

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046374.D
 Acq On : 28 May 2025 10:36
 Operator : JC/MD
 Sample : VX0528MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528MBL01

Quant Time: May 29 03:31:44 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	59752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	117746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60392	54.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.420%			
35) Dibromofluoromethane	5.379	113	44898	52.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.900%			
50) Toluene-d8	8.647	98	149500	50.943	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	11.079	95	58682	52.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.260%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	124	0.140	ug/l #	43
4) Vinyl Chloride	1.368	62	71	0.086	ug/l #	43
5) Bromomethane	1.599	94	159	0.415	ug/l	100
6) Chloroethane	1.599	64	22	0.050	ug/l #	44
10) Methyl Iodide	2.465	142	103	0.115	ug/l #	34
11) Tert butyl alcohol	2.965	59	44	0.281	ug/l #	72
13) Acrolein	2.239	56	98	0.550	ug/l #	25
14) Allyl chloride	2.660	41	68	0.050	ug/l #	26
15) Acrylonitrile	3.075	53	293	0.655	ug/l #	37
16) Acetone	2.380	43	398	0.891	ug/l #	48
17) Carbon Disulfide	2.508	76	813	0.484	ug/l #	76
18) Methyl Acetate	2.709	43	191	0.184	ug/l #	55
20) Methylene Chloride	2.788	84	222	0.259	ug/l #	58
21) trans-1,2-Dichloroethene	3.087	96	98	0.138	ug/l #	58
23) Vinyl Acetate	3.794	43	26	0.011	ug/l #	74
29) Tetrahydrofuran	5.056	42	24	0.059	ug/l #	35
31) Cyclohexane	5.538	56	1772	1.335	ug/l #	5
36) 1,1-Dichloropropene	5.538	75	6353	5.577	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7119	5.562	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	121	0.085	ug/l #	39
59) 2-Hexanone	9.488	43	111	0.105	ug/l #	28
65) Chlorobenzene	10.073	112	174	0.069	ug/l #	43
67) Ethyl Benzene	10.208	91	131	0.030	ug/l #	45
68) m/p-Xylenes	10.305	106	49	0.030	ug/l #	1
73) Isopropylbenzene	10.964	105	109	0.028	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	33939	27.929	ug/l #	36
77) Bromobenzene	11.207	156	21	0.023	ug/l #	1
78) n-propylbenzene	11.317	91	213	0.047	ug/l #	54
79) 2-Chlorotoluene	11.372	91	191	0.065	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	168	0.051	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.079	75	33939	90.927	ug/l #	1
82) 4-Chlorotoluene	11.463	91	296	0.091	ug/l #	48
83) tert-Butylbenzene	11.713	119	253	0.076	ug/l #	73
84) 1,2,4-Trimethylbenzene	11.762	105	163	0.049	ug/l #	33
85) sec-Butylbenzene	11.890	105	356	0.088	ug/l #	71
86) p-Isopropyltoluene	12.018	119	226	0.067	ug/l #	17

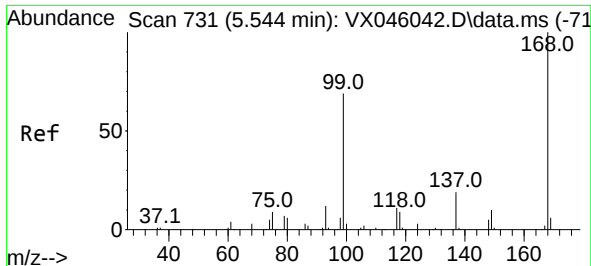
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Data File : VX046374.D
Acq On : 28 May 2025 10:36
Operator : JC/MD
Sample : VX0528MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: May 29 03:31:44 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

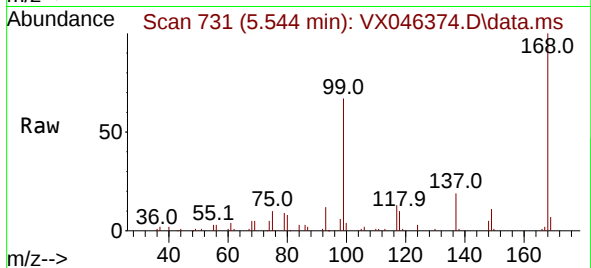
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.976	146	203	0.122	ug/l	75
88) 1,4-Dichlorobenzene	11.976	146	203	0.119	ug/l	76
89) n-Butylbenzene	12.347	91	411	0.140	ug/l #	60
91) 1,2-Dichlorobenzene	12.335	146	178	0.107	ug/l	72
93) 1,2,4-Trichlorobenzene	13.597	180	394	0.410	ug/l	91
94) Hexachlorobutadiene	13.731	225	65	0.155	ug/l #	39
95) Naphthalene	13.780	128	2384	0.677	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	593	0.599	ug/l	95

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

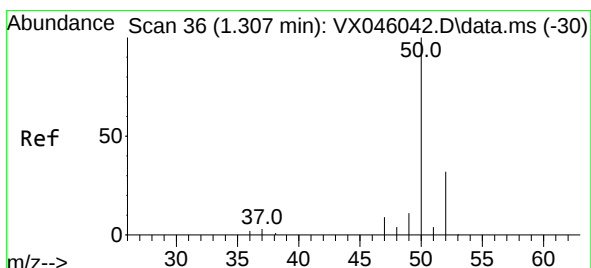
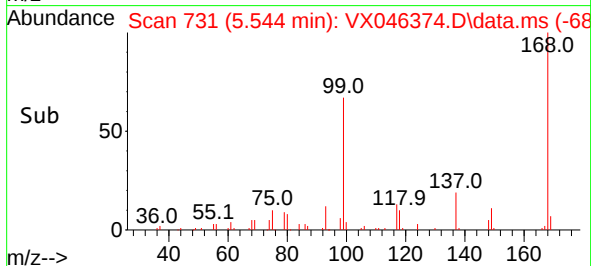
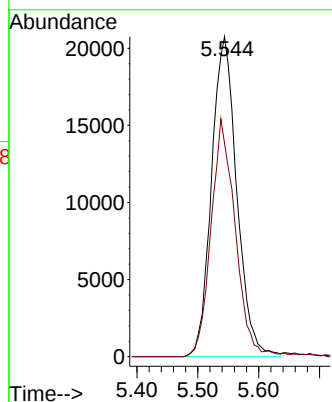


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

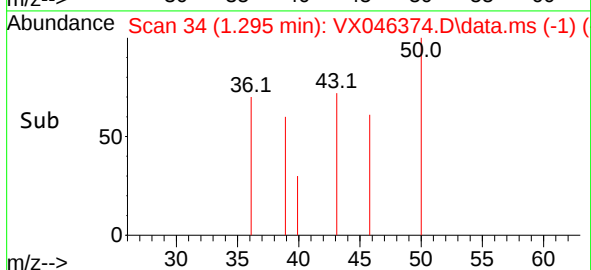
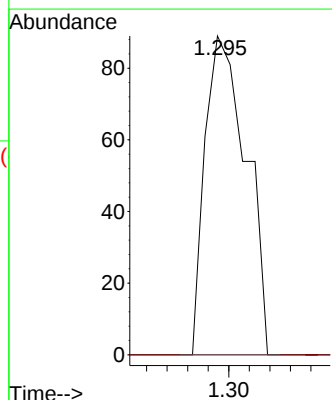
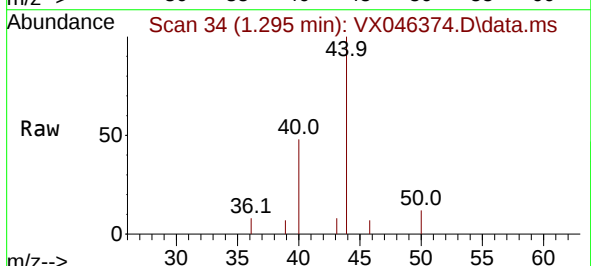


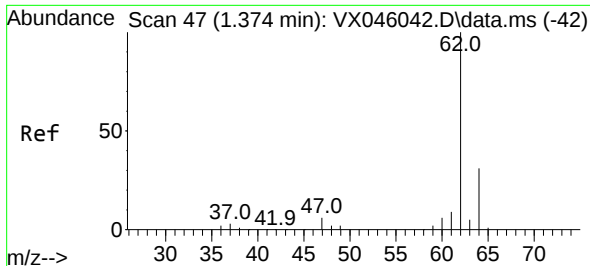
Tgt Ion:168 Resp: 59752
Ion Ratio Lower Upper
168 100
99 66.7 54.9 82.3



#3
Chloromethane
Concen: 0.140 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 50 Resp: 124
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

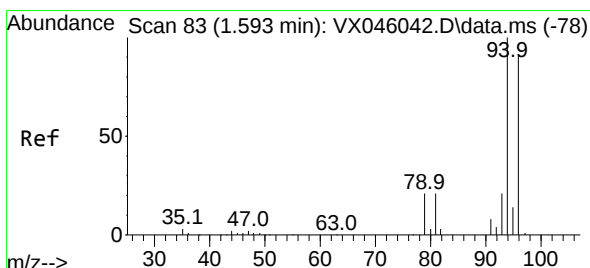
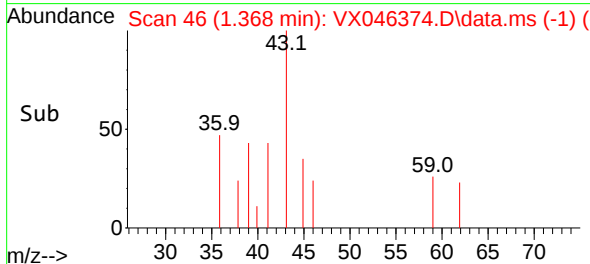
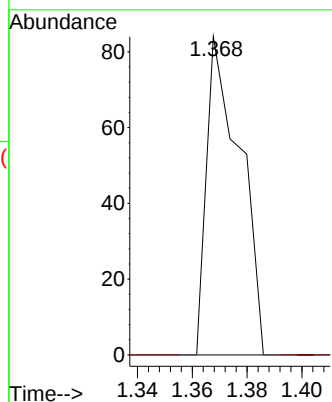
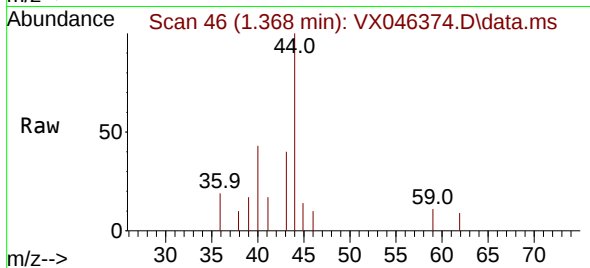




#4
 Vinyl Chloride
 Concen: 0.086 ug/l
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046374.D
 Acq: 28 May 2025 10:36

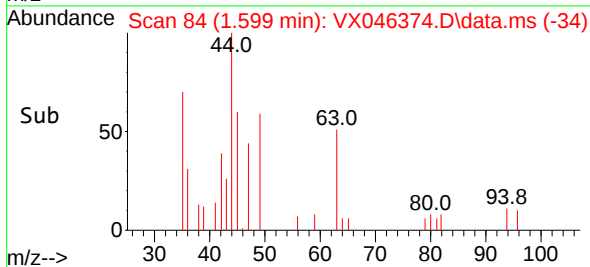
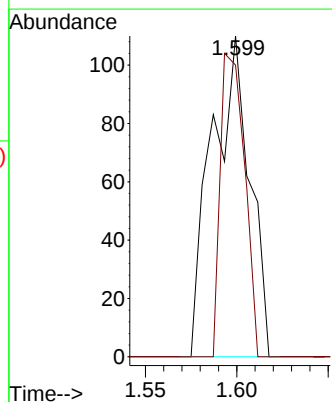
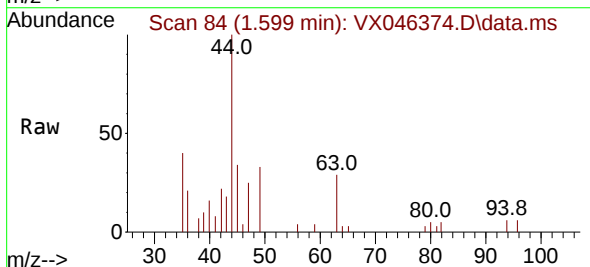
Instrument :
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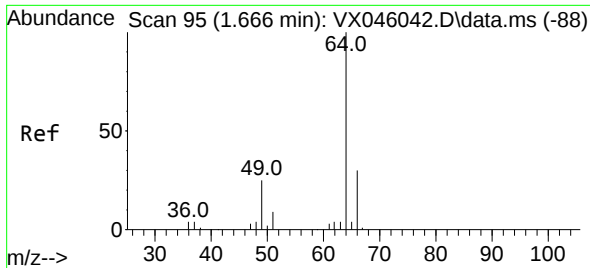
Tgt Ion: 62 Resp: 71
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.415 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX046374.D
 Acq: 28 May 2025 10:36

Tgt Ion: 94 Resp: 159
 Ion Ratio Lower Upper
 94 100
 96 90.9 72.8 109.2

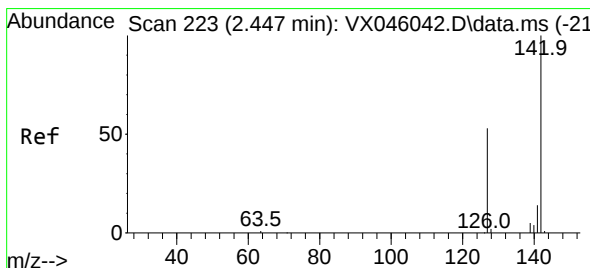
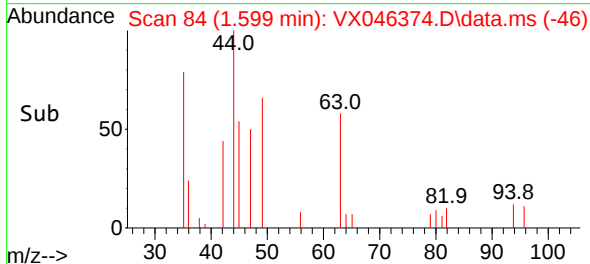
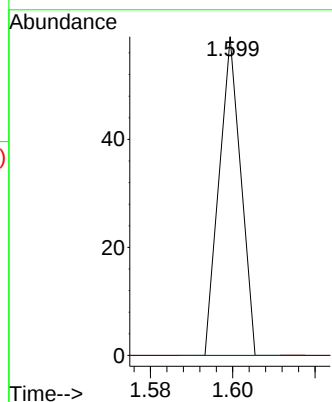
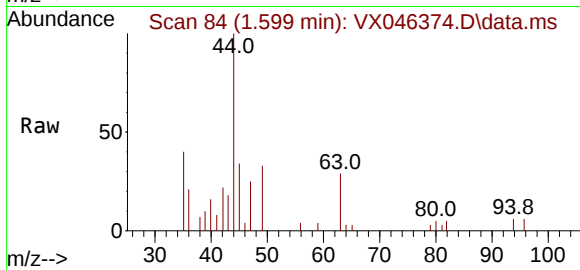




#6
Chloroethane
Concen: 0.050 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.067 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

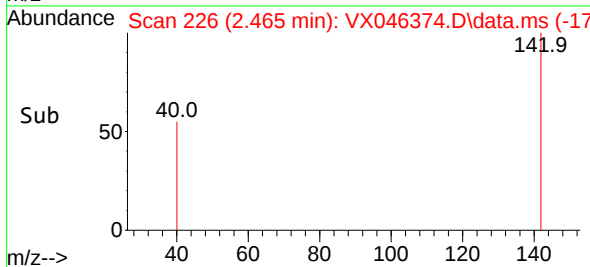
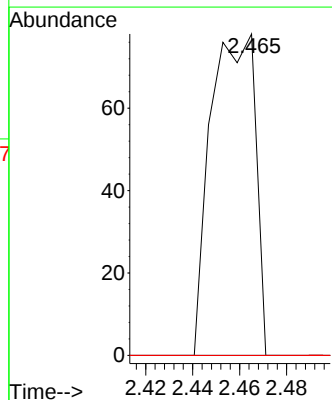
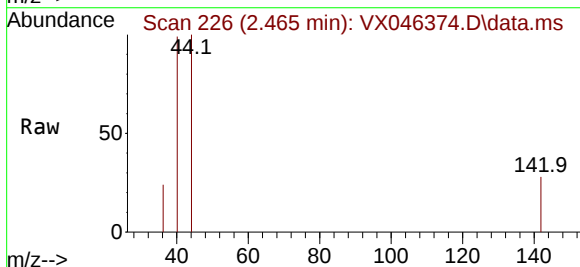
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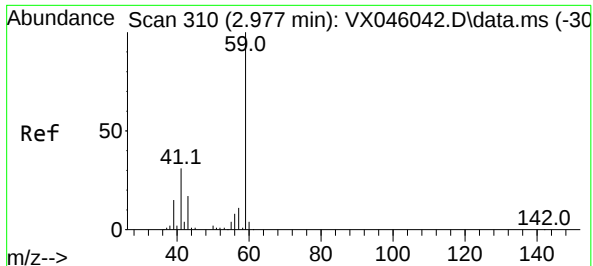
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#10
Methyl Iodide
Concen: 0.115 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.018 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 142 Resp: 103
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: 0.281 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

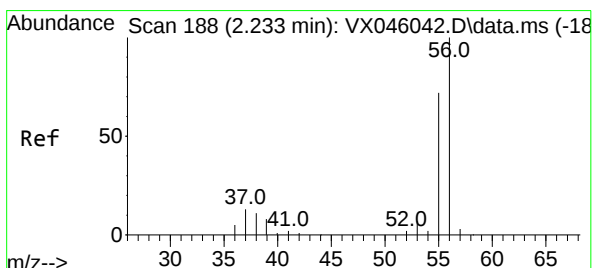
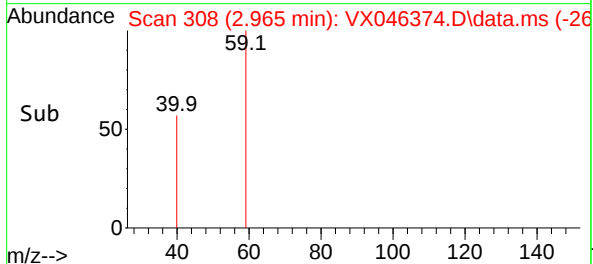
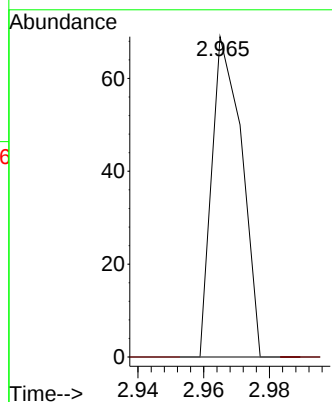
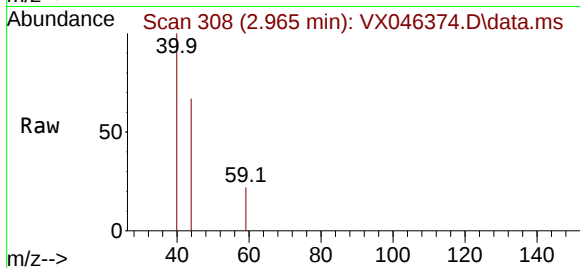
VX0528MBL01

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.550 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX046374.D

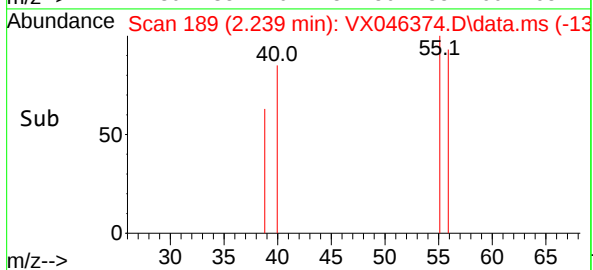
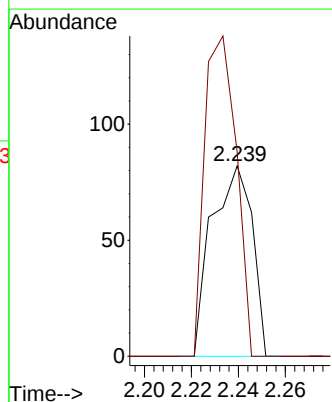
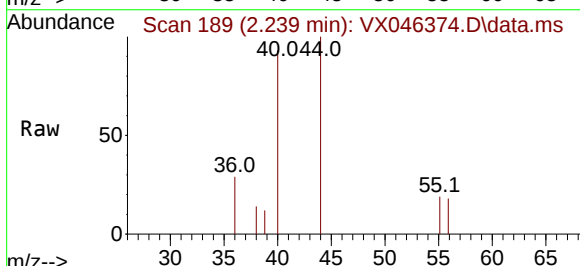
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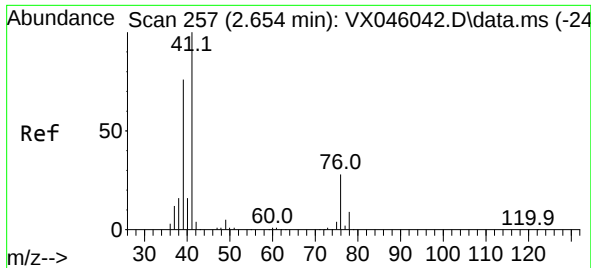
Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 131.6 56.2 84.4#

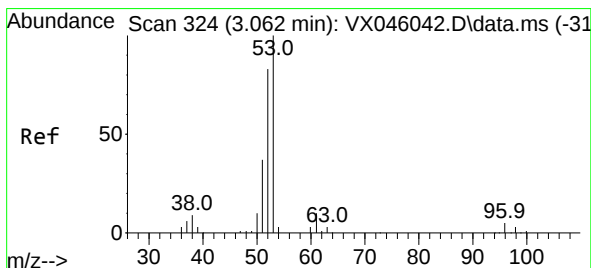
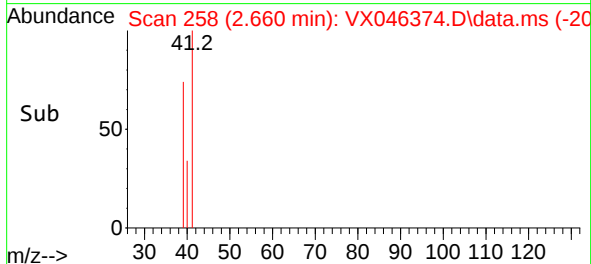
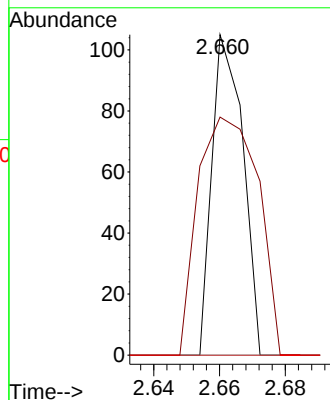
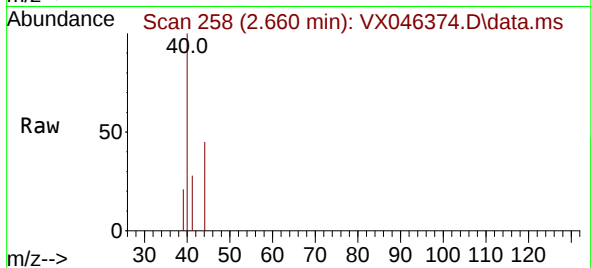




#14
 Allyl chloride
 Concen: 0.050 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX046374.D
 Acq: 28 May 2025 10:36

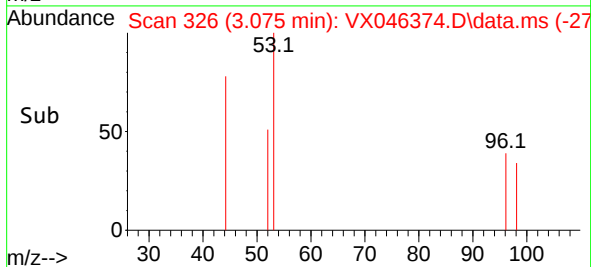
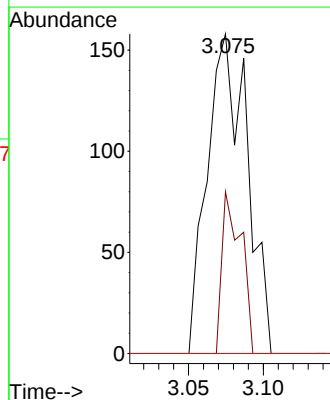
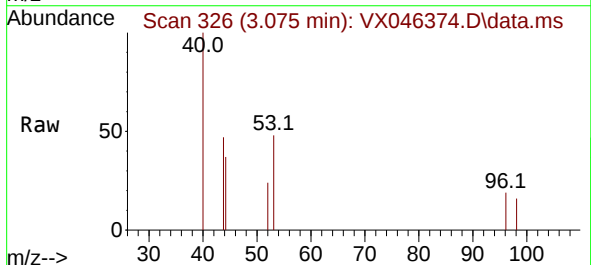
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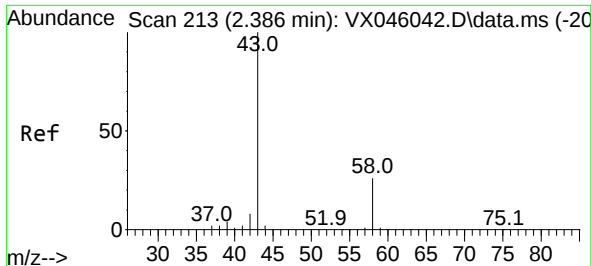
Tgt Ion: 41 Resp: 68
 Ion Ratio Lower Upper
 41 100
 39 145.6 60.6 90.8#
 76 0.0 24.9 37.3#



#15
 Acrylonitrile
 Concen: 0.655 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.012 min
 Lab File: VX046374.D
 Acq: 28 May 2025 10:36

Tgt Ion: 53 Resp: 293
 Ion Ratio Lower Upper
 53 100
 52 24.6 65.3 97.9#
 51 0.0 29.8 44.8#

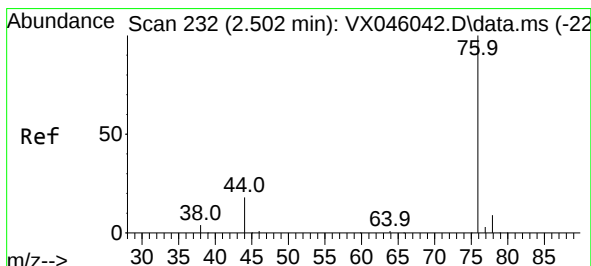
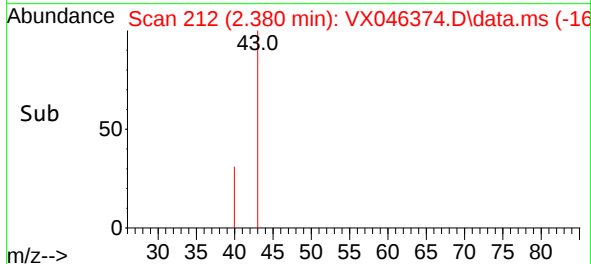
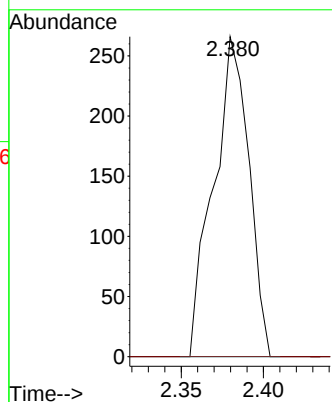
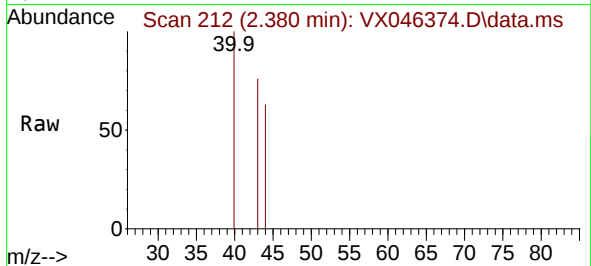




#16
Acetone
Concen: 0.891 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

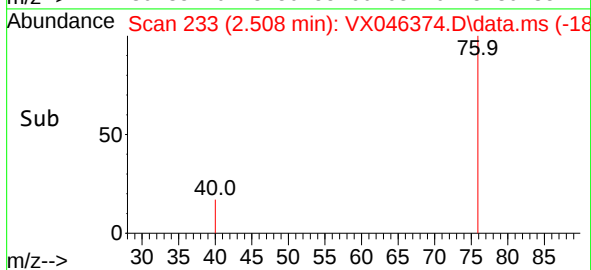
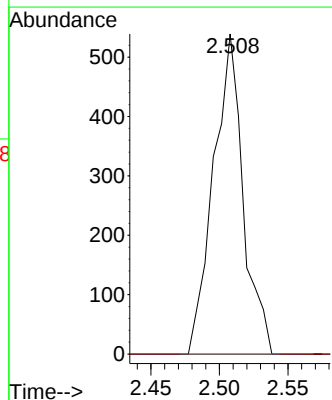
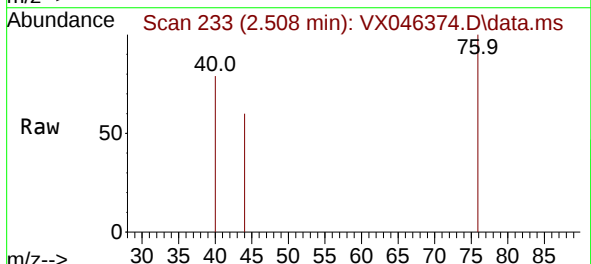
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

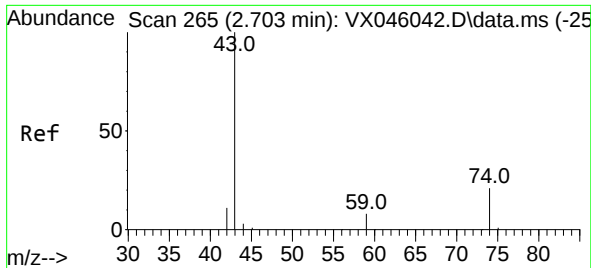
Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.484 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 76 Resp: 813
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

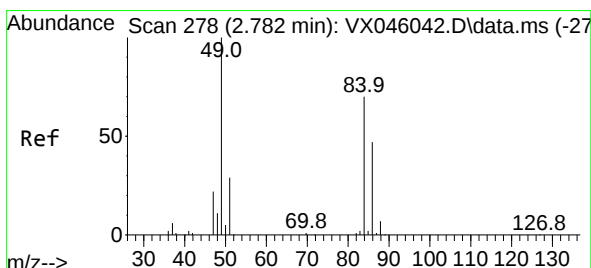
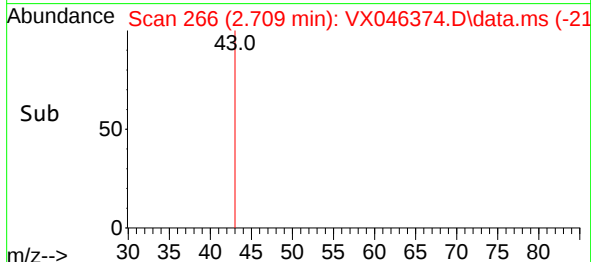
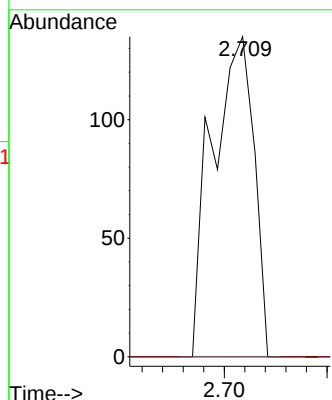
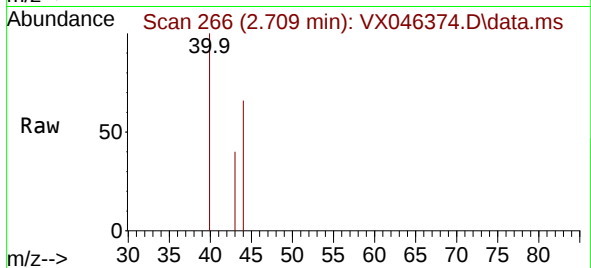




#18
Methyl Acetate
Concen: 0.184 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

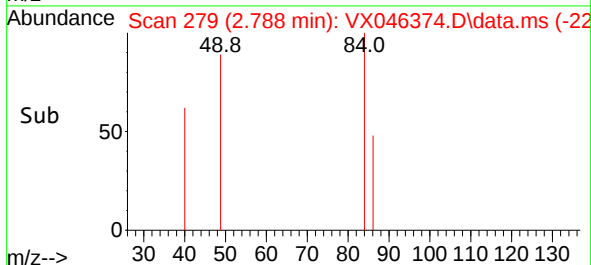
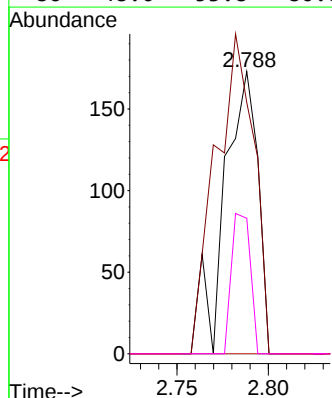
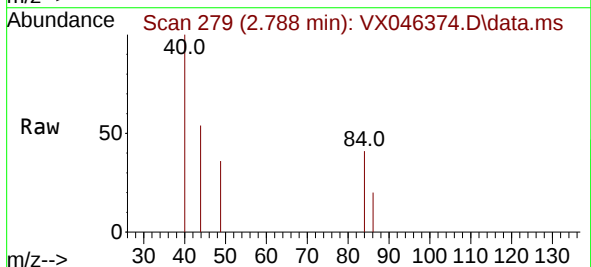
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

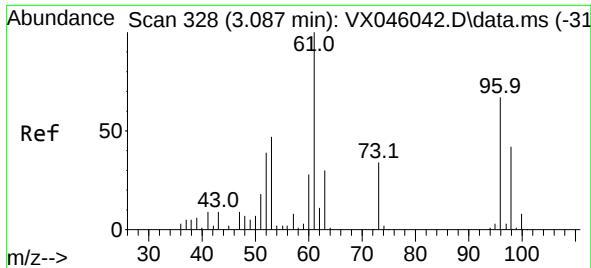
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 84 Resp: 222
Ion Ratio Lower Upper
84 100
49 89.0 113.9 170.9#
51 0.0 33.5 50.3#
86 48.0 53.8 80.8#

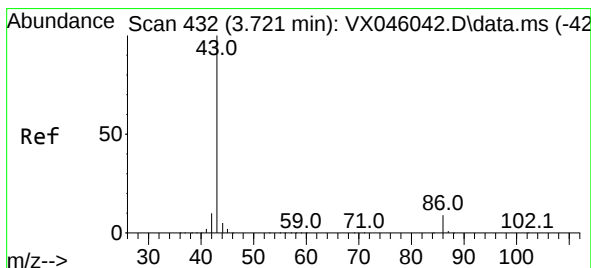
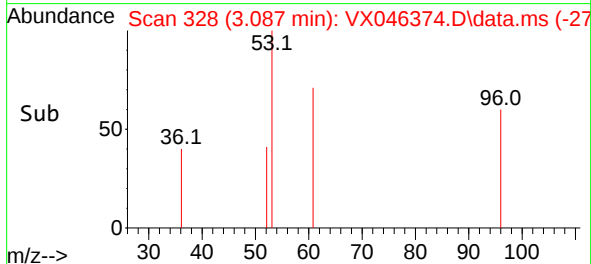
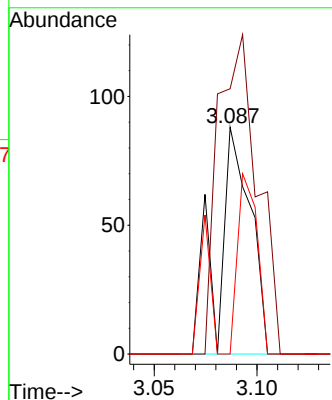
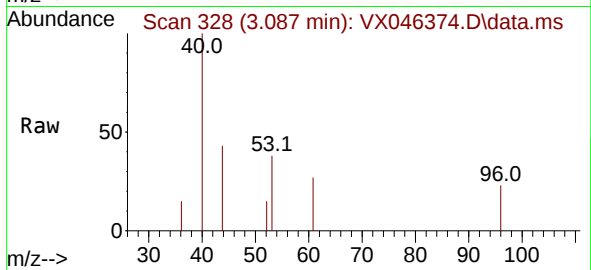




#21
trans-1,2-Dichloroethene
Concen: 0.138 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

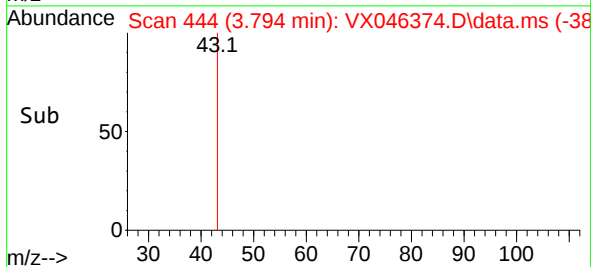
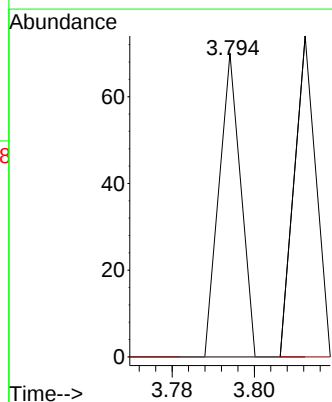
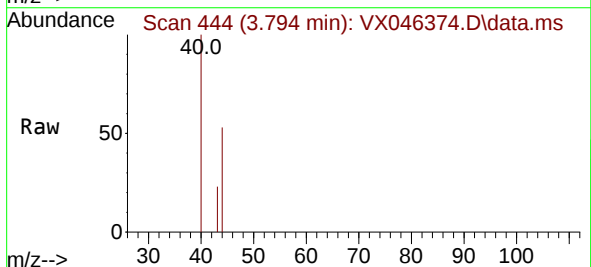
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

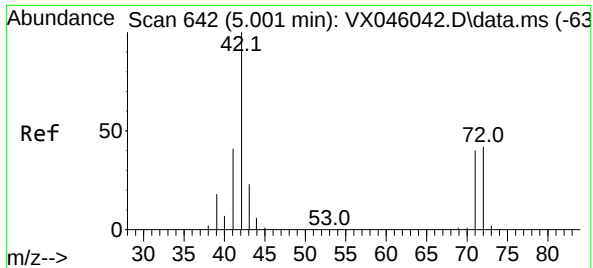
Tgt Ion: 96 Resp: 98
Ion Ratio Lower Upper
96 100
61 117.0 119.5 179.3#
98 0.0 50.0 75.0#



#23
Vinyl Acetate
Concen: 0.011 ug/l
RT: 3.794 min Scan# 444
Delta R.T. 0.073 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#





#29

Tetrahydrofuran

Concen: 0.059 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

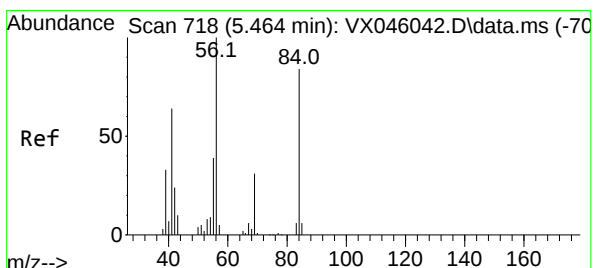
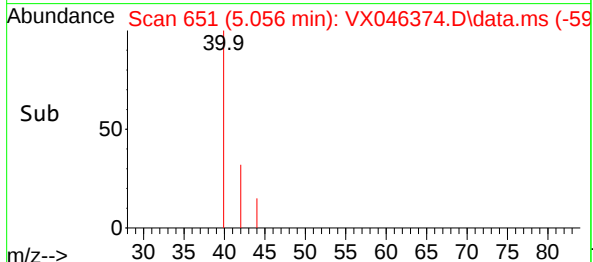
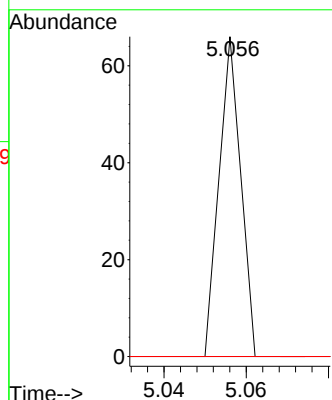
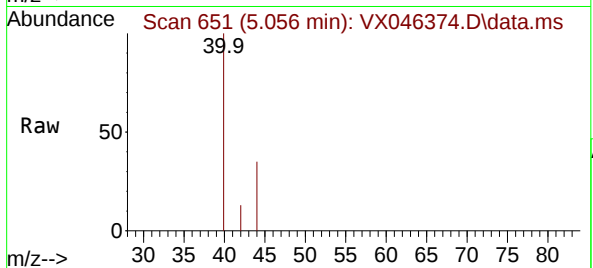
Instrument :

MSVOA_X

ClientSampleId :

VX0528MBL01

Tgt Ion:	42	Resp:	24
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	31.4	47.2#



#31

Cyclohexane

Concen: 1.335 ug/l

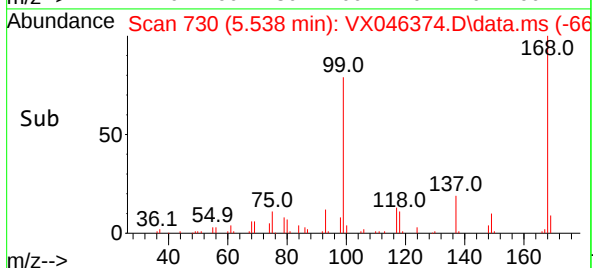
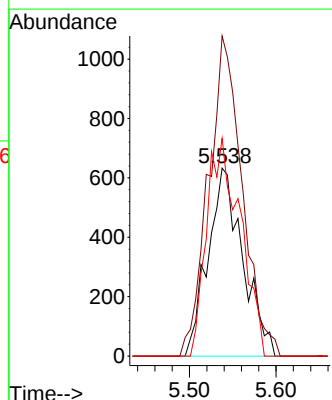
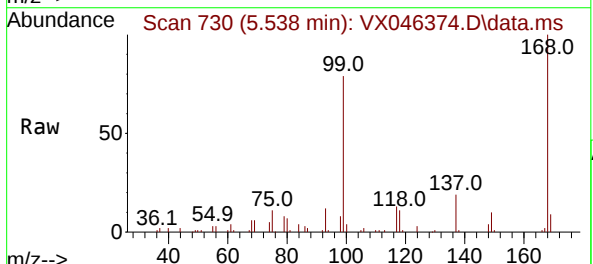
RT: 5.538 min Scan# 730

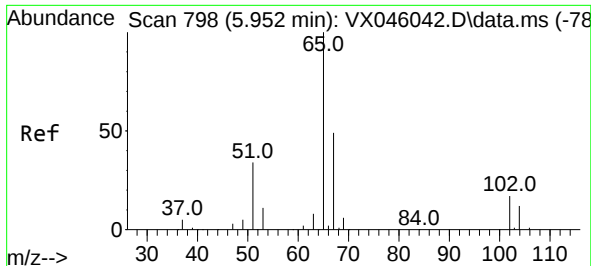
Delta R.T. 0.073 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Tgt Ion:	56	Resp:	1772
Ion	Ratio	Lower	Upper
56	100		
69	170.3	24.4	36.6#
84	115.8	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.213 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

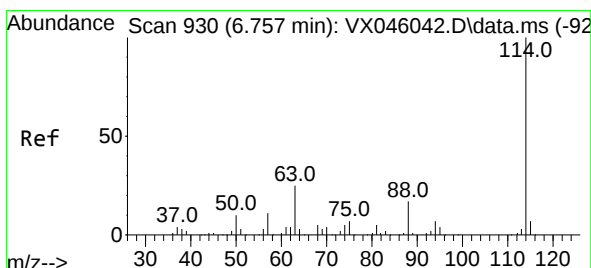
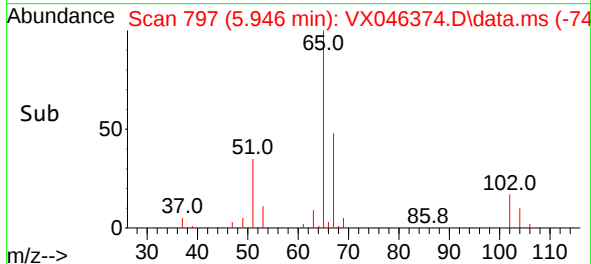
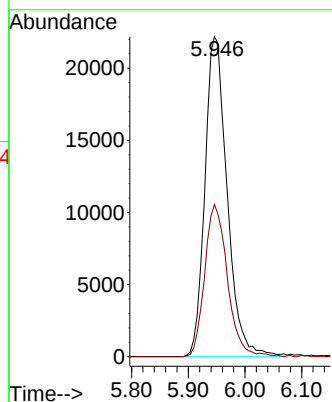
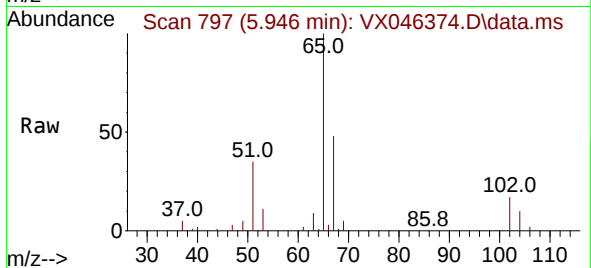
VX0528MBL01

Tgt Ion: 65 Resp: 60392

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

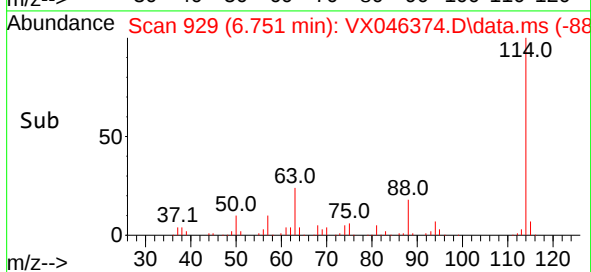
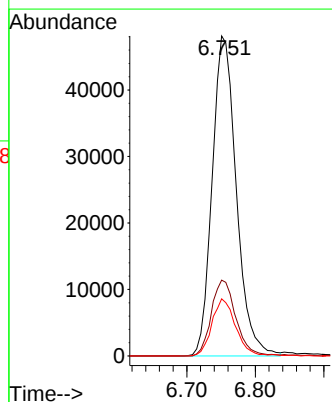
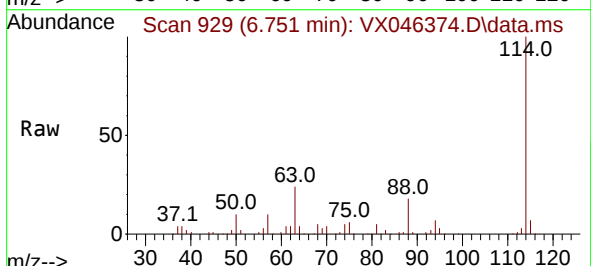
Tgt Ion: 114 Resp: 117746

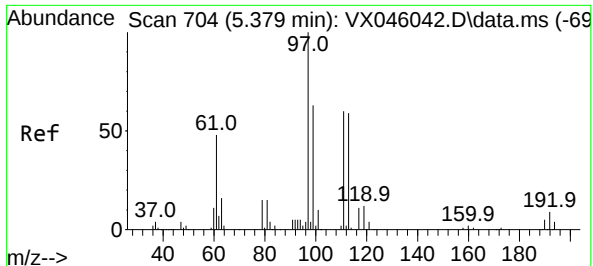
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

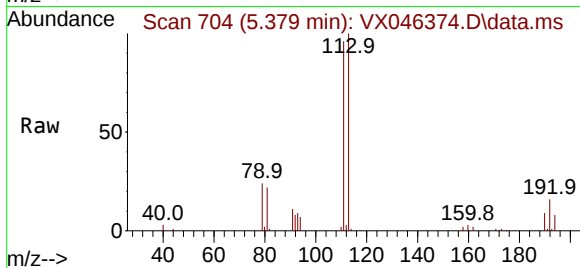
88 17.9 0.0 33.6



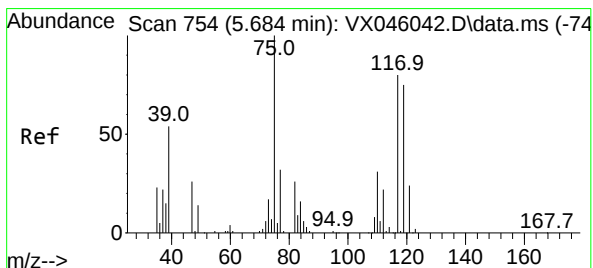
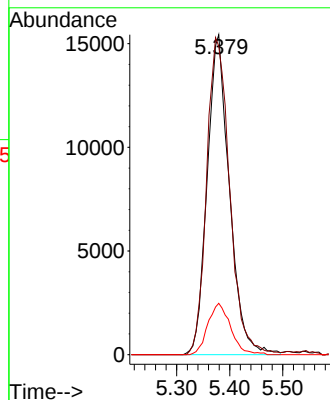
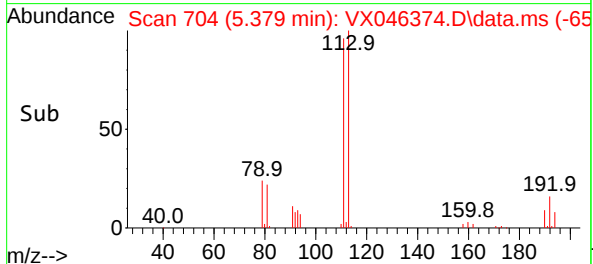


#35
Dibromofluoromethane
Concen: 52.952 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

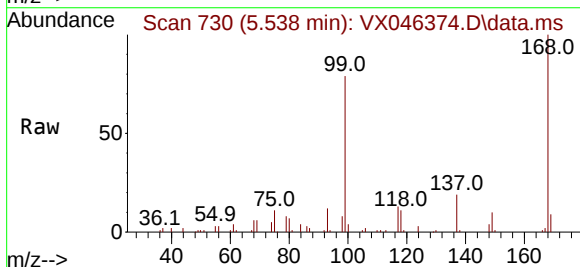
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01



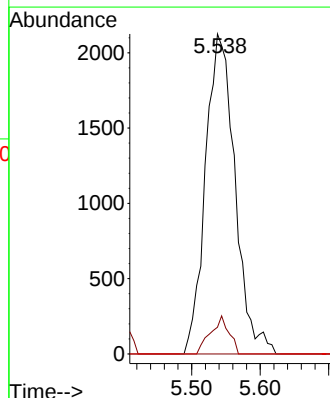
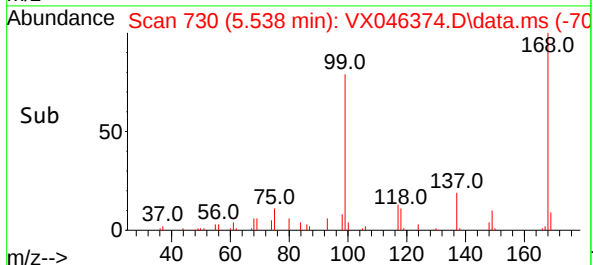
Tgt Ion:113 Resp: 44898
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.5 13.3 19.9

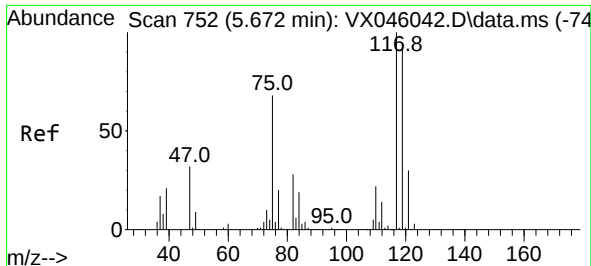


#36
1,1-Dichloropropene
Concen: 5.577 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36



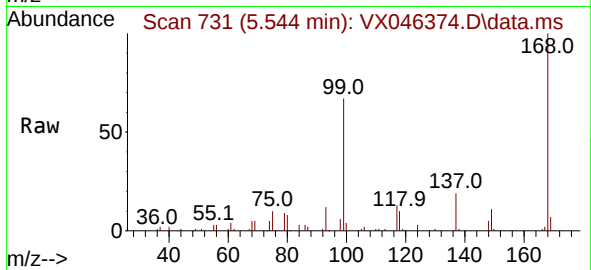
Tgt Ion: 75 Resp: 6353
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 24.3 36.5#



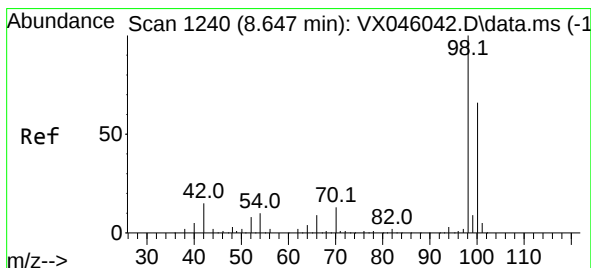
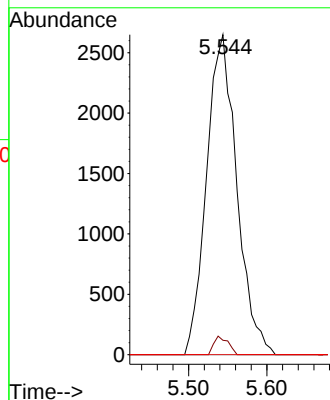
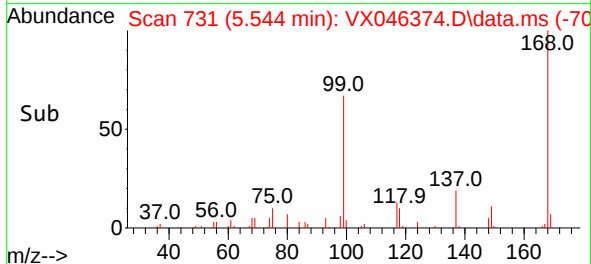


#38
Carbon Tetrachloride
Concen: 5.562 ug/l
RT: 5.544 min Scan# 7119
Delta R.T. -0.128 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

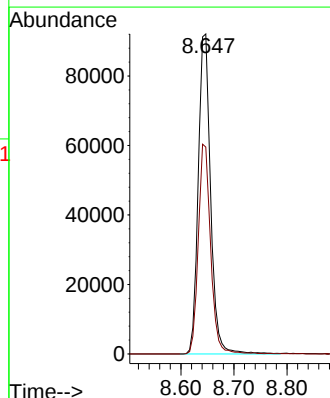
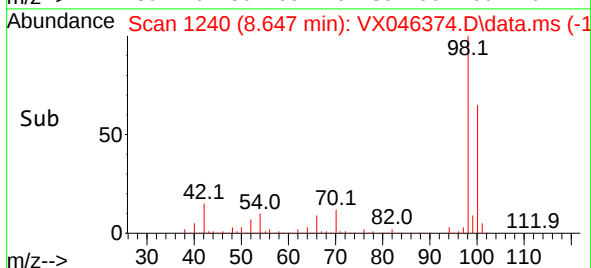
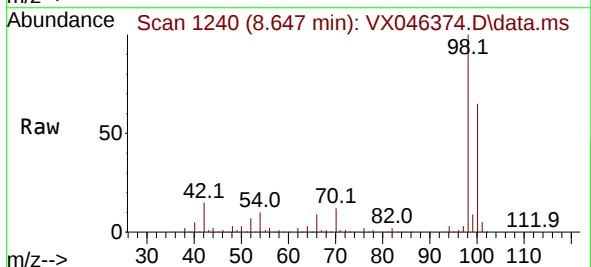


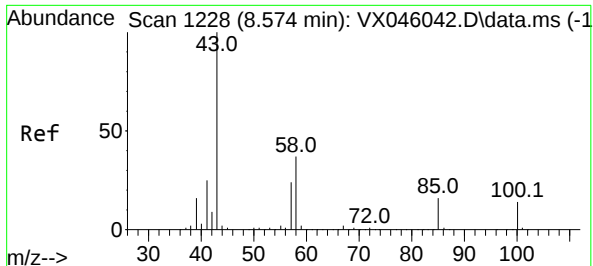
Tgt Ion:117 Resp: 7119
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.943 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 98 Resp: 149500
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

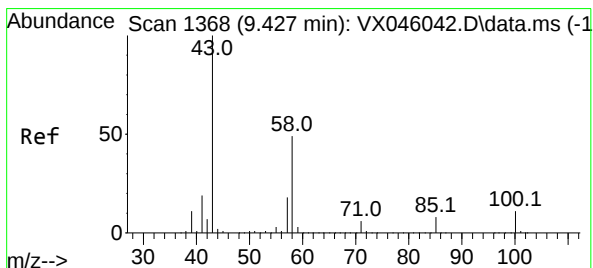
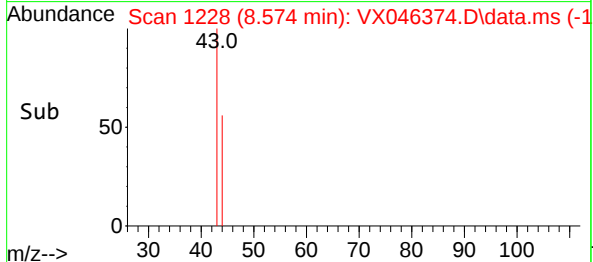
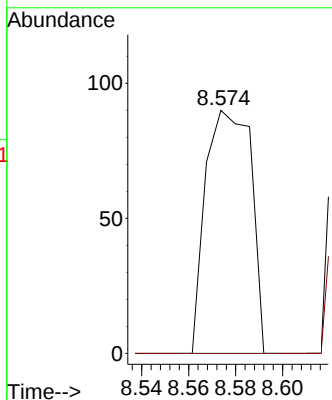
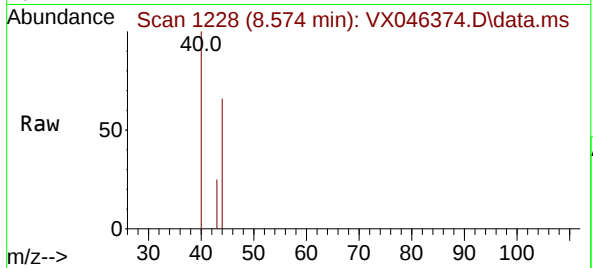




#51
4-Methyl-2-Pentanone
Concen: 0.085 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

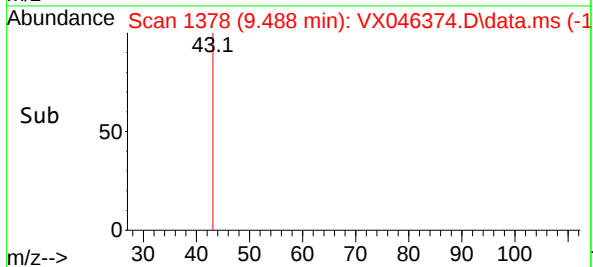
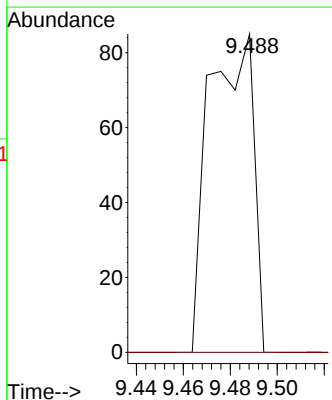
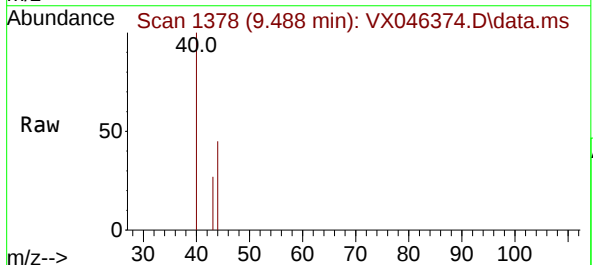
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

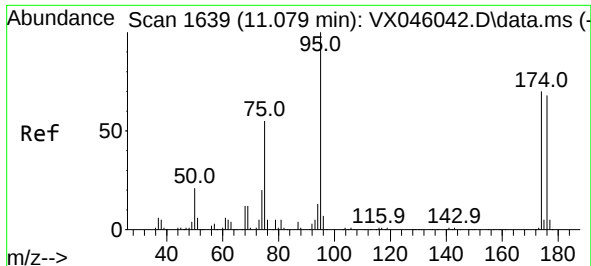
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3#



#59
2-Hexanone
Concen: 0.105 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.061 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

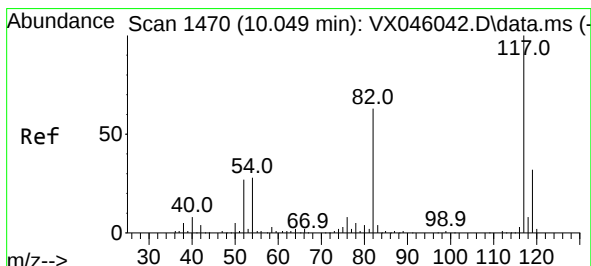
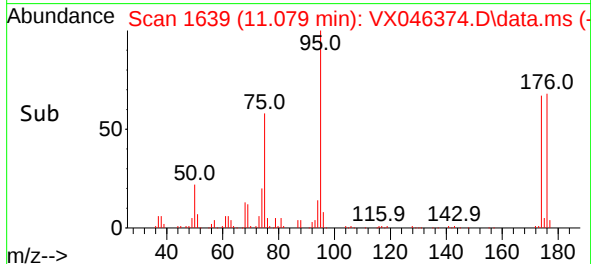
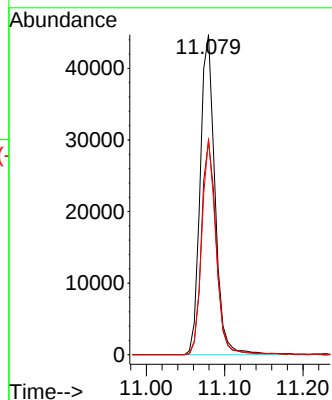
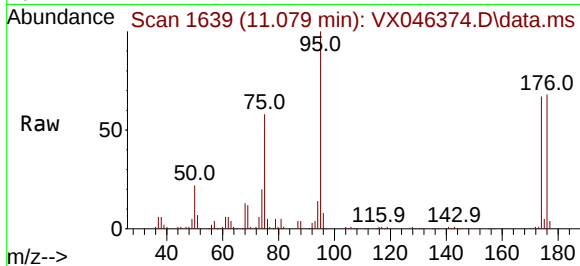




#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

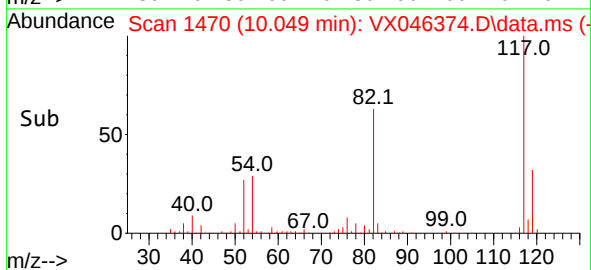
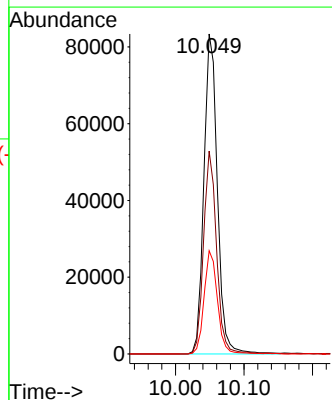
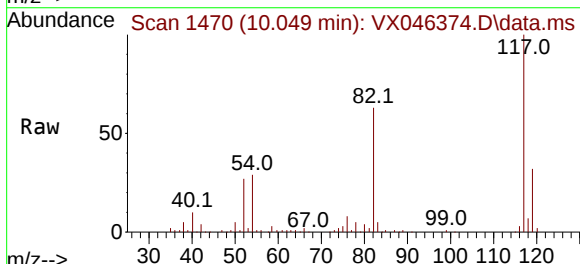
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

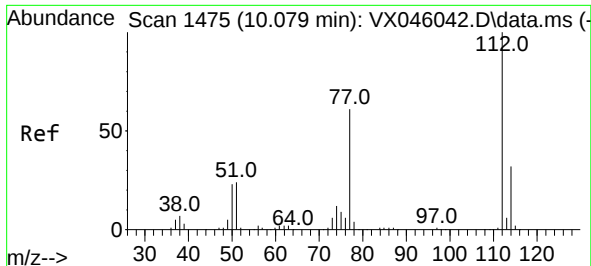
Tgt Ion: 95 Resp: 58682
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 117 Resp: 114455
Ion Ratio Lower Upper
117 100
82 63.4 50.6 76.0
119 32.2 25.8 38.6

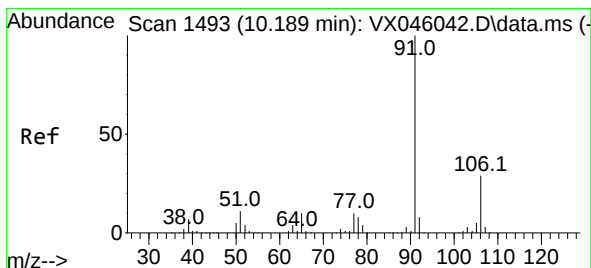
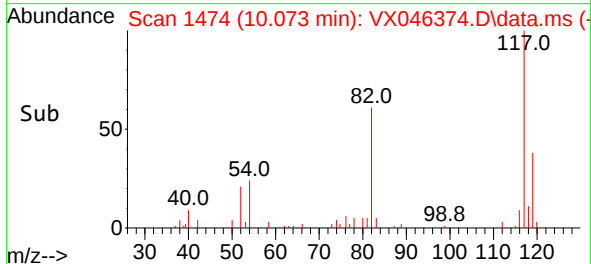
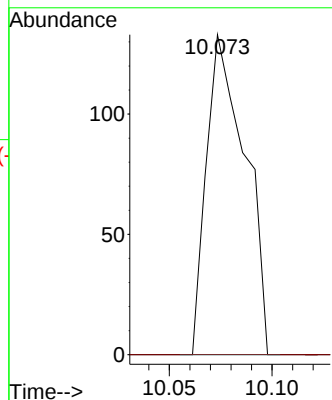
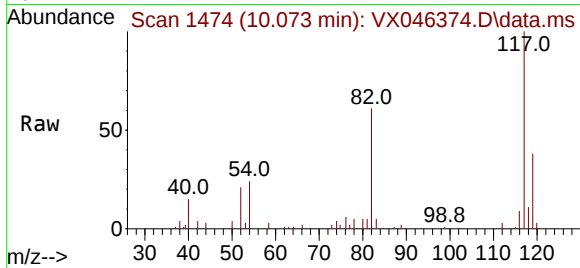




#65
Chlorobenzene
Concen: 0.069 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

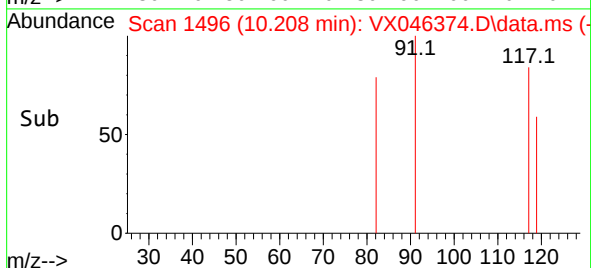
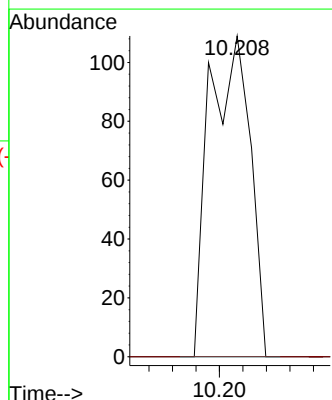
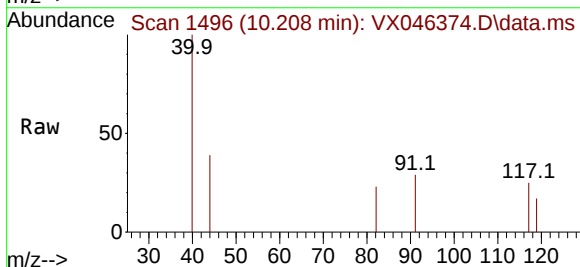
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

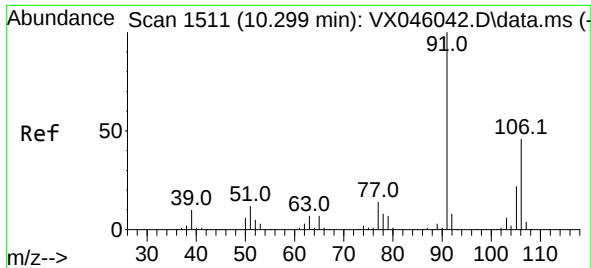
Tgt Ion:112 Resp: 174
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.030 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.018 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 91 Resp: 131
Ion Ratio Lower Upper
91 100
106 0.0 23.4 35.2#

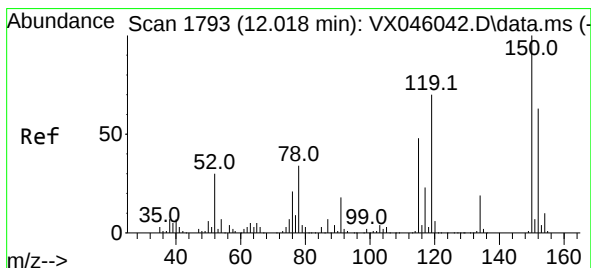
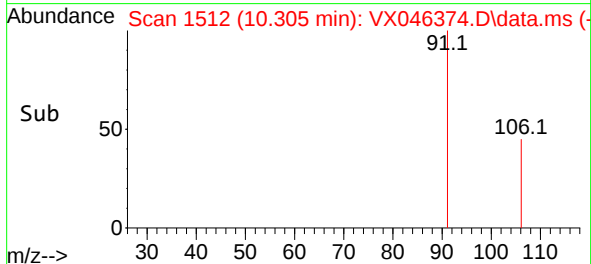
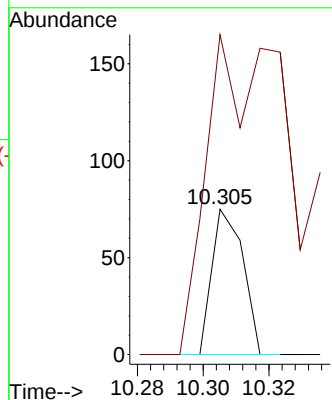
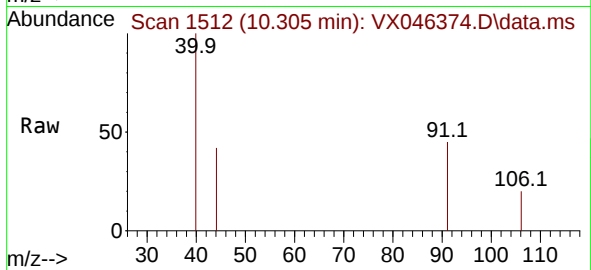




#68
m/p-Xylenes
Concen: 0.030 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

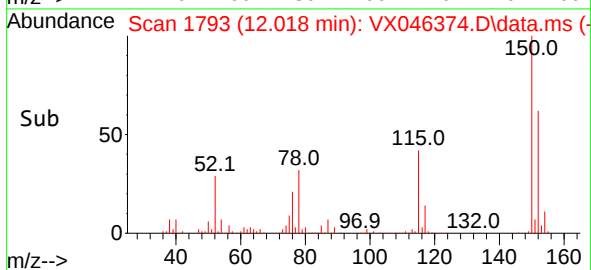
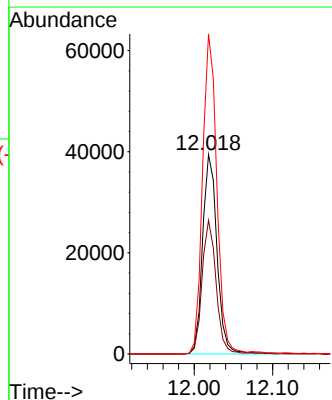
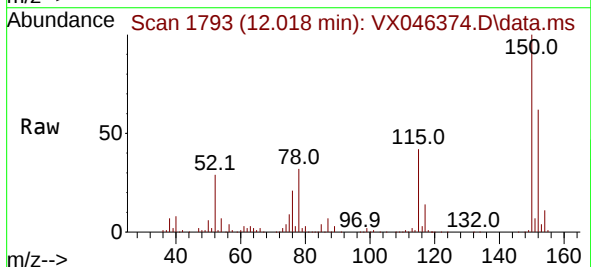
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

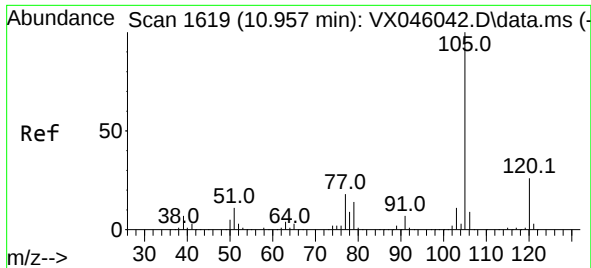
Tgt Ion:106 Resp: 49
Ion Ratio Lower Upper
106 100
91 608.2 171.2 256.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion:152 Resp: 50485
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 159.5 0.0 351.0

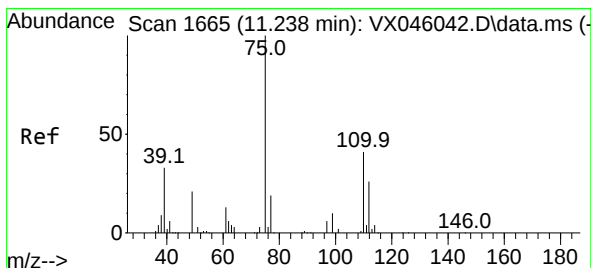
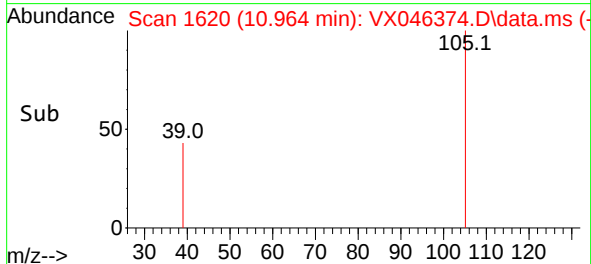
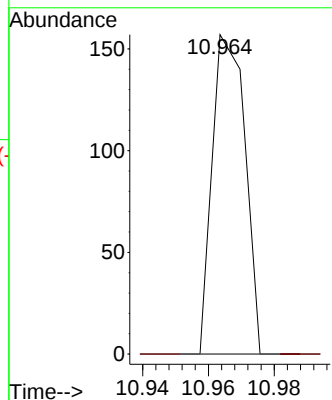
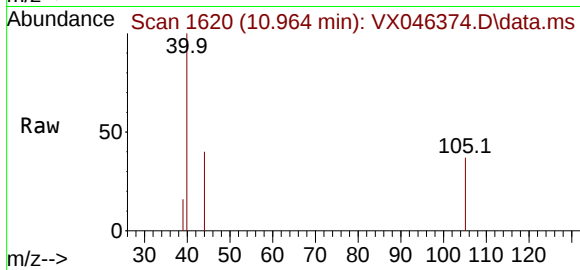




#73
Isopropylbenzene
Concen: 0.028 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

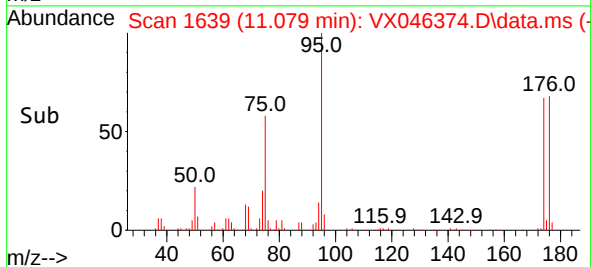
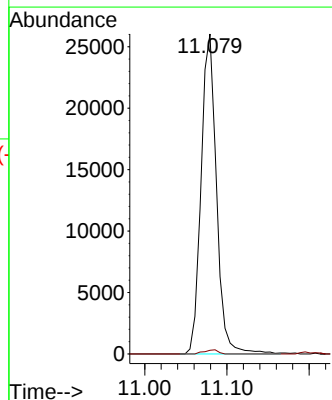
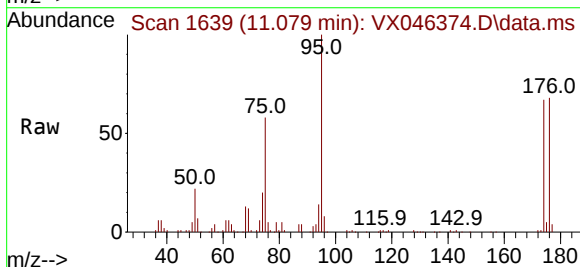
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

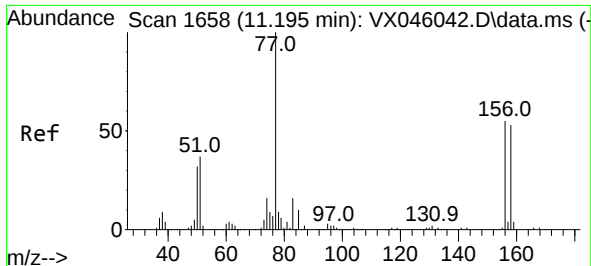
Tgt Ion:105 Resp: 109
Ion Ratio Lower Upper
105 100
120 0.0 12.8 38.4#



#76
1,2,3-Trichloropropane
Concen: 27.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 75 Resp: 33939
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#

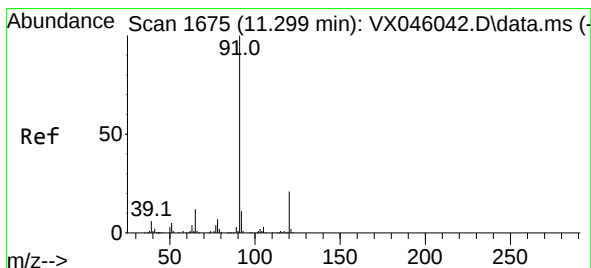
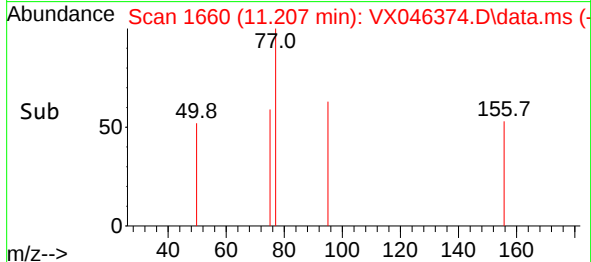
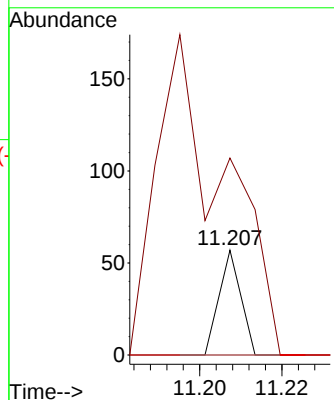
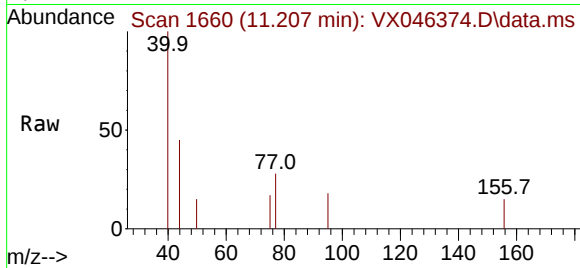




#77
Bromobenzene
Concen: 0.023 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

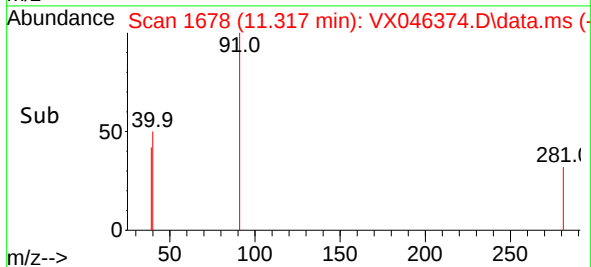
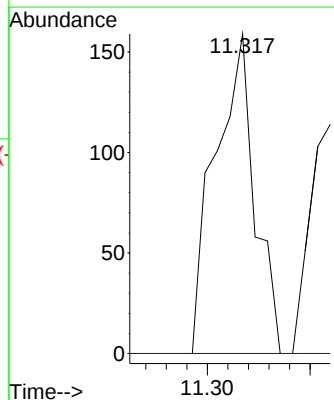
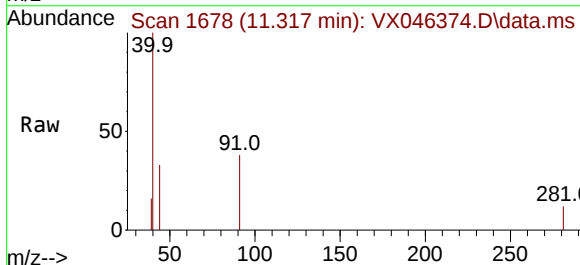
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

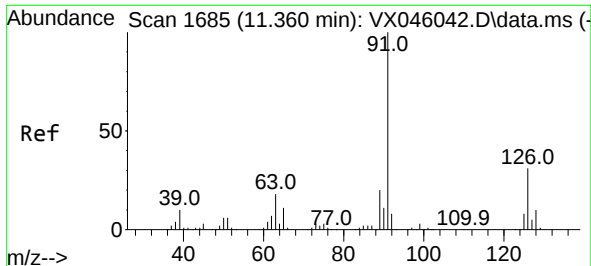
Tgt Ion:156 Resp: 21
Ion Ratio Lower Upper
156 100
77 933.3 92.8 278.3#
158 0.0 48.8 146.3#



#78
n-propylbenzene
Concen: 0.047 ug/l
RT: 11.317 min Scan# 1678
Delta R.T. 0.018 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 91 Resp: 213
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#





#79

2-Chlorotoluene

Concen: 0.065 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

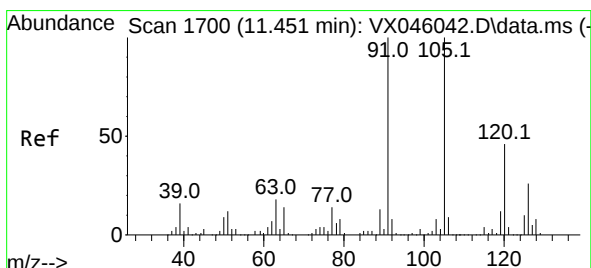
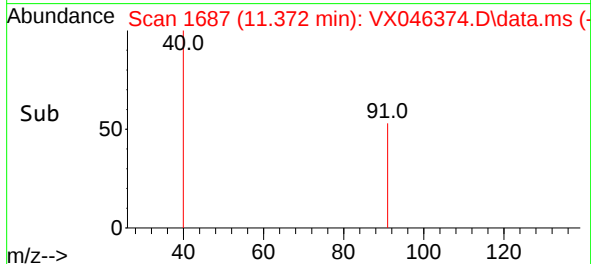
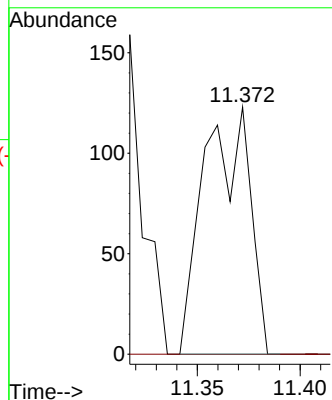
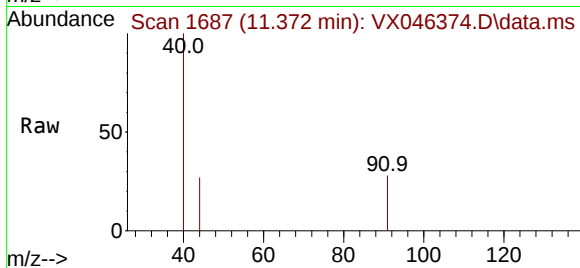
VX0528MBL01

Tgt Ion: 91 Resp: 191

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.051 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046374.D

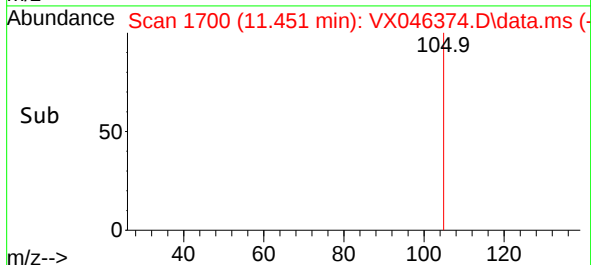
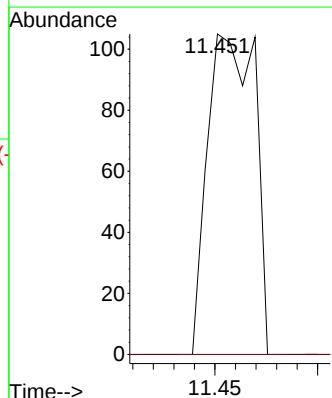
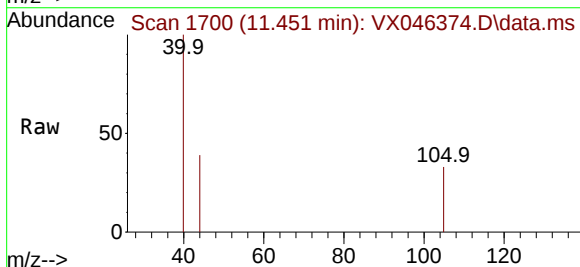
Acq: 28 May 2025 10:36

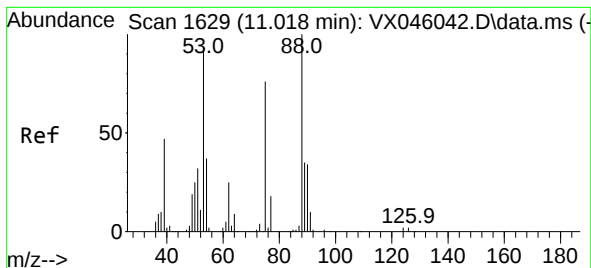
Tgt Ion:105 Resp: 168

Ion Ratio Lower Upper

105 100

120 0.0 23.1 69.2#

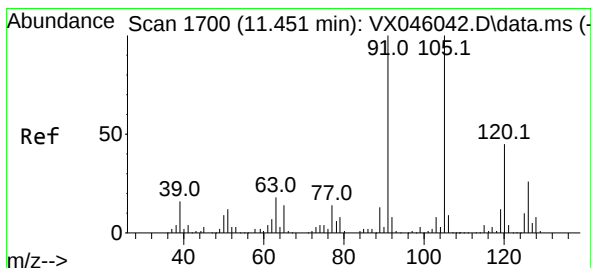
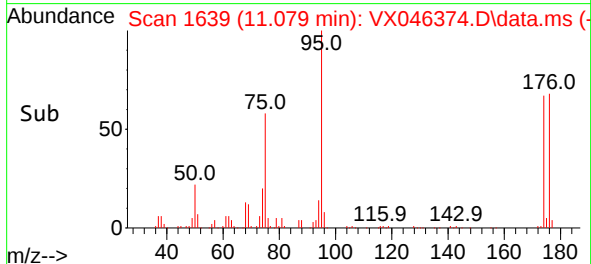
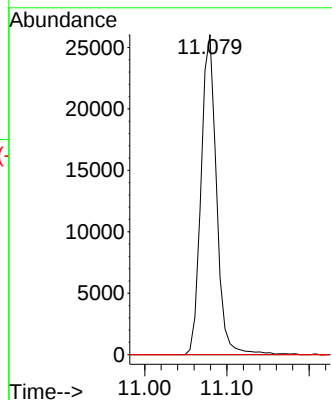
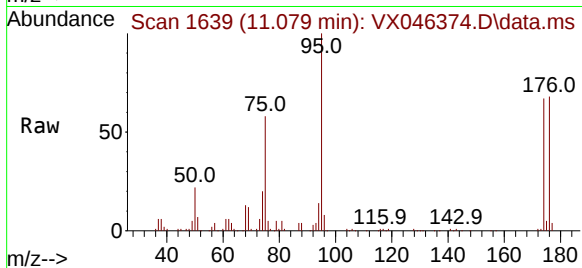




#81
trans-1,4-Dichloro-2-butene
Concen: 90.927 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

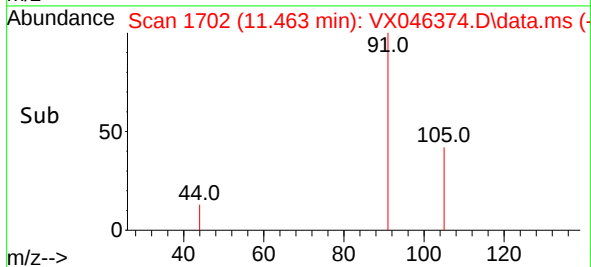
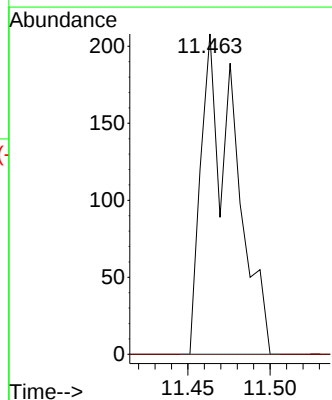
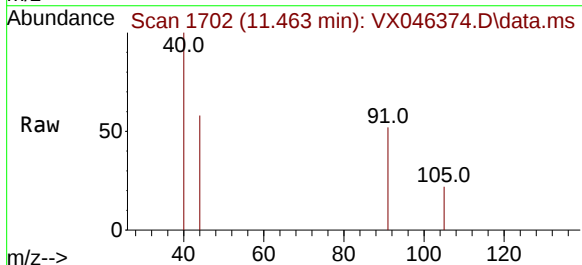
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

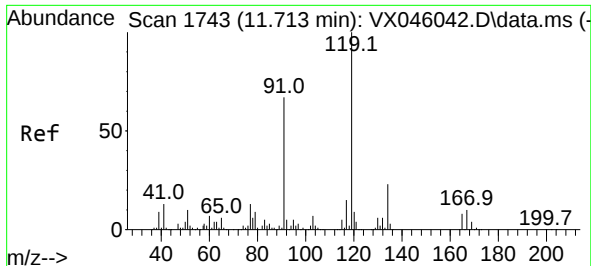
Tgt Ion: 75 Resp: 33939
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.091 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion: 91 Resp: 296
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.8#

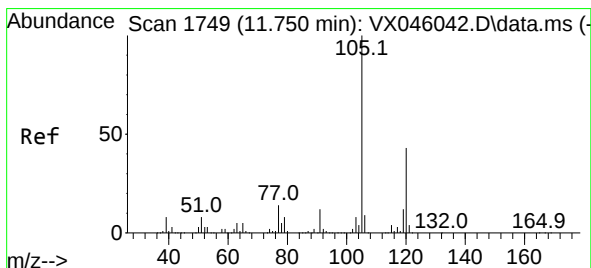
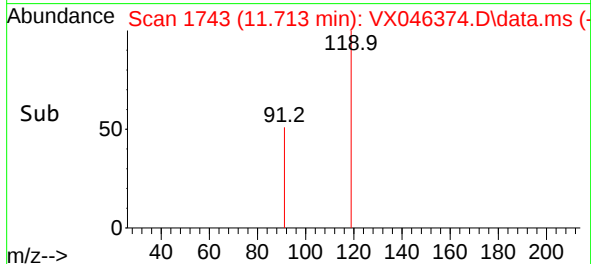
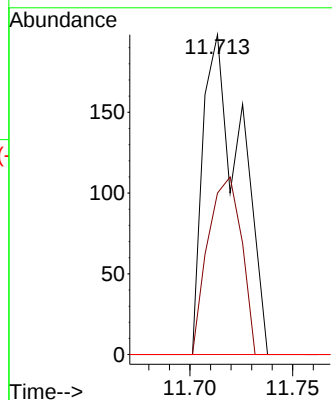
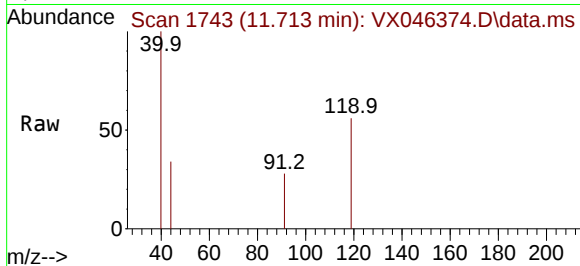




#83
tert-Butylbenzene
Concen: 0.076 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

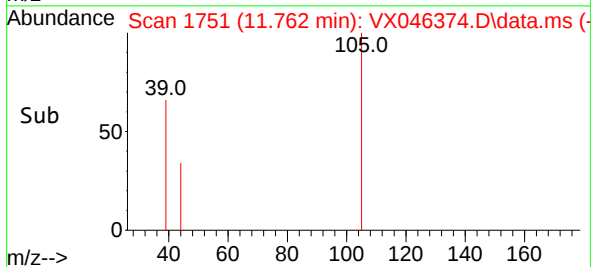
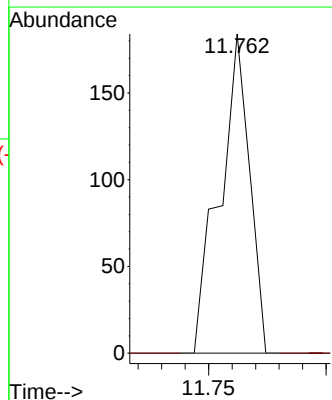
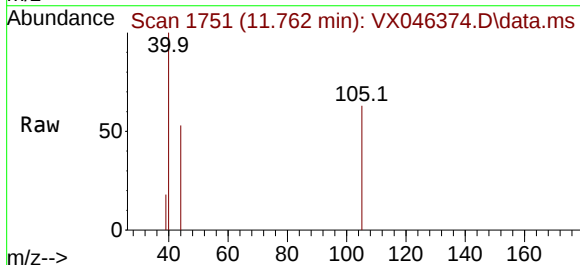
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

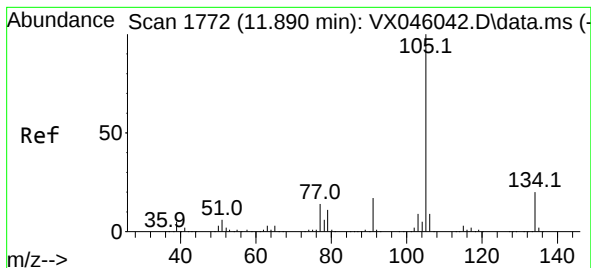
Tgt Ion:119 Resp: 253
Ion Ratio Lower Upper
119 100
91 49.4 32.9 98.7
134 0.0 11.4 34.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.049 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion:105 Resp: 163
Ion Ratio Lower Upper
105 100
120 0.0 21.2 63.6#





#85

sec-Butylbenzene

Concen: 0.088 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

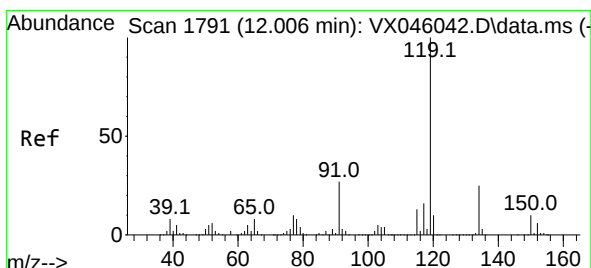
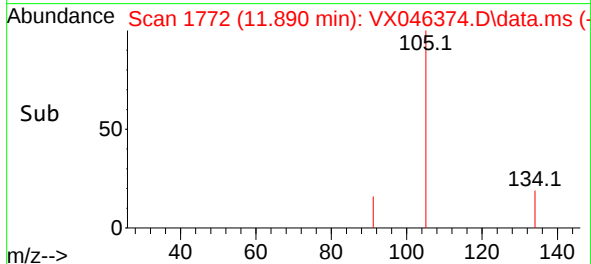
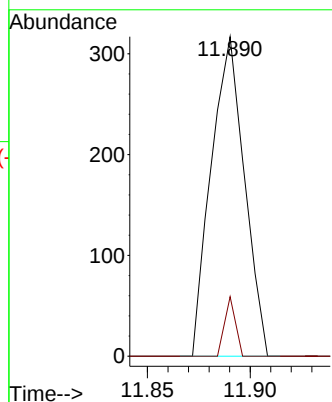
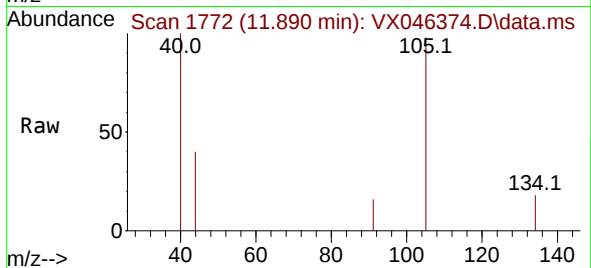
VX0528MBL01

Tgt Ion:105 Resp: 356

Ion Ratio Lower Upper

105 100

134 6.2 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 0.067 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.012 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

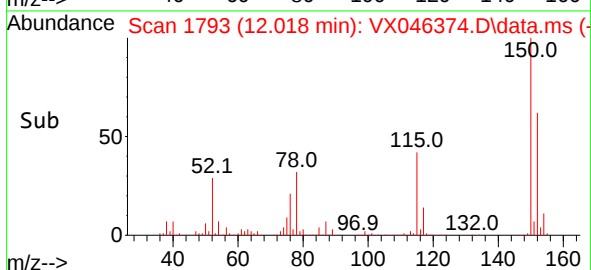
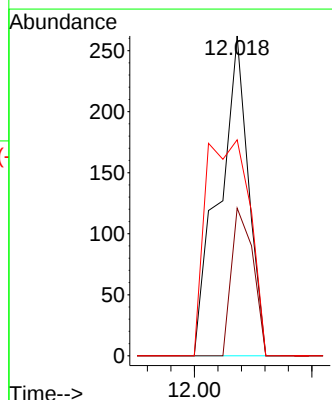
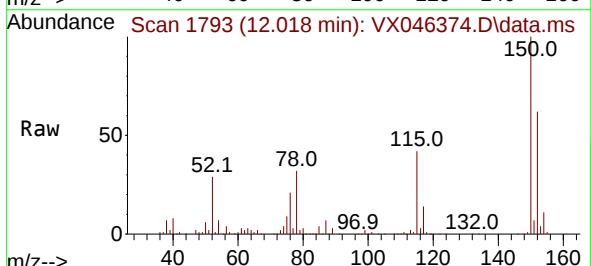
Tgt Ion:119 Resp: 226

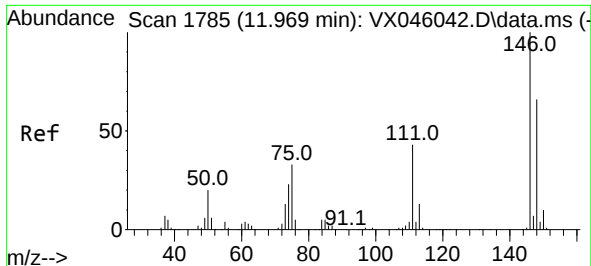
Ion Ratio Lower Upper

119 100

134 34.1 12.5 37.5

91 101.8 13.8 41.4#





#87

1,3-Dichlorobenzene

Concen: 0.122 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0528MBL01

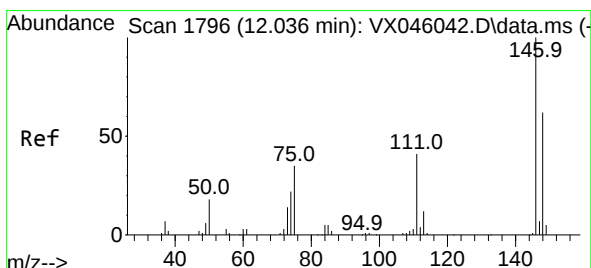
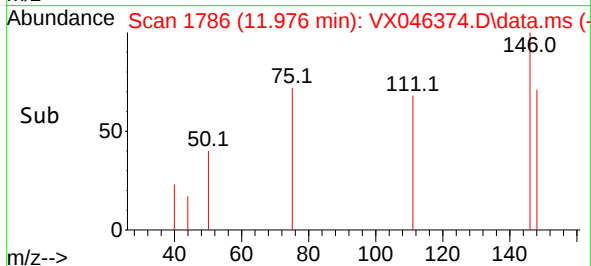
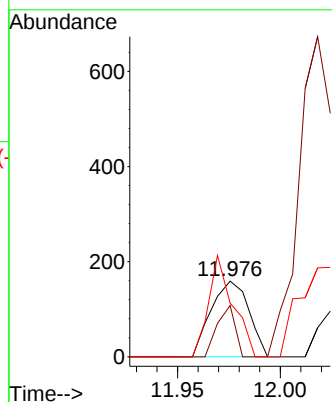
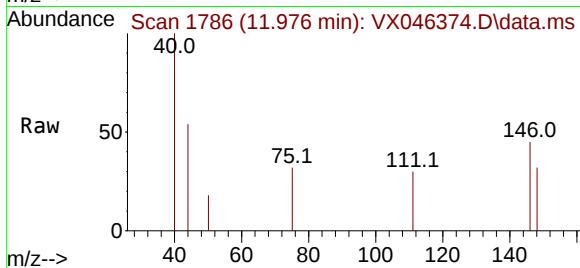
Tgt Ion:146 Resp: 203

Ion Ratio Lower Upper

146 100

111 32.0 22.1 66.3

148 86.7 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 0.119 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

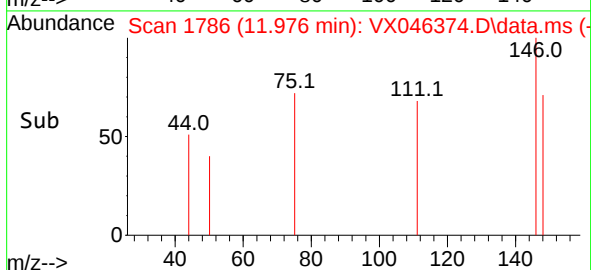
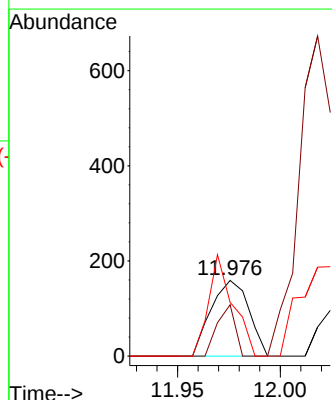
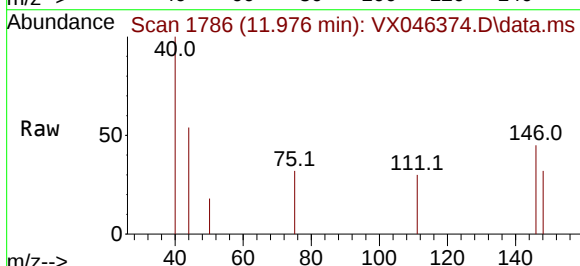
Tgt Ion:146 Resp: 203

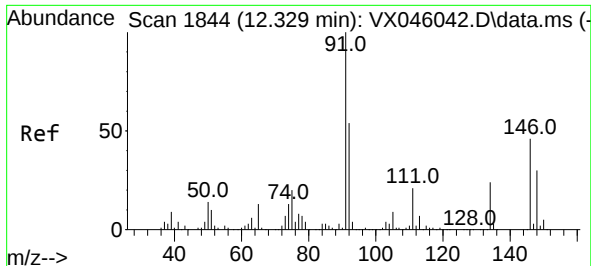
Ion Ratio Lower Upper

146 100

111 32.0 21.3 63.9

148 86.7 31.9 95.5





#89

n-Butylbenzene

Concen: 0.140 ug/l

RT: 12.347 min Scan# 1847

Delta R.T. 0.018 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0528MBL01

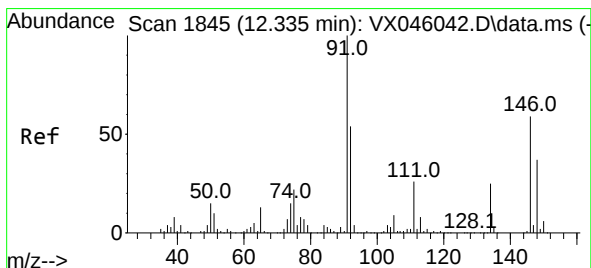
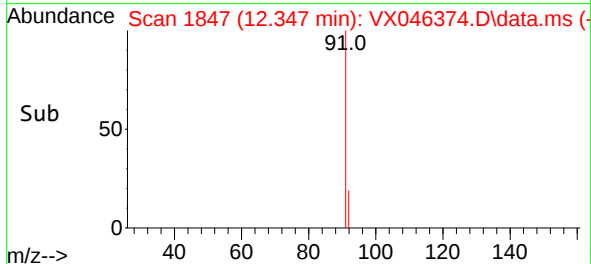
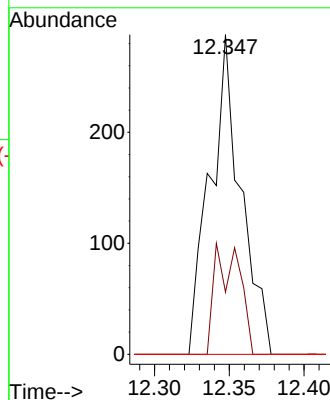
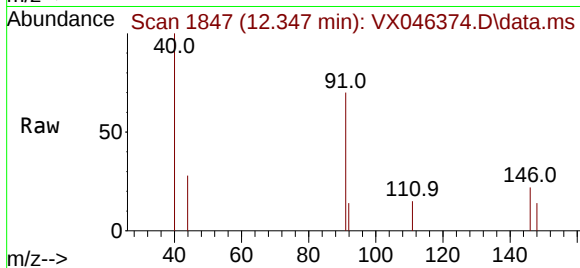
Tgt Ion: 91 Resp: 411

Ion Ratio Lower Upper

91 100

92 27.7 26.9 80.7

134 0.0 11.8 35.3#



#91

1,2-Dichlorobenzene

Concen: 0.107 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX046374.D

Acq: 28 May 2025 10:36

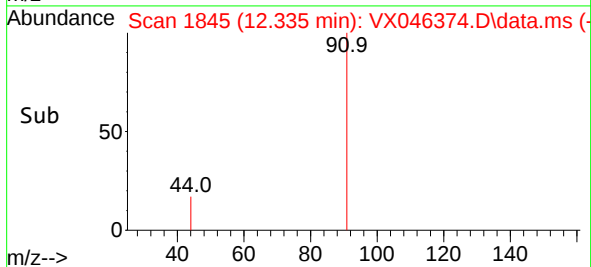
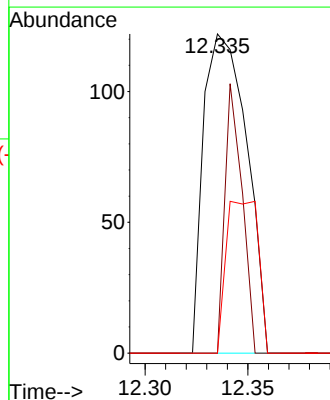
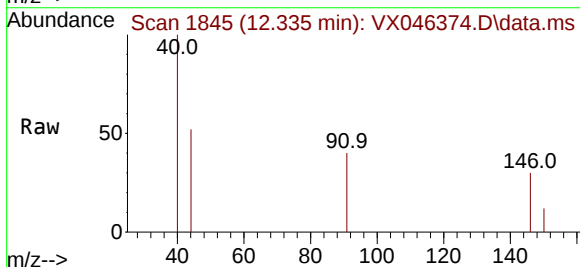
Tgt Ion:146 Resp: 178

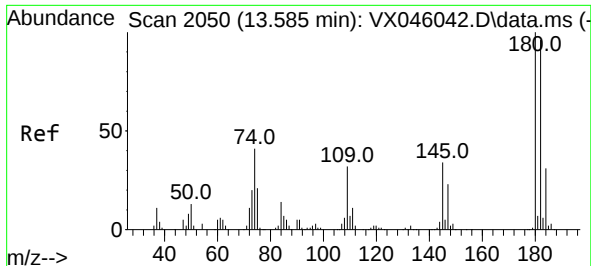
Ion Ratio Lower Upper

146 100

111 33.7 22.4 67.3

148 35.4 31.6 94.8

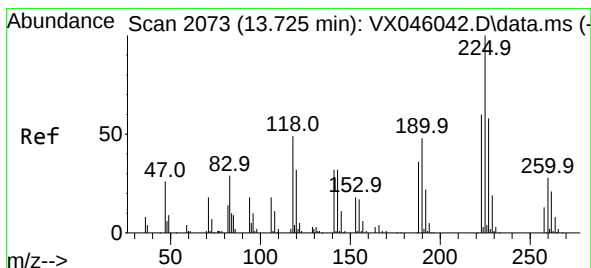
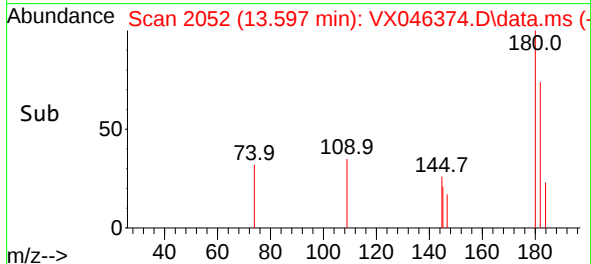
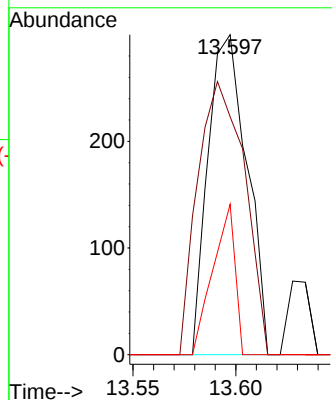
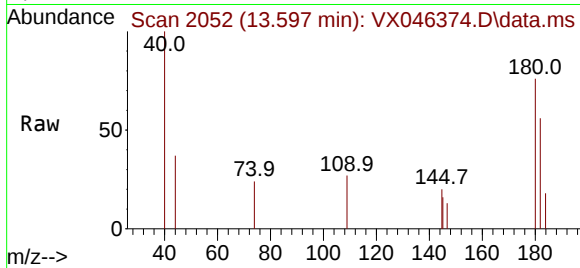




#93
1,2,4-Trichlorobenzene
Concen: 0.410 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

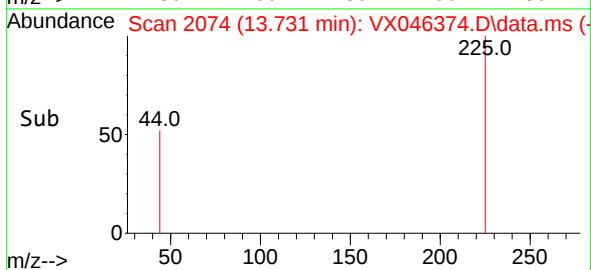
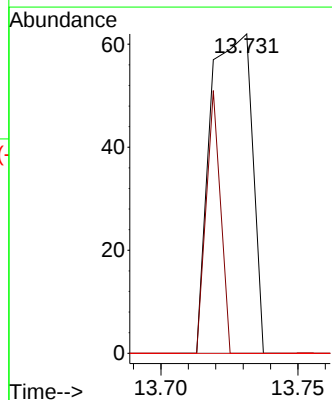
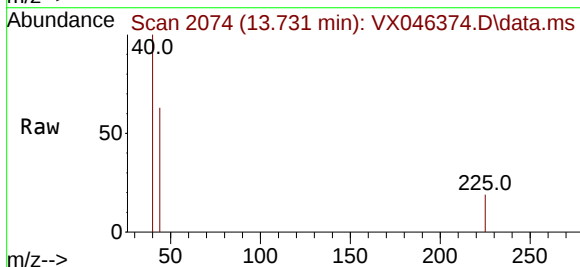
Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

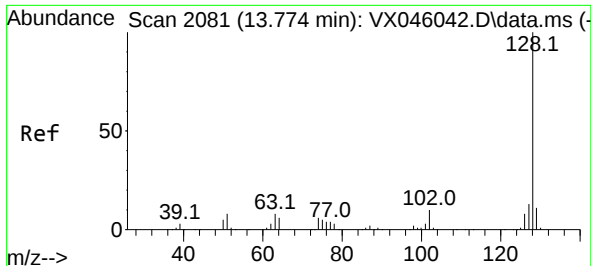
Tgt Ion:180 Resp: 394
Ion Ratio Lower Upper
180 100
182 103.0 47.9 143.8
145 26.9 17.1 51.2



#94
Hexachlorobutadiene
Concen: 0.155 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion:225 Resp: 65
Ion Ratio Lower Upper
225 100
223 29.2 30.8 92.4#
227 0.0 30.9 92.7#

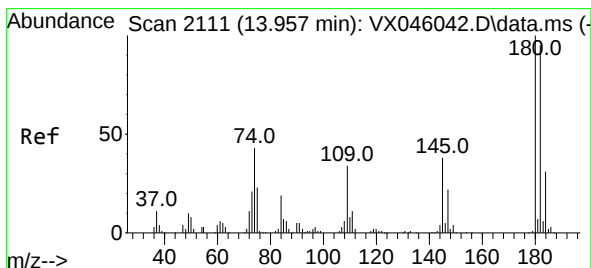
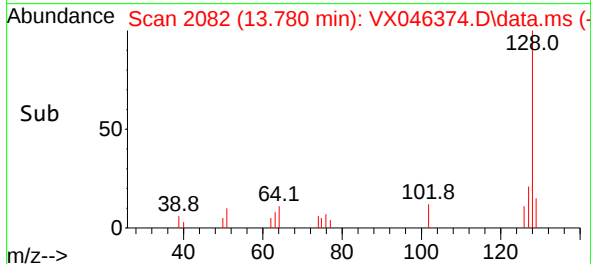
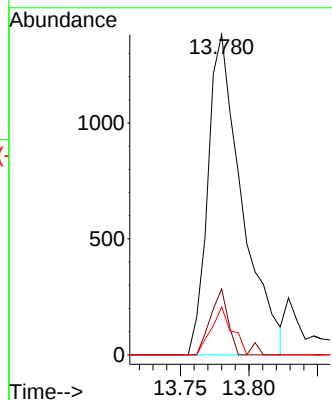
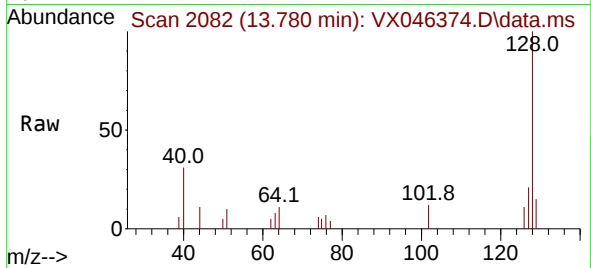




#95
Naphthalene
Concen: 0.677 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0528MBL01

Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
127 10.5 10.4 15.6
129 9.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.599 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX046374.D
Acq: 28 May 2025 10:36

Tgt Ion:180 Resp: 593
Ion Ratio Lower Upper
180 100
182 100.8 47.8 143.3
145 34.7 18.1 54.3

