

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046414.D
 Acq On : 30 May 2025 12:18
 Operator : JC/MD
 Sample : PB168191TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

Quant Time: May 30 23:25:25 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	59922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60371	54.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.080%	
35) Dibromofluoromethane	5.379	113	43701	50.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	8.647	98	154072	51.801	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	58549	51.318	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.640%	

Target Compounds				Qvalue		
3) Chloromethane	1.301	50	70	0.079	ug/l #	43
5) Bromomethane	1.599	94	90	0.234	ug/l #	55
6) Chloroethane	1.575	64	21	0.048	ug/l #	44
10) Methyl Iodide	2.447	142	42	0.047	ug/l #	34
11) Tert butyl alcohol	2.977	59	327	2.085	ug/l #	72
14) Allyl chloride	2.642	41	260	0.191	ug/l #	21
16) Acetone	2.380	43	30025	67.032	ug/l	99
17) Carbon Disulfide	2.508	76	577	0.343	ug/l #	76
18) Methyl Acetate	2.709	43	1623	1.561	ug/l	93
20) Methylene Chloride	2.788	84	4493	5.234	ug/l #	95
23) Vinyl Acetate	3.776	43	29	0.013	ug/l #	74
25) 2-Butanone	4.599	43	2200	3.383	ug/l #	71
29) Tetrahydrofuran	5.032	42	128	0.314	ug/l #	65
31) Cyclohexane	5.544	56	1695	1.273	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	5926	5.132	ug/l #	51
37) Ethyl Acetate	4.733	43	181	0.127	ug/l #	70
38) Carbon Tetrachloride	5.544	117	7075	5.454	ug/l #	17
40) Benzene	6.025	78	23	0.007	ug/l #	52
41) Methacrylonitrile	5.044	41	176	0.236	ug/l #	53
42) 1,2-Dichloroethane	6.105	62	66	0.045	ug/l #	78
43) Isopropyl Acetate	6.342	43	11813	5.428	ug/l #	91
48) Methyl methacrylate	7.793	41	48617	43.743	ug/l #	49
49) 1,4-Dioxane	7.799	88	64	3.033	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	39039	27.025	ug/l #	50
52) Toluene	8.714	92	95	0.046	ug/l #	17
53) t-1,3-Dichloropropene	8.952	75	319	0.275	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14963	11.659	ug/l #	64
56) Ethyl methacrylate	9.238	69	163	0.125	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1538	1.047	ug/l #	42
59) 2-Hexanone	9.378	43	12454	11.653	ug/l #	28
65) Chlorobenzene	10.080	112	178	0.071	ug/l #	37
67) Ethyl Benzene	10.208	91	213	0.049	ug/l #	45
68) m/p-Xylenes	10.317	106	181	0.113	ug/l #	70
69) o-Xylene	10.640	106	57	0.036	ug/l #	1
70) Styrene	10.659	104	19	0.007	ug/l #	23
73) Isopropylbenzene	10.976	105	131	0.035	ug/l #	49

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046414.D
 Acq On : 30 May 2025 12:18
 Operator : JC/MD
 Sample : PB168191TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

Quant Time: May 30 23:25:25 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)

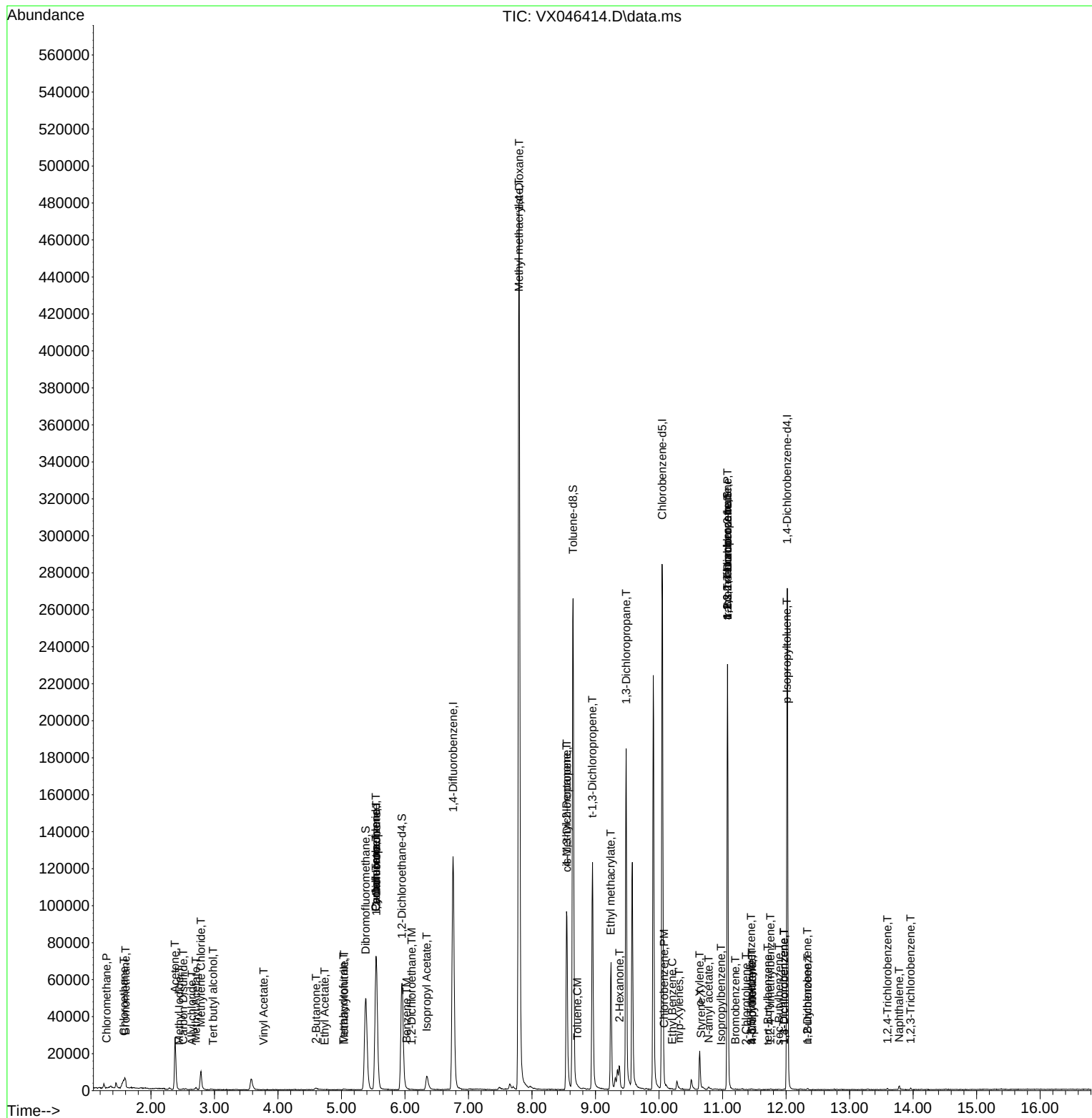
74) N-amyl acetate	10.781	43	1274	0.682	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.079	83	42	0.032	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33890	28.990	ug/l #	36
77) Bromobenzene	11.201	156	25	0.028	ug/l #	1
78) n-propylbenzene	11.463	91	223	0.051	ug/l	77
79) 2-Chlorotoluene	11.372	91	188	0.066	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	145	0.046	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	33890	94.382	ug/l #	1
82) 4-Chlorotoluene	11.463	91	223	0.071	ug/l #	48
83) tert-Butylbenzene	11.713	119	99	0.031	ug/l #	71
84) 1,2,4-Trimethylbenzene	11.756	105	248	0.078	ug/l	77
85) sec-Butylbenzene	11.890	105	233	0.060	ug/l #	57
86) p-Isopropyltoluene	12.012	119	180	0.056	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	236	0.147	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	236	0.144	ug/l	90
89) n-Butylbenzene	12.341	91	266	0.094	ug/l #	80
91) 1,2-Dichlorobenzene	12.335	146	170	0.106	ug/l #	64
93) 1,2,4-Trichlorobenzene	13.597	180	281	0.304	ug/l	83
95) Naphthalene	13.780	128	1933	0.571	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	273	0.287	ug/l	82

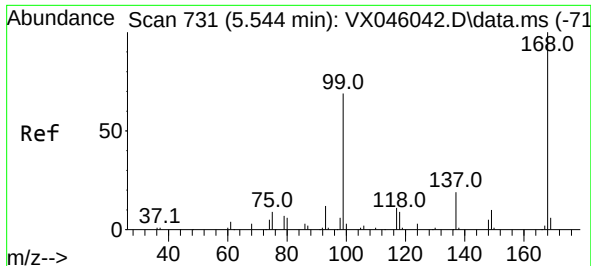
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046414.D
Acq On : 30 May 2025 12:18
Operator : JC/MD
Sample : PB168191TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

Quant Time: May 30 23:25:25 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

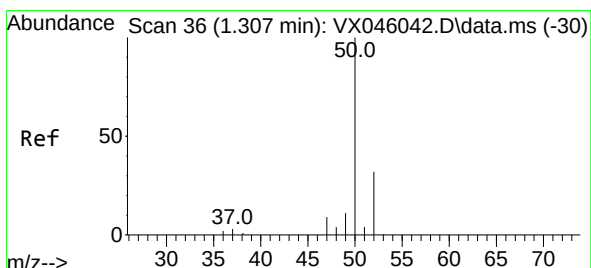
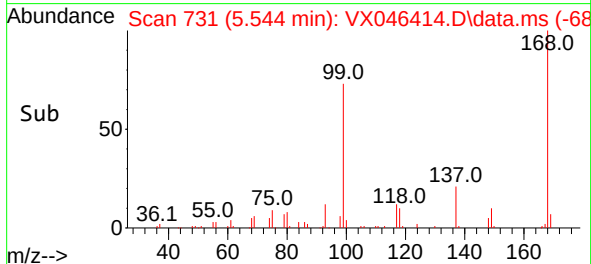
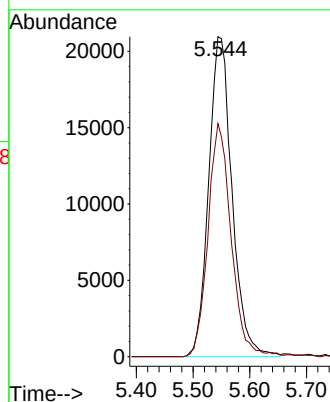
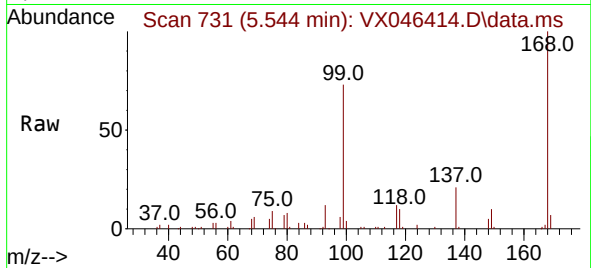




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

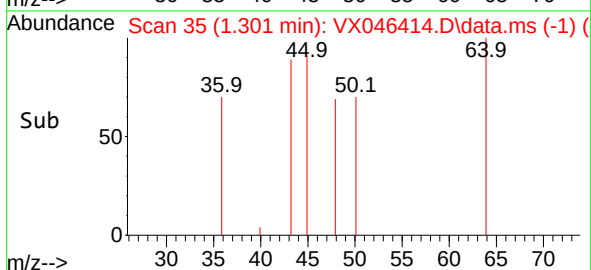
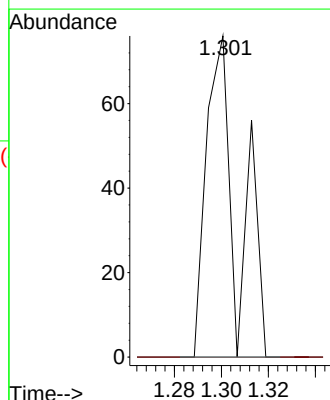
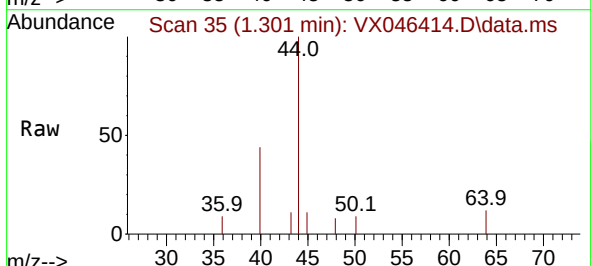
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

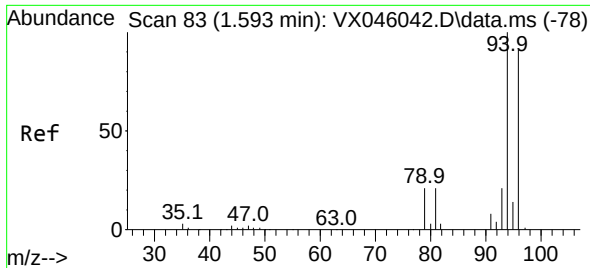
Tgt Ion:168 Resp: 59922
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3



#3
Chloromethane
Concen: 0.079 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

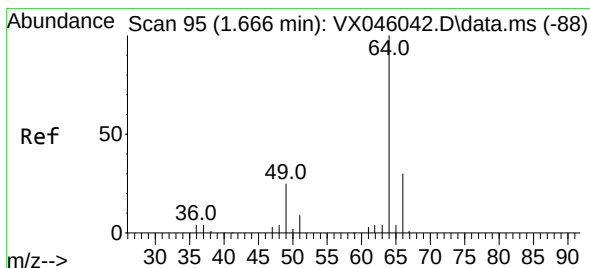
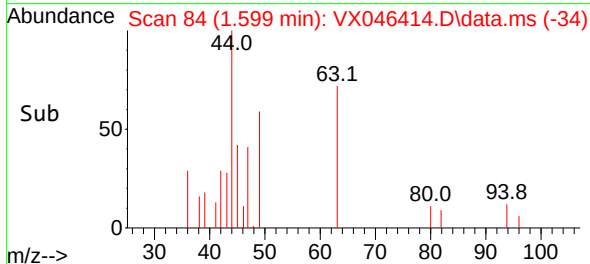
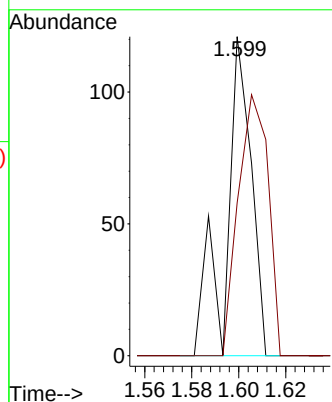
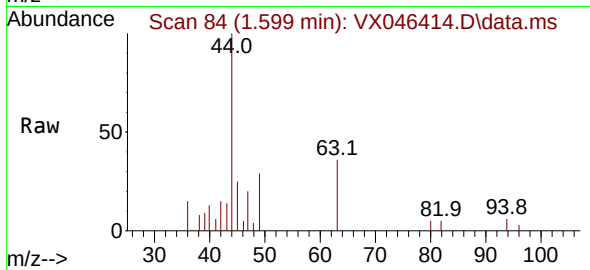




#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

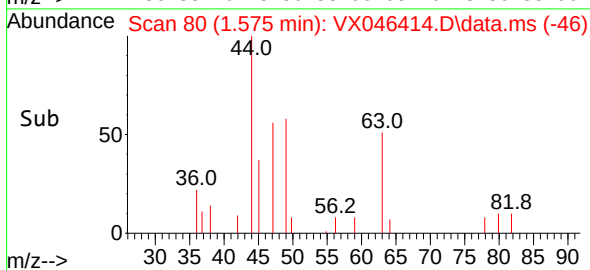
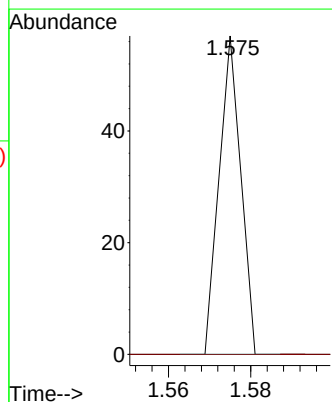
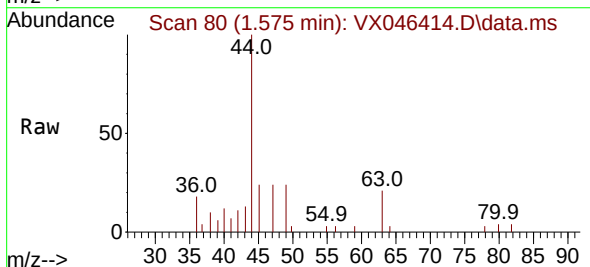
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

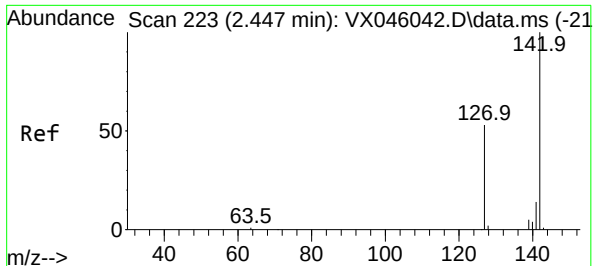
Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 47.9 72.8 109.2#



#6
Chloroethane
Concen: 0.048 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.091 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

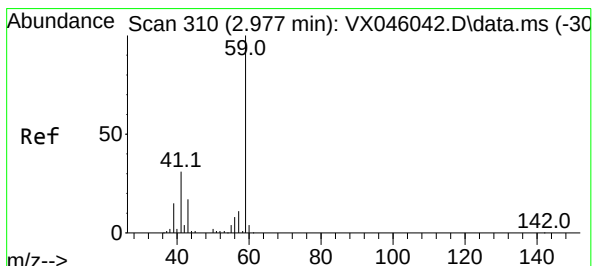
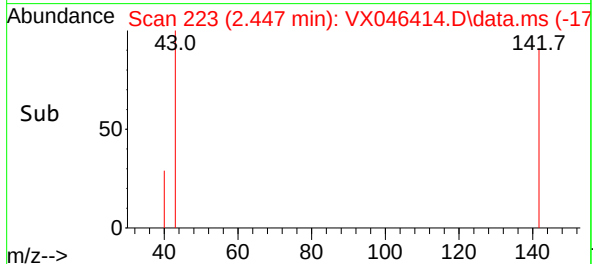
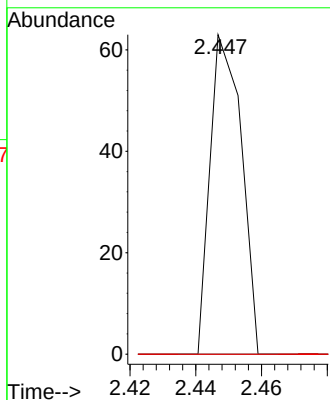
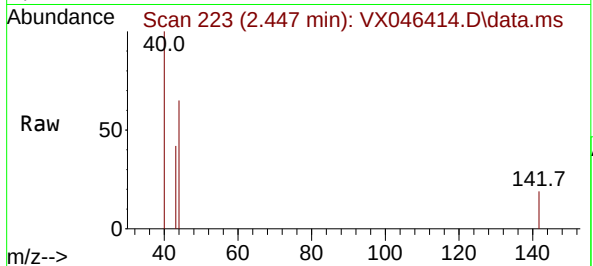




#10
Methyl Iodide
Concen: 0.047 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

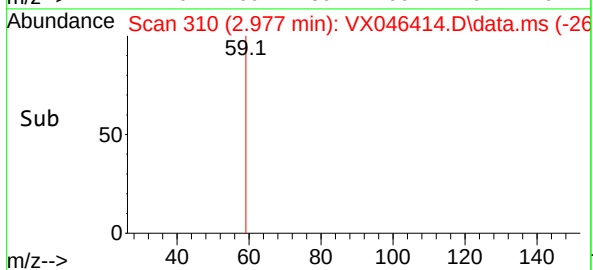
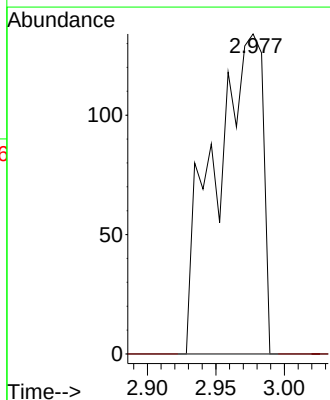
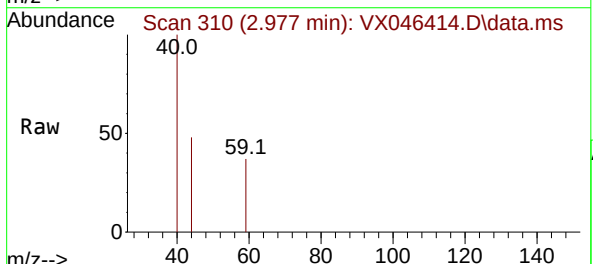
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

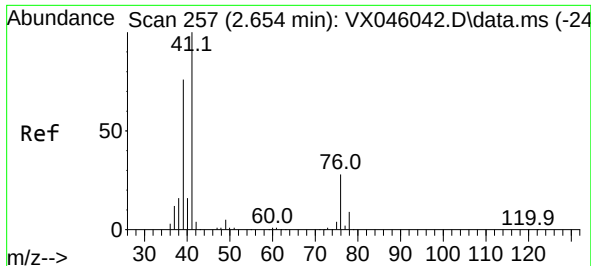
Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 41.7 62.5#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 2.085 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

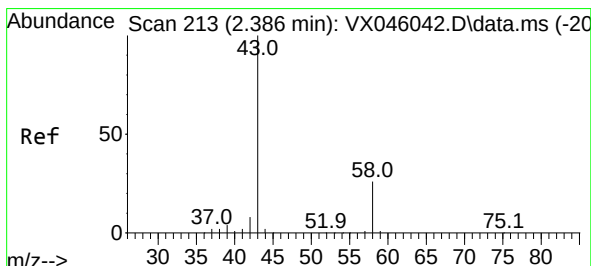
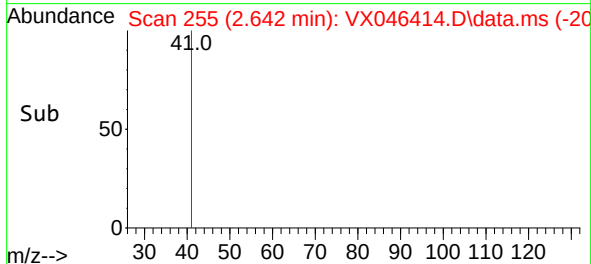
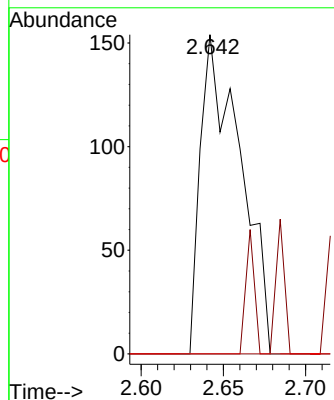
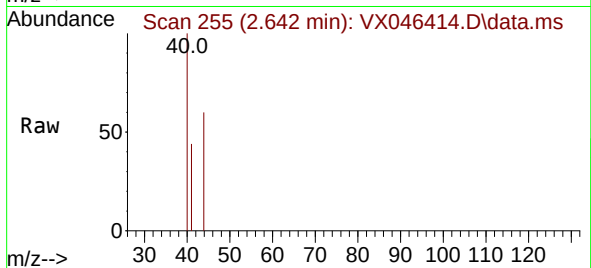




#14
 Allyl chloride
 Concen: 0.191 ug/l
 RT: 2.642 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

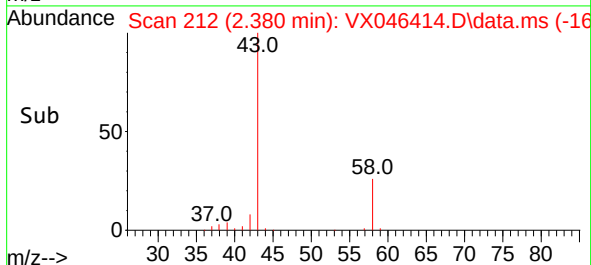
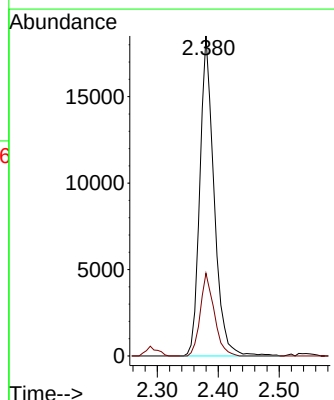
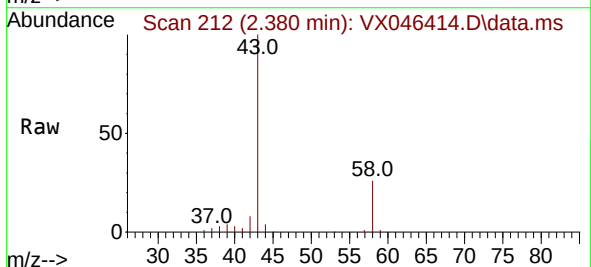
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

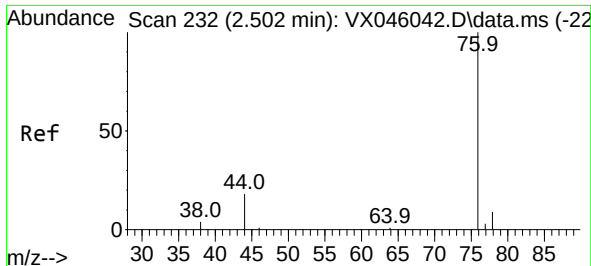
Tgt Ion: 41 Resp: 260
 Ion Ratio Lower Upper
 41 100
 39 0.0 60.6 90.8#
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 67.032 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

Tgt Ion: 43 Resp: 30025
 Ion Ratio Lower Upper
 43 100
 58 25.8 21.2 31.8





#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

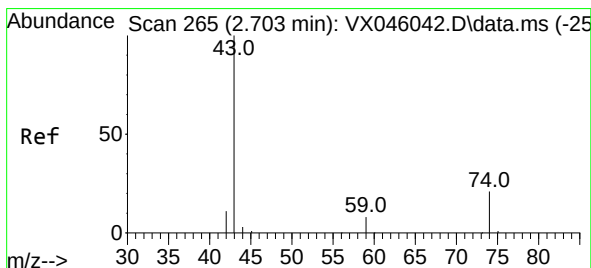
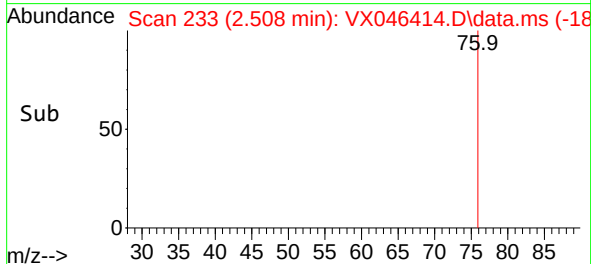
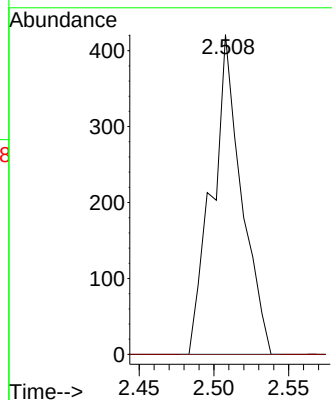
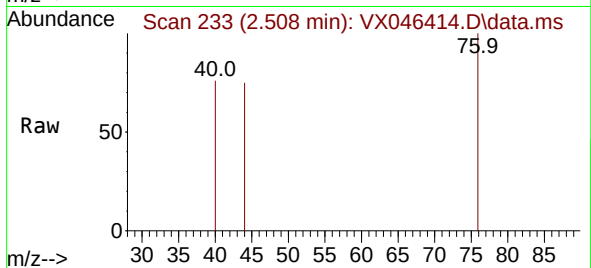
PB168191TB

Tgt Ion: 76 Resp: 577

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 1.561 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX046414.D

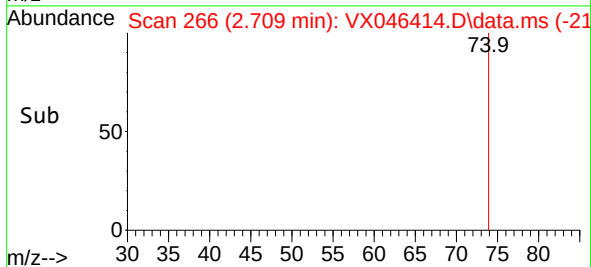
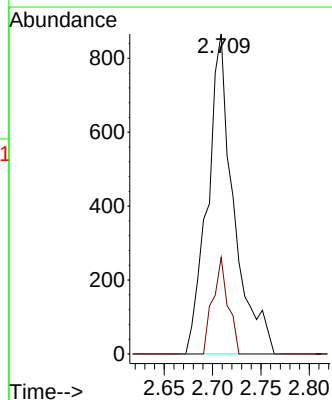
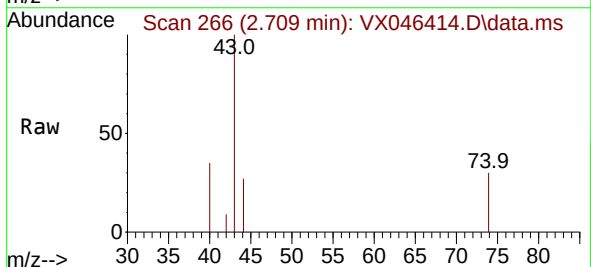
Acq: 30 May 2025 12:18

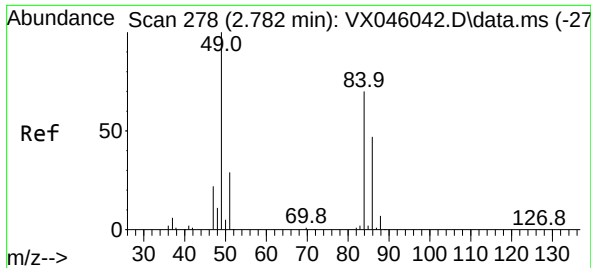
Tgt Ion: 43 Resp: 1623

Ion Ratio Lower Upper

43 100

74 17.7 16.7 25.1

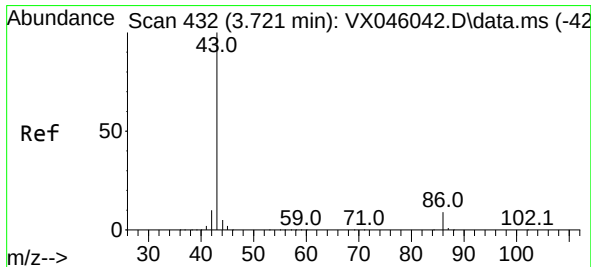
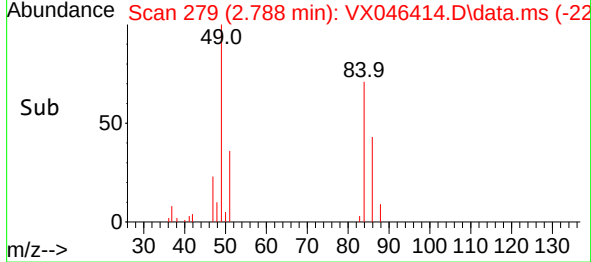
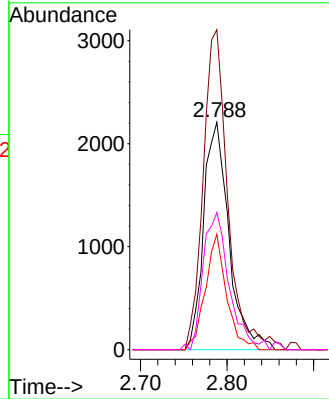
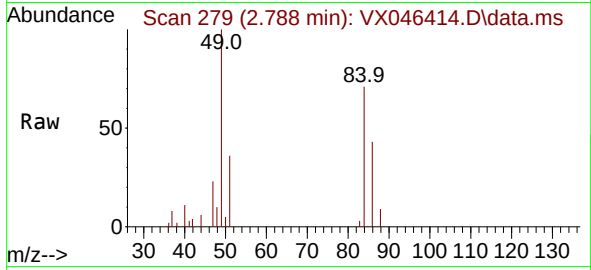




#20
Methylene Chloride
Concen: 5.234 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

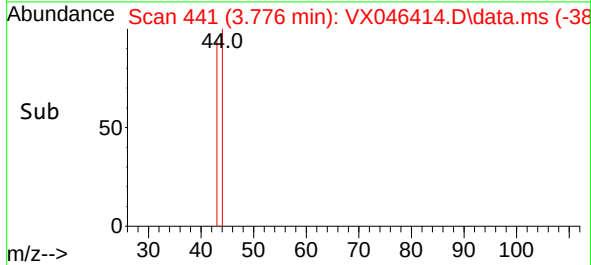
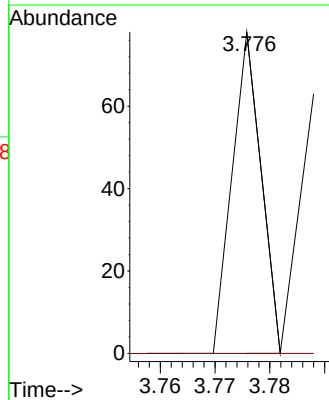
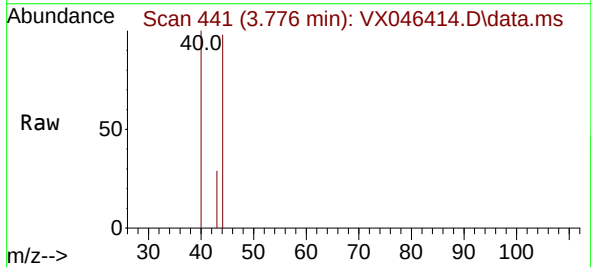
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

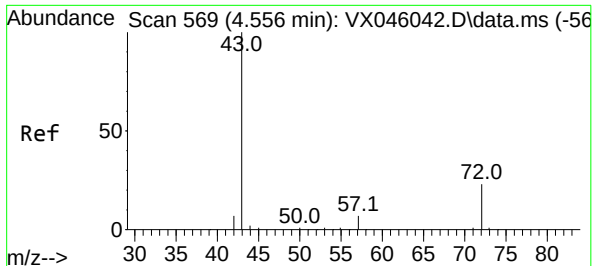
Tgt Ion: 84 Resp: 4493
Ion Ratio Lower Upper
84 100
49 140.7 113.9 170.9
51 50.7 33.5 50.3#
86 60.3 53.8 80.8



#23
Vinyl Acetate
Concen: 0.013 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.055 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#





#25

2-Butanone

Concen: 3.383 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

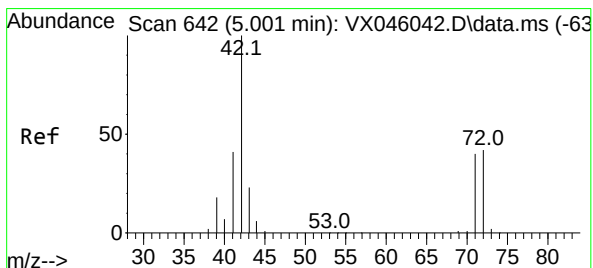
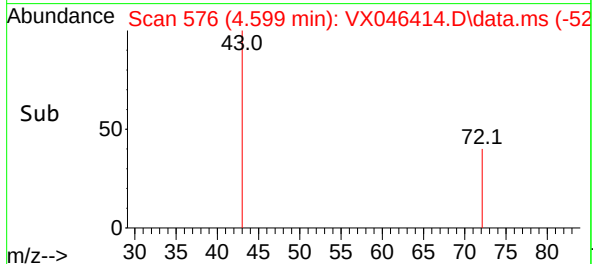
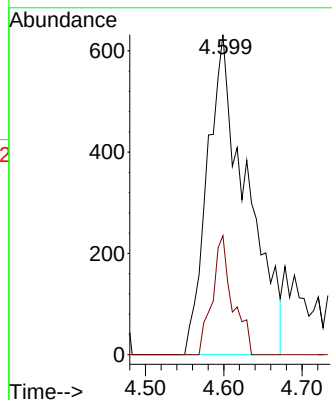
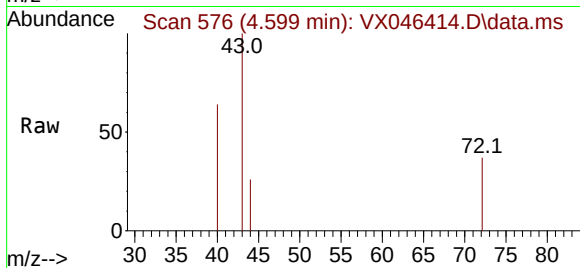
PB168191TB

Tgt Ion: 43 Resp: 2200

Ion Ratio Lower Upper

43 100

72 37.2 18.4 27.6#



#29

Tetrahydrofuran

Concen: 0.314 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

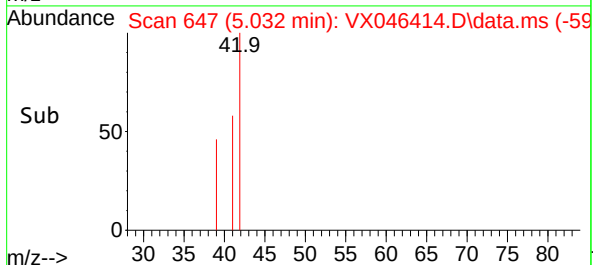
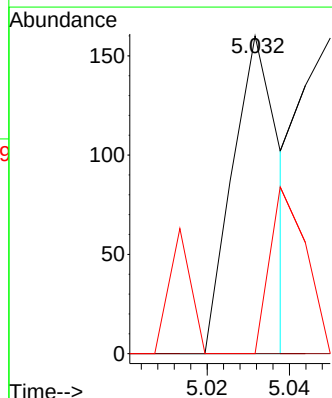
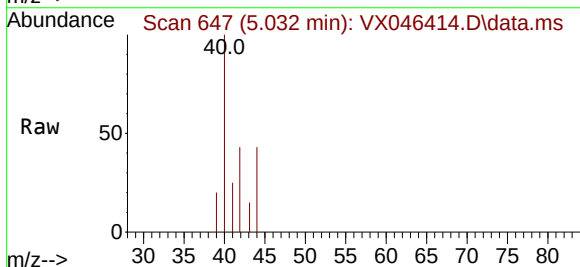
Tgt Ion: 42 Resp: 128

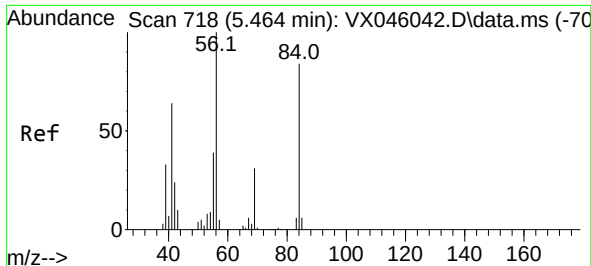
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

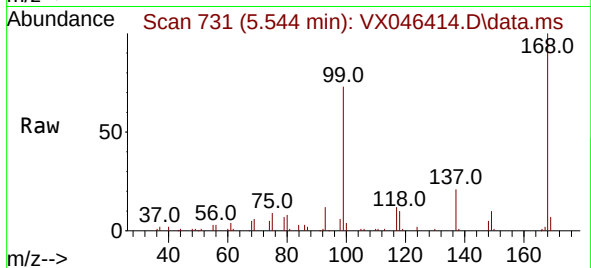
71 39.8 31.4 47.2



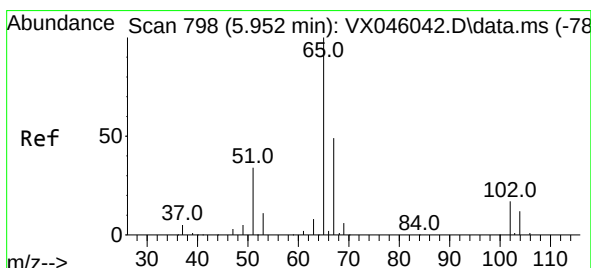
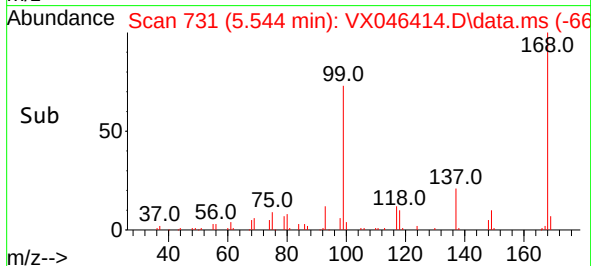
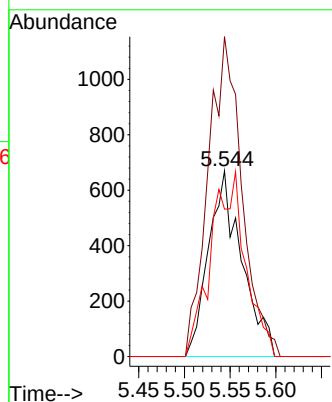


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

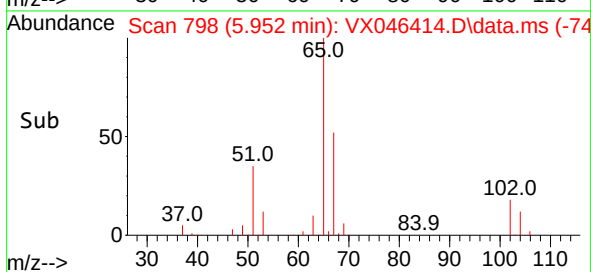
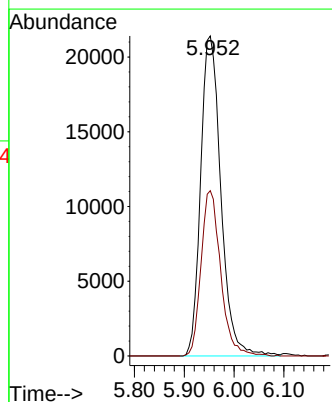
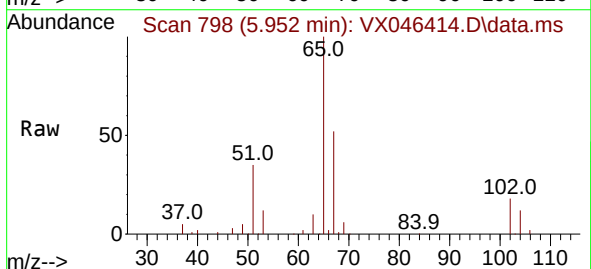


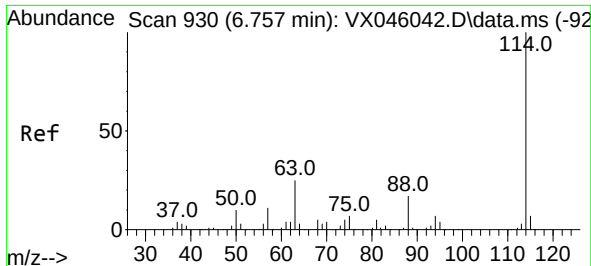
Tgt Ion: 56 Resp: 1695
Ion Ratio Lower Upper
56 100
69 172.2 24.4 36.6#
84 79.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.041 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 65 Resp: 60371
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

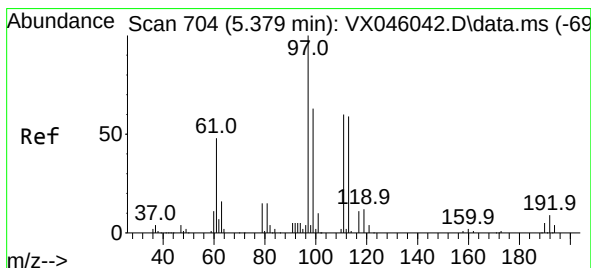
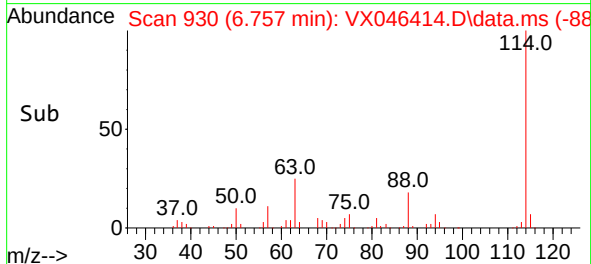
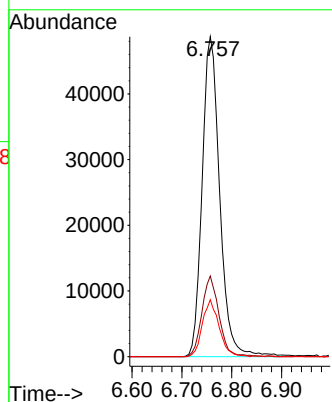
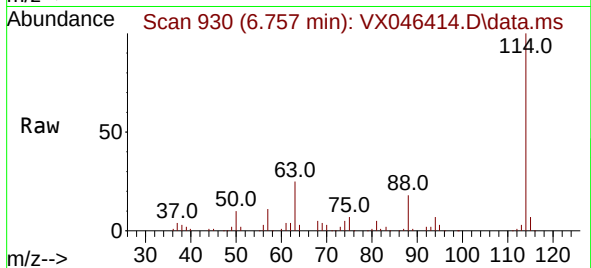




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

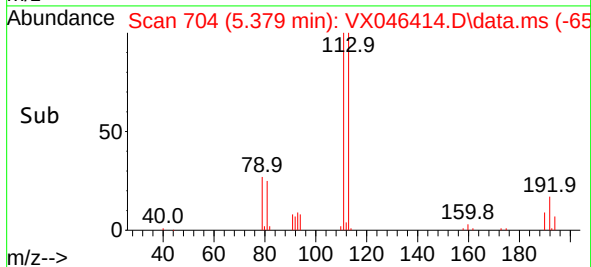
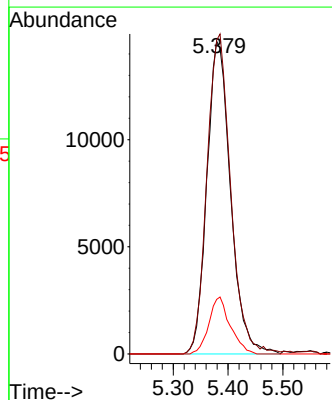
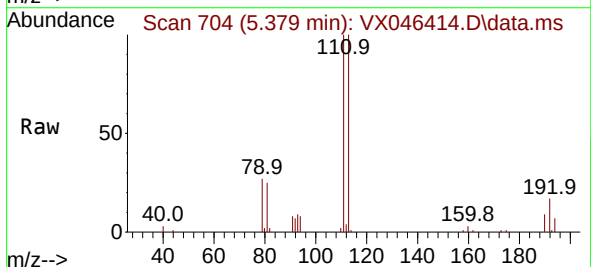
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

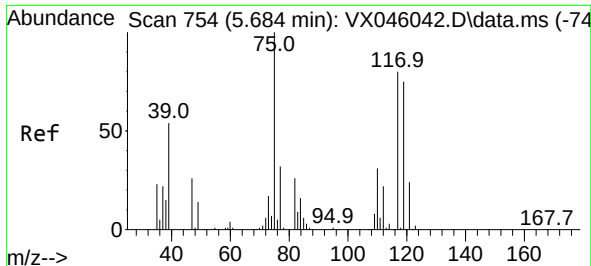
Tgt Ion:114 Resp: 119336
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

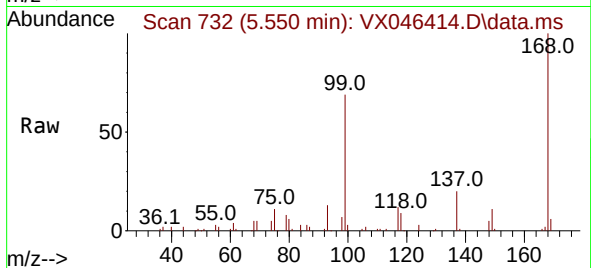
Tgt Ion:113 Resp: 43701
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.5 13.3 19.9



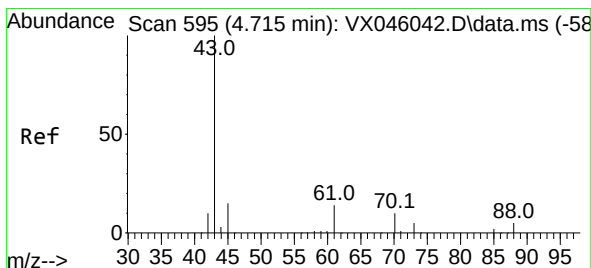
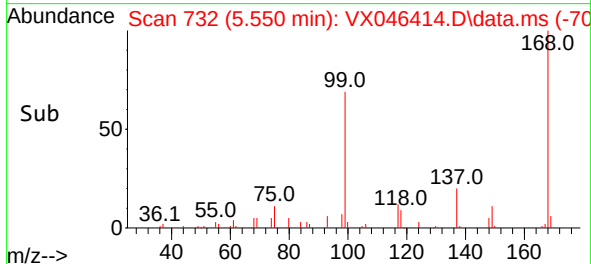
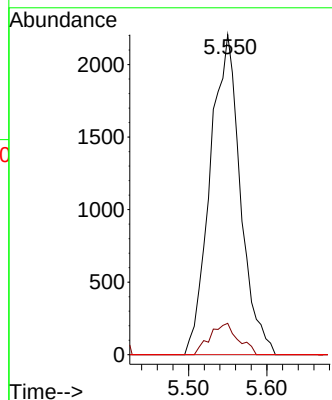


#36
1,1-Dichloropropene
Concen: 5.132 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

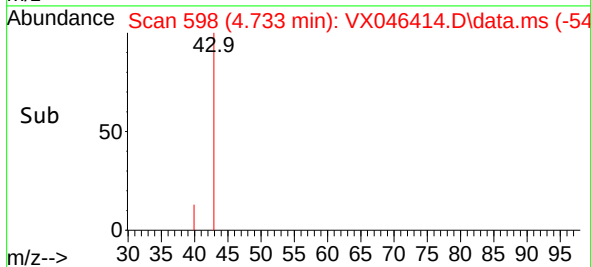
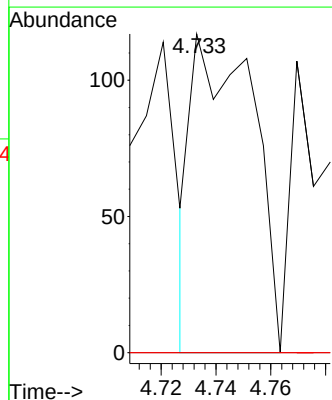
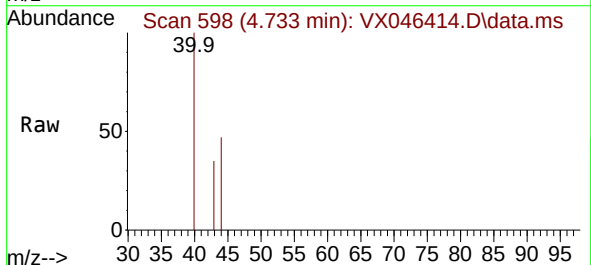


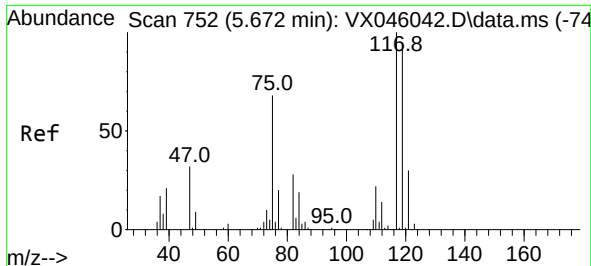
Tgt Ion: 75 Resp: 5926
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.127 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

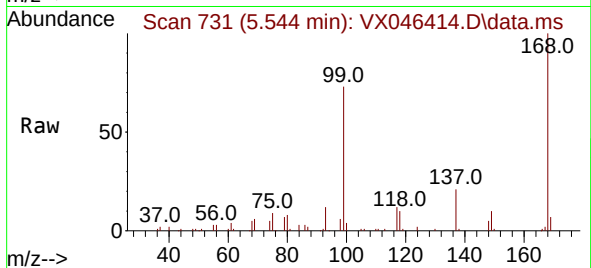
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#



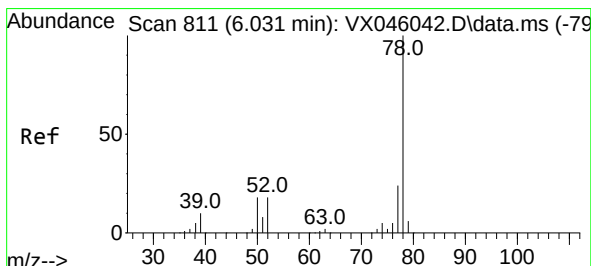
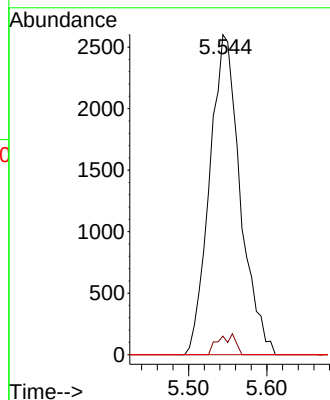
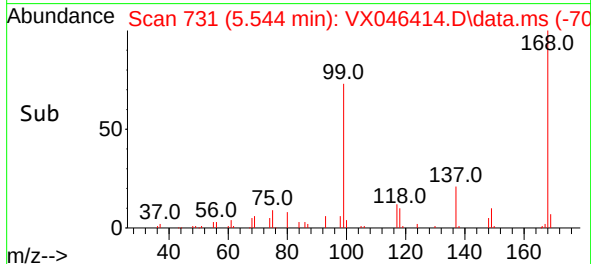


#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

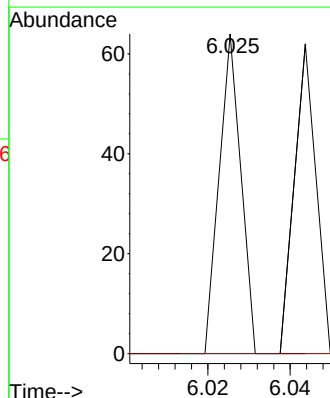
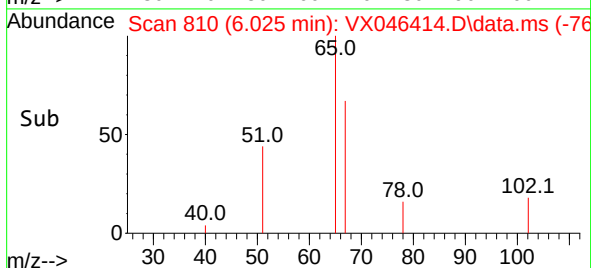
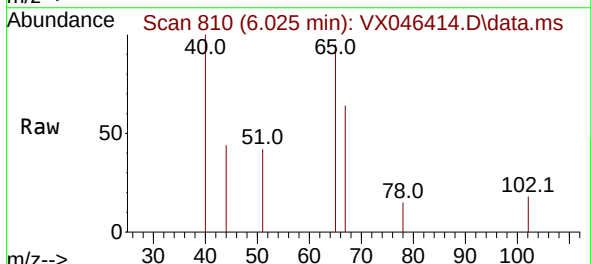


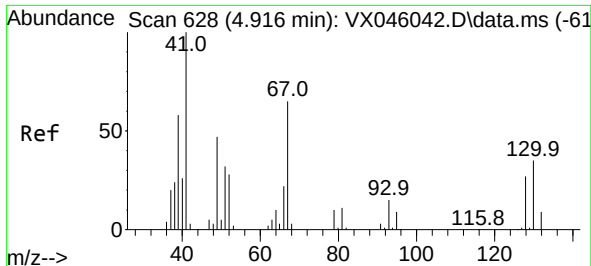
Tgt Ion:117 Resp: 7075
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#



#40
Benzene
Concen: 0.007 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 78 Resp: 23
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.4#

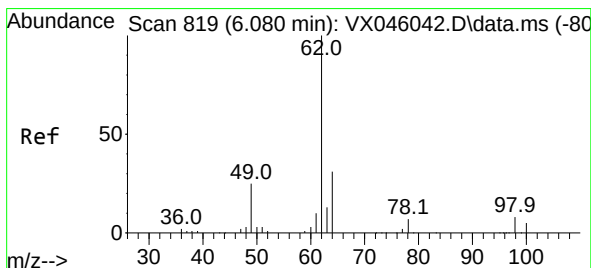
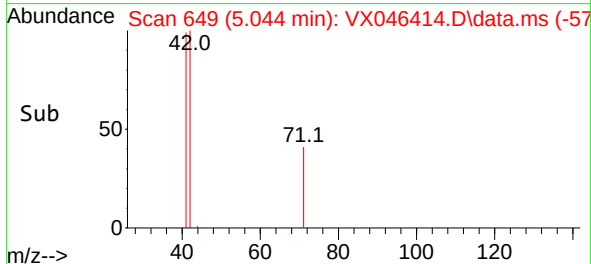
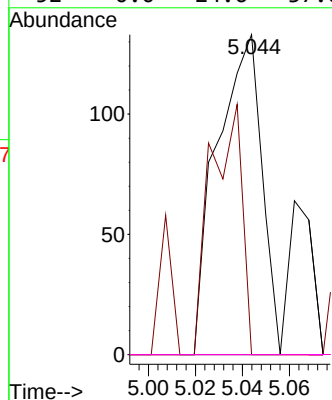
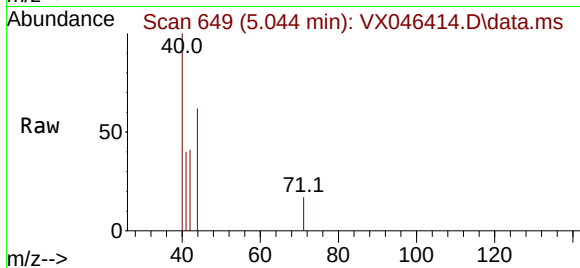




#41
Methacrylonitrile
Concen: 0.236 ug/l
RT: 5.044 min Scan# 641
Delta R.T. 0.128 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

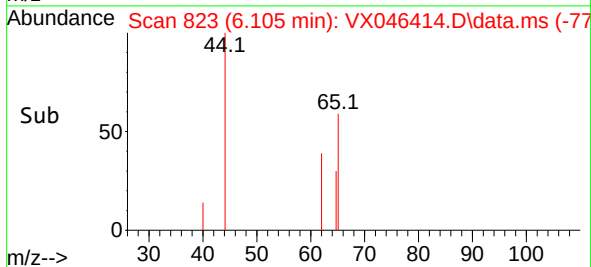
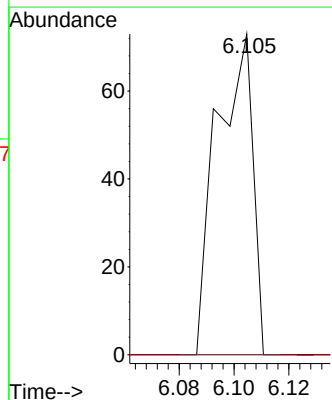
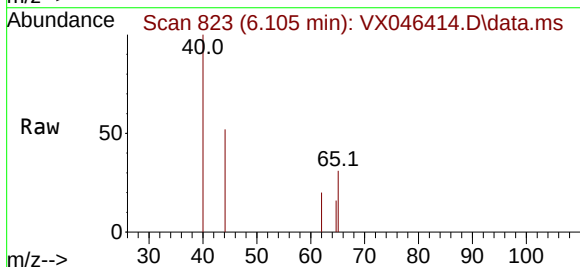
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

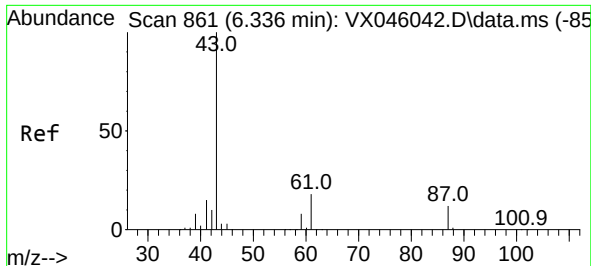
Tgt Ion: 41	Resp:	176	
Ion	Ratio	Lower	Upper
41	100		
39	55.1	47.2	70.8
67	0.0	50.7	76.1#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.045 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.024 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 62	Resp:	66	
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.2

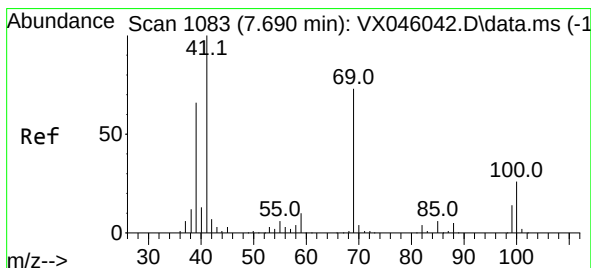
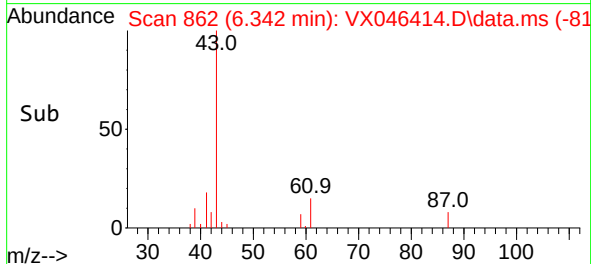
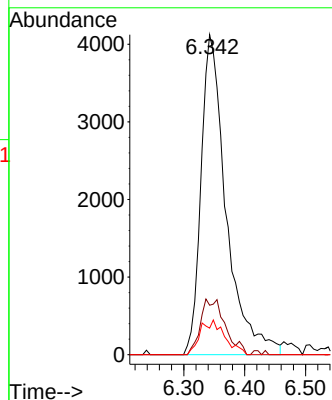
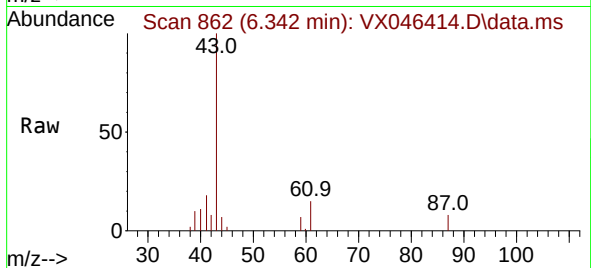




#43
Isopropyl Acetate
Concen: 5.428 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

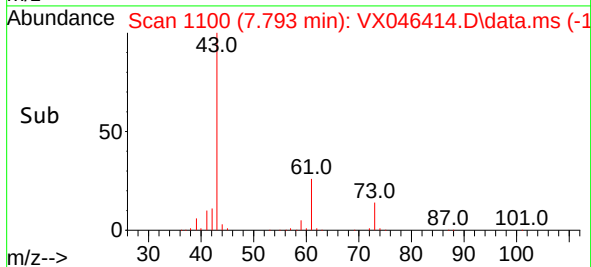
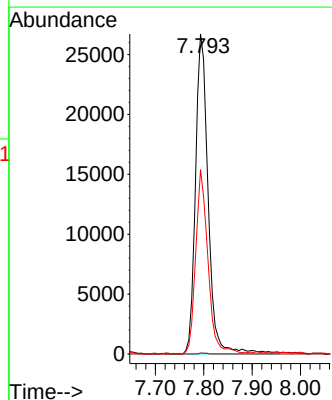
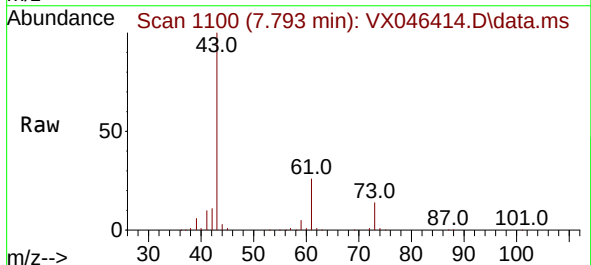
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

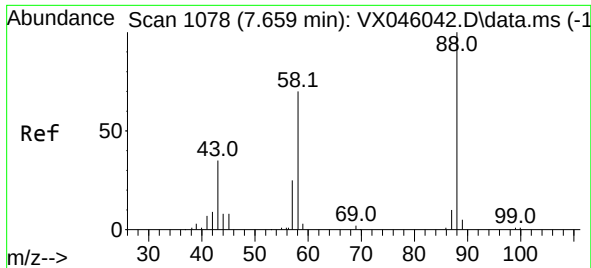
Tgt Ion: 43 Resp: 11813
Ion Ratio Lower Upper
43 100
61 16.9 14.3 21.5
87 4.6 9.5 14.3#



#48
Methyl methacrylate
Concen: 43.743 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 41 Resp: 48617
Ion Ratio Lower Upper
41 100
69 0.2 58.5 87.7#
39 55.7 51.7 77.5

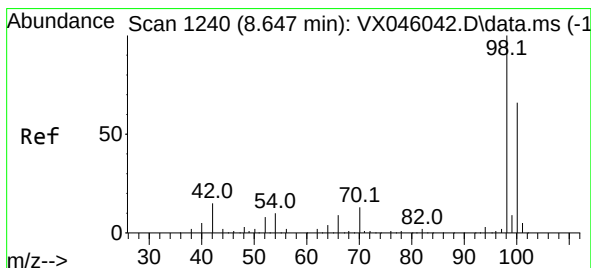
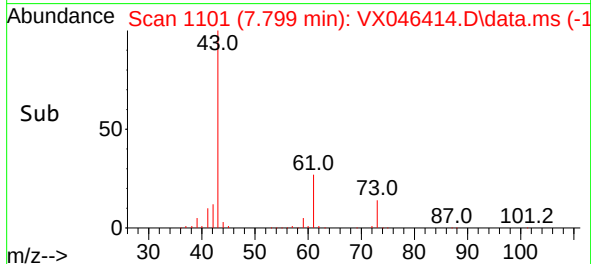
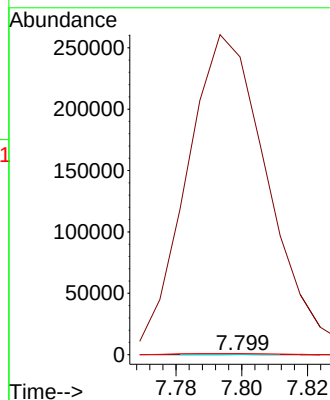
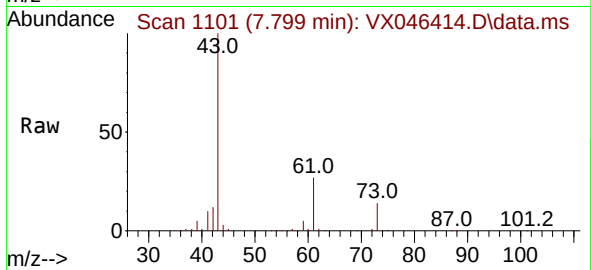




#49
1,4-Dioxane
Concen: 3.033 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

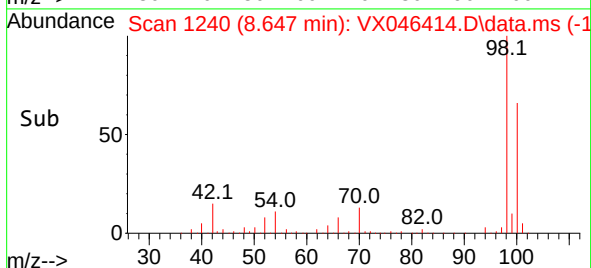
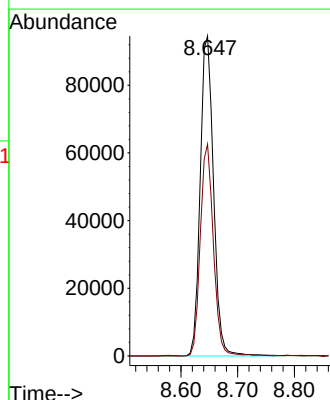
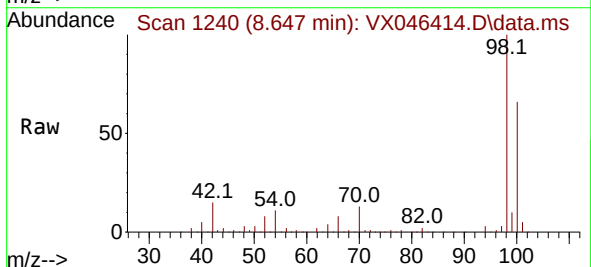
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

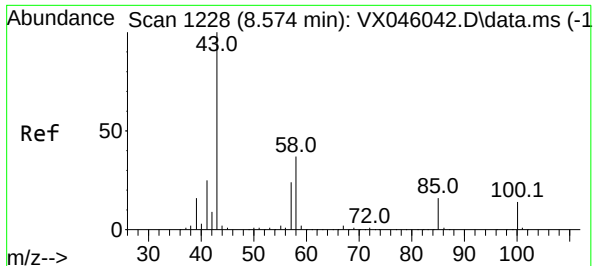
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 730889.1 33.4 50.2#
58 3151.6 58.6 88.0#



#50
Toluene-d8
Concen: 51.801 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 98 Resp: 154072
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

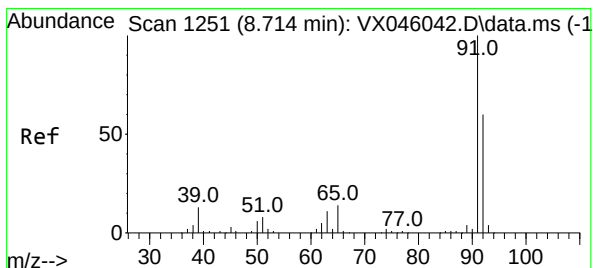
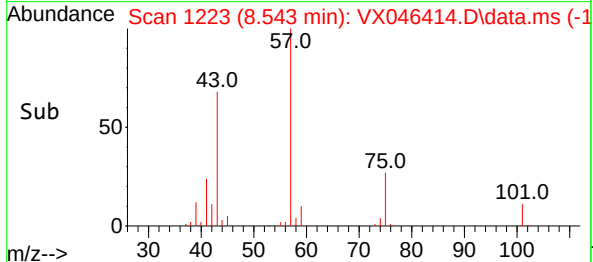
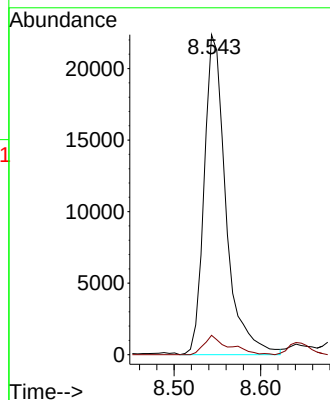
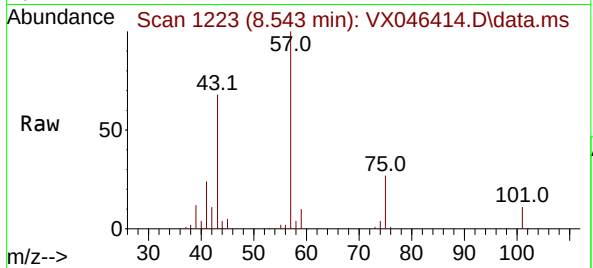




#51
4-Methyl-2-Pentanone
Concen: 27.025 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

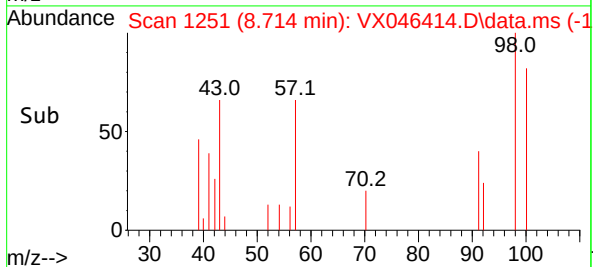
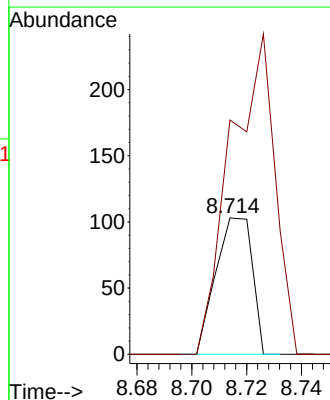
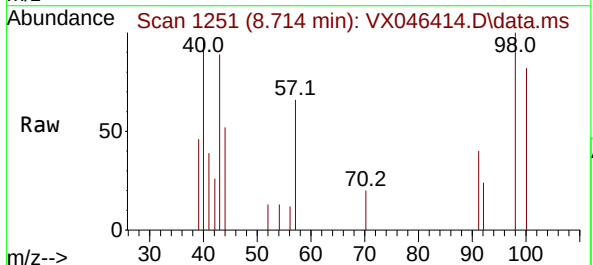
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

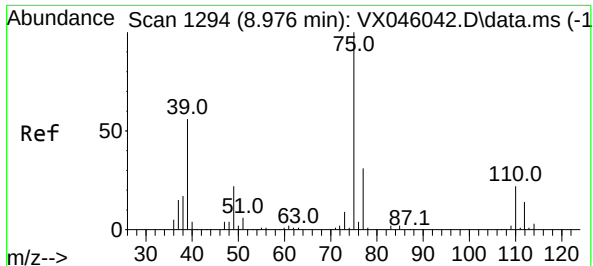
Tgt Ion: 43 Resp: 39039
Ion Ratio Lower Upper
43 100
58 6.9 28.9 43.3#



#52
Toluene
Concen: 0.046 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 92 Resp: 95
Ion Ratio Lower Upper
92 100
91 284.2 136.6 205.0#

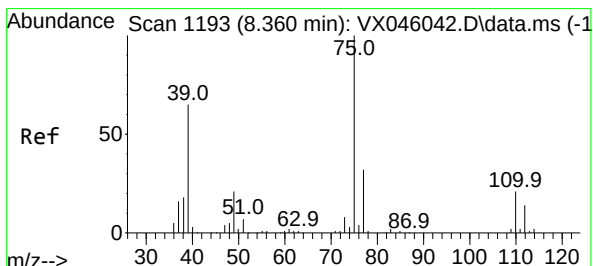
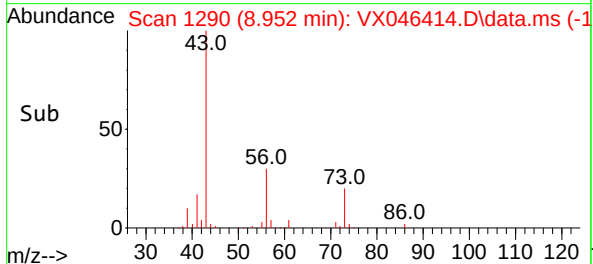
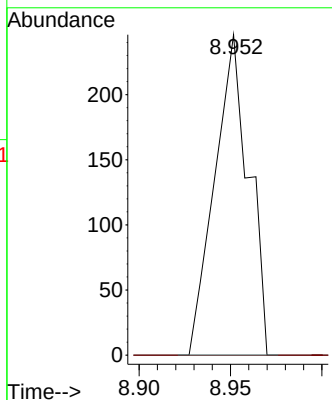
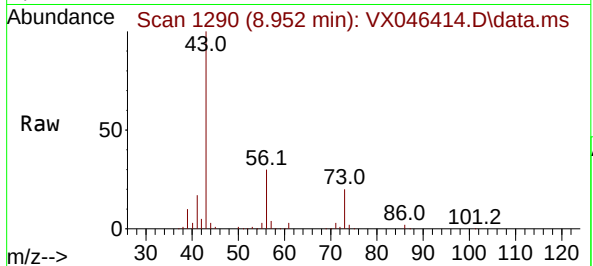




#53
 t-1,3-Dichloropropene
 Concen: 0.275 ug/l
 RT: 8.952 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

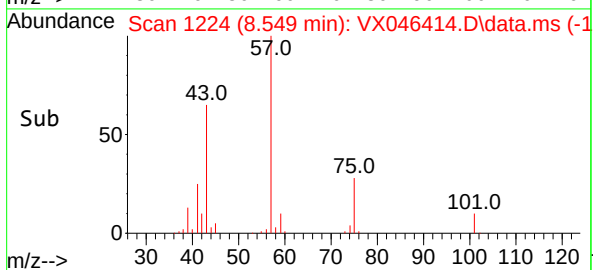
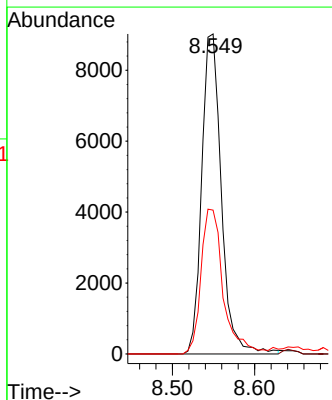
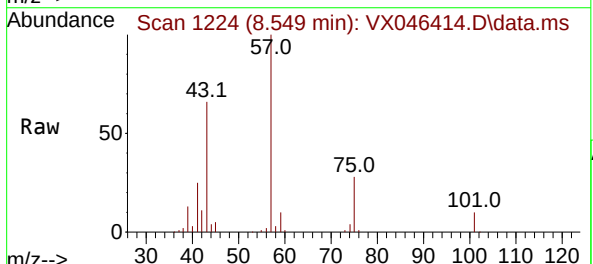
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

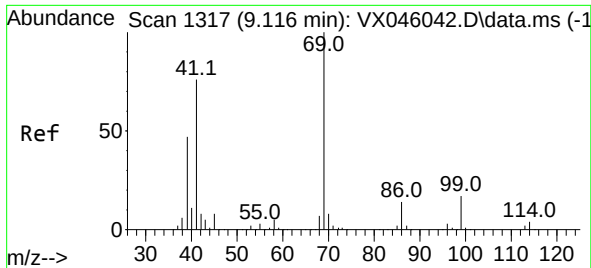
Tgt Ion: 75 Resp: 319
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 11.659 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.189 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

Tgt Ion: 75 Resp: 14963
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 44.9 52.2 78.4#

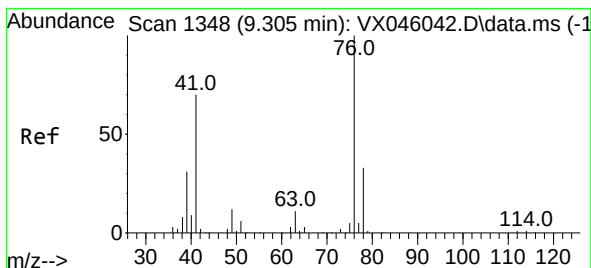
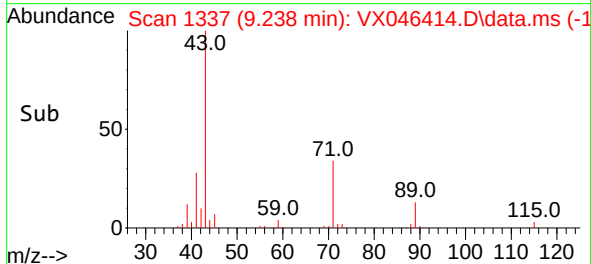
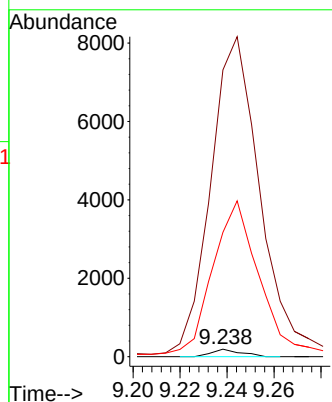
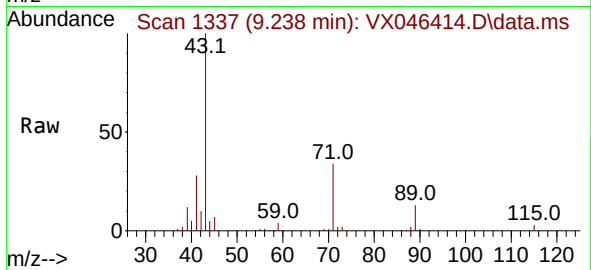




#56
 Ethyl methacrylate
 Concen: 0.125 ug/l
 RT: 9.238 min Scan# 11
 Delta R.T. 0.122 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

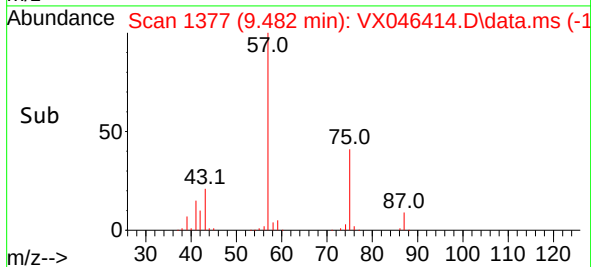
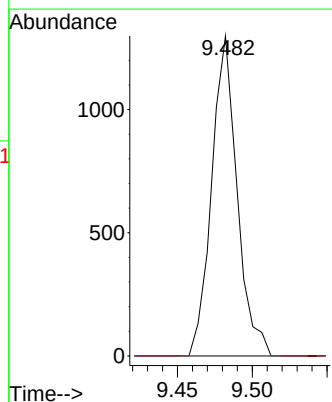
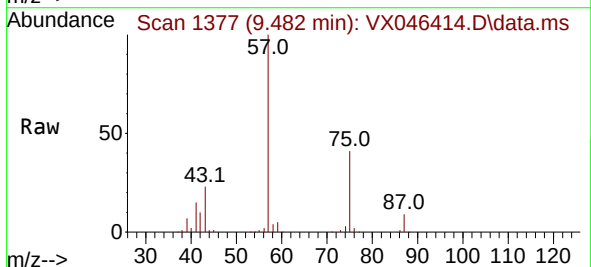
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

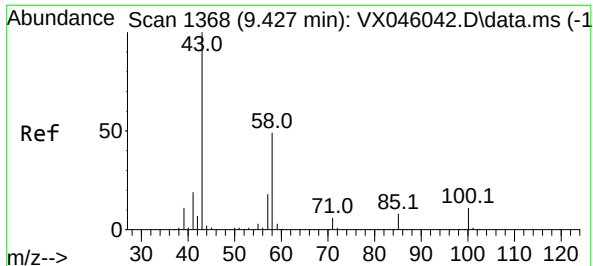
Tgt Ion: 69 Resp: 163
 Ion Ratio Lower Upper
 69 100
 41 7474.2 60.8 91.2#
 39 3463.8 39.0 58.6#



#57
 1,3-Dichloropropane
 Concen: 1.047 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

Tgt Ion: 76 Resp: 1538
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#

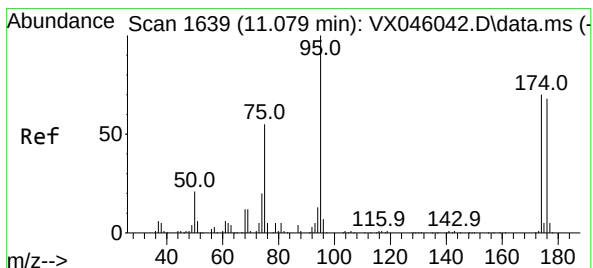
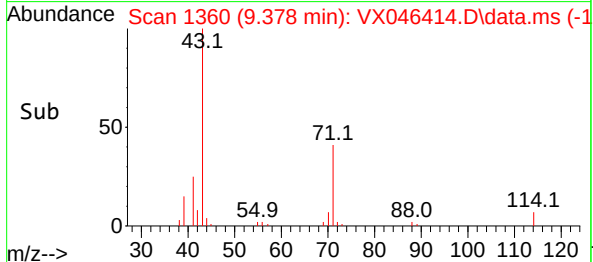
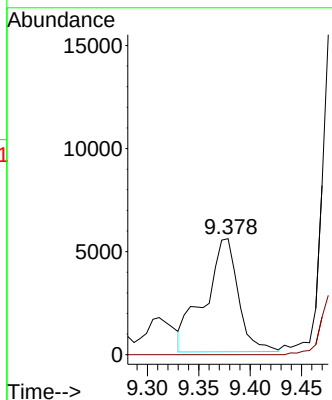
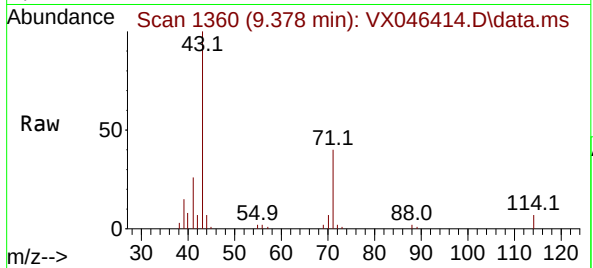




#59
2-Hexanone
Concen: 11.653 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

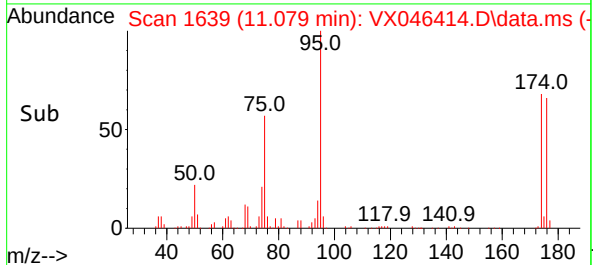
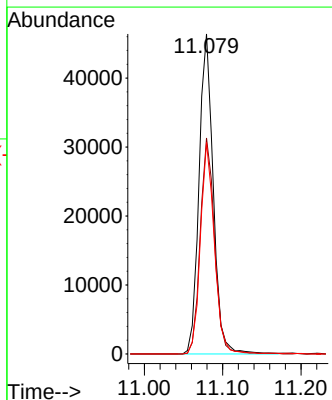
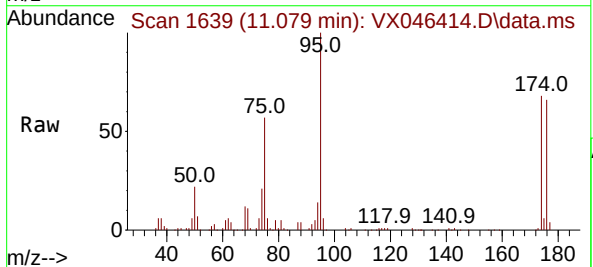
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

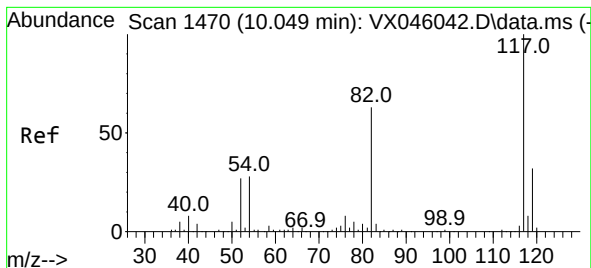
Tgt Ion: 43 Resp: 12454
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 95 Resp: 58549
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 64.7 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: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB168191TB

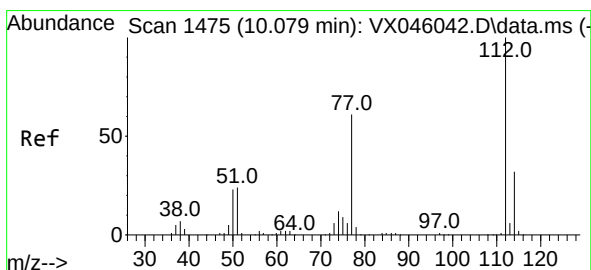
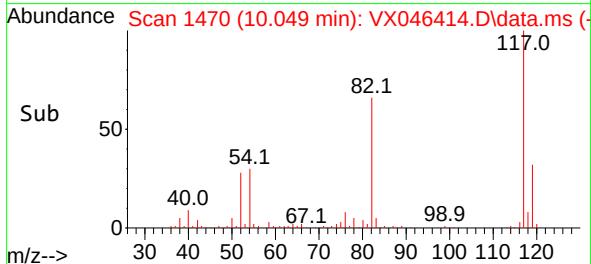
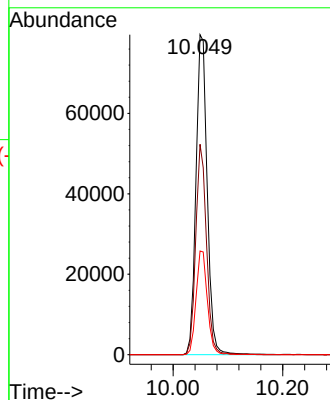
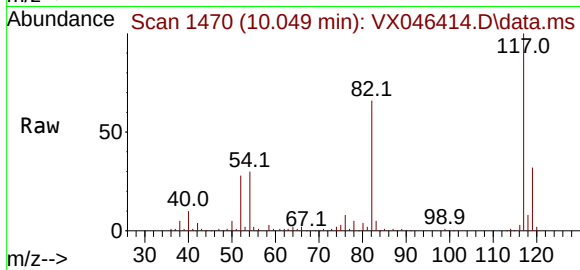
Tgt Ion:117 Resp: 113811

Ion Ratio Lower Upper

117 100

82 65.8 50.6 76.0

119 32.4 25.8 38.6



#65

Chlorobenzene

Concen: 0.071 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX046414.D

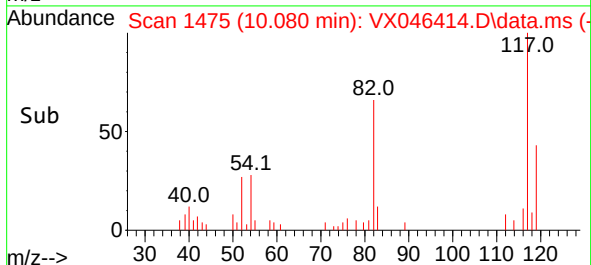
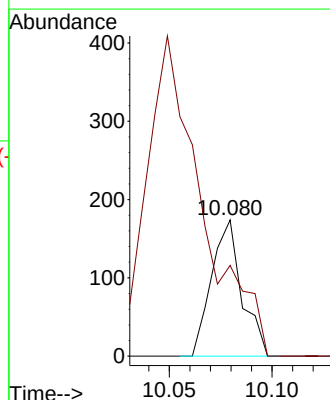
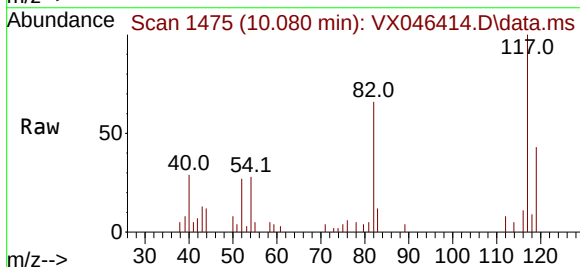
Acq: 30 May 2025 12:18

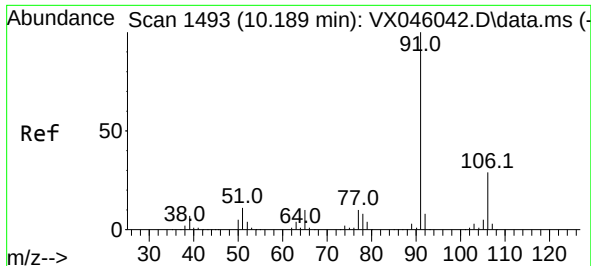
Tgt Ion:112 Resp: 178

Ion Ratio Lower Upper

112 100

114 66.7 25.4 38.2#





#67

Ethyl Benzene

Concen: 0.049 ug/l

RT: 10.208 min Scan# 1493

Delta R.T. 0.018 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

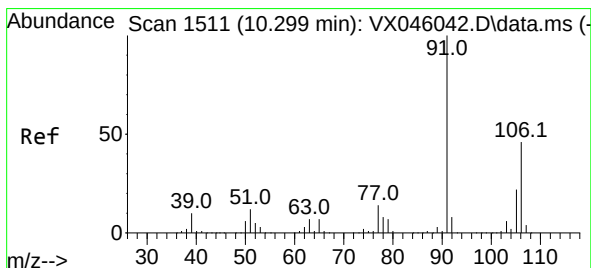
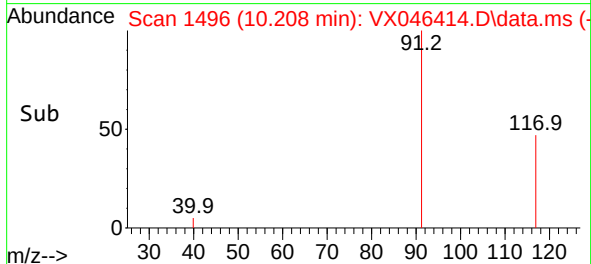
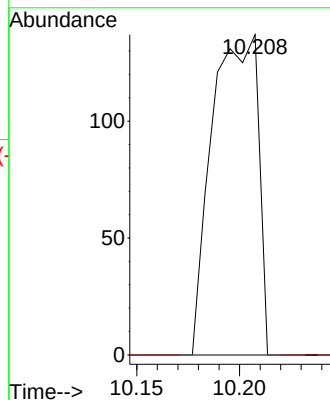
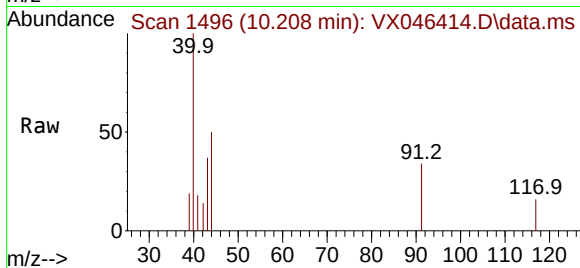
PB168191TB

Tgt Ion: 91 Resp: 213

Ion Ratio Lower Upper

91 100

106 0.0 23.4 35.2#



#68

m/p-Xylenes

Concen: 0.113 ug/l

RT: 10.317 min Scan# 1514

Delta R.T. 0.018 min

Lab File: VX046414.D

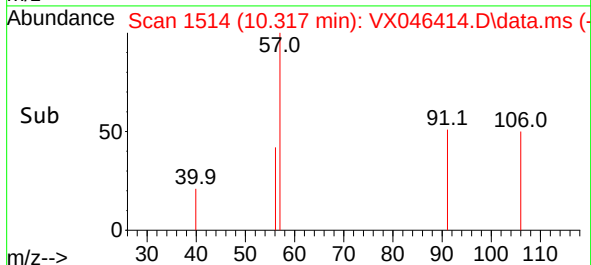
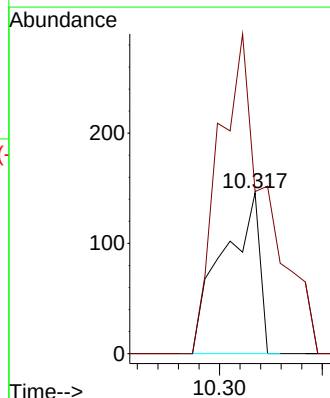
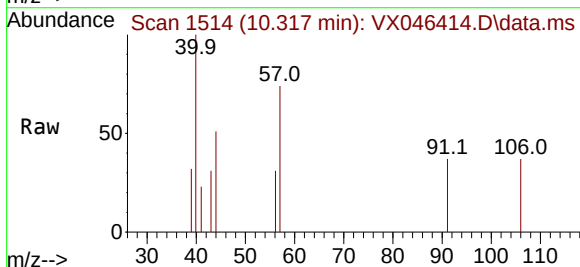
Acq: 30 May 2025 12:18

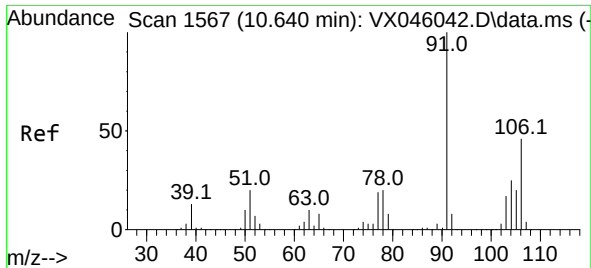
Tgt Ion: 106 Resp: 181

Ion Ratio Lower Upper

106 100

91 261.3 171.2 256.8#

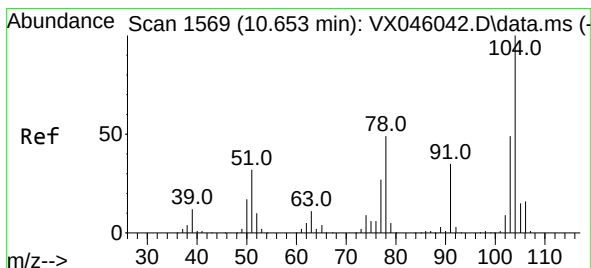
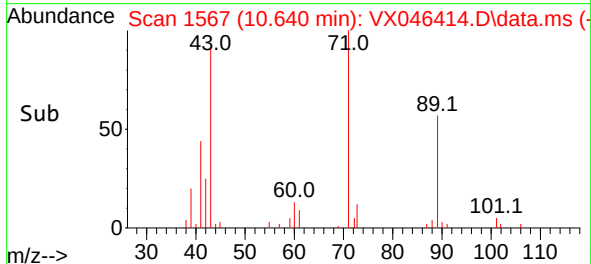
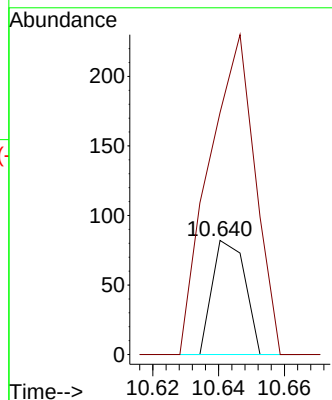
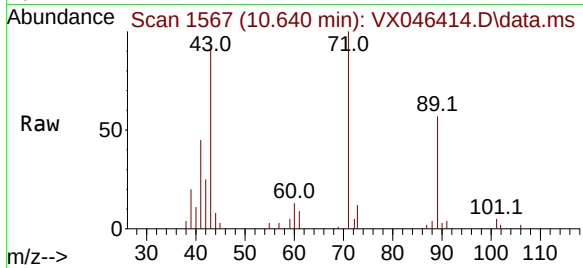




#69
o-Xylene
Concen: 0.036 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

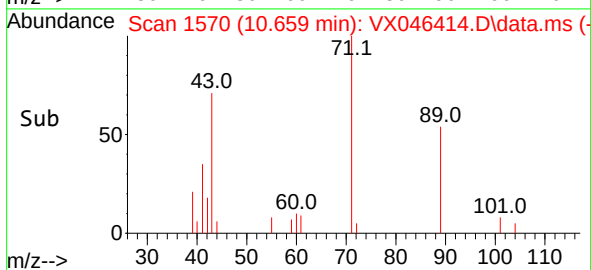
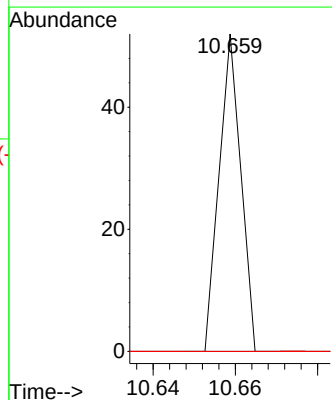
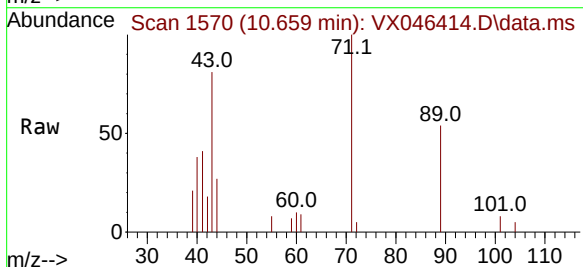
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

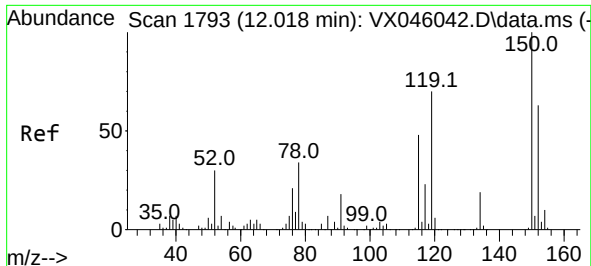
Tgt Ion:106 Resp: 57
Ion Ratio Lower Upper
106 100
91 393.0 112.7 338.1#



#70
Styrene
Concen: 0.007 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion:104 Resp: 19
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 43.7 65.5#

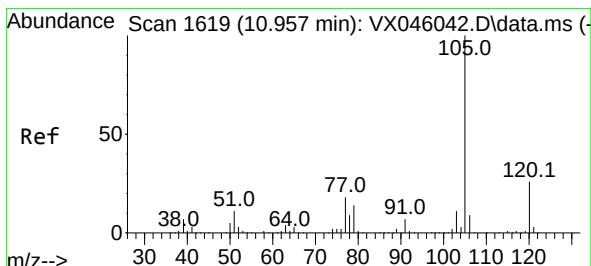
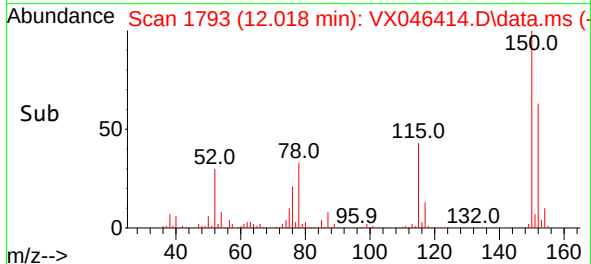
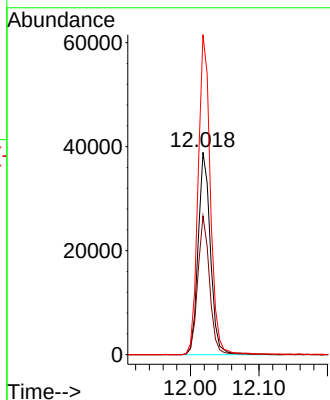
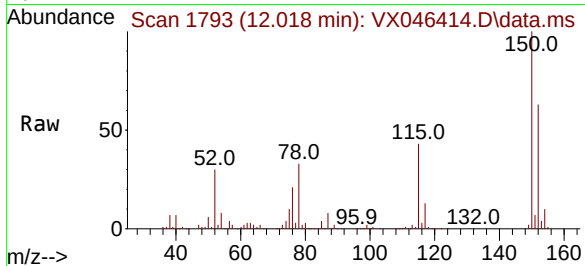




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

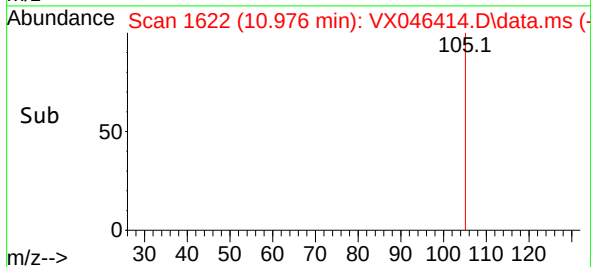
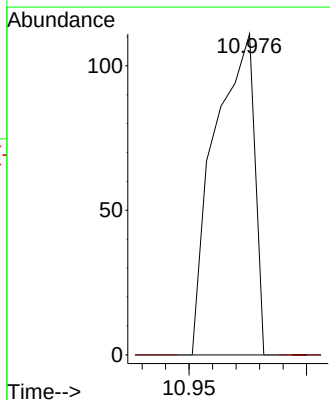
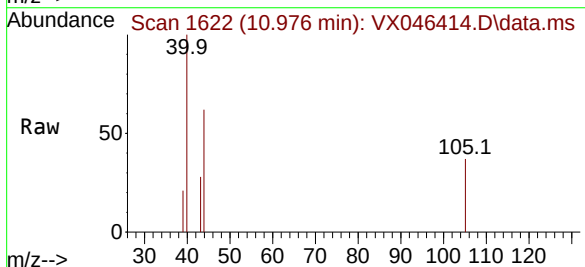
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

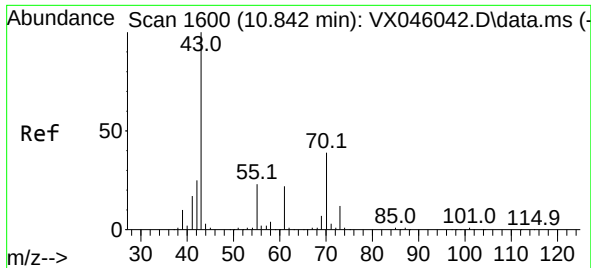
Tgt Ion:152 Resp: 48567
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 157.7 0.0 351.0



#73
 Isopropylbenzene
 Concen: 0.035 ug/l
 RT: 10.976 min Scan# 1622
 Delta R.T. 0.018 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

Tgt Ion:105 Resp: 131
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.8 38.4#

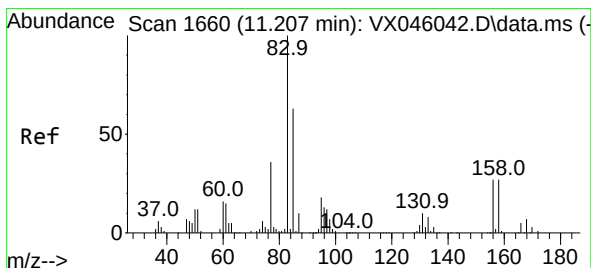
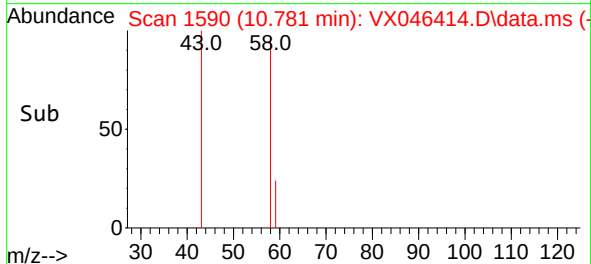
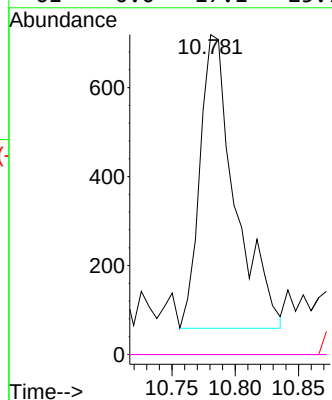
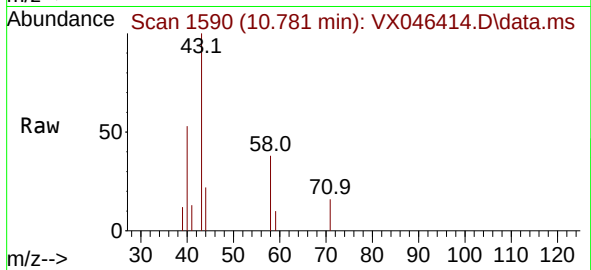




#74
N-amy1 acetate
Concen: 0.682 ug/l
RT: 10.781 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

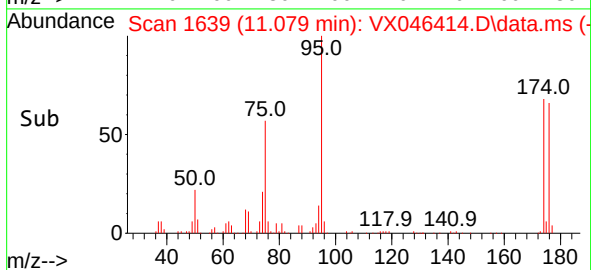
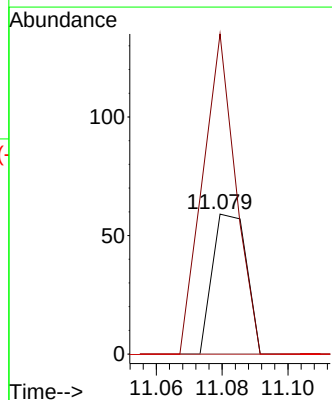
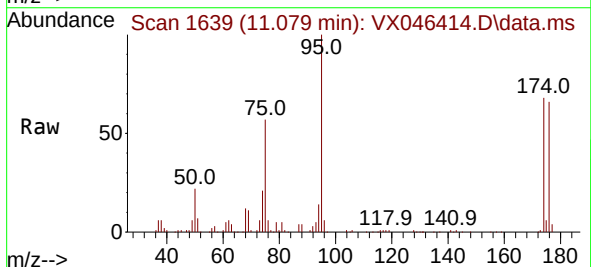
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

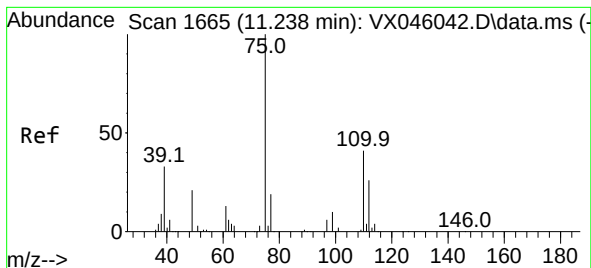
Tgt Ion: 43	Resp: 1274
Ion Ratio	Lower Upper
43 100	
70 0.0	30.9 46.3#
55 0.0	18.7 28.1#
61 0.0	17.1 25.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 83	Resp: 42
Ion Ratio	Lower Upper
83 100	
131 223.8	5.0 14.9#
85 0.0	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 28.990 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

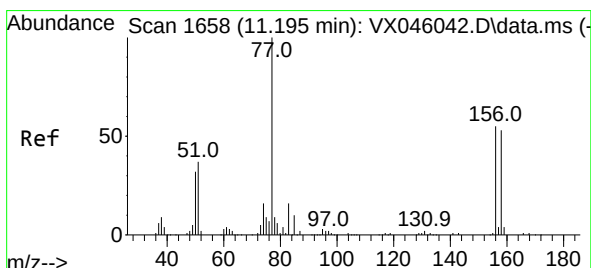
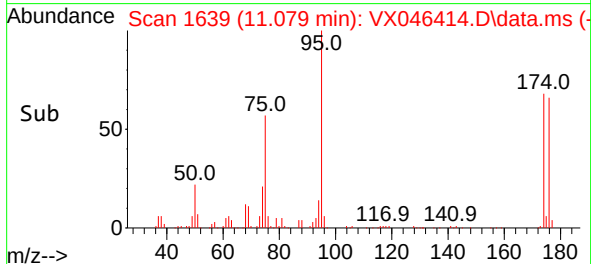
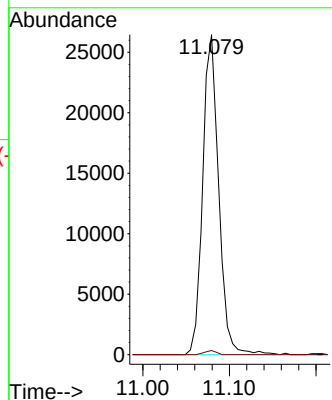
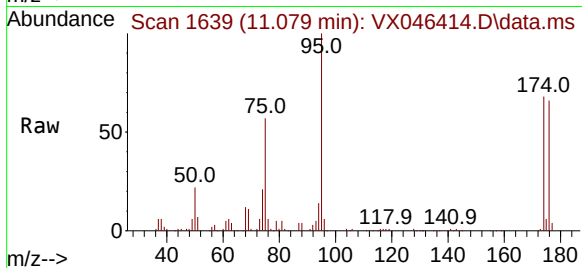
PB168191TB

Tgt Ion: 75 Resp: 33890

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#



#77

Bromobenzene

Concen: 0.028 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

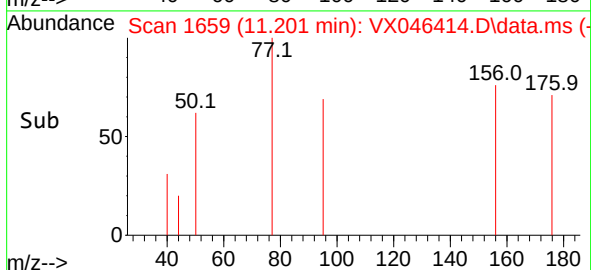
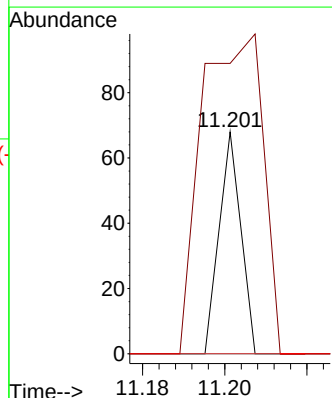
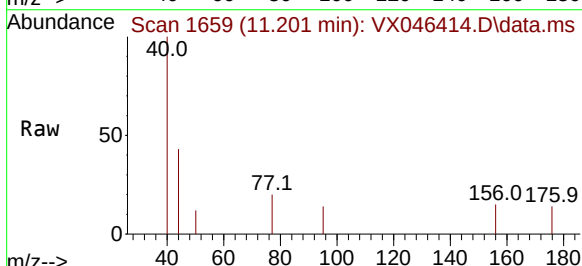
Tgt Ion:156 Resp: 25

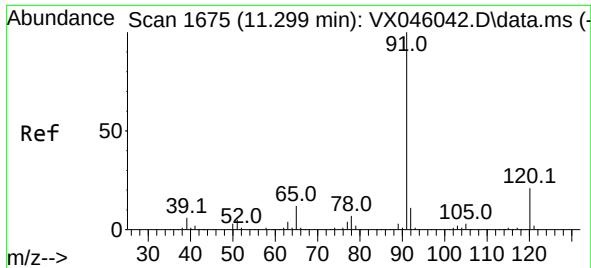
Ion Ratio Lower Upper

156 100

77 404.0 92.8 278.3#

158 0.0 48.8 146.3#

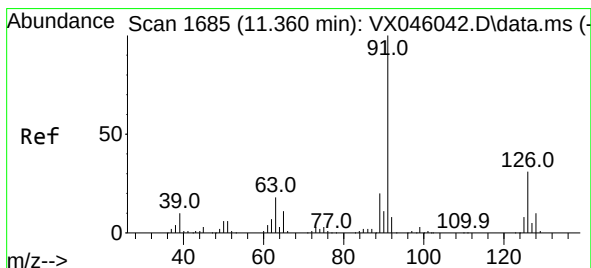
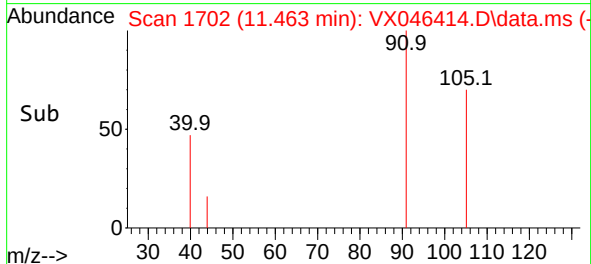
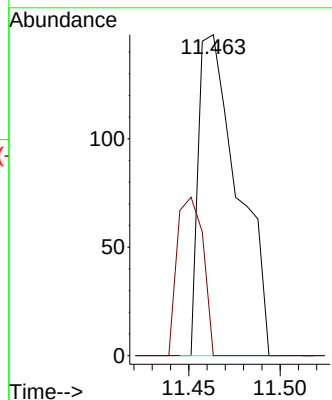
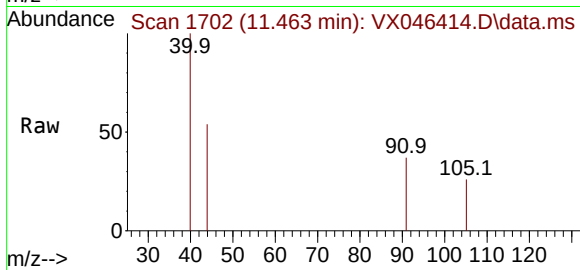




#78
n-propylbenzene
Concen: 0.051 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.165 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

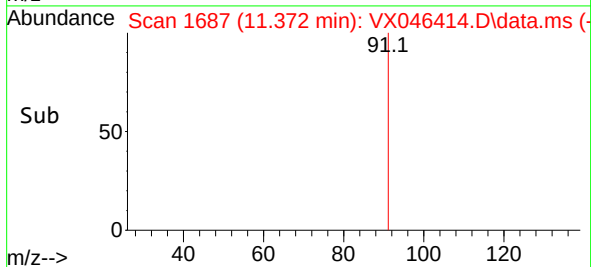
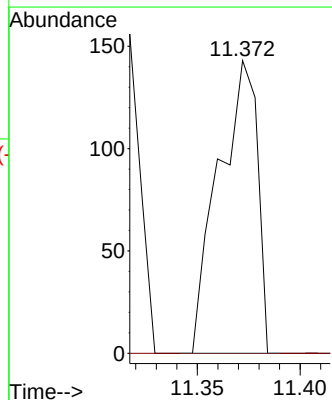
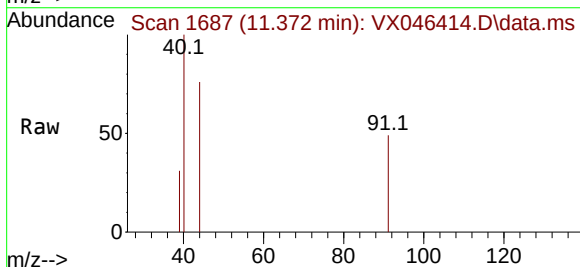
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

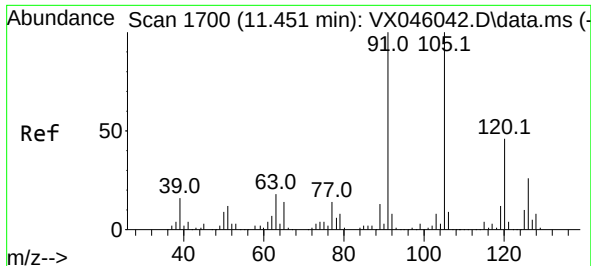
Tgt Ion: 91 Resp: 223
Ion Ratio Lower Upper
91 100
120 32.3 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.066 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.012 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 91 Resp: 188
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

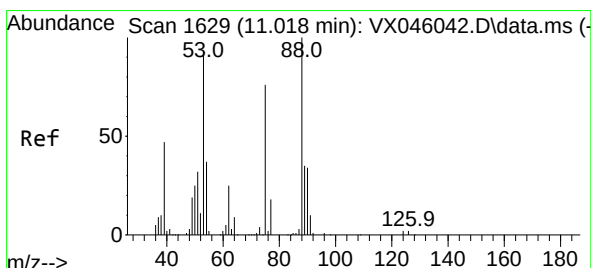
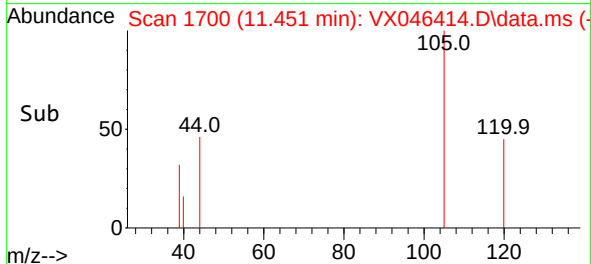
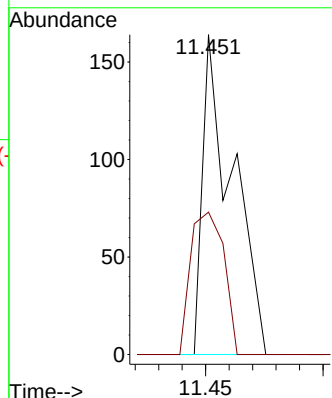
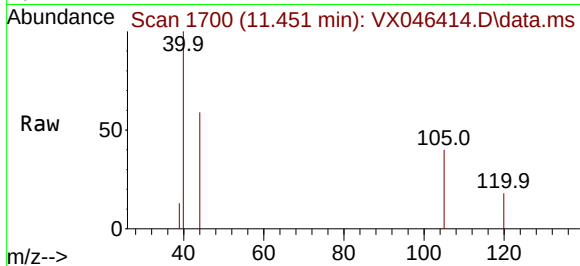




#80
1,3,5-Trimethylbenzene
Concen: 0.046 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

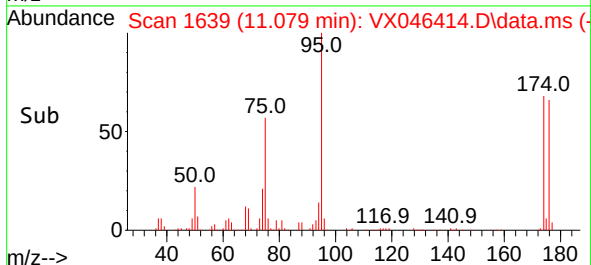
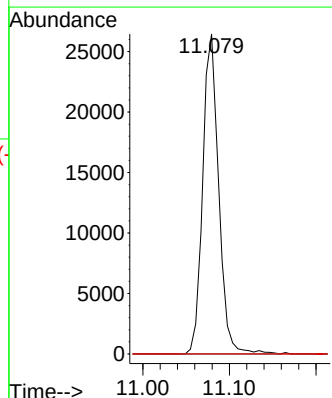
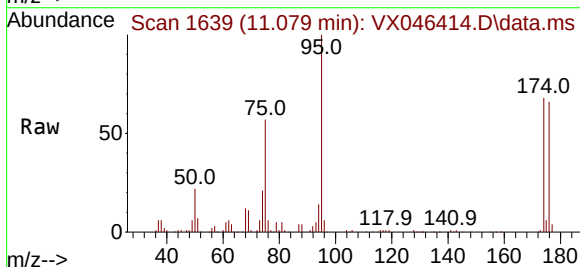
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

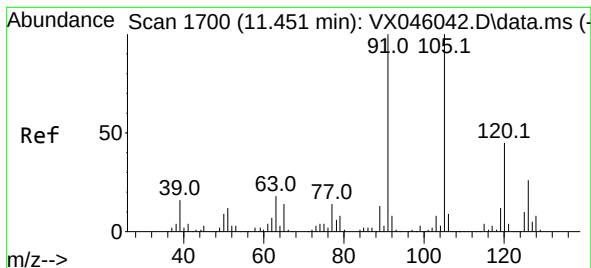
Tgt Ion:105 Resp: 145
Ion Ratio Lower Upper
105 100
120 49.7 23.1 69.2



#81
trans-1,4-Dichloro-2-butene
Concen: 94.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 75 Resp: 33890
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 0.071 ug/l

RT: 11.463 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

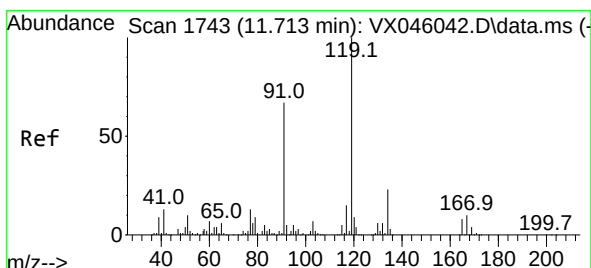
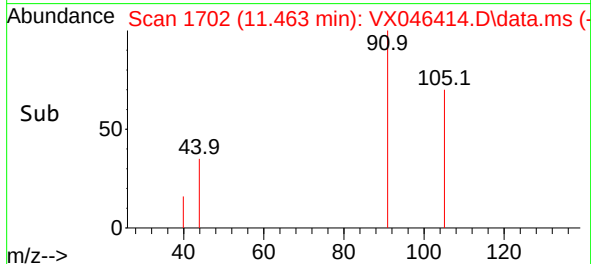
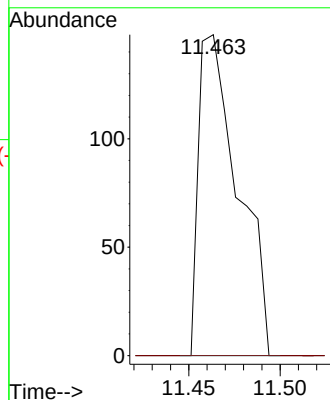
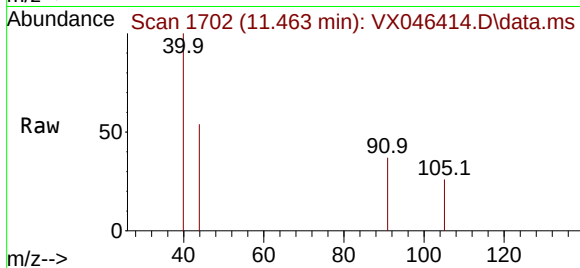
PB168191TB

Tgt Ion: 91 Resp: 223

Ion Ratio Lower Upper

91 100

126 0.0 13.3 39.8#



#83

tert-Butylbenzene

Concen: 0.031 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

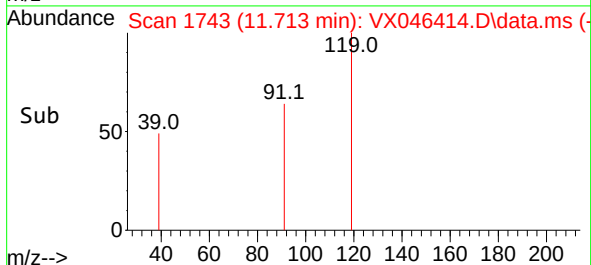
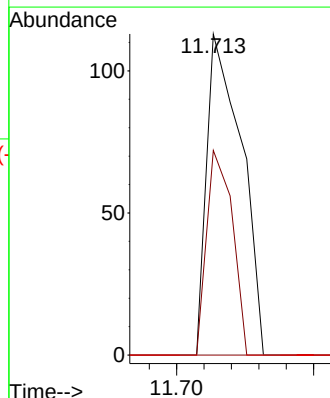
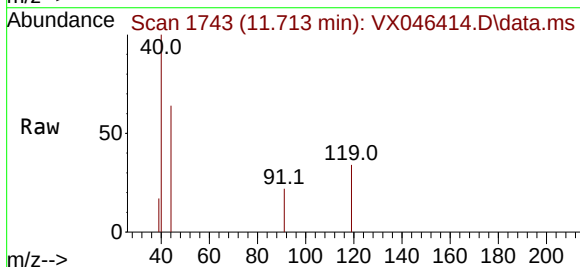
Tgt Ion: 119 Resp: 99

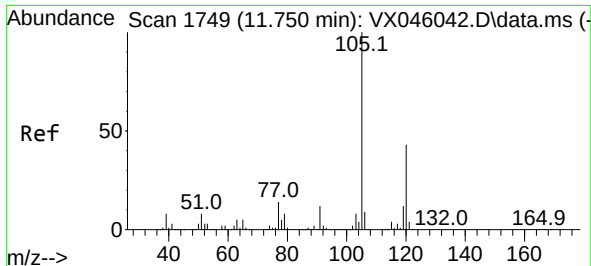
Ion Ratio Lower Upper

119 100

91 47.5 32.9 98.7

134 0.0 11.4 34.1#

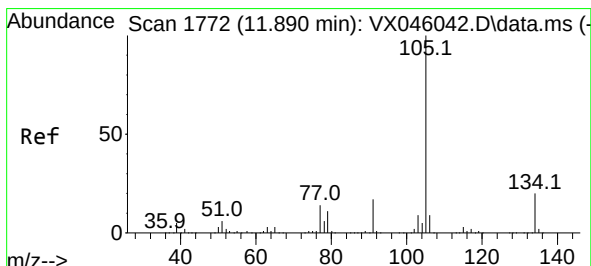
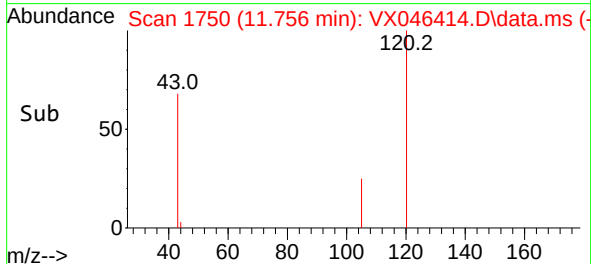
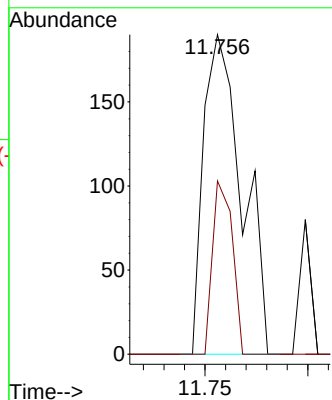
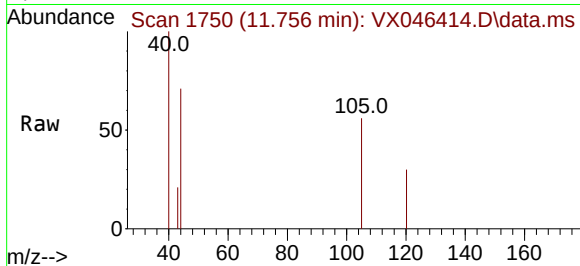




#84
1,2,4-Trimethylbenzene
Concen: 0.078 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

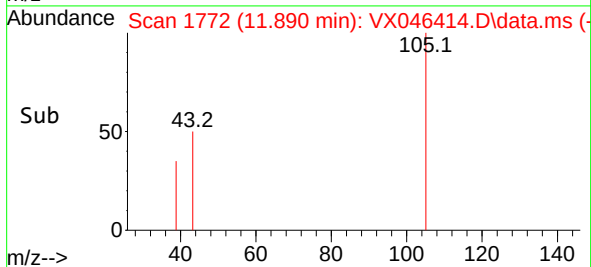
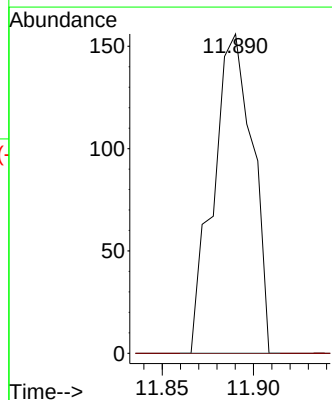
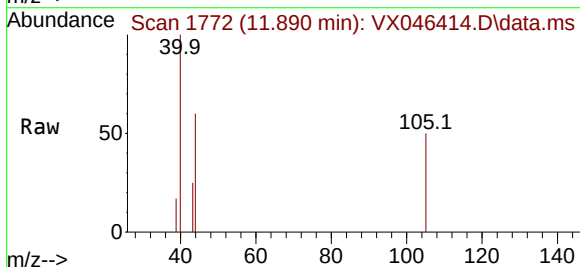
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

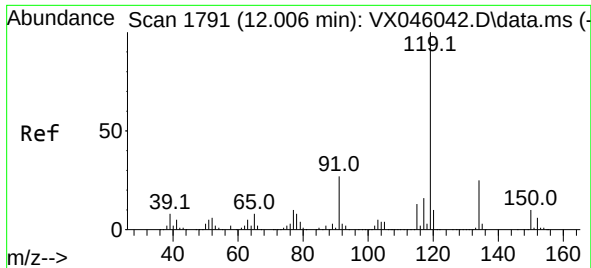
Tgt Ion:105 Resp: 248
Ion Ratio Lower Upper
105 100
120 27.8 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.060 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion:105 Resp: 233
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#

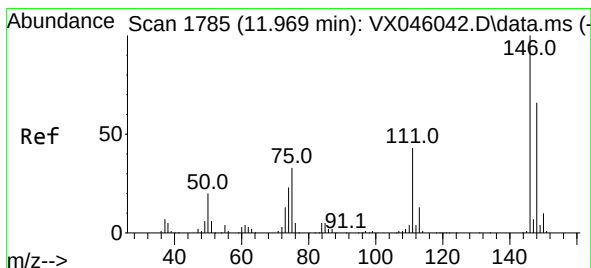
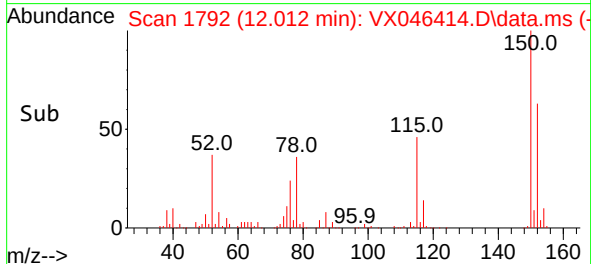
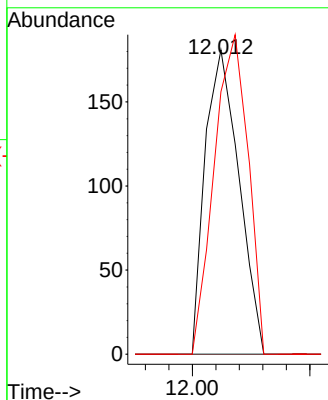
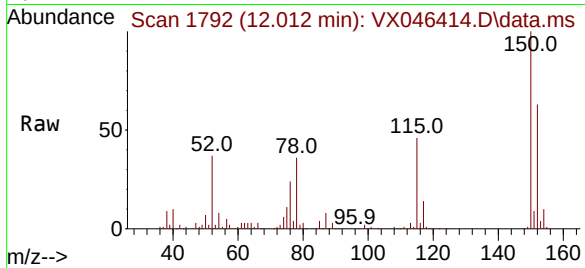




#86
p-Isopropyltoluene
Concen: 0.056 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

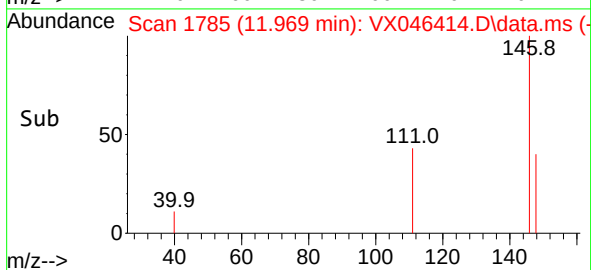
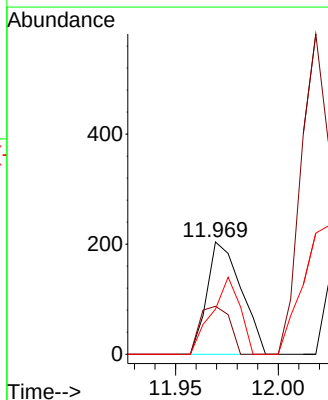
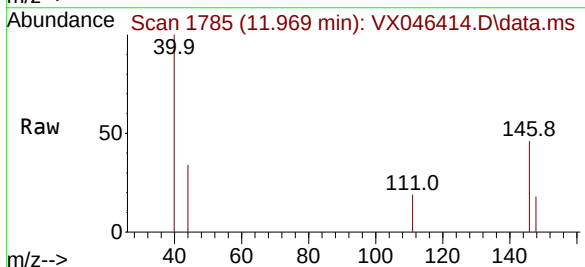
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

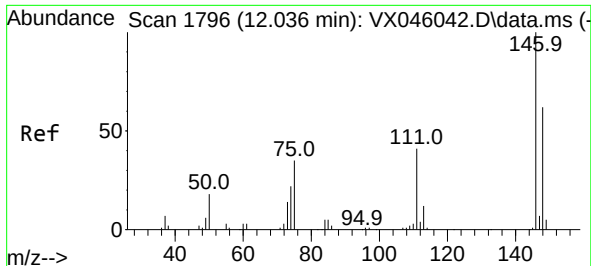
Tgt Ion:119 Resp: 180
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 106.1 13.8 41.4#



#87
1,3-Dichlorobenzene
Concen: 0.147 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion:146 Resp: 236
Ion Ratio Lower Upper
146 100
111 36.9 22.1 66.3
148 55.9 32.1 96.5

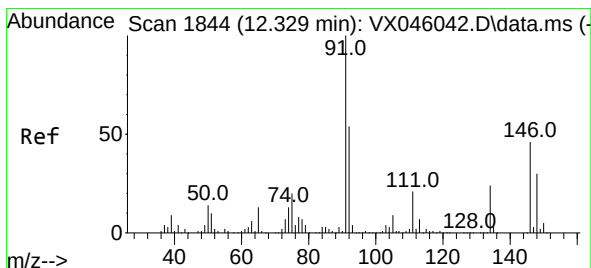
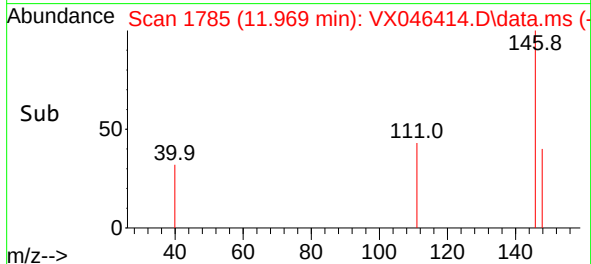
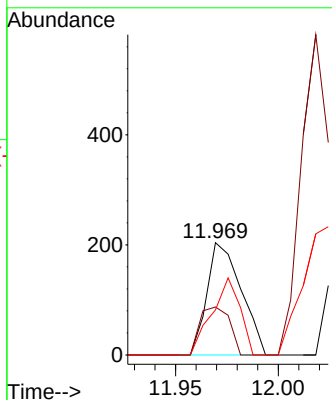
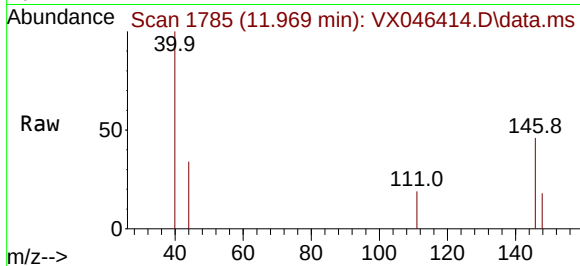




#88
1,4-Dichlorobenzene
Concen: 0.144 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

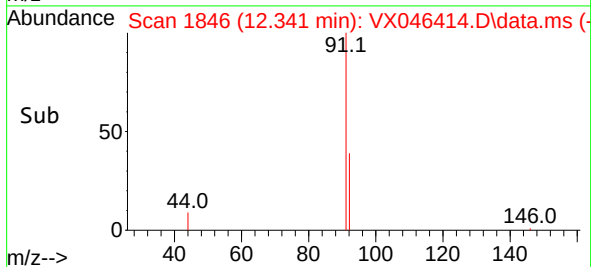
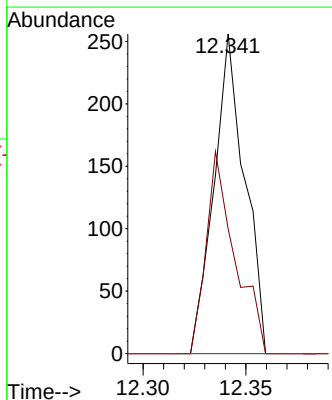
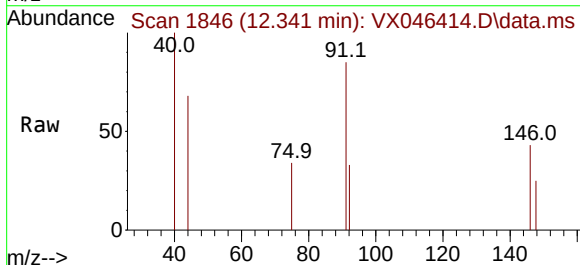
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

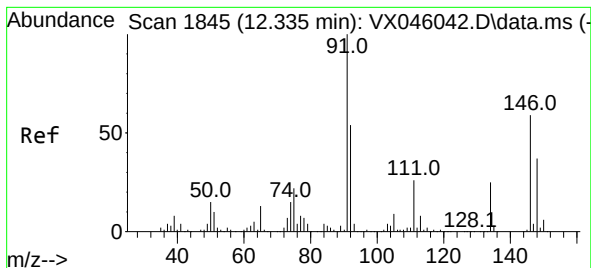
Tgt Ion:146 Resp: 236
Ion Ratio Lower Upper
146 100
111 36.9 21.3 63.9
148 55.9 31.9 95.5



#89
n-Butylbenzene
Concen: 0.094 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
92 59.4 26.9 80.7
134 0.0 11.8 35.3#

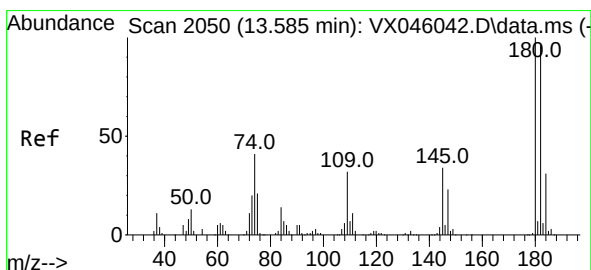
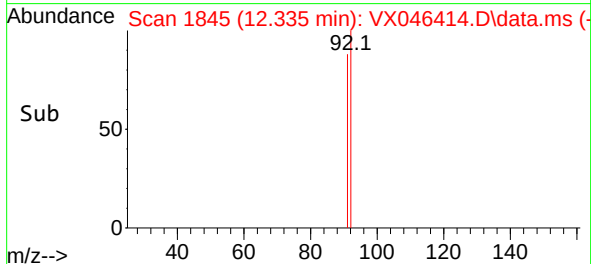
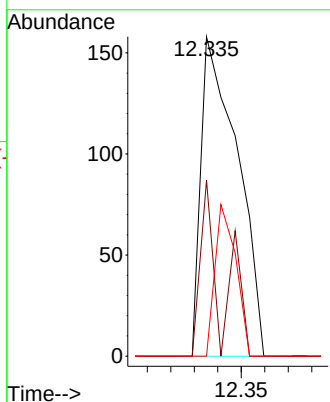
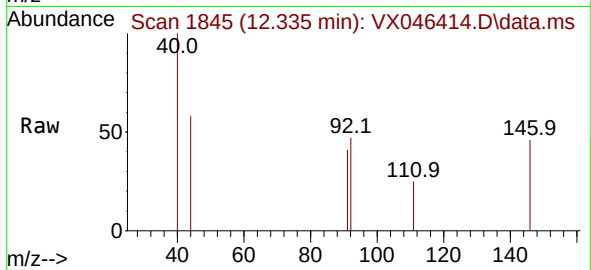




#91
 1,2-Dichlorobenzene
 Concen: 0.106 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

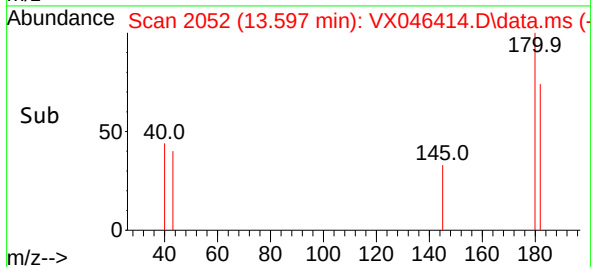
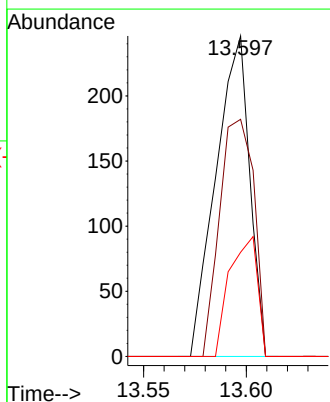
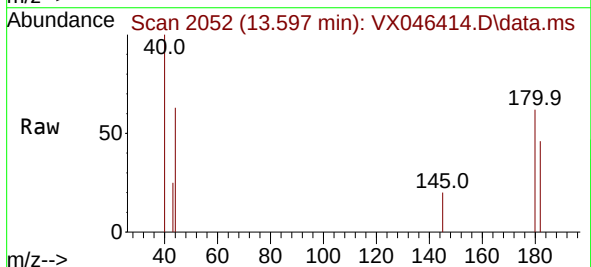
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

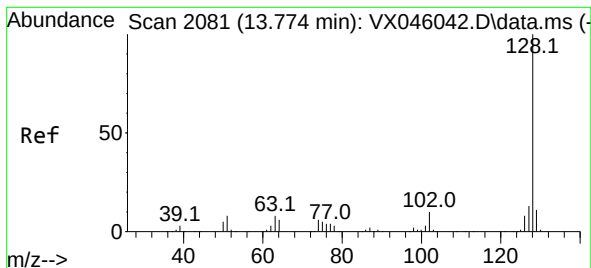
Tgt Ion:146 Resp: 170
 Ion Ratio Lower Upper
 146 100
 111 31.8 22.4 67.3
 148 27.1 31.6 94.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.304 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

Tgt Ion:180 Resp: 281
 Ion Ratio Lower Upper
 180 100
 182 75.4 47.9 143.8
 145 31.0 17.1 51.2





#95

Naphthalene

Concen: 0.571 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB168191TB

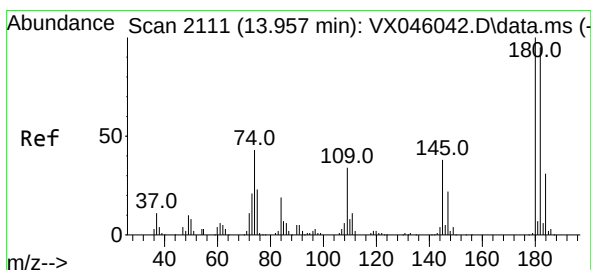
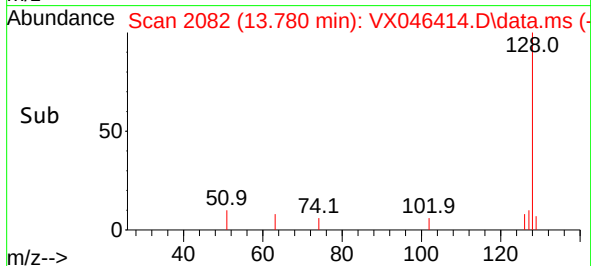
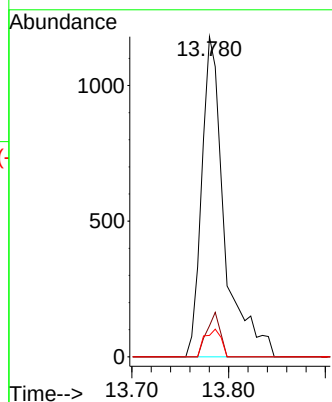
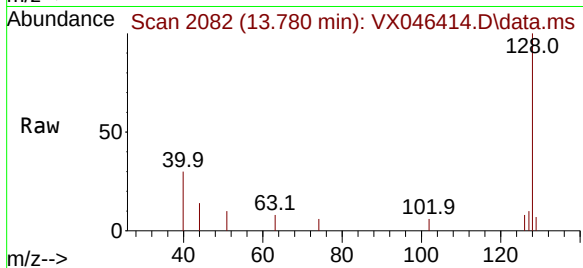
Tgt Ion:128 Resp: 1933

Ion Ratio Lower Upper

128 100

127 8.1 10.4 15.6#

129 6.2 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.287 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046414.D

Acq: 30 May 2025 12:18

Tgt Ion:180 Resp: 273

Ion Ratio Lower Upper

180 100

182 109.5 47.8 143.3

145 20.1 18.1 54.3

