

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046378.D
 Acq On : 28 May 2025 12:19
 Operator : JC/MD
 Sample : PB168159TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168159TB

Quant Time: May 29 03:34:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68551	53.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.900%	
35) Dibromofluoromethane	5.379	113	50552	51.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.640%	
50) Toluene-d8	8.647	98	174578	51.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	11.079	95	69234	53.451	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	21	0.020	ug/l #	43
3) Chloromethane	1.307	50	108	0.107	ug/l #	43
5) Bromomethane	1.593	94	102	0.234	ug/l #	4
6) Chloroethane	1.666	64	44	0.088	ug/l #	44
10) Methyl Iodide	2.453	142	21	0.021	ug/l #	34
11) Tert butyl alcohol	2.959	59	324	1.817	ug/l #	72
13) Acrolein	2.245	56	55	0.271	ug/l #	59
14) Allyl chloride	2.642	41	94	0.061	ug/l #	21
15) Acrylonitrile	3.093	53	45	0.088	ug/l #	66
16) Acetone	2.379	43	29436	57.783	ug/l	98
17) Carbon Disulfide	2.501	76	400	0.209	ug/l #	76
18) Methyl Acetate	2.703	43	1786	1.511	ug/l	99
20) Methylene Chloride	2.788	84	4310	4.415	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	20	0.025	ug/l #	57
23) Vinyl Acetate	3.562	43	22	0.008	ug/l #	74
25) 2-Butanone	4.605	43	1956	2.645	ug/l	94
29) Tetrahydrofuran	5.019	42	97	0.209	ug/l #	35
31) Cyclohexane	5.544	56	2177	1.438	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	6974	5.320	ug/l #	52
37) Ethyl Acetate	4.733	43	116	0.072	ug/l #	70
38) Carbon Tetrachloride	5.550	117	8350	5.669	ug/l #	18
41) Methacrylonitrile	5.044	41	118	0.139	ug/l #	25
42) 1,2-Dichloroethane	6.098	62	88	0.053	ug/l #	78
43) Isopropyl Acetate	6.342	43	11450	4.634	ug/l	96
48) Methyl methacrylate	7.793	41	48770	38.651	ug/l #	50
49) 1,4-Dioxane	7.793	88	20	0.835	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	38443	23.440	ug/l #	51
52) Toluene	8.720	92	36	0.015	ug/l #	1
53) t-1,3-Dichloropropene	8.951	75	282	0.214	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	14567	9.998	ug/l #	66
56) Ethyl methacrylate	9.238	69	197	0.133	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	1556	0.933	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.281	63	25	0.033	ug/l #	48
59) 2-Hexanone	9.378	43	11988	9.880	ug/l #	28
65) Chlorobenzene	10.079	112	132	0.045	ug/l #	62
67) Ethyl Benzene	10.201	91	285	0.055	ug/l #	45

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

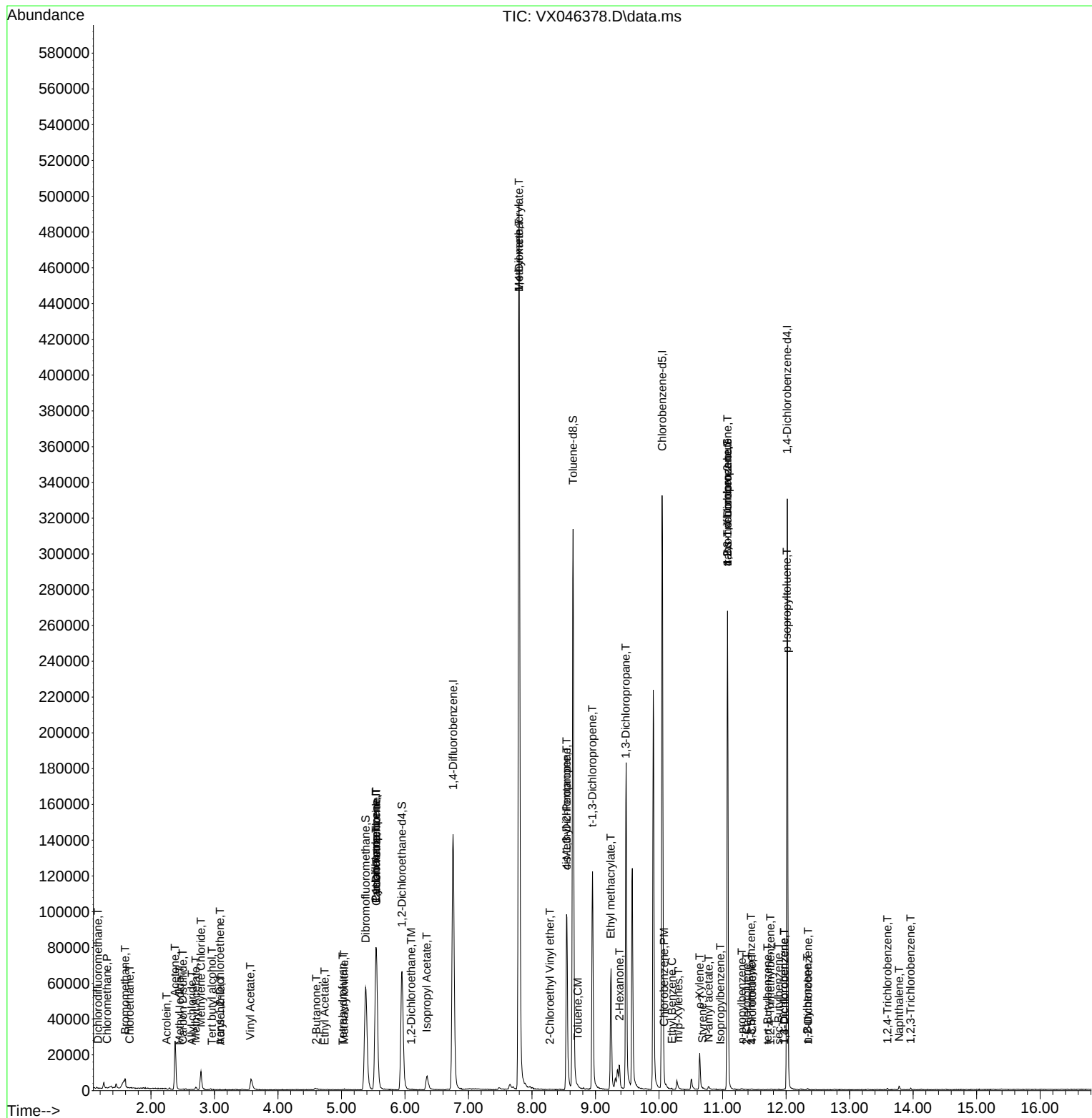
68) m/p-Xylenes	10.305	106	175	0.092	ug/l #	54
69) o-Xylene	10.640	106	46	0.025	ug/l #	1
70) Styrene	10.683	104	21	0.007	ug/l #	23
73) Isopropylbenzene	10.963	105	99	0.022	ug/l	87
74) N-amyl acetate	10.780	43	1471	0.661	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	39181	28.139	ug/l #	36
78) n-propylbenzene	11.305	91	323	0.062	ug/l #	54
79) 2-Chlorotoluene	11.378	91	255	0.075	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	194	0.052	ug/l	79
81) trans-1,4-Dichloro-2-b...	11.079	75	39181	91.610	ug/l #	1
82) 4-Chlorotoluene	11.463	91	288	0.077	ug/l #	48
83) tert-Butylbenzene	11.707	119	103	0.027	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.756	105	294	0.077	ug/l #	33
85) sec-Butylbenzene	11.884	105	294	0.063	ug/l #	57
86) p-Isopropyltoluene	12.012	119	264	0.069	ug/l #	9
87) 1,3-Dichlorobenzene	11.969	146	270	0.141	ug/l	73
88) 1,4-Dichlorobenzene	11.969	146	270	0.139	ug/l	74
89) n-Butylbenzene	12.335	91	337	0.100	ug/l #	70
91) 1,2-Dichlorobenzene	12.347	146	71	0.037	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.597	180	237	0.215	ug/l	69
95) Naphthalene	13.780	128	1928	0.478	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	276	0.243	ug/l	89

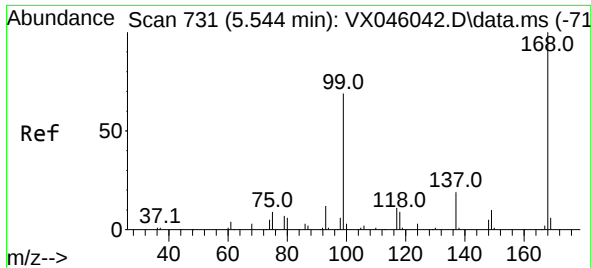
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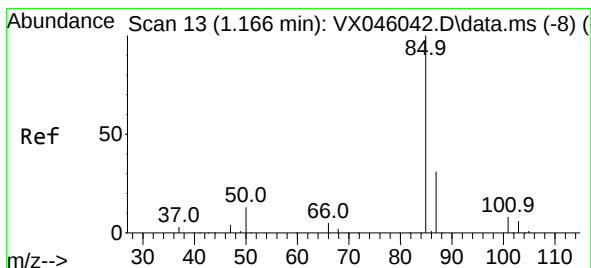
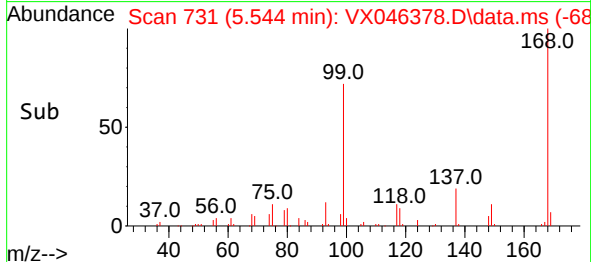
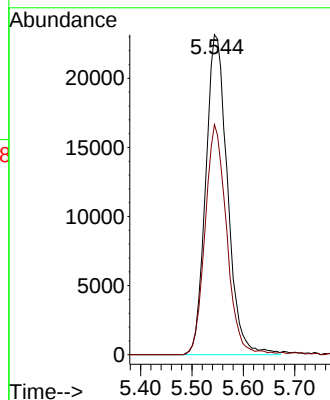
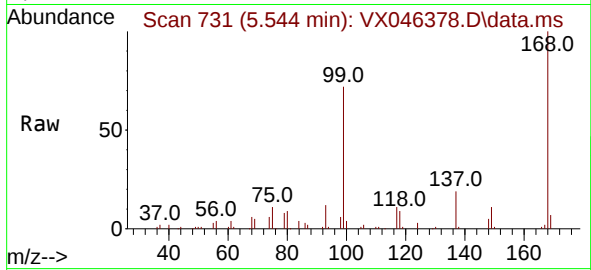




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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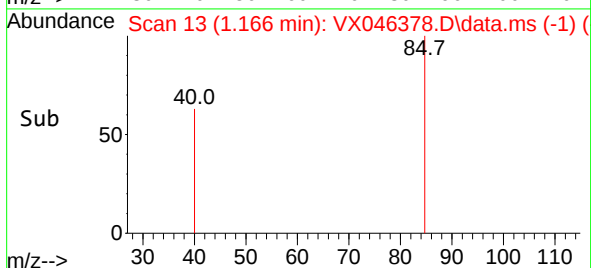
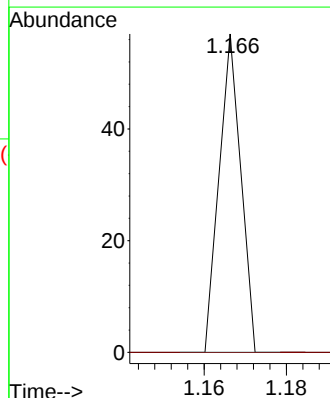
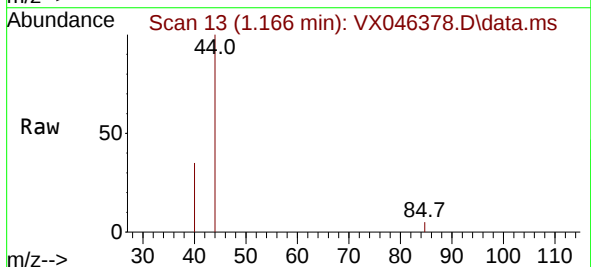
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MSVOA_X
ClientSampleId :
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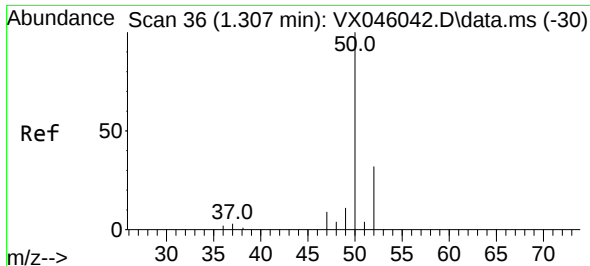
Tgt Ion:168 Resp: 68150
Ion Ratio Lower Upper
168 100
99 71.9 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 0.020 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.1#

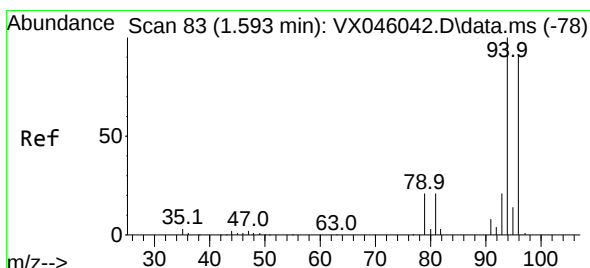
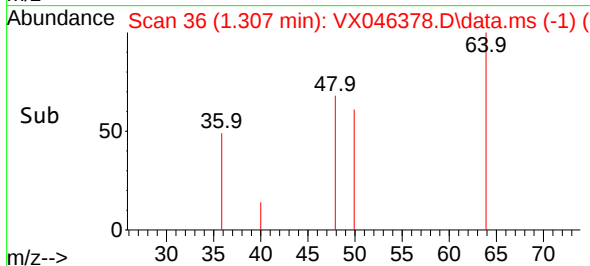
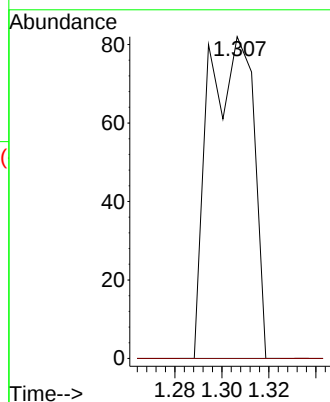
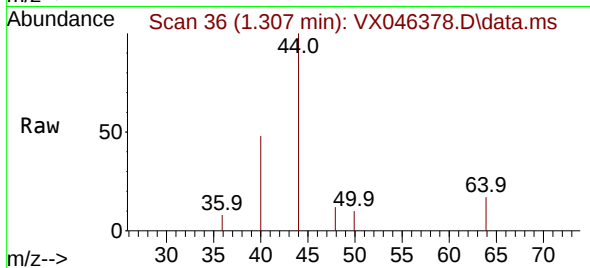




#3
Chloromethane
Concen: 0.107 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

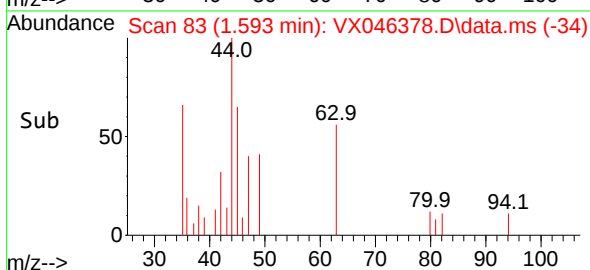
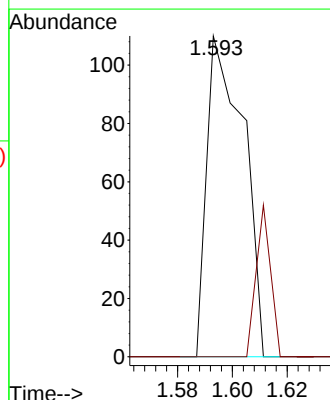
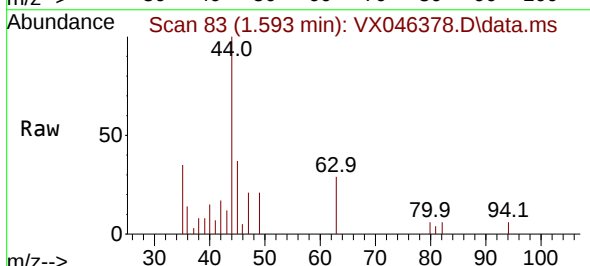
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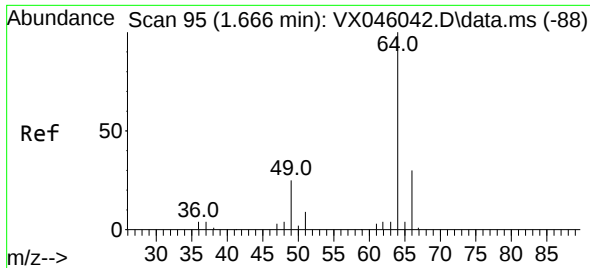
Tgt Ion: 50 Resp: 108
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

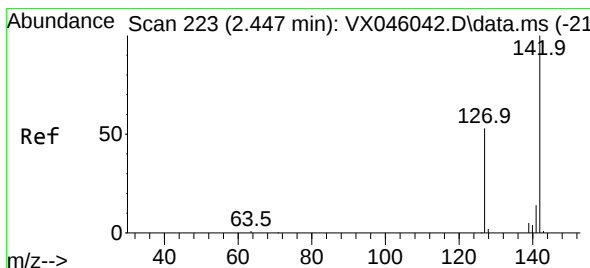
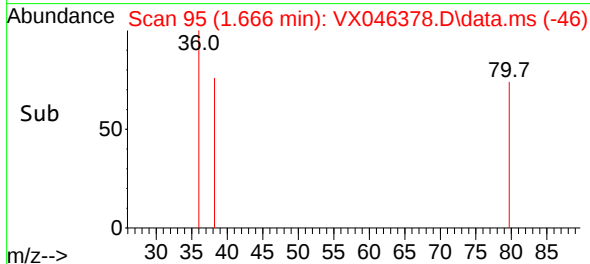
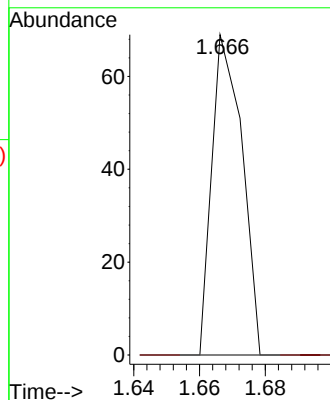
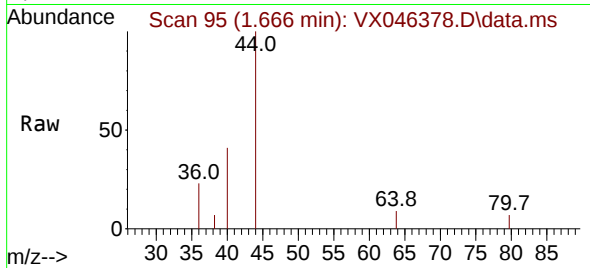




#6
Chloroethane
Concen: 0.088 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

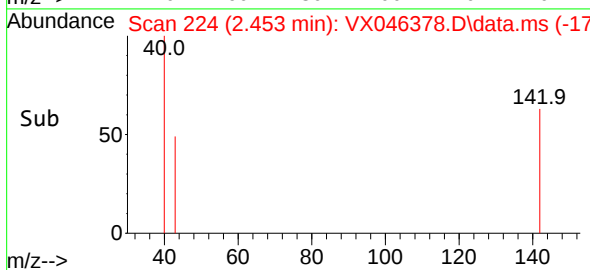
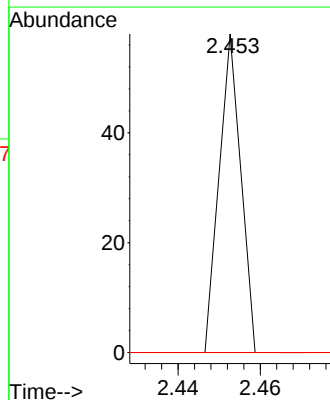
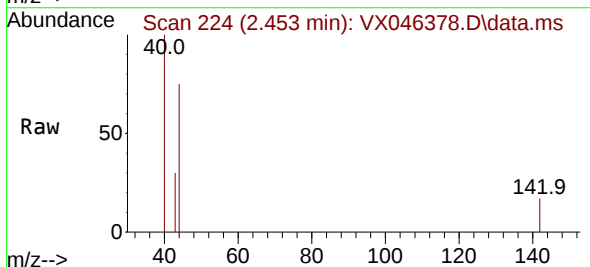
Instrument :
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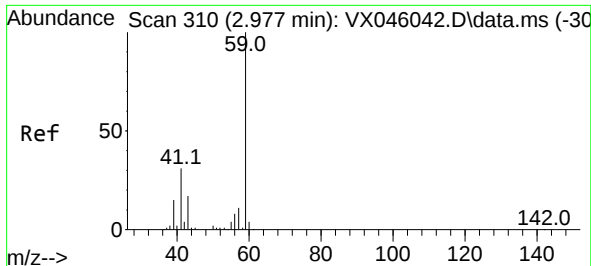
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#10
Methyl Iodide
Concen: 0.021 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 41.7 62.5#
141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 1.817 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

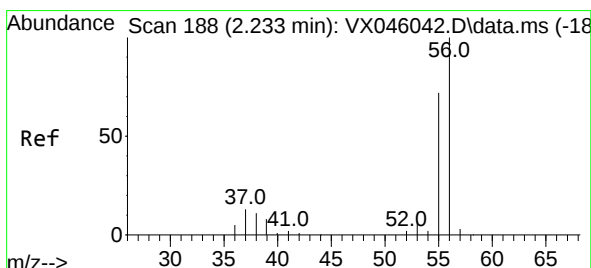
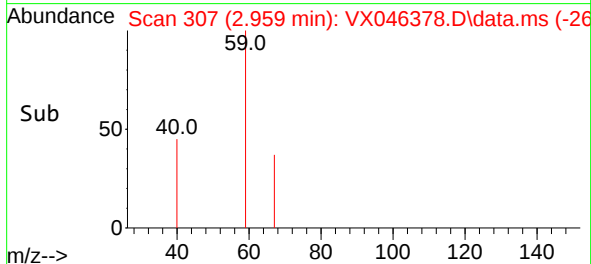
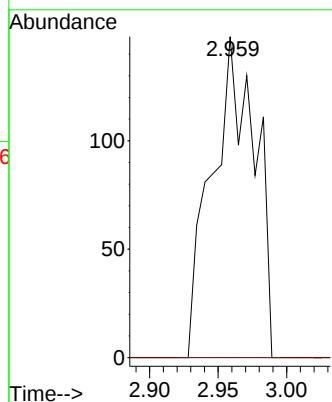
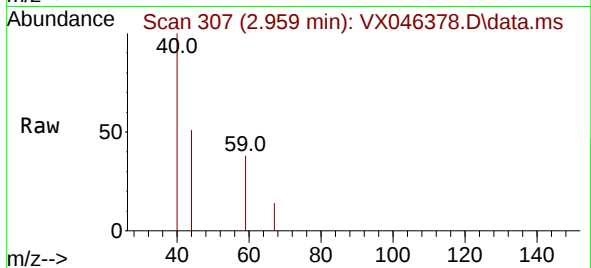
PB168159TB

Tgt Ion: 59 Resp: 324

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.271 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX046378.D

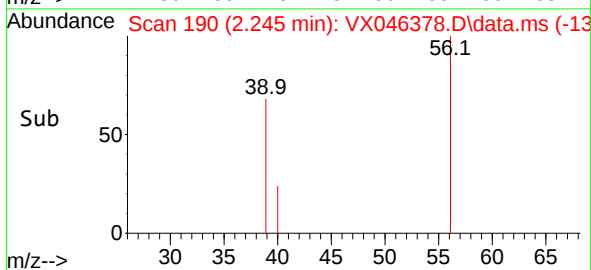
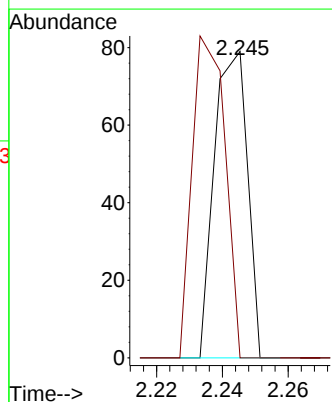
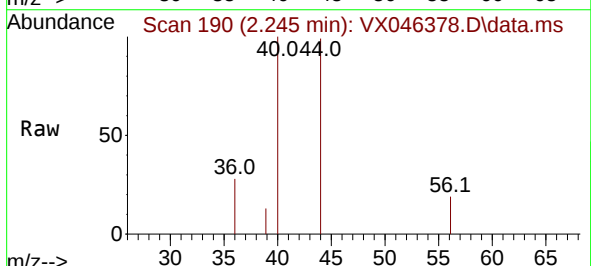
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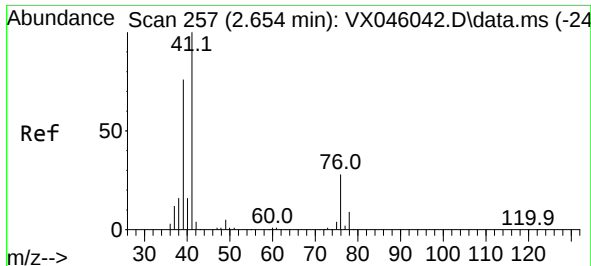
Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 103.6 56.2 84.4#

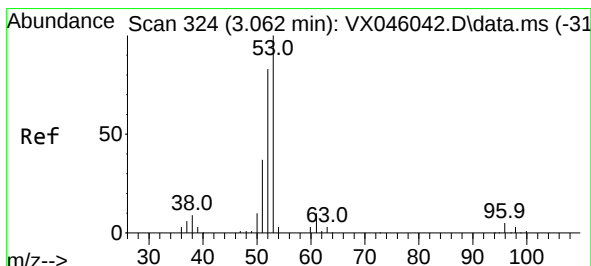
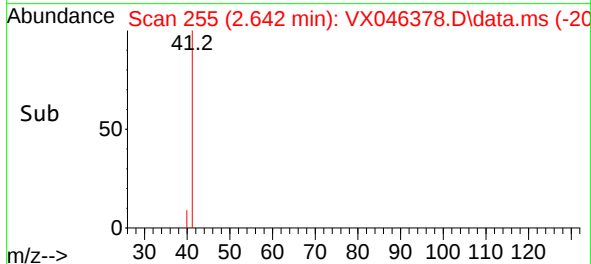
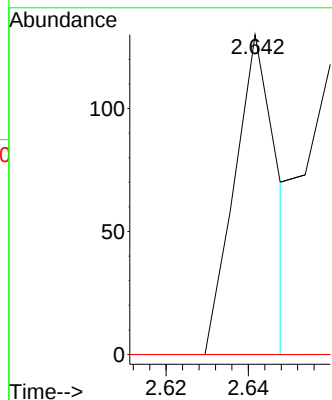
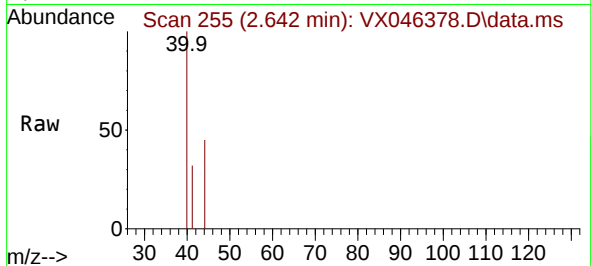




#14
 Allyl chloride
 Concen: 0.061 ug/l
 RT: 2.642 min Scan# 214
 Delta R.T. -0.012 min
 Lab File: VX046378.D
 Acq: 28 May 2025 12:19

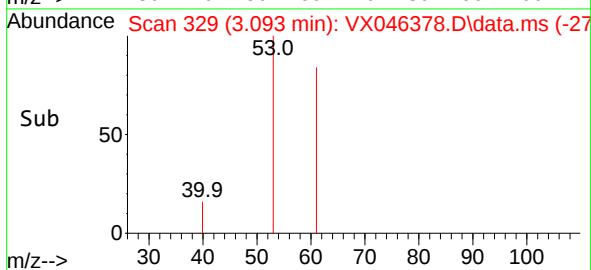
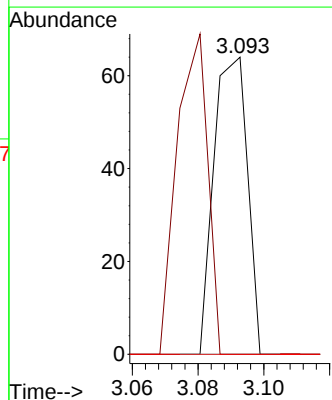
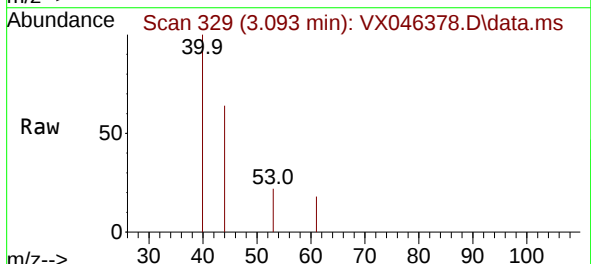
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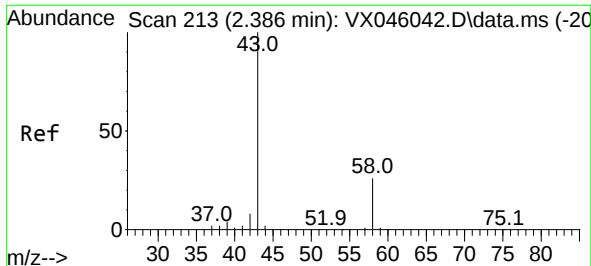
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 Ion Ratio Lower Upper
 41 100
 39 0.0 60.6 90.8#
 76 0.0 24.9 37.3#



#15
 Acrylonitrile
 Concen: 0.088 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.030 min
 Lab File: VX046378.D
 Acq: 28 May 2025 12:19

Tgt Ion: 53 Resp: 45
 Ion Ratio Lower Upper
 53 100
 52 100.0 65.3 97.9#
 51 0.0 29.8 44.8#

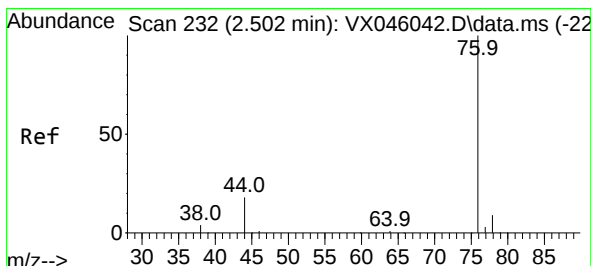
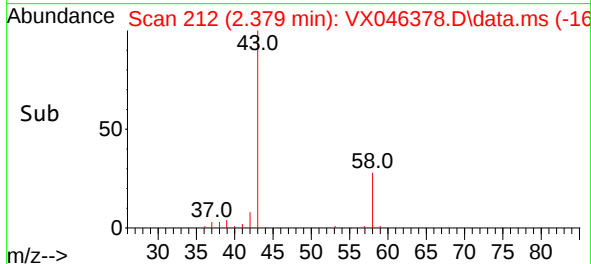
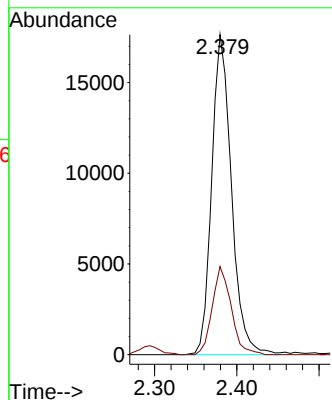
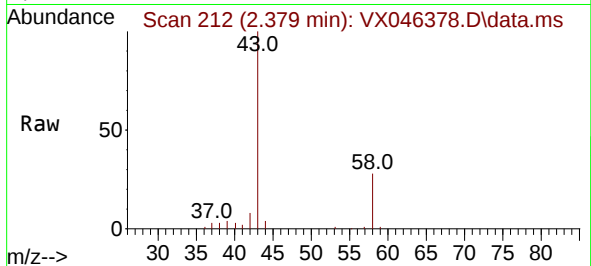




#16
Acetone
Concen: 57.783 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046378.D
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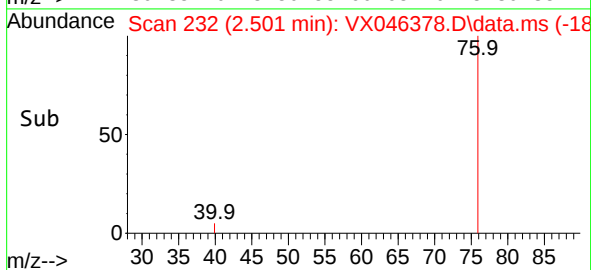
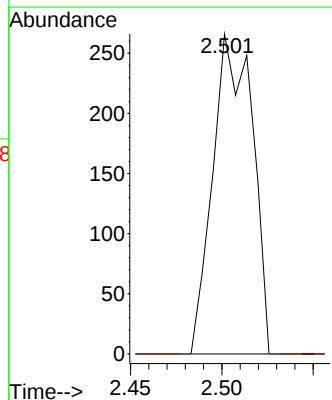
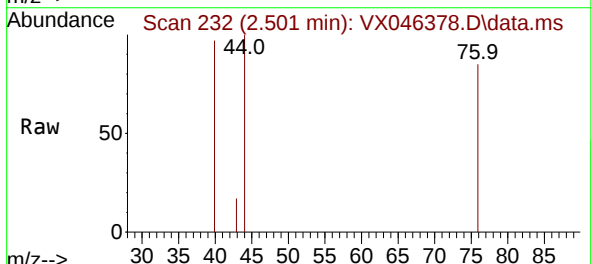
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

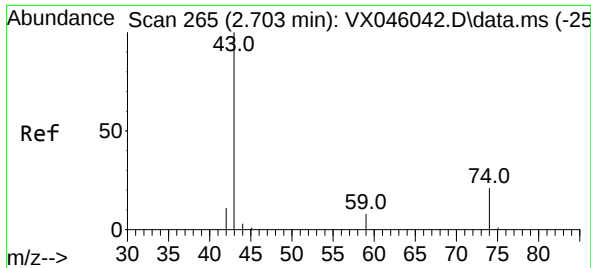
Tgt Ion: 43 Resp: 29436
Ion Ratio Lower Upper
43 100
58 27.5 21.2 31.8



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 76 Resp: 400
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

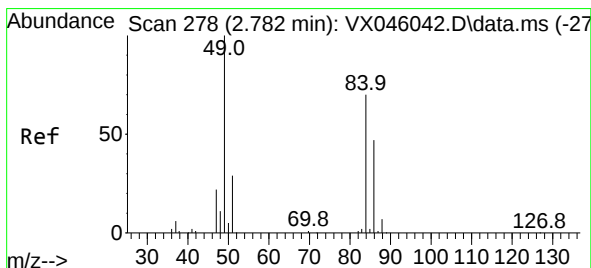
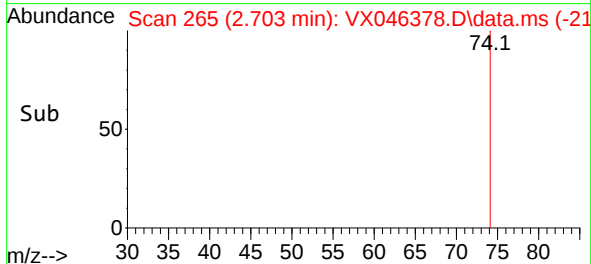
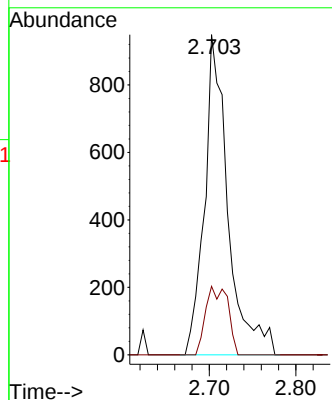
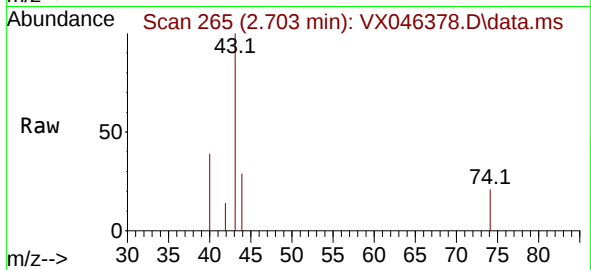




#18
Methyl Acetate
Concen: 1.511 ug/l
RT: 2.703 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

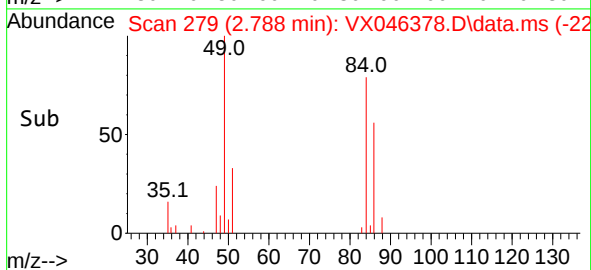
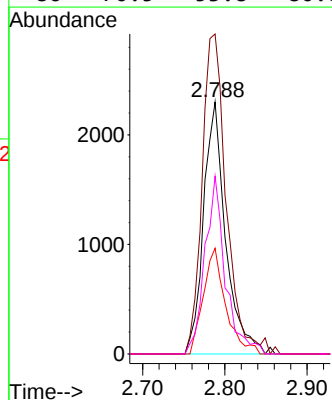
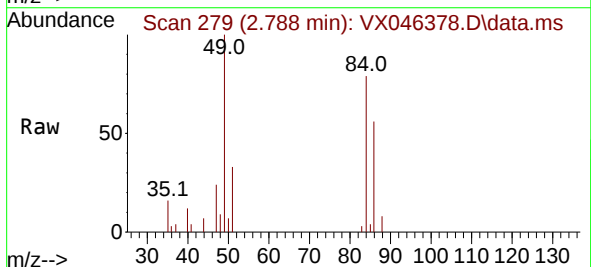
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

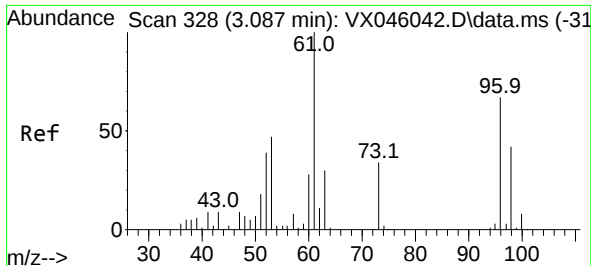
Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
74 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 4.415 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 84 Resp: 4310
Ion Ratio Lower Upper
84 100
49 127.0 113.9 170.9
51 42.0 33.5 50.3
86 70.5 53.8 80.8

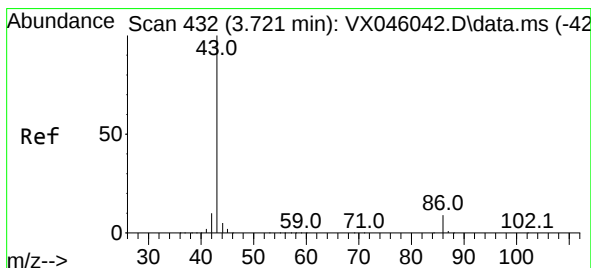
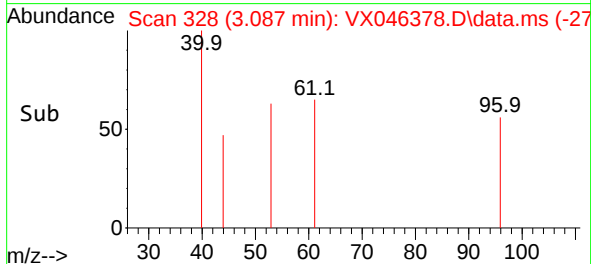
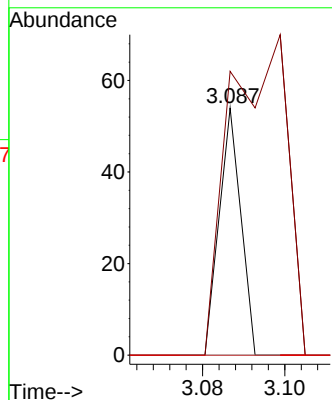
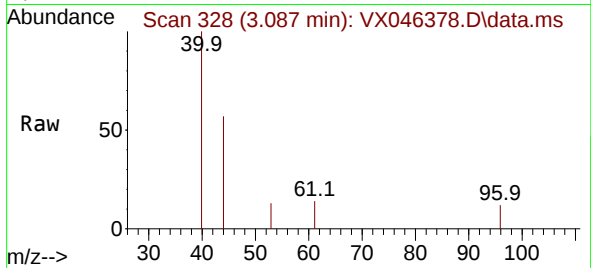




#21
trans-1,2-Dichloroethene
Concen: 0.025 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

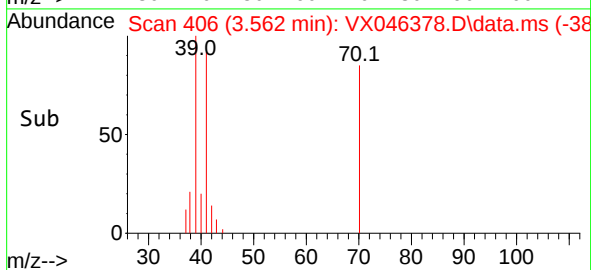
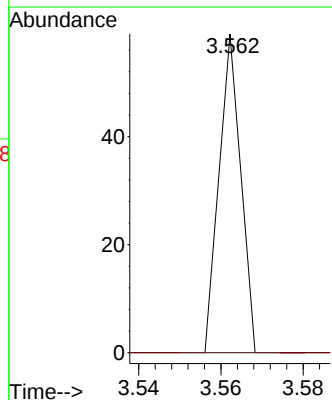
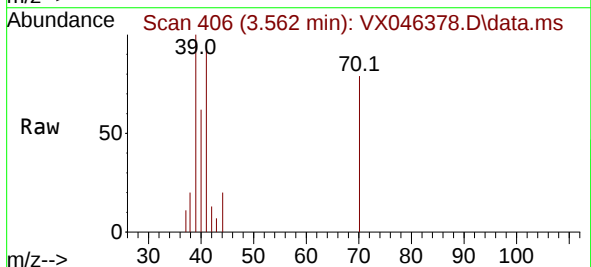
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

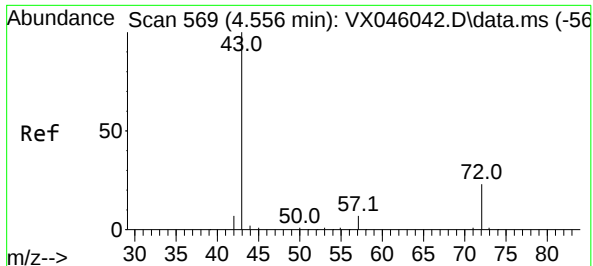
Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 114.8 119.5 179.3#
98 0.0 50.0 75.0#



#23
Vinyl Acetate
Concen: 0.008 ug/l
RT: 3.562 min Scan# 406
Delta R.T. -0.159 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#





#25

2-Butanone

Concen: 2.645 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

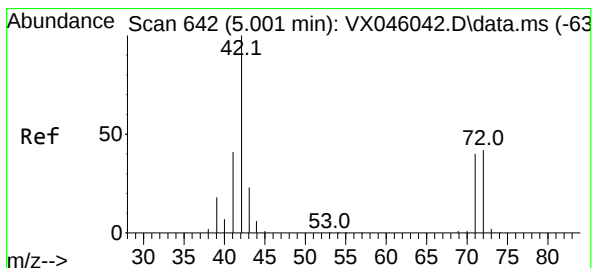
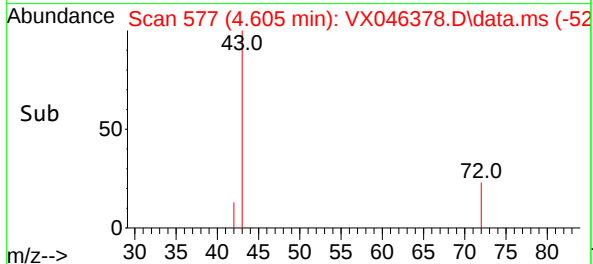
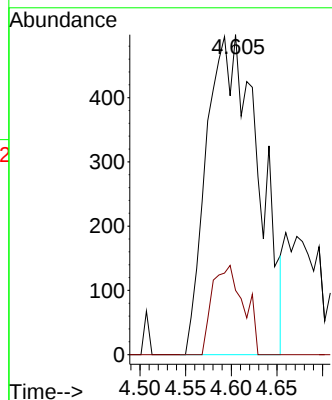
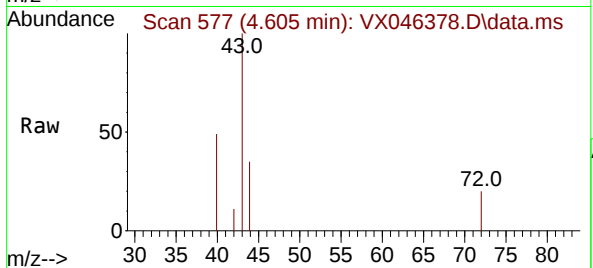
PB168159TB

Tgt Ion: 43 Resp: 1956

Ion Ratio Lower Upper

43 100

72 20.1 18.4 27.6



#29

Tetrahydrofuran

Concen: 0.209 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

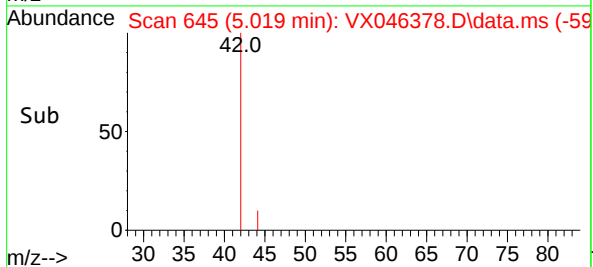
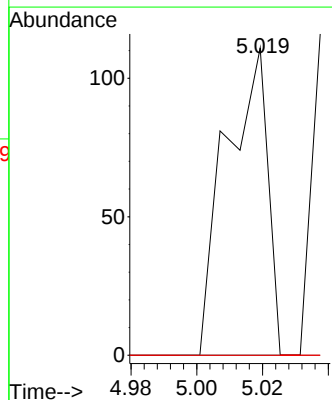
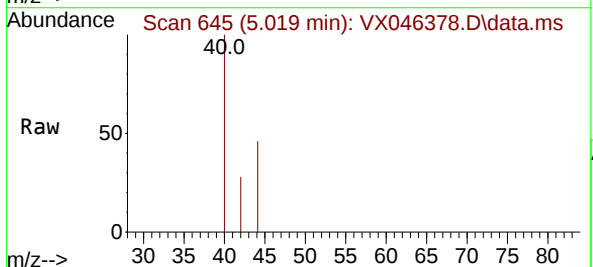
Tgt Ion: 42 Resp: 97

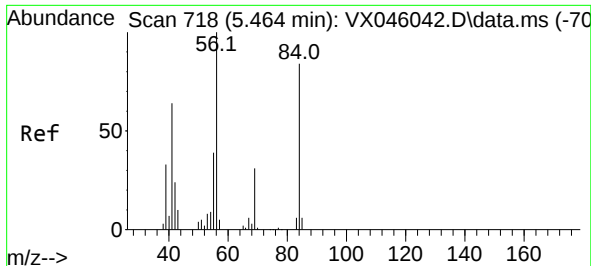
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

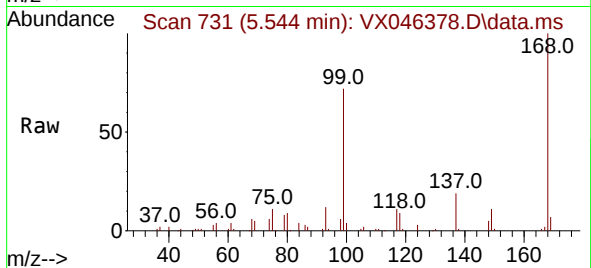
71 0.0 31.4 47.2#



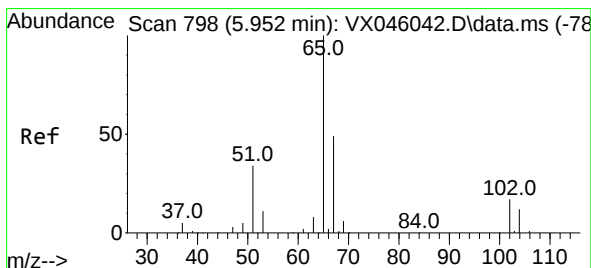
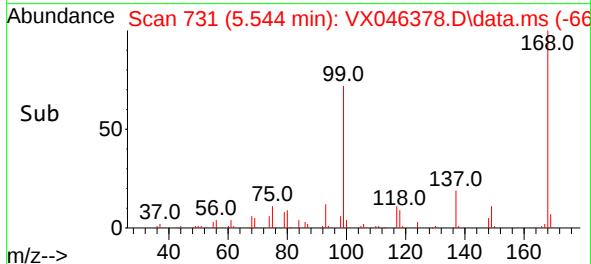
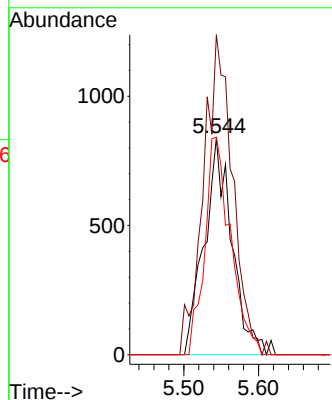


#31
Cyclohexane
Concen: 1.438 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

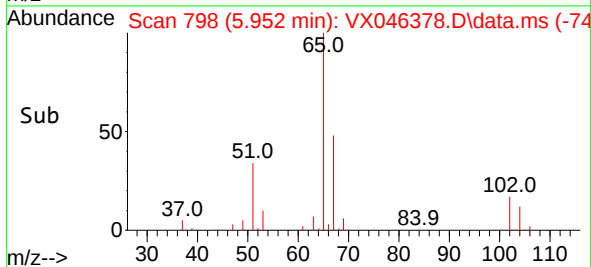
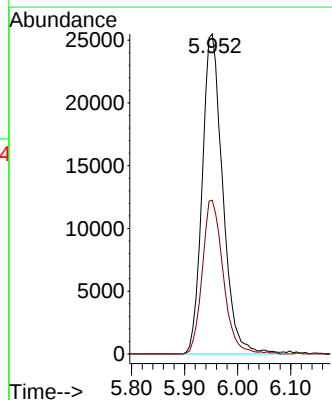
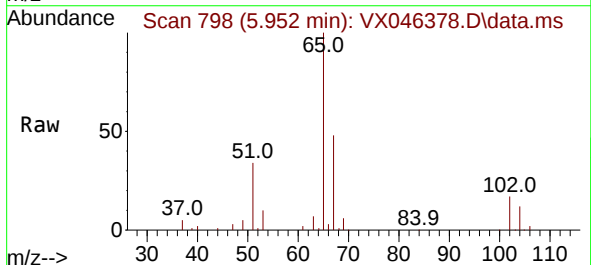


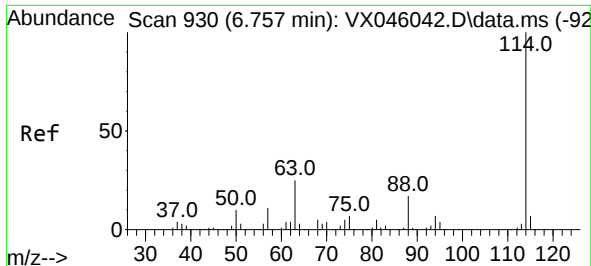
Tgt Ion: 56 Resp: 2177
Ion Ratio Lower Upper
56 100
69 147.6 24.4 36.6#
84 100.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.954 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 65 Resp: 68551
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

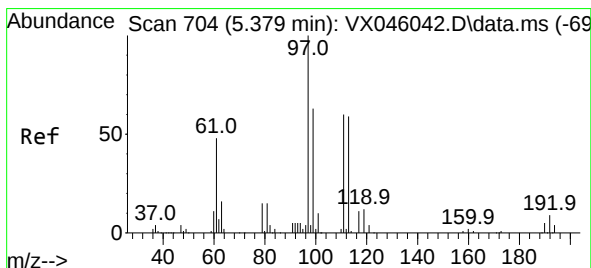
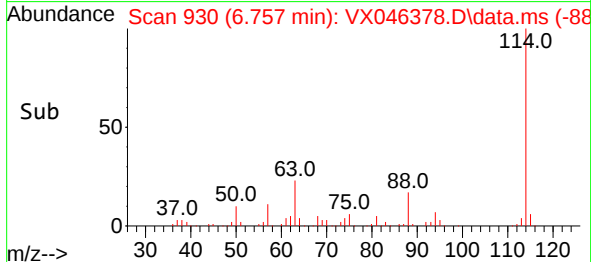
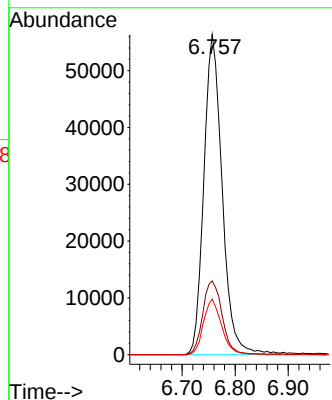
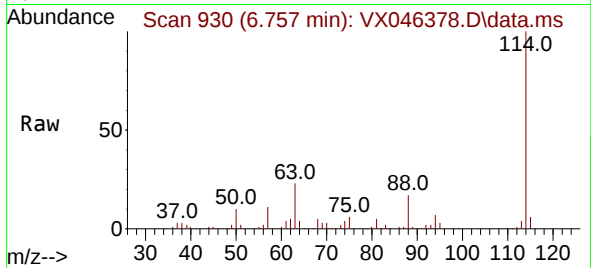




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

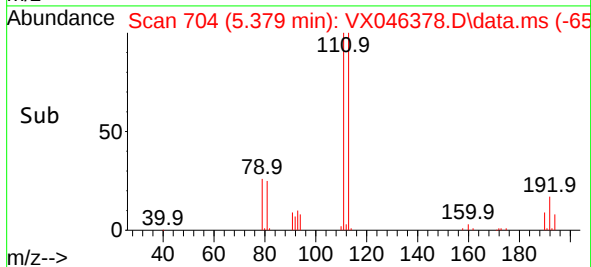
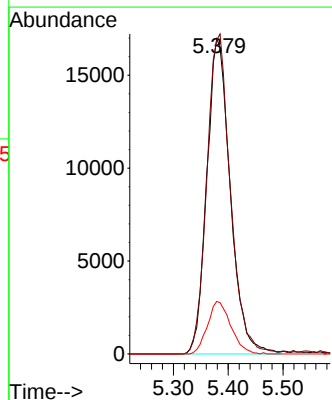
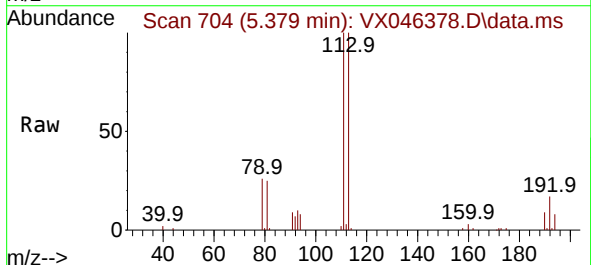
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

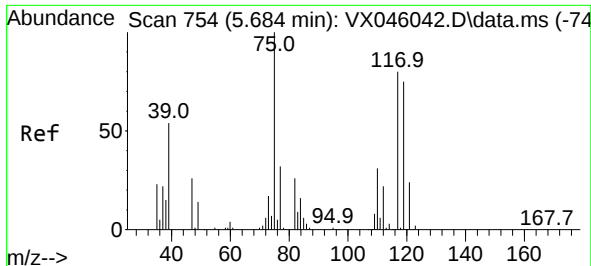
Tgt Ion:114 Resp: 135483
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.815 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

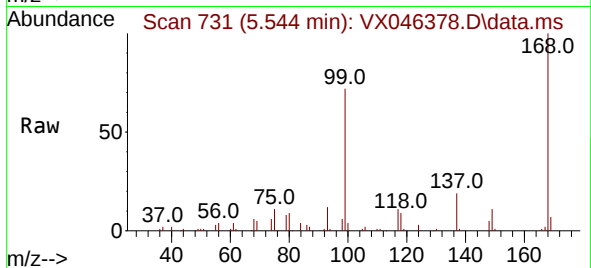
Tgt Ion:113 Resp: 50552
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.5 13.3 19.9



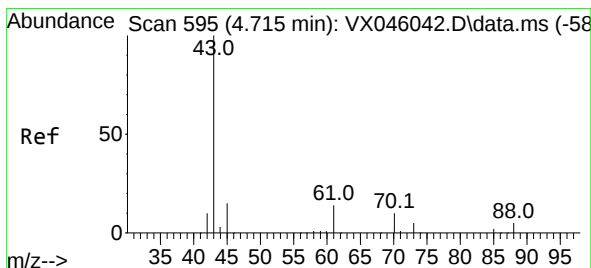
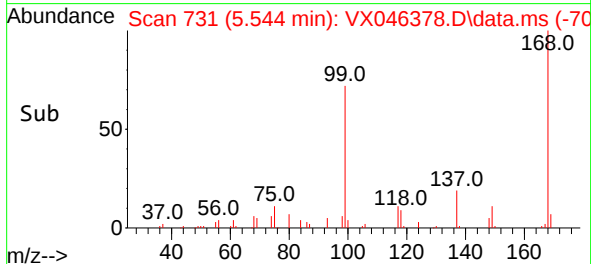
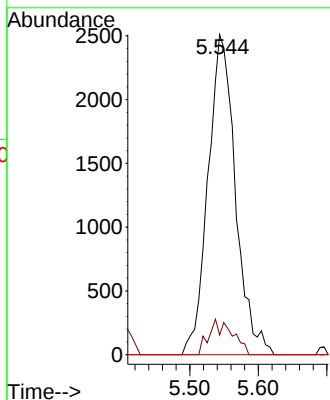


#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

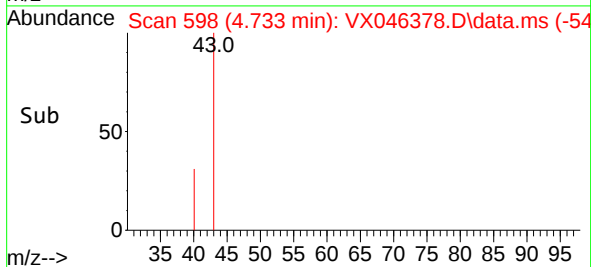
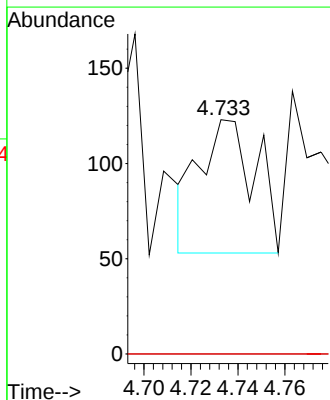
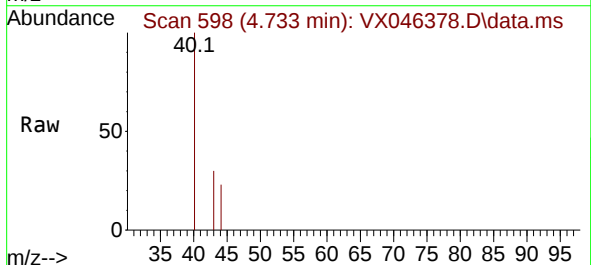


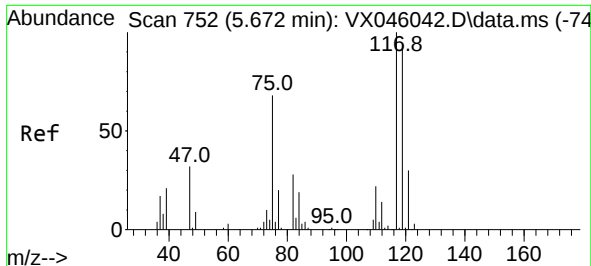
Tgt Ion: 75 Resp: 6974
Ion Ratio Lower Upper
75 100
110 9.4 16.3 48.9#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.072 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

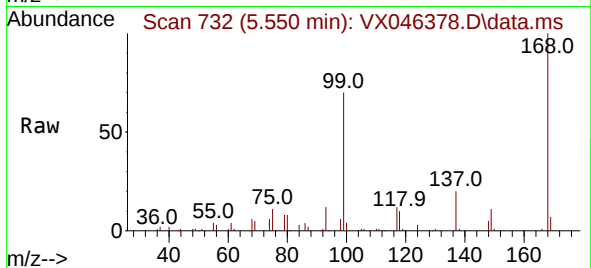
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#



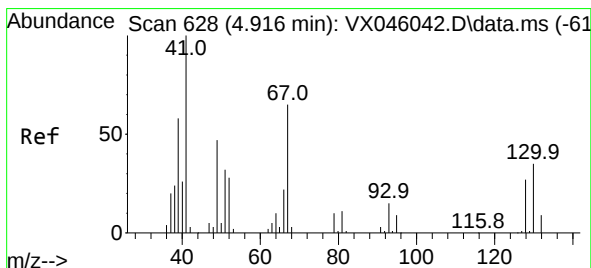
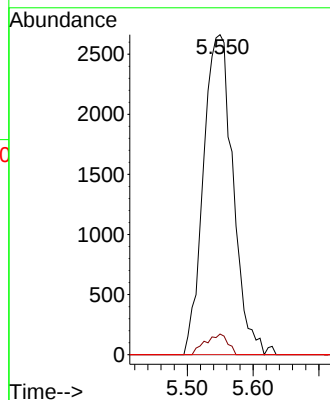
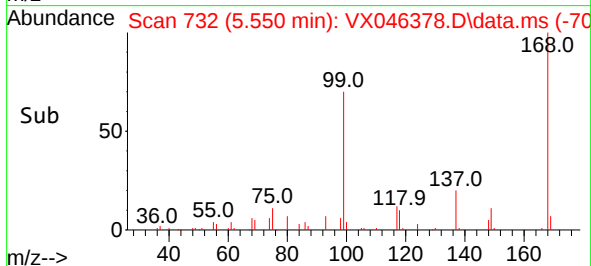


#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

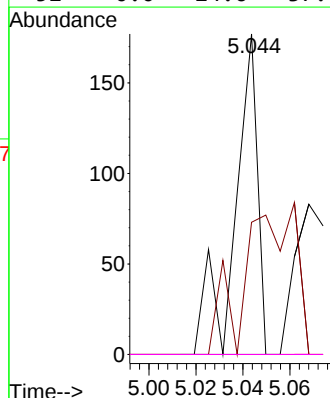
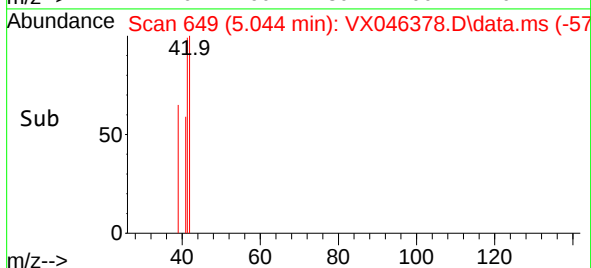
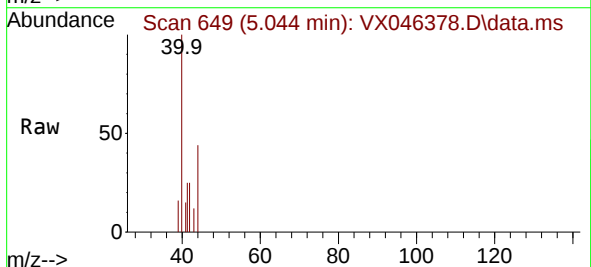


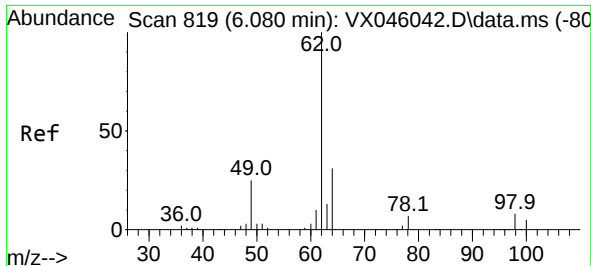
Tgt Ion:117 Resp: 8350
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#



#41
Methacrylonitrile
Concen: 0.139 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.128 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 41 Resp: 118
Ion Ratio Lower Upper
41 100
39 0.0 47.2 70.8#
67 0.0 50.7 76.1#
52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.053 ug/l

RT: 6.098 min Scan# 819

Delta R.T. 0.018 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

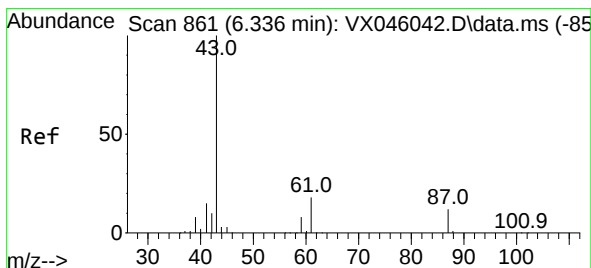
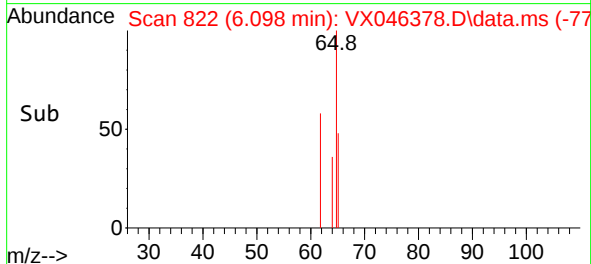
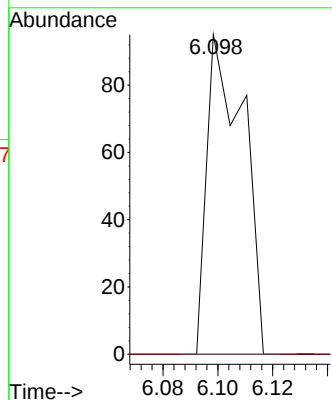
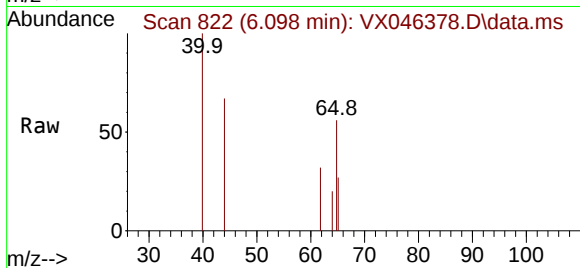
PB168159TB

Tgt Ion: 62 Resp: 88

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.2



#43

Isopropyl Acetate

Concen: 4.634 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

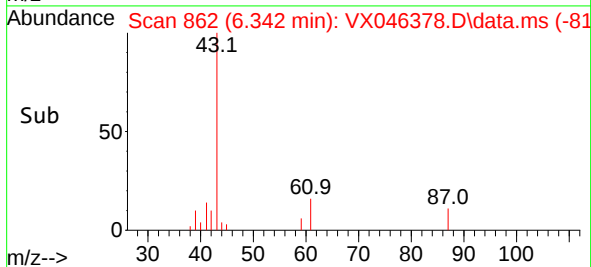
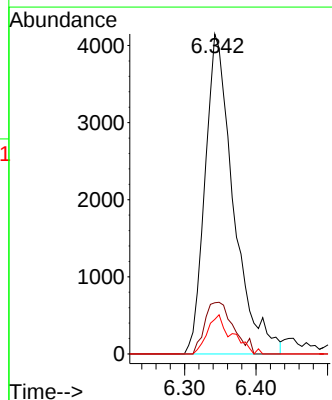
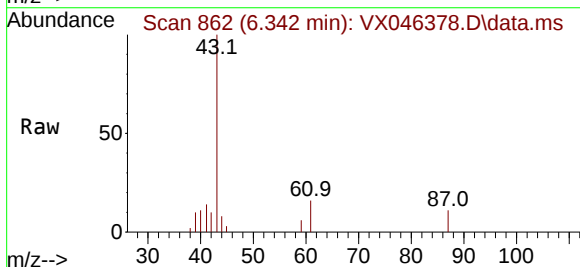
Tgt Ion: 43 Resp: 11450

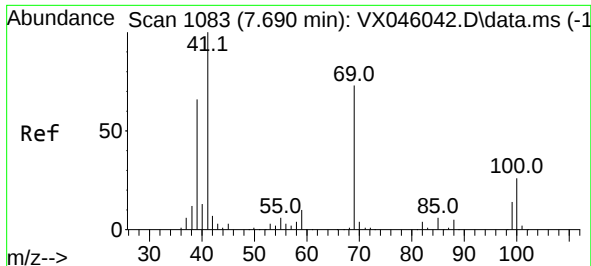
Ion Ratio Lower Upper

43 100

61 16.2 14.3 21.5

87 10.5 9.5 14.3

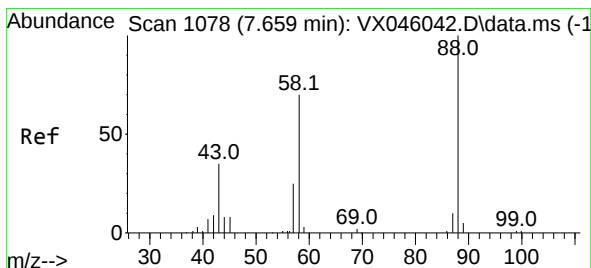
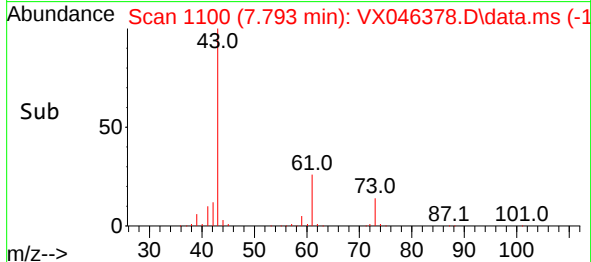
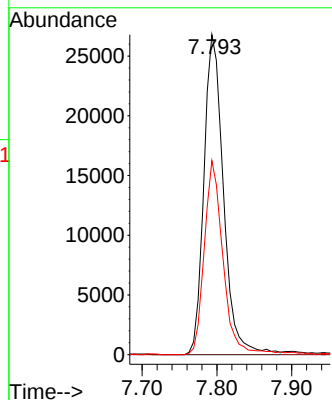
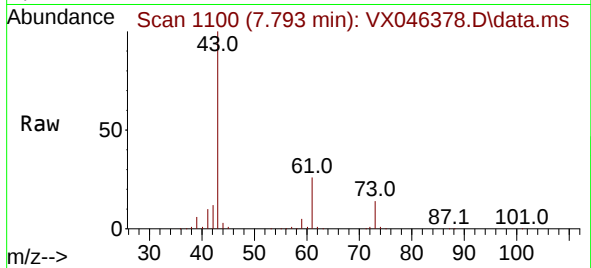




#48
Methyl methacrylate
Concen: 38.651 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

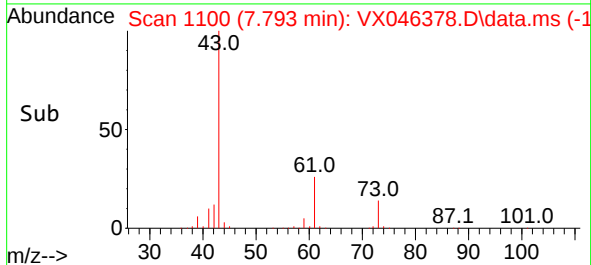
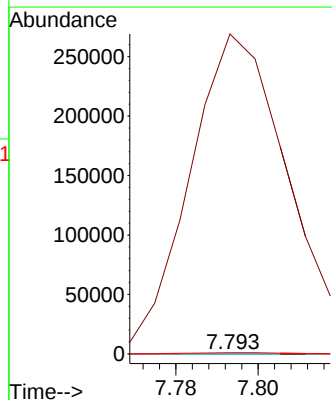
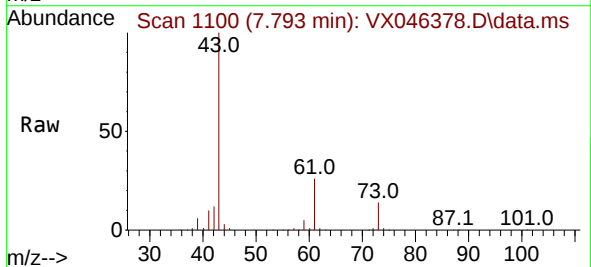
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

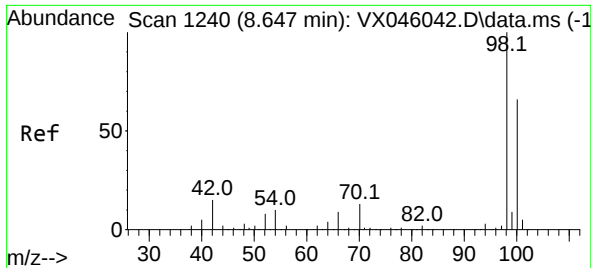
Tgt Ion: 41 Resp: 48770
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 58.7 51.7 77.5



#49
1,4-Dioxane
Concen: 0.835 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 2368115.0 33.4 50.2#
58 10420.0 58.6 88.0#

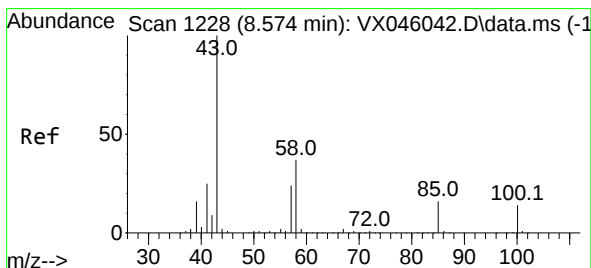
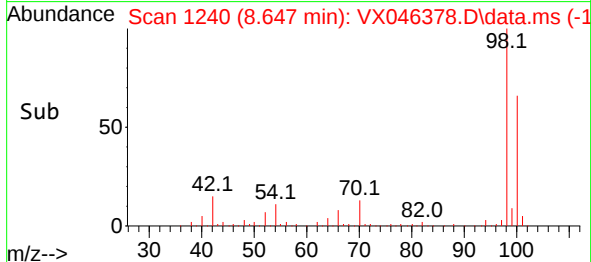
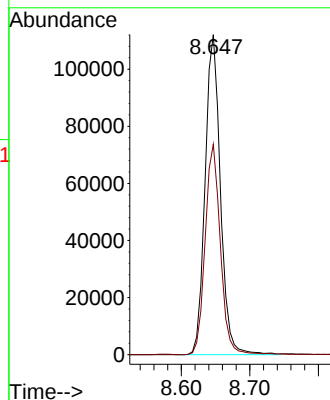
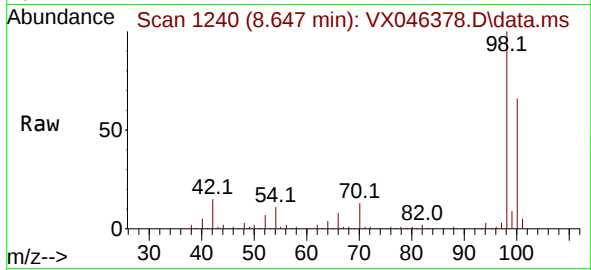




#50
Toluene-d8
Concen: 51.700 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

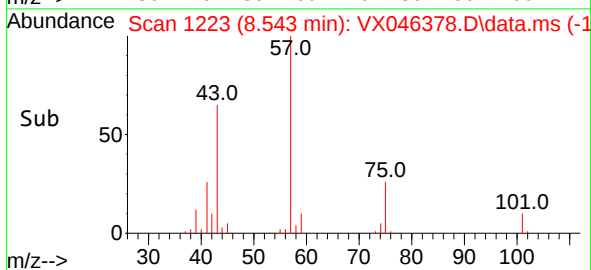
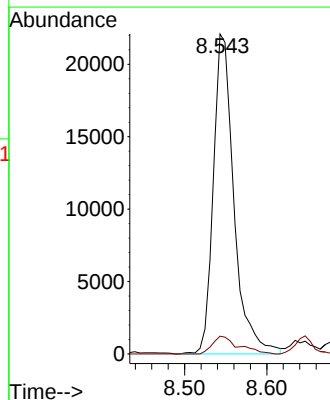
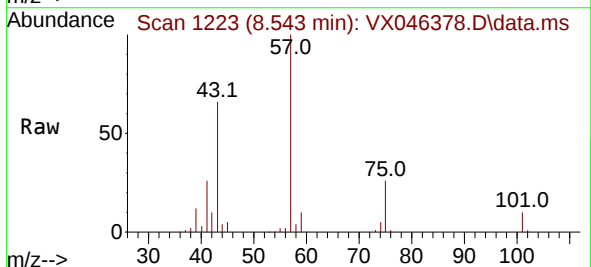
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

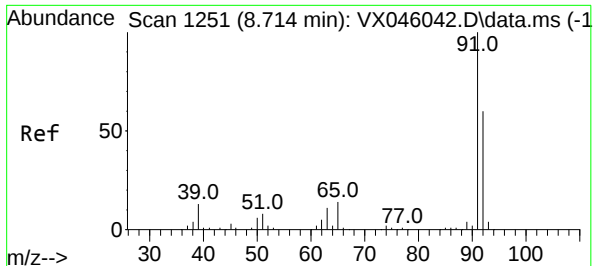
Tgt Ion: 98 Resp: 174578
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 23.440 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.031 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 43 Resp: 38443
Ion Ratio Lower Upper
43 100
58 7.0 28.9 43.3#

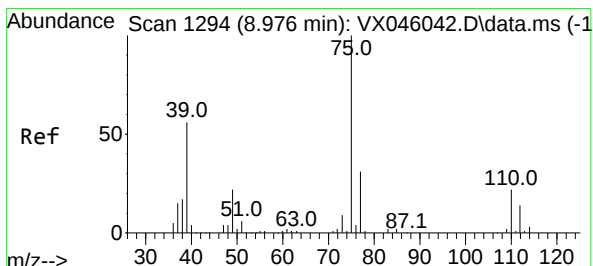
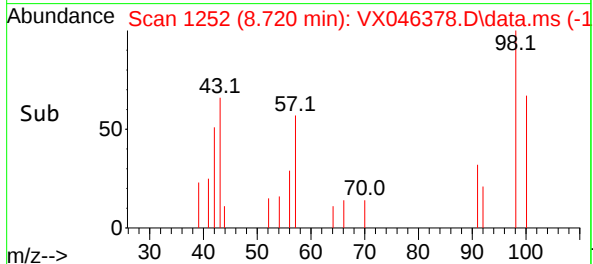
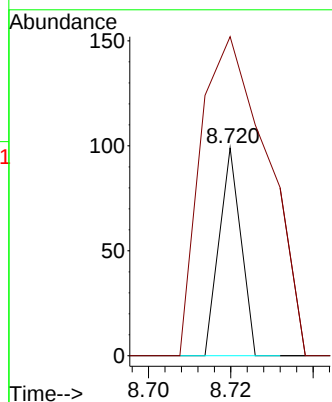
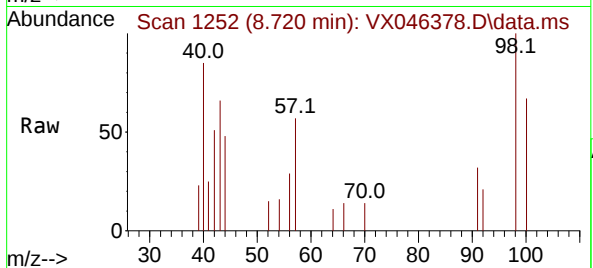




#52
Toluene
Concen: 0.015 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

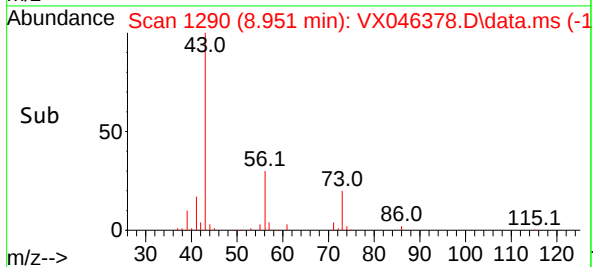
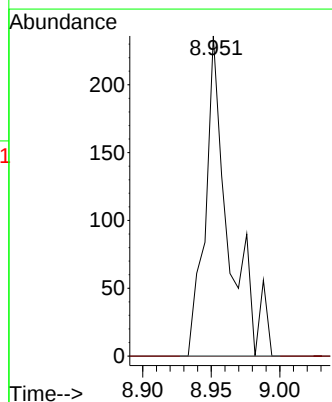
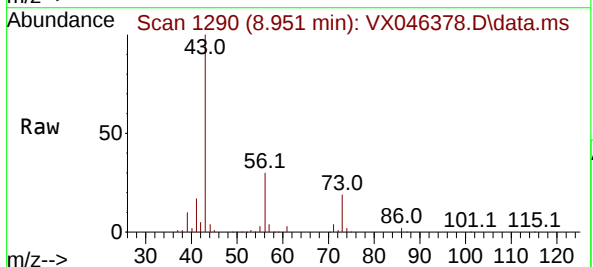
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

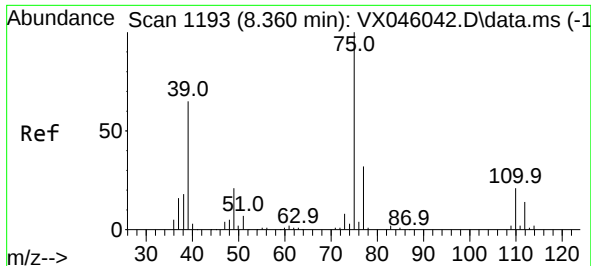
Tgt Ion: 92 Resp: 36
Ion Ratio Lower Upper
92 100
91 472.2 136.6 205.0#



#53
t-1,3-Dichloropropene
Concen: 0.214 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#

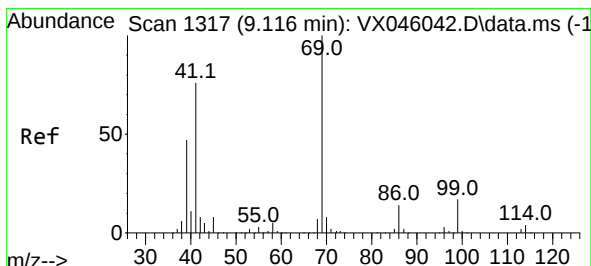
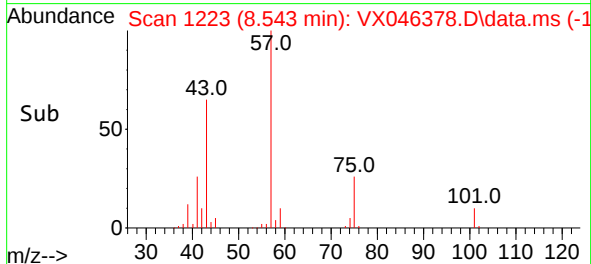
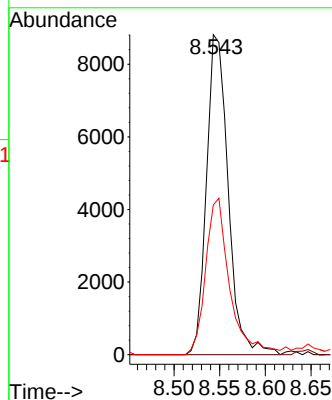
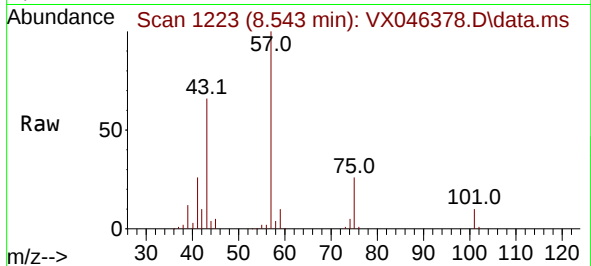




#54
 cis-1,3-Dichloropropene
 Concen: 9.998 ug/l
 RT: 8.543 min Scan# 1193
 Delta R.T. 0.183 min
 Lab File: VX046378.D
 Acq: 28 May 2025 12:19

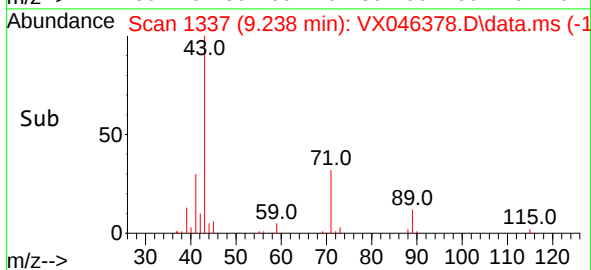
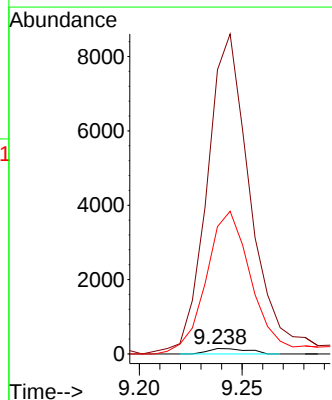
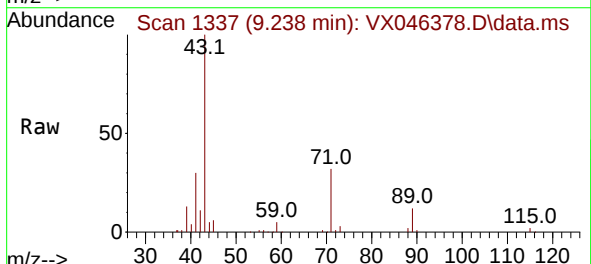
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168159TB

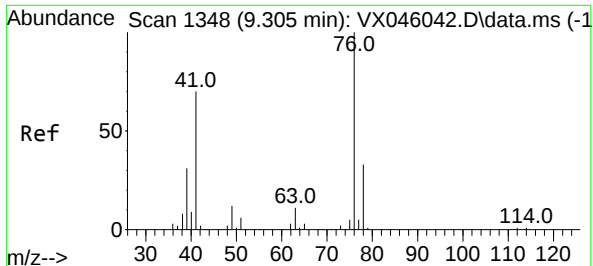
Tgt Ion: 75 Resp: 14567
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 46.8 52.2 78.4#



#56
 Ethyl methacrylate
 Concen: 0.133 ug/l
 RT: 9.238 min Scan# 1337
 Delta R.T. 0.122 min
 Lab File: VX046378.D
 Acq: 28 May 2025 12:19

Tgt Ion: 69 Resp: 197
 Ion Ratio Lower Upper
 69 100
 41 6442.1 60.8 91.2#
 39 3040.6 39.0 58.6#

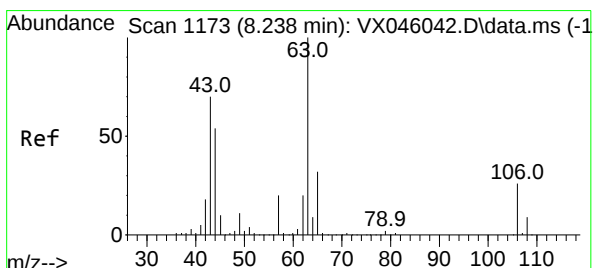
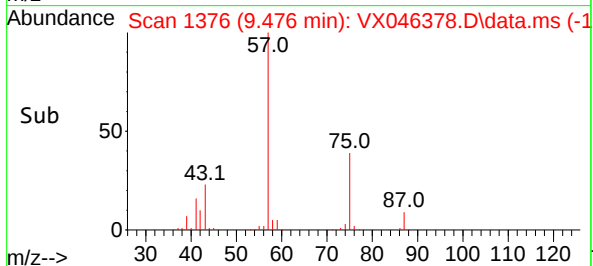
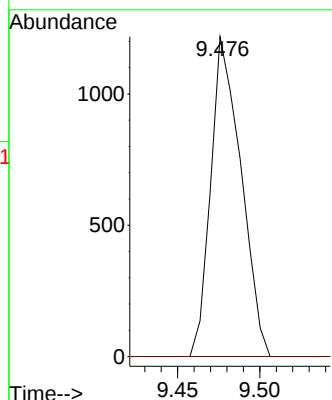
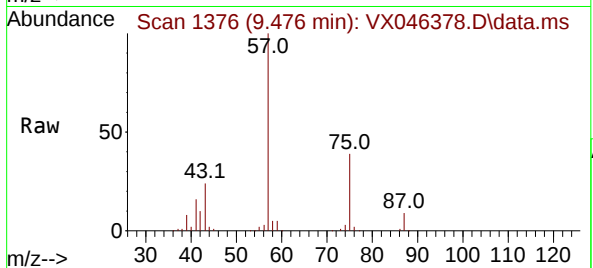




#57
1,3-Dichloropropane
Concen: 0.933 ug/l
RT: 9.476 min Scan# 1180
Delta R.T. 0.171 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

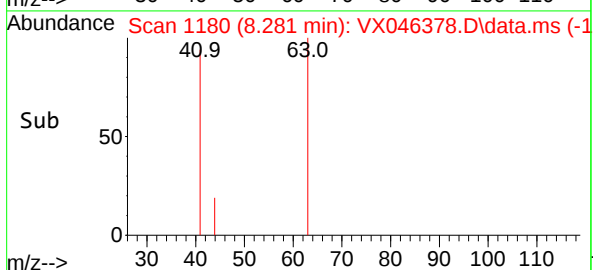
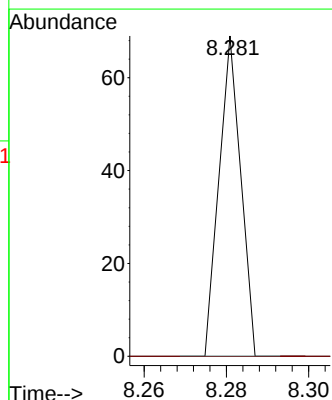
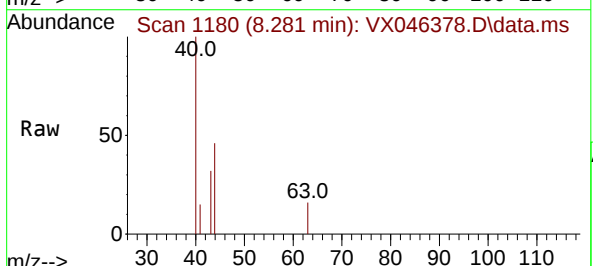
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

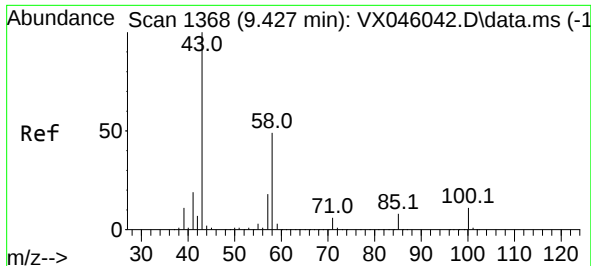
Tgt Ion: 76 Resp: 1556
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.033 ug/l
RT: 8.281 min Scan# 1180
Delta R.T. 0.043 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

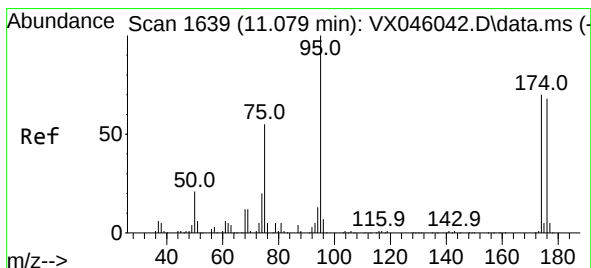
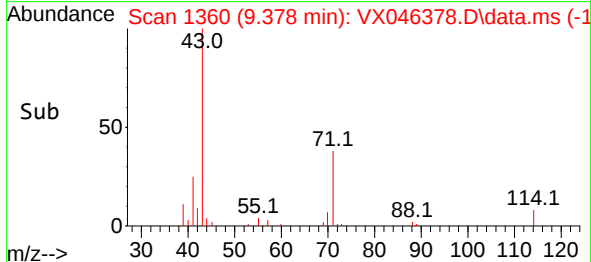
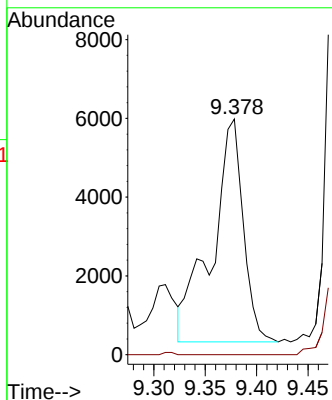
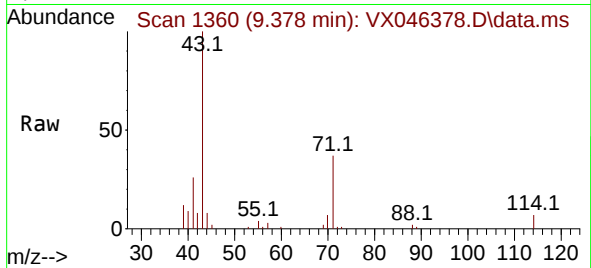




#59
2-Hexanone
Concen: 9.880 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

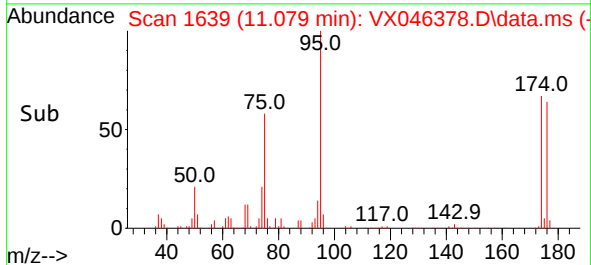
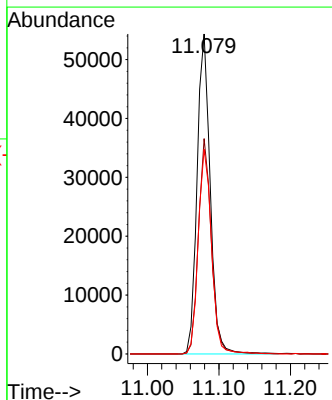
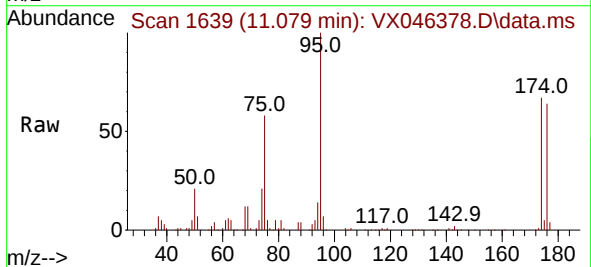
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

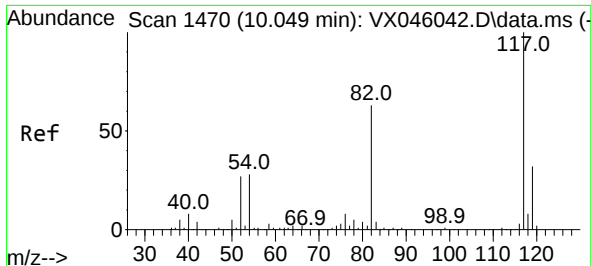
Tgt Ion: 43 Resp: 11988
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 95 Resp: 69234
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.9 0.0 131.4

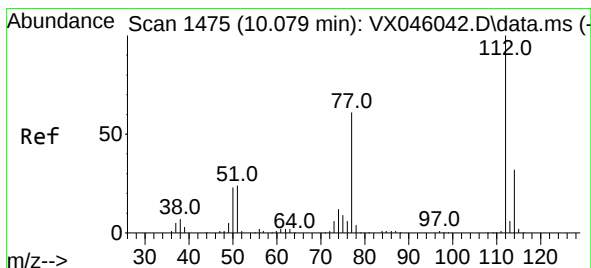
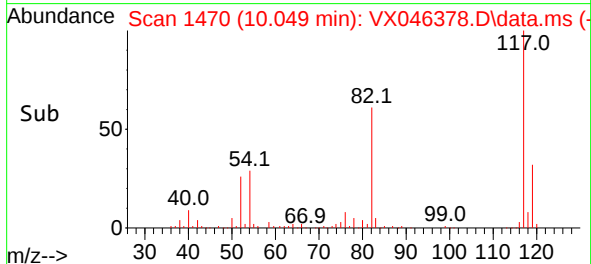
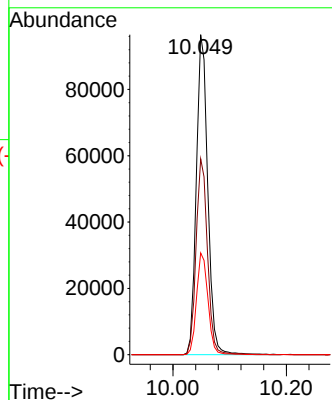
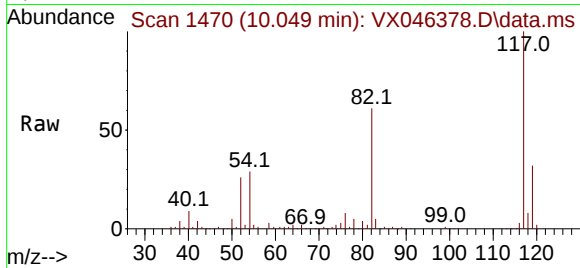




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

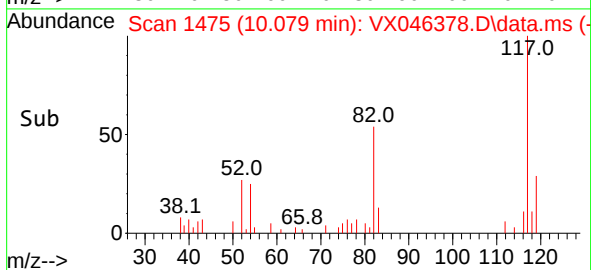
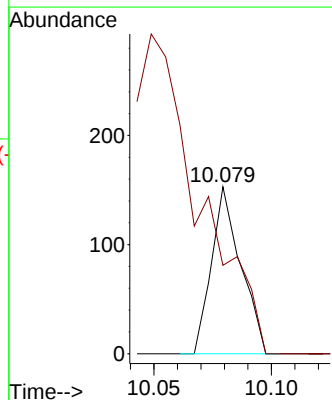
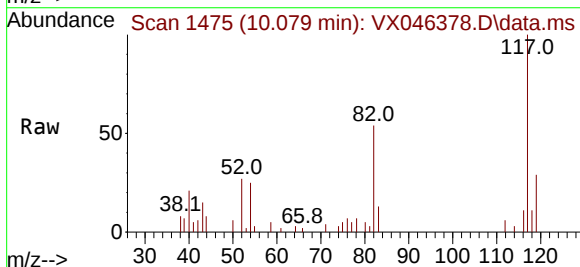
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

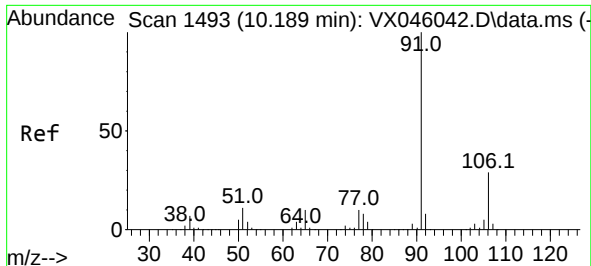
Tgt Ion:117 Resp: 135225
Ion Ratio Lower Upper
117 100
82 61.2 50.6 76.0
119 31.8 25.8 38.6



#65
Chlorobenzene
Concen: 0.045 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:112 Resp: 132
Ion Ratio Lower Upper
112 100
114 52.9 25.4 38.2#





#67

Ethyl Benzene

Concen: 0.055 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

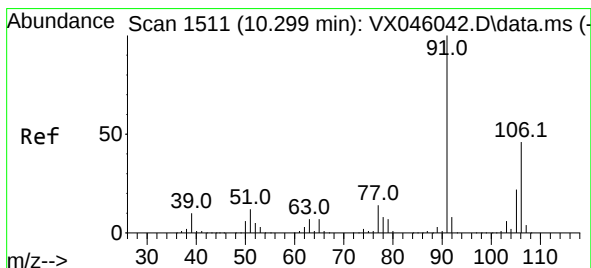
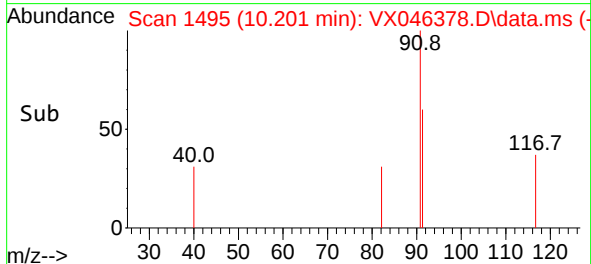
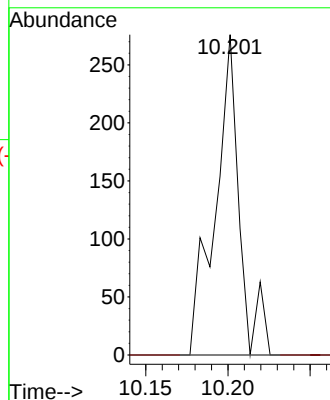
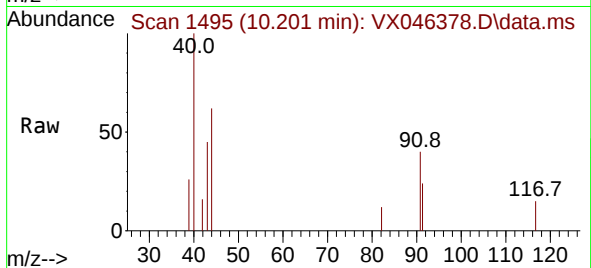
PB168159TB

Tgt Ion: 91 Resp: 285

Ion Ratio Lower Upper

91 100

106 0.0 23.4 35.2#



#68

m/p-Xylenes

Concen: 0.092 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046378.D

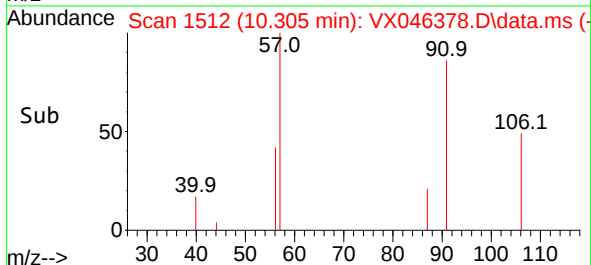
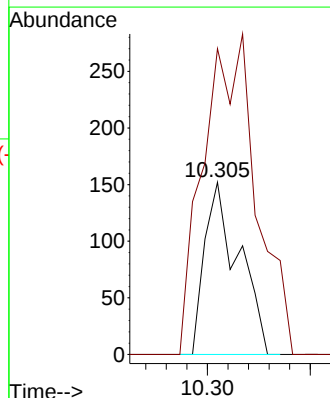
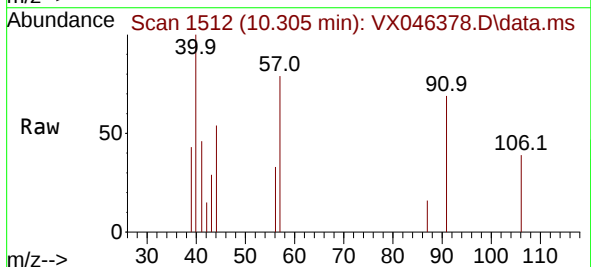
Acq: 28 May 2025 12:19

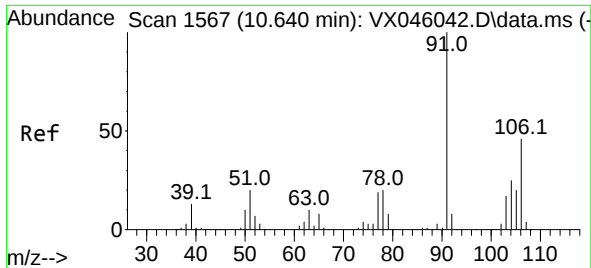
Tgt Ion: 106 Resp: 175

Ion Ratio Lower Upper

106 100

91 287.4 171.2 256.8#

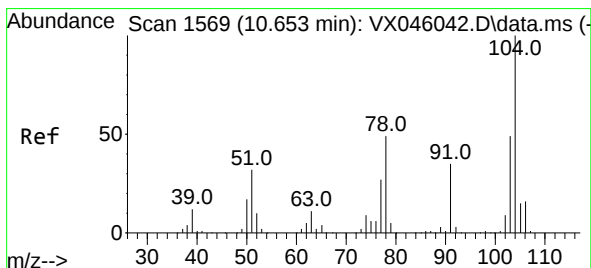
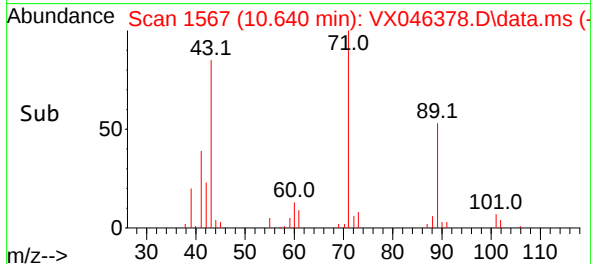
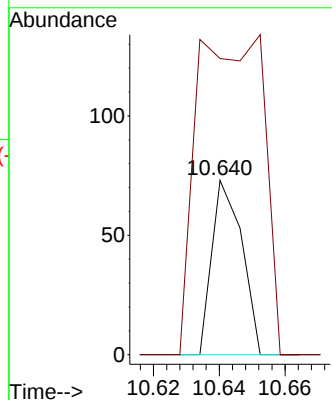
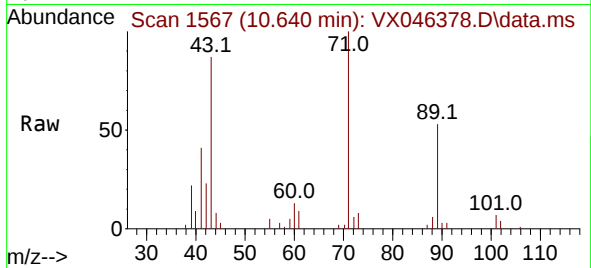




#69
o-Xylene
Concen: 0.025 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

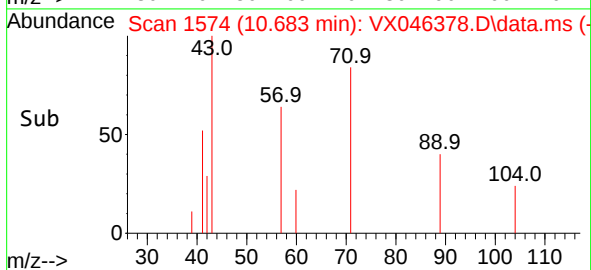
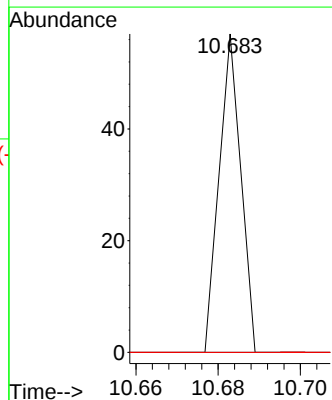
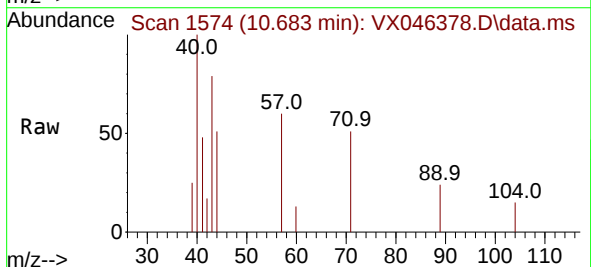
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

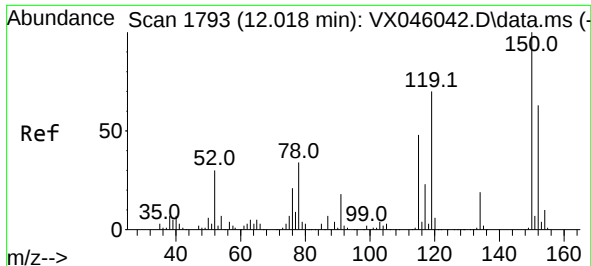
Tgt Ion:106 Resp: 46
Ion Ratio Lower Upper
106 100
91 408.7 112.7 338.1#



#70
Styrene
Concen: 0.007 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.030 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:104 Resp: 21
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 43.7 65.5#

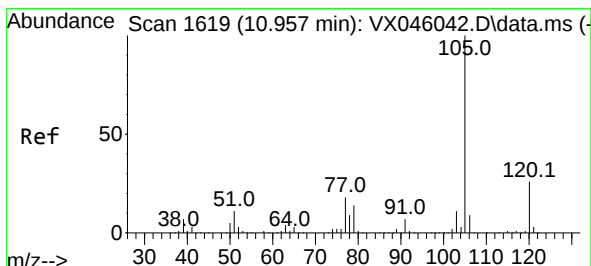
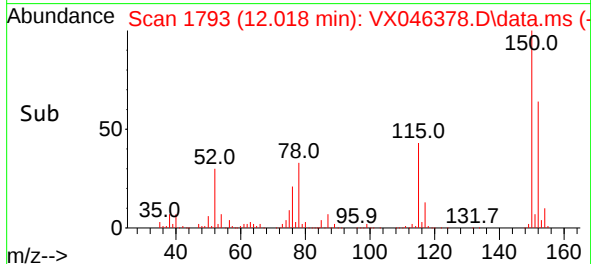
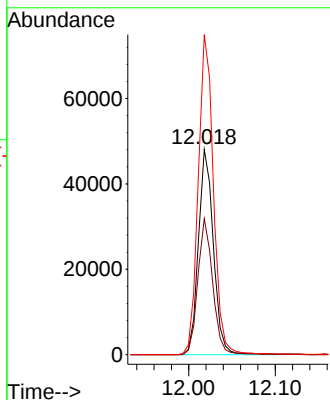
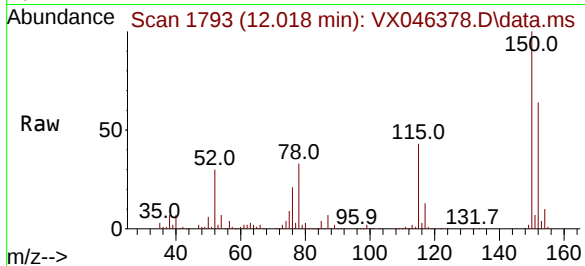




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

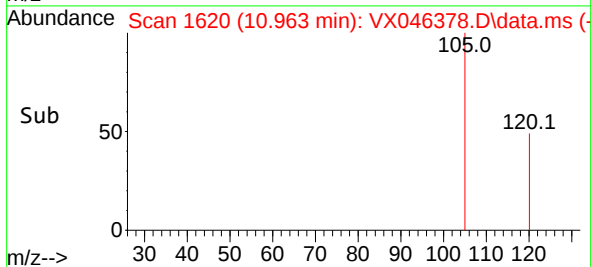
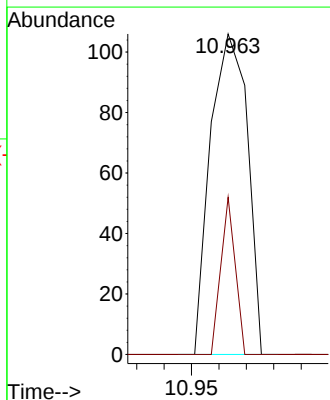
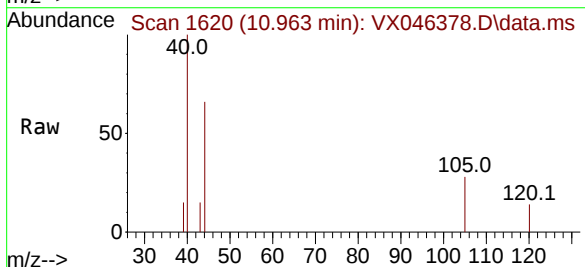
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

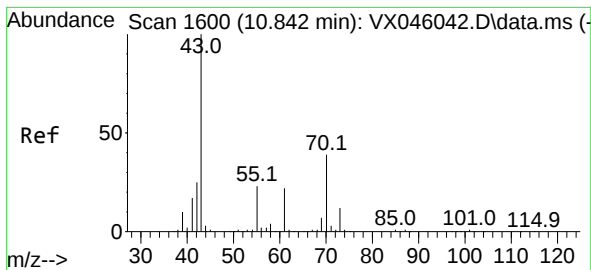
Tgt Ion:152 Resp: 57848
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 158.8 0.0 351.0



#73
Isopropylbenzene
Concen: 0.022 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:105 Resp: 99
Ion Ratio Lower Upper
105 100
120 19.2 12.8 38.4





#74

N-amy1 acetate

Concen: 0.661 ug/l

RT: 10.780 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

PB168159TB

Tgt Ion: 43 Resp: 1471

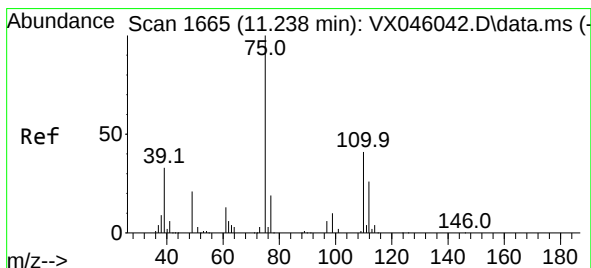
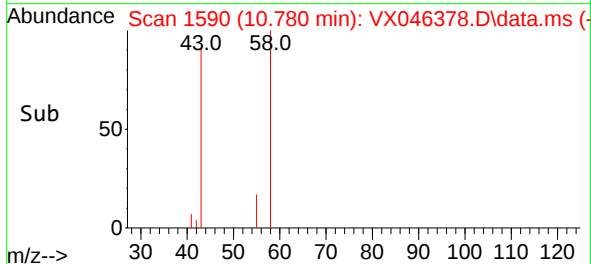
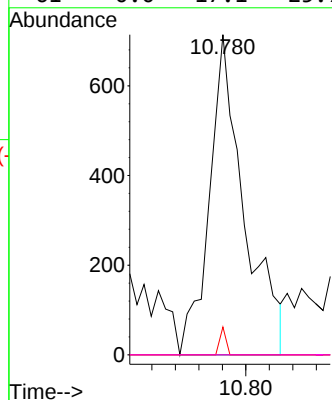
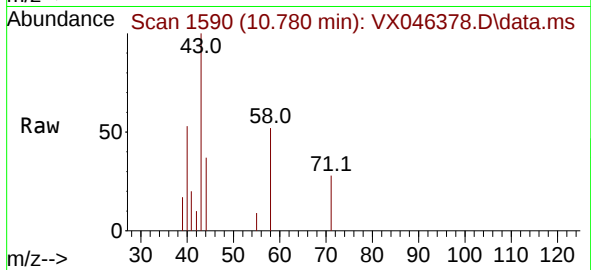
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 1.6 18.7 28.1#

61 0.0 17.1 25.7#



#76

1,2,3-Trichloropropane

Concen: 28.139 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046378.D

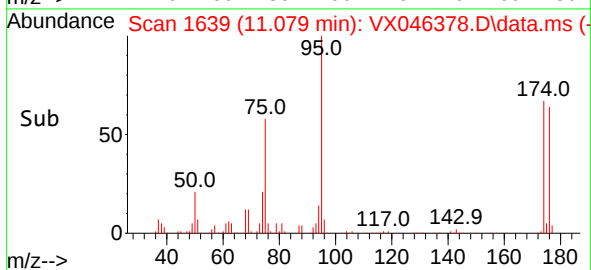
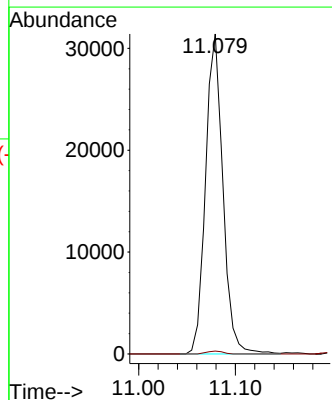
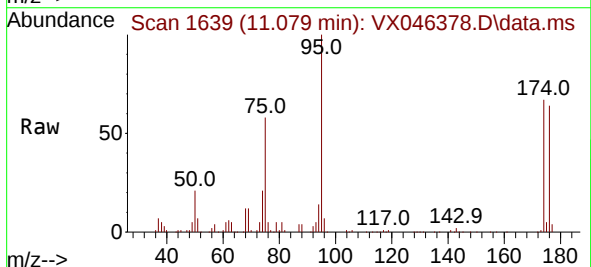
Acq: 28 May 2025 12:19

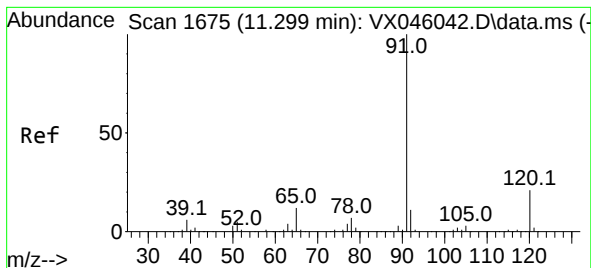
Tgt Ion: 75 Resp: 39181

Ion Ratio Lower Upper

75 100

77 0.8 20.5 61.5#





#78

n-propylbenzene

Concen: 0.062 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

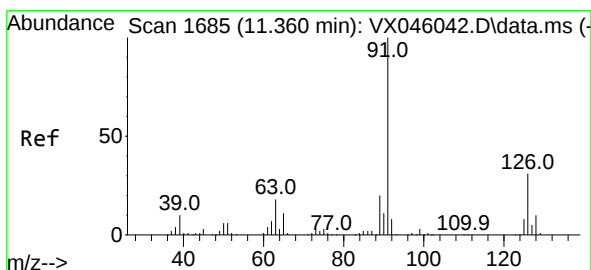
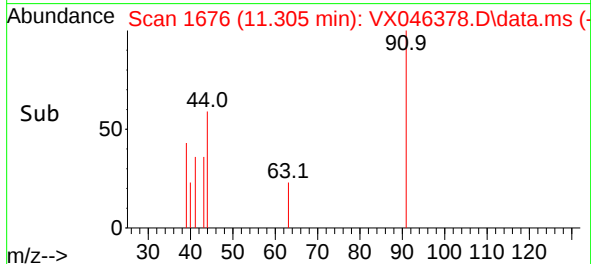
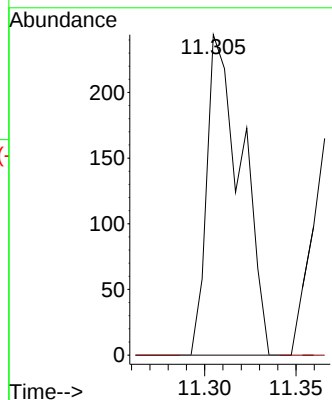
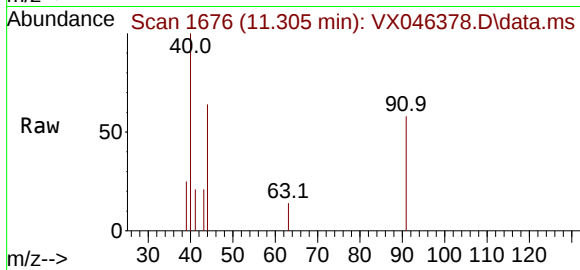
PB168159TB

Tgt Ion: 91 Resp: 323

Ion Ratio Lower Upper

91 100

120 0.0 10.8 32.4#



#79

2-Chlorotoluene

Concen: 0.075 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.018 min

Lab File: VX046378.D

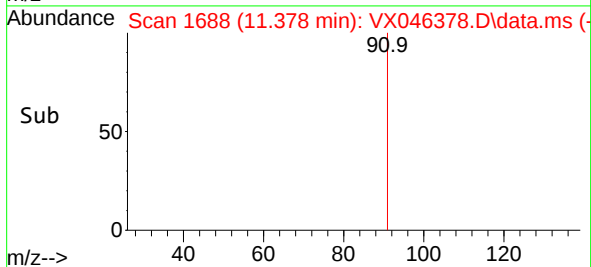
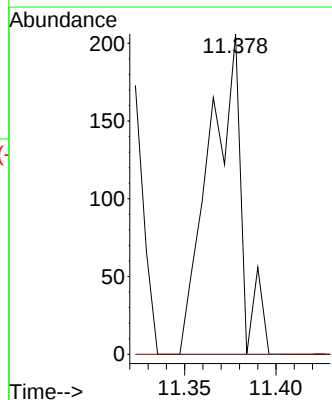
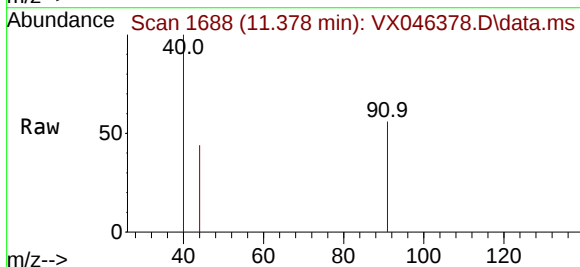
Acq: 28 May 2025 12:19

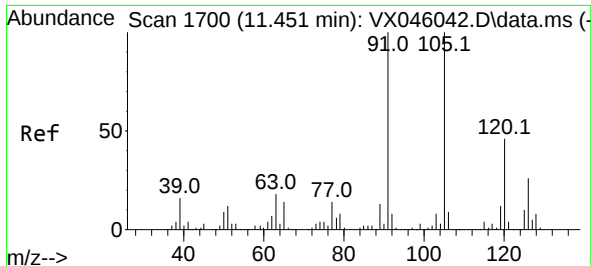
Tgt Ion: 91 Resp: 255

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#

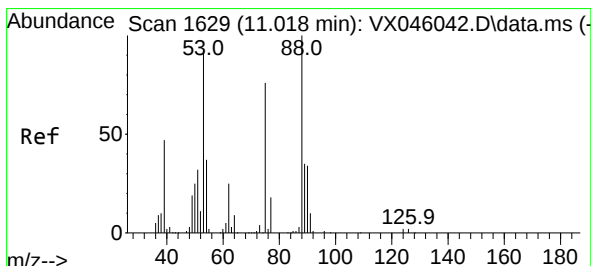
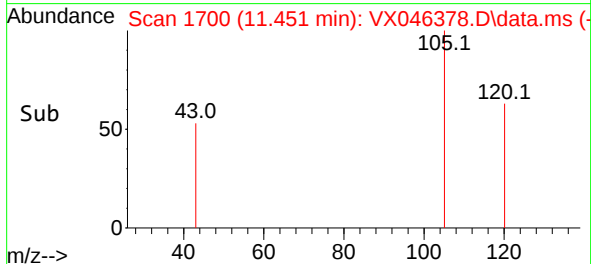
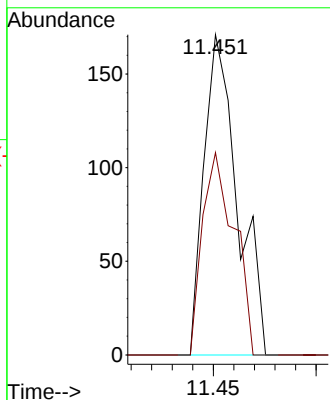
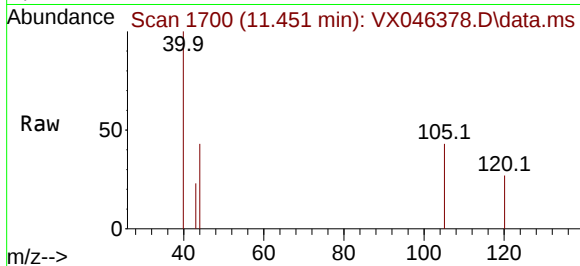




#80
1,3,5-Trimethylbenzene
Concen: 0.052 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

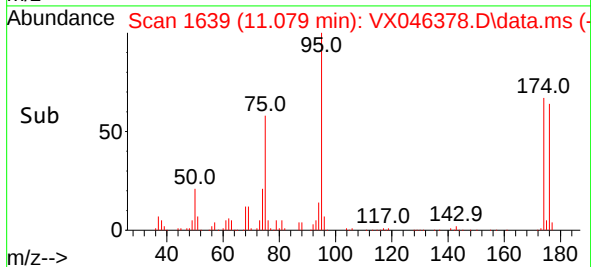
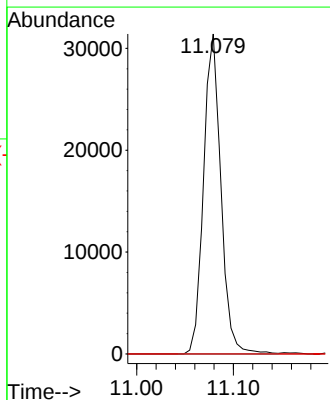
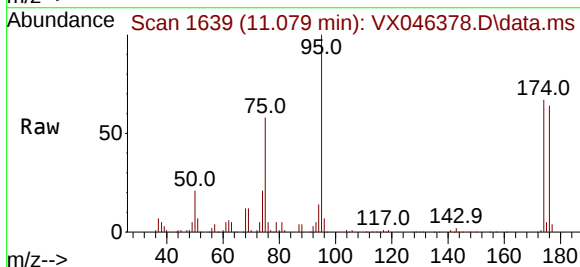
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

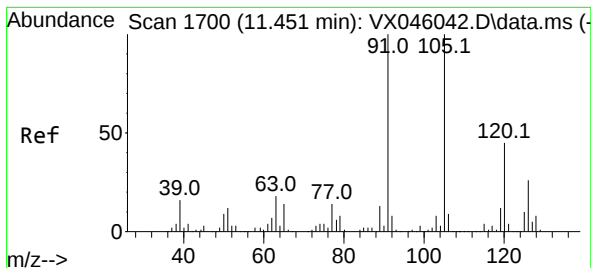
Tgt Ion:105 Resp: 194
Ion Ratio Lower Upper
105 100
120 59.8 23.1 69.2



#81
trans-1,4-Dichloro-2-butene
Concen: 91.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 75 Resp: 39181
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

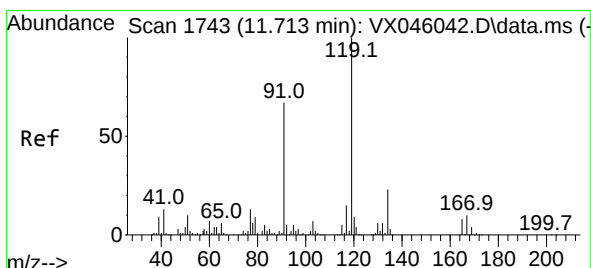
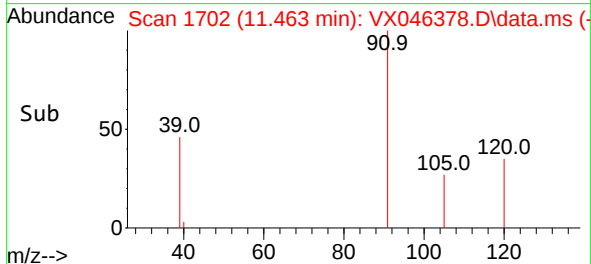
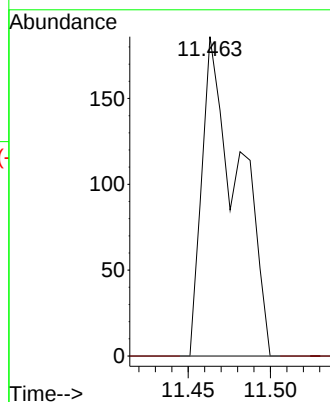
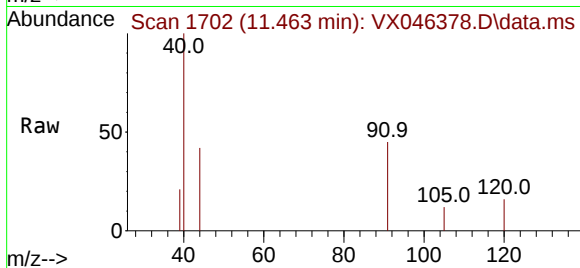




#82
4-Chlorotoluene
Concen: 0.077 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

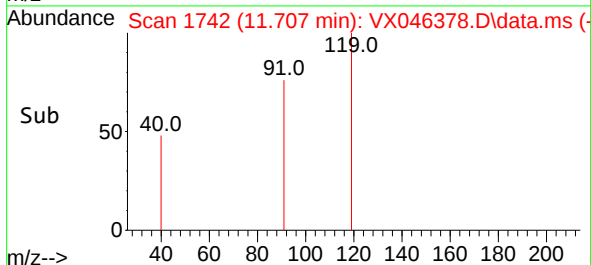
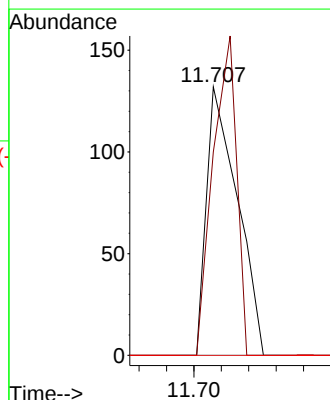
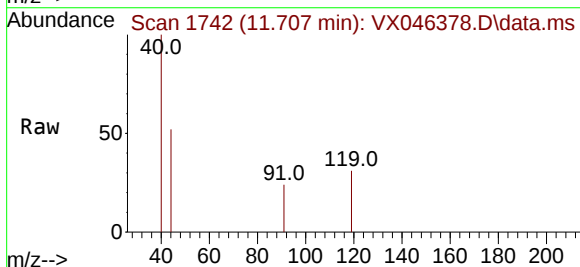
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

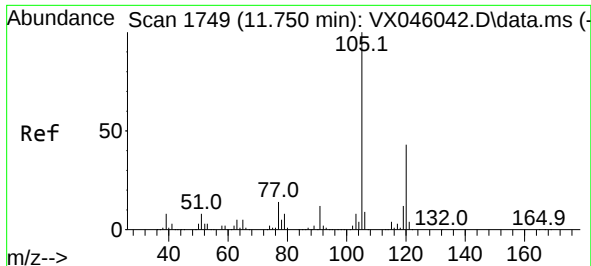
Tgt Ion: 91 Resp: 288
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.8#



#83
tert-Butylbenzene
Concen: 0.027 ug/l
RT: 11.707 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 119 Resp: 103
Ion Ratio Lower Upper
119 100
91 91.3 32.9 98.7
134 0.0 11.4 34.1#

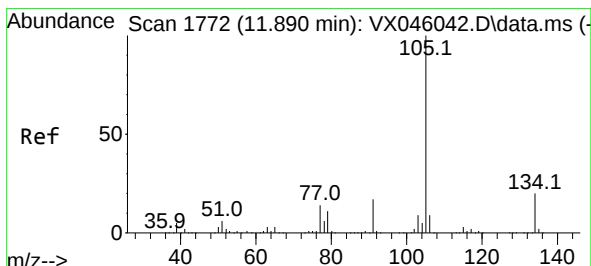
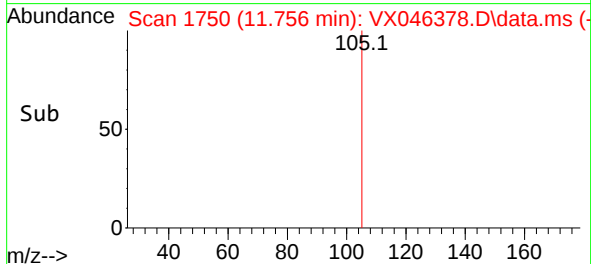
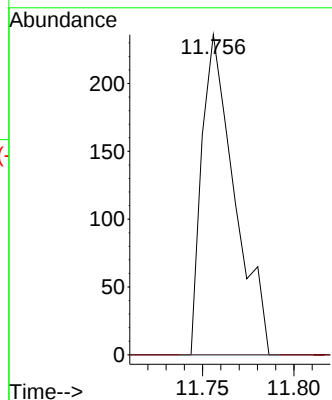
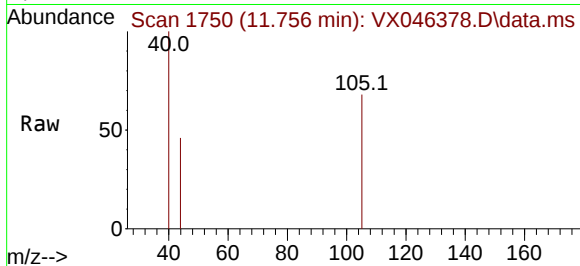




#84
1,2,4-Trimethylbenzene
Concen: 0.077 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

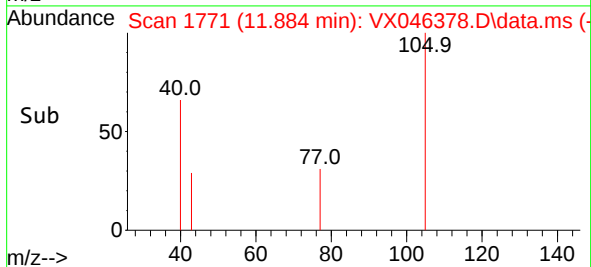
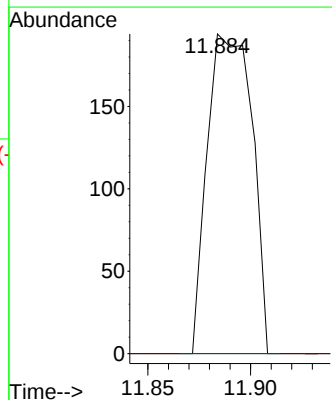
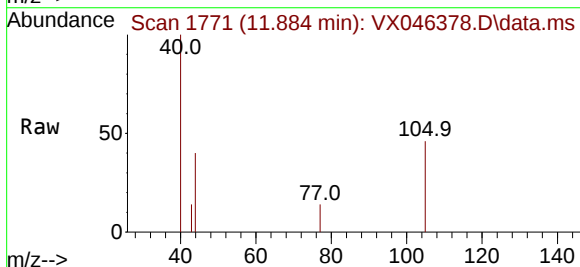
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

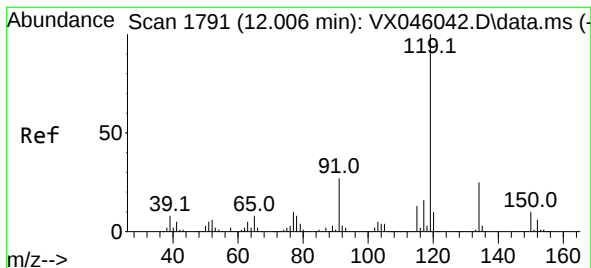
Tgt Ion:105 Resp: 294
Ion Ratio Lower Upper
105 100
120 0.0 21.2 63.6#



#85
sec-Butylbenzene
Concen: 0.063 ug/l
RT: 11.884 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:105 Resp: 294
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.069 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

PB168159TB

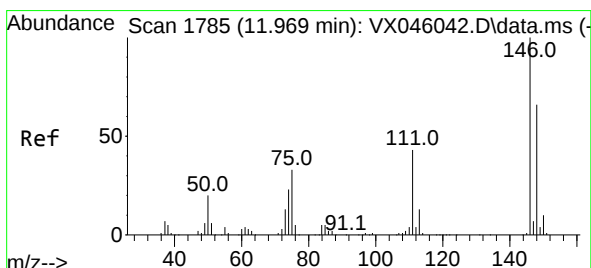
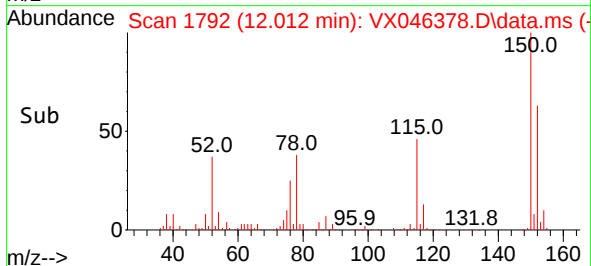
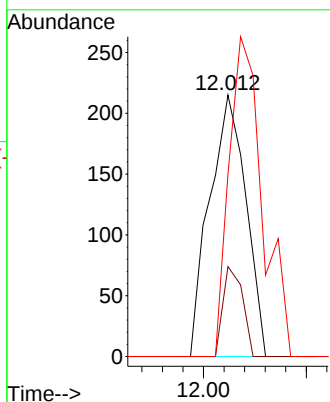
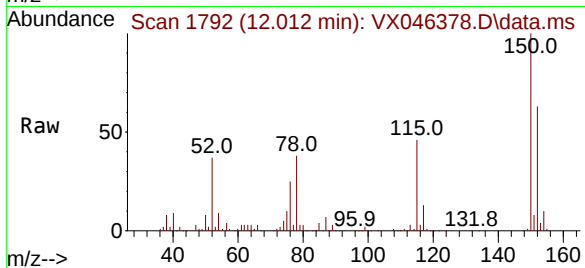
Tgt Ion:119 Resp: 264

Ion Ratio Lower Upper

119 100

134 18.6 12.5 37.5

91 112.1 13.8 41.4#



#87

1,3-Dichlorobenzene

Concen: 0.141 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046378.D

Acq: 28 May 2025 12:19

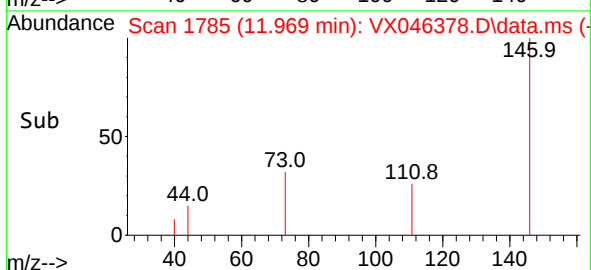
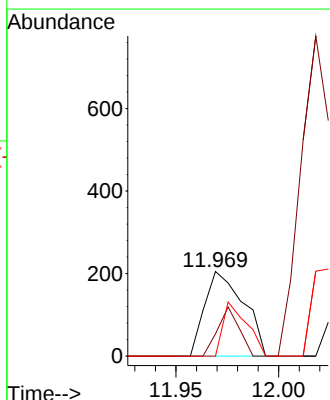
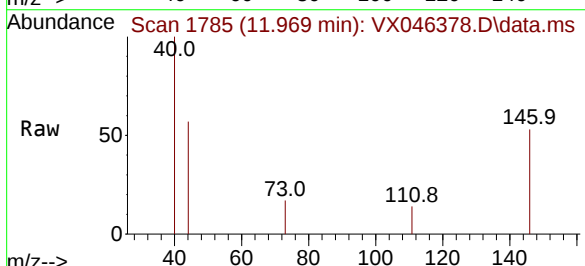
Tgt Ion:146 Resp: 270

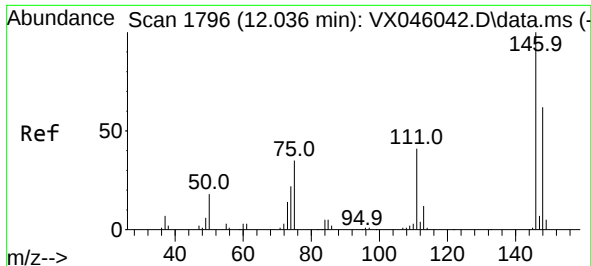
Ion Ratio Lower Upper

146 100

111 31.9 22.1 66.3

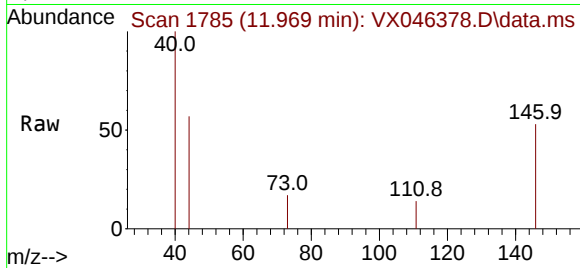
148 38.9 32.1 96.5



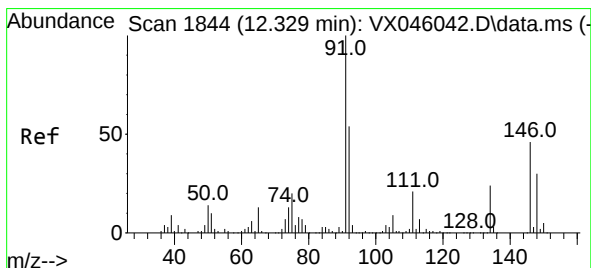
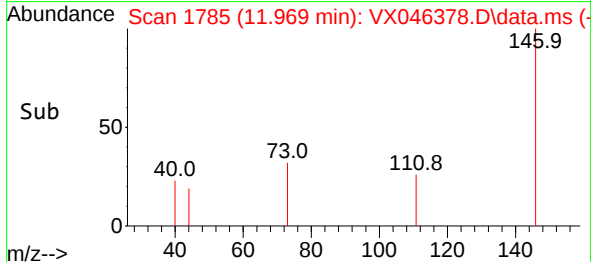
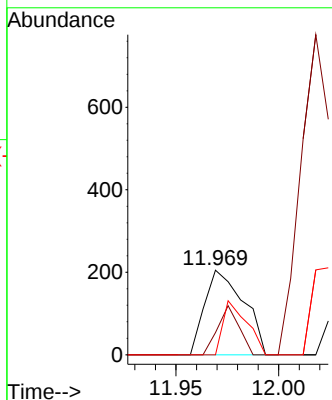


#88
1,4-Dichlorobenzene
Concen: 0.139 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

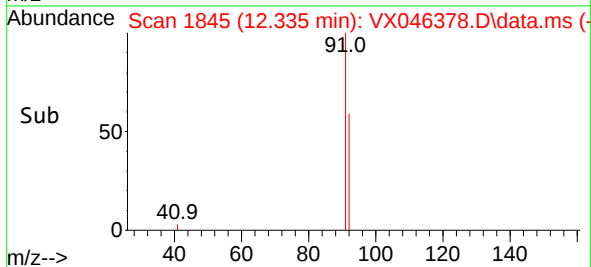
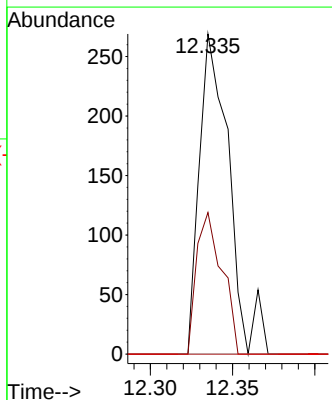
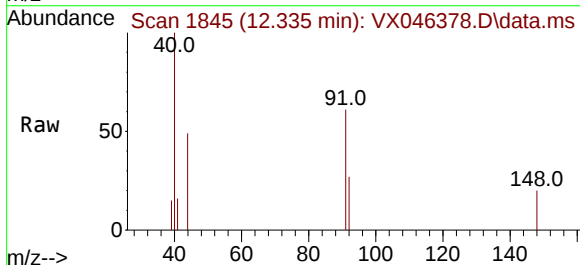


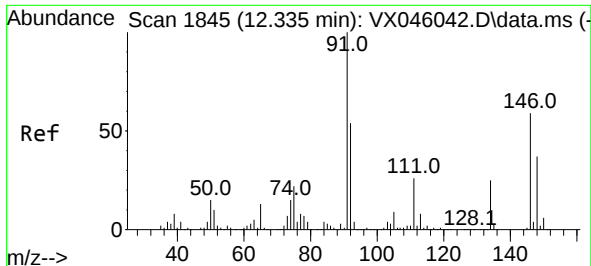
Tgt Ion:146 Resp: 270
Ion Ratio Lower Upper
146 100
111 31.9 21.3 63.9
148 38.9 31.9 95.5



#89
n-Butylbenzene
Concen: 0.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion: 91 Resp: 337
Ion Ratio Lower Upper
91 100
92 38.0 26.9 80.7
134 0.0 11.8 35.3#

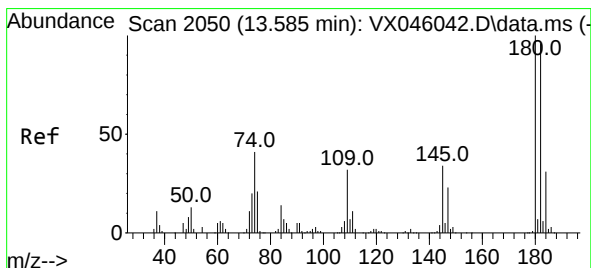
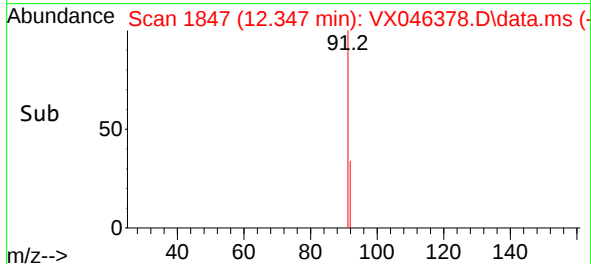
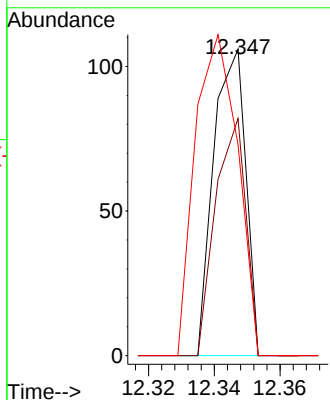
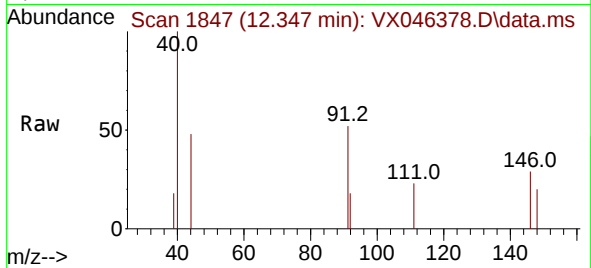




#91
1,2-Dichlorobenzene
Concen: 0.037 ug/l
RT: 12.347 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

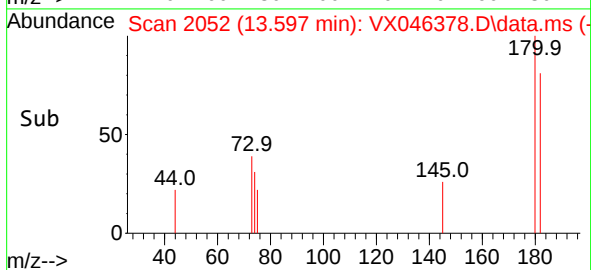
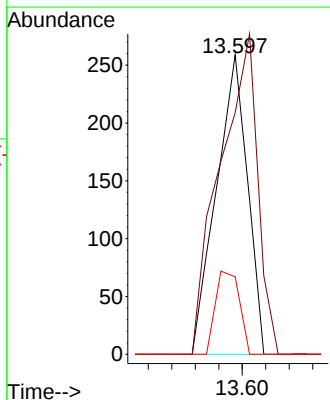
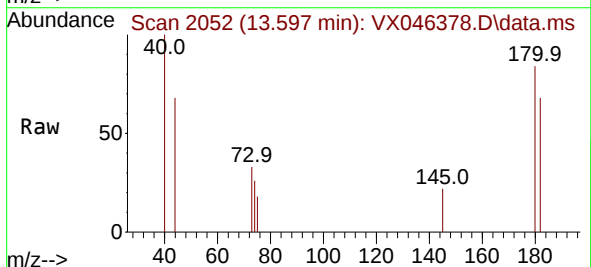
Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

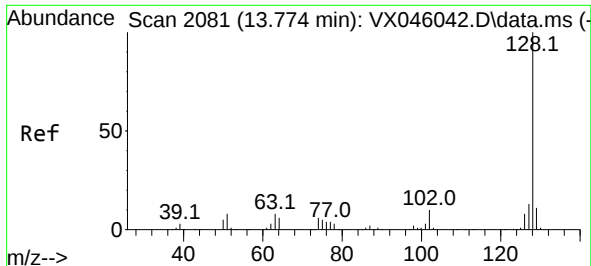
Tgt Ion:146 Resp: 71
Ion Ratio Lower Upper
146 100
111 73.2 22.4 67.3#
148 139.4 31.6 94.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:180 Resp: 237
Ion Ratio Lower Upper
180 100
182 129.5 47.9 143.8
145 21.5 17.1 51.2

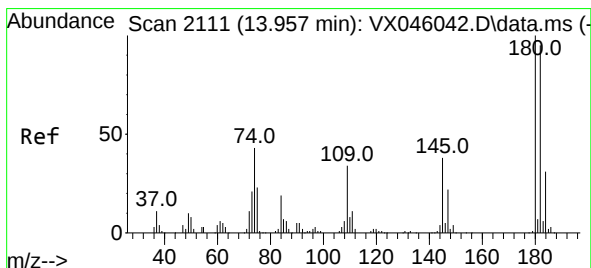
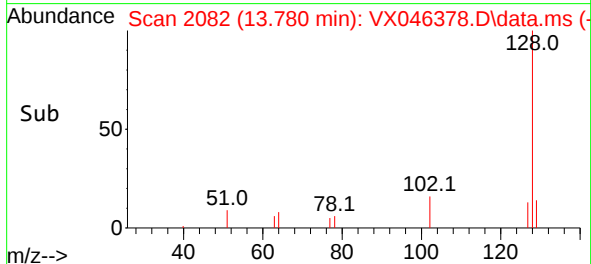
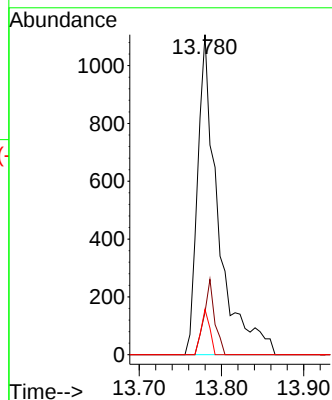
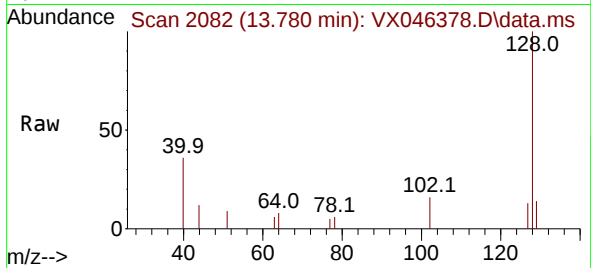




#95
Naphthalene
Concen: 0.478 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
PB168159TB

Tgt Ion:128 Resp: 1928
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 6.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.243 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046378.D
Acq: 28 May 2025 12:19

Tgt Ion:180 Resp: 276
Ion Ratio Lower Upper
180 100
182 105.8 47.8 143.3
145 29.0 18.1 54.3

