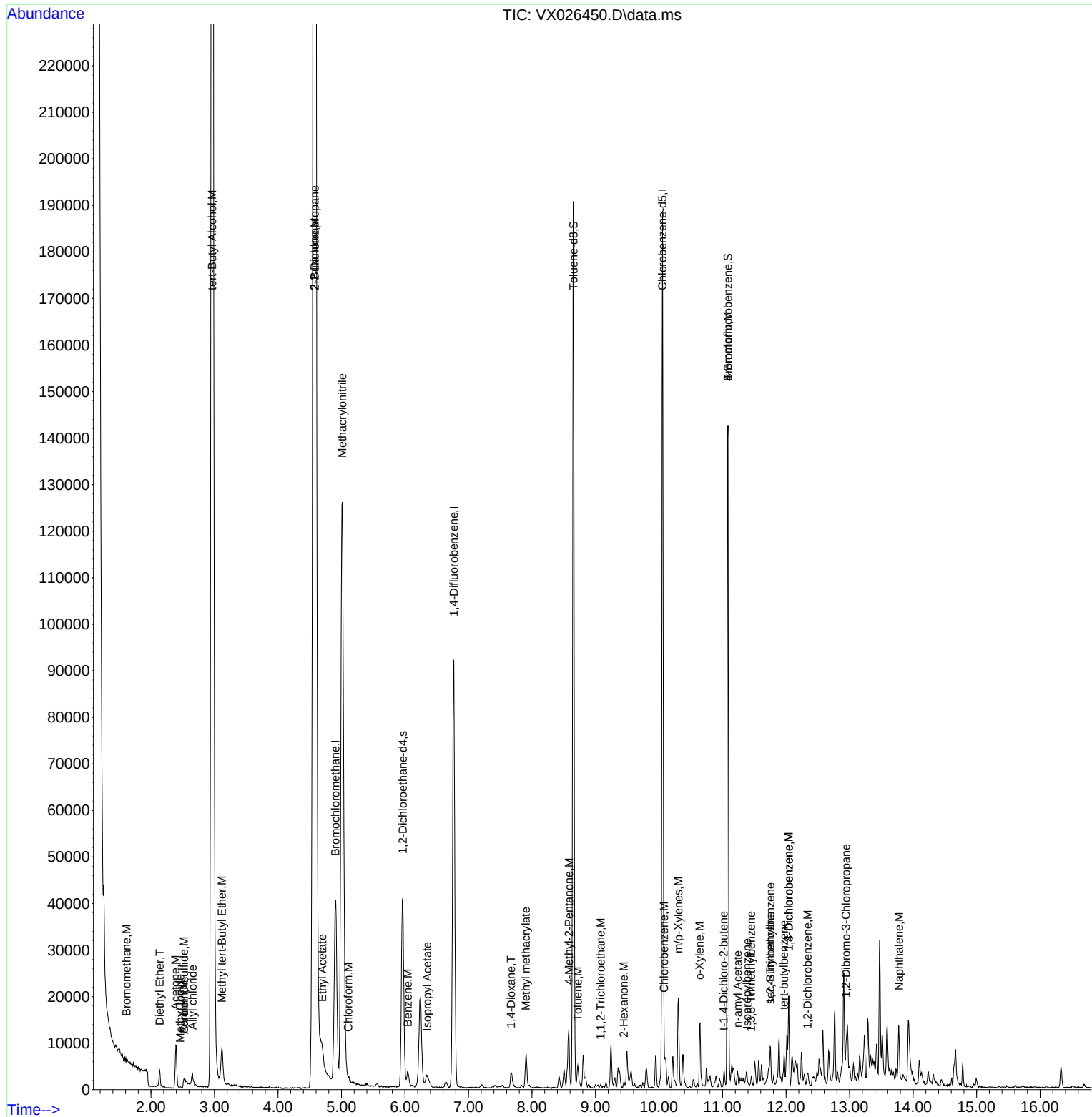
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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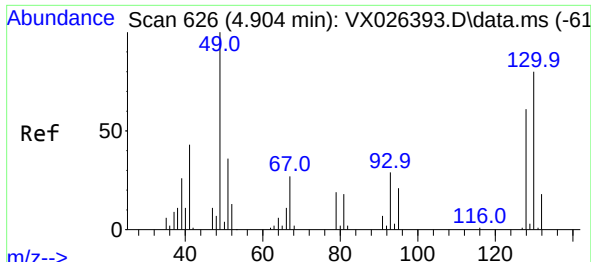
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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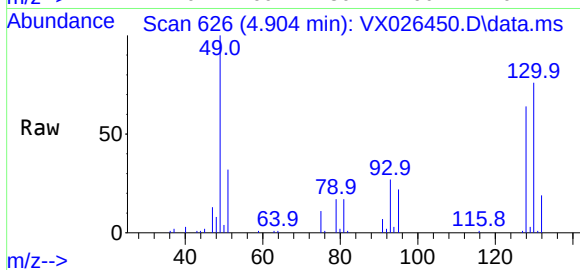
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
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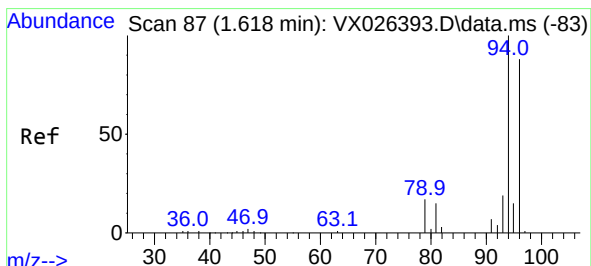
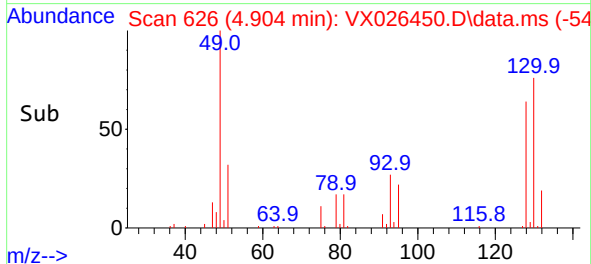
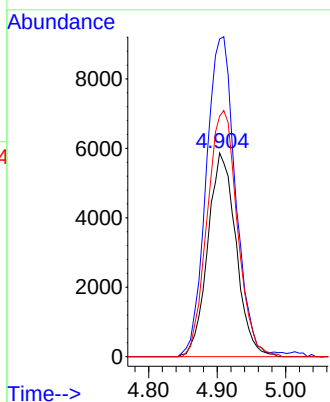


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

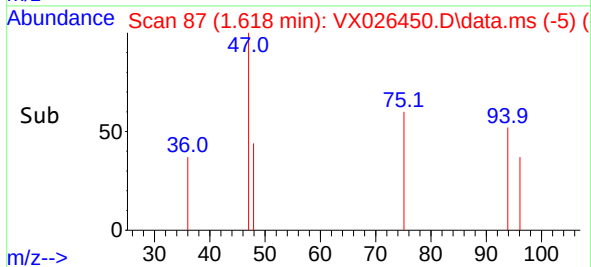
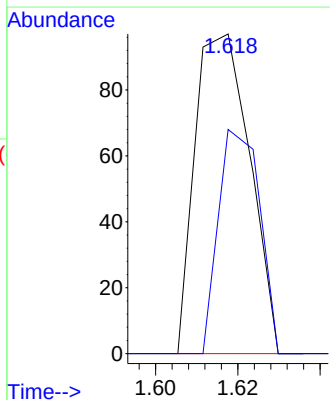
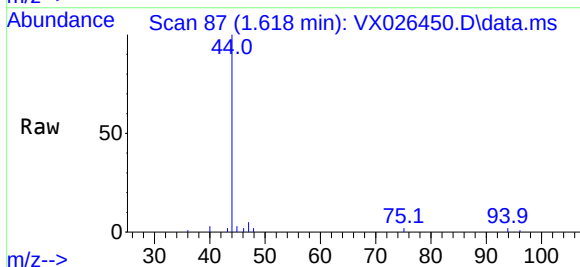


Tgt Ion:128 Resp: 16785
Ion Ratio Lower Upper
128 100
49 162.6 0.0 413.5
130 129.1 0.0 326.0

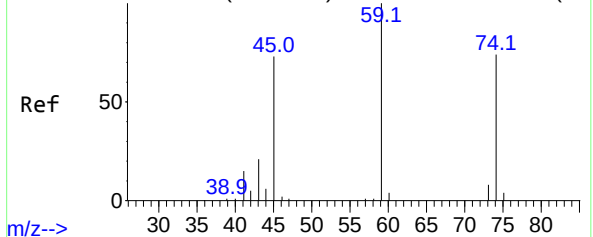


#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

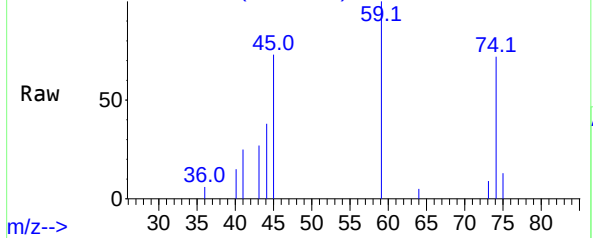
Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 70.1 70.3 105.5#



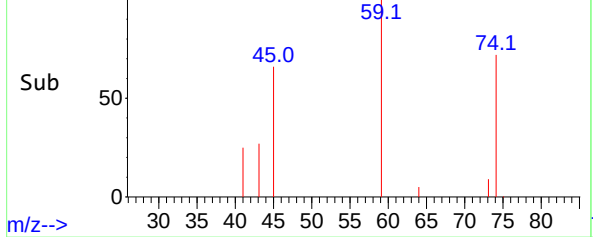
Abundance Scan 172 (2.136 min): VX026393.D\data.ms (-16



m/z--> Scan 172 (2.136 min): VX026450.D\data.ms



m/z--> Abundance Scan 172 (2.136 min): VX026450.D\data.ms (-13



m/z-->

#8

Diethyl Ether

Concen: 1.943 ug/l

RT: 2.136 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

Instrument :

MSVOA_X

ClientSampleId :

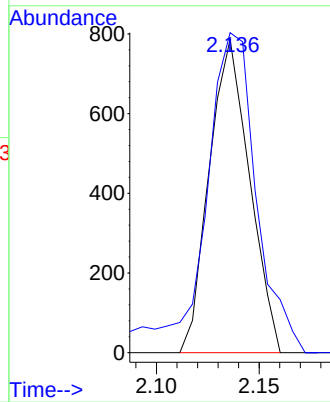
220112014-02-VOA

Tgt Ion: 74 Resp: 1073

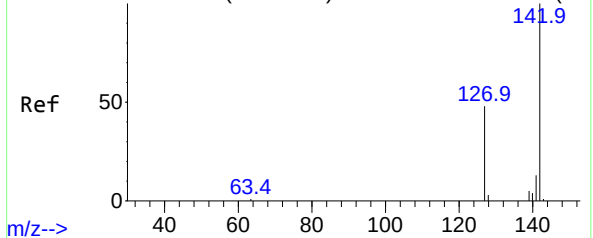
Ion Ratio Lower Upper

74 100

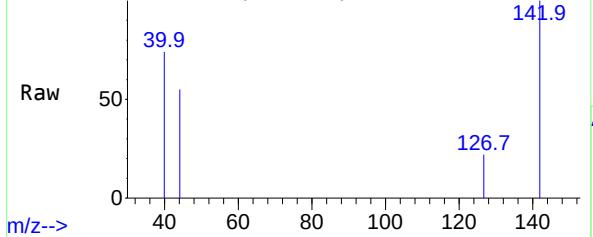
45 121.5 19.5 175.5



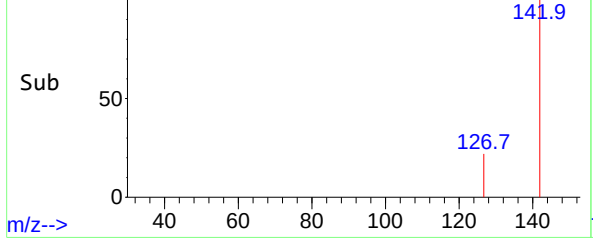
Abundance Scan 225 (2.459 min): VX026393.D\data.ms (-21



m/z--> Scan 225 (2.459 min): VX026450.D\data.ms



m/z--> Abundance Scan 225 (2.459 min): VX026450.D\data.ms (-14



m/z-->

#11

Methyl Iodide

Concen: 0.342 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.000 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

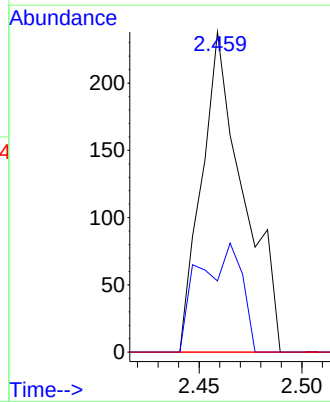
Tgt Ion: 142 Resp: 335

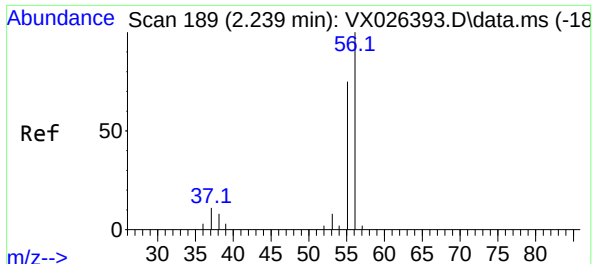
Ion Ratio Lower Upper

142 100

127 22.3 23.9 71.7#

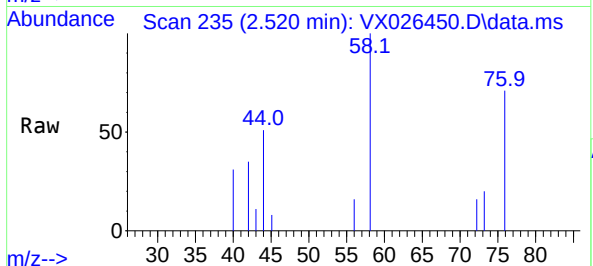
141 0.0 6.7 20.1#



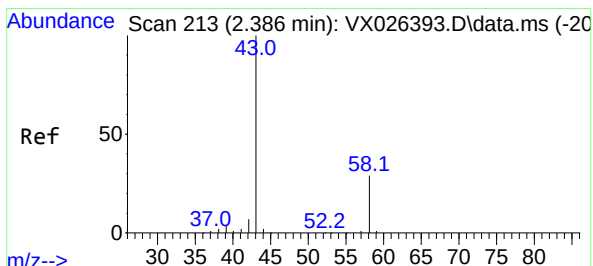
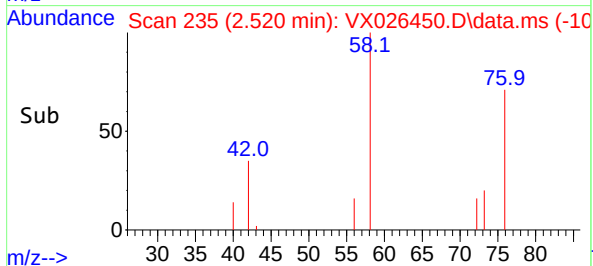
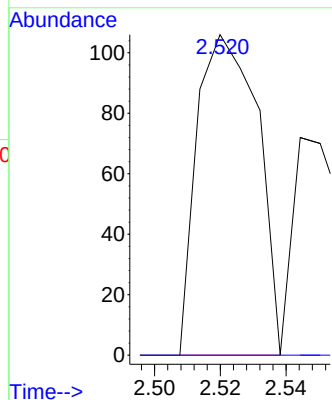


#13
Acrolein
Concen: 0.689 ug/l
RT: 2.520 min Scan# 213
Delta R.T. 0.281 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

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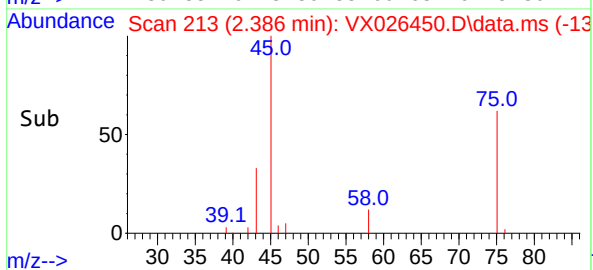
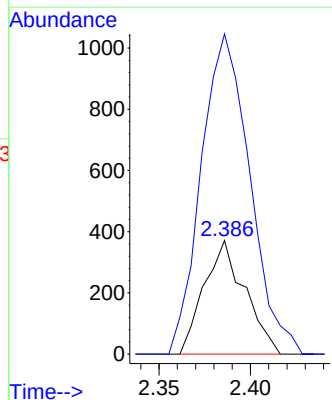
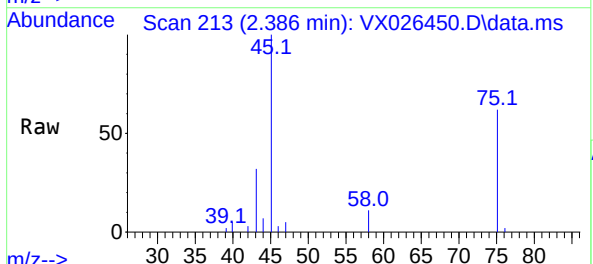


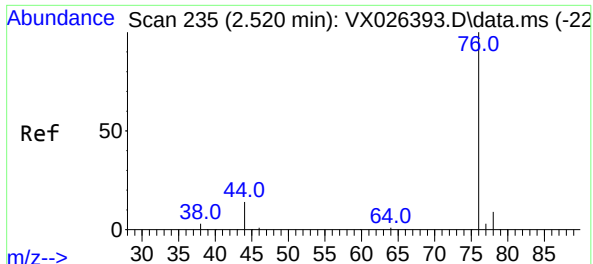
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#15
Acetone
Concen: 3.484 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 58 Resp: 577
Ion Ratio Lower Upper
58 100
43 256.9 276.3 414.5#

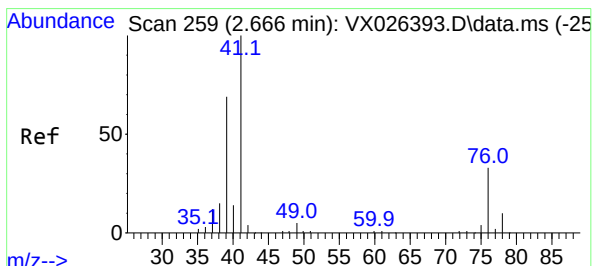
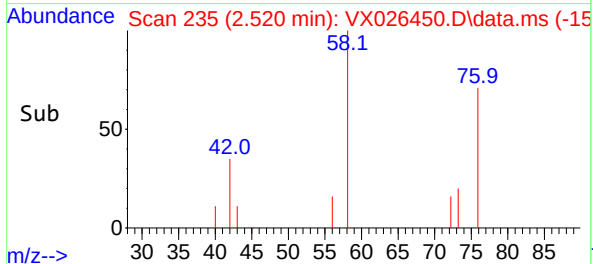
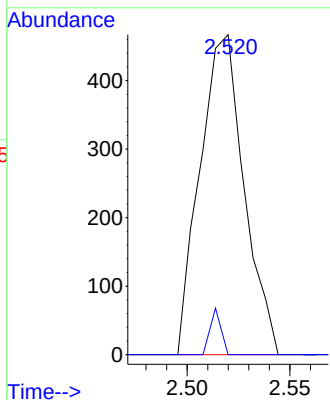
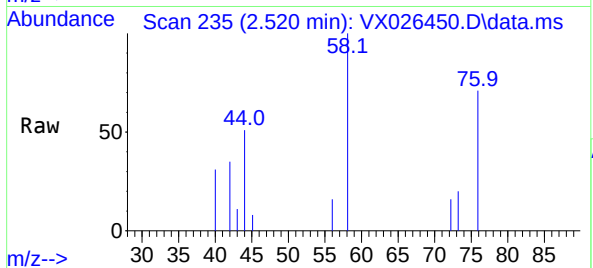




#16
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

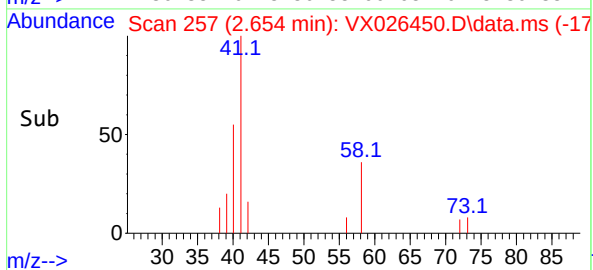
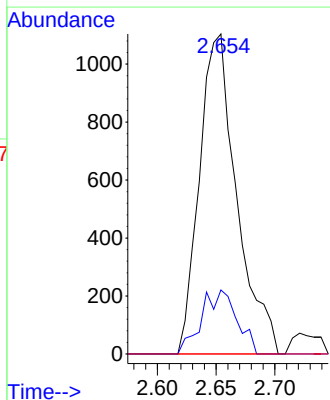
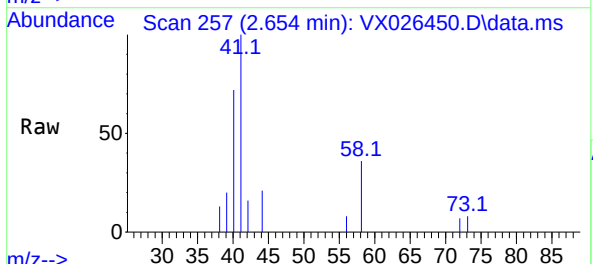
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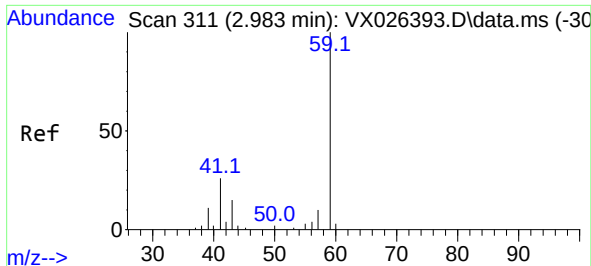
Tgt Ion: 76 Resp: 696
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#17
Allyl chloride
Concen: 1.403 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 41 Resp: 2436
Ion Ratio Lower Upper
41 100
39 20.0 34.5 103.5#
76 0.0 16.7 50.0#

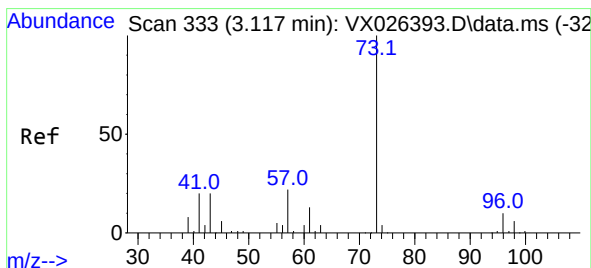
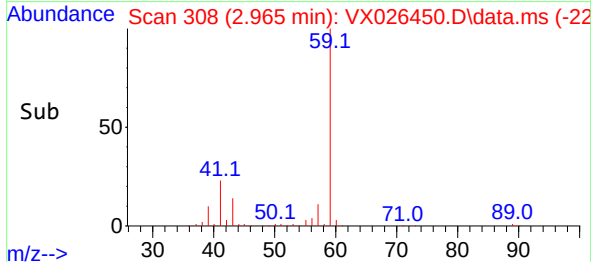
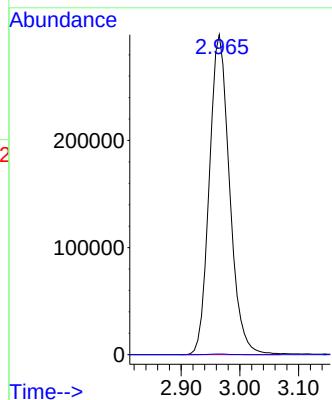
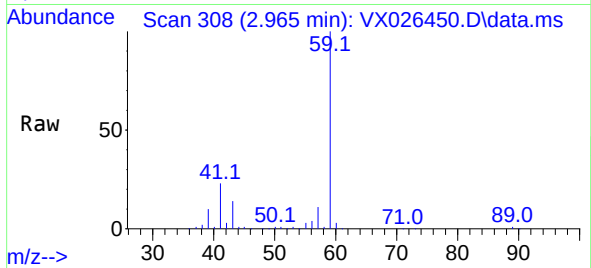




#23
tert-Butyl Alcohol
Concen: 3746.009 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

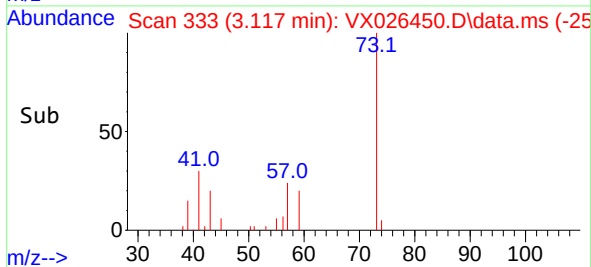
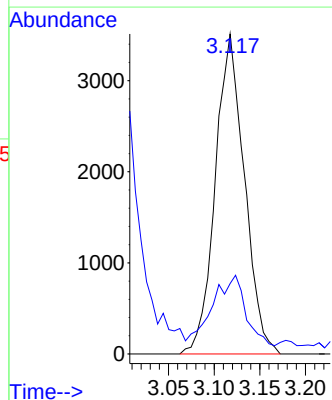
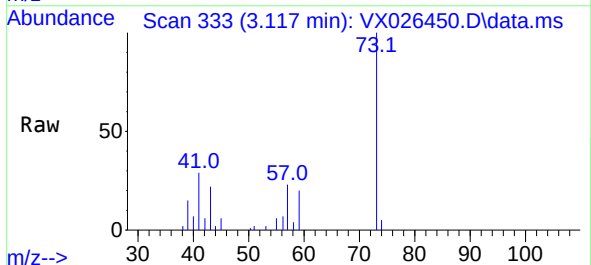
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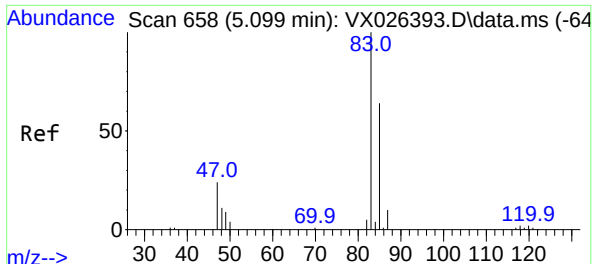
Tgt Ion: 59 Resp: 716384
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 2.325 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 73 Resp: 7801
Ion Ratio Lower Upper
73 100
43 15.9 17.1 25.7#





#25

Chloroform

Concen: 0.307 ug/l

RT: 5.105 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

Instrument :

MSVOA_X

ClientSampleId :

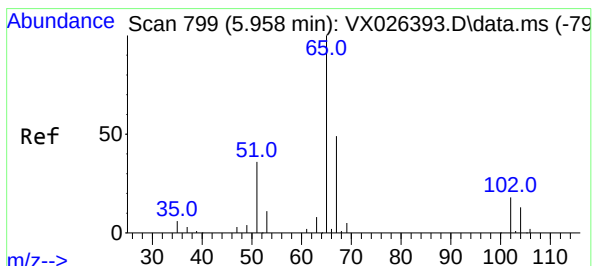
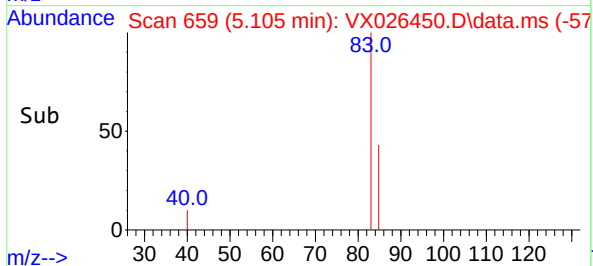
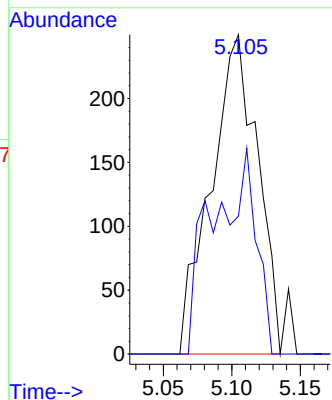
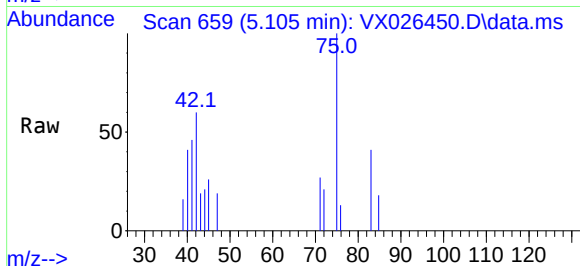
220112014-02-VOA

Tgt Ion: 83 Resp: 591

Ion Ratio Lower Upper

83 100

85 43.2 50.8 76.2#



#27

1,2-Dichloroethane-d4

Concen: 30.010 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX026450.D

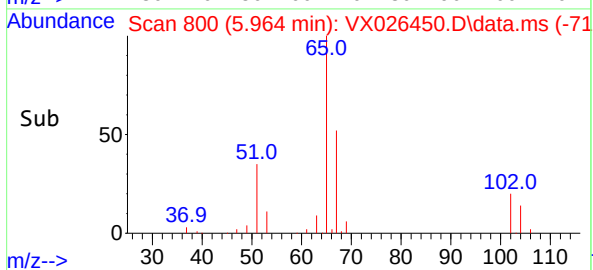
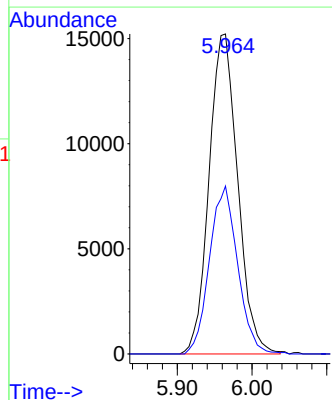
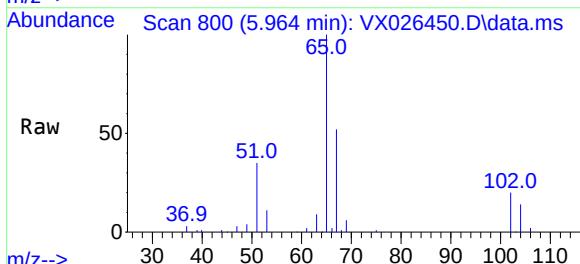
Acq: 14 Jan 2022 13:01

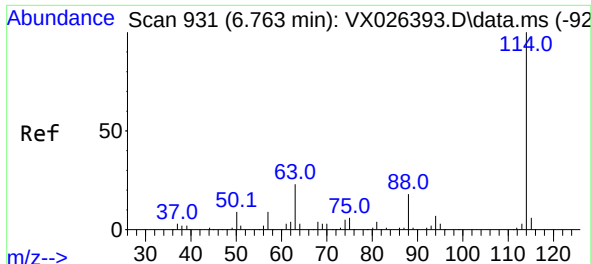
Tgt Ion: 65 Resp: 40504

Ion Ratio Lower Upper

65 100

67 51.6 39.6 59.4

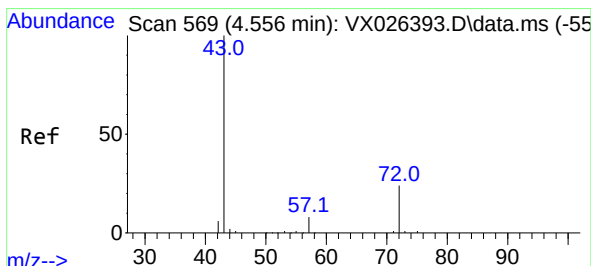
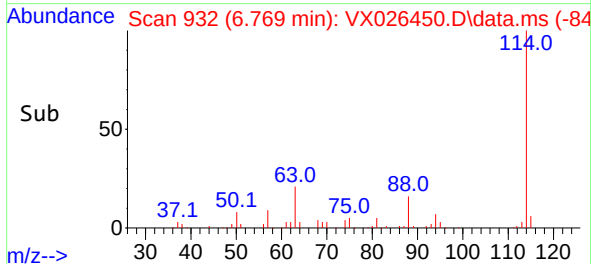
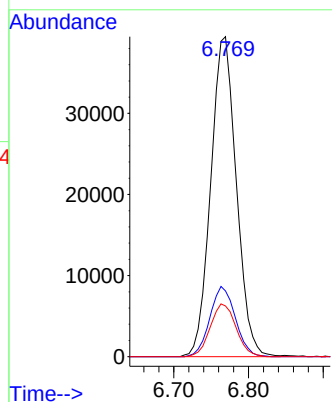
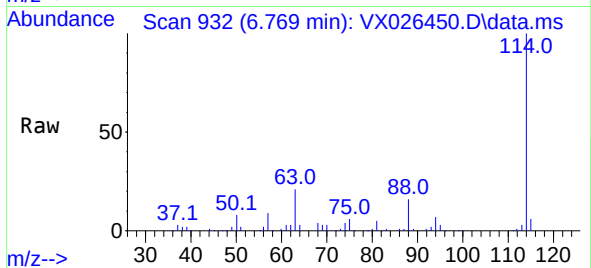




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

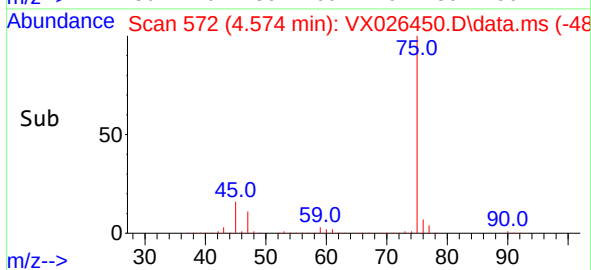
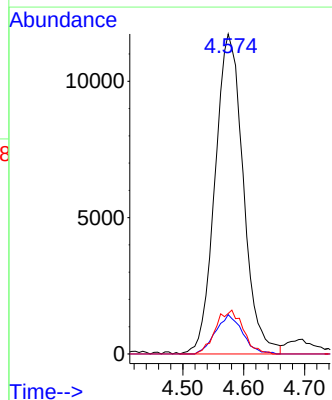
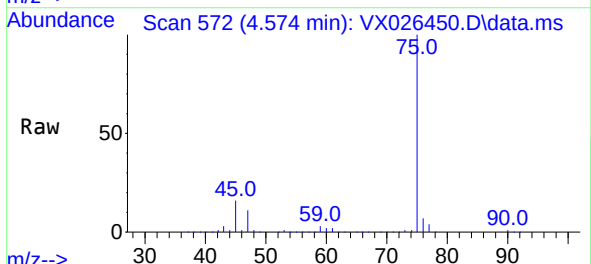
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

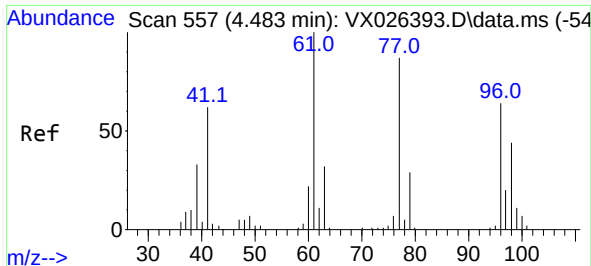
Tgt Ion:114 Resp: 93776
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.2
88 16.6 13.5 20.3



#30
2-Butanone
Concen: 44.927 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 43 Resp: 37789
Ion Ratio Lower Upper
43 100
57 11.7 6.3 9.5#
72 7.5 19.8 29.6#

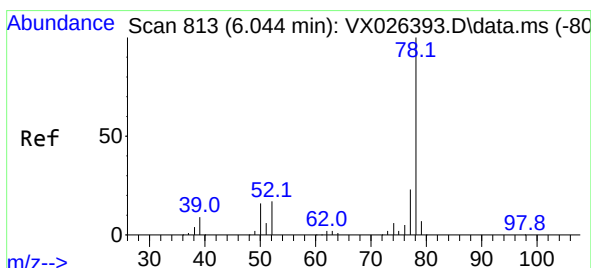
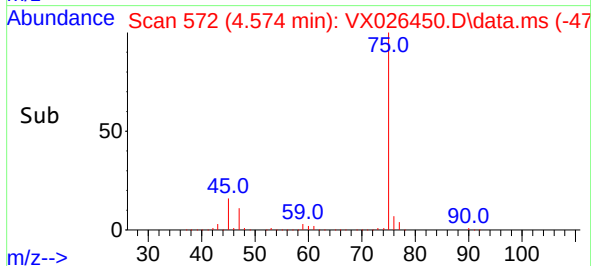
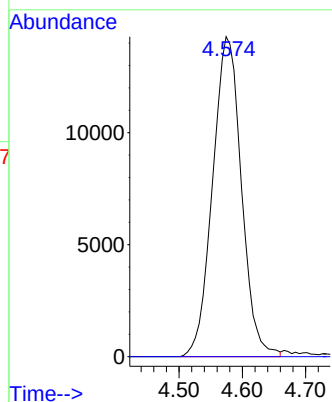
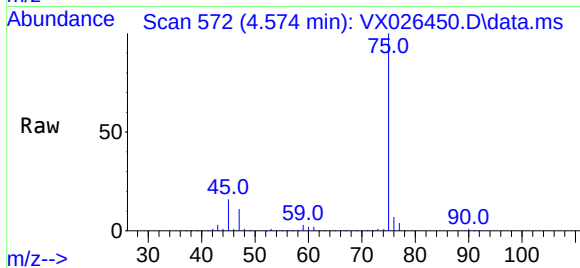




#31
2,2-Dichloropropane
Concen: 30.090 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

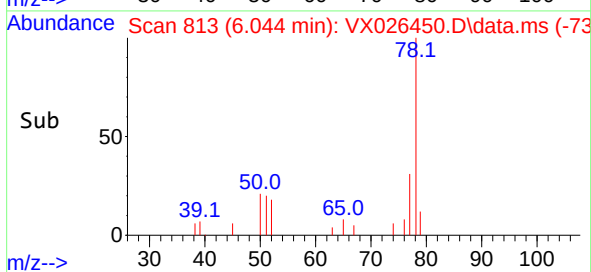
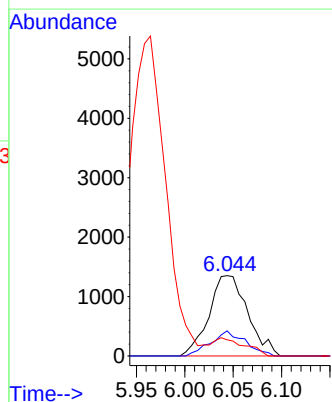
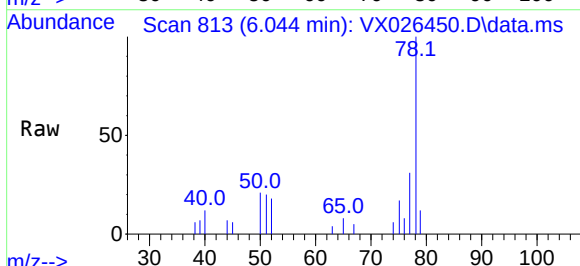
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

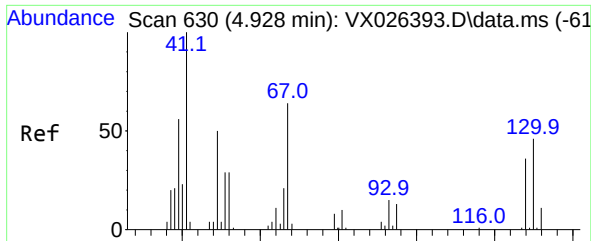
Tgt Ion: 77 Resp: 45140
Ion Ratio Lower Upper
77 100
97 0.0 17.6 26.4#



#34
Benzene
Concen: 0.935 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 78 Resp: 3754
Ion Ratio Lower Upper
78 100
77 31.3 18.7 28.1#
51 20.2 13.5 20.3

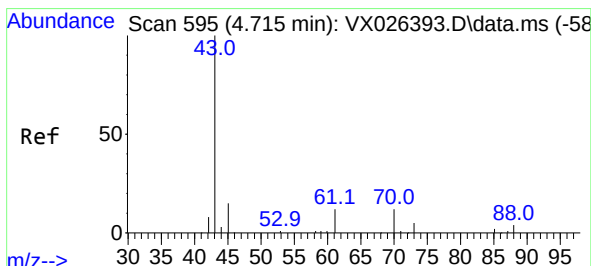
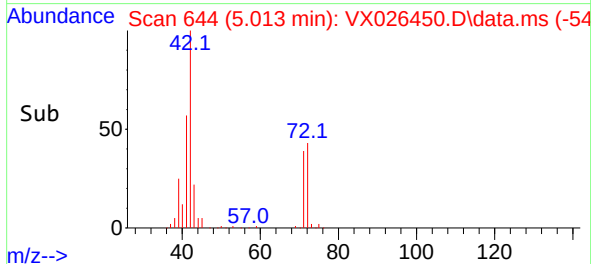
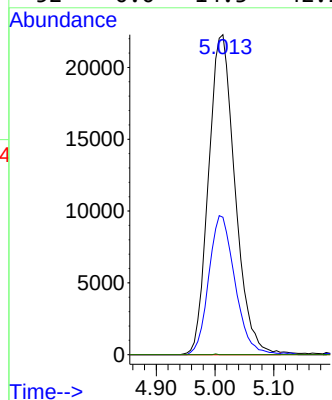
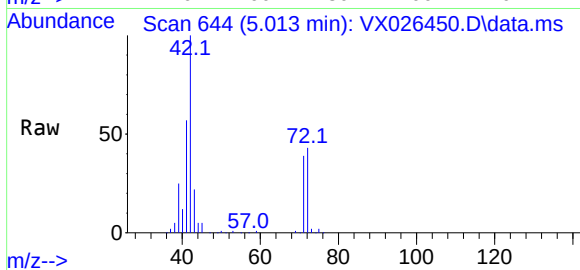




#35
Methacrylonitrile
Concen: 79.231 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.085 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

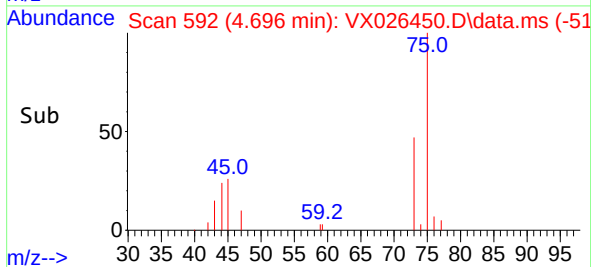
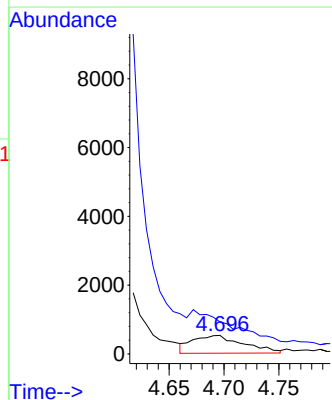
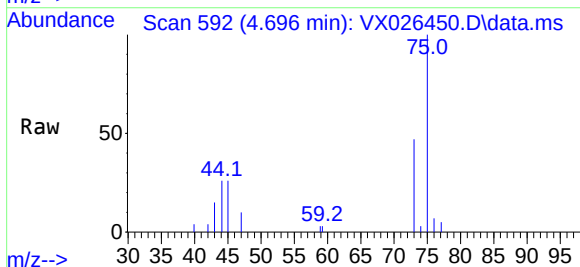
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

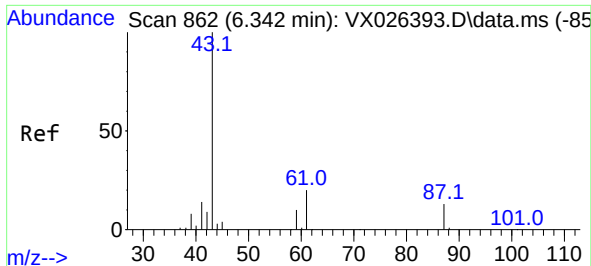
Tgt Ion: 41 Resp: 69827
Ion Ratio Lower Upper
41 100
39 42.9 27.8 83.4
67 0.0 32.1 96.3#
52 0.0 14.3 42.9#



#43
Ethyl Acetate
Concen: 1.089 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.018 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
45 0.0 12.3 18.5#

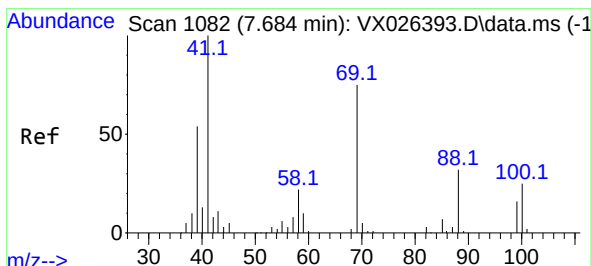
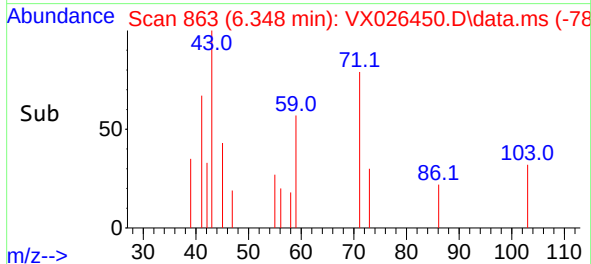
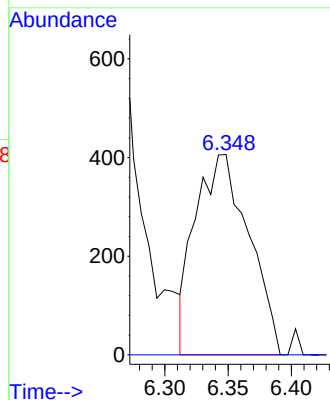
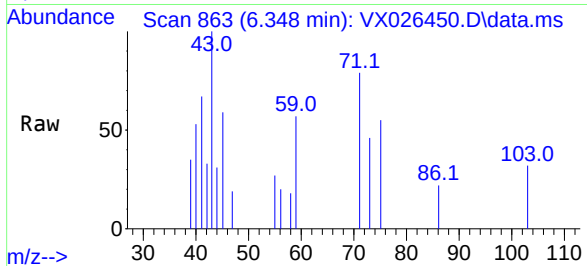




#44
Isopropyl Acetate
Concen: 0.472 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

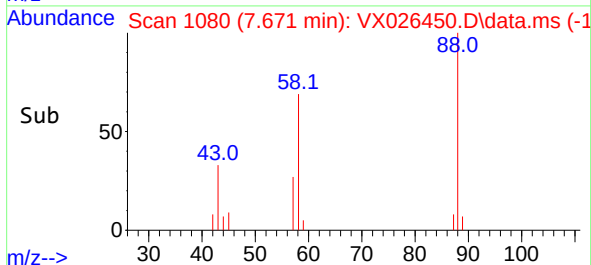
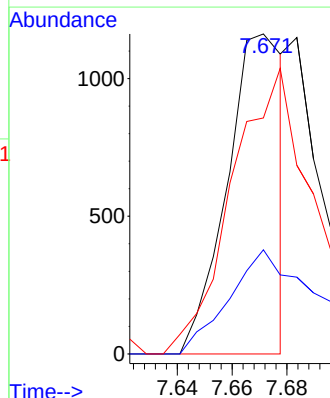
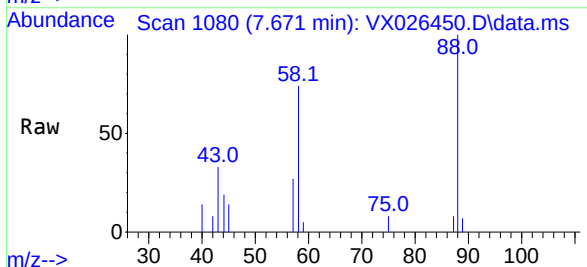
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

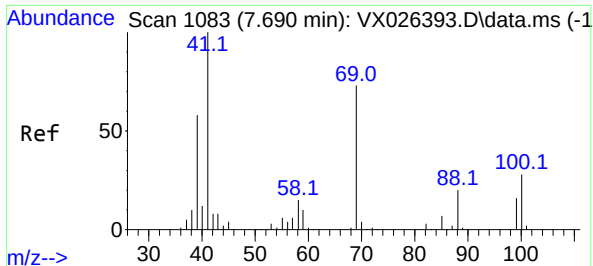
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#



#45
1,4-Dioxane
Concen: 85.002 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 88 Resp: 1663
Ion Ratio Lower Upper
88 100
43 50.1 29.0 43.6#
58 136.2 56.2 84.4#

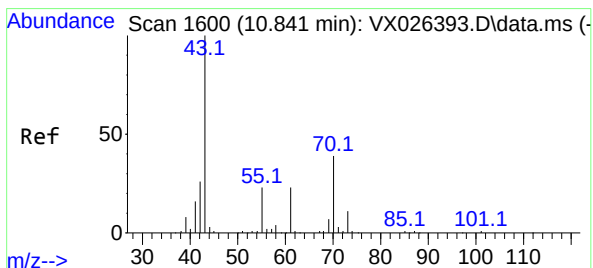
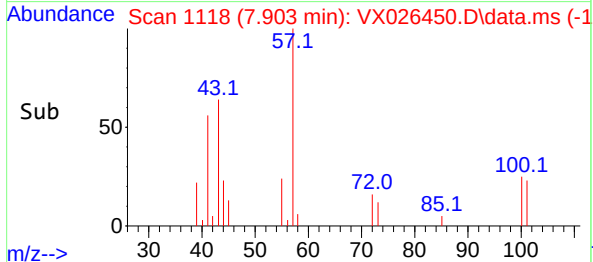
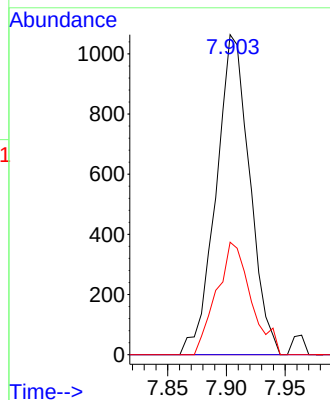
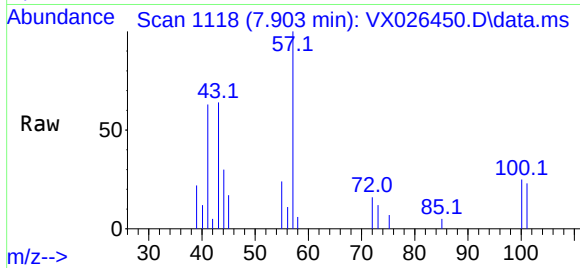




#46
Methyl methacrylate
Concen: 1.711 ug/l
RT: 7.903 min Scan# 1118
Delta R.T. 0.213 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

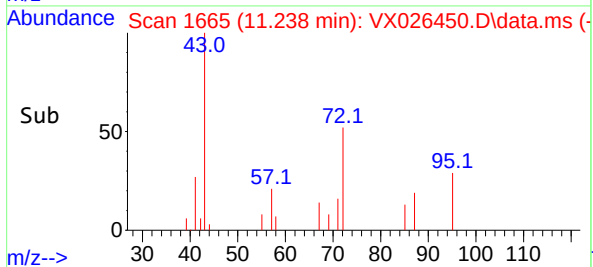
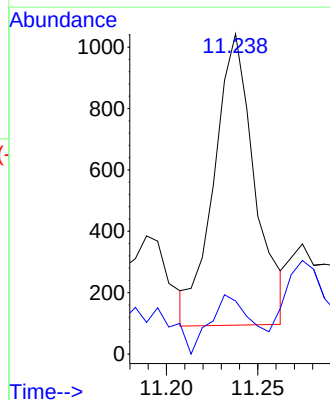
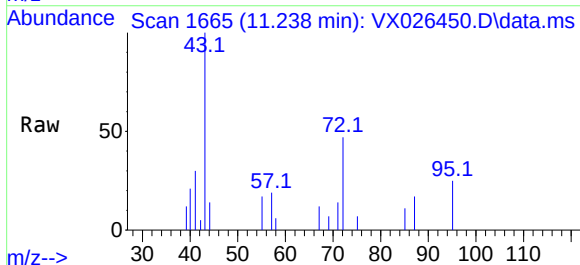
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

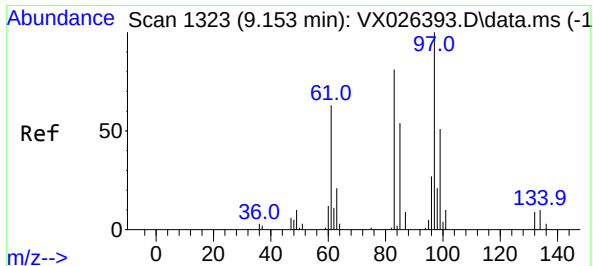
Tgt Ion: 41 Resp: 2119
Ion Ratio Lower Upper
41 100
69 0.0 36.6 109.9#
39 35.2 29.3 87.8



#47
n-amy1 Acetate
Concen: 0.778 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.396 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
55 21.1 18.9 28.3





#50

1,1,2-Trichloroethane

Concen: 0.211 ug/l

RT: 9.080 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

Instrument :

MSVOA_X

ClientSampleId :

220112014-02-VOA

Tgt Ion: 97 Resp: 209

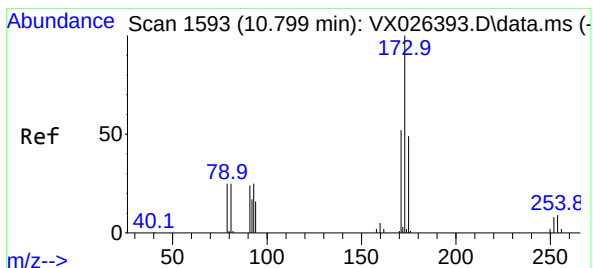
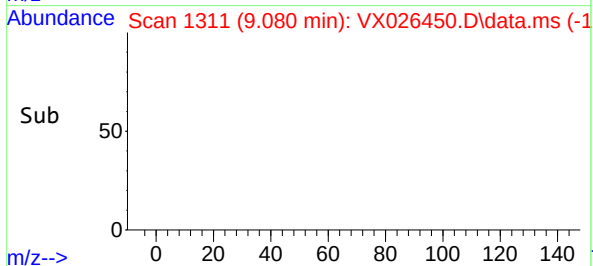
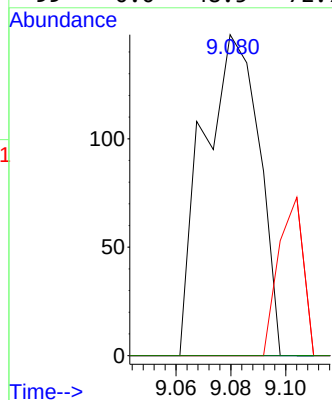
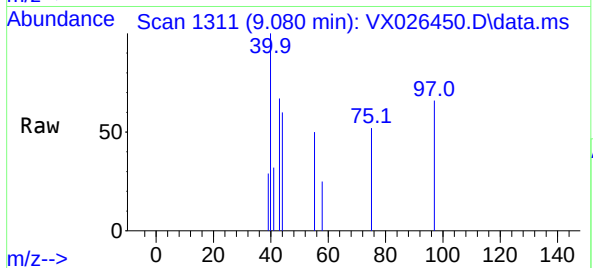
Ion Ratio Lower Upper

97 100

83 0.0 64.6 96.8#

85 0.0 44.1 66.1#

99 0.0 48.5 72.7#



#56

Bromoform

Concen: 0.489 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.287 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

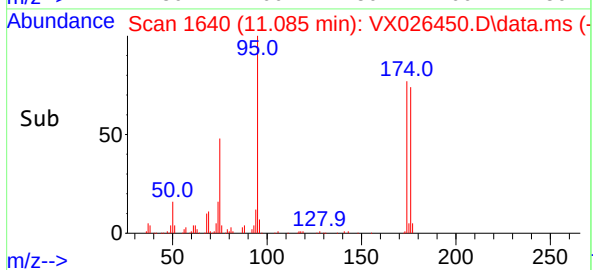
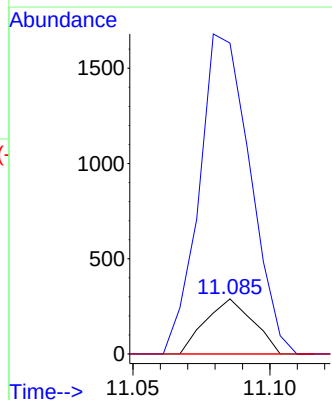
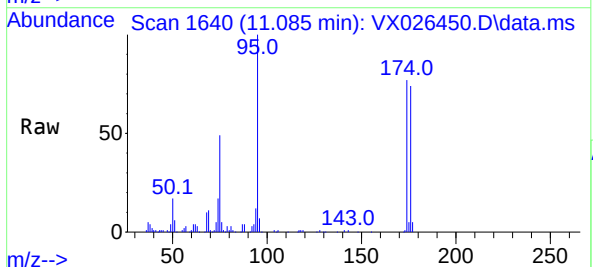
Tgt Ion:173 Resp: 350

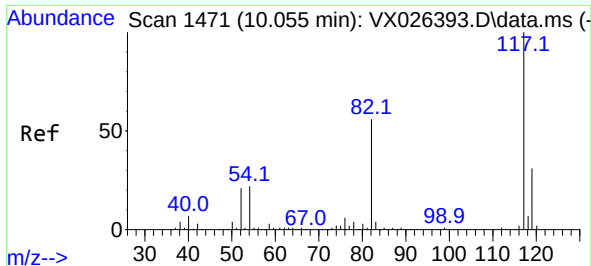
Ion Ratio Lower Upper

173 100

175 620.9 38.0 57.0#

254 0.0 6.6 10.0#

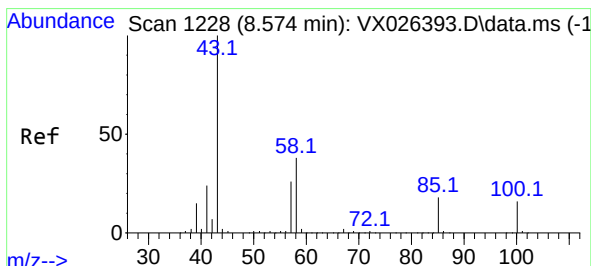
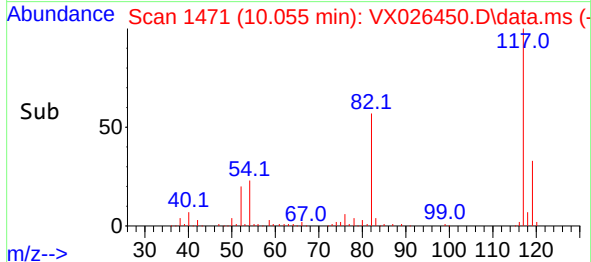
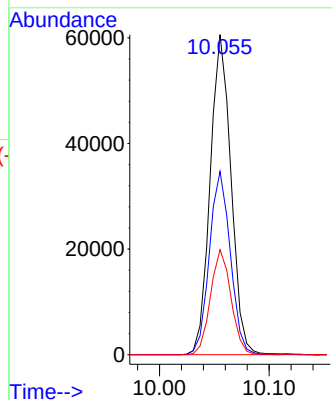
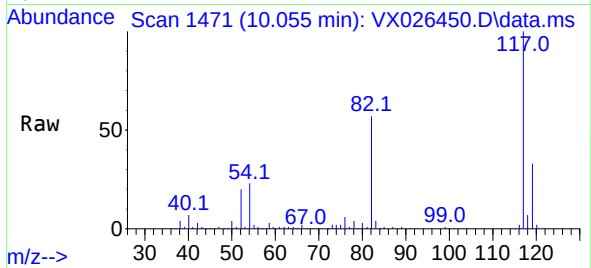




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

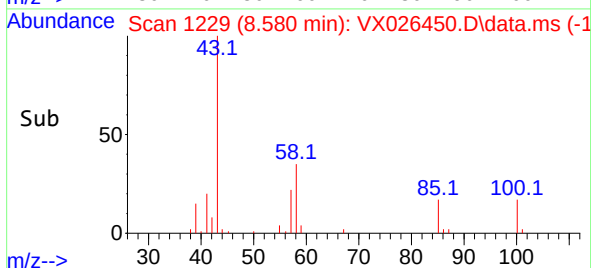
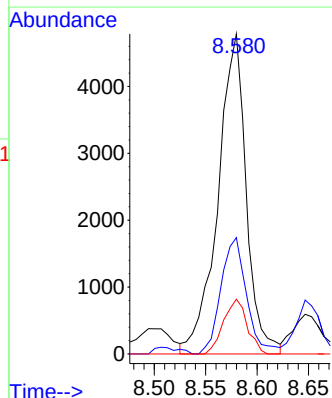
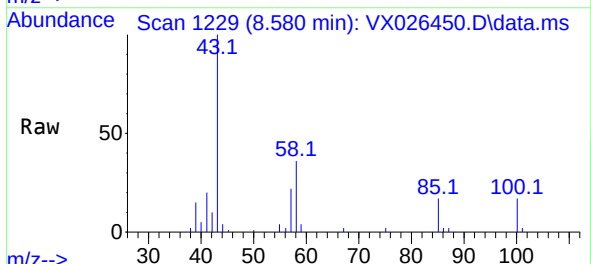
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

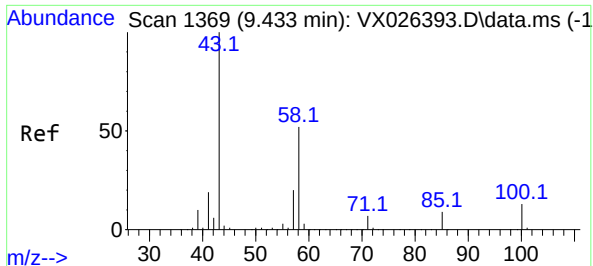
Tgt Ion:117 Resp: 80096
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.3 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 6.139 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 43 Resp: 9172
Ion Ratio Lower Upper
43 100
58 33.1 30.2 45.4
85 14.3 14.1 21.1





#59

2-Hexanone

Concen: 0.344 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

Instrument :

MSVOA_X

ClientSampleId :

220112014-02-VOA

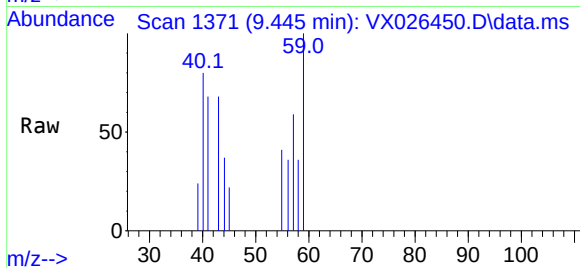
Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

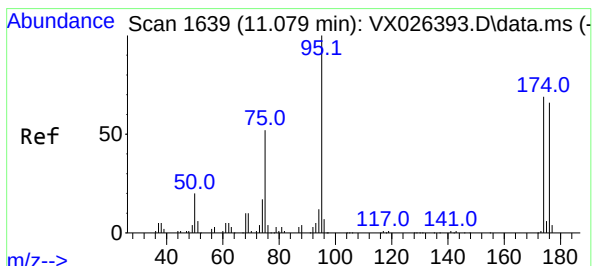
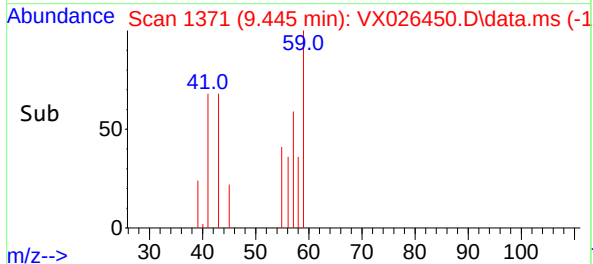
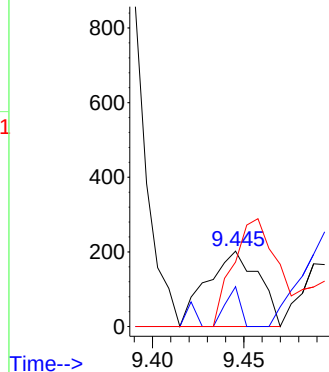
43 100

58 15.1 42.0 63.0#

57 121.4 15.2 22.8#



Abundance



#60

4-Bromofluorobenzene

Concen: 29.599 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

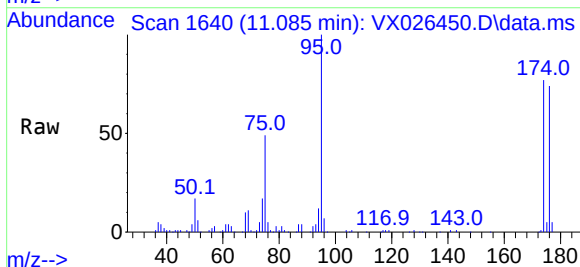
Tgt Ion: 95 Resp: 39566

Ion Ratio Lower Upper

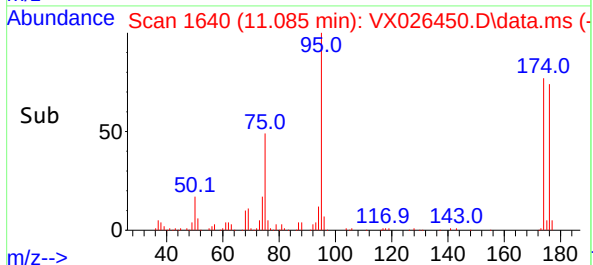
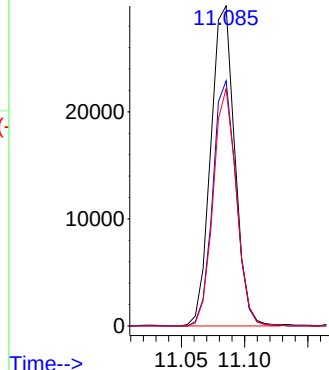
95 100

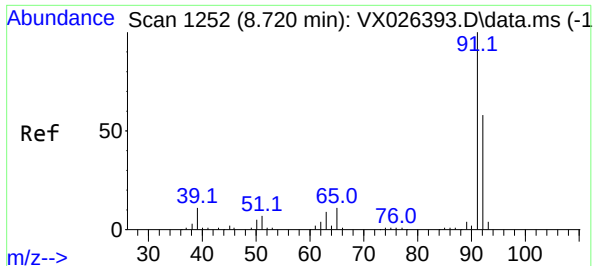
174 74.2 58.0 87.0

176 71.5 56.5 84.7



Abundance

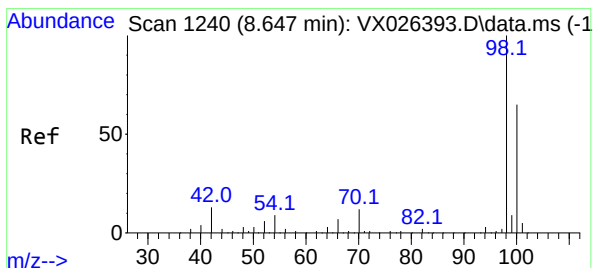
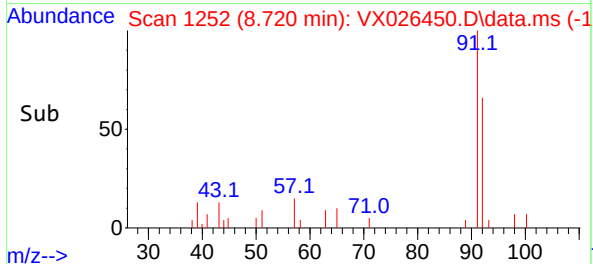
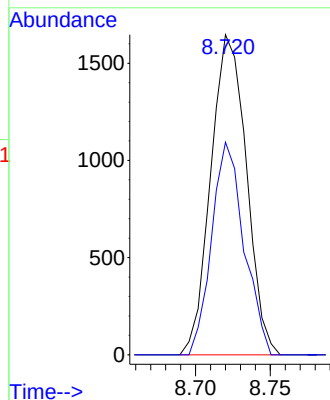
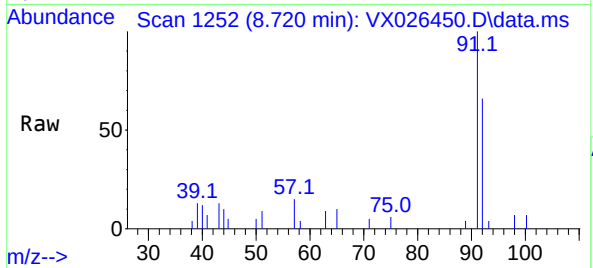




#62
Toluene
Concen: 0.638 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

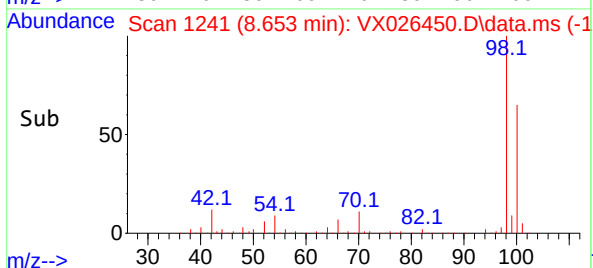
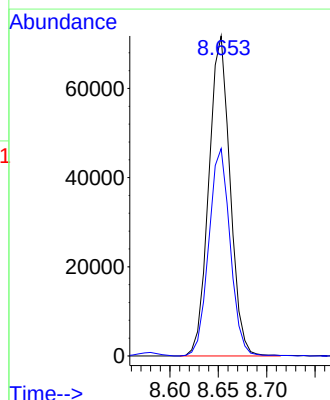
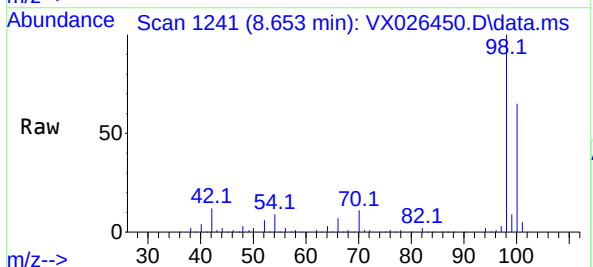
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

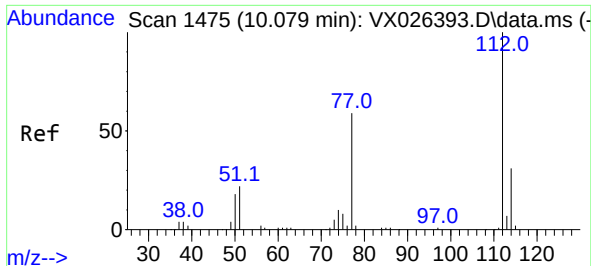
Tgt Ion: 91 Resp: 2727
Ion Ratio Lower Upper
91 100
92 60.2 47.2 70.8



#63
Toluene-d8
Concen: 29.759 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

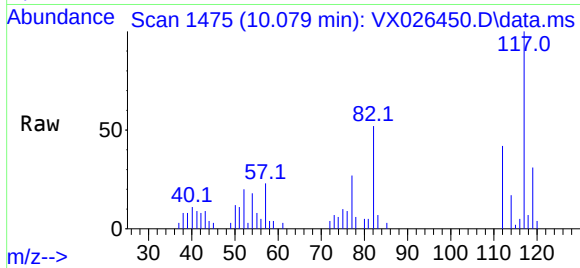
Tgt Ion: 98 Resp: 109500
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



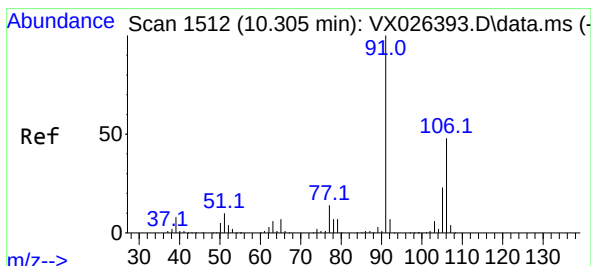
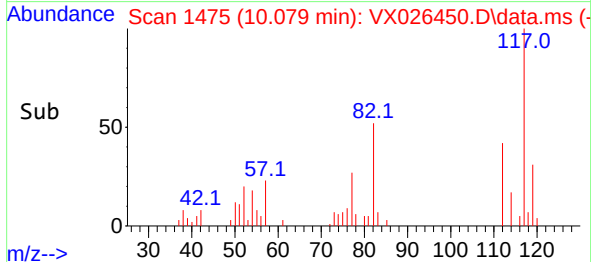
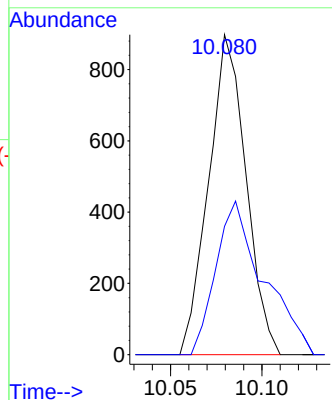


#64
Chlorobenzene
Concen: 0.492 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

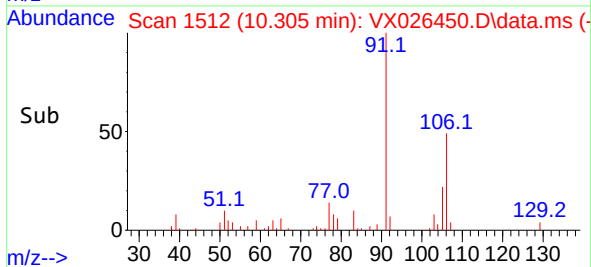
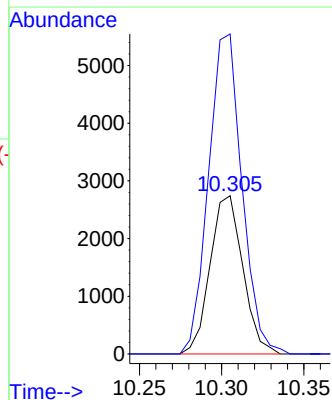
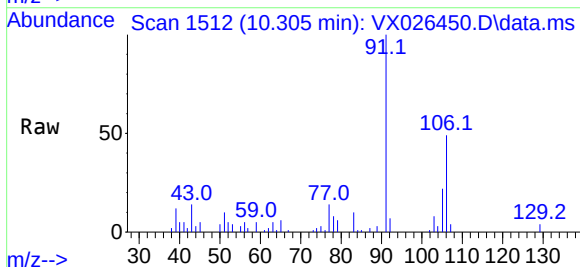


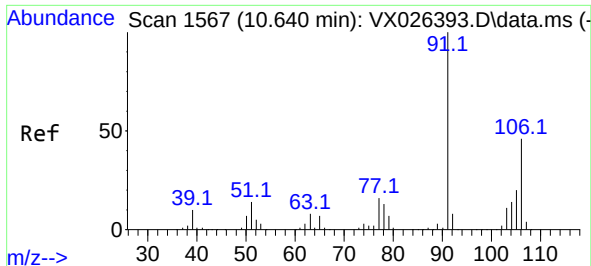
Tgt Ion:112 Resp: 1276
Ion Ratio Lower Upper
112 100
114 40.1 25.0 37.4#



#67
m/p-Xylenes
Concen: 2.141 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion:106 Resp: 3805
Ion Ratio Lower Upper
106 100
91 206.1 167.2 250.8

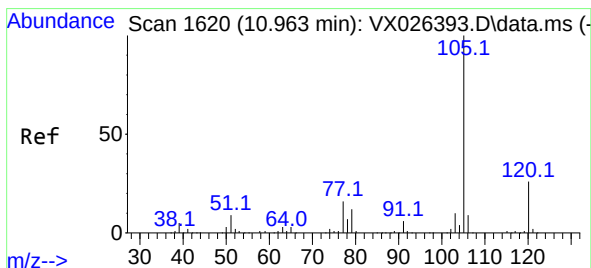
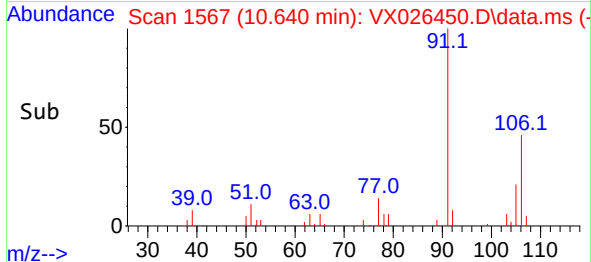
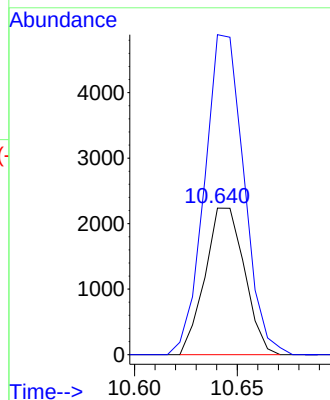
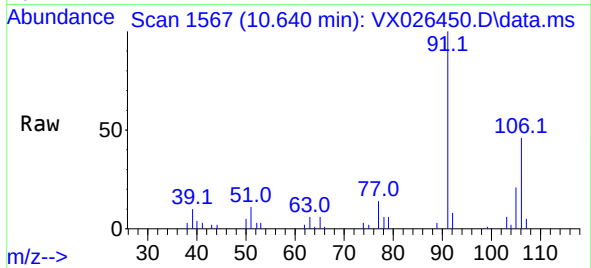




#68
o-Xylene
Concen: 1.731 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

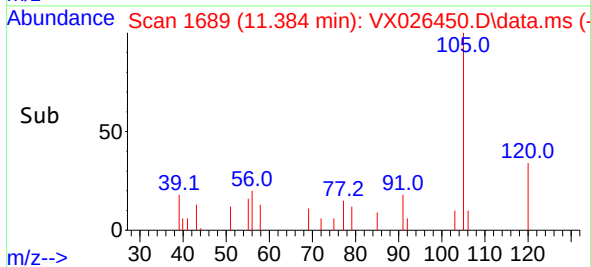
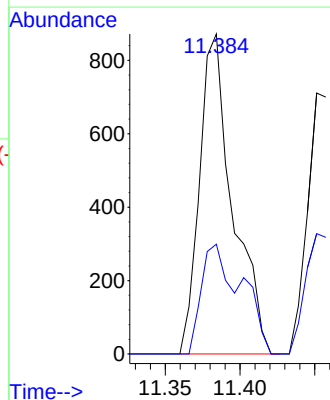
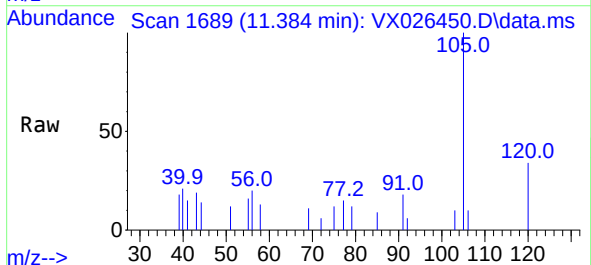
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

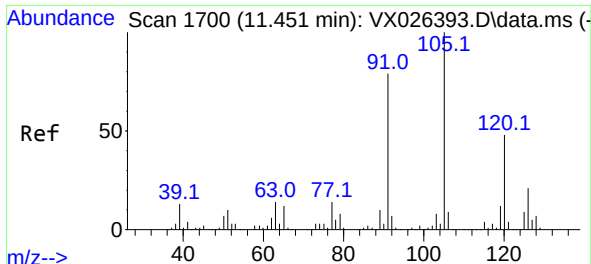
Tgt Ion:106 Resp: 2985
Ion Ratio Lower Upper
106 100
91 218.2 108.7 326.3



#70
Isopropylbenzene
Concen: 0.291 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.421 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion:105 Resp: 1344
Ion Ratio Lower Upper
105 100
120 29.2 18.1 33.5

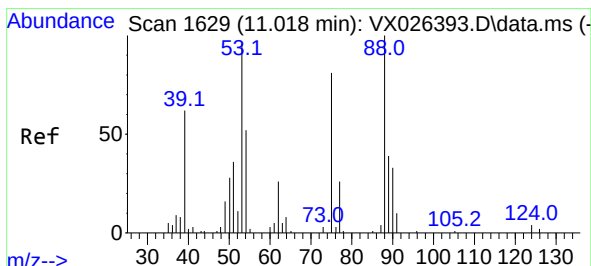
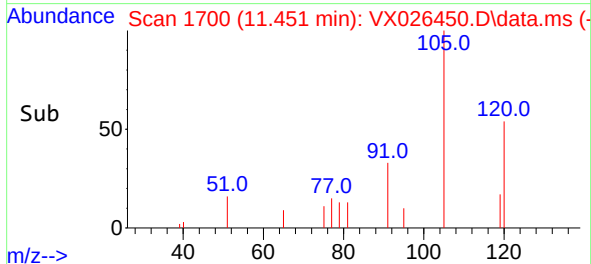
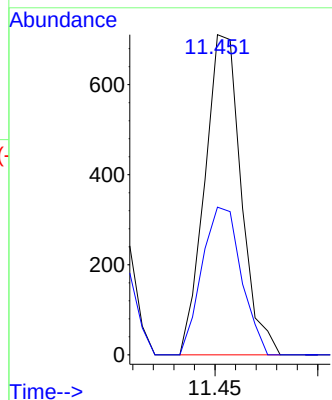
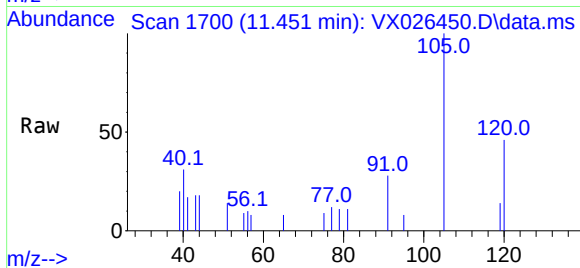




#76
1,3,5-Trimethylbenzene
Concen: 0.226 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

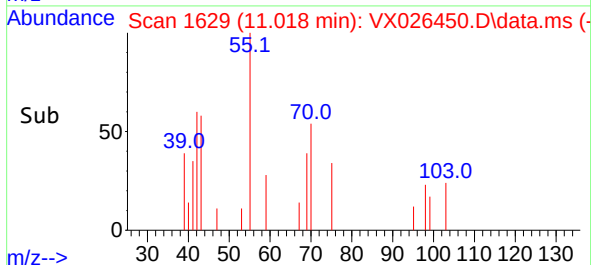
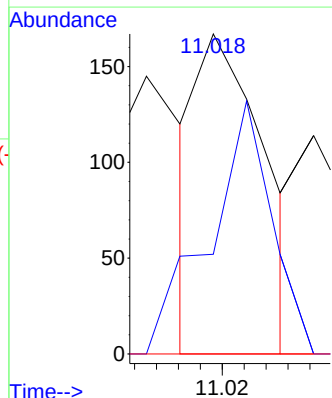
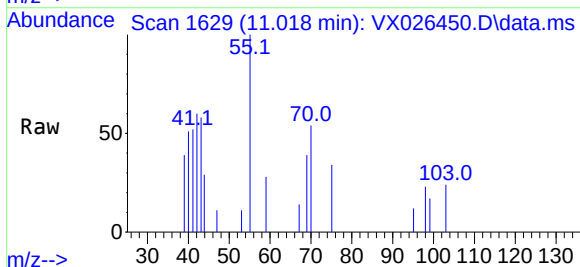
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

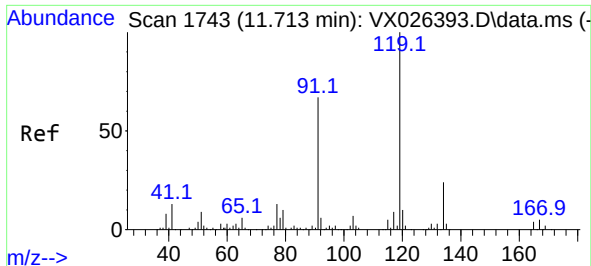
Tgt Ion:105 Resp: 875
Ion Ratio Lower Upper
105 100
120 49.8 0.0 95.6



#77
t-1,4-Dichloro-2-butene
Concen: 0.364 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
53 1.2 59.0 176.8#
89 0.0 24.0 72.0#





#79

tert-butylbenzene

Concen: 0.624 ug/l

RT: 11.969 min Scan# 11

Delta R.T. 0.256 min

Lab File: VX026450.D

Acq: 14 Jan 2022 13:01

Instrument :

MSVOA_X

ClientSampleId :

220112014-02-VOA

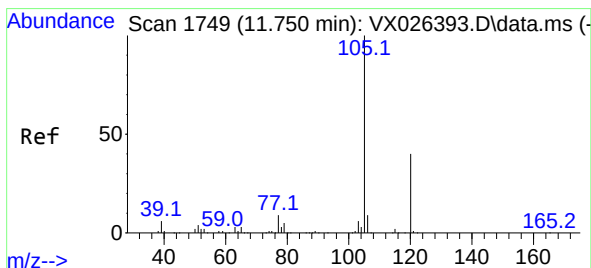
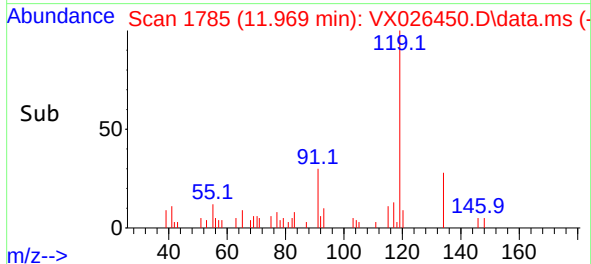
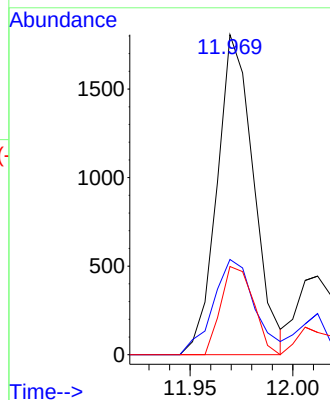
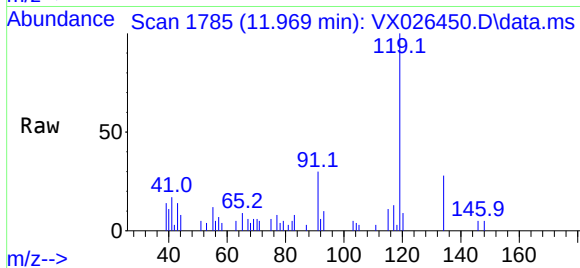
Tgt Ion:119 Resp: 2233

Ion Ratio Lower Upper

119 100

91 33.9 0.0 129.0

134 24.7 0.0 47.8



#80

1,2,4-Trimethylbenzene

Concen: 0.896 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX026450.D

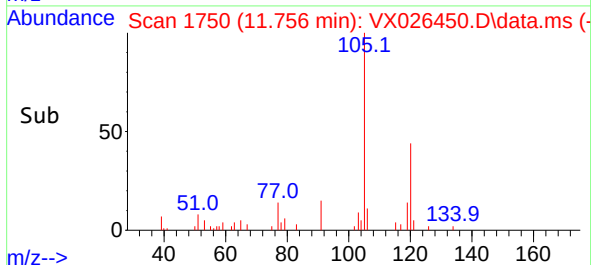
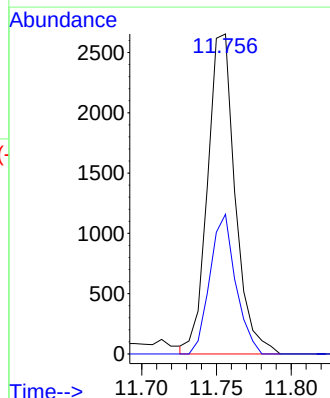
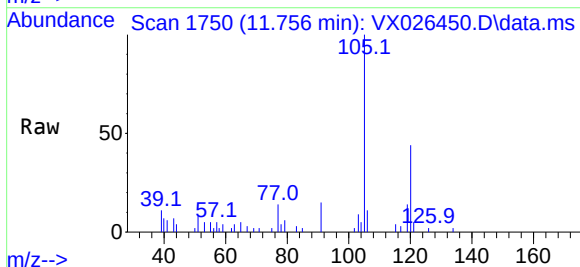
Acq: 14 Jan 2022 13:01

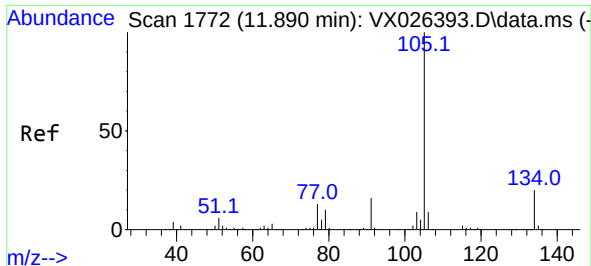
Tgt Ion:105 Resp: 3419

Ion Ratio Lower Upper

105 100

120 40.6 0.0 88.4

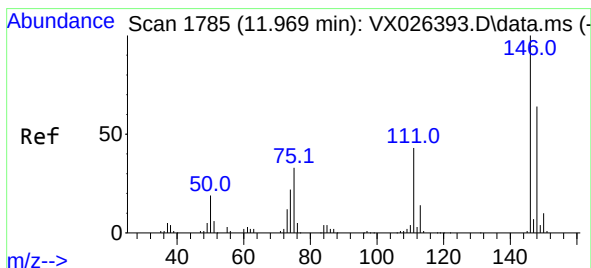
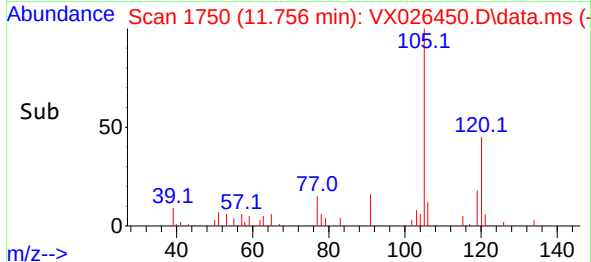
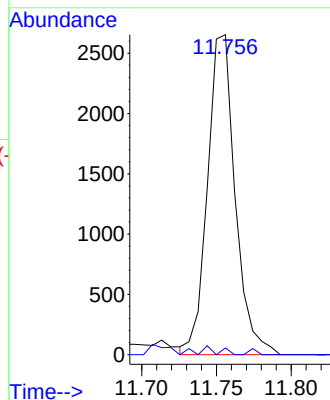
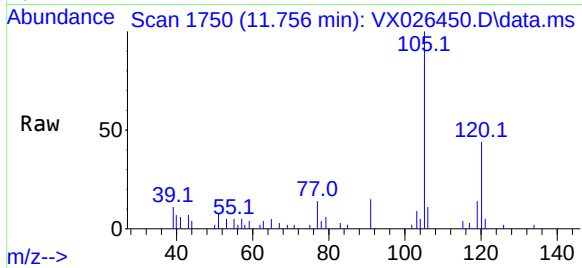




#81
sec-Butylbenzene
Concen: 0.730 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.134 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

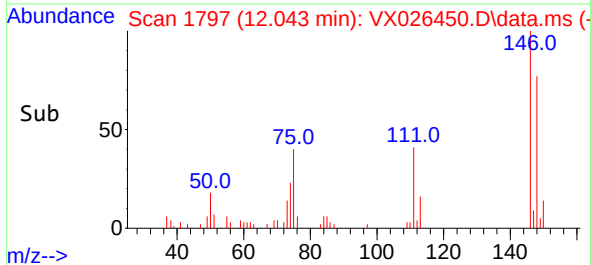
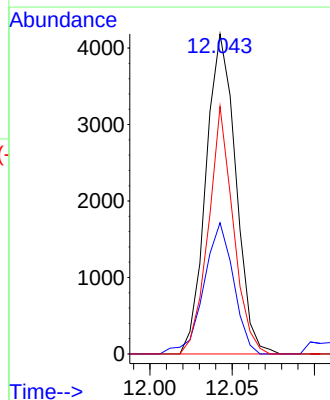
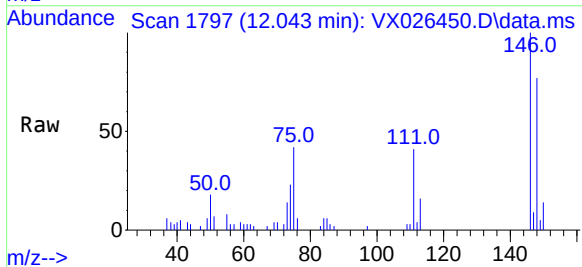
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

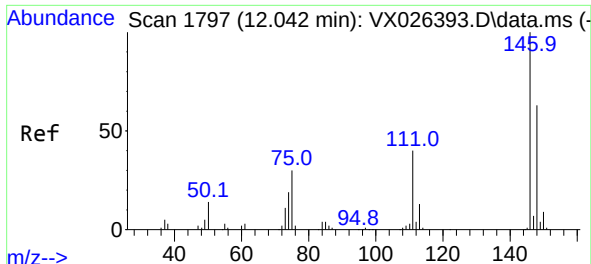
Tgt Ion:105 Resp: 3419
Ion Ratio Lower Upper
105 100
134 0.6 0.0 40.4



#83
1,3-Dichlorobenzene
Concen: 2.673 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion:146 Resp: 5267
Ion Ratio Lower Upper
146 100
111 40.7 21.3 64.0
148 64.7 32.0 96.0

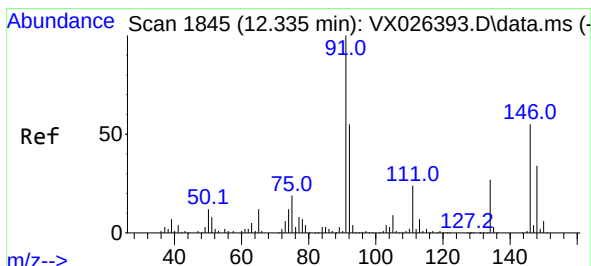
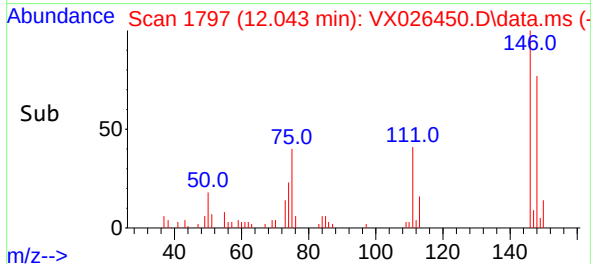
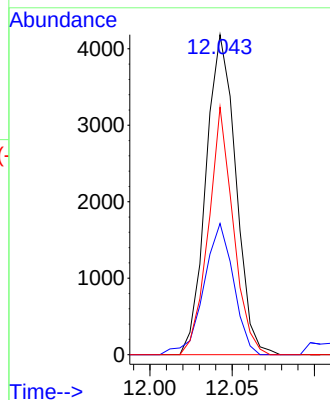
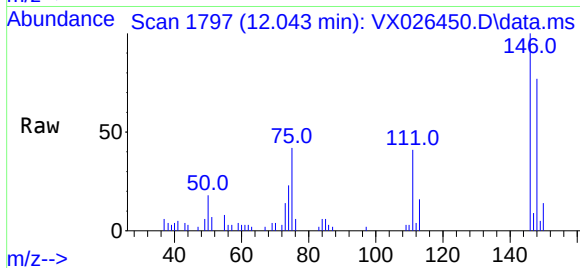




#84
1,4-Dichlorobenzene
Concen: 2.667 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

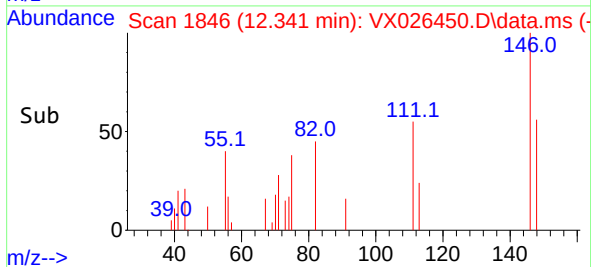
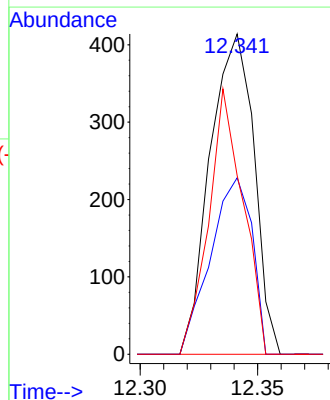
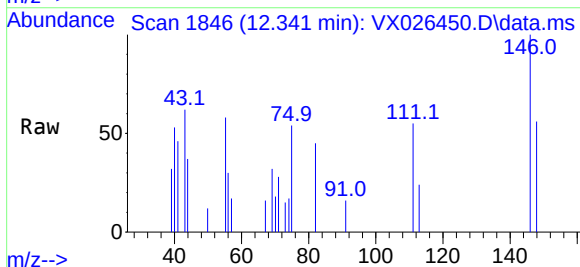
Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

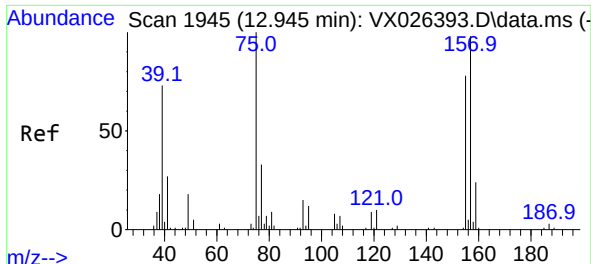
Tgt Ion:146 Resp: 5267
Ion Ratio Lower Upper
146 100
111 40.7 20.0 60.0
148 64.7 31.6 94.7



#87
1,2-Dichlorobenzene
Concen: 0.285 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion:146 Resp: 539
Ion Ratio Lower Upper
146 100
111 52.3 21.9 65.8
148 64.7 31.6 94.7

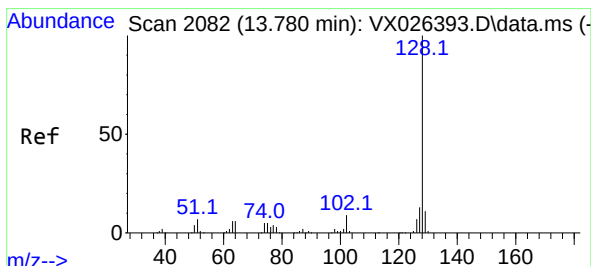
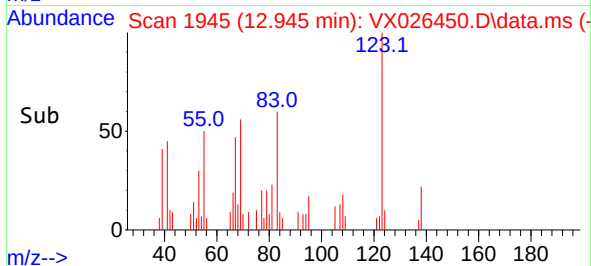
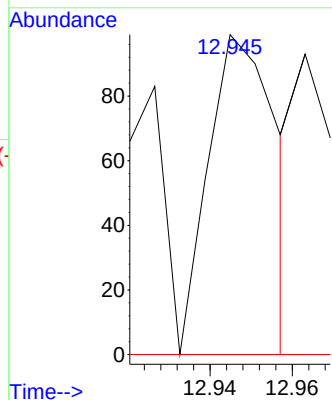
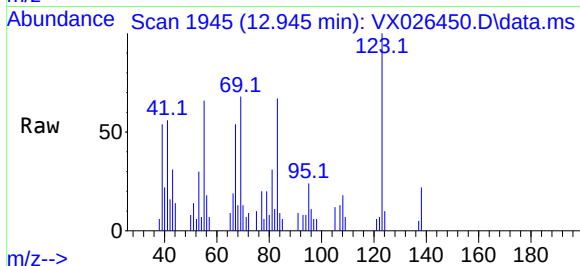




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.354 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

Tgt Ion: 75 Resp: 114
Ion Ratio Lower Upper
75 100
155 0.0 65.4 98.0#
157 0.0 82.1 123.1#



#91
Naphthalene
Concen: 0.596 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026450.D
Acq: 14 Jan 2022 13:01

Tgt Ion: 128 Resp: 2552
Ion Ratio Lower Upper
128 100
127 15.2 10.6 15.8
129 10.8 8.8 13.2

