

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040029.D
 Acq On : 30 Jan 2024 19:06
 Operator : JC/MD
 Sample : PB158700ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158700ZHE#04

Quant Time: Jan 31 05:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59596	52.160	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.320%	
35) Dibromofluoromethane	5.391	113	43919	47.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	8.647	98	176022	50.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	70608	52.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.780%	

Target Compounds					Qvalue	
3) Chloromethane	1.465	50	21	0.028	ug/l #	43
4) Vinyl Chloride	1.355	62	19	0.027	ug/l #	43
5) Bromomethane	1.849	94	24	0.035	ug/l #	3
6) Chloroethane	1.825	64	21	0.045	ug/l #	43
11) Tert butyl alcohol	2.953	59	1165	5.619	ug/l #	85
13) Acrolein	2.209	56	24	0.121	ug/l #	14
14) Allyl chloride	2.666	41	29	0.020	ug/l #	24
16) Acetone	2.373	43	13299	24.842	ug/l	97
17) Carbon Disulfide	2.514	76	375	0.161	ug/l #	76
20) Methylene Chloride	2.788	84	4444	4.671	ug/l	96
25) 2-Butanone	4.556	43	6437	8.650	ug/l	91
39) Methylcyclohexane	7.385	83	49	0.030	ug/l #	1
40) Benzene	6.037	78	54	0.014	ug/l #	51
42) 1,2-Dichloroethane	6.104	62	69	0.046	ug/l #	77
43) Isopropyl Acetate	6.342	43	62178	26.927	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	77	0.054	ug/l #	43
60) Dibromochloromethane	9.269	129	28	0.028	ug/l #	11
64) Tetrachloroethene	9.269	164	26	0.028	ug/l #	52
65) Chlorobenzene	10.073	112	322	0.111	ug/l #	35
67) Ethyl Benzene	10.195	91	345	0.066	ug/l #	68
68) m/p-Xylenes	10.311	106	163	0.083	ug/l #	26
69) o-Xylene	10.646	106	61	0.033	ug/l #	1
70) Styrene	10.659	104	63	0.020	ug/l #	82
73) Isopropylbenzene	10.957	105	237	0.048	ug/l #	49
78) n-propylbenzene	11.463	91	451	0.074	ug/l	83
79) 2-Chlorotoluene	11.463	91	451	0.122	ug/l	73
80) 1,3,5-Trimethylbenzene	11.457	105	327	0.076	ug/l #	59
82) 4-Chlorotoluene	11.463	91	451	0.106	ug/l	79
83) tert-Butylbenzene	11.719	119	189	0.046	ug/l #	76
84) 1,2,4-Trimethylbenzene	11.756	105	256	0.060	ug/l	99
85) sec-Butylbenzene	11.890	105	417	0.077	ug/l #	57
86) p-Isopropyltoluene	12.012	119	411	0.093	ug/l #	76
87) 1,3-Dichlorobenzene	11.981	146	342	0.147	ug/l	81
88) 1,4-Dichlorobenzene	11.981	146	342	0.144	ug/l	82
89) n-Butylbenzene	12.335	91	555	0.129	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	160	0.072	ug/l	91

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Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

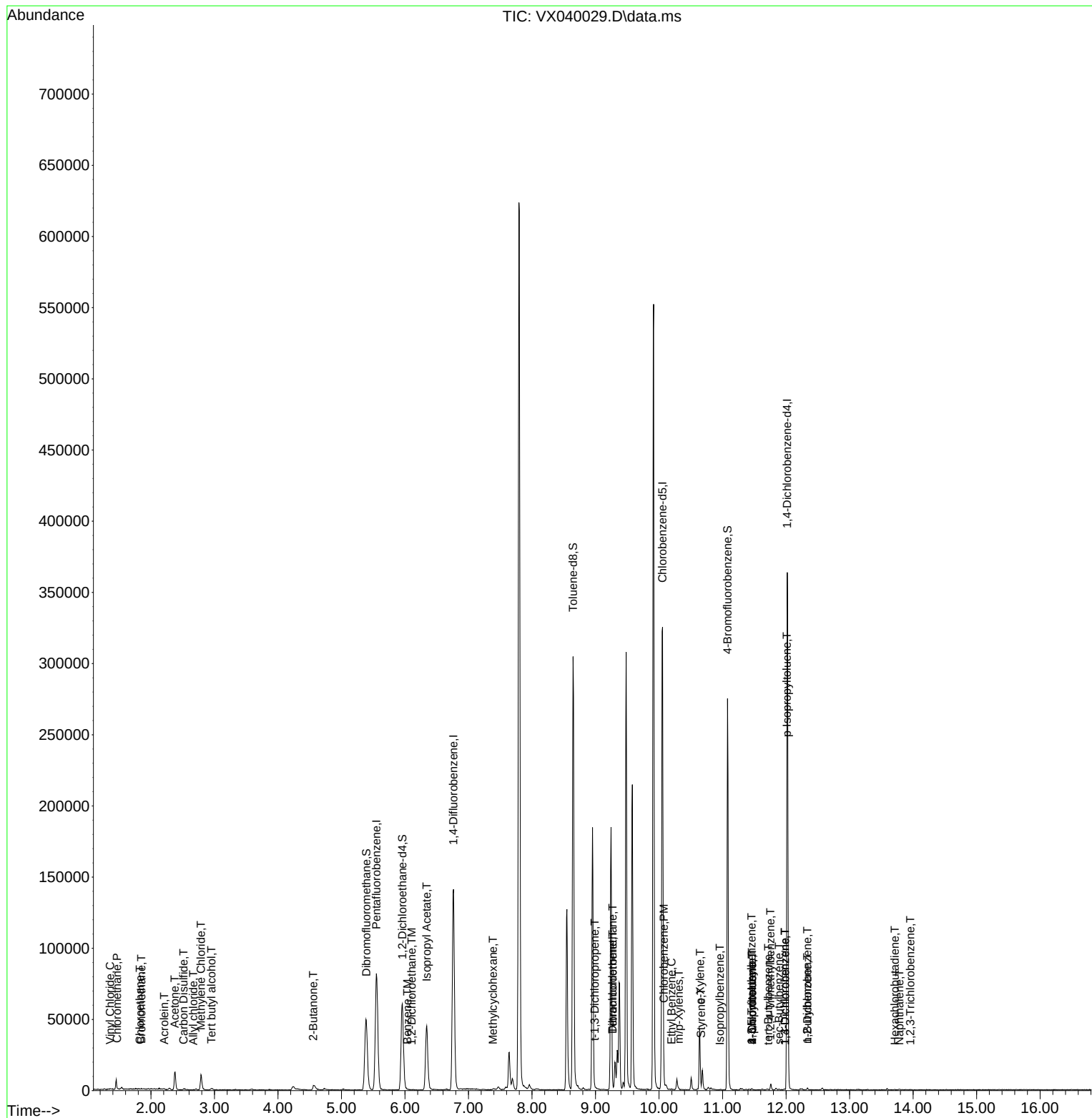
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.713	225	27	0.049	ug/l #	18
95) Naphthalene	13.786	128	412	0.087	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.957	180	214	0.155	ug/l #	46

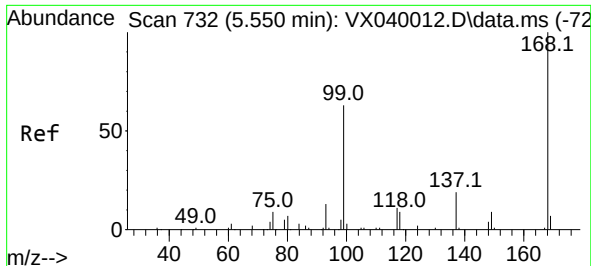
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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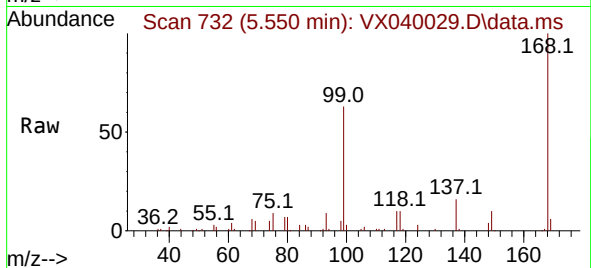
Quant Time: Jan 31 05:39:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration



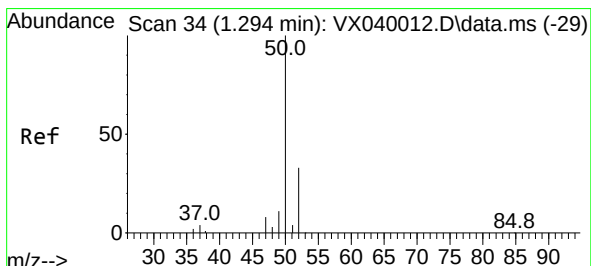
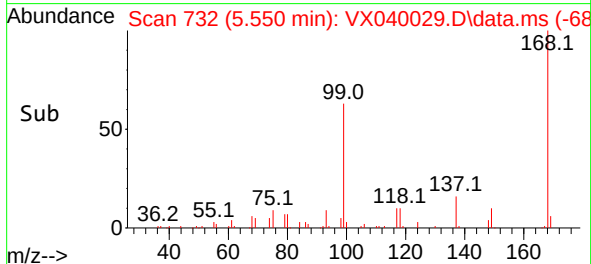
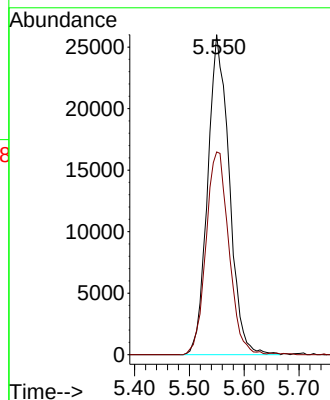


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

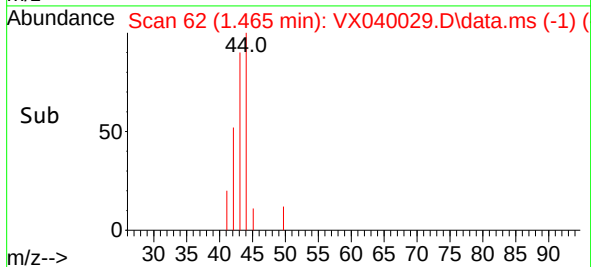
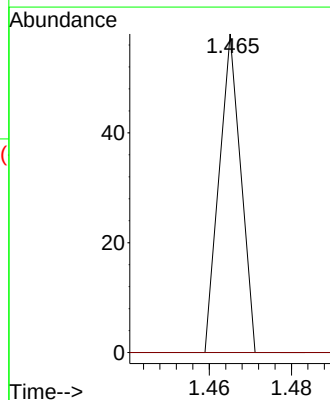
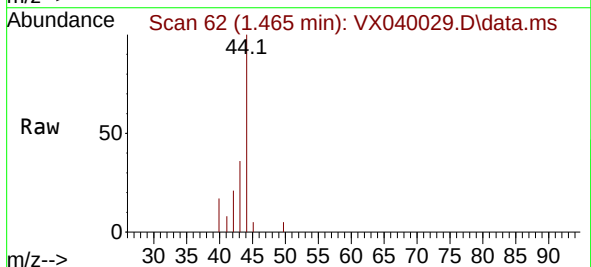


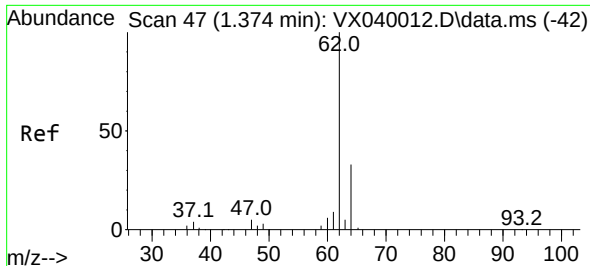
Tgt Ion:168 Resp: 70994
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#3
Chloromethane
Concen: 0.028 ug/l
RT: 1.465 min Scan# 62
Delta R.T. 0.171 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 50 Resp: 21
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

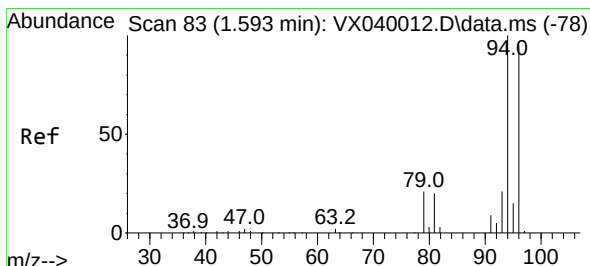
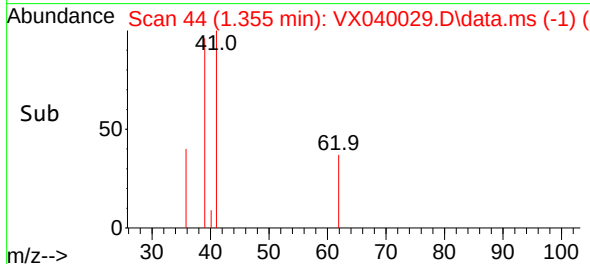
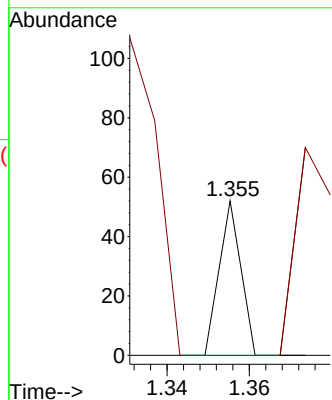
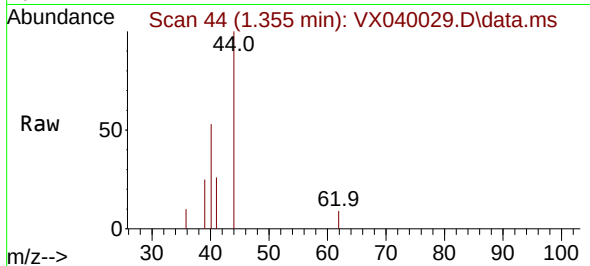




#4
 Vinyl Chloride
 Concen: 0.027 ug/l
 RT: 1.355 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: VX040029.D
 Acq: 30 Jan 2024 19:06

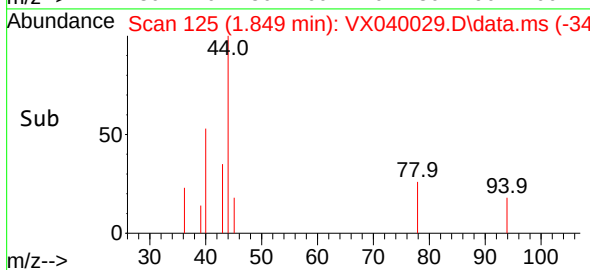
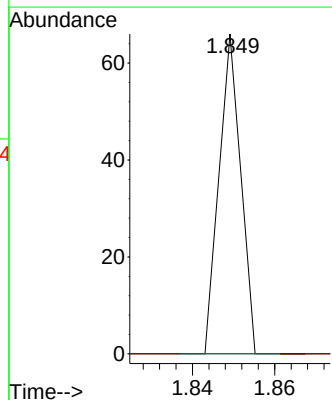
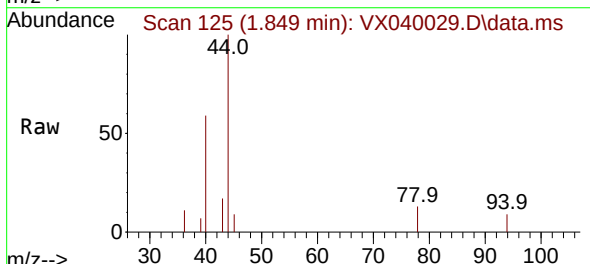
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158700ZHE#04

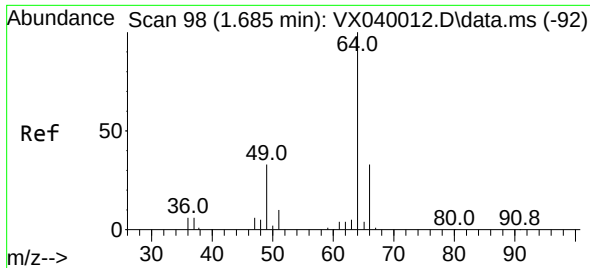
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 0.035 ug/l
 RT: 1.849 min Scan# 125
 Delta R.T. 0.256 min
 Lab File: VX040029.D
 Acq: 30 Jan 2024 19:06

Tgt Ion: 94 Resp: 24
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.6 111.8#

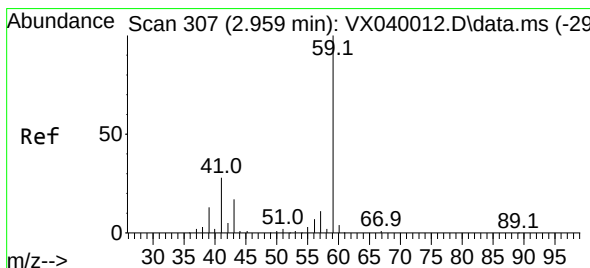
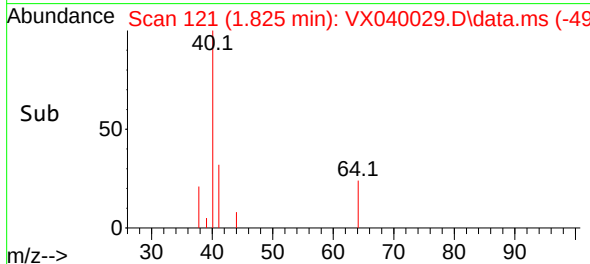
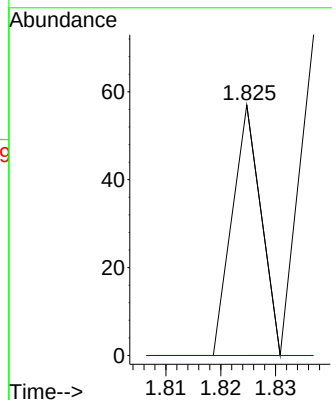
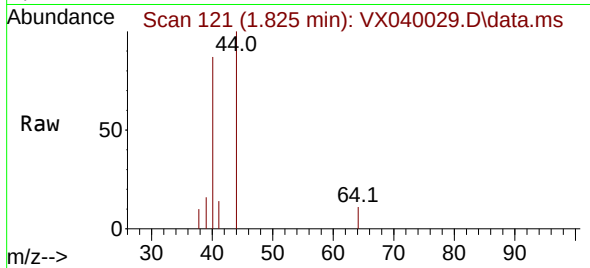




#6
Chloroethane
Concen: 0.045 ug/l
RT: 1.825 min Scan# 11
Delta R.T. 0.140 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

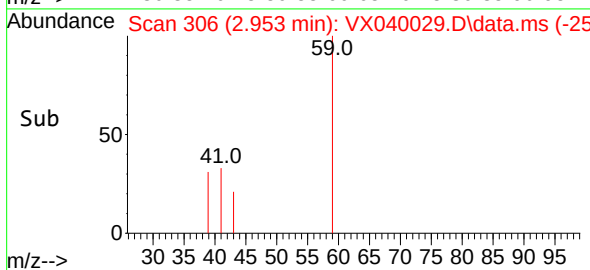
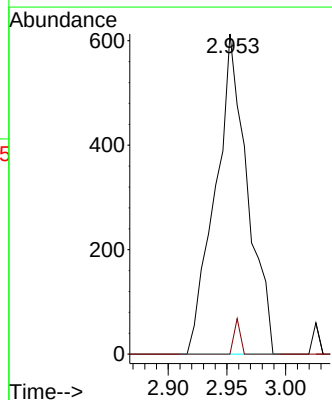
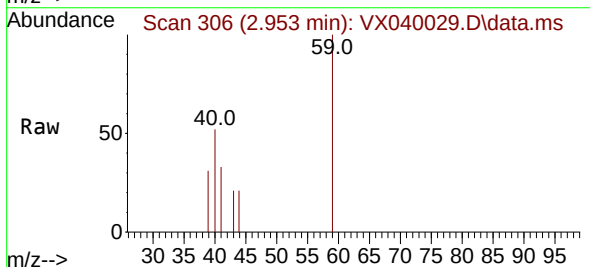
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

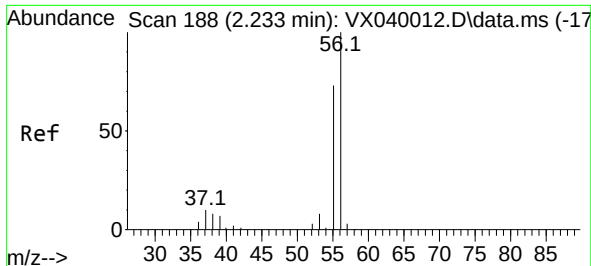
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 5.619 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 59 Resp: 1165
Ion Ratio Lower Upper
59 100
57 2.1 6.0 9.0#





#13

Acrolein

Concen: 0.121 ug/l

RT: 2.209 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

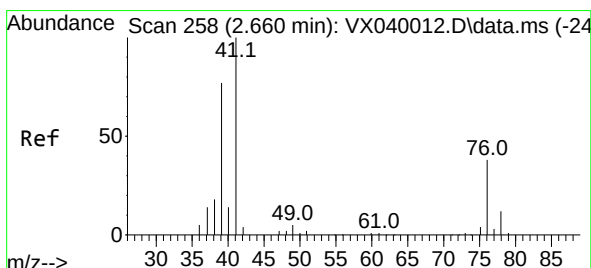
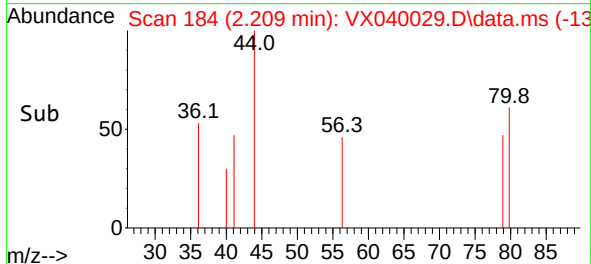
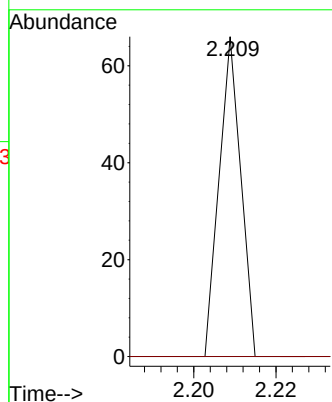
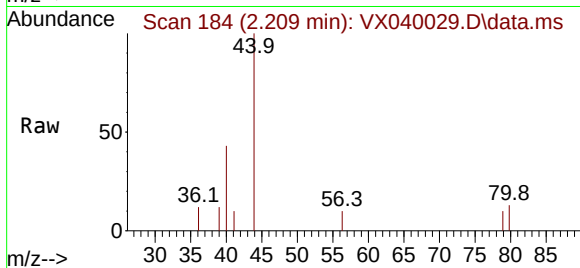
PB158700ZHE#04

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.020 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

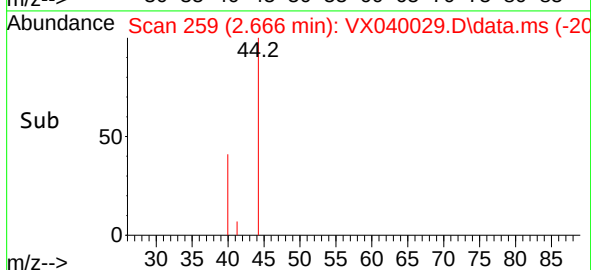
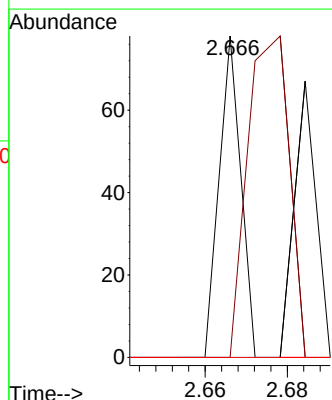
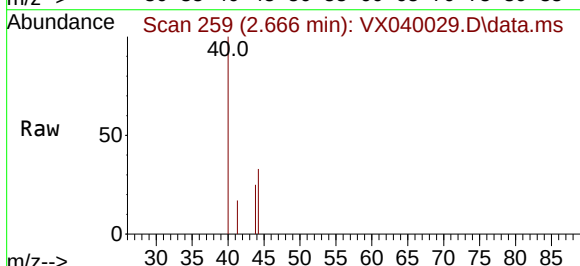
Tgt Ion: 41 Resp: 29

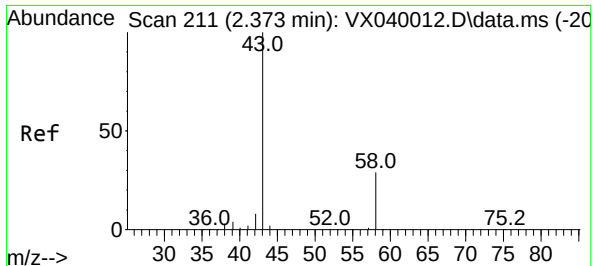
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

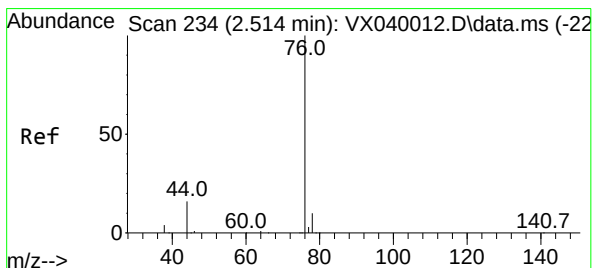
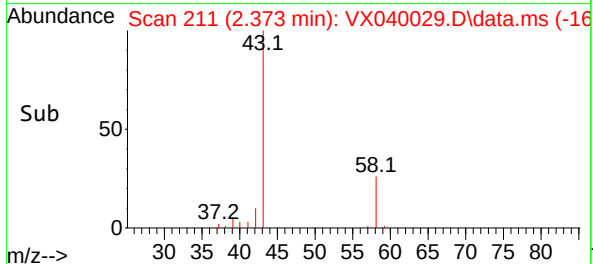
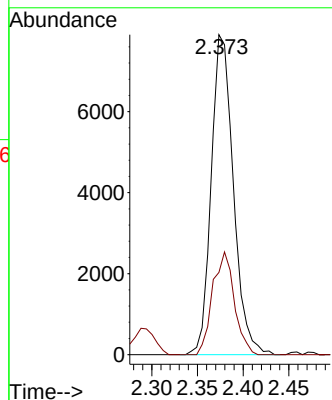
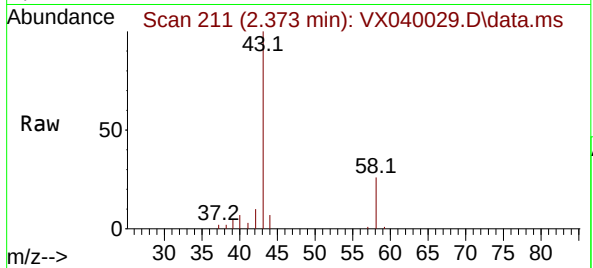




#16
Acetone
Concen: 24.842 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

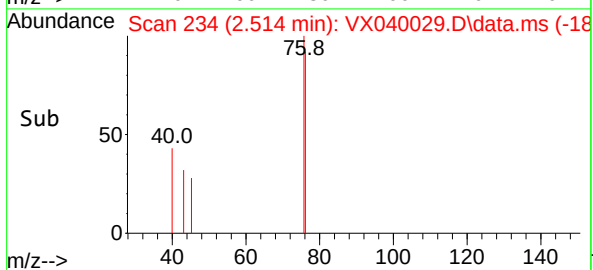
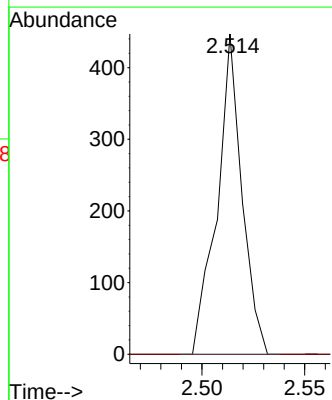
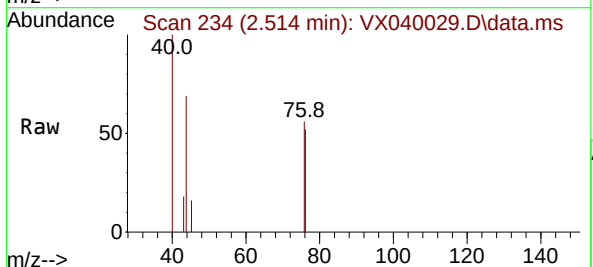
Instrument :
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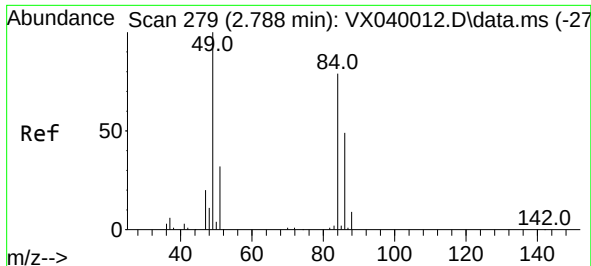
Tgt Ion: 43 Resp: 13299
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.161 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 76 Resp: 375
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

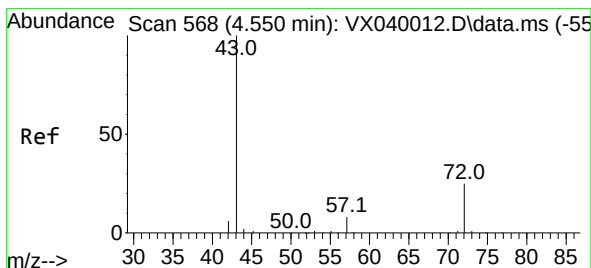
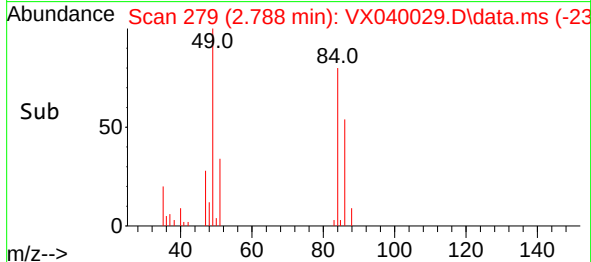
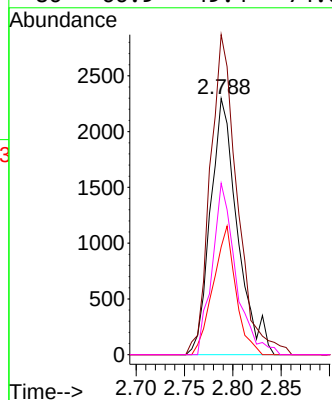
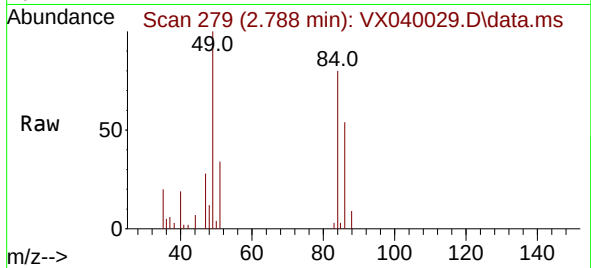




#20
Methylene Chloride
Concen: 4.671 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

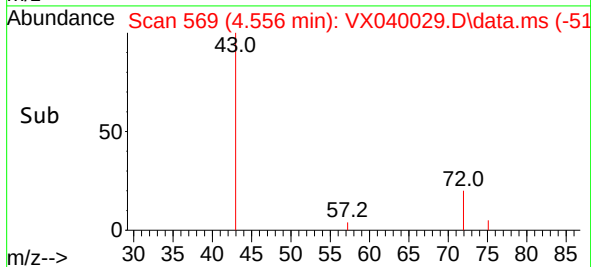
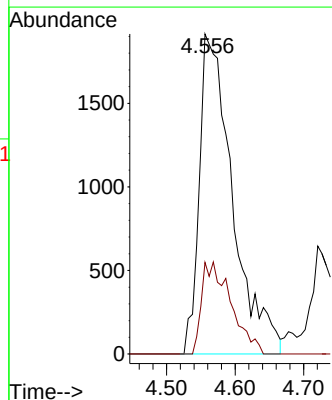
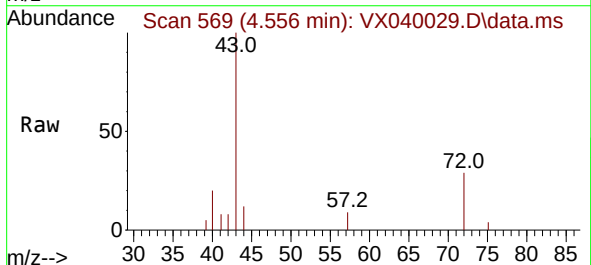
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

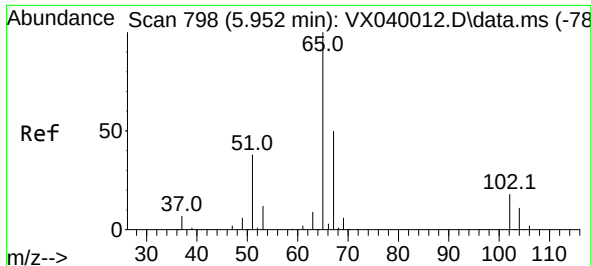
Tgt Ion:	84	Resp:	4444
Ion	Ratio	Lower	Upper
84	100		
49	125.0	103.6	155.4
51	42.1	33.8	50.6
86	66.9	49.4	74.0



#25
2-Butanone
Concen: 8.650 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion:	43	Resp:	6437
Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 52.160 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

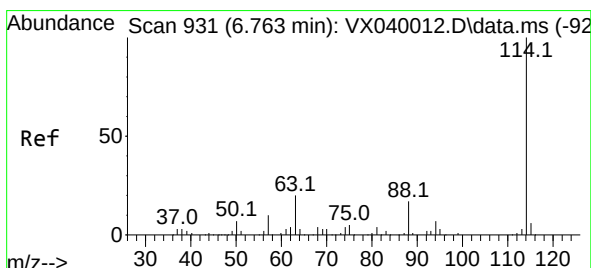
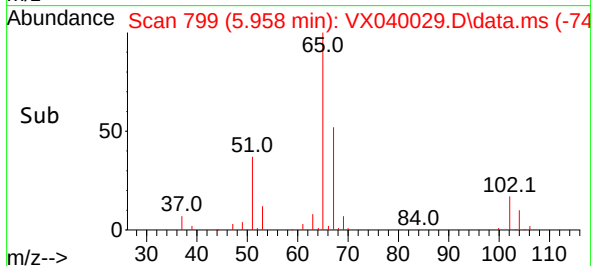
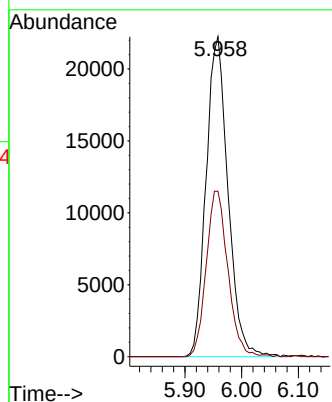
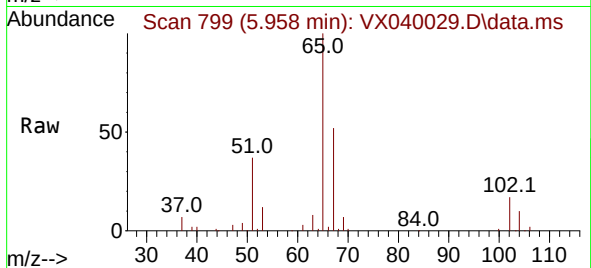
PB158700ZHE#04

Tgt Ion: 65 Resp: 59596

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

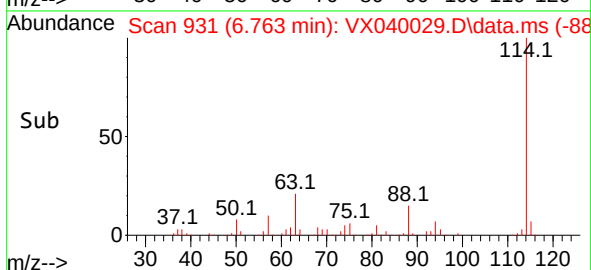
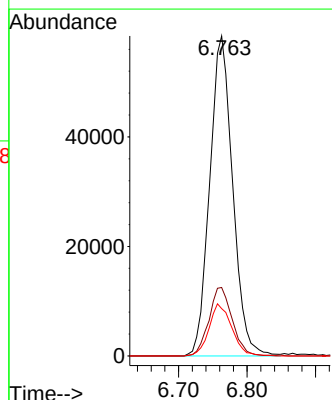
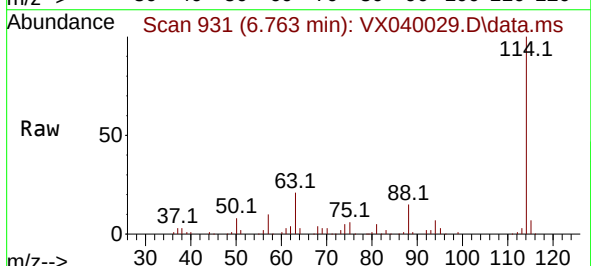
Tgt Ion: 114 Resp: 136188

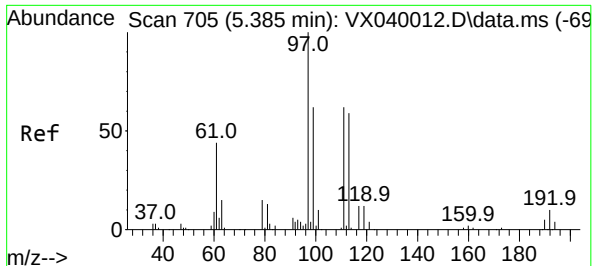
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 14.8 0.0 36.6

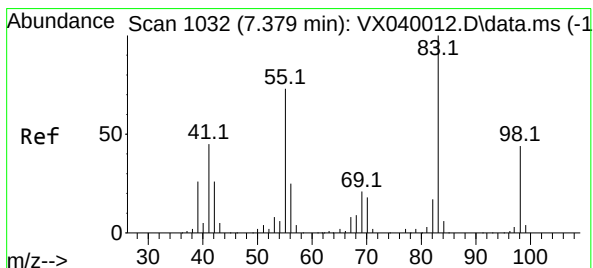
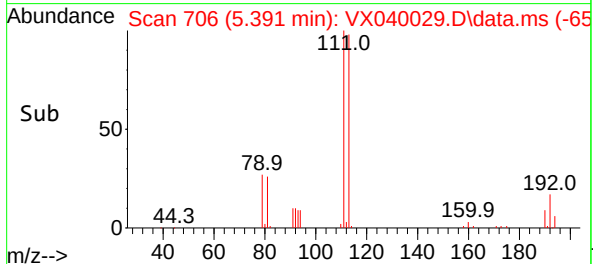
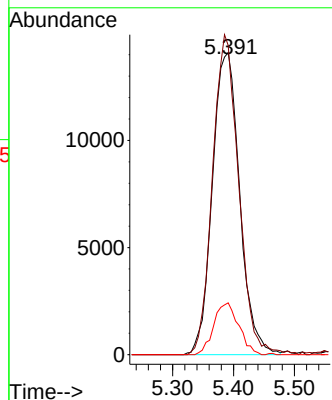
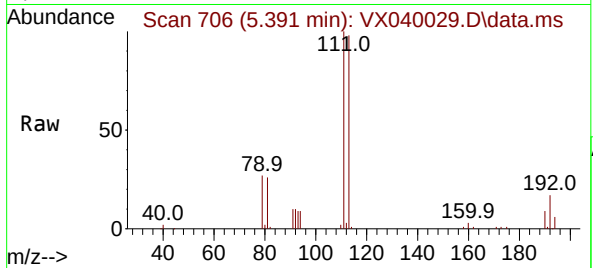




#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

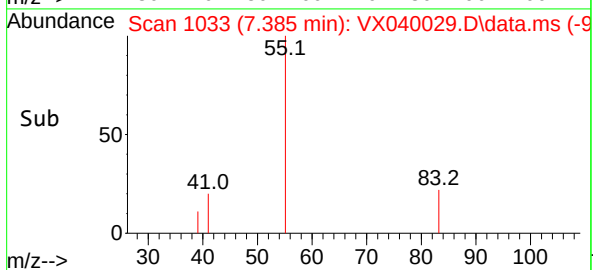
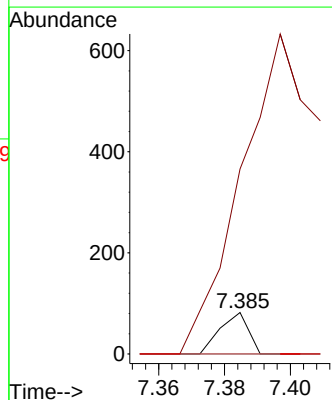
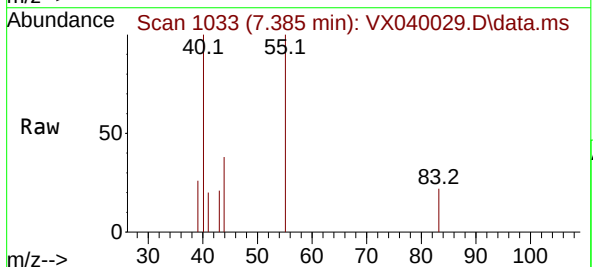
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

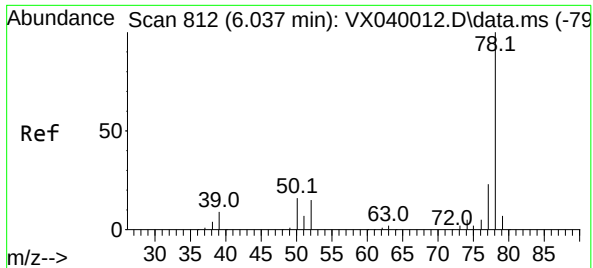
Tgt Ion:113 Resp: 43919
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 15.7 13.3 19.9



#39
Methylcyclohexane
Concen: 0.030 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 83 Resp: 49
Ion Ratio Lower Upper
83 100
55 446.3 64.6 97.0#
98 0.0 36.7 55.1#





#40

Benzene

Concen: 0.014 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

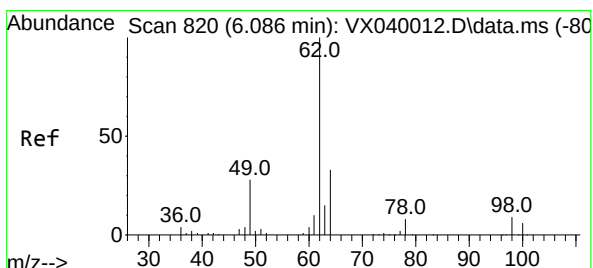
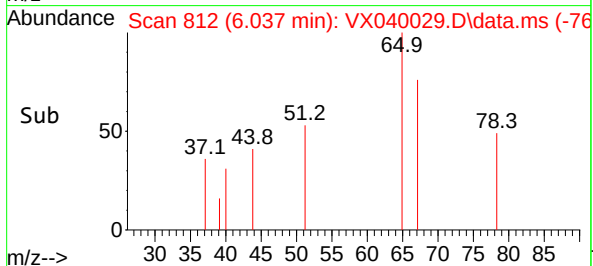
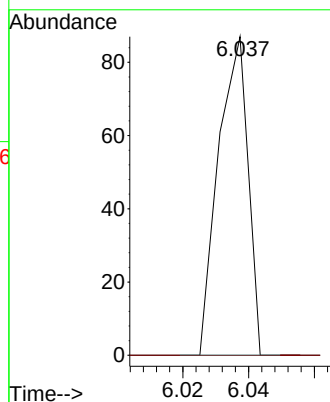
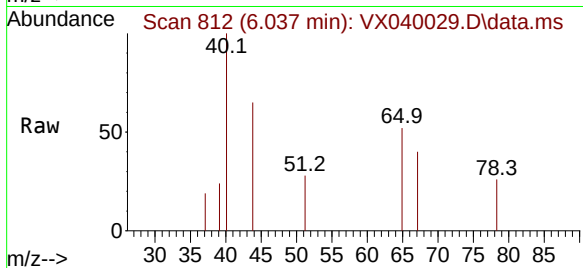
PB158700ZHE#04

Tgt Ion: 78 Resp: 54

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#42

1,2-Dichloroethane

Concen: 0.046 ug/l

RT: 6.104 min Scan# 823

Delta R.T. 0.018 min

Lab File: VX040029.D

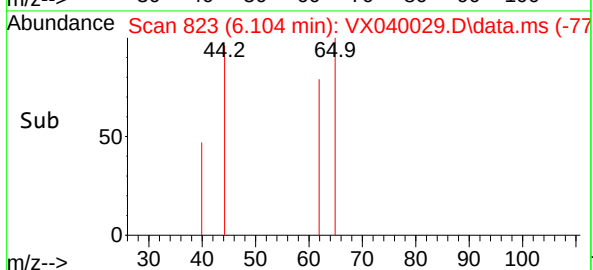
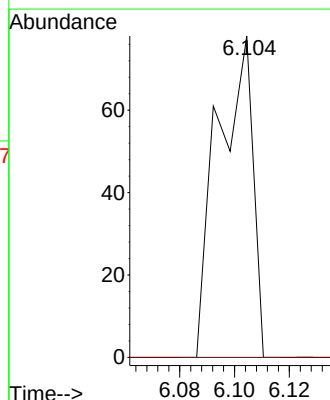
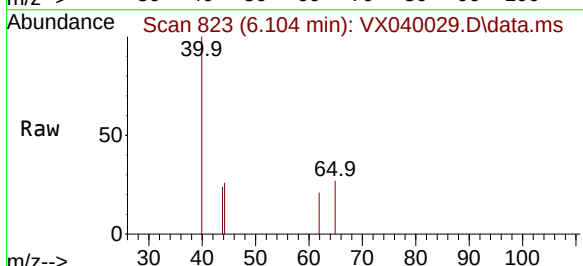
Acq: 30 Jan 2024 19:06

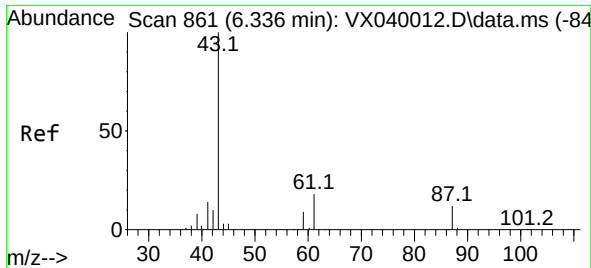
Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

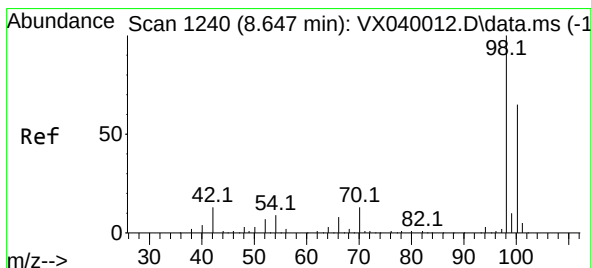
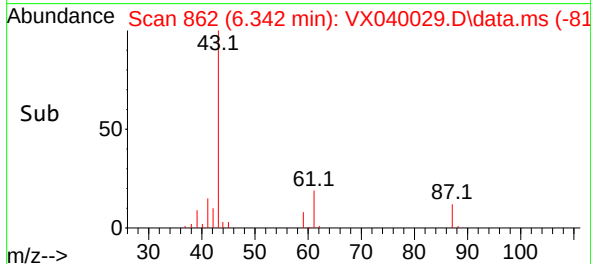
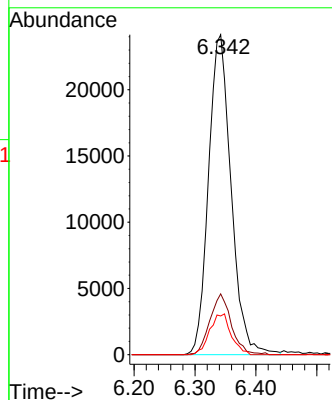
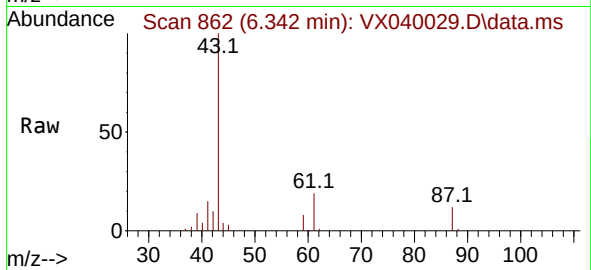




#43
Isopropyl Acetate
Concen: 26.927 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

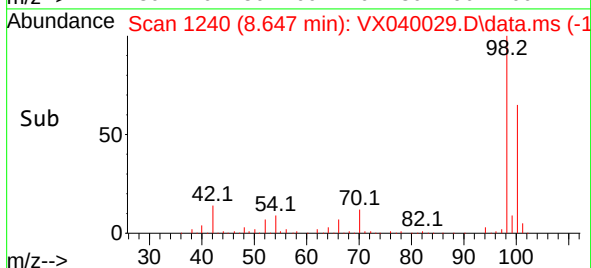
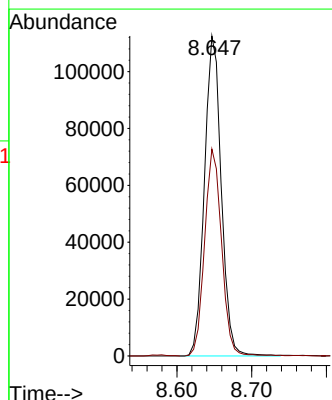
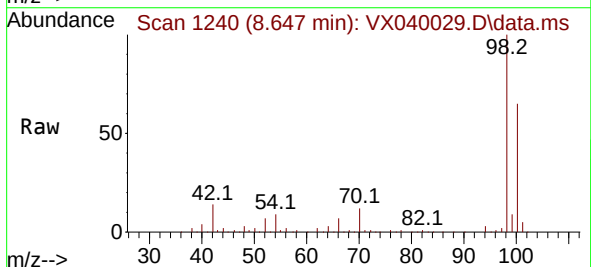
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

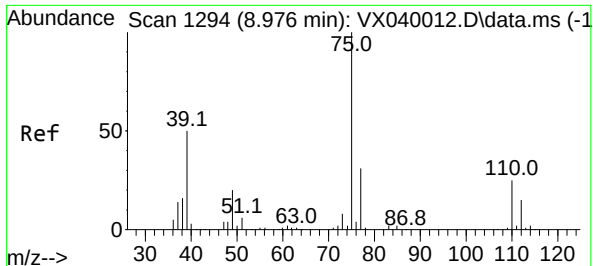
Tgt Ion: 43 Resp: 62178
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 12.1 9.8 14.6



#50
Toluene-d8
Concen: 50.771 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 98 Resp: 176022
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7





#53

t-1,3-Dichloropropene

Concen: 0.054 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

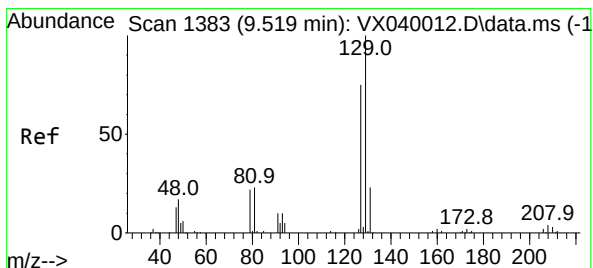
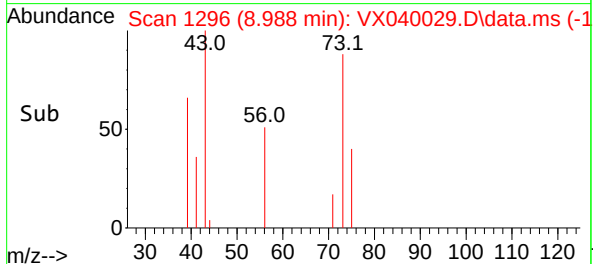
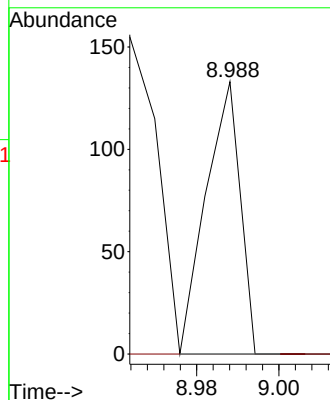
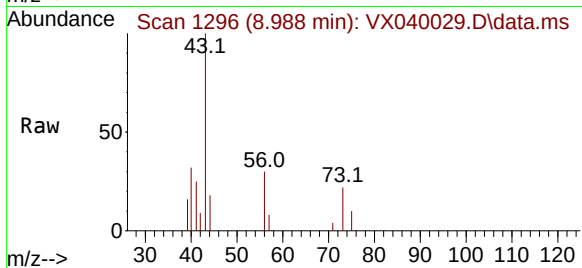
PB158700ZHE#04

Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



#60

Dibromochloromethane

Concen: 0.028 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX040029.D

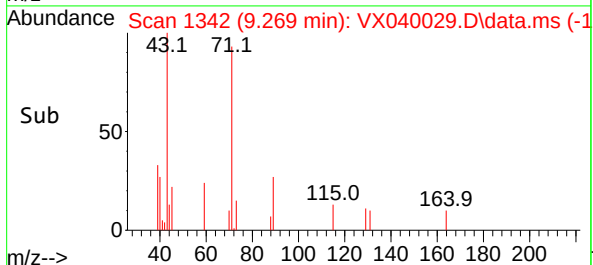
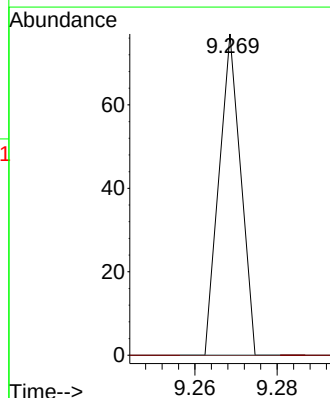
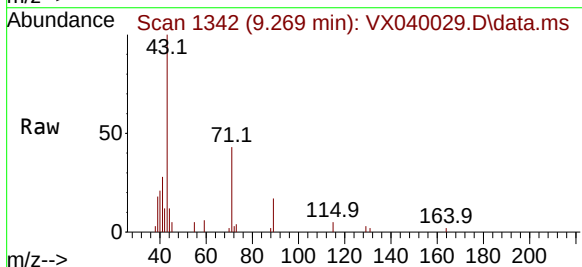
Acq: 30 Jan 2024 19:06

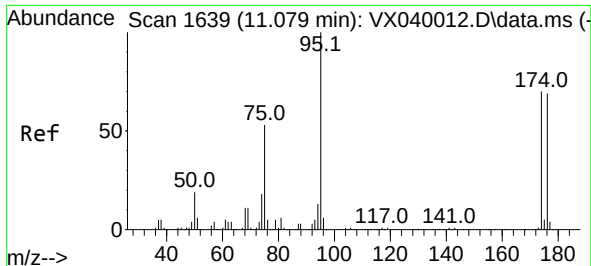
Tgt Ion: 129 Resp: 28

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

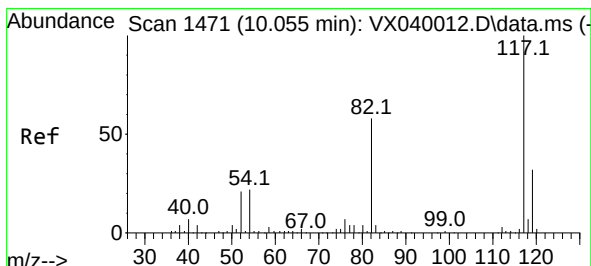
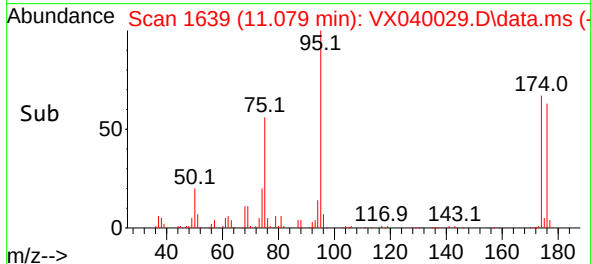
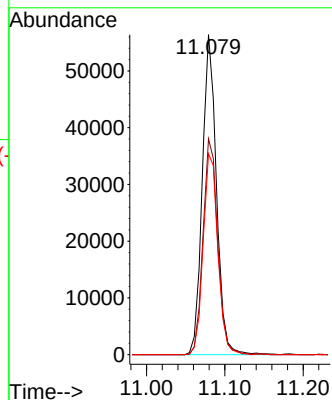
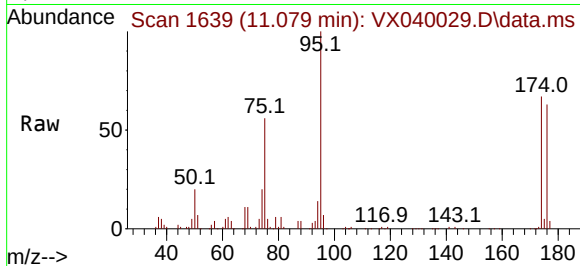




#62
4-Bromofluorobenzene
Concen: 52.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

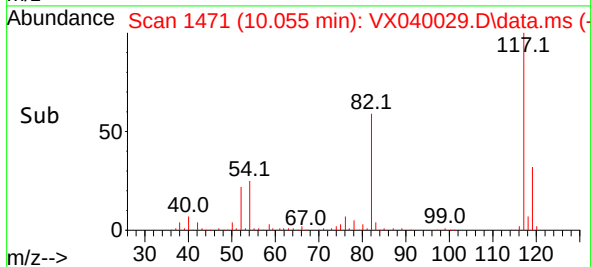
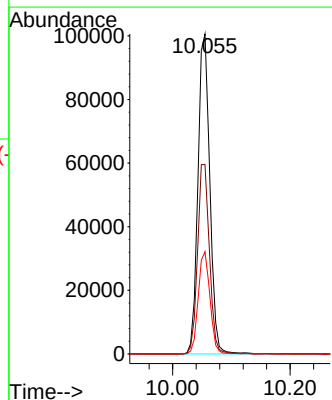
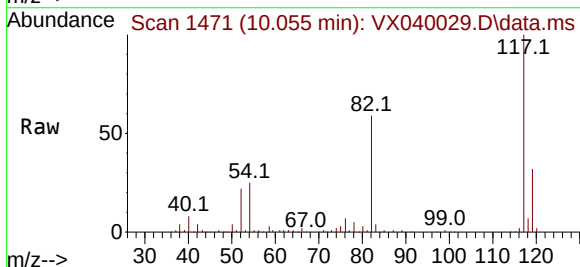
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

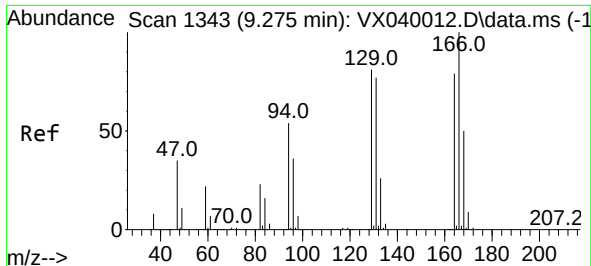
Tgt Ion: 95 Resp: 70608
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 65.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

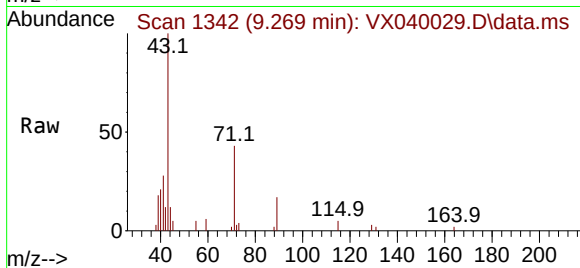
Tgt Ion: 117 Resp: 140937
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.9 25.5 38.3





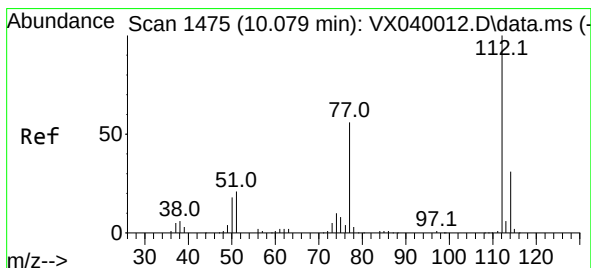
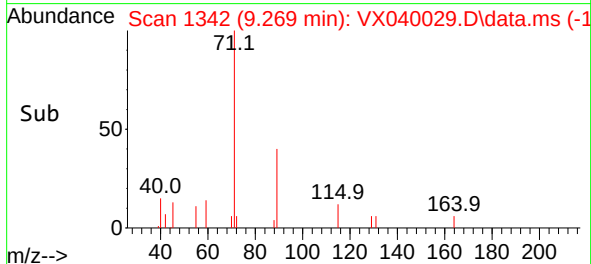
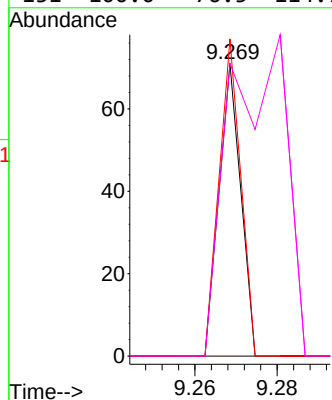
#64
Tetrachloroethene
Concen: 0.028 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04



Tgt Ion:164 Resp: 26

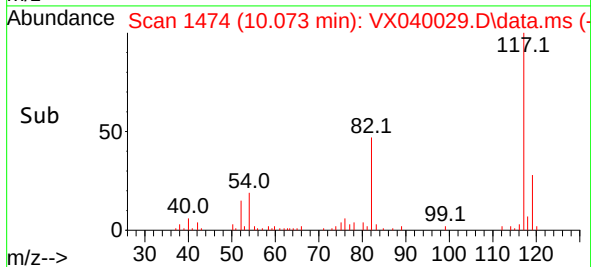
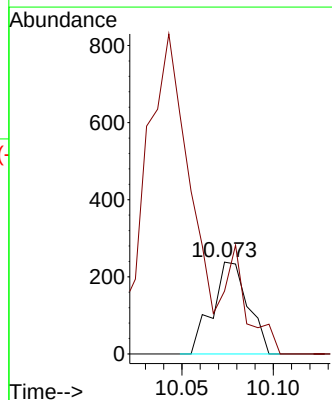
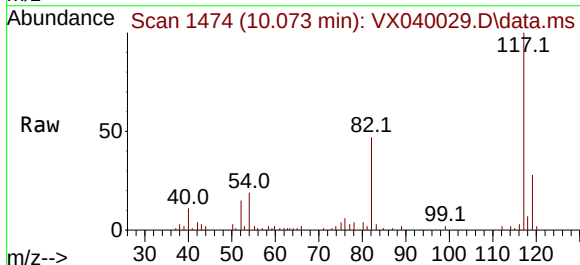
Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.7	154.1#
129	108.5	80.4	120.6
131	100.0	76.5	114.7

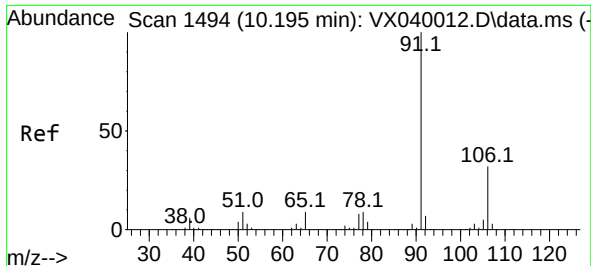


#65
Chlorobenzene
Concen: 0.111 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion:112 Resp: 322

Ion	Ratio	Lower	Upper
112	100		
114	68.5	25.7	38.5#

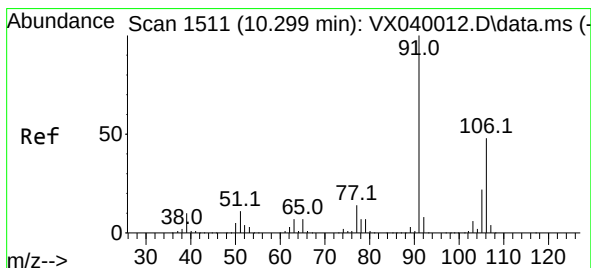
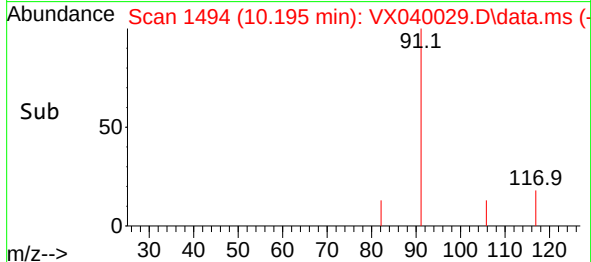
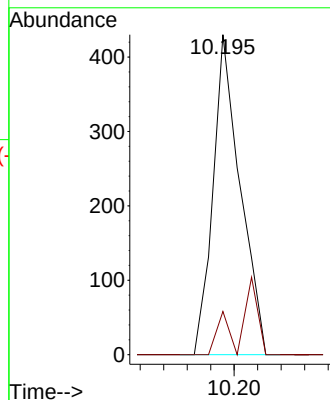
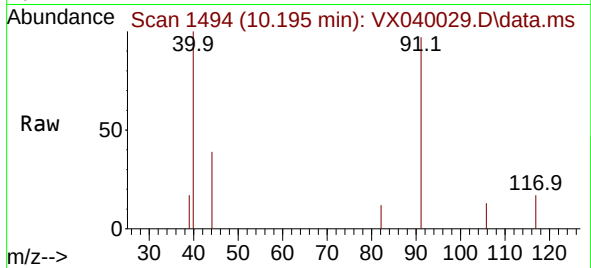




#67
Ethyl Benzene
Concen: 0.066 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

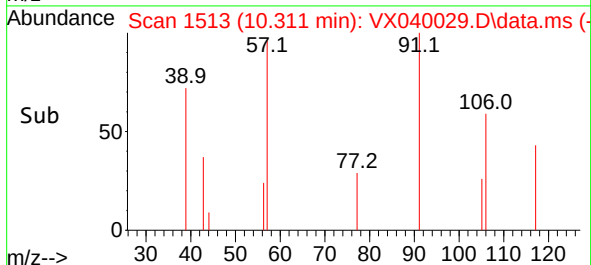
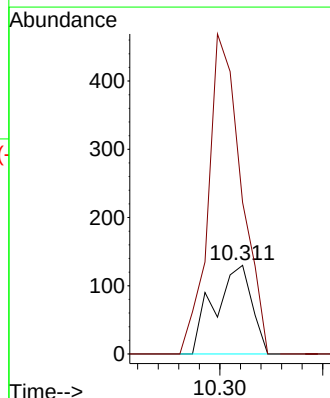
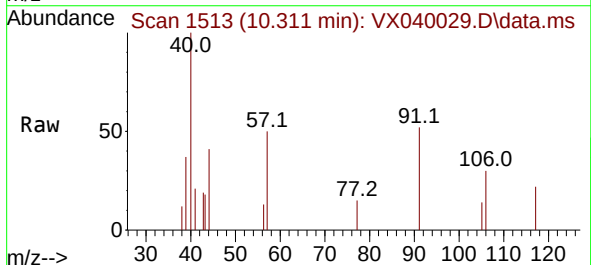
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

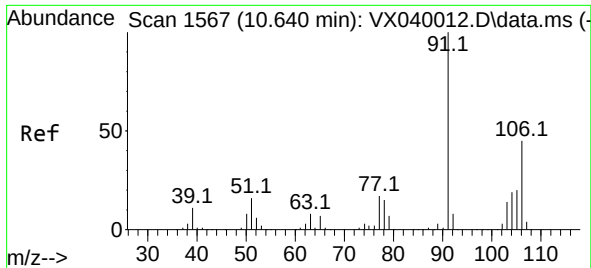
Tgt Ion: 91 Resp: 345
Ion Ratio Lower Upper
91 100
106 13.5 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.083 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion: 106 Resp: 163
Ion Ratio Lower Upper
106 100
91 320.9 165.5 248.3#

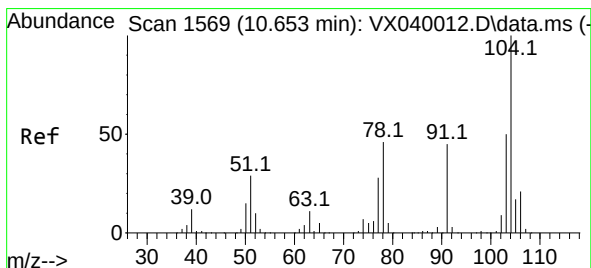
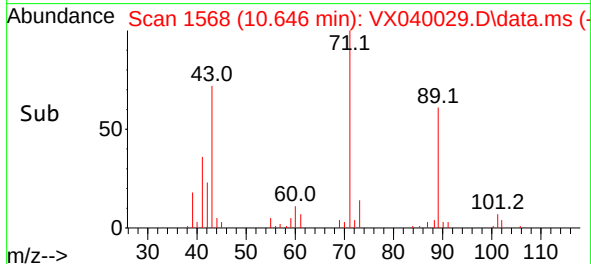
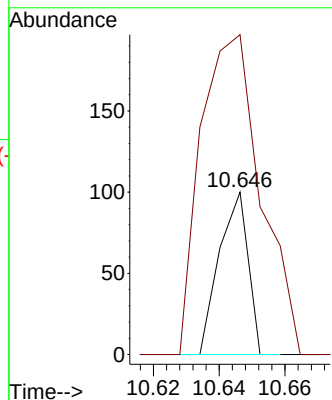
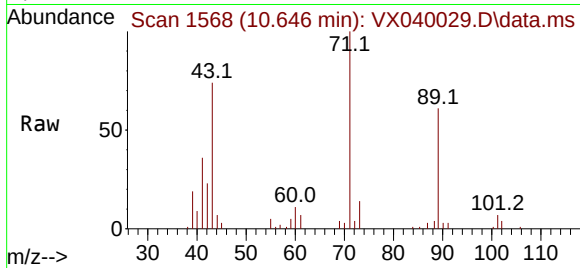




#69
o-Xylene
Concen: 0.033 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

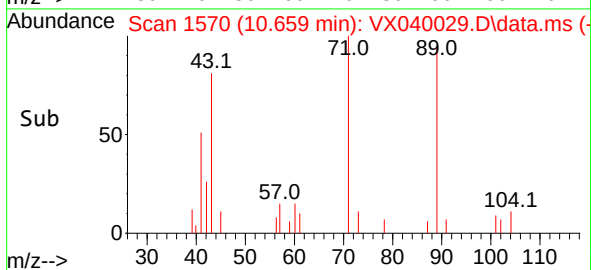
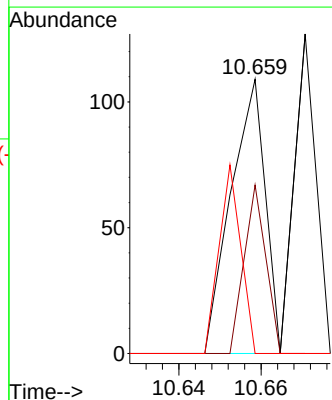
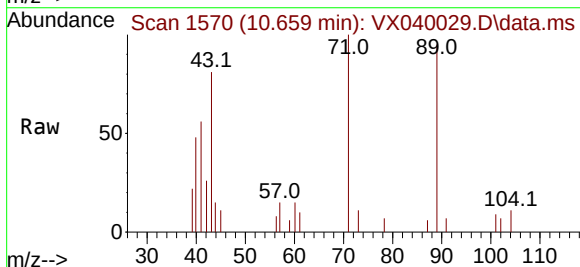
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

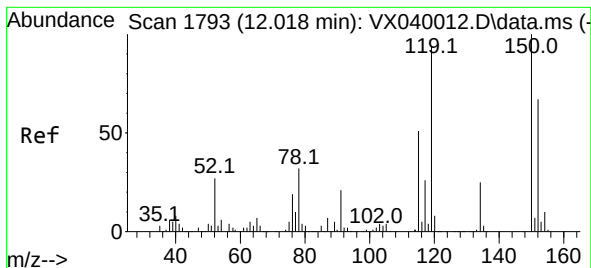
Tgt Ion:106 Resp: 61
Ion Ratio Lower Upper
106 100
91 409.8 108.9 326.8#



#70
Styrene
Concen: 0.020 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion:104 Resp: 63
Ion Ratio Lower Upper
104 100
78 39.7 43.6 65.4#
103 42.9 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#04

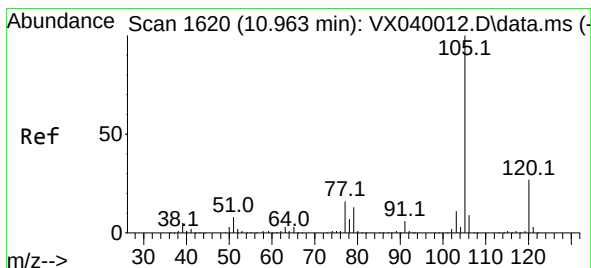
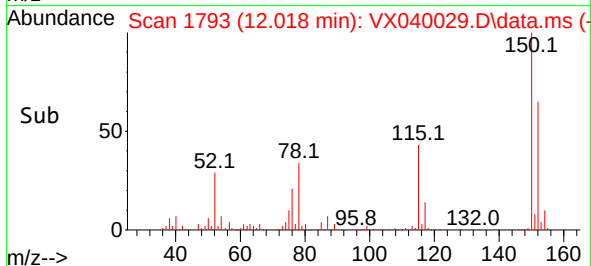
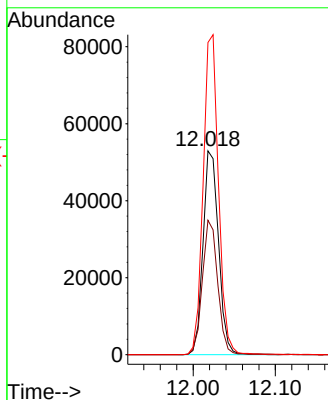
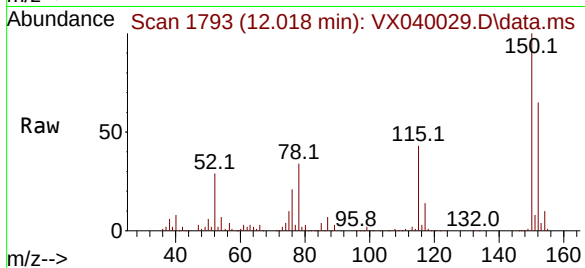
Tgt Ion:152 Resp: 69393

Ion Ratio Lower Upper

152 100

115 65.2 43.3 129.9

150 155.2 0.0 345.0



#73

Isopropylbenzene

Concen: 0.048 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040029.D

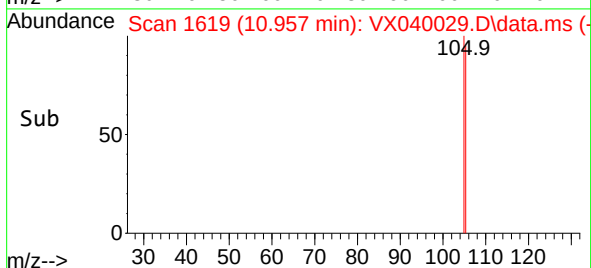
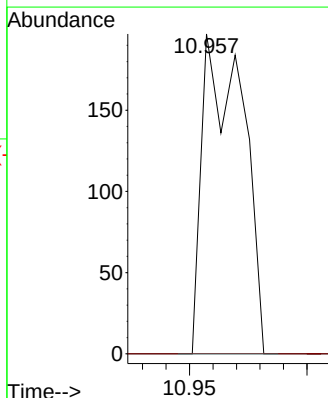
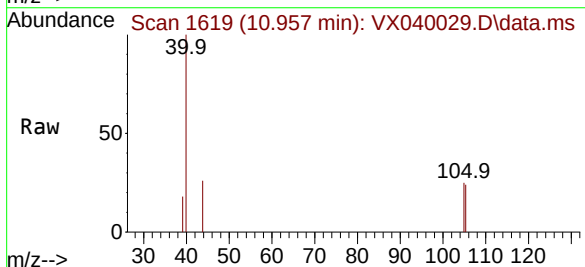
Acq: 30 Jan 2024 19:06

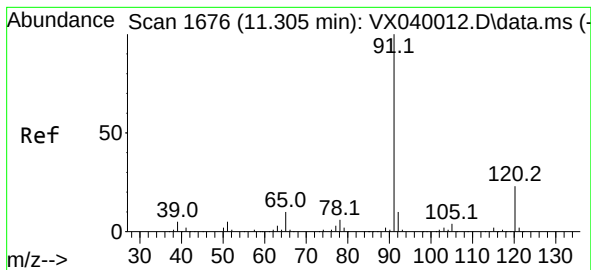
Tgt Ion:105 Resp: 237

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.6#





#78

n-propylbenzene

Concen: 0.074 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.158 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

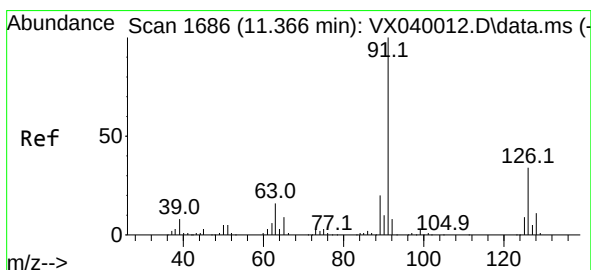
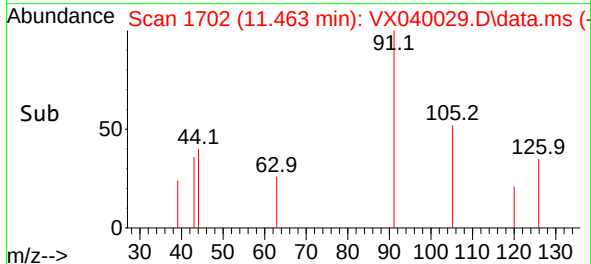
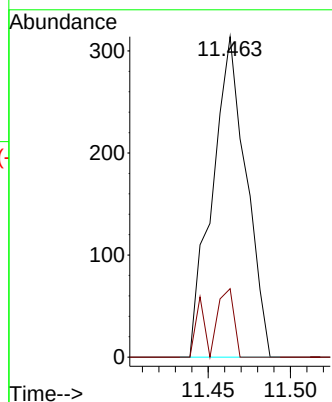
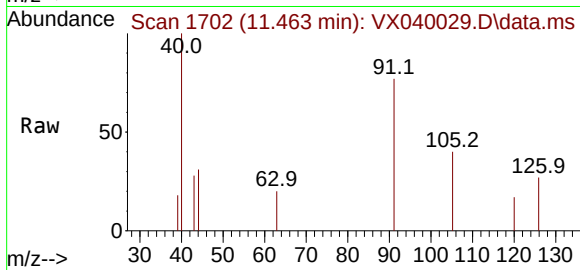
PB158700ZHE#04

Tgt Ion: 91 Resp: 451

Ion Ratio Lower Upper

91 100

120 14.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.122 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.097 min

Lab File: VX040029.D

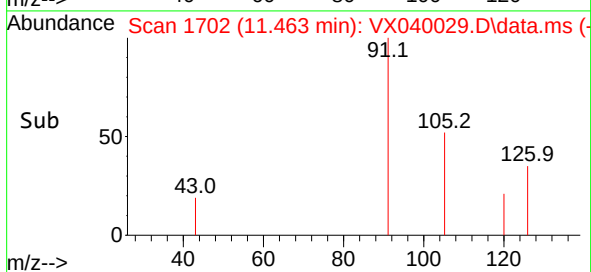
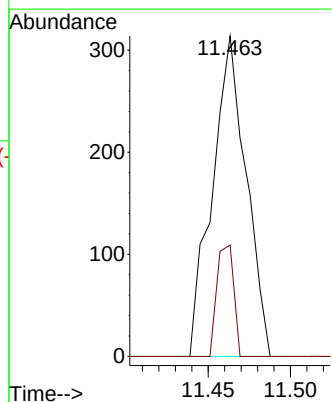
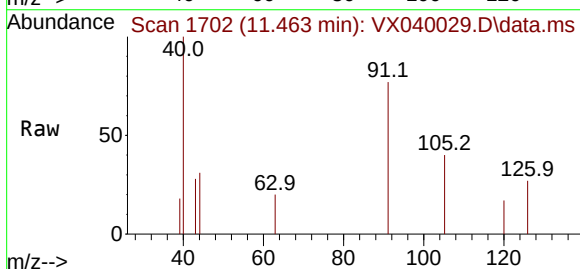
Acq: 30 Jan 2024 19:06

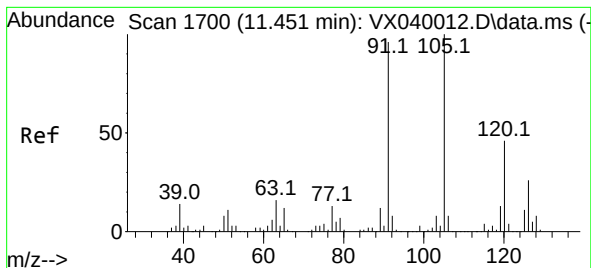
Tgt Ion: 91 Resp: 451

Ion Ratio Lower Upper

91 100

126 17.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.076 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

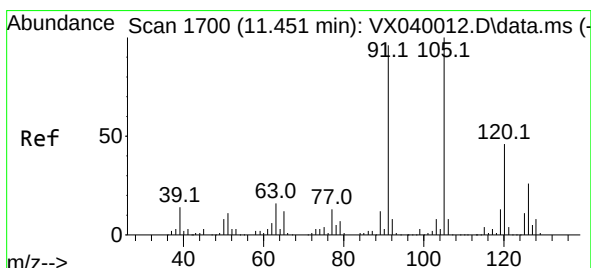
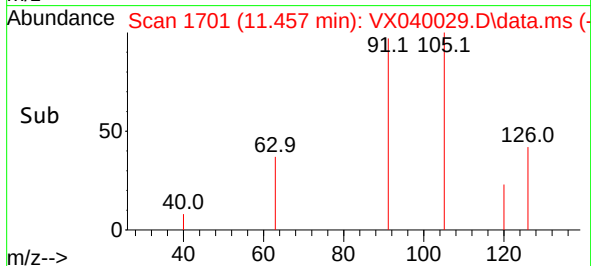
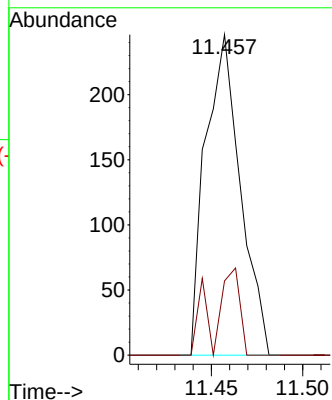
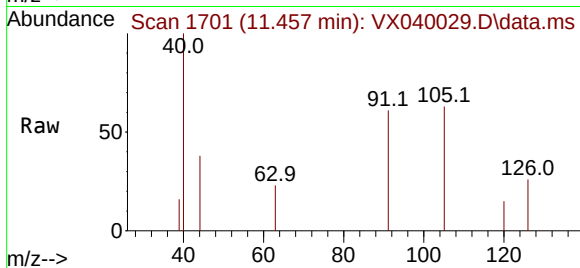
PB158700ZHE#04

Tgt Ion:105 Resp: 327

Ion Ratio Lower Upper

105 100

120 20.5 24.1 72.3#



#82

4-Chlorotoluene

Concen: 0.106 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.012 min

Lab File: VX040029.D

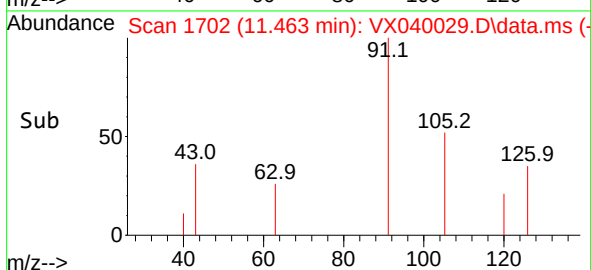
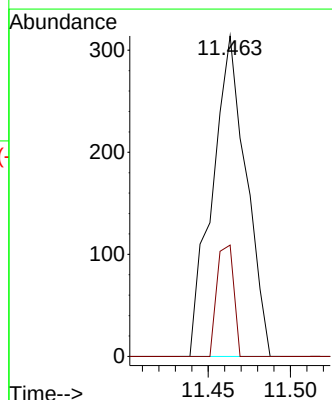
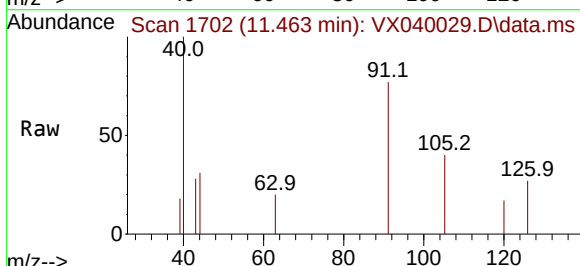
Acq: 30 Jan 2024 19:06

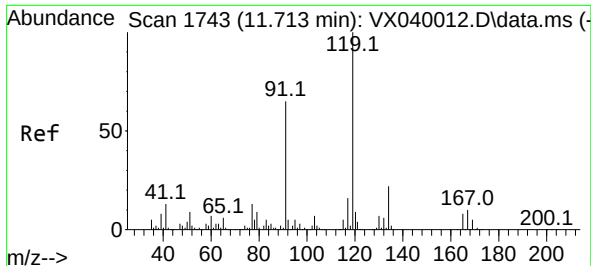
Tgt Ion: 91 Resp: 451

Ion Ratio Lower Upper

91 100

126 17.3 14.2 42.6

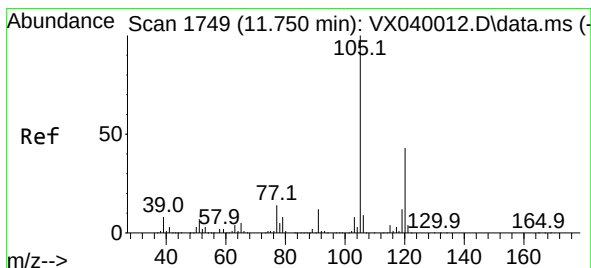
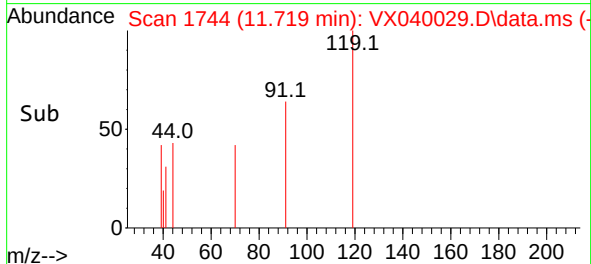
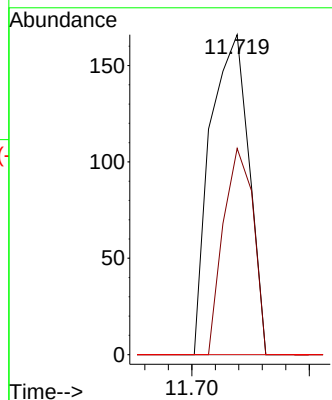
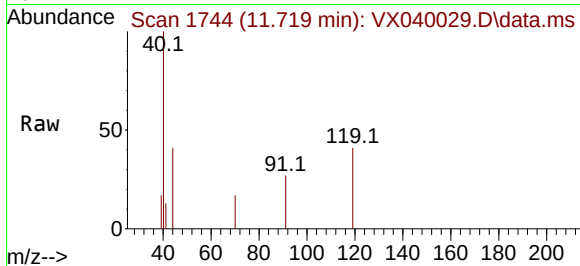




#83
tert-Butylbenzene
Concen: 0.046 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

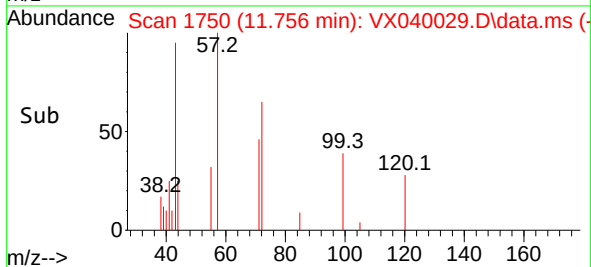
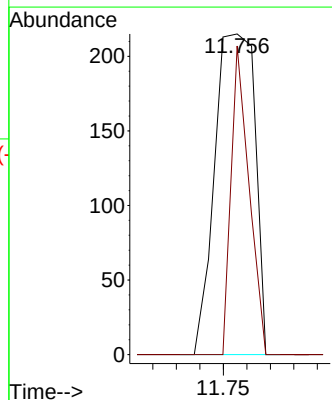
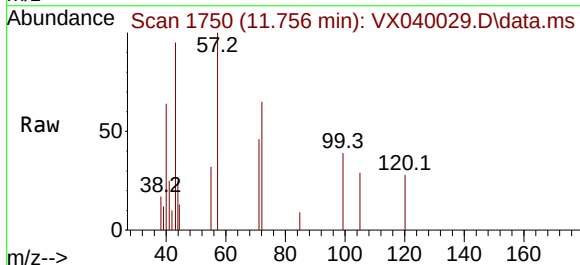
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

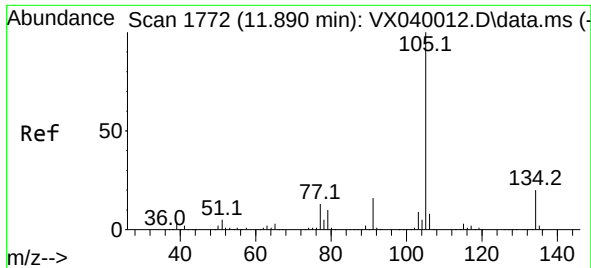
Tgt Ion	Ratio	Lower	Upper
119	100		
91	50.3	31.2	93.6
134	0.0	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.060 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.2	63.6

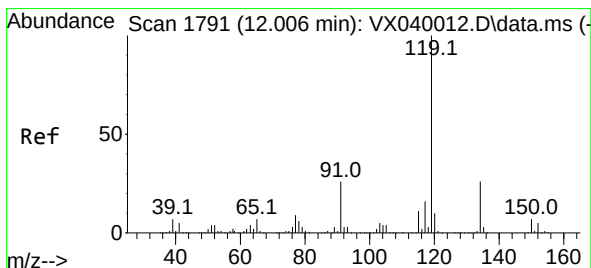
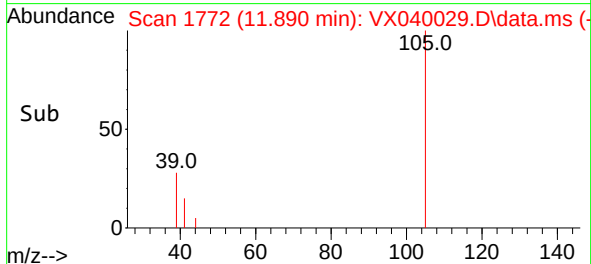
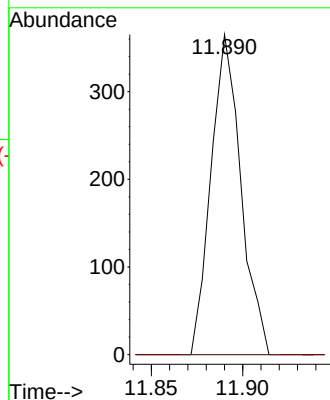
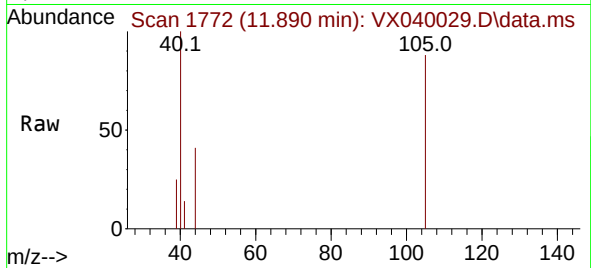




#85
sec-Butylbenzene
Concen: 0.077 ug/l
RT: 11.890 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

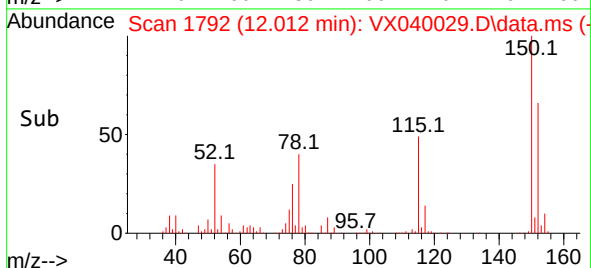
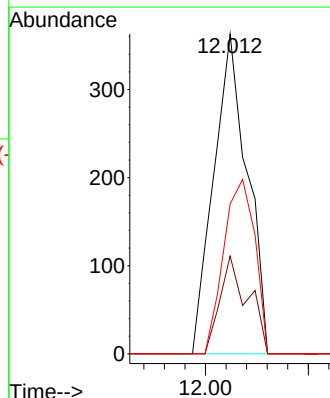
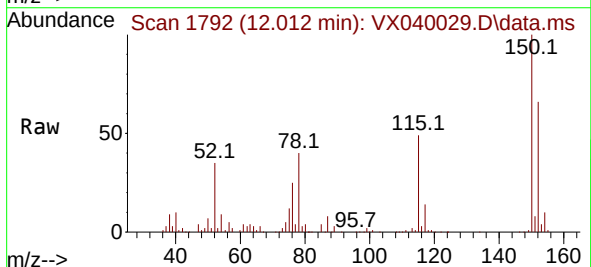
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

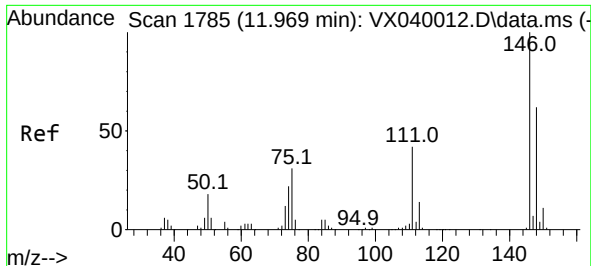
Tgt Ion:105 Resp: 417
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 0.093 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion:119 Resp: 411
Ion Ratio Lower Upper
119 100
134 25.5 12.8 38.3
91 50.9 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.147 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#04

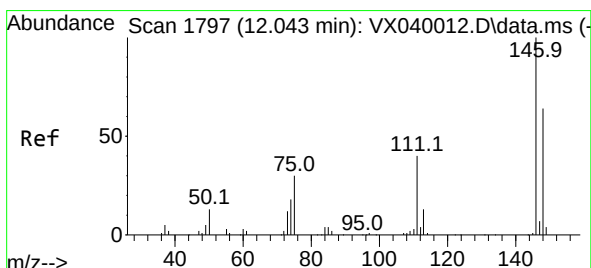
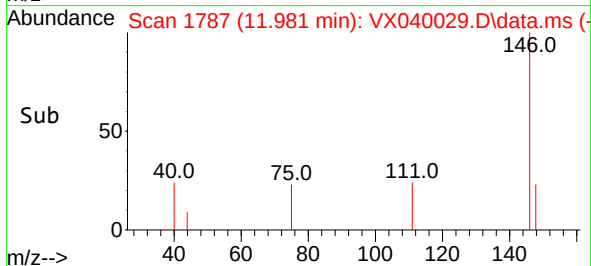
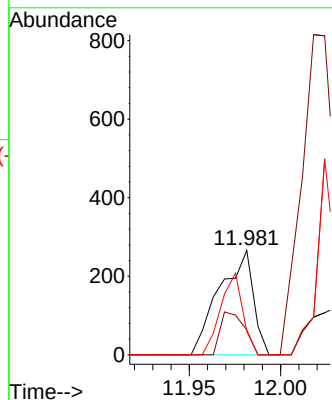
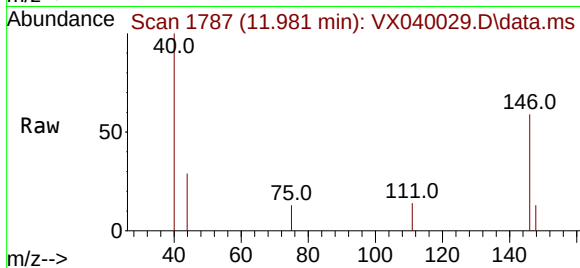
Tgt Ion:146 Resp: 342

Ion Ratio Lower Upper

146 100

111 29.2 22.1 66.1

148 51.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.144 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. -0.061 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

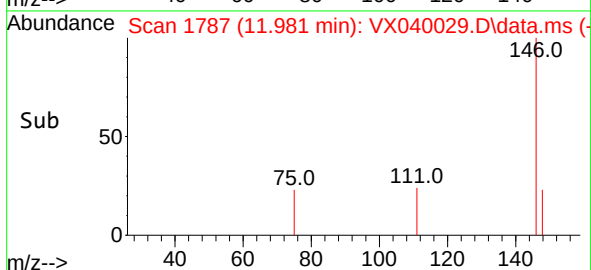
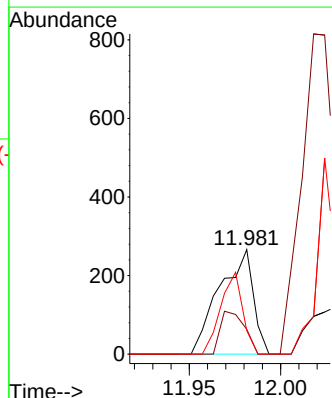
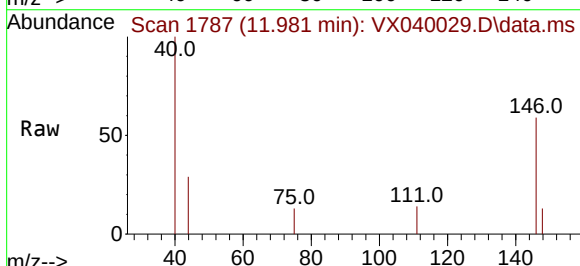
Tgt Ion:146 Resp: 342

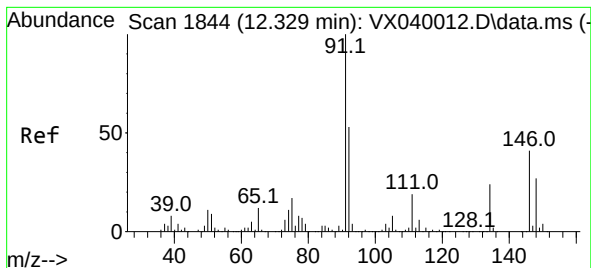
Ion Ratio Lower Upper

146 100

111 29.2 21.3 63.7

148 51.2 31.8 95.4





#89

n-Butylbenzene

Concen: 0.129 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#04

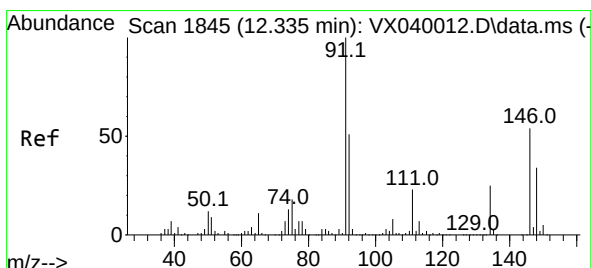
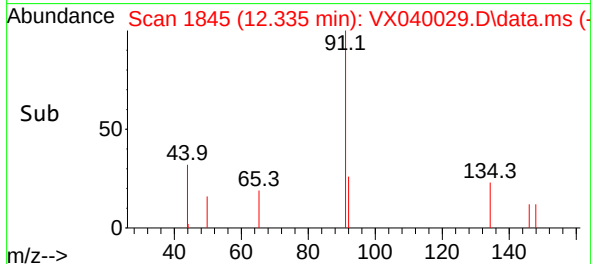
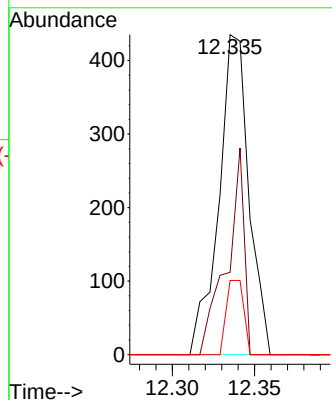
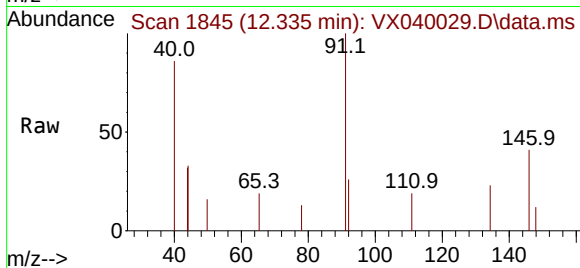
Tgt Ion: 91 Resp: 555

Ion Ratio Lower Upper

91 100

92 37.1 27.4 82.0

134 13.3 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.072 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040029.D

Acq: 30 Jan 2024 19:06

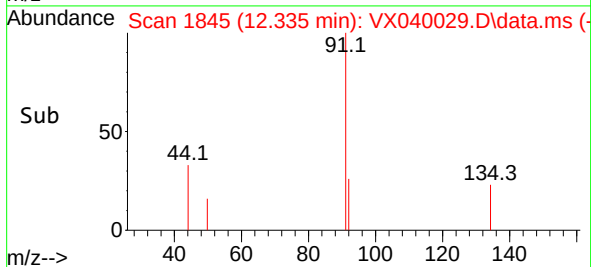
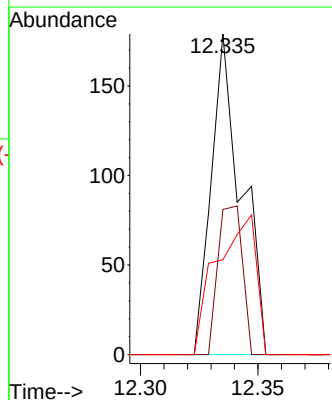
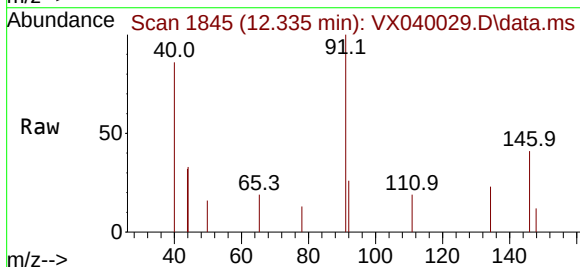
Tgt Ion:146 Resp: 160

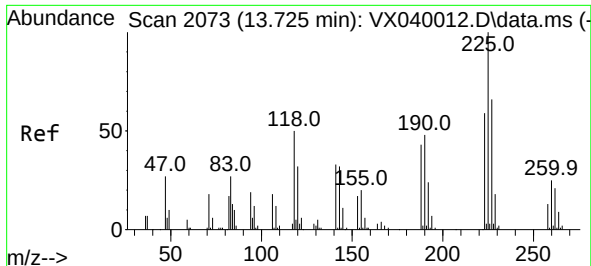
Ion Ratio Lower Upper

146 100

111 37.5 22.4 67.0

148 56.9 31.6 95.0

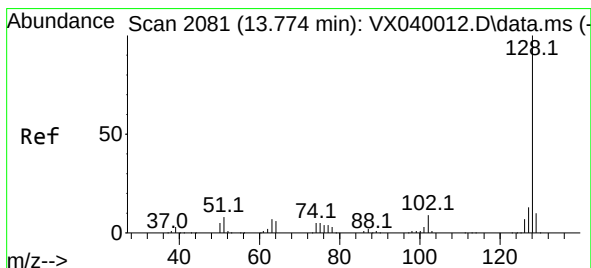
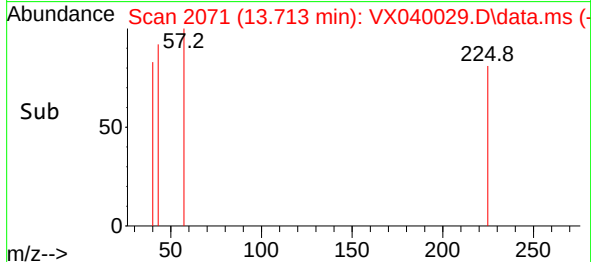
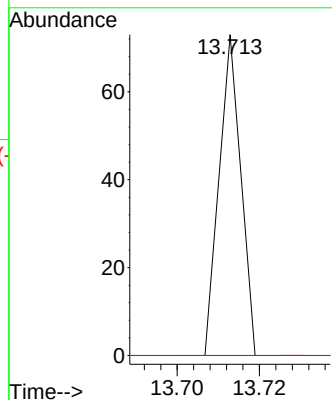
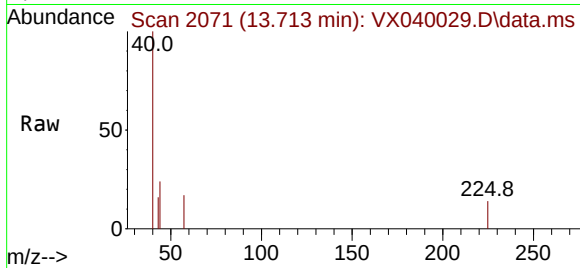




#94
Hexachlorobutadiene
Concen: 0.049 ug/l
RT: 13.713 min Scan# 2071
Delta R.T. -0.012 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

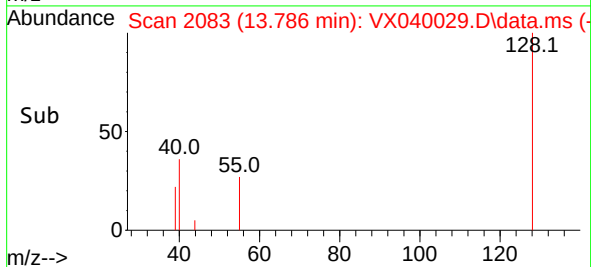
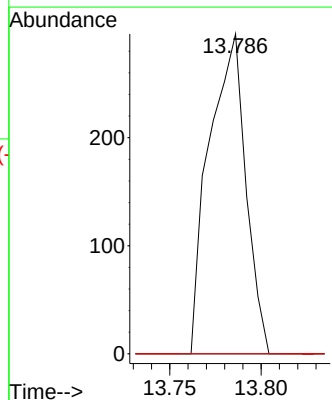
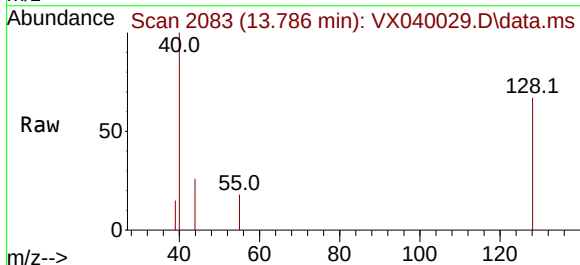
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#04

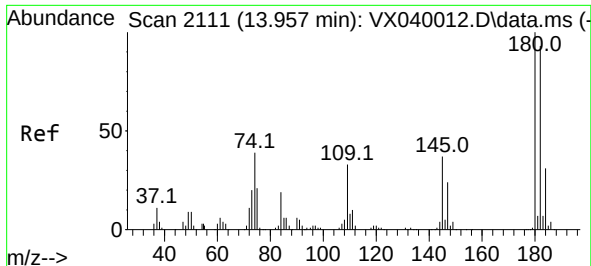
Tgt Ion:225 Resp: 27
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 32.5 97.5#



#95
Naphthalene
Concen: 0.087 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX040029.D
Acq: 30 Jan 2024 19:06

Tgt Ion:128 Resp: 412
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.155 ug/l

RT: 13.957 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040029.D

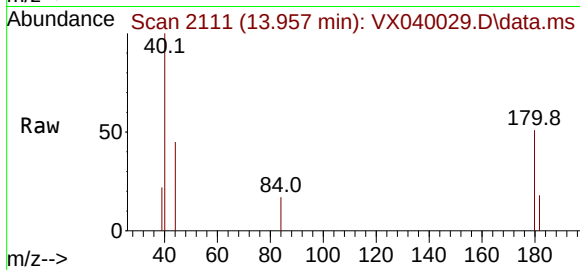
Acq: 30 Jan 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#04



Tgt Ion:	180	Resp:	214
Ion	Ratio	Lower	Upper
180	100		
182	44.4	46.9	140.6#
145	0.0	17.8	53.5#

