

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026271.D
 Acq On : 04 Jan 2022 15:04
 Operator : JC/MD
 Sample : M5328-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

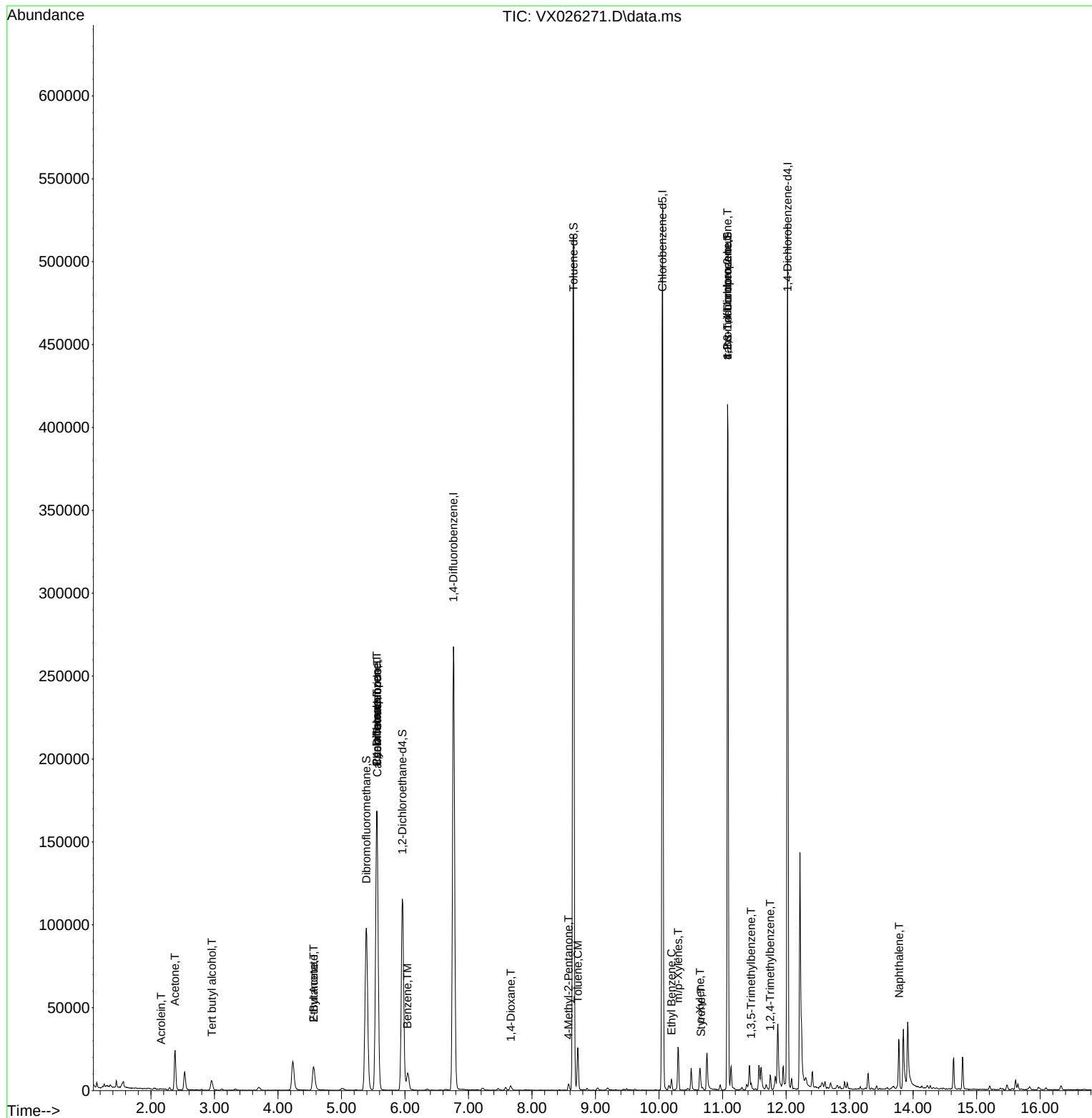
Internal Standards						
1) Pentafluorobenzene	5.556	168	149291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117642	54.469	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.940%		
35) Dibromofluoromethane	5.391	113	85270	50.360	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.720%		
50) Toluene-d8	8.653	98	306566	48.676	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.360%		
62) 4-Bromofluorobenzene	11.079	95	112963	50.383	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.760%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	6277	14.551	ug/l	96
13) Acrolein	2.160	56	53	0.344	ug/l #	75
16) Acetone	2.380	43	26237	22.421	ug/l	91
20) Methylene Chloride	2.800	84	260	Below Cal	#	79
25) 2-Butanone	4.562	43	24145	14.812	ug/l	90
31) Cyclohexane	5.556	56	3729	1.212	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	12715	4.656	ug/l #	50
37) Ethyl Acetate	4.562	43	24145	7.625	ug/l #	69
38) Carbon Tetrachloride	5.562	117	16806	5.532	ug/l #	15
40) Benzene	6.037	78	11821	1.517	ug/l	94
49) 1,4-Dioxane	7.665	88	1720	37.709	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	2688	0.837	ug/l	93
52) Toluene	8.720	92	8919	1.859	ug/l	98
67) Ethyl Benzene	10.195	91	3727	0.424	ug/l	96
68) m/p-Xylenes	10.299	106	5988	1.824	ug/l	97
69) o-Xylene	10.646	106	2637	0.821	ug/l	89
70) Styrene	10.659	104	1410	0.268	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	60079	25.113	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	1510	0.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	60079	72.652	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.750	105	3709	0.581	ug/l	100
95) Naphthalene	13.780	128	17992	2.349	ug/l	99

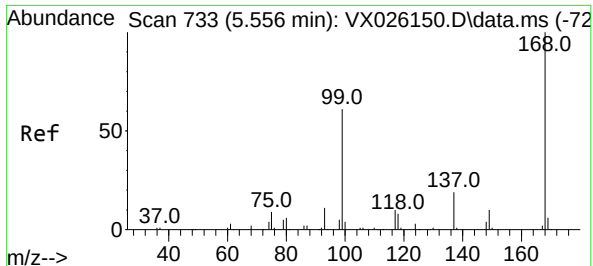
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026271.D
Acq On : 04 Jan 2022 15:04
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

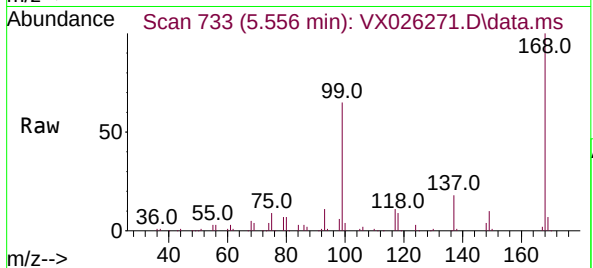
Quant Time: Jan 05 06:09:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



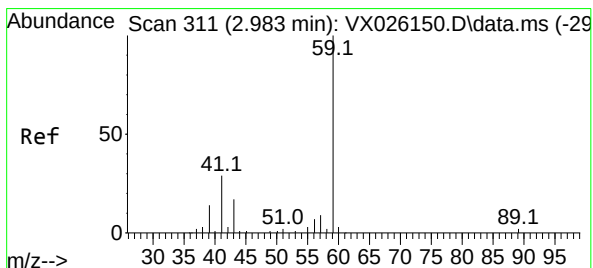
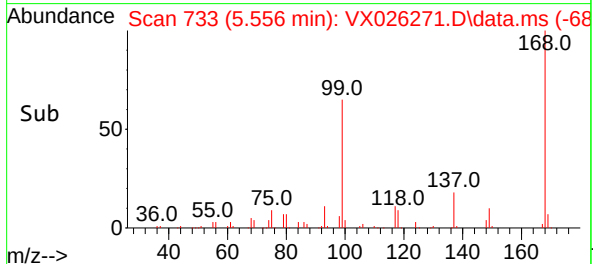
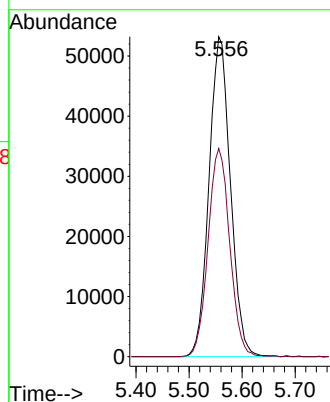


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :

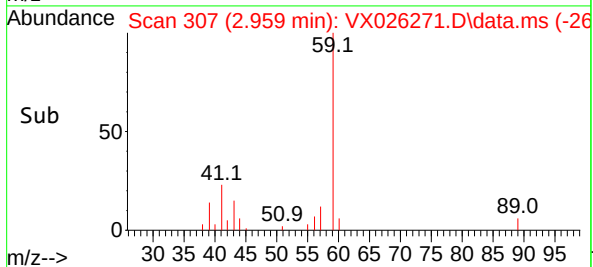
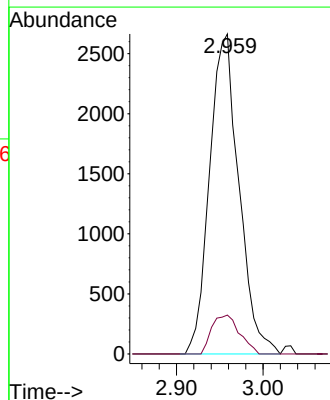
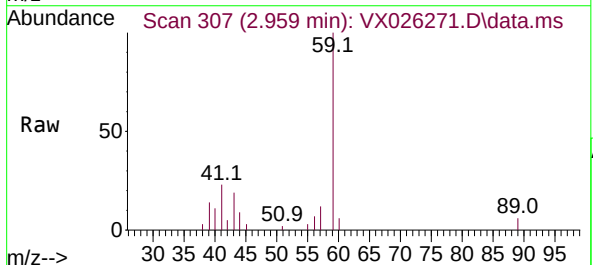


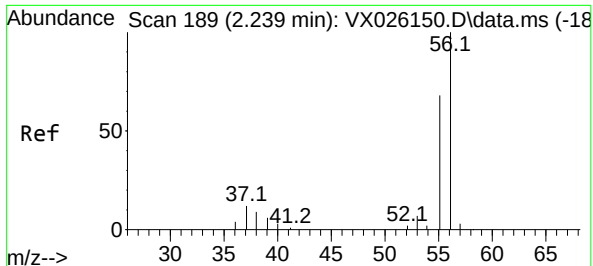
Tgt Ion:168 Resp: 149291
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 14.551 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

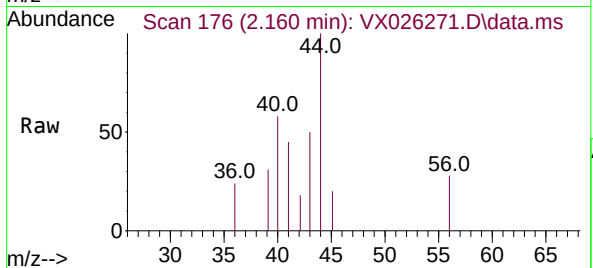
Tgt Ion: 59 Resp: 6277
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.2



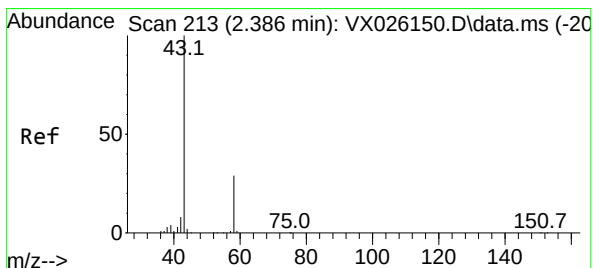
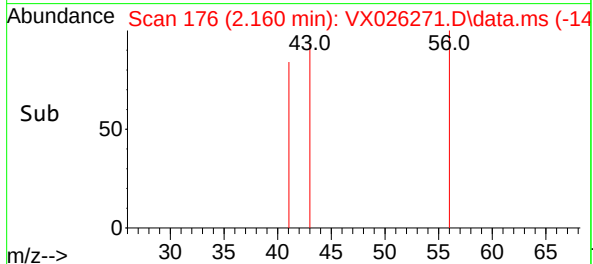
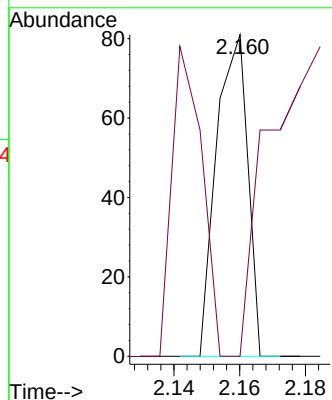


#13
Acrolein
Concen: 0.344 ug/l
RT: 2.160 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :

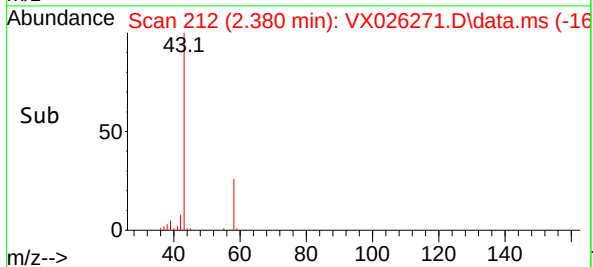
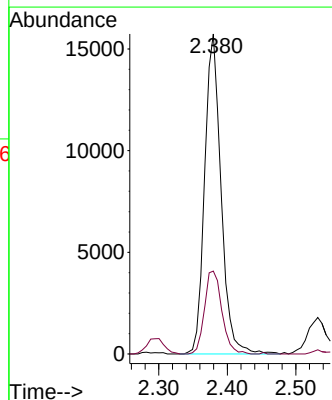
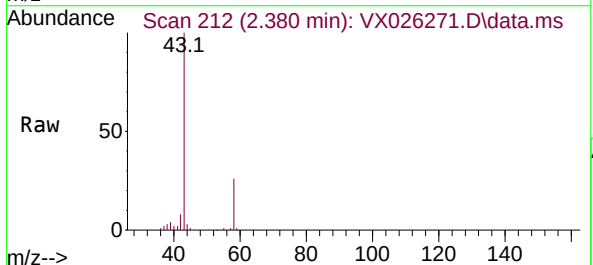


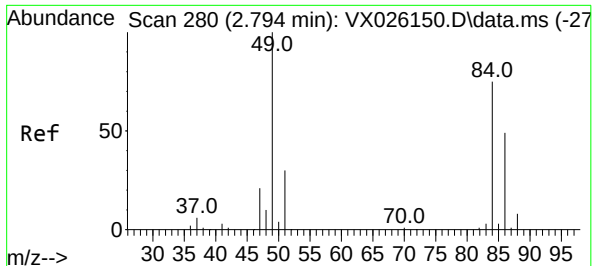
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 92.5 57.4 86.2#



#16
Acetone
Concen: 22.421 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 43 Resp: 26237
Ion Ratio Lower Upper
43 100
58 25.9 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 21

Delta R.T. 0.006 min

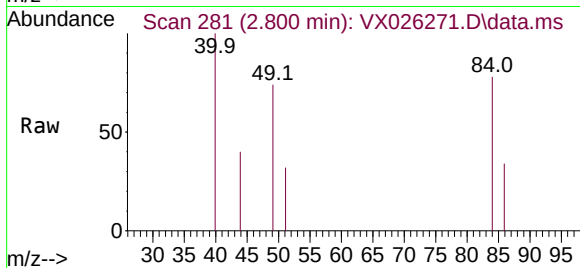
Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 260

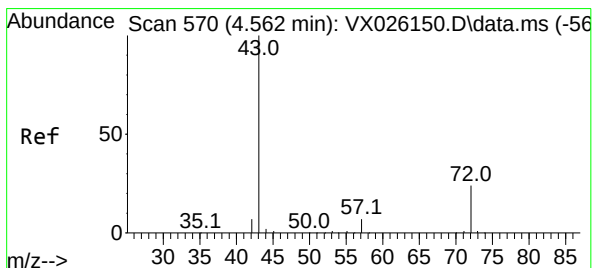
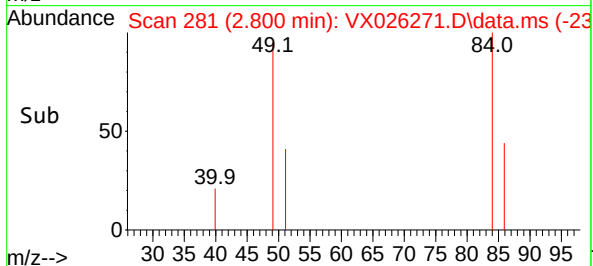
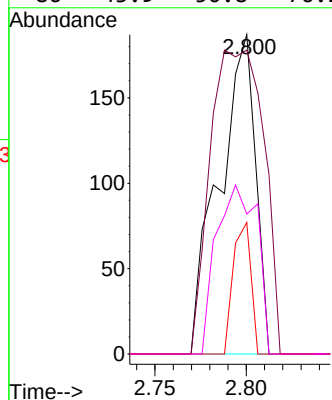
Ion Ratio Lower Upper

84 100

49 95.2 97.1 145.7#

51 41.2 29.3 43.9

86 43.9 50.8 76.2#



#25

2-Butanone

Concen: 14.812 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX026271.D

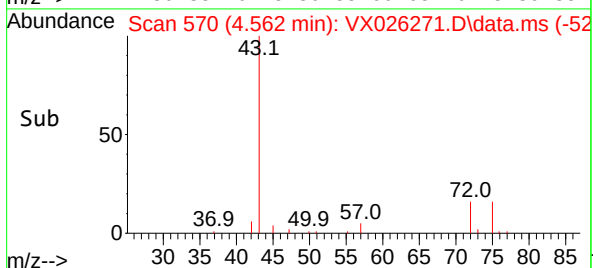
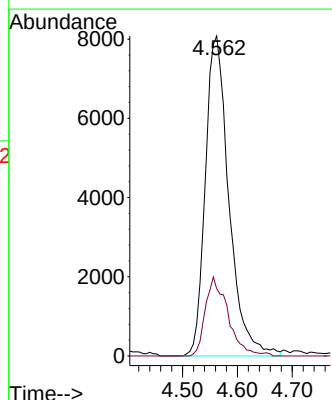
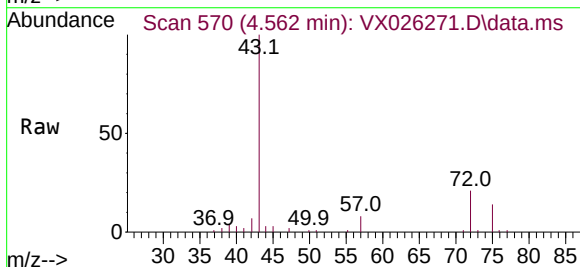
Acq: 04 Jan 2022 15:04

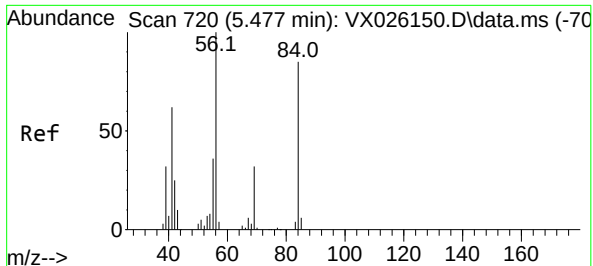
Tgt Ion: 43 Resp: 24145

Ion Ratio Lower Upper

43 100

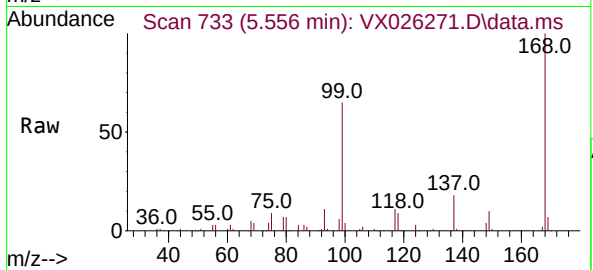
72 21.1 21.0 31.4



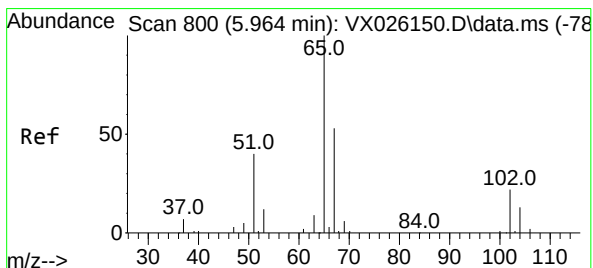
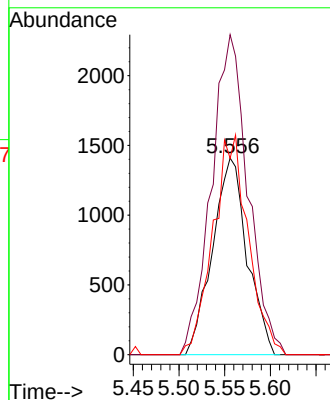
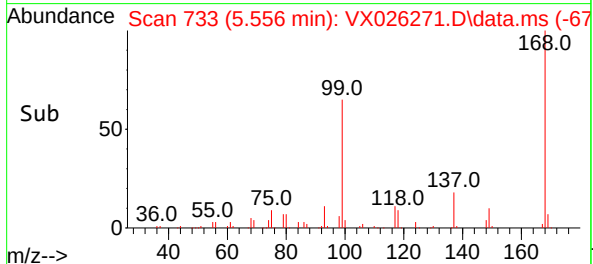


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :

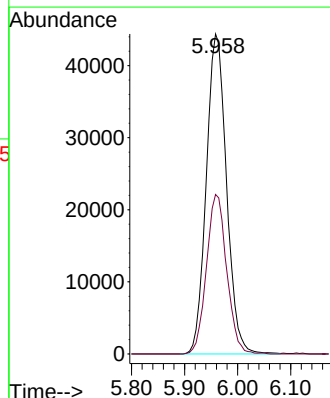
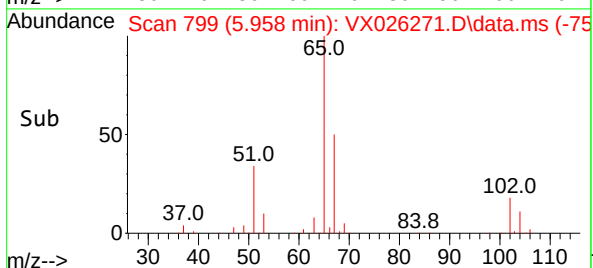
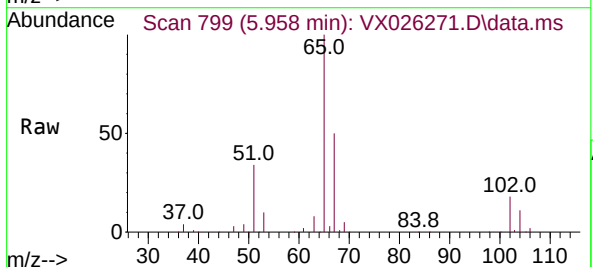


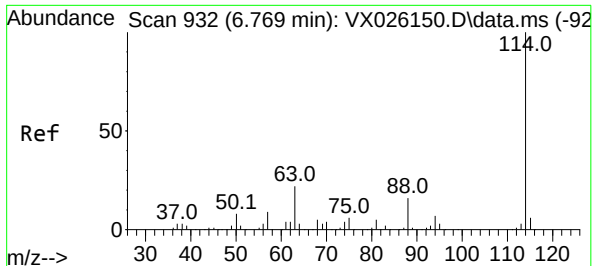
Tgt Ion: 56 Resp: 3729
Ion Ratio Lower Upper
56 100
69 162.7 23.9 35.9#
84 99.8 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 54.469 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 65 Resp: 117642
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

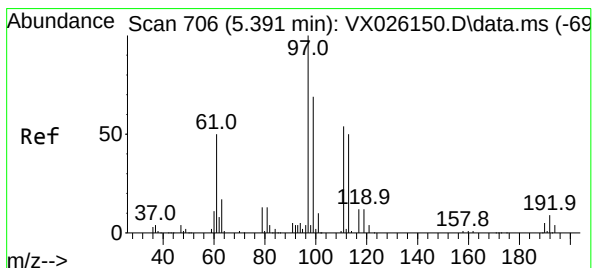
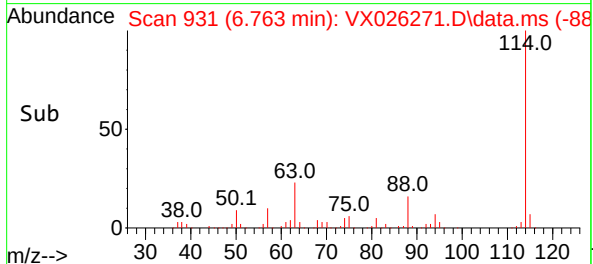
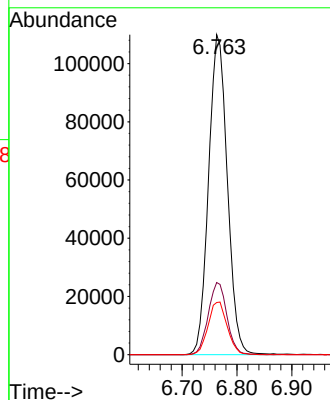
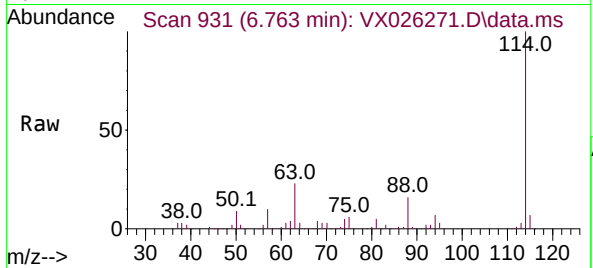




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

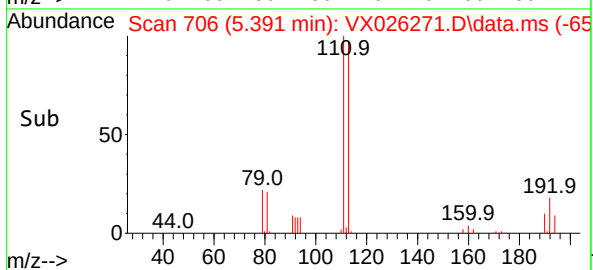
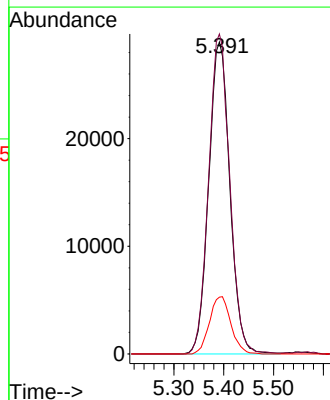
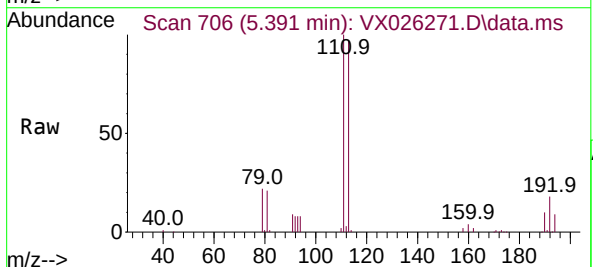
Instrument :
MSVOA_X
ClientSampleId :

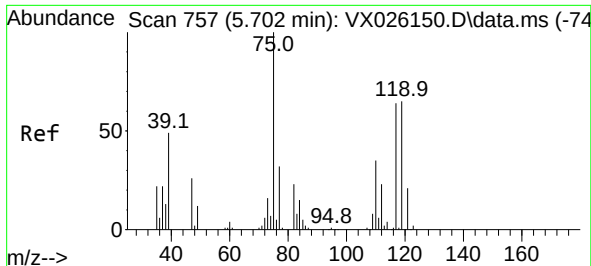
Tgt Ion:114 Resp: 260443
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

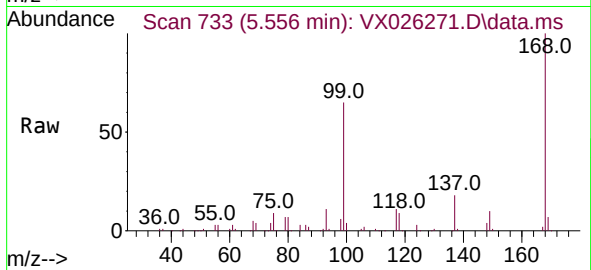
Tgt Ion:113 Resp: 85270
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 18.5 15.0 22.4



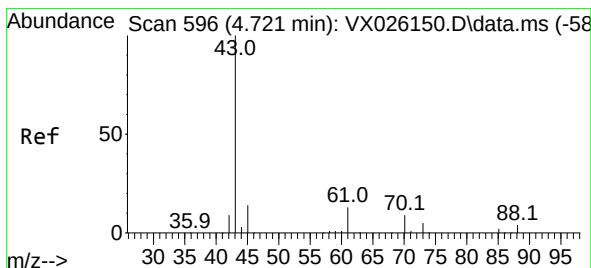
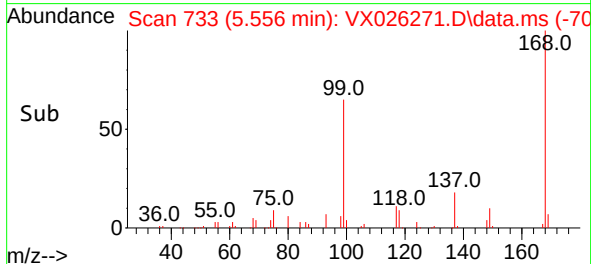
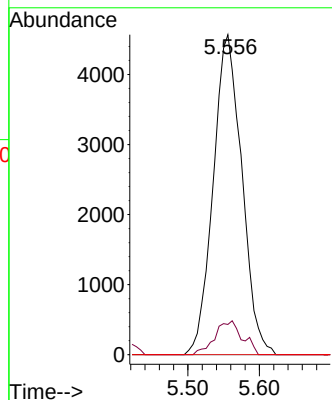


#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :

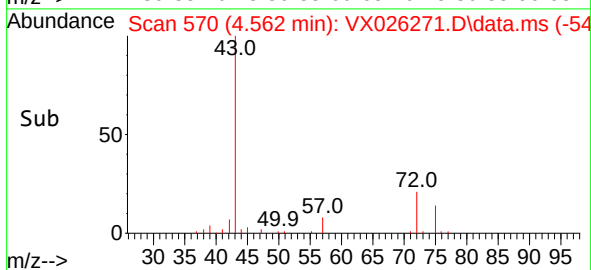
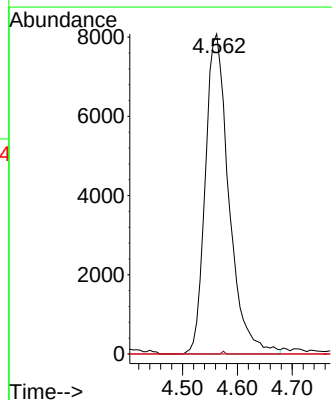
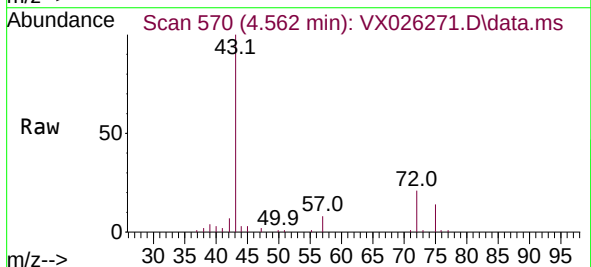


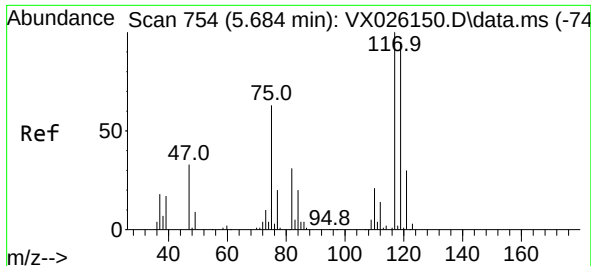
Tgt Ion: 75 Resp: 12715
Ion Ratio Lower Upper
75 100
110 10.1 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 7.625 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.159 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

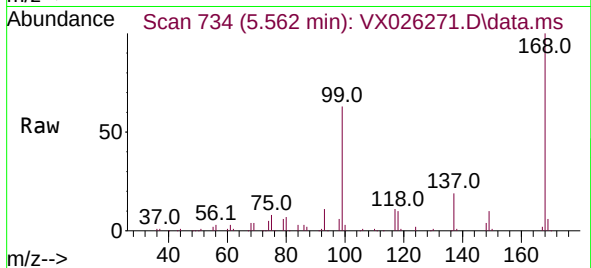
Tgt Ion: 43 Resp: 24145
Ion Ratio Lower Upper
43 100
61 0.1 10.7 16.1#
70 0.0 8.5 12.7#



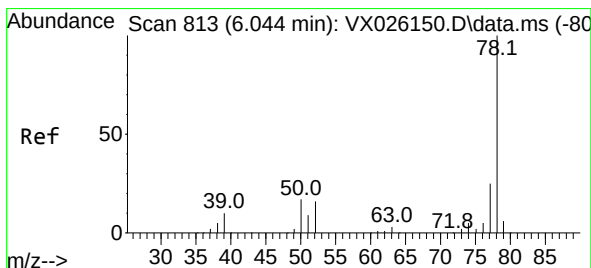
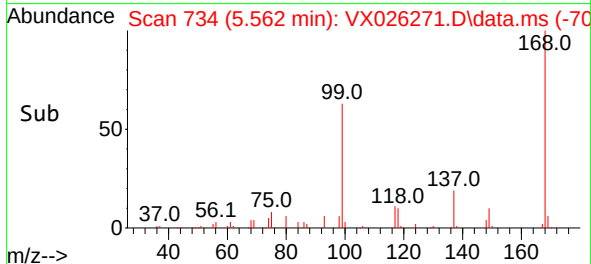
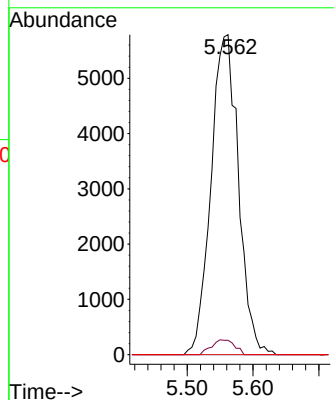


#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :

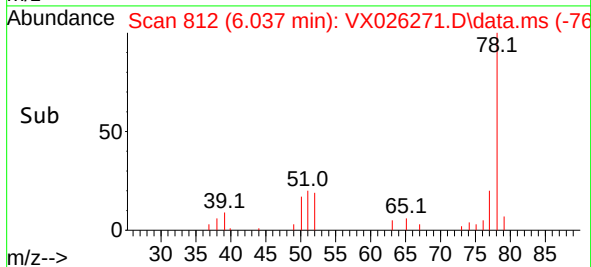
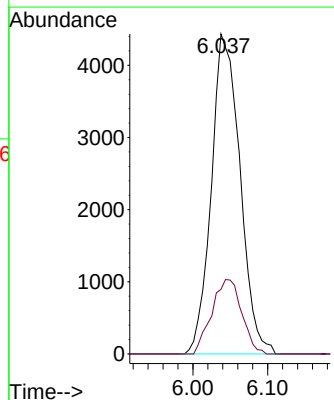
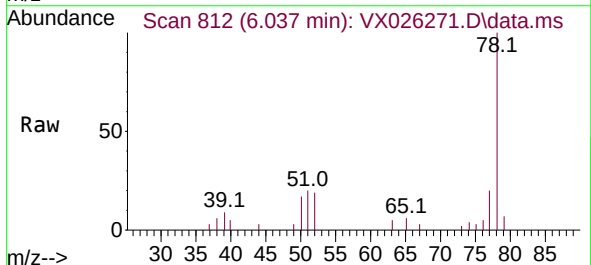


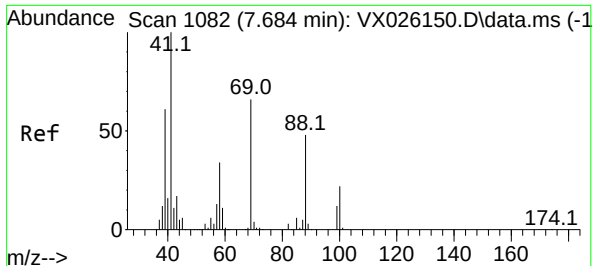
Tgt Ion:117 Resp: 16806
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 23.8 35.8#



#40
Benzene
Concen: 1.517 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 78 Resp: 11821
Ion Ratio Lower Upper
78 100
77 20.2 18.6 27.8





#49

1,4-Dioxane

Concen: 37.709 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.019 min

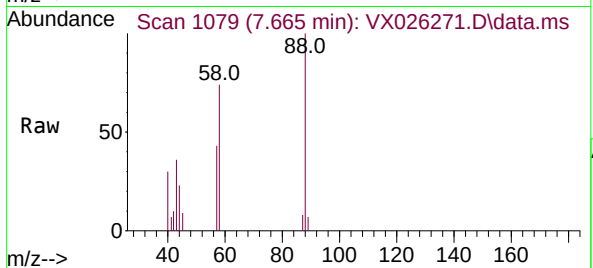
Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

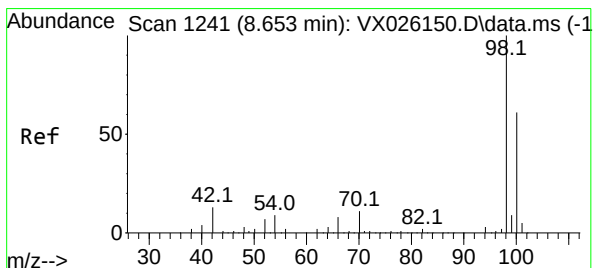
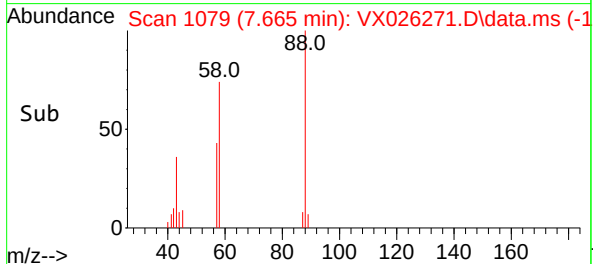
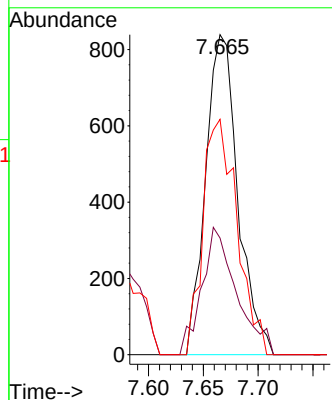
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	1720
Ion	Ratio	Lower	Upper
88	100		
43	42.7	25.3	37.9#
58	77.7	51.8	77.6#



#50

Toluene-d8

Concen: 48.676 ug/l

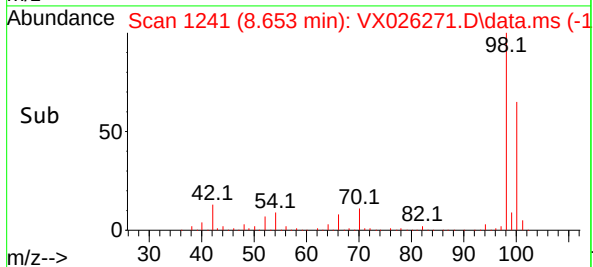
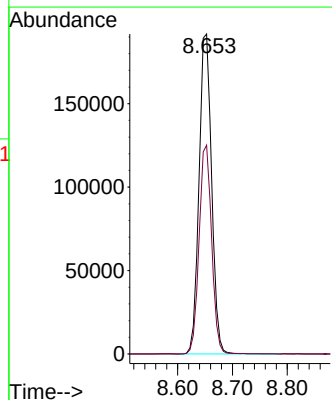
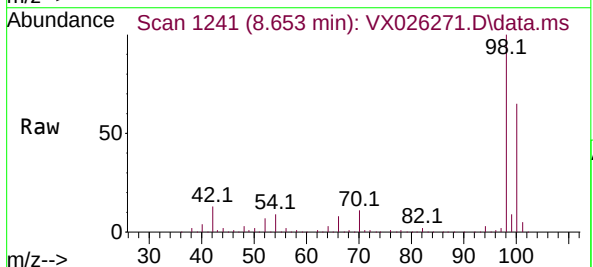
RT: 8.653 min Scan# 1241

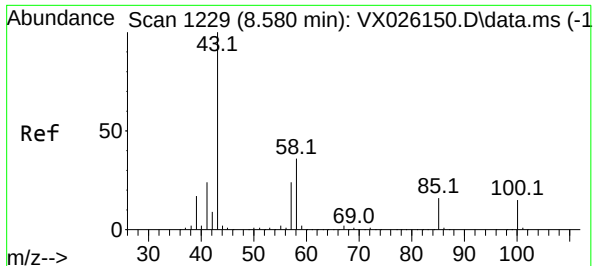
Delta R.T. -0.000 min

Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

Tgt Ion:	98	Resp:	306566
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 0.837 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

Instrument :

MSVOA_X

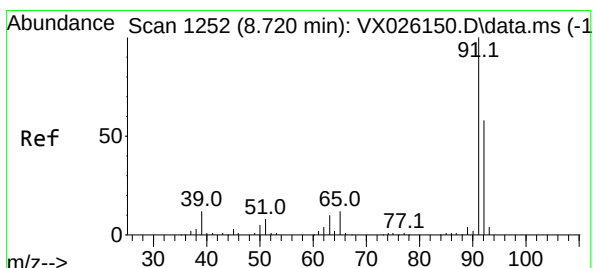
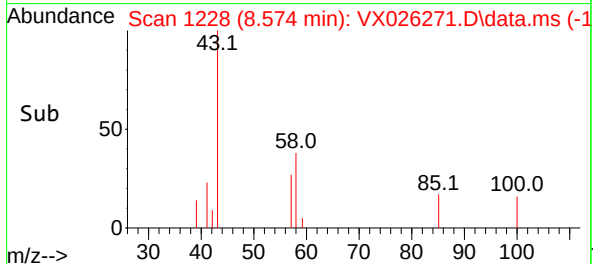
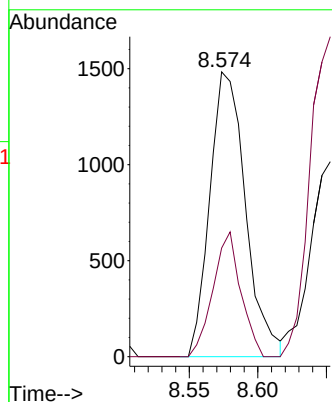
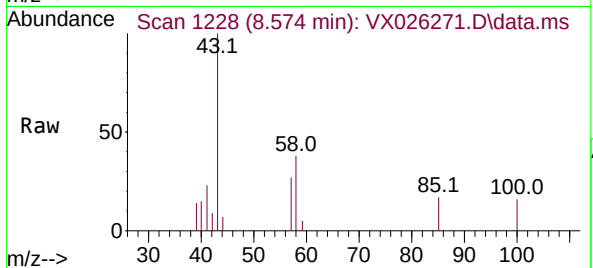
ClientSampleId :

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

58 34.1 30.8 46.2



#52

Toluene

Concen: 1.859 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026271.D

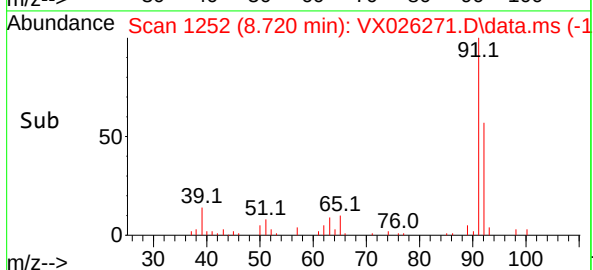
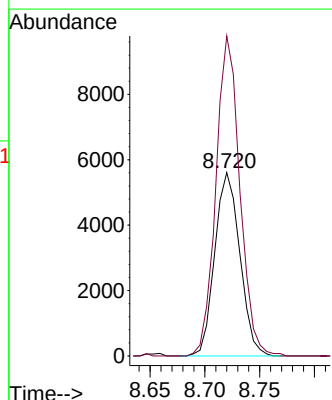
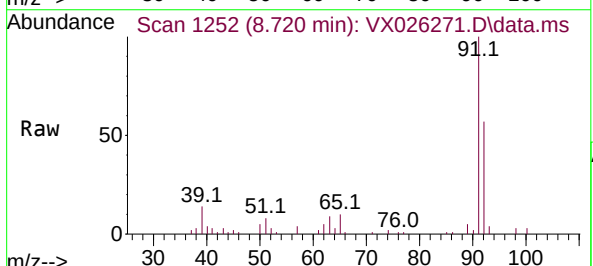
Acq: 04 Jan 2022 15:04

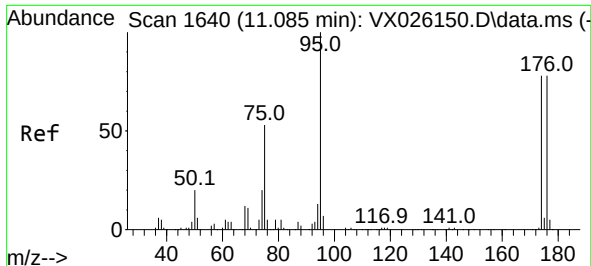
Tgt Ion: 92 Resp: 8919

Ion Ratio Lower Upper

92 100

91 166.9 136.0 204.0

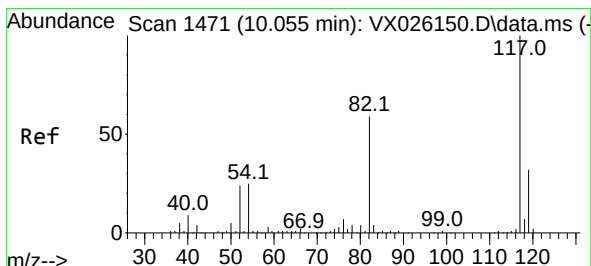
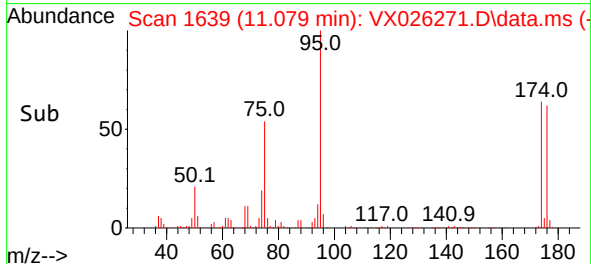
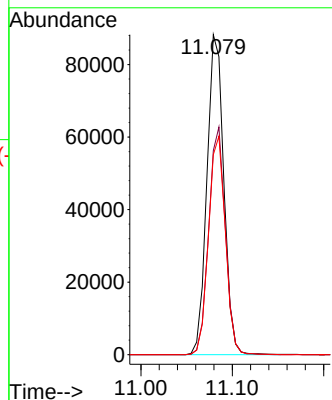
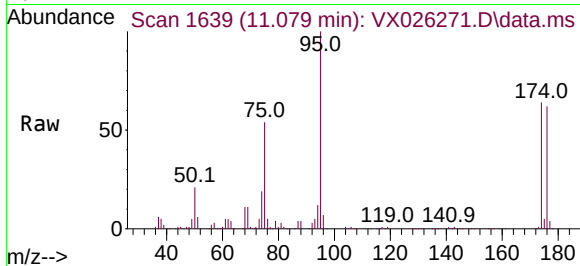




#62
4-Bromofluorobenzene
Concen: 50.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

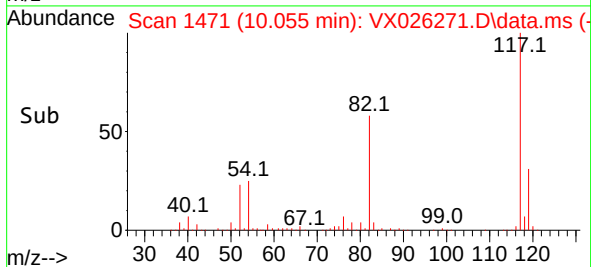
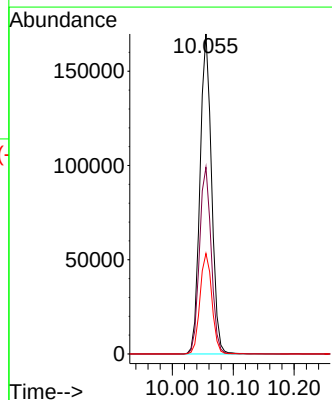
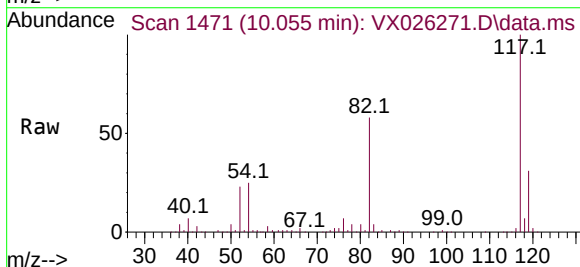
Instrument :
MSVOA_X
ClientSampleId :

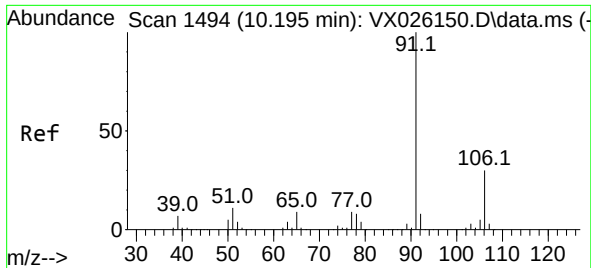
Tgt Ion: 95 Resp: 112963
Ion Ratio Lower Upper
95 100
174 70.0 0.0 157.4
176 68.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 117 Resp: 223797
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.6
119 31.4 25.2 37.8

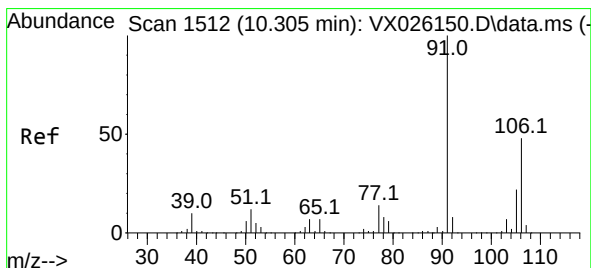
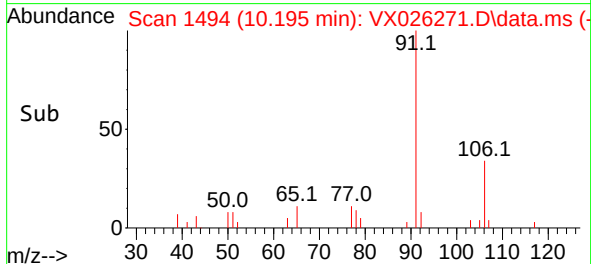
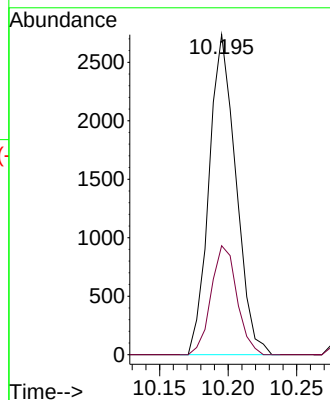
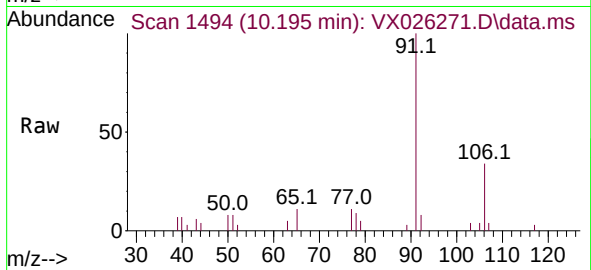




#67
Ethyl Benzene
Concen: 0.424 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

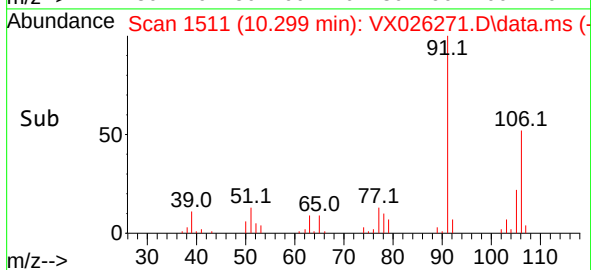
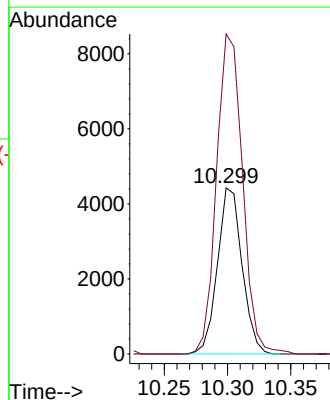
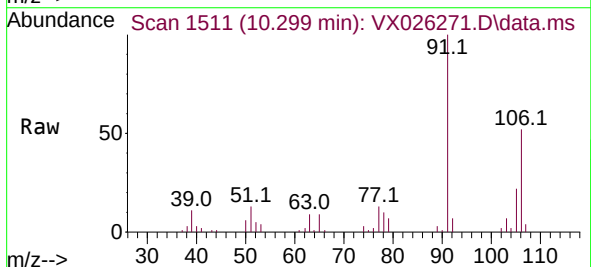
Instrument :
MSVOA_X
ClientSampleId :

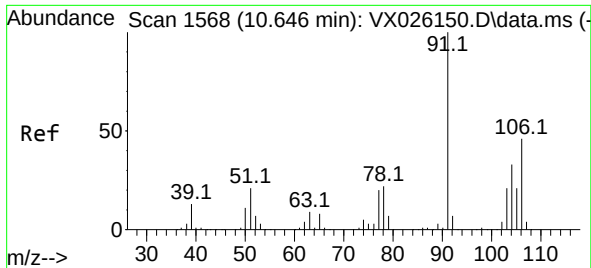
Tgt Ion: 91 Resp: 3727
Ion Ratio Lower Upper
91 100
106 34.1 25.7 38.5



#68
m/p-Xylenes
Concen: 1.824 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 106 Resp: 5988
Ion Ratio Lower Upper
106 100
91 203.2 158.6 238.0

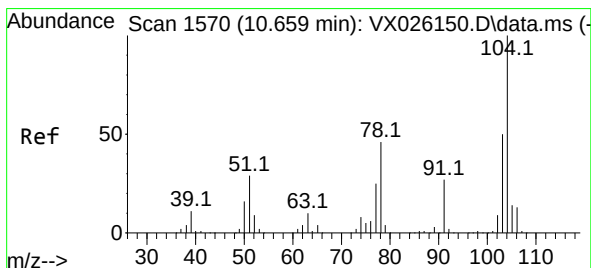
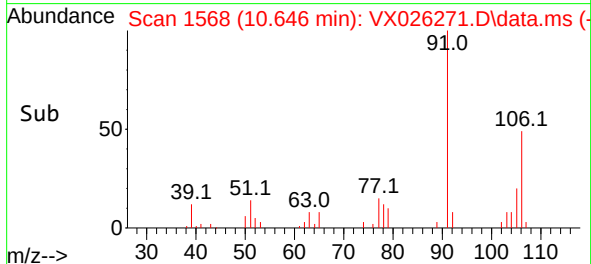
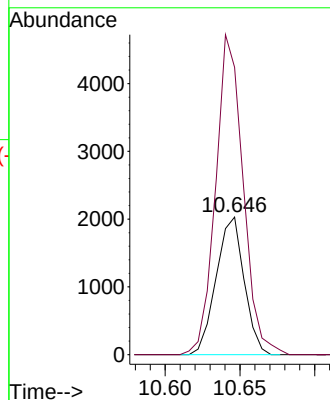
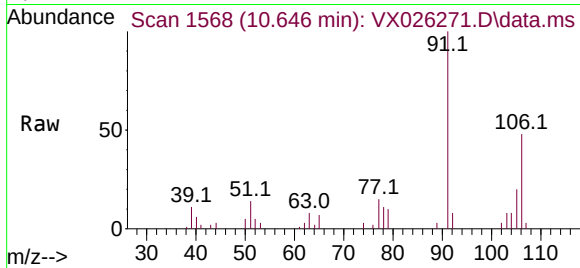




#69
o-Xylene
Concen: 0.821 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

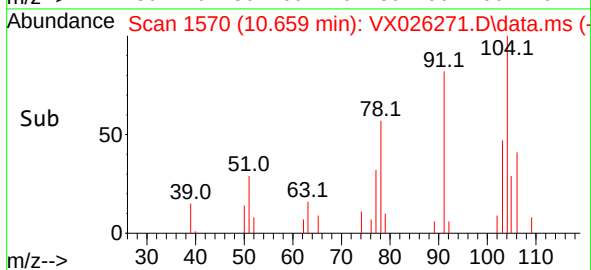
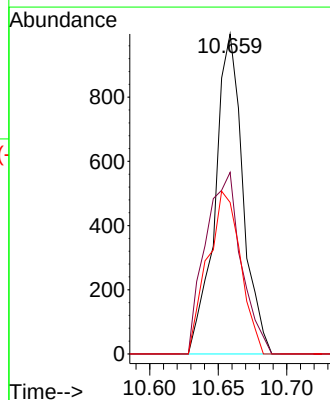
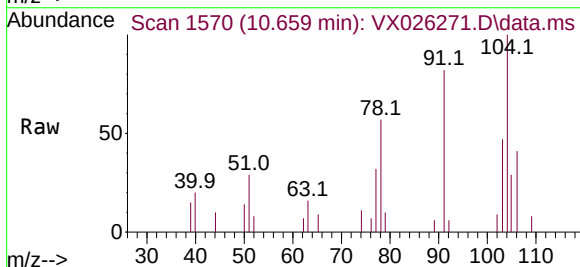
Instrument :
MSVOA_X
ClientSampleId :

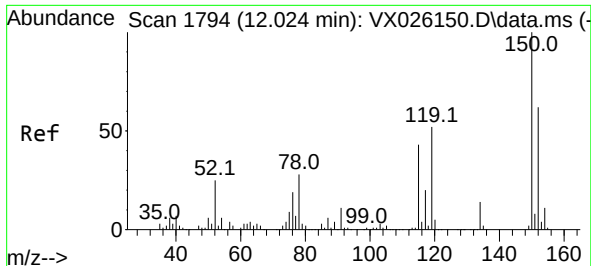
Tgt Ion:106 Resp: 2637
Ion Ratio Lower Upper
106 100
91 228.7 105.5 316.4



#70
Styrene
Concen: 0.268 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

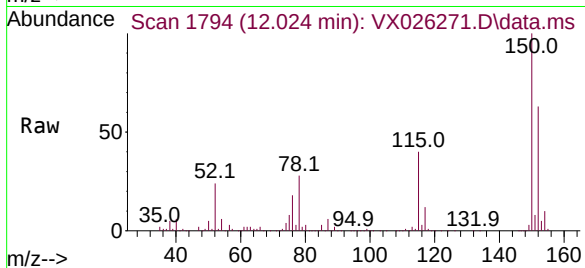
Tgt Ion:104 Resp: 1410
Ion Ratio Lower Upper
104 100
78 72.8 39.8 59.6#
103 60.1 43.0 64.6



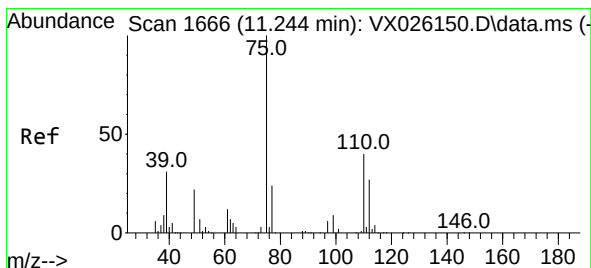
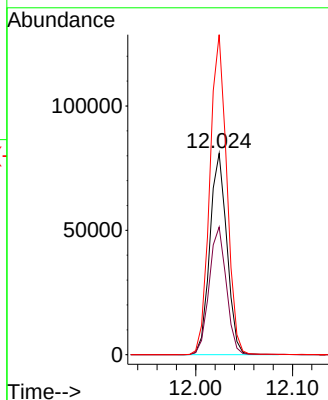
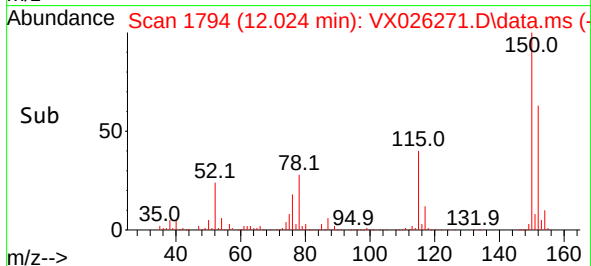


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026271.D
 Acq: 04 Jan 2022 15:04

Instrument :
 MSVOA_X
 ClientSampleId :

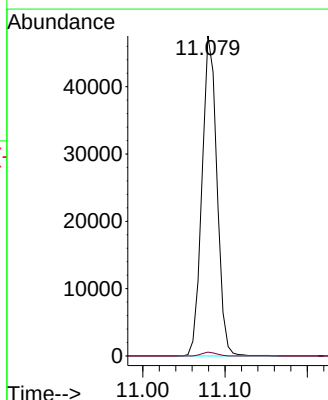
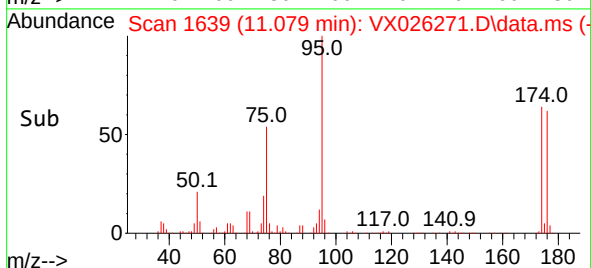
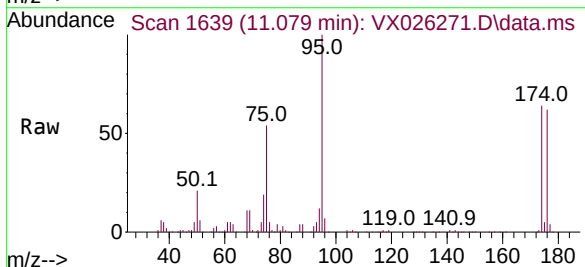


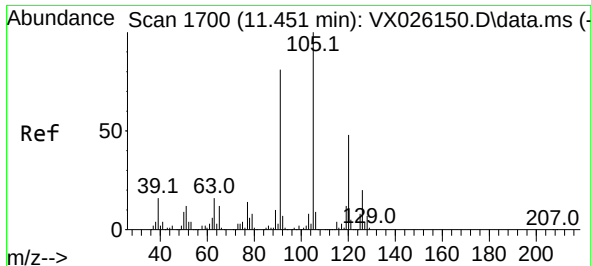
Tgt Ion:152 Resp: 99113
 Ion Ratio Lower Upper
 152 100
 115 63.7 41.3 123.9
 150 158.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.113 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026271.D
 Acq: 04 Jan 2022 15:04

Tgt Ion: 75 Resp: 60079
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#

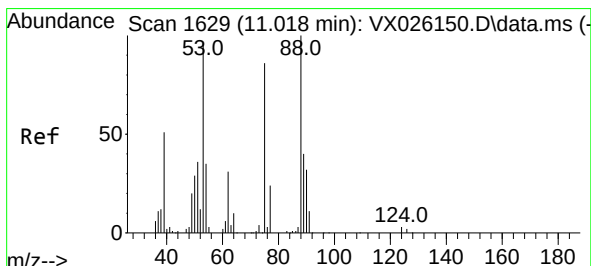
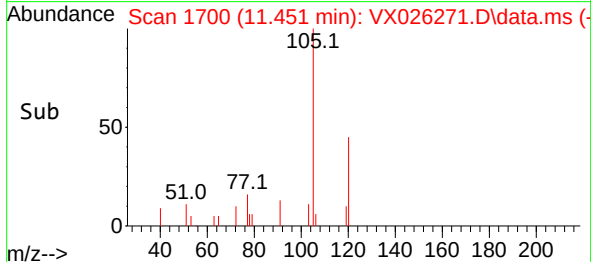
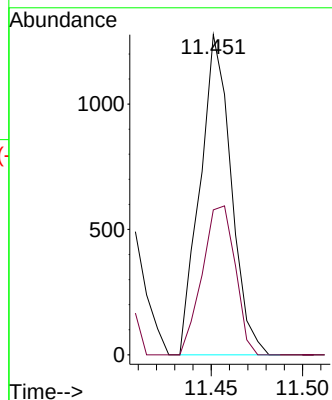
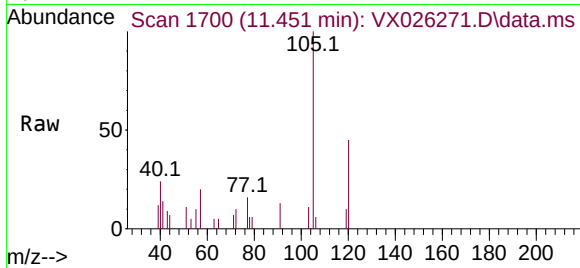




#80
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

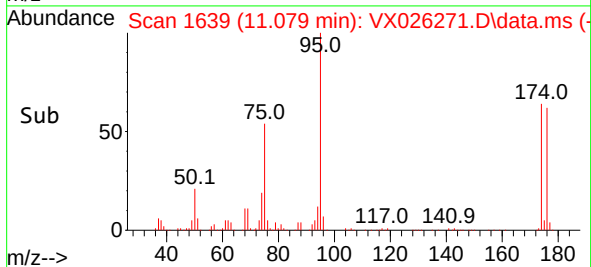
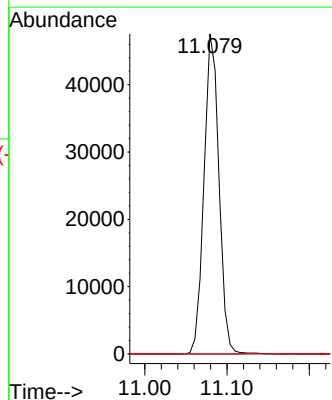
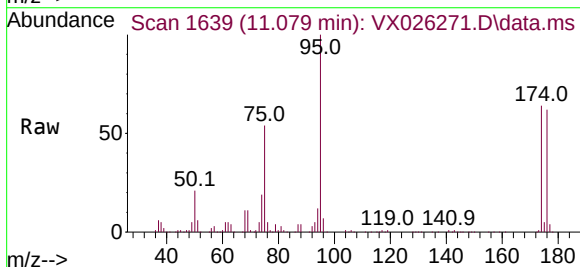
Instrument :
MSVOA_X
ClientSampleId :

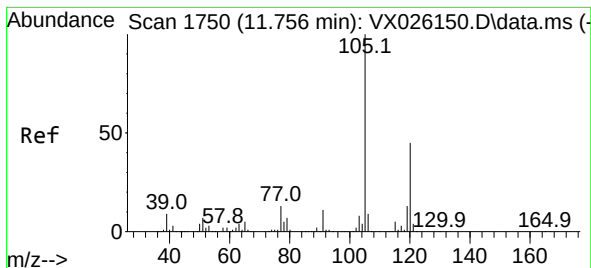
Tgt Ion:105 Resp: 1510
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 72.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026271.D
Acq: 04 Jan 2022 15:04

Tgt Ion: 75 Resp: 60079
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.581 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

Instrument :

MSVOA_X

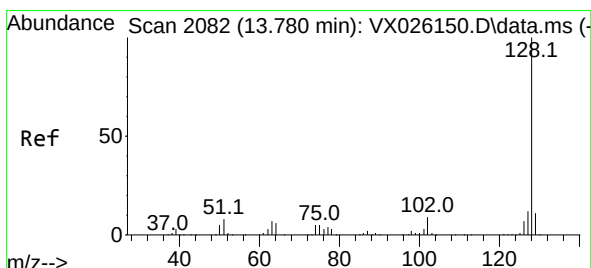
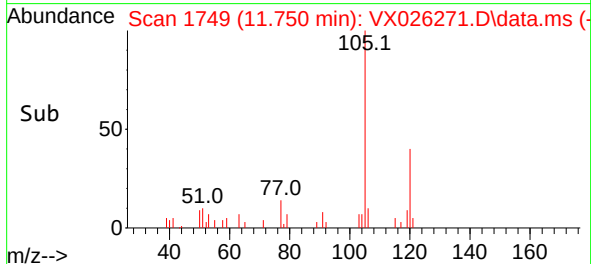
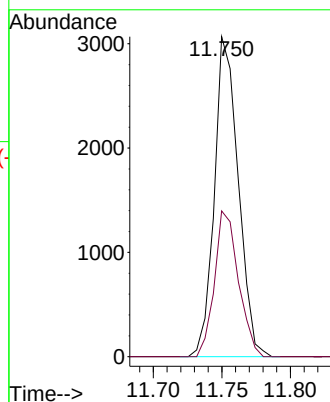
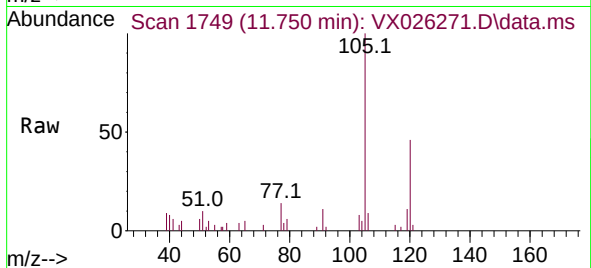
ClientSampleId :

Tgt Ion:105 Resp: 3709

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.7



#95

Naphthalene

Concen: 2.349 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX026271.D

Acq: 04 Jan 2022 15:04

Tgt Ion:128 Resp: 17992

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.0 8.8 13.2

