

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035589.D
 Acq On : 10 May 2023 16:23
 Operator : JC/MD
 Sample : 02658-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 509DL

Quant Time: May 11 04:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	316061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158798	41.645	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.300%
35) Dibromofluoromethane	5.385	113	152695	49.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	8.647	98	581830	50.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	216408	49.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	784	0.258	ug/l	97
11) Tert butyl alcohol	2.977	59	157	0.226	ug/l #	73
13) Acrolein	2.221	56	189	0.277	ug/l #	1
14) Allyl chloride	2.581	41	4662	0.863	ug/l #	61
16) Acetone	2.386	43	110817	66.915	ug/l	95
17) Carbon Disulfide	2.508	76	1778	0.242	ug/l #	91
19) Methyl tert-butyl Ether	3.111	73	16610	1.577	ug/l #	90
20) Methylene Chloride	2.794	84	1596	0.420	ug/l #	72
25) 2-Butanone	4.568	43	4567	1.889	ug/l	98
29) Tetrahydrofuran	5.013	42	344	0.222	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	20490	4.273	ug/l #	52
37) Ethyl Acetate	4.721	43	3126	0.714	ug/l	99
38) Carbon Tetrachloride	5.544	117	29450	6.469	ug/l #	16
40) Benzene	6.038	78	136608	9.930	ug/l	98
42) 1,2-Dichloroethane	6.038	62	1045	0.213	ug/l #	75
49) 1,4-Dioxane	7.696	88	1303	14.807	ug/l #	59
51) 4-Methyl-2-Pentanone	8.574	43	231713	51.246	ug/l	93
52) Toluene	8.720	92	463611	53.166	ug/l	98
56) Ethyl methacrylate	9.031	69	3256	0.629	ug/l #	88
59) 2-Hexanone	9.433	43	1793	0.528	ug/l	80
67) Ethyl Benzene	10.195	91	144491	8.548	ug/l	99
68) m/p-Xylenes	10.299	106	229852	35.486	ug/l	97
69) o-Xylene	10.640	106	144527	22.755	ug/l	98
70) Styrene	10.640	104	7987	0.776	ug/l #	1
73) Isopropylbenzene	10.963	105	14237	0.919	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	98345	23.270	ug/l #	34
78) n-propylbenzene	11.305	91	28146	1.582	ug/l	97
79) 2-Chlorotoluene	11.378	91	20939	1.884	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	57598	4.411	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	98345	75.366	ug/l #	8
82) 4-Chlorotoluene	11.451	91	6951	0.557	ug/l #	57
83) tert-Butylbenzene	11.750	119	37794	2.884	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.750	105	302973	23.090	ug/l	98
85) sec-Butylbenzene	11.750	105	302973	18.851	ug/l #	56
86) p-Isopropyltoluene	11.969	119	4238	0.310	ug/l	97
89) n-Butylbenzene	12.323	91	8440	0.731	ug/l #	23

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

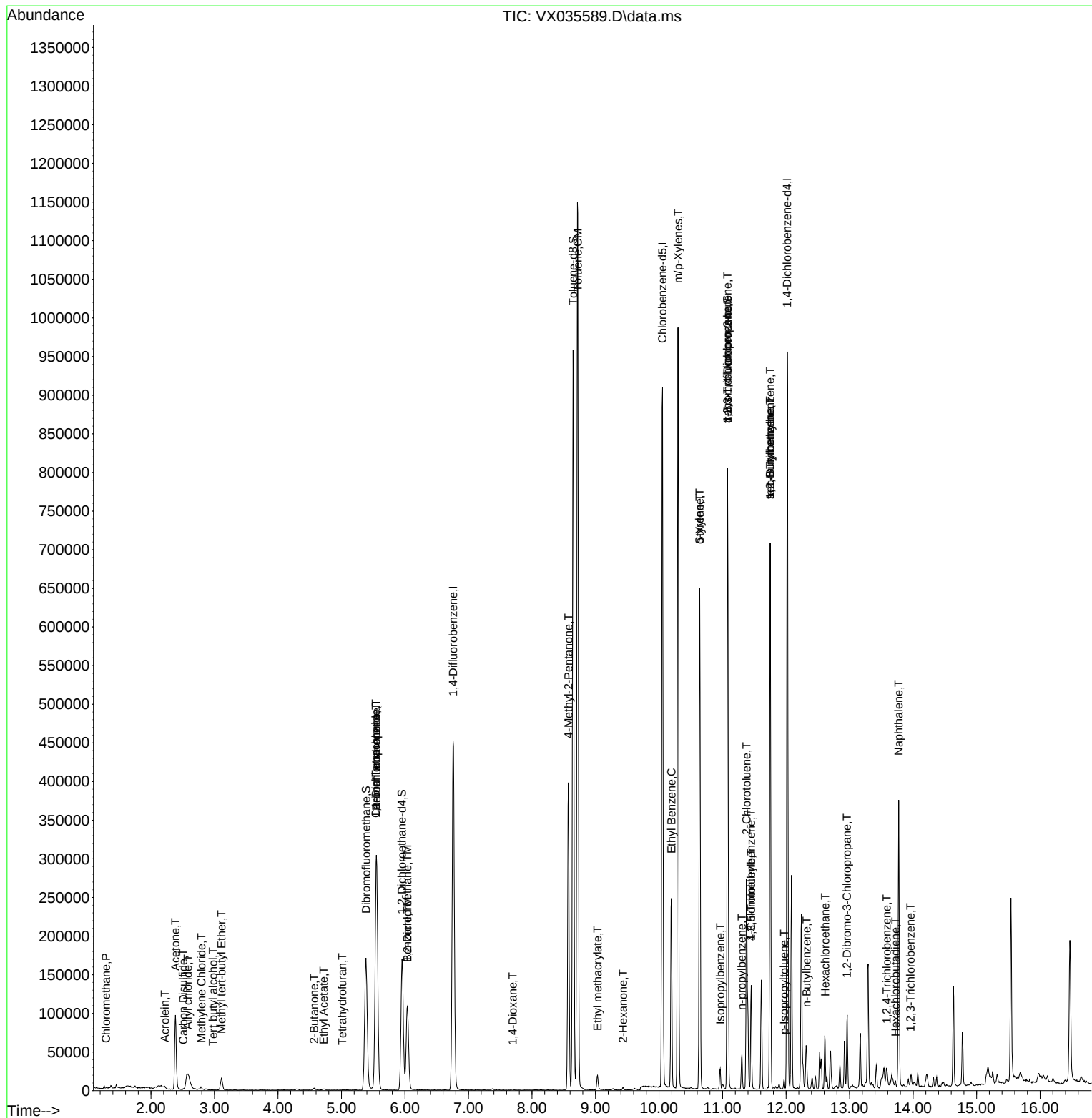
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.616	117	3139	1.500	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.957	75	320	0.332	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1460	0.317	ug/l #	77
94) Hexachlorobutadiene	13.725	225	1045	0.518	ug/l	95
95) Naphthalene	13.774	128	229826	16.231	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1603	0.346	ug/l	90

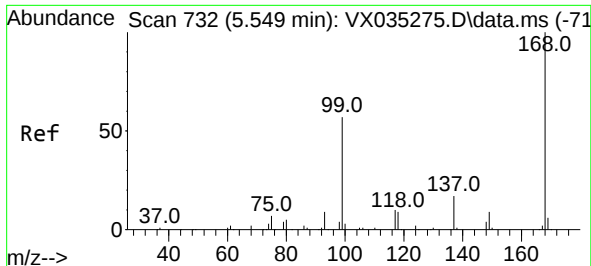
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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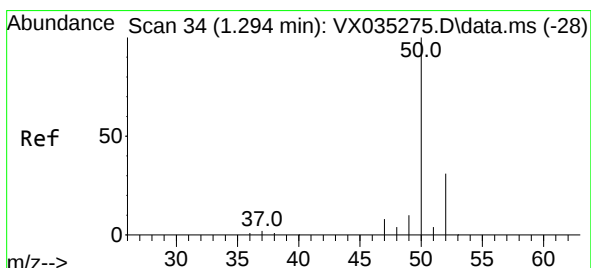
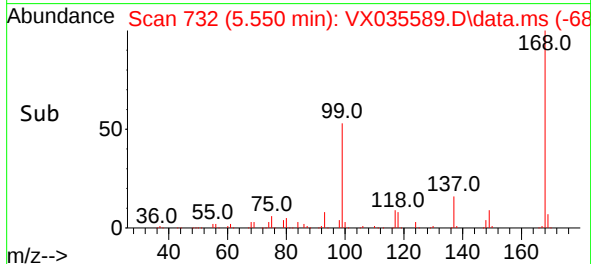
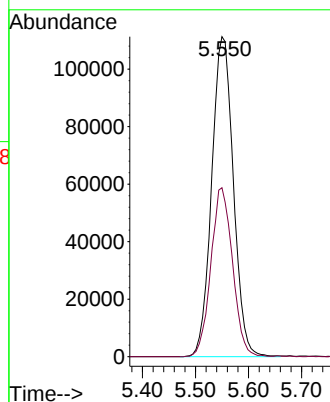
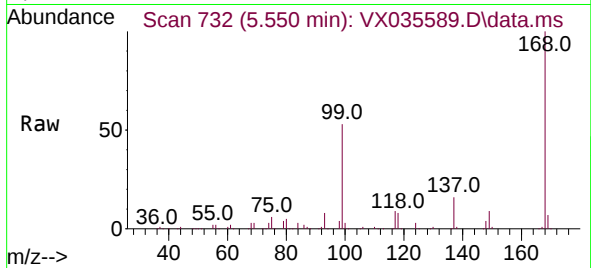




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

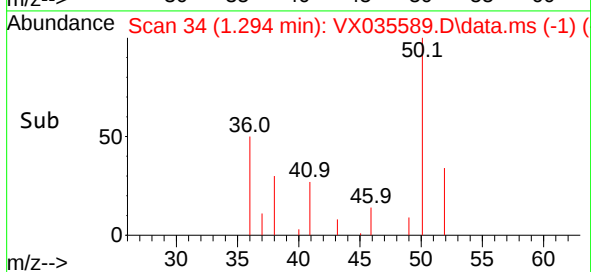
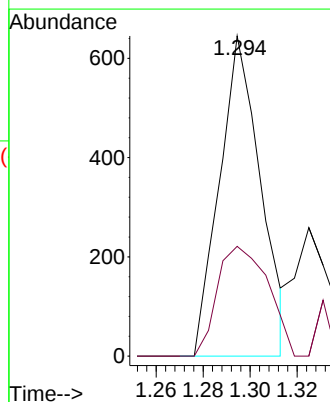
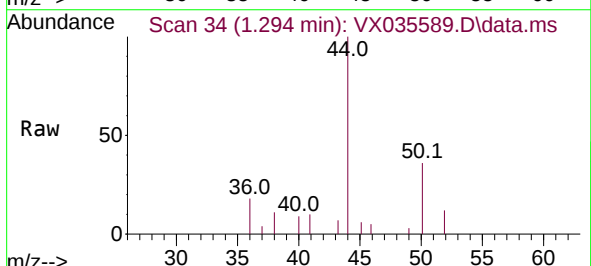
Instrument :
MSVOA_X
ClientSampleId :
509DL

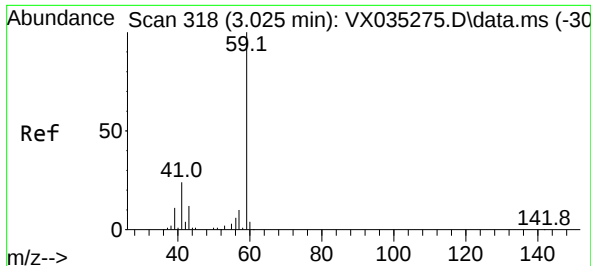
Tgt Ion:168 Resp: 316061
Ion Ratio Lower Upper
168 100
99 52.8 45.7 68.5



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 50 Resp: 784
Ion Ratio Lower Upper
50 100
52 34.3 25.9 38.9

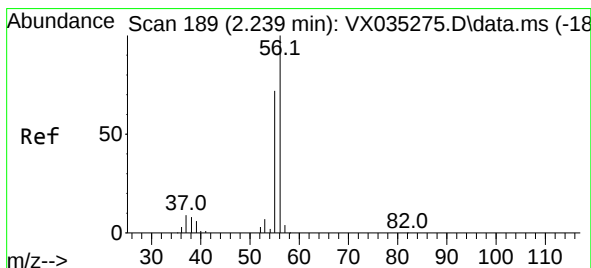
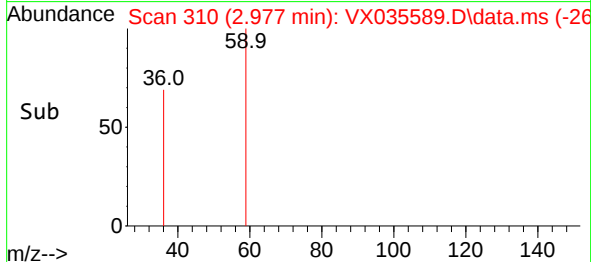
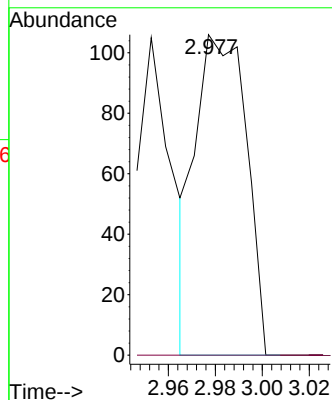
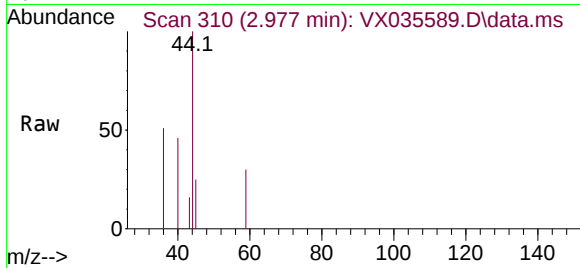




#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.048 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

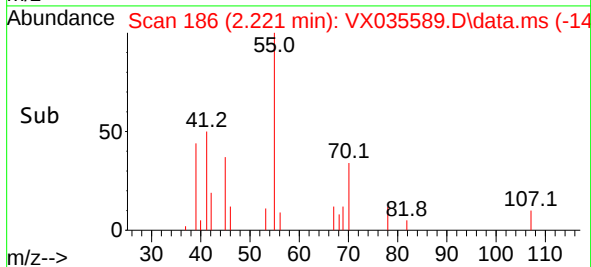
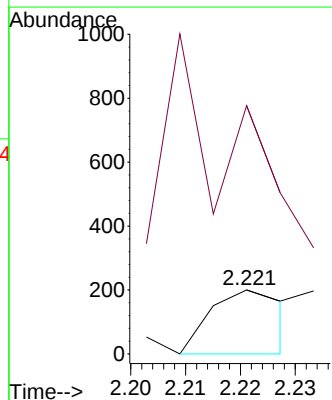
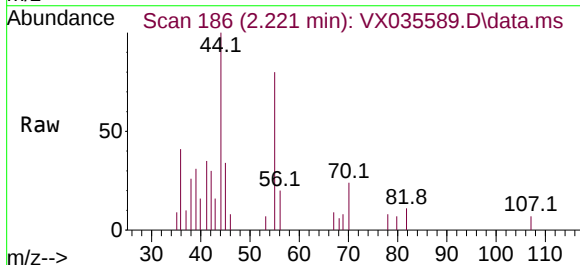
Instrument :
MSVOA_X
ClientSampleId :
509DL

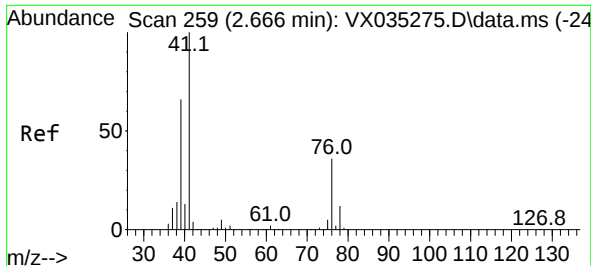
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.277 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 706.9 56.6 85.0#





#14

Allyl chloride

Concen: 0.863 ug/l

RT: 2.581 min Scan# 24

Delta R.T. -0.085 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

509DL

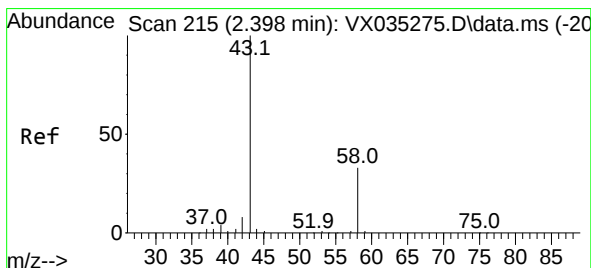
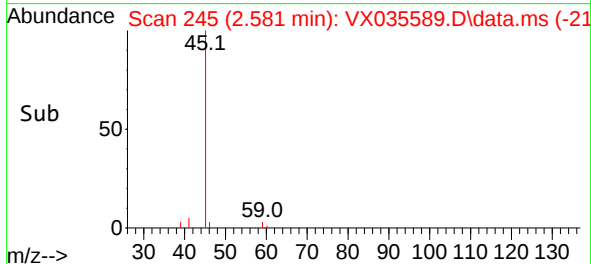
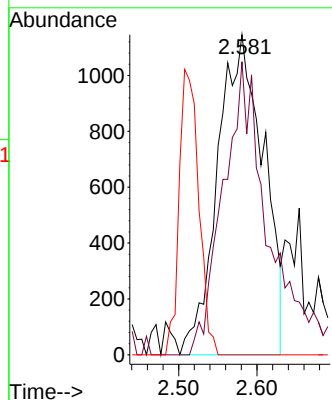
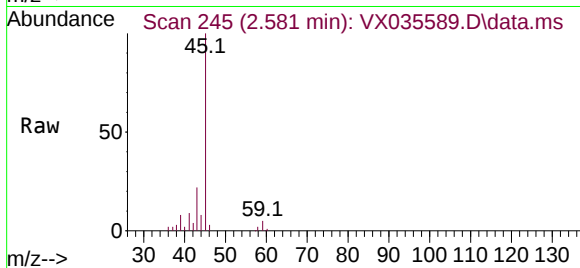
Tgt Ion: 41 Resp: 4662

Ion Ratio Lower Upper

41 100

39 88.8 52.4 78.6#

76 0.0 26.0 39.0#



#16

Acetone

Concen: 66.915 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035589.D

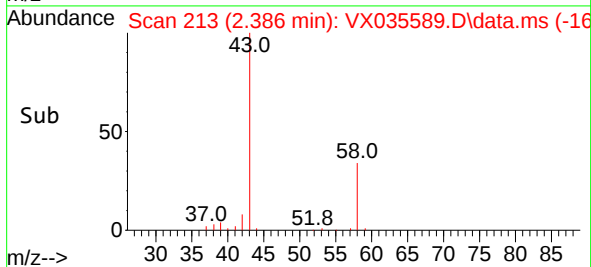
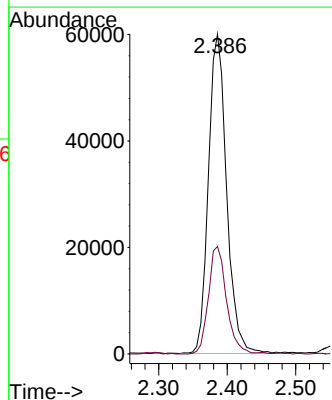
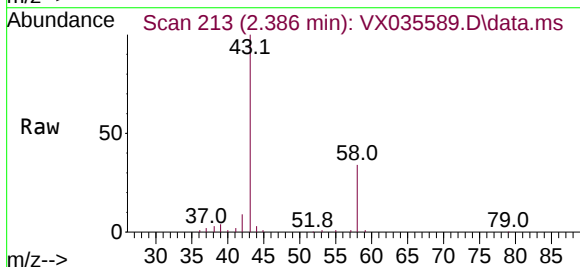
Acq: 10 May 2023 16:23

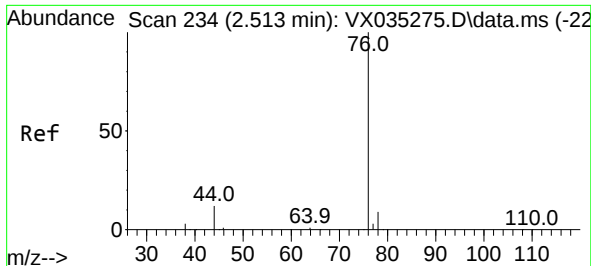
Tgt Ion: 43 Resp: 110817

Ion Ratio Lower Upper

43 100

58 33.6 24.7 37.1

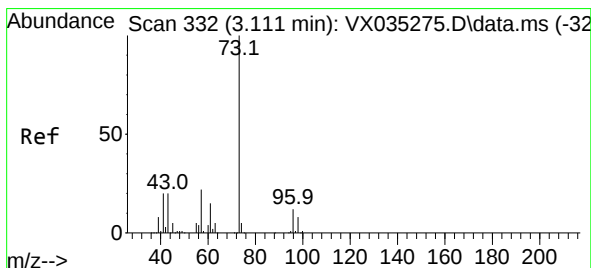
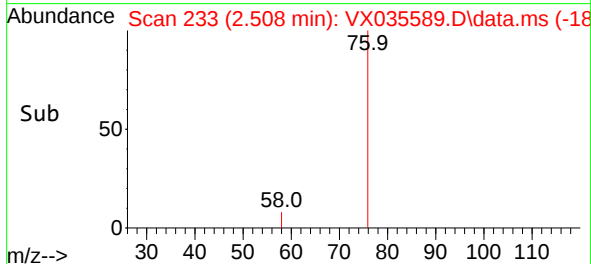
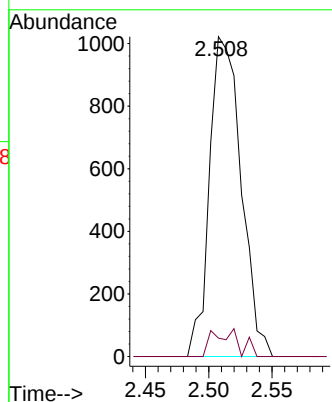
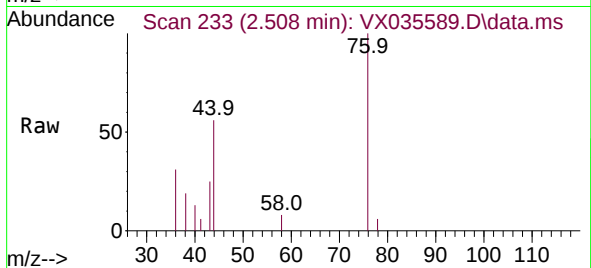




#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

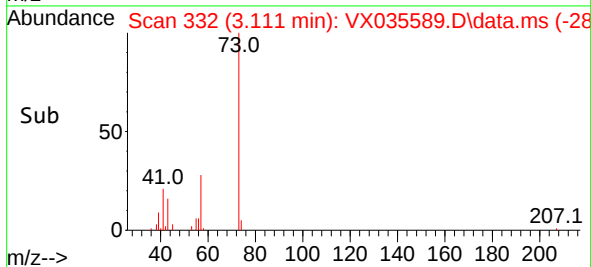
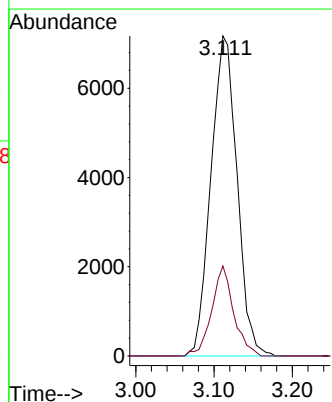
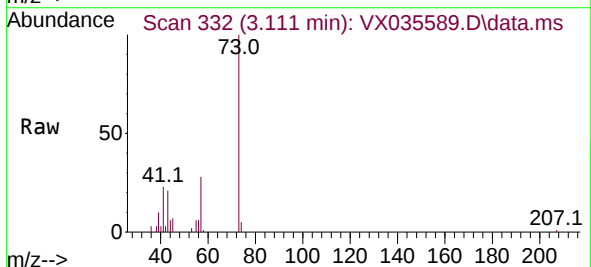
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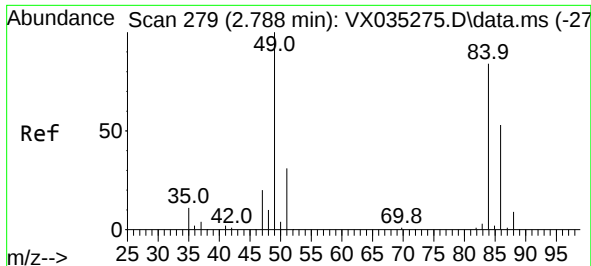
Tgt Ion: 76 Resp: 1778
Ion Ratio Lower Upper
76 100
78 5.8 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 1.577 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 73 Resp: 16610
Ion Ratio Lower Upper
73 100
57 28.1 18.5 27.7#

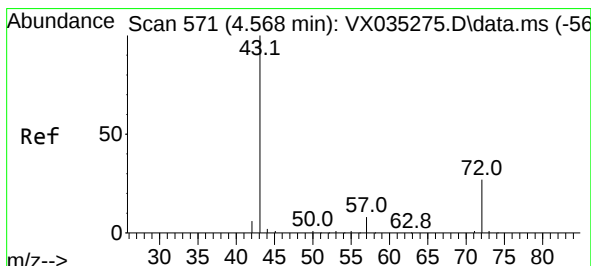
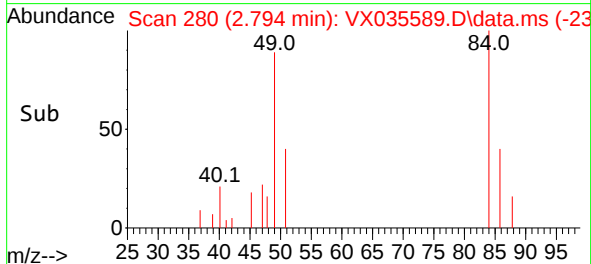
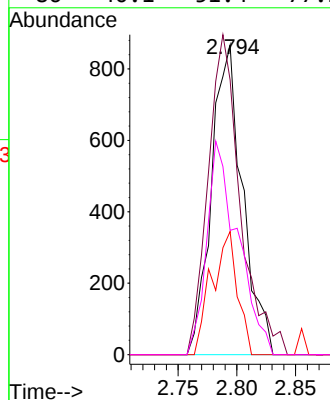
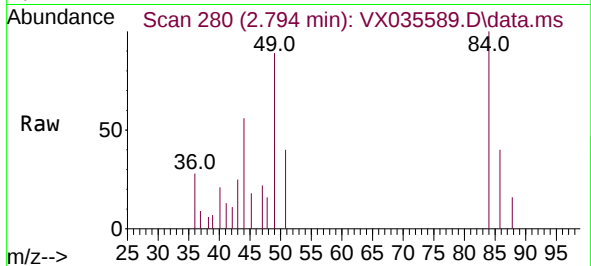




#20
Methylene Chloride
Concen: 0.420 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

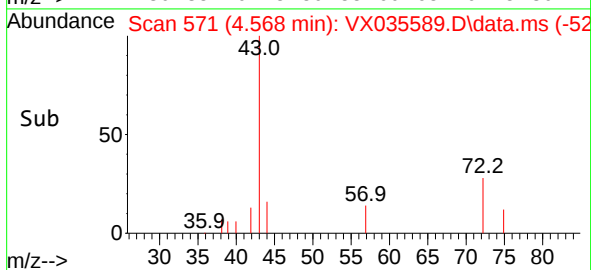
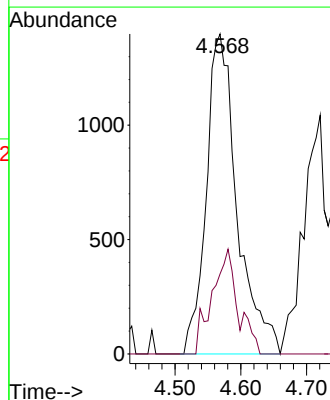
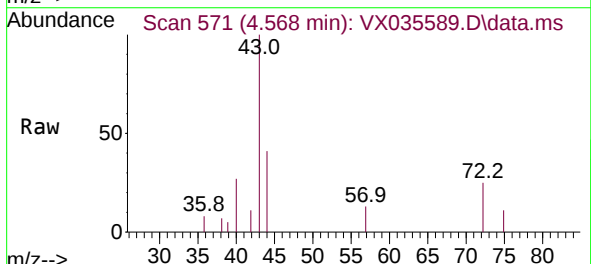
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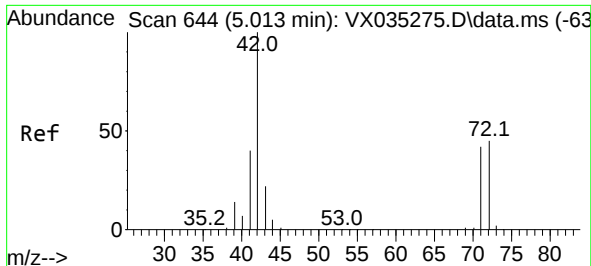
Tgt Ion: 84 Resp: 1596
Ion Ratio Lower Upper
84 100
49 88.7 103.8 155.8#
51 39.8 31.8 47.8
86 40.1 51.4 77.2#



#25
2-Butanone
Concen: 1.889 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 43 Resp: 4567
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9





#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

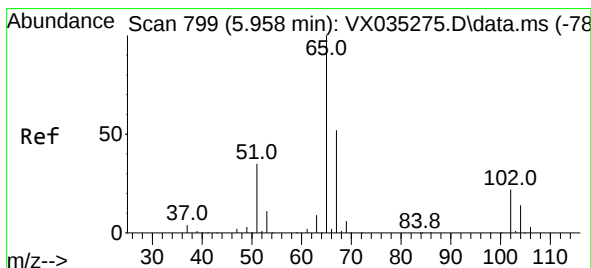
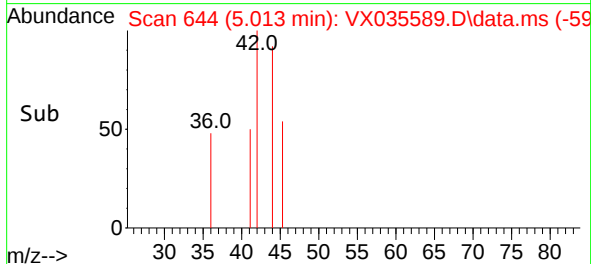
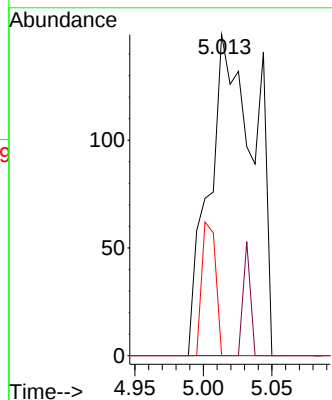
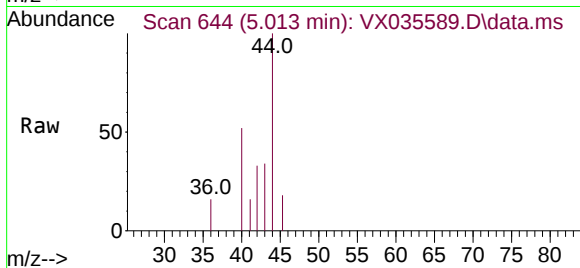
Instrument :

MSVOA_X

ClientSampleId :

509DL

Tgt Ion:	42	Resp:	344
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	12.8	32.1	48.1#



#33

1,2-Dichloroethane-d4

Concen: 41.645 ug/l

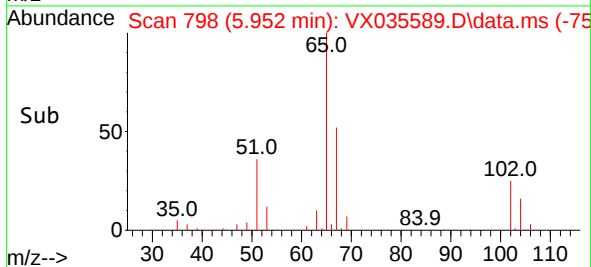
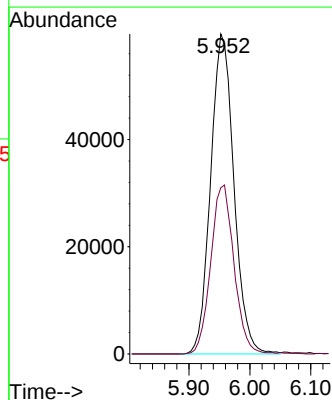
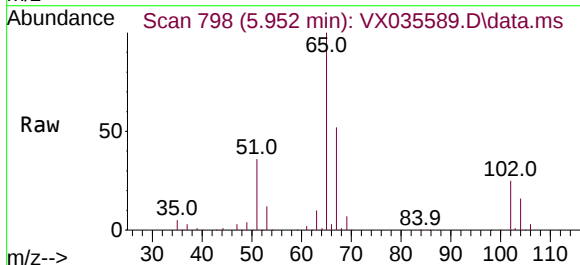
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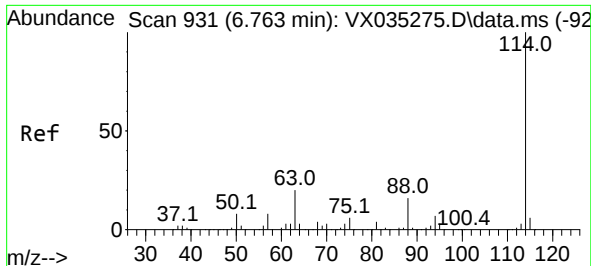
Delta R.T. -0.006 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Tgt Ion:	65	Resp:	158798
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.0

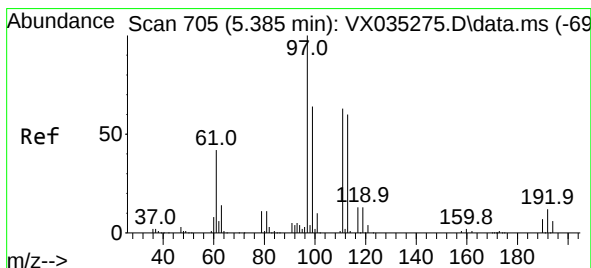
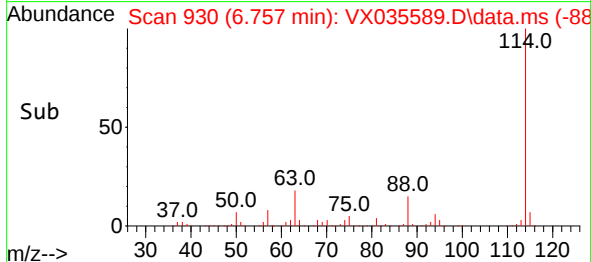
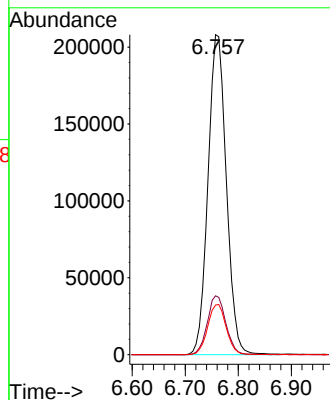
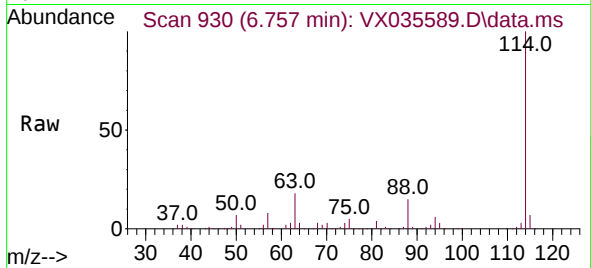




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

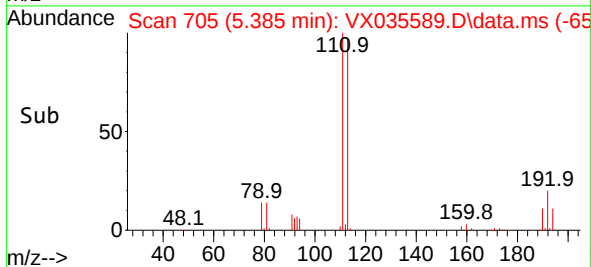
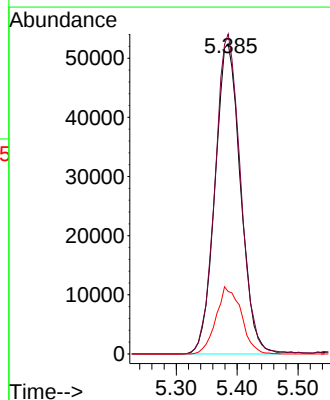
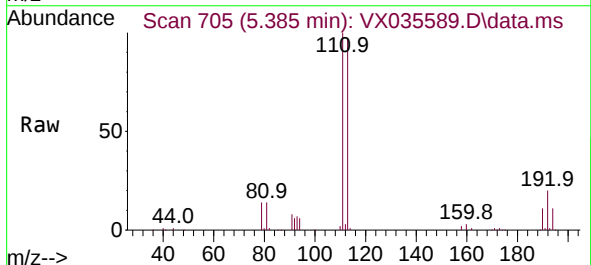
Instrument :
MSVOA_X
ClientSampleId :
509DL

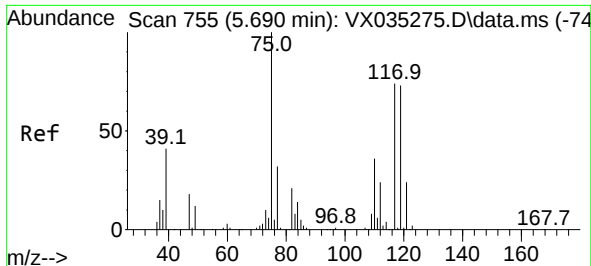
Tgt Ion:114 Resp: 500391
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion:113 Resp: 152695
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 21.4 15.4 23.2

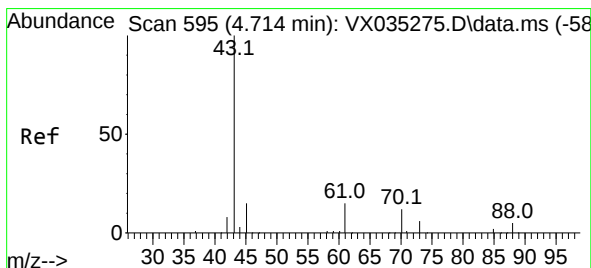
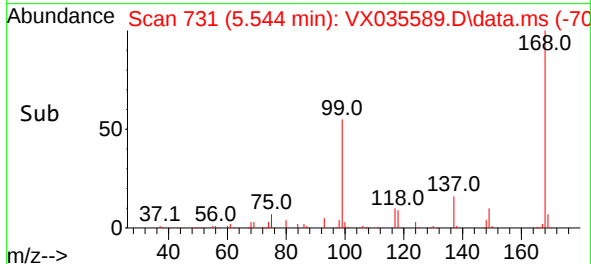
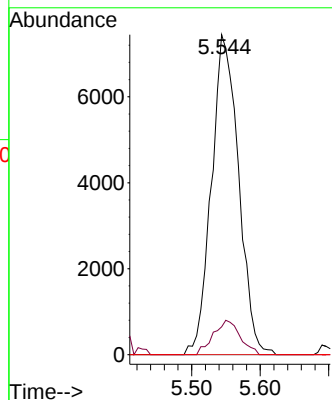
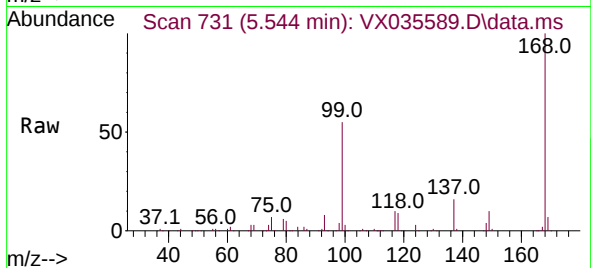




#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

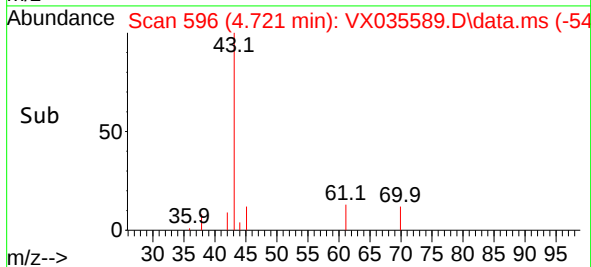
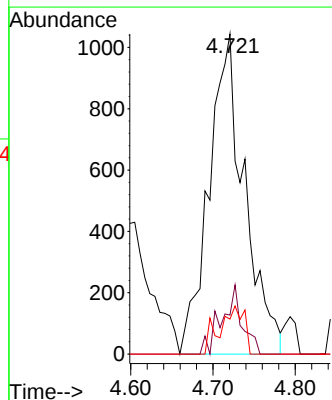
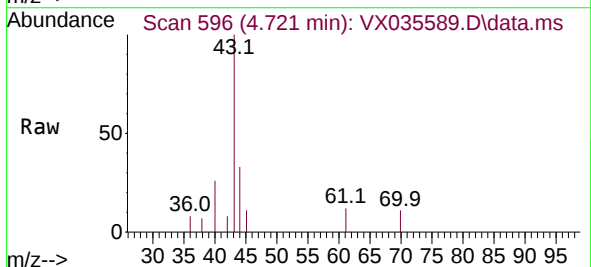
Instrument :
MSVOA_X
ClientSampleId :
509DL

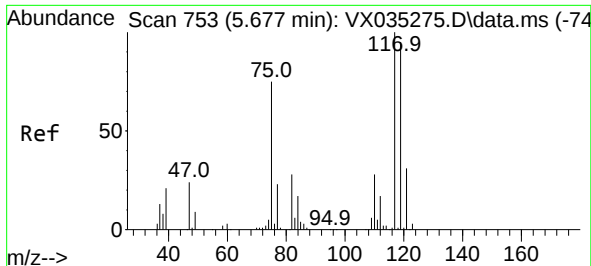
Tgt Ion: 75 Resp: 20490
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.714 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

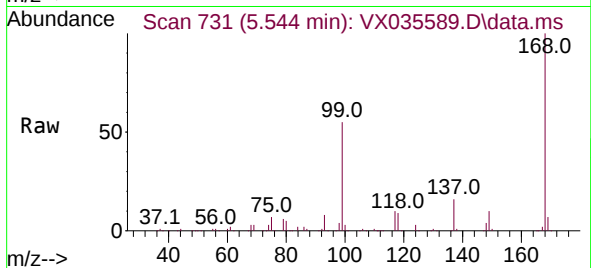
Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.4
70 10.3 8.2 12.4



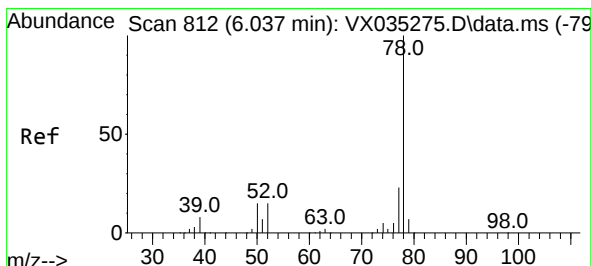
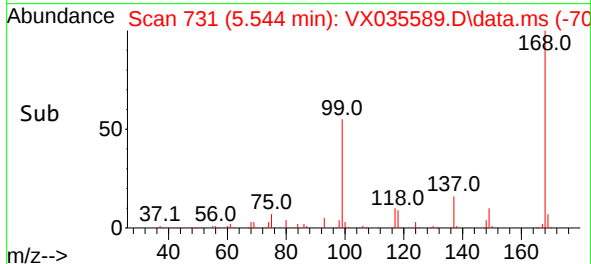
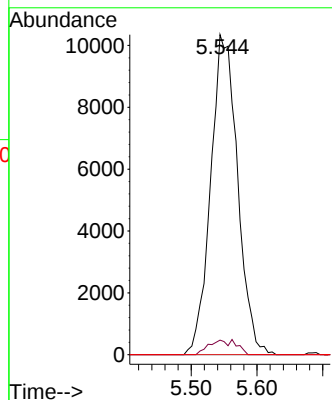


#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
509DL

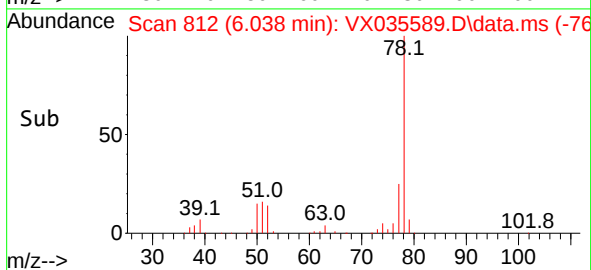
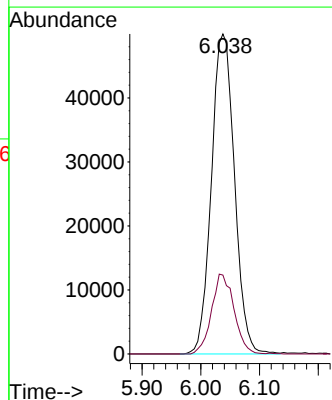
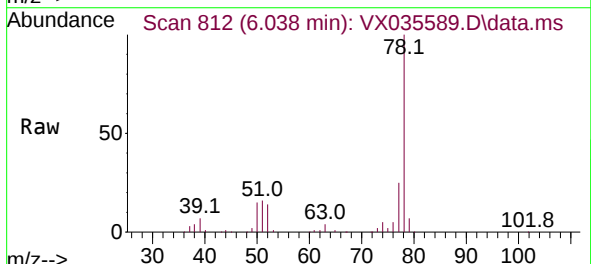


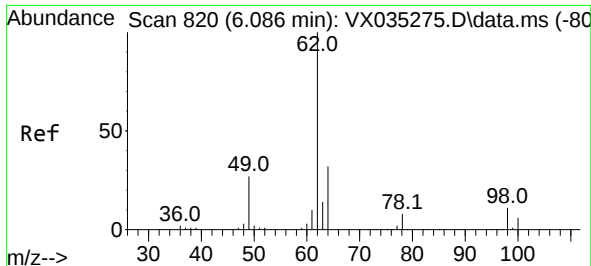
Tgt Ion:117 Resp: 29450
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 9.930 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 78 Resp: 136608
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.048 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

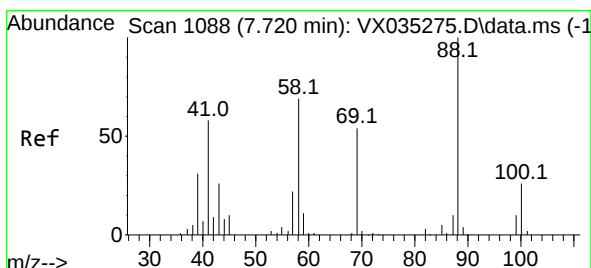
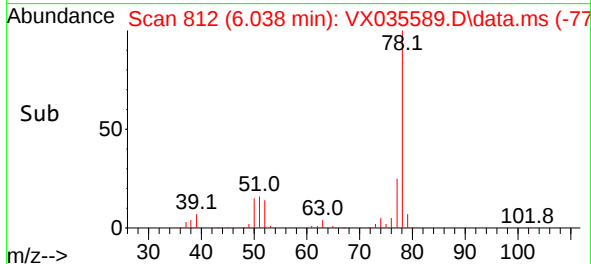
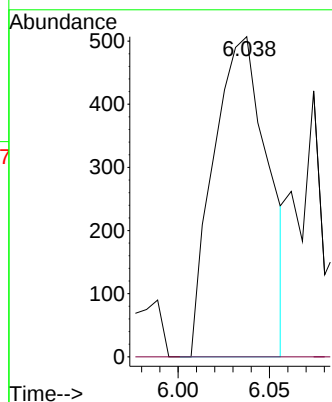
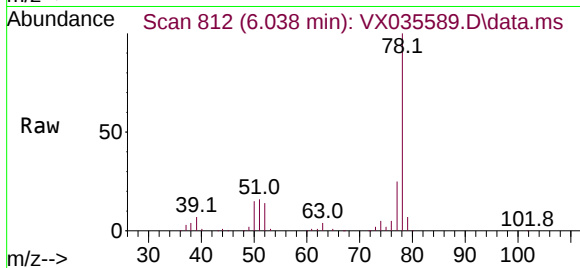
509DL

Tgt Ion: 62 Resp: 1045

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#49

1,4-Dioxane

Concen: 14.807 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.024 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

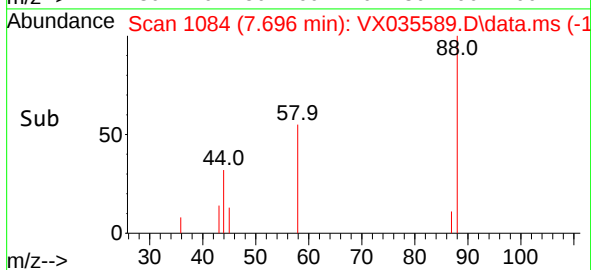
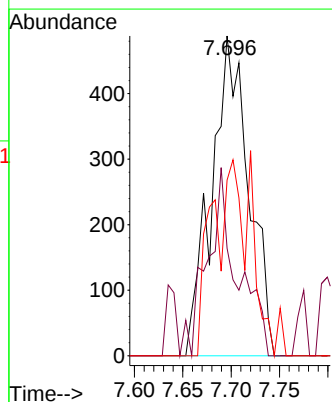
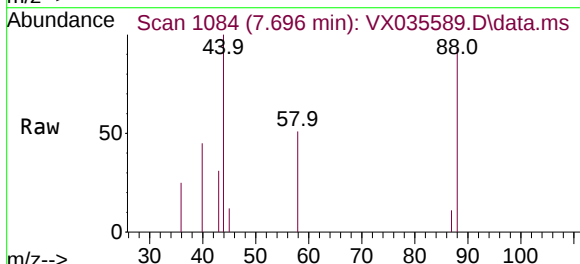
Tgt Ion: 88 Resp: 1303

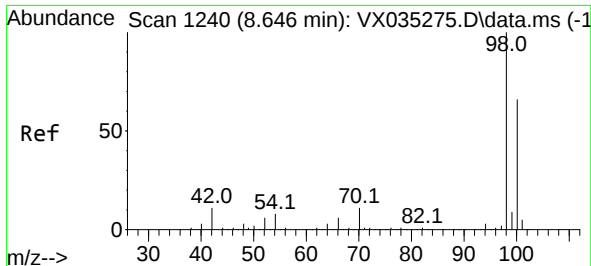
Ion Ratio Lower Upper

88 100

43 36.4 27.7 41.5

58 21.9 56.8 85.2#

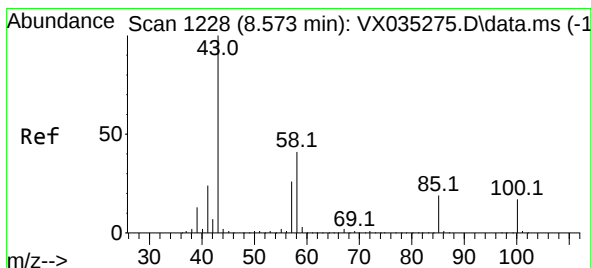
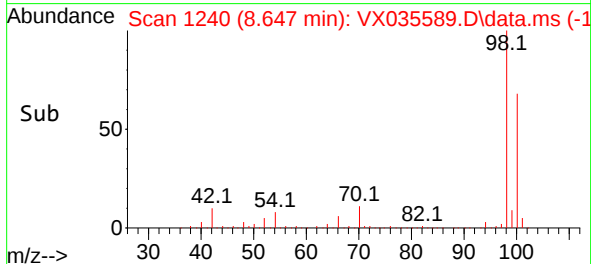
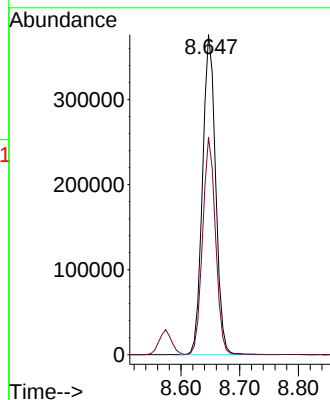
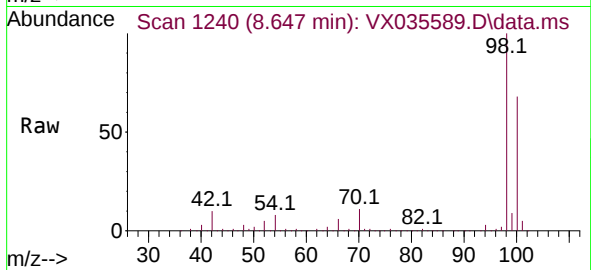




#50
Toluene-d8
Concen: 50.219 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

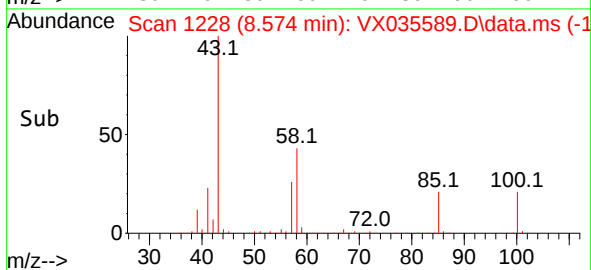
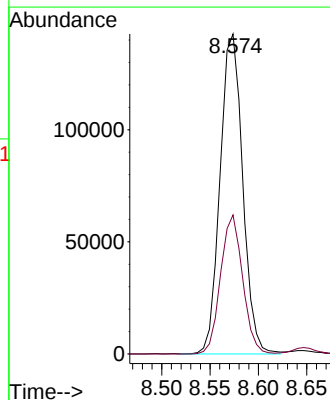
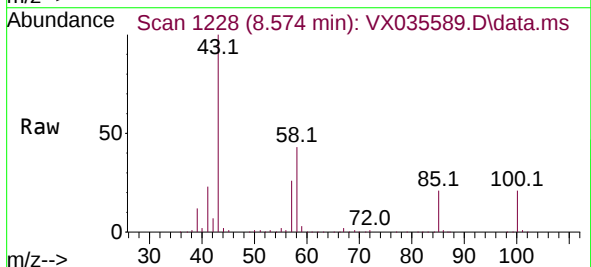
Instrument :
MSVOA_X
ClientSampleId :
509DL

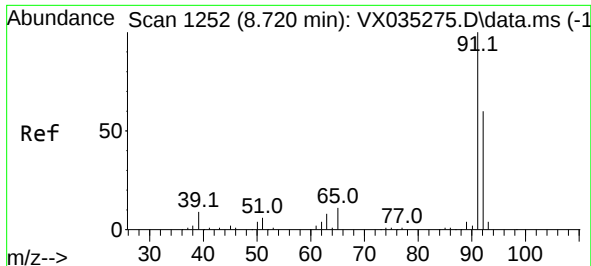
Tgt Ion: 98 Resp: 581830
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 51.246 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 43 Resp: 231713
Ion Ratio Lower Upper
43 100
58 42.3 30.6 46.0

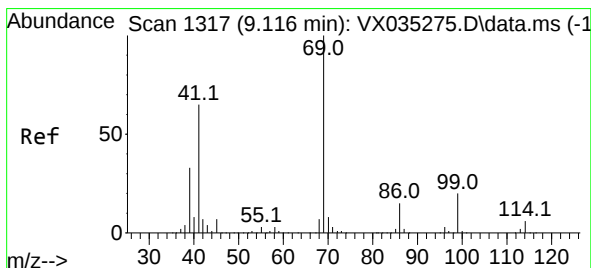
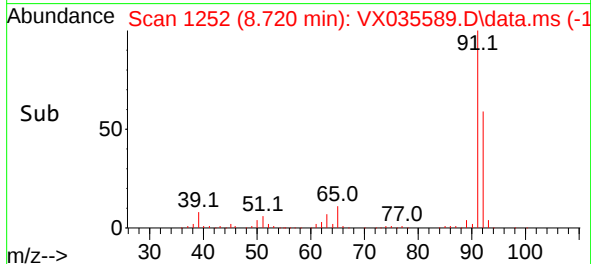
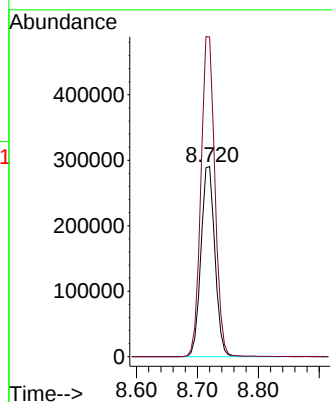
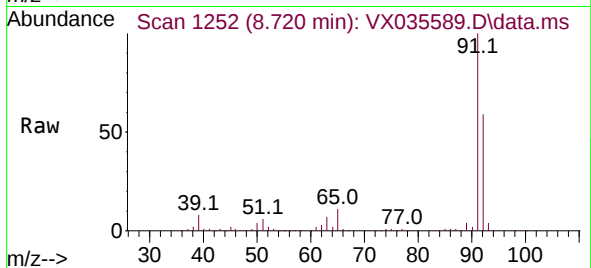




#52
Toluene
Concen: 53.166 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

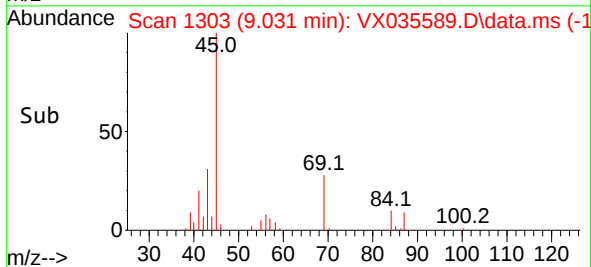
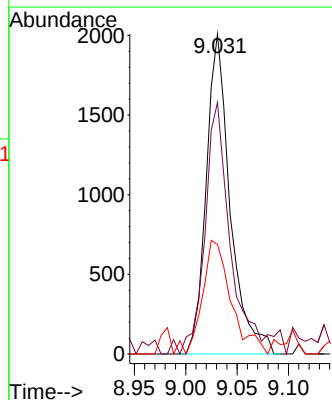
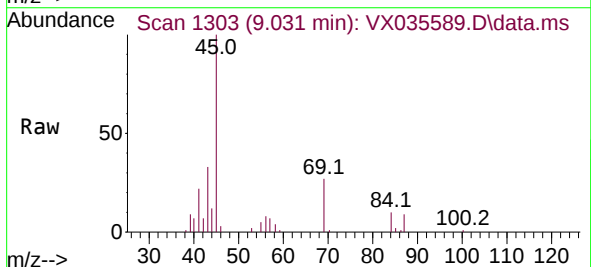
Instrument :
MSVOA_X
ClientSampleId :
509DL

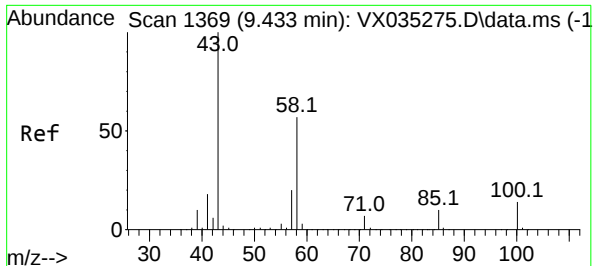
Tgt Ion: 92 Resp: 463611
Ion Ratio Lower Upper
92 100
91 168.0 136.8 205.2



#56
Ethyl methacrylate
Concen: 0.629 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.085 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 69 Resp: 3256
Ion Ratio Lower Upper
69 100
41 86.6 57.4 86.0#
39 41.6 33.7 50.5





#59

2-Hexanone

Concen: 0.528 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

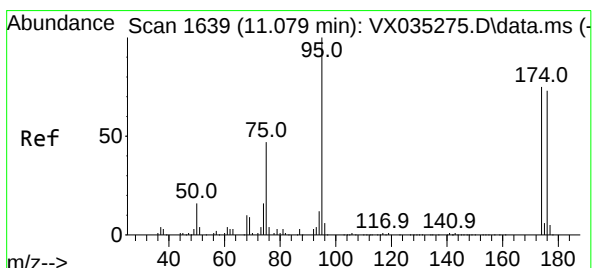
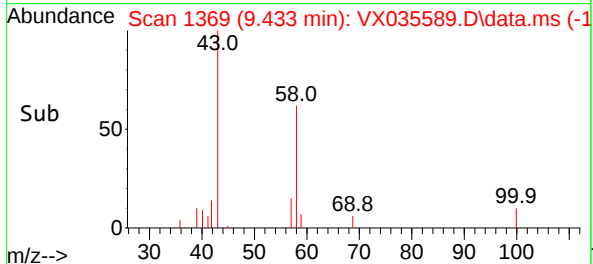
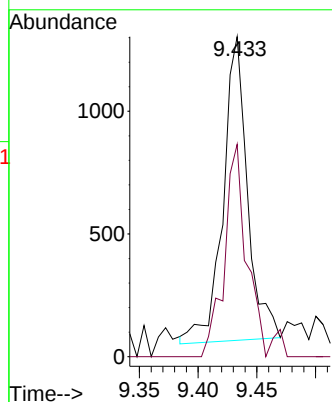
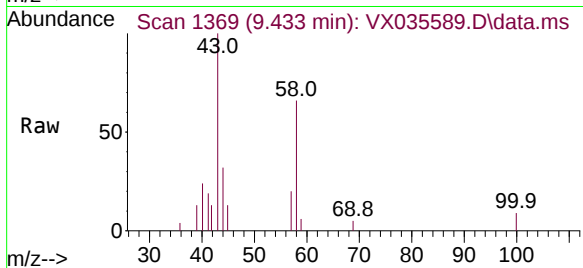
509DL

Tgt Ion: 43 Resp: 1793

Ion Ratio Lower Upper

43 100

58 66.6 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 49.654 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

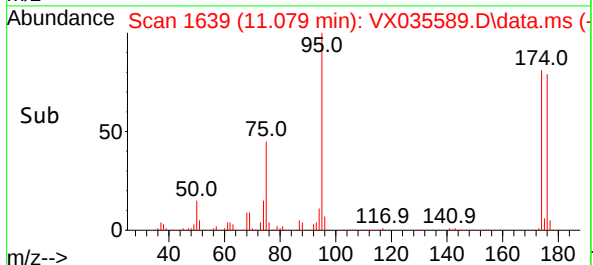
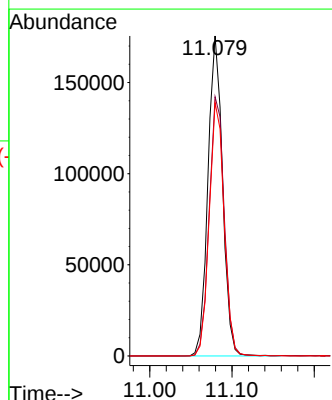
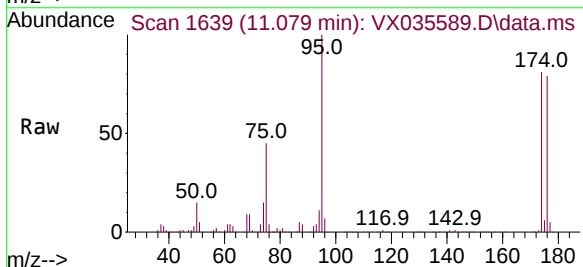
Tgt Ion: 95 Resp: 216408

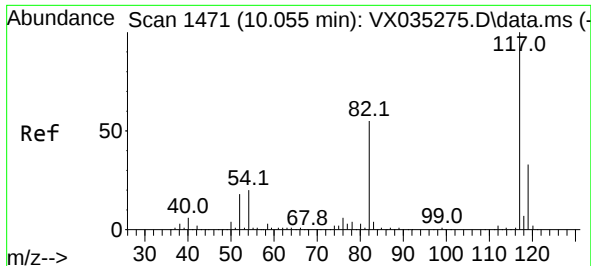
Ion Ratio Lower Upper

95 100

174 84.0 0.0 147.4

176 80.8 0.0 140.6

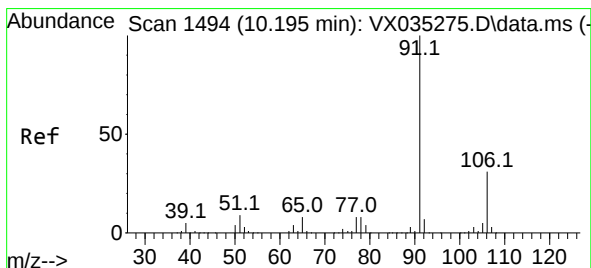
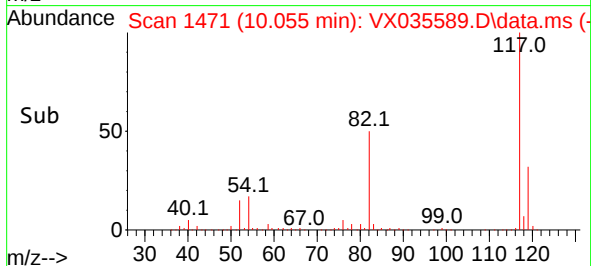
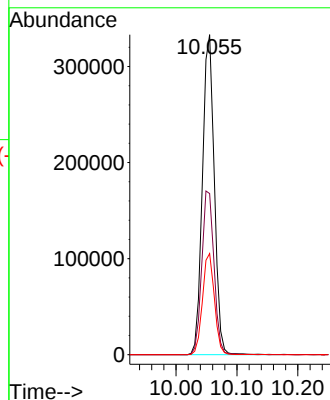
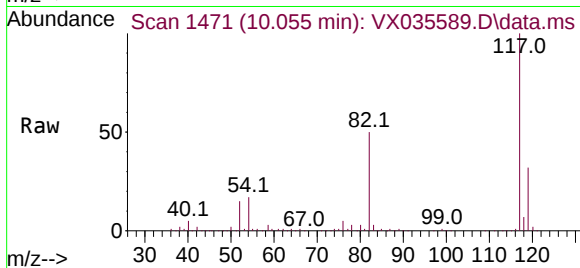




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

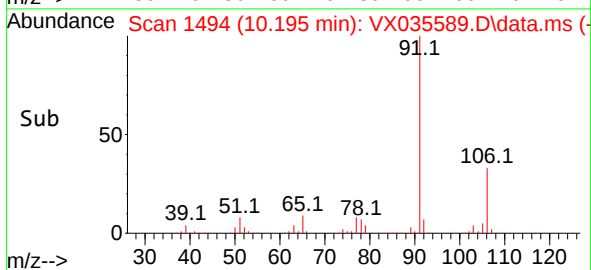
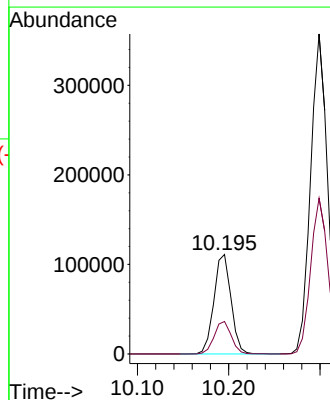
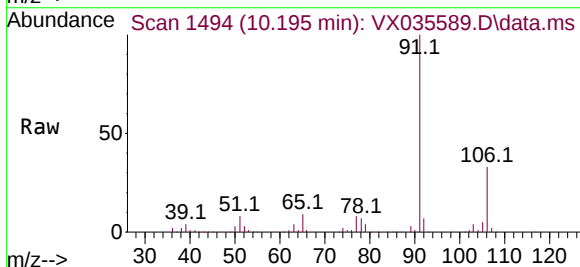
Instrument :
MSVOA_X
ClientSampleId :
509DL

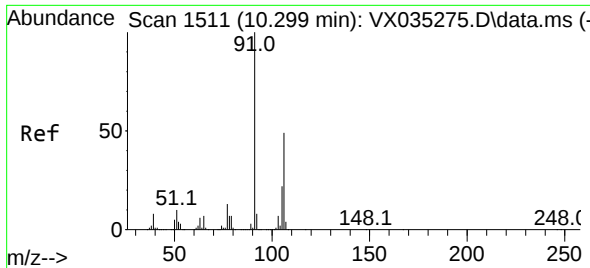
Tgt Ion:117 Resp: 451160
Ion Ratio Lower Upper
117 100
82 50.4 45.0 67.4
119 31.6 26.0 39.0



#67
Ethyl Benzene
Concen: 8.548 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 91 Resp: 144491
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

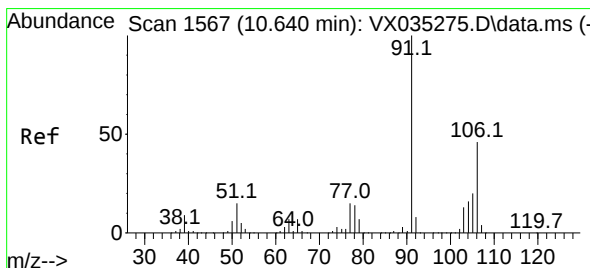
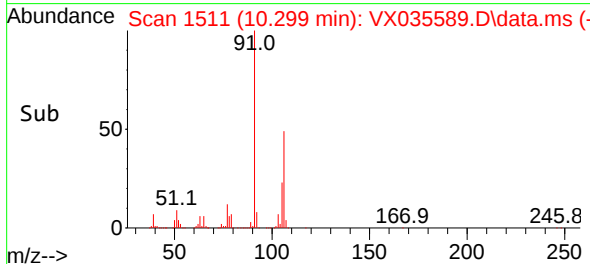
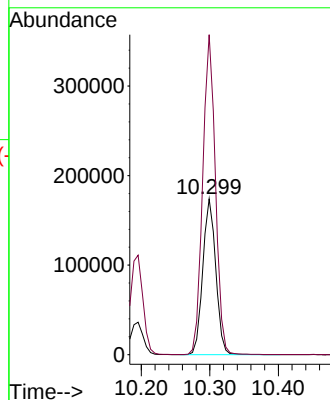
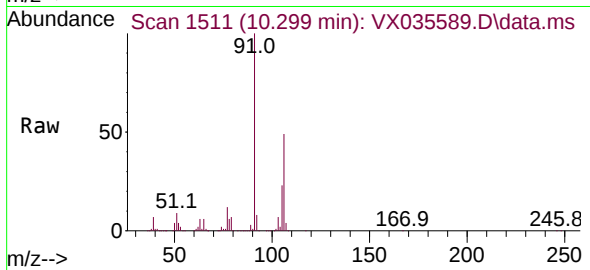




#68
m/p-Xylenes
Concen: 35.486 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

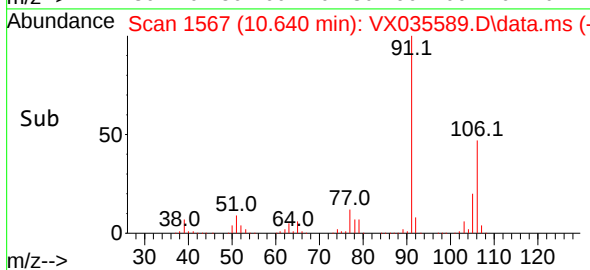
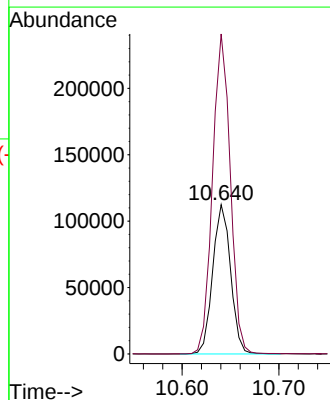
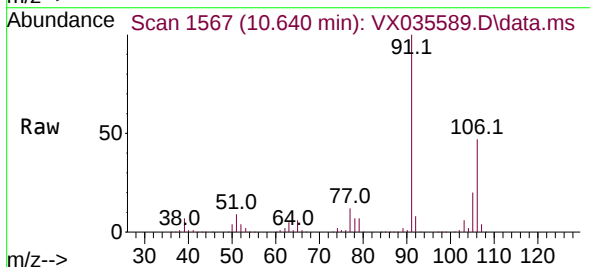
Instrument :
MSVOA_X
ClientSampleId :
509DL

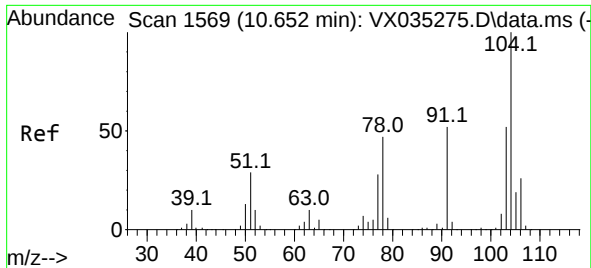
Tgt Ion:106 Resp: 229852
Ion Ratio Lower Upper
106 100
91 201.1 164.0 246.0



#69
o-Xylene
Concen: 22.755 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion:106 Resp: 144527
Ion Ratio Lower Upper
106 100
91 213.8 108.5 325.3

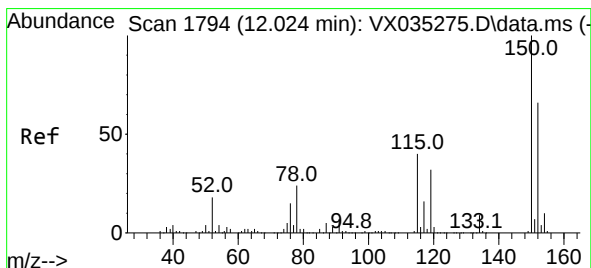
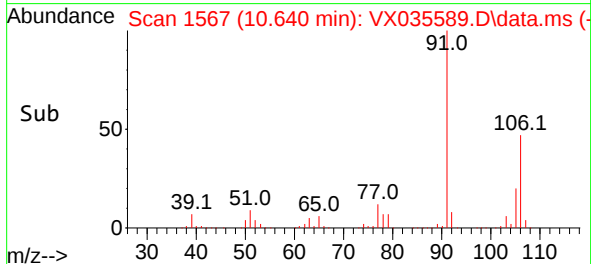
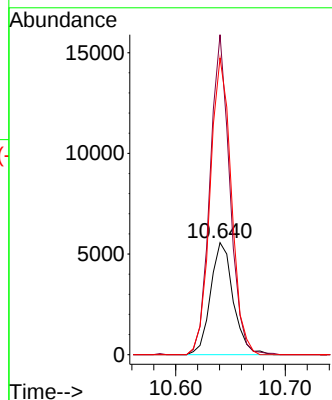
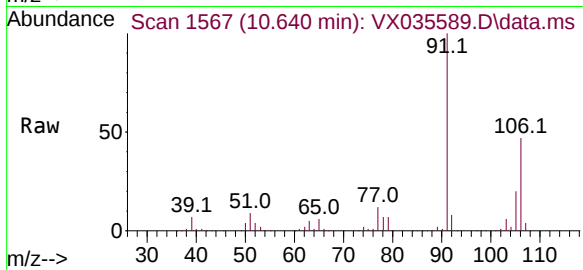




#70
Styrene
Concen: 0.776 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

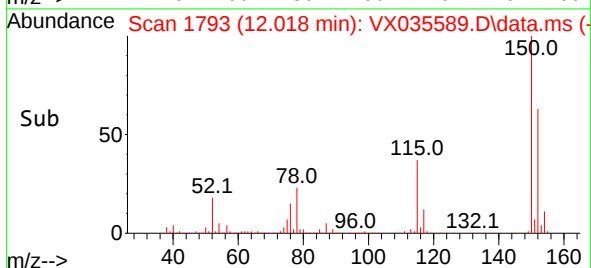
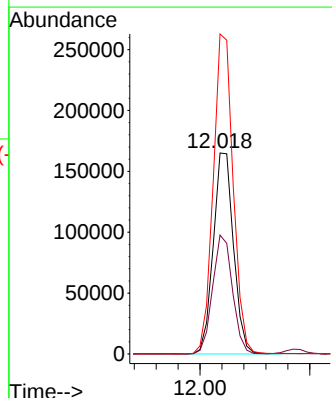
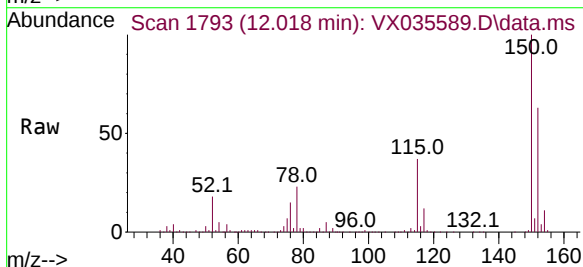
Instrument :
MSVOA_X
ClientSampleId :
509DL

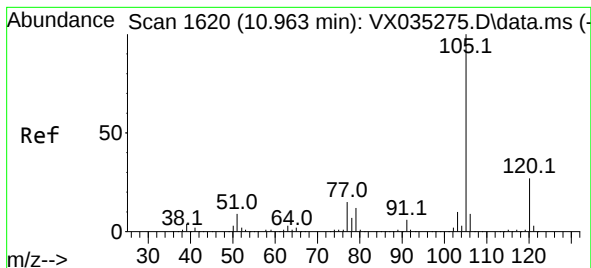
Tgt Ion:104 Resp: 7987
Ion Ratio Lower Upper
104 100
78 249.8 43.4 65.2#
103 248.0 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion:152 Resp: 211871
Ion Ratio Lower Upper
152 100
115 57.8 45.0 135.0
150 157.3 0.0 352.4





#73

Isopropylbenzene

Concen: 0.919 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

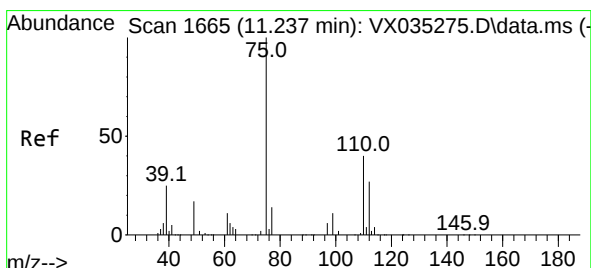
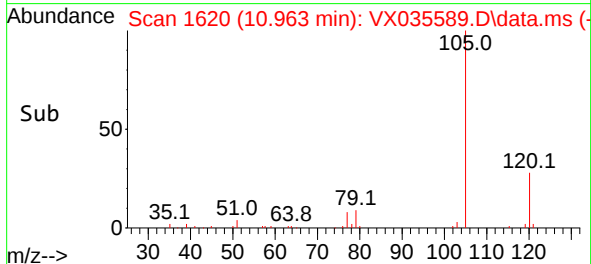
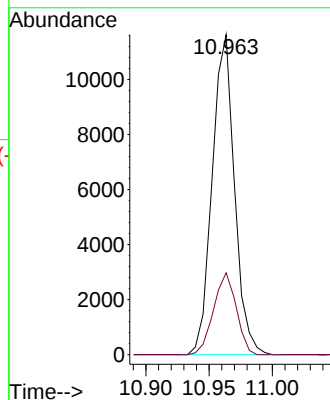
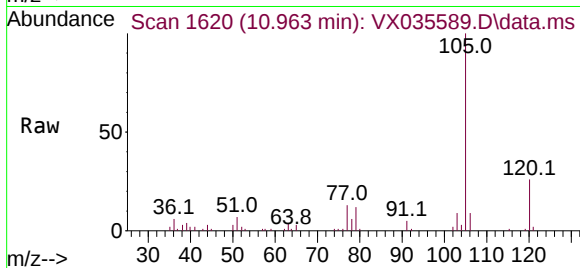
509DL

Tgt Ion:105 Resp: 14237

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 23.270 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035589.D

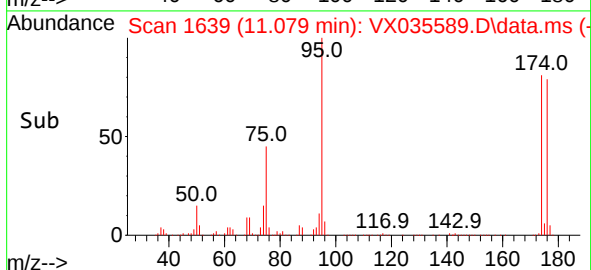
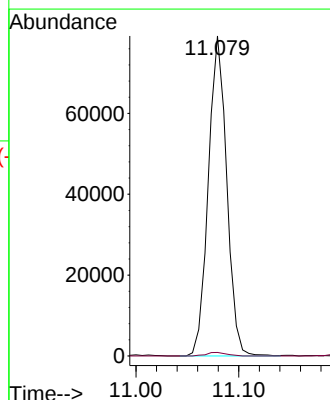
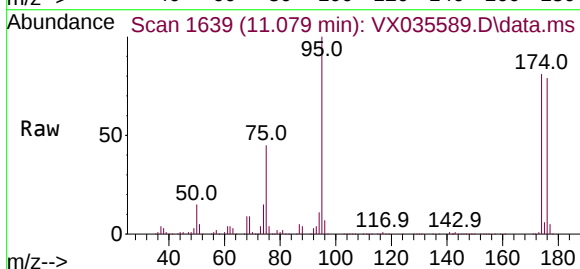
Acq: 10 May 2023 16:23

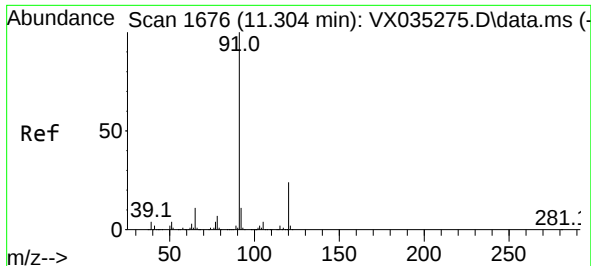
Tgt Ion: 75 Resp: 98345

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#

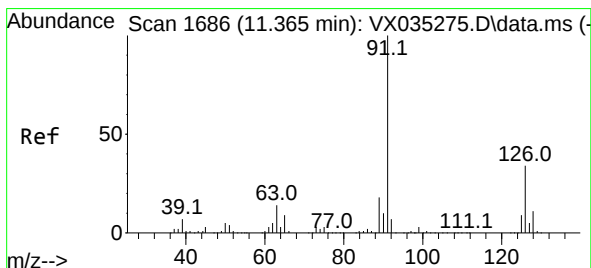
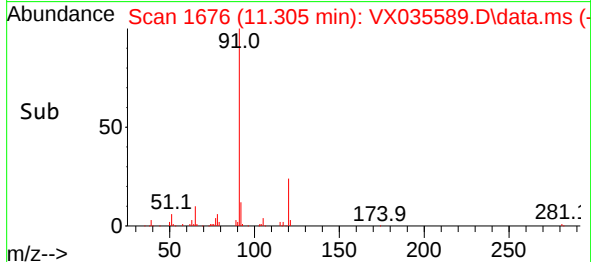
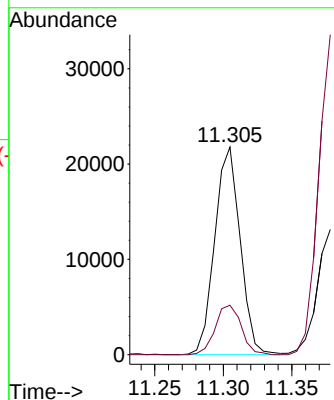
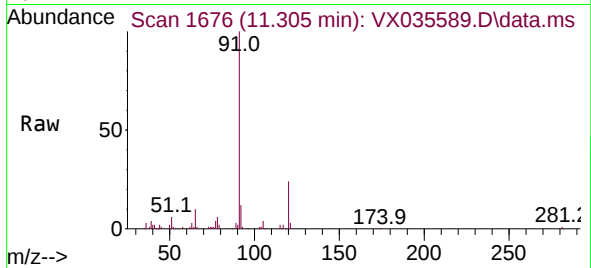




#78
n-propylbenzene
Concen: 1.582 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

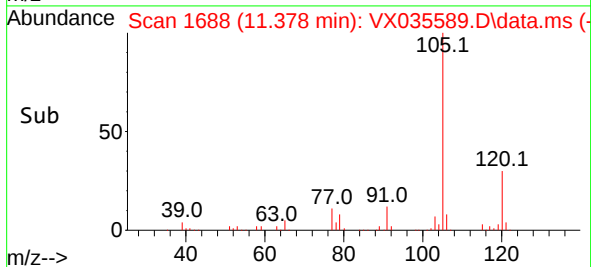
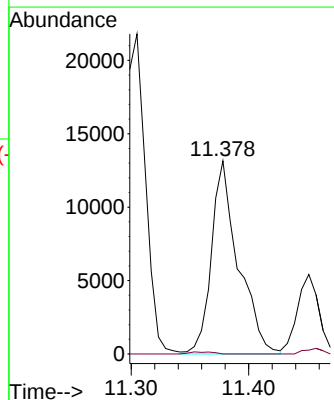
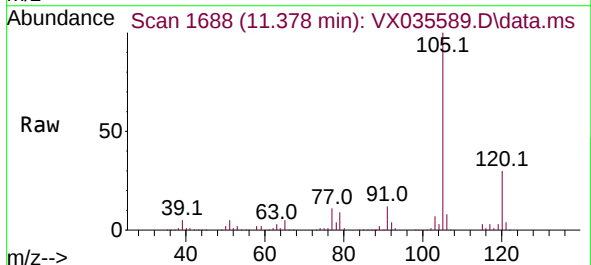
Instrument :
MSVOA_X
ClientSampleId :
509DL

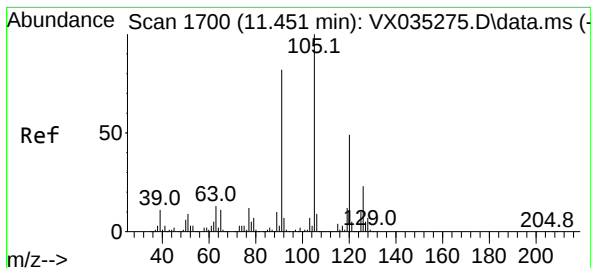
Tgt Ion: 91 Resp: 28146
Ion Ratio Lower Upper
91 100
120 24.3 11.5 34.5



#79
2-Chlorotoluene
Concen: 1.884 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.013 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 91 Resp: 20939
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 4.411 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

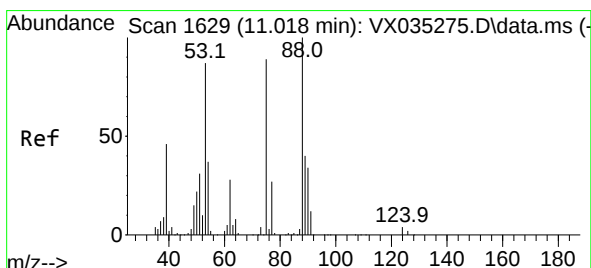
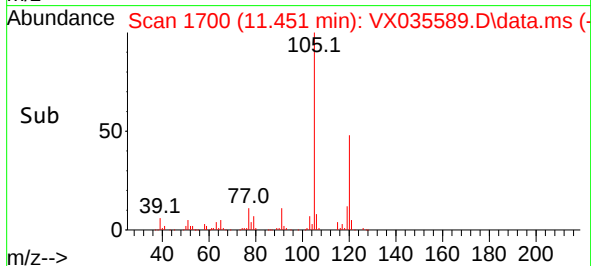
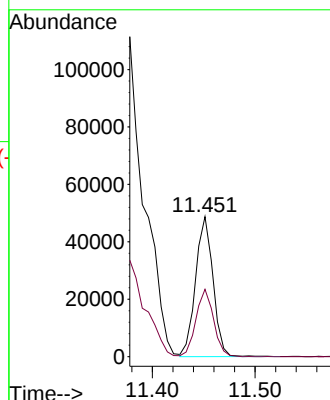
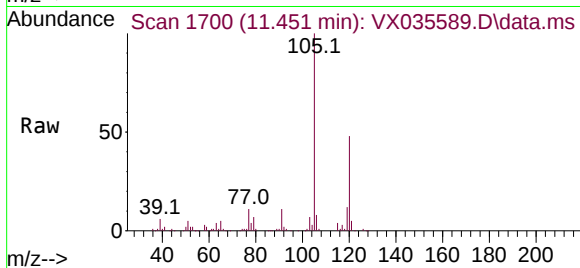
509DL

Tgt Ion:105 Resp: 57598

Ion Ratio Lower Upper

105 100

120 48.6 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 75.366 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

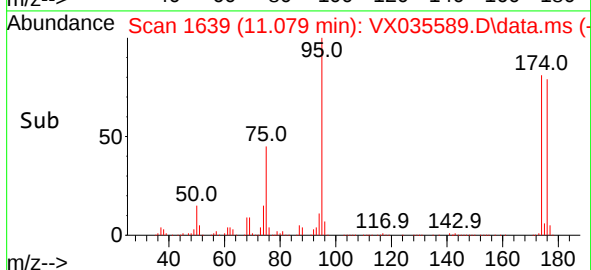
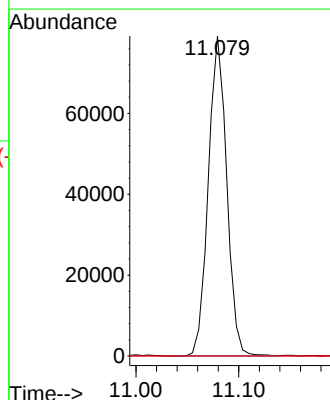
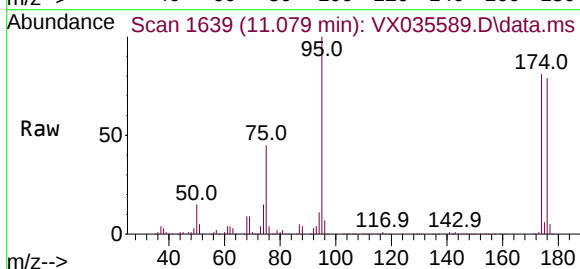
Tgt Ion: 75 Resp: 98345

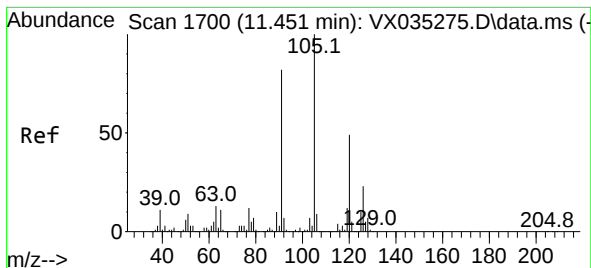
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

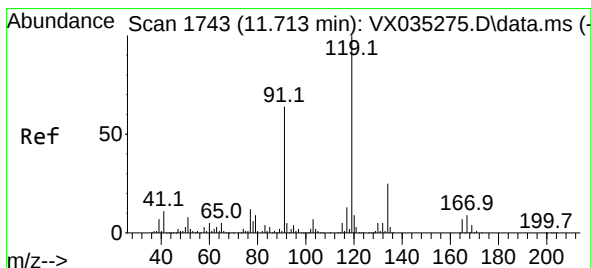
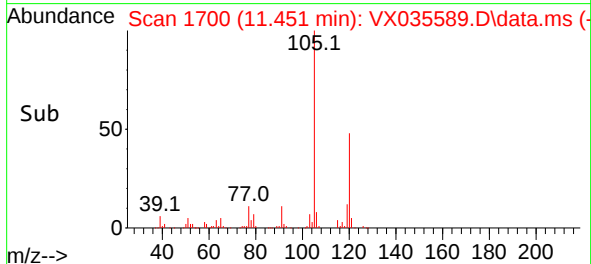
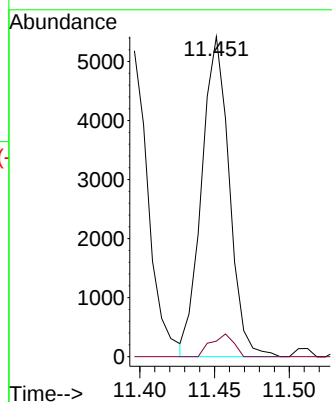
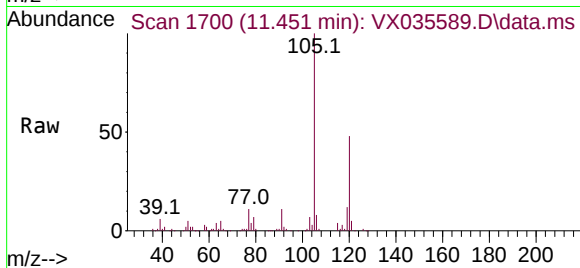




#82
4-Chlorotoluene
Concen: 0.557 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

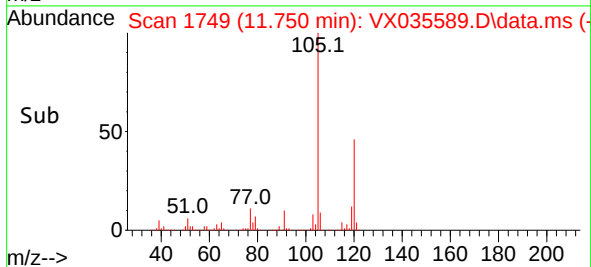
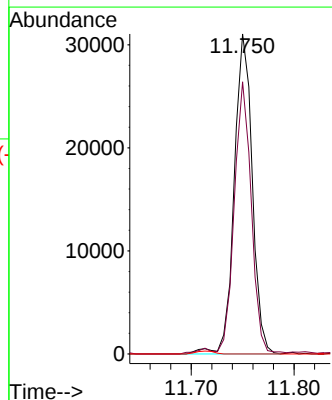
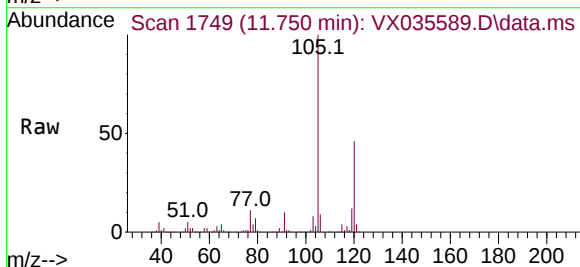
Instrument :
MSVOA_X
ClientSampleId :
509DL

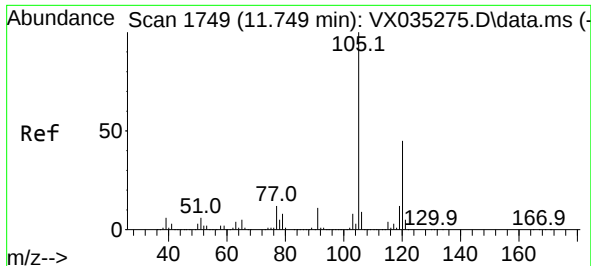
Tgt Ion: 91 Resp: 6951
Ion Ratio Lower Upper
91 100
126 5.8 14.2 42.6#



#83
tert-Butylbenzene
Concen: 2.884 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 119 Resp: 37794
Ion Ratio Lower Upper
119 100
91 81.7 30.6 92.0
134 0.0 11.8 35.4#

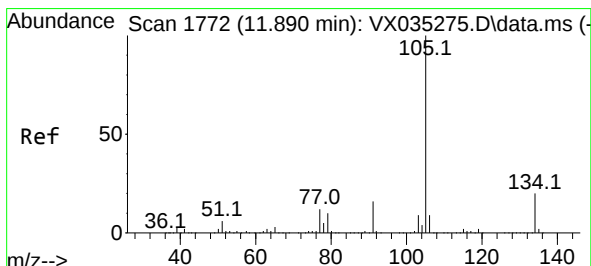
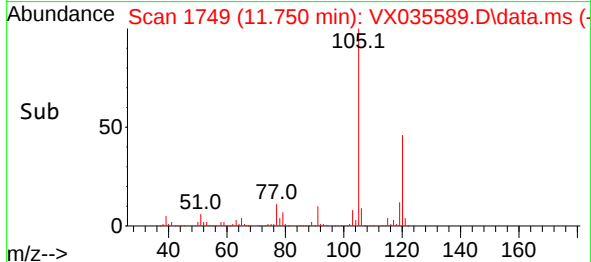
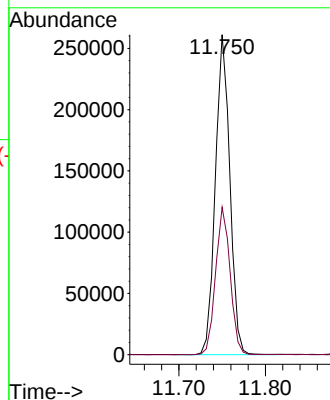
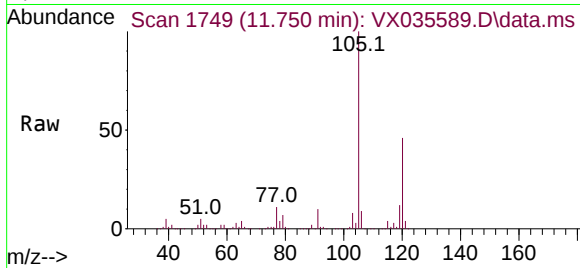




#84
1,2,4-Trimethylbenzene
Concen: 23.090 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

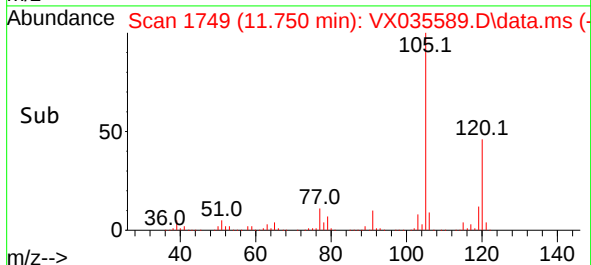
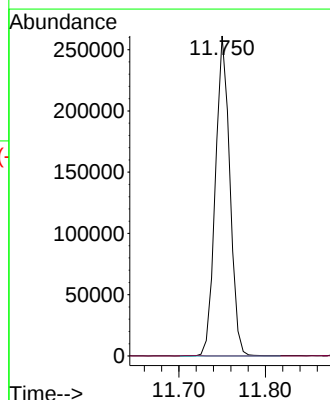
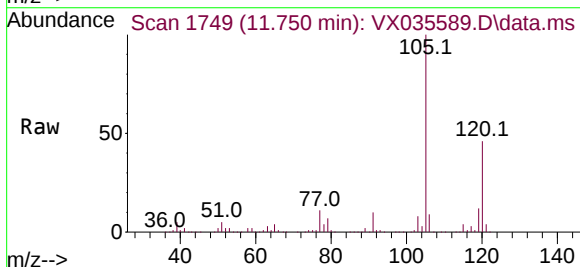
Instrument :
MSVOA_X
ClientSampleId :
509DL

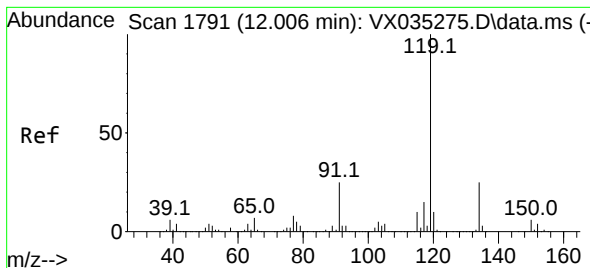
Tgt Ion:105 Resp: 302973
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0



#85
sec-Butylbenzene
Concen: 18.851 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion:105 Resp: 302973
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.310 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

509DL

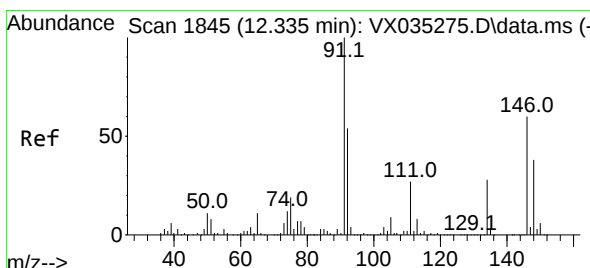
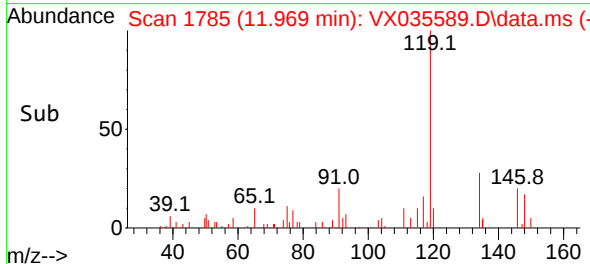
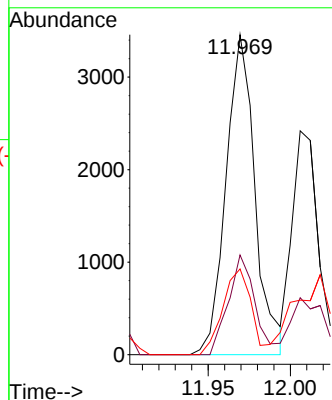
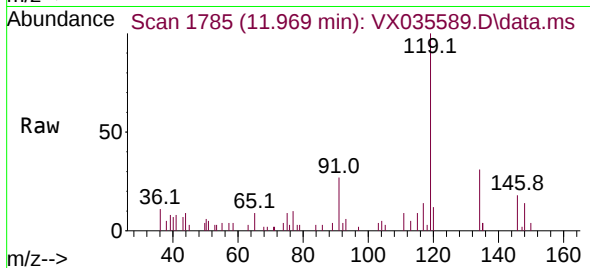
Tgt Ion:119 Resp: 4238

Ion Ratio Lower Upper

119 100

134 28.1 13.2 39.5

91 26.7 12.9 38.7



#89

n-Butylbenzene

Concen: 0.731 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

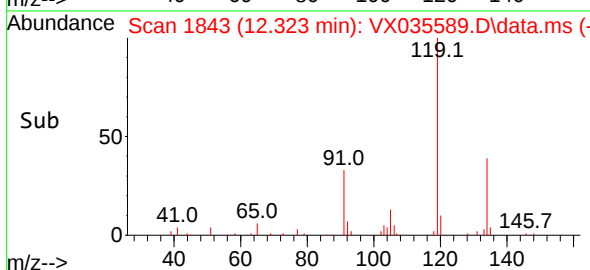
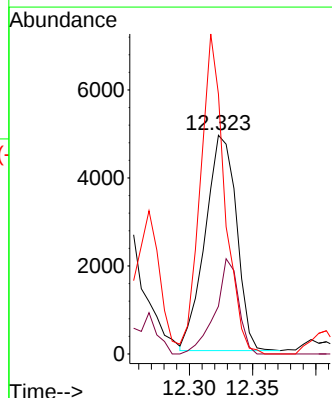
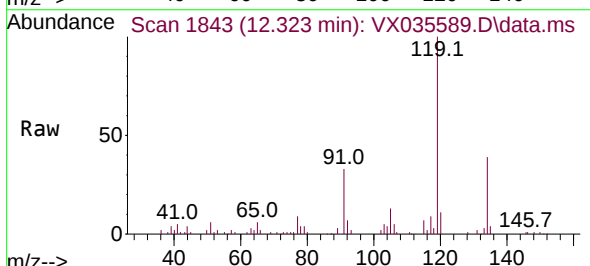
Tgt Ion: 91 Resp: 8440

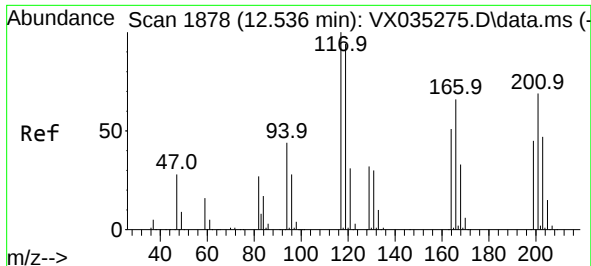
Ion Ratio Lower Upper

91 100

92 32.5 27.7 83.0

134 114.8 13.0 38.9#

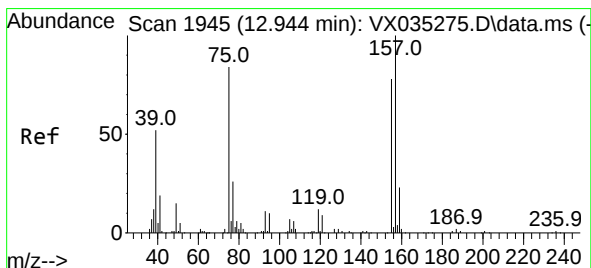
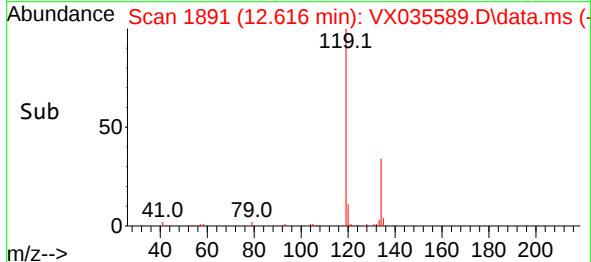
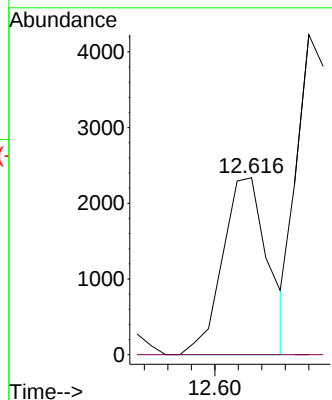
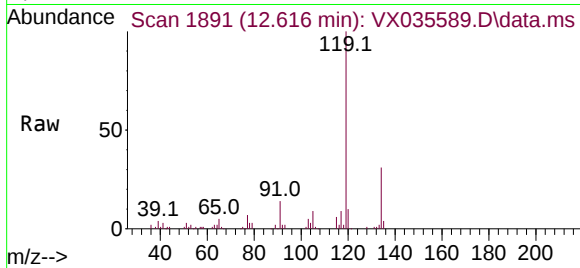




#90
Hexachloroethane
Concen: 1.500 ug/l
RT: 12.616 min Scan# 1878
Delta R.T. 0.080 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

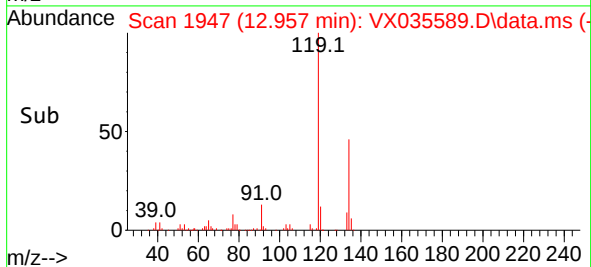
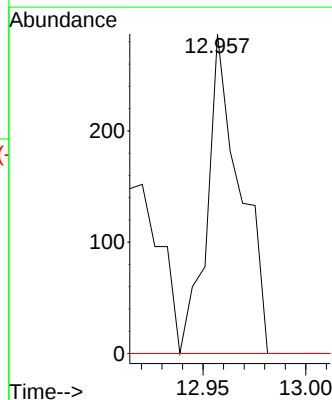
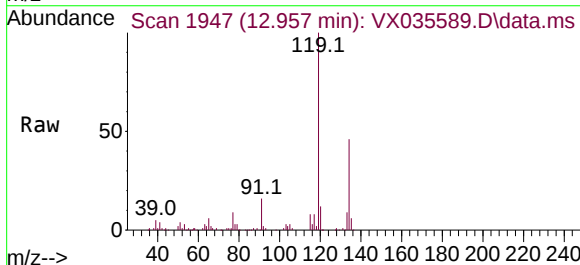
Instrument :
MSVOA_X
ClientSampleId :
509DL

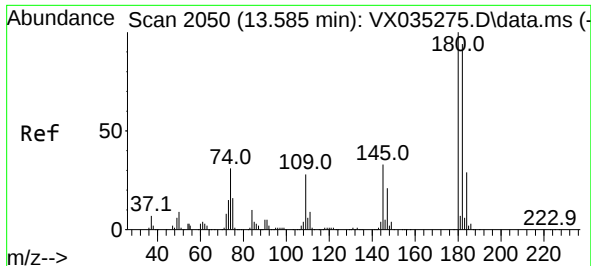
Tgt Ion:117 Resp: 3139
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.332 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.013 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 75 Resp: 320
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#

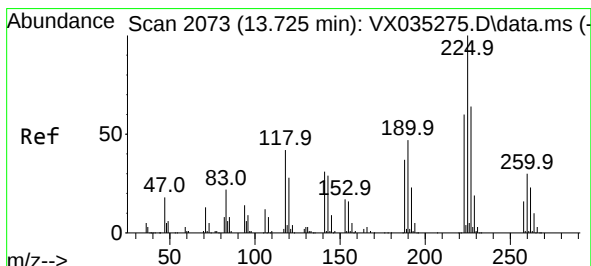
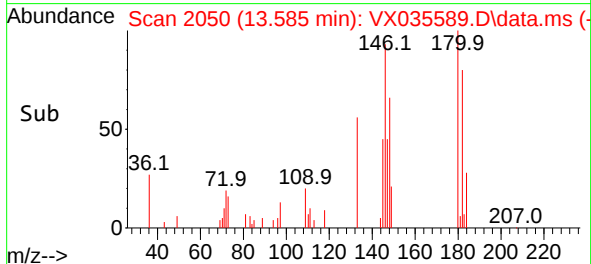
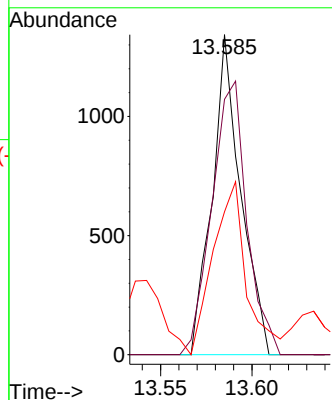
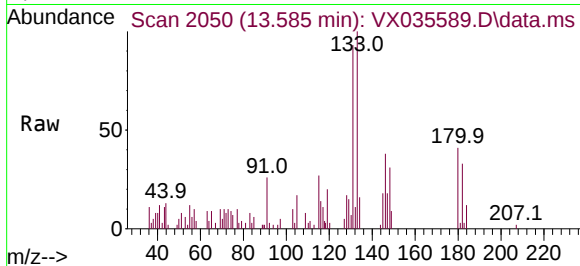




#93
1,2,4-Trichlorobenzene
Concen: 0.317 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

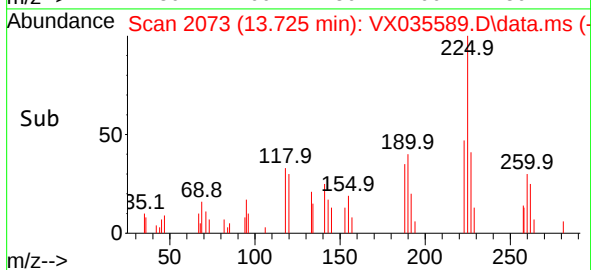
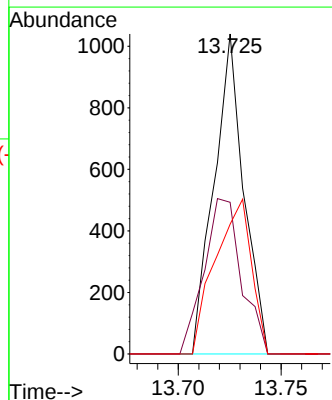
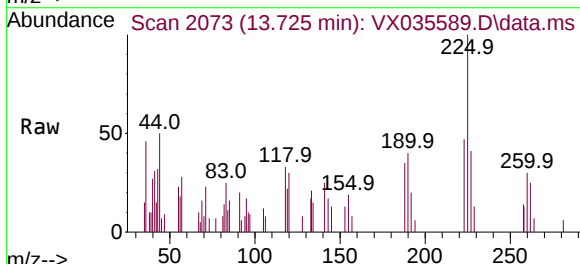
Instrument :
MSVOA_X
ClientSampleId :
509DL

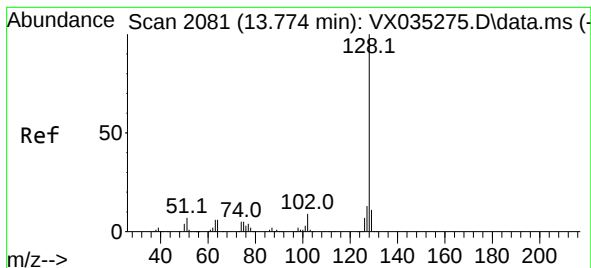
Tgt Ion:180 Resp: 1460
Ion Ratio Lower Upper
180 100
182 104.8 47.0 141.0
145 63.3 15.9 47.7#



#94
Hexachlorobutadiene
Concen: 0.518 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion:225 Resp: 1045
Ion Ratio Lower Upper
225 100
223 61.2 32.1 96.5
227 59.1 31.8 95.4





#95

Naphthalene

Concen: 16.231 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

509DL

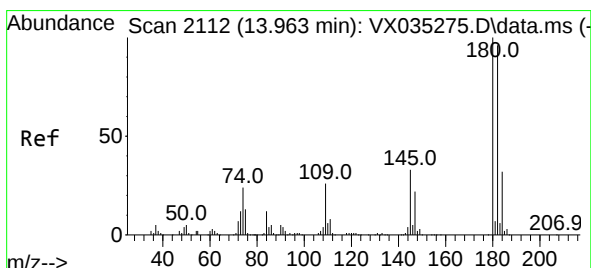
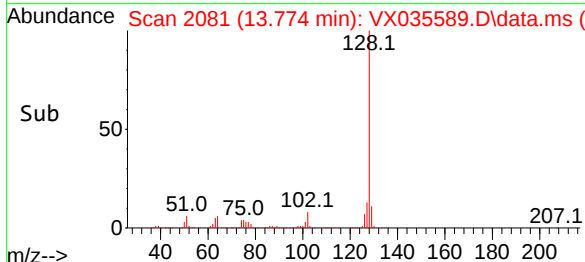
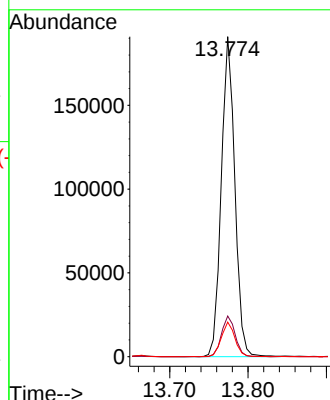
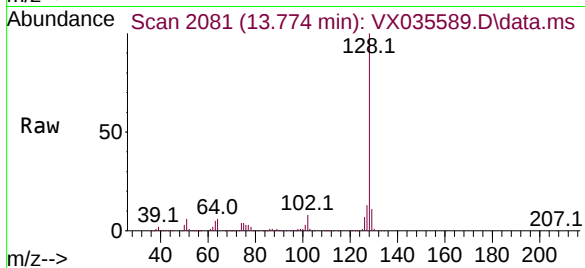
Tgt Ion:128 Resp: 229826

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.346 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Tgt Ion:180 Resp: 1603

Ion Ratio Lower Upper

180 100

182 98.8 48.0 144.2

145 52.6 17.7 53.1

