

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045717.D
 Acq On : 11 Apr 2025 05:32
 Operator : JC/MD
 Sample : Q1762-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

Quant Time: Apr 11 06:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	63356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60270	52.019	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	5.379	113	43609	50.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.647	98	152418	50.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	11.079	95	57788	52.231	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.460%	
Target Compounds						Qvalue
5) Bromomethane	1.593	94	123	0.291	ug/l #	69
11) Tert butyl alcohol	2.934	59	425	2.729	ug/l #	72
13) Acrolein	2.233	56	99	0.462	ug/l #	15
14) Allyl chloride	2.770	41	7949	5.508	ug/l #	21
15) Acrylonitrile	3.087	53	2906	5.912	ug/l #	43
16) Acetone	2.380	43	1803	3.790	ug/l	100
17) Carbon Disulfide	2.508	76	698	0.372	ug/l #	76
18) Methyl Acetate	2.770	43	16836	15.370	ug/l #	54
20) Methylene Chloride	2.812	84	1100	1.235	ug/l #	1
23) Vinyl Acetate	3.721	43	528	0.215	ug/l #	74
25) 2-Butanone	4.440	43	997	1.432	ug/l #	52
26) 2,2-Dichloropropane	4.288	77	324	0.312	ug/l #	55
29) Tetrahydrofuran	5.086	42	200	0.443	ug/l #	35
30) Chloroform	5.153	83	3374	2.040	ug/l #	27
31) Cyclohexane	5.470	56	31071	21.861	ug/l #	86
36) 1,1-Dichloropropene	5.544	75	6484	5.518	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7386	5.816	ug/l #	15
39) Methylcyclohexane	7.373	83	130583	90.665	ug/l	96
40) Benzene	6.056	78	1464	0.408	ug/l #	76
41) Methacrylonitrile	4.940	41	987	1.263	ug/l #	45
43) Isopropyl Acetate	6.348	43	3793	1.690	ug/l #	64
45) 1,2-Dichloropropane	7.379	63	1849	2.065	ug/l #	1
47) Bromodichloromethane	7.769	83	809	0.589	ug/l #	69
48) Methyl methacrylate	7.653	41	11253	9.711	ug/l #	61
51) 4-Methyl-2-Pentanone	8.598	43	2319	1.559	ug/l #	39
52) Toluene	8.720	92	570	0.263	ug/l	78
53) t-1,3-Dichloropropene	9.159	75	25	2.307	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	9896	11.437	ug/l #	17
56) Ethyl methacrylate	9.098	69	2412	1.801	ug/l #	1
67) Ethyl Benzene	10.195	91	10349	2.410	ug/l	100
68) m/p-Xylenes	10.305	106	994	0.637	ug/l	77
73) Isopropylbenzene	10.963	105	18757	4.911	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.219	83	317	0.236	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	32729	28.141	ug/l #	38
78) n-propylbenzene	11.305	91	78977	17.953	ug/l	99
79) 2-Chlorotoluene	11.305	91	78977	28.082	ug/l #	43

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

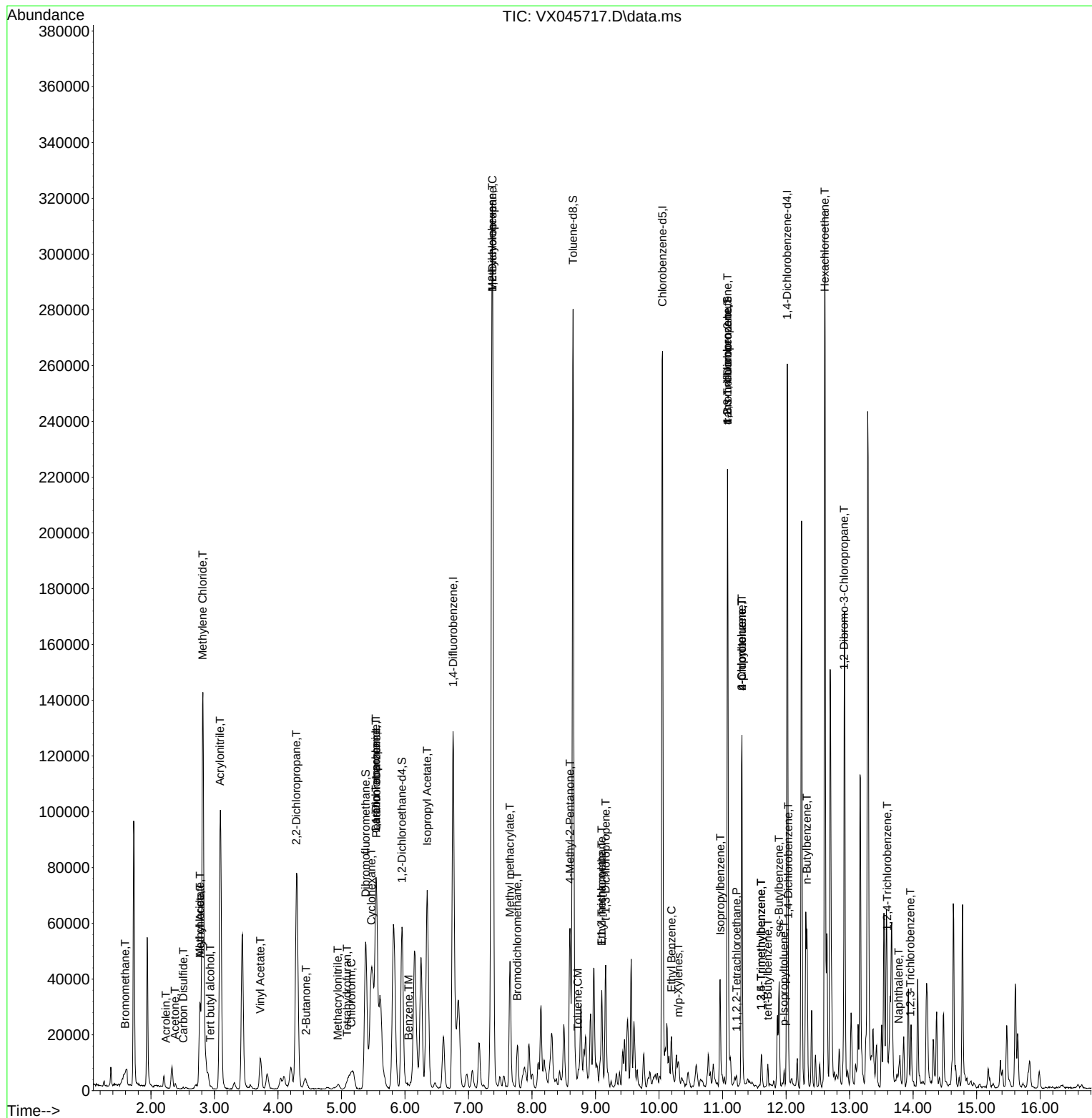
80) 1,3,5-Trimethylbenzene	11.610	105	4602	1.457	ug/l	76
81) trans-1,4-Dichloro-2-b...	11.079	75	32729	95.506	ug/l #	1
82) 4-Chlorotoluene	11.305	91	78977	25.187	ug/l #	48
83) tert-Butylbenzene	11.713	119	2116	0.677	ug/l	74
84) 1,2,4-Trimethylbenzene	11.610	105	4602	1.452	ug/l	80
85) sec-Butylbenzene	11.890	105	18063	4.703	ug/l	96
86) p-Isopropyltoluene	11.969	119	1955	0.617	ug/l	89
88) 1,4-Dichlorobenzene	12.036	146	402	0.247	ug/l #	1
89) n-Butylbenzene	12.329	91	26495	9.650	ug/l #	80
90) Hexachloroethane	12.609	117	12760	23.450	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.914	75	647	2.306	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	439	0.494	ug/l #	1
95) Naphthalene	13.774	128	4406	1.332	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.957	180	453	0.487	ug/l #	1

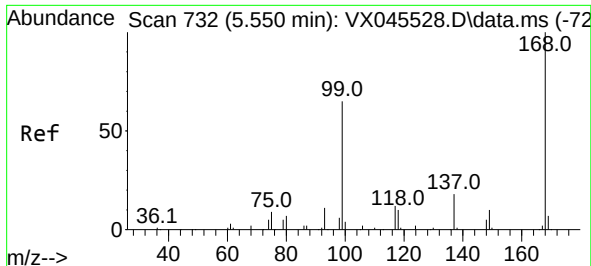
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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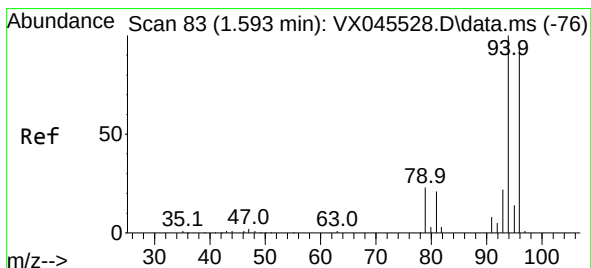
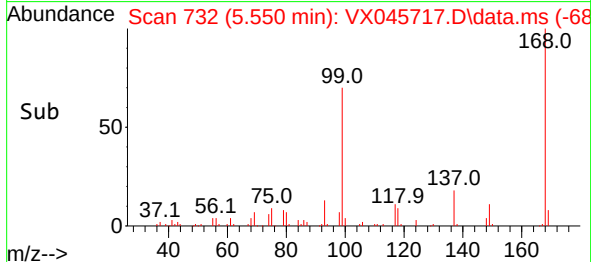
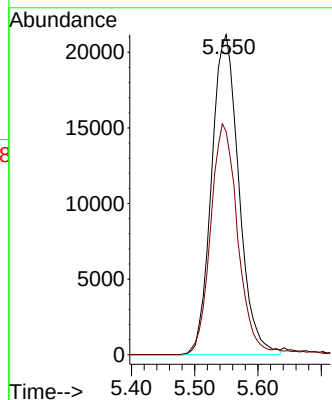
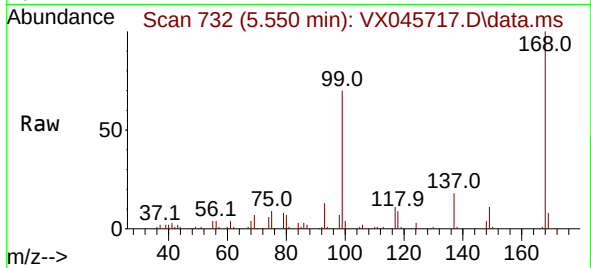




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045717.D
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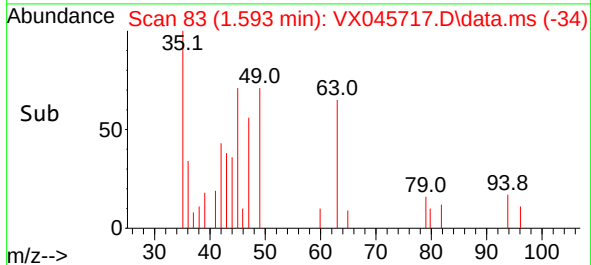
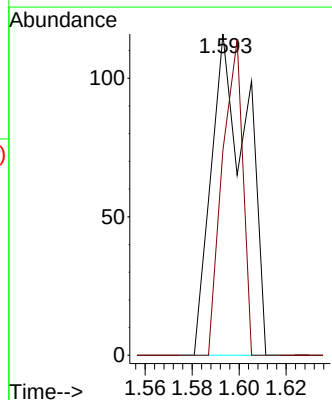
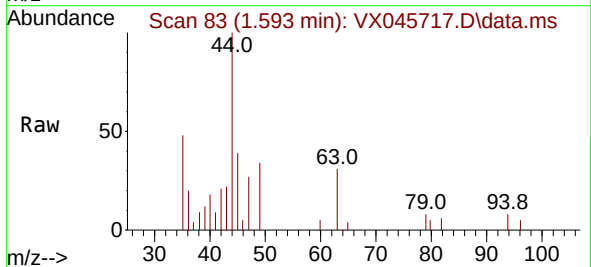
Instrument :
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ClientSampleId :
MW4DL

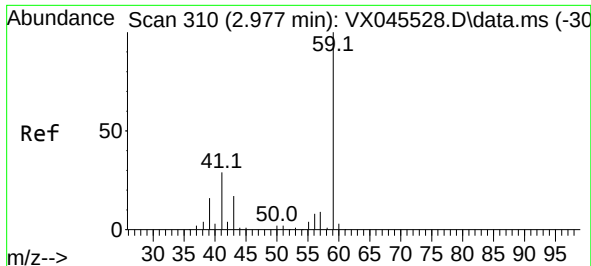
Tgt Ion:168 Resp: 63356
Ion Ratio Lower Upper
168 100
99 69.8 52.3 78.5



#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 63.8 74.8 112.2#

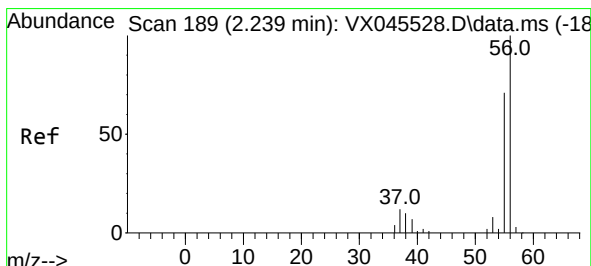
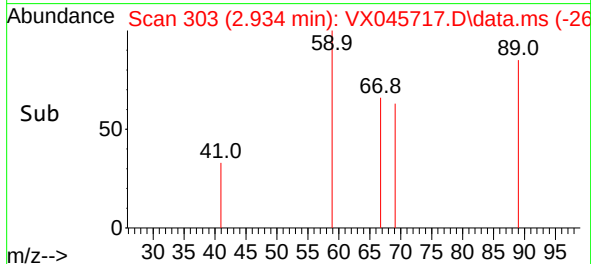
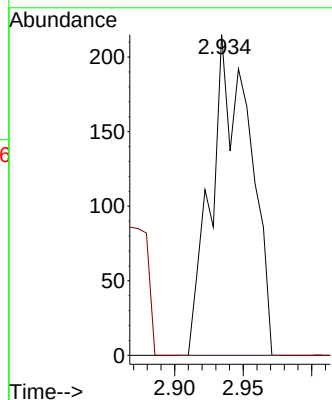
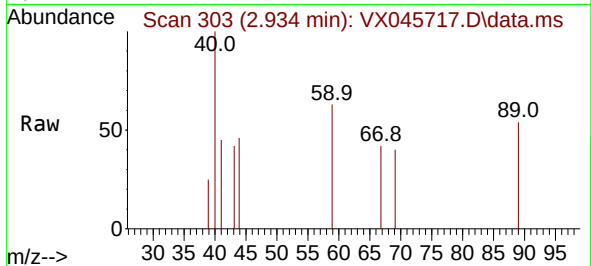




#11
Tert butyl alcohol
Concen: 2.729 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

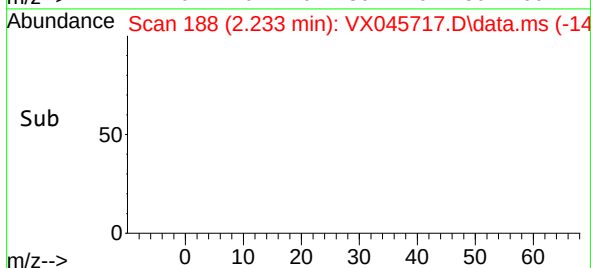
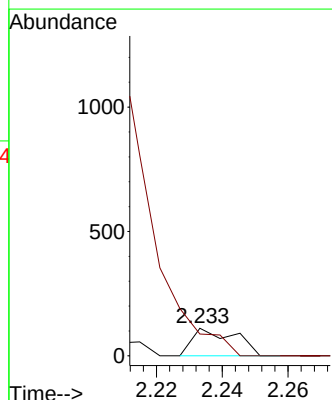
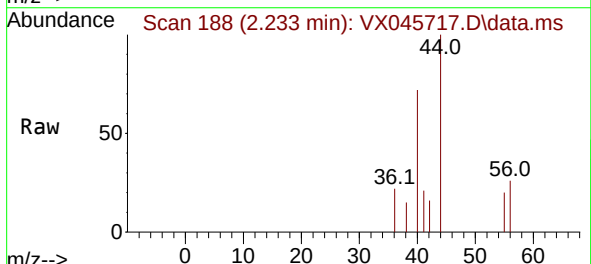
Instrument :
MSVOA_X
ClientSampleId :
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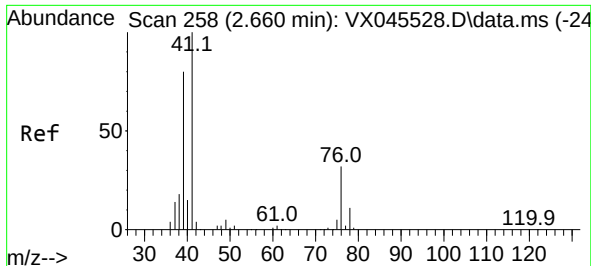
Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.462 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#

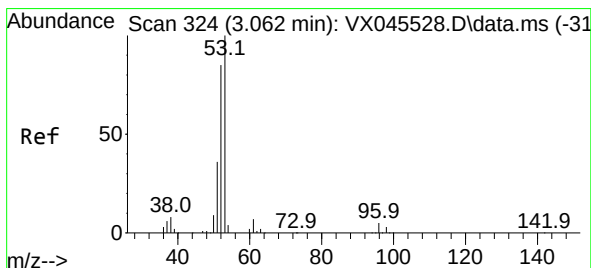
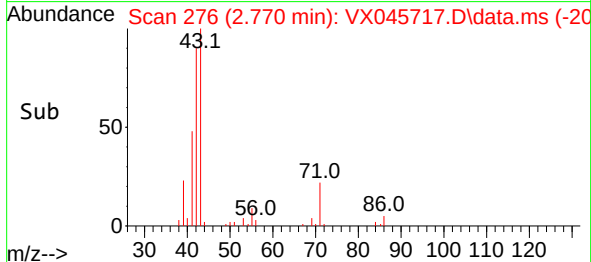
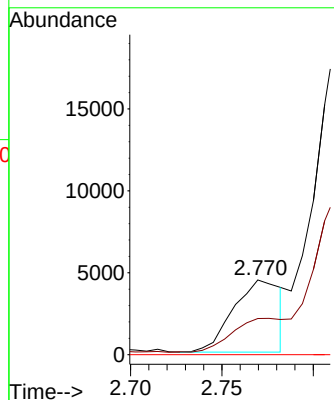
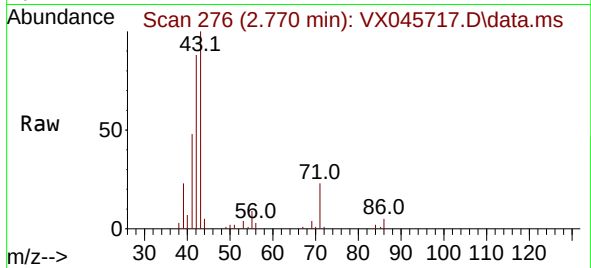




#14
 Allyl chloride
 Concen: 5.508 ug/l
 RT: 2.770 min Scan# 21
 Delta R.T. 0.110 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

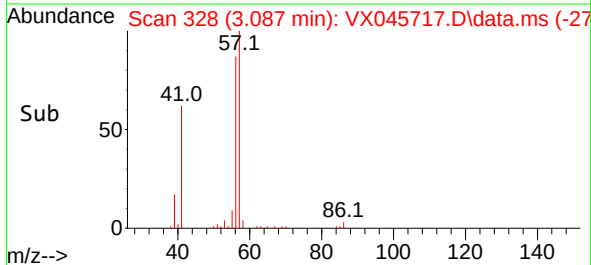
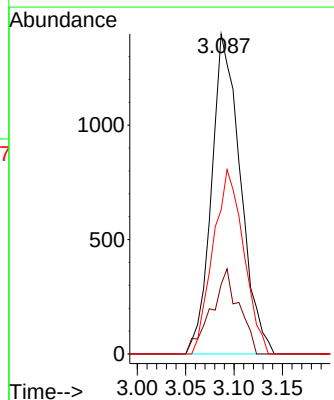
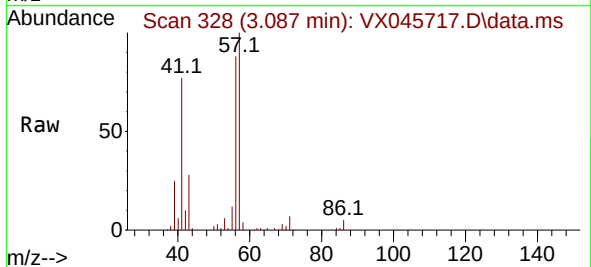
Instrument :
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 ClientSampleId :
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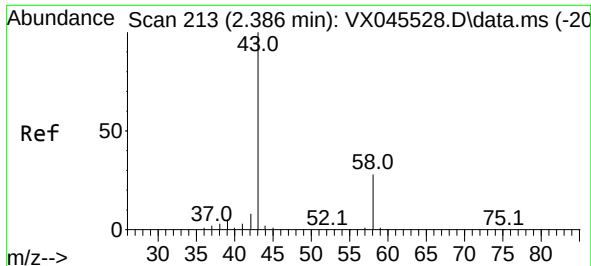
Tgt Ion: 41 Resp: 7949
 Ion Ratio Lower Upper
 41 100
 39 0.0 60.2 90.2#
 76 0.0 24.6 36.8#



#15
 Acrylonitrile
 Concen: 5.912 ug/l
 RT: 3.087 min Scan# 328
 Delta R.T. 0.024 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion: 53 Resp: 2906
 Ion Ratio Lower Upper
 53 100
 52 25.5 67.4 101.2#
 51 61.0 29.9 44.9#

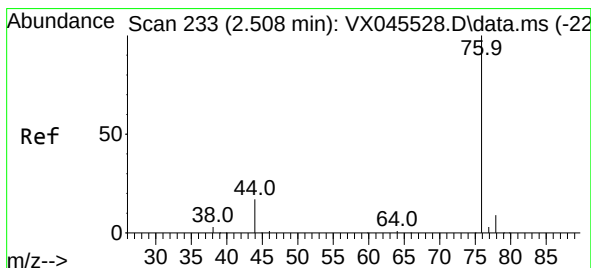
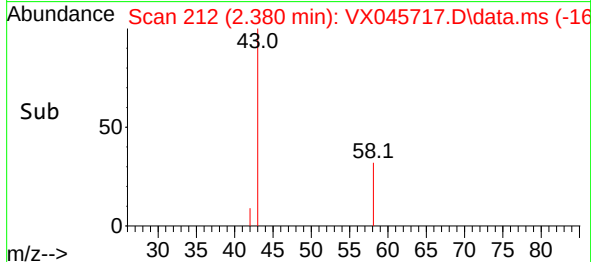
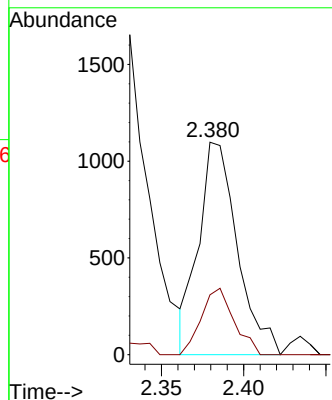
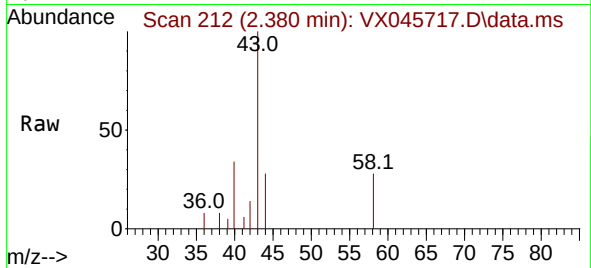




#16
Acetone
Concen: 3.790 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

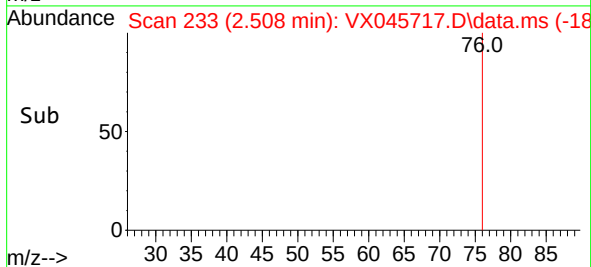
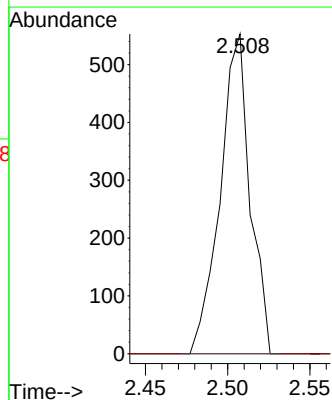
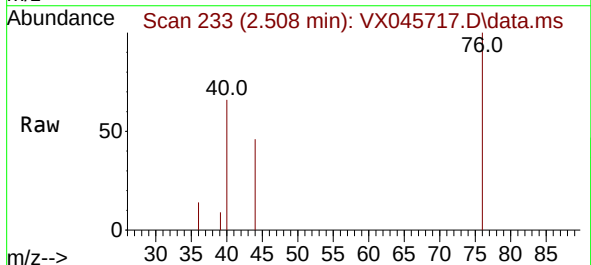
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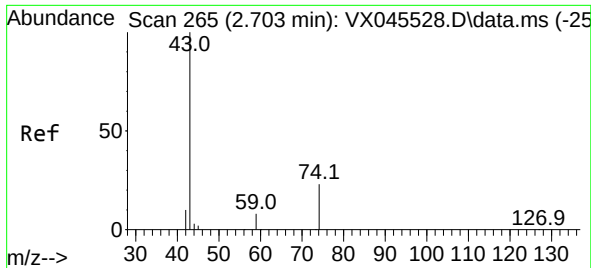
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5



#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 76 Resp: 698
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

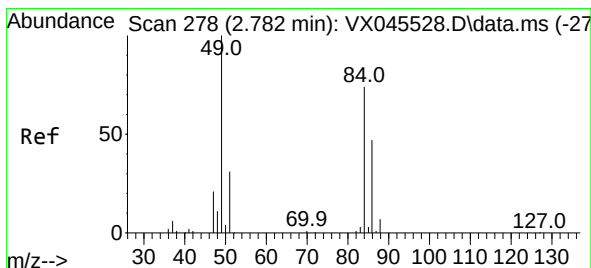
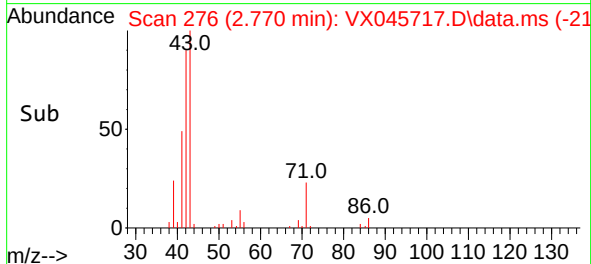
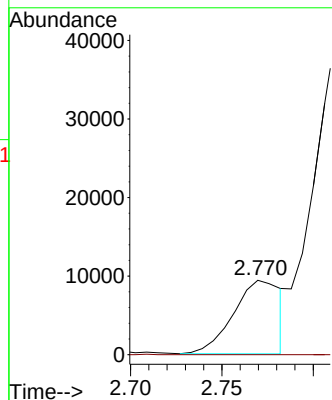
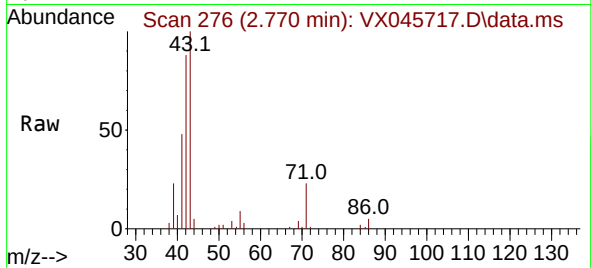




#18
Methyl Acetate
Concen: 15.370 ug/l
RT: 2.770 min Scan# 21
Delta R.T. 0.067 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

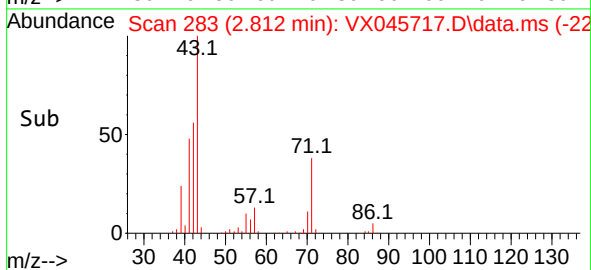
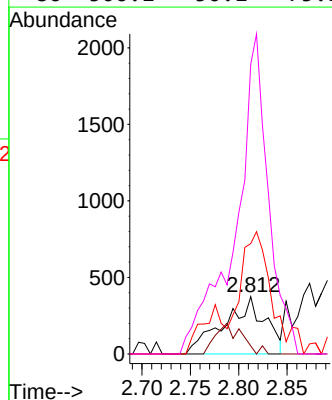
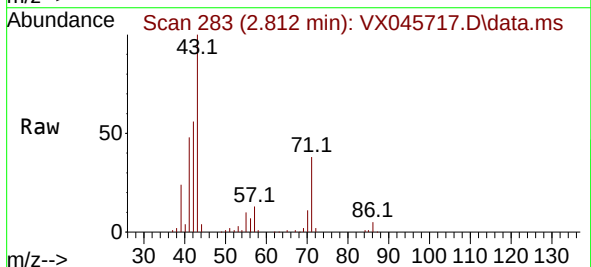
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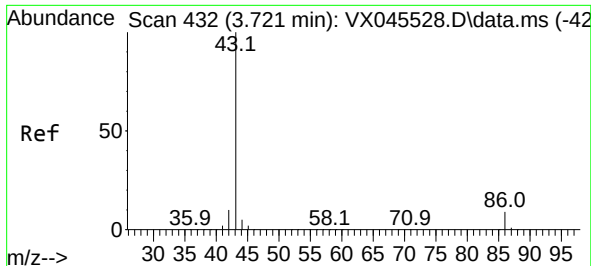
Tgt Ion: 43 Resp: 16836
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 1.235 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.030 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 13.9 107.5 161.3#
51 192.8 33.0 49.6#
86 506.1 50.1 75.1#

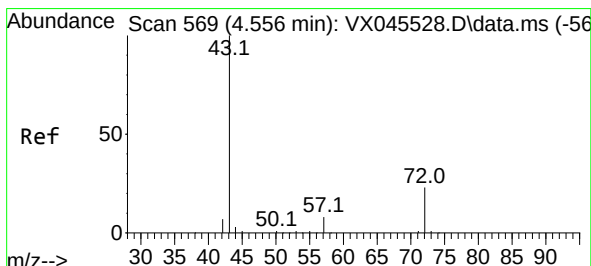
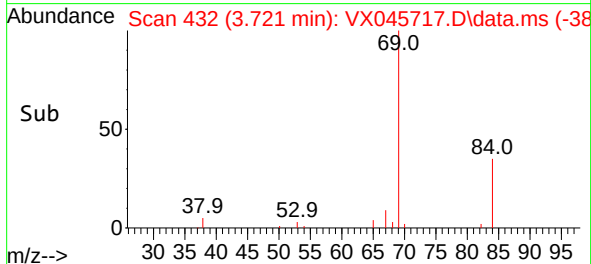
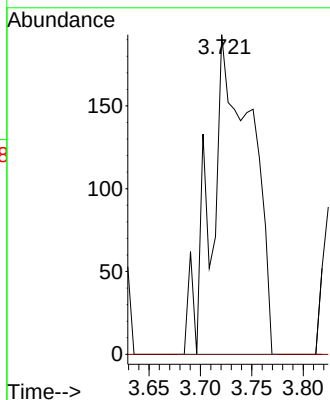
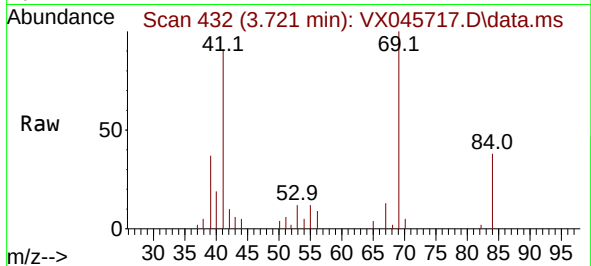




#23
 Vinyl Acetate
 Concen: 0.215 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

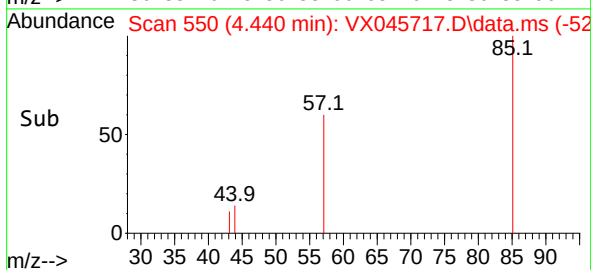
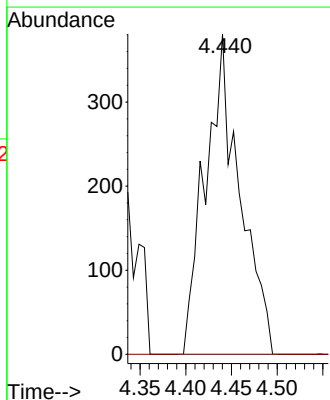
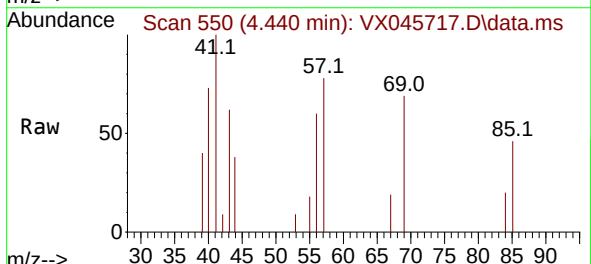
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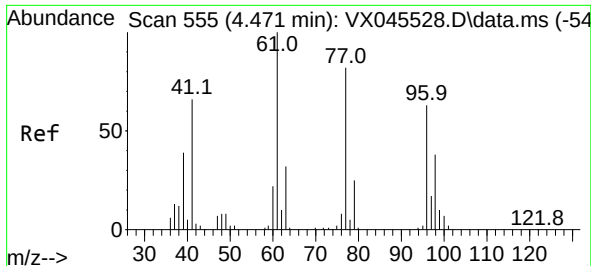
Tgt Ion: 43 Resp: 528
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 1.432 ug/l
 RT: 4.440 min Scan# 550
 Delta R.T. -0.116 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 997
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 28.0#

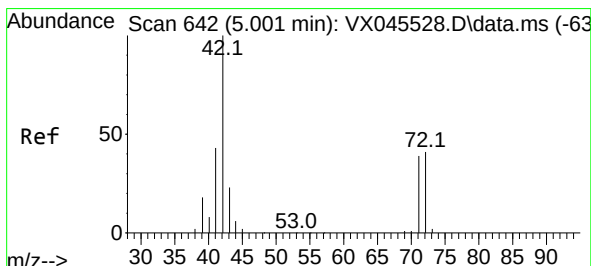
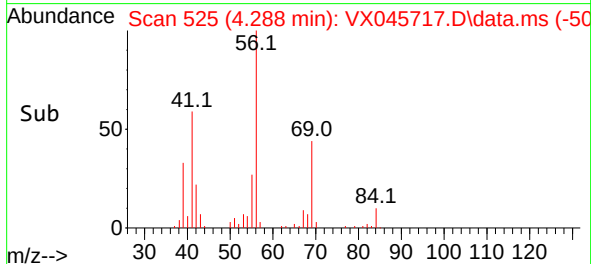
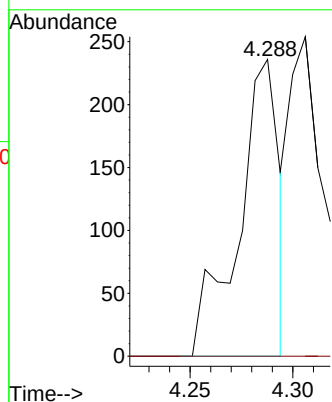
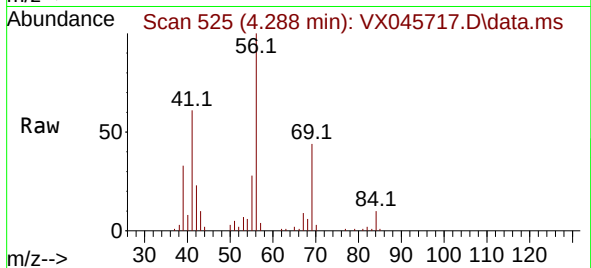




#26
2,2-Dichloropropane
Concen: 0.312 ug/l
RT: 4.288 min Scan# 51
Delta R.T. -0.183 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

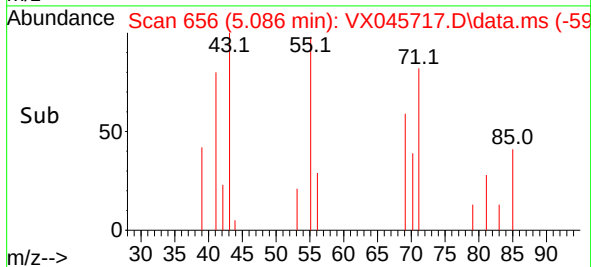
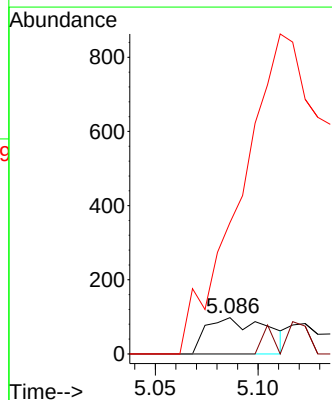
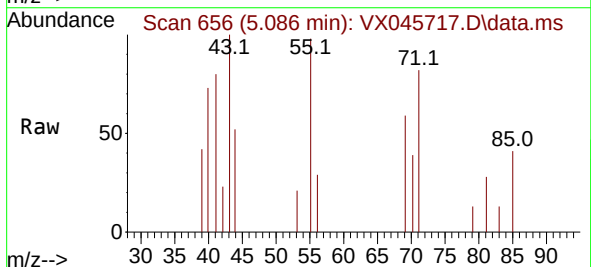
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

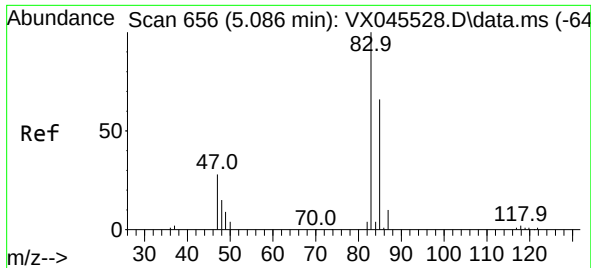
Tgt Ion: 77 Resp: 324
Ion Ratio Lower Upper
77 100
97 0.0 10.6 31.8#



#29
Tetrahydrofuran
Concen: 0.443 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.085 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 42 Resp: 200
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 0.0 31.4 47.0#

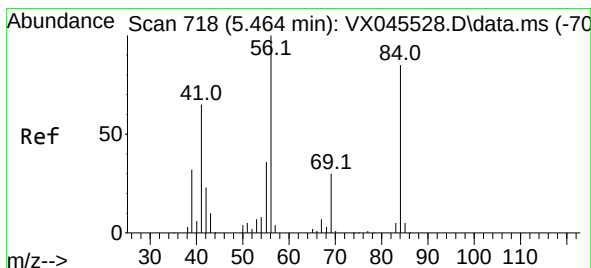
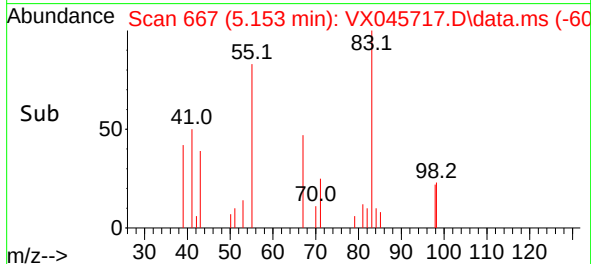
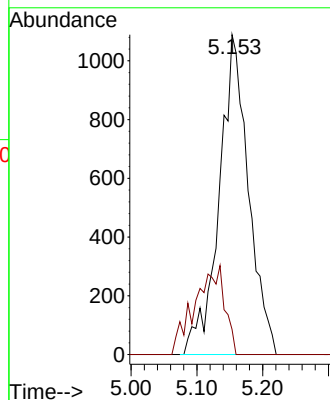
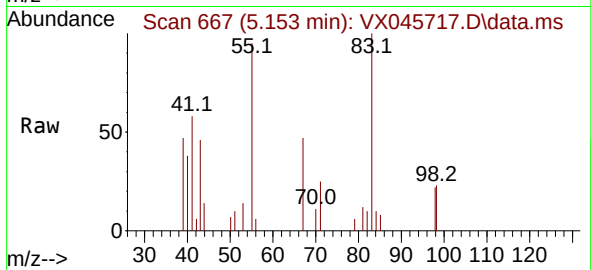




#30
Chloroform
Concen: 2.040 ug/l
RT: 5.153 min Scan# 667
Delta R.T. 0.067 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

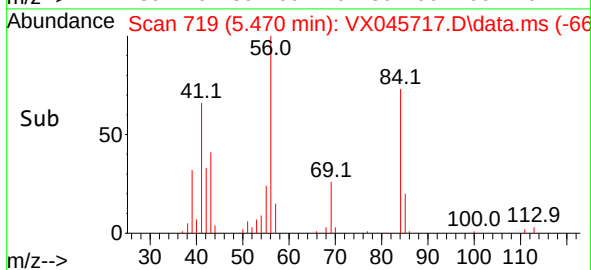
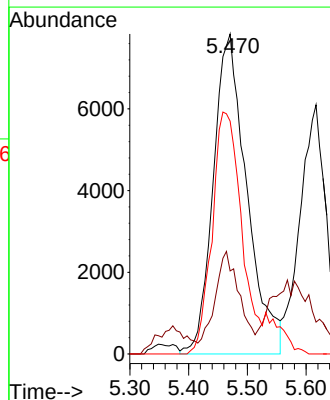
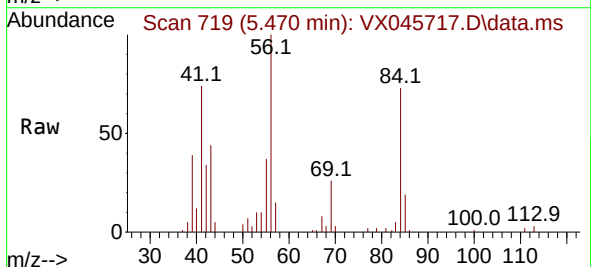
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

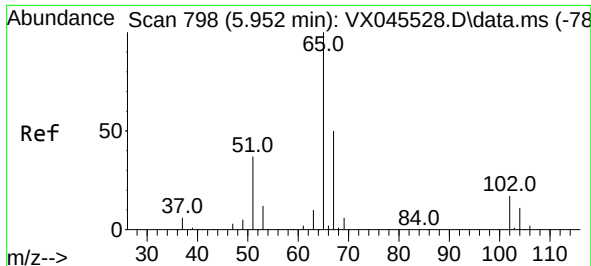
Tgt Ion: 83 Resp: 3374
Ion Ratio Lower Upper
83 100
85 7.9 52.8 79.2#



#31
Cyclohexane
Concen: 21.861 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 56 Resp: 31071
Ion Ratio Lower Upper
56 100
69 19.3 23.6 35.4#
84 73.4 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 52.019 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

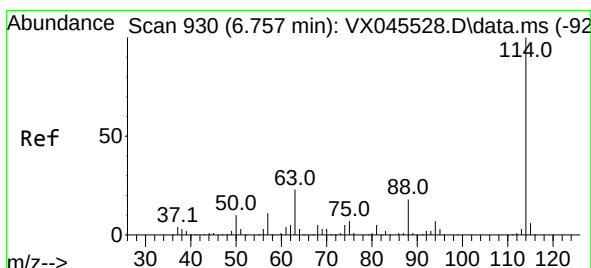
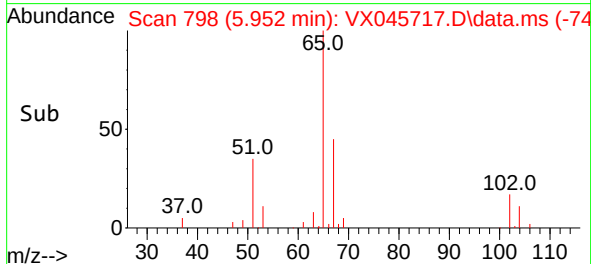
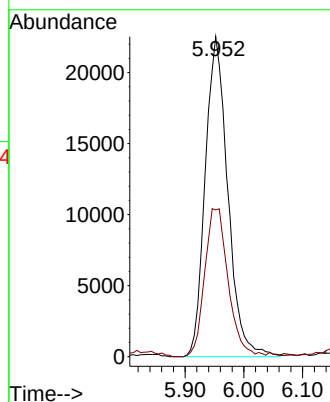
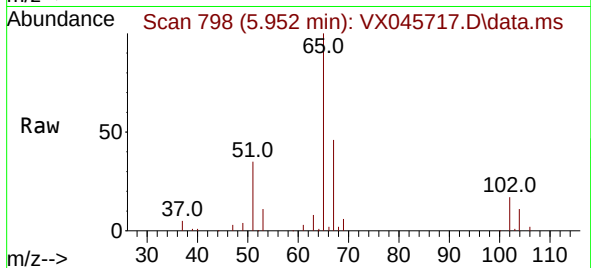
MW4DL

Tgt Ion: 65 Resp: 60270

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

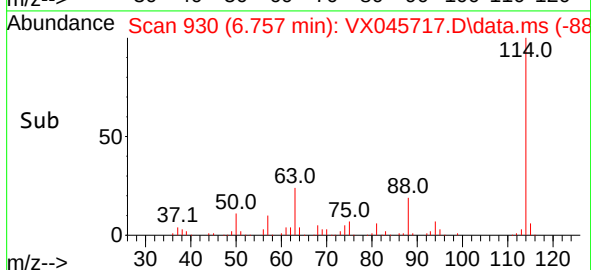
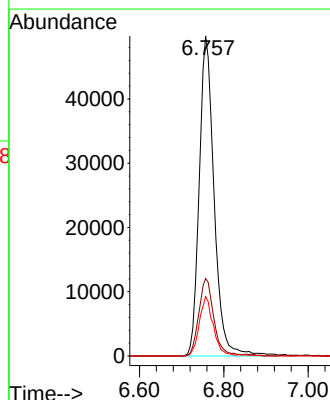
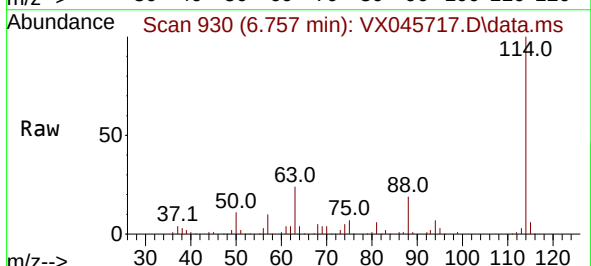
Tgt Ion: 114 Resp: 122653

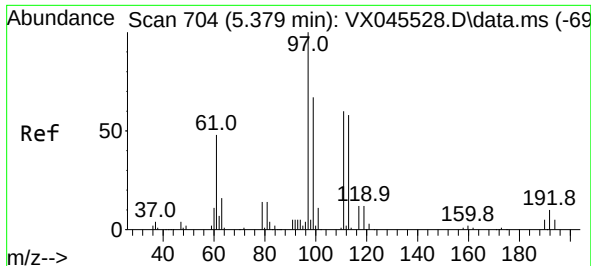
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 18.5 0.0 35.4

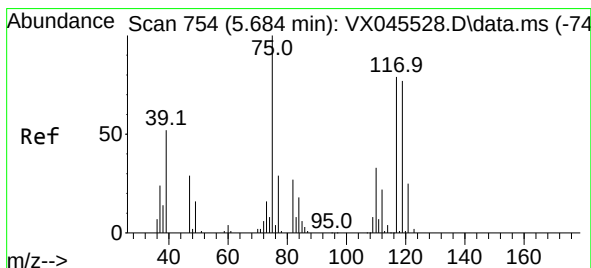
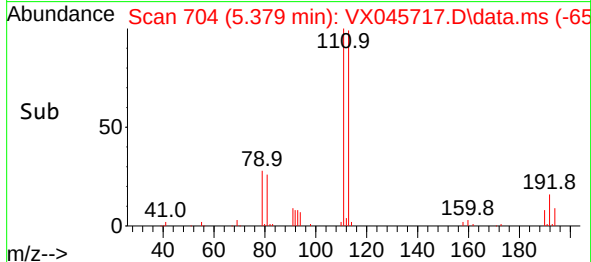
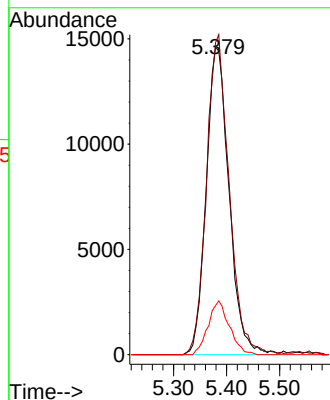
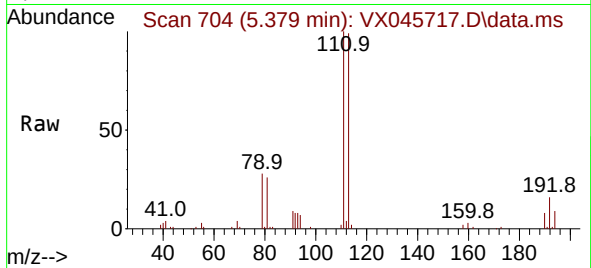




#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

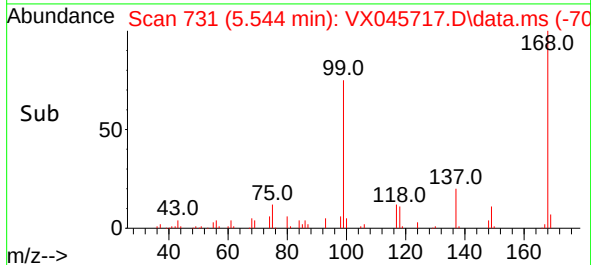
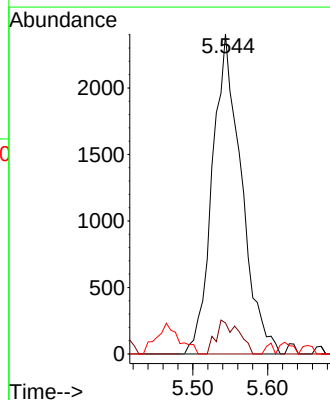
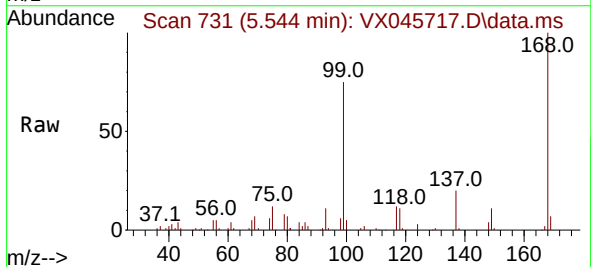
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

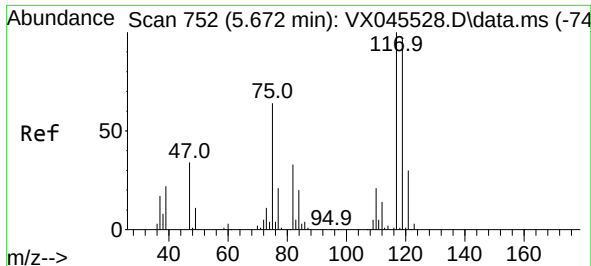
Tgt Ion:113 Resp: 43609
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.2 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.518 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

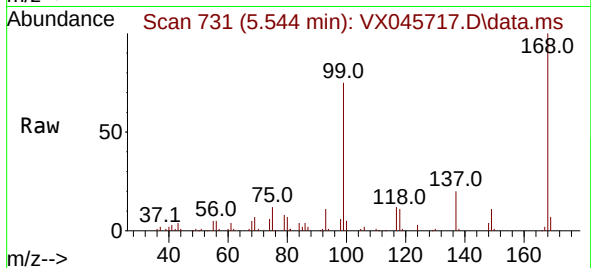
Tgt Ion: 75 Resp: 6484
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.6#
77 0.0 25.0 37.4#



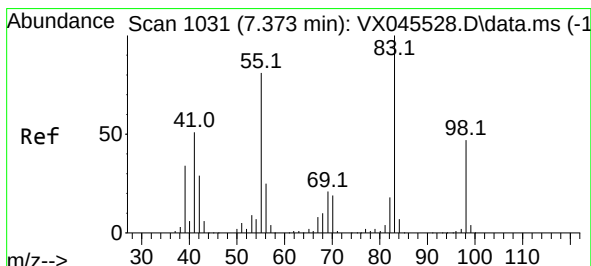
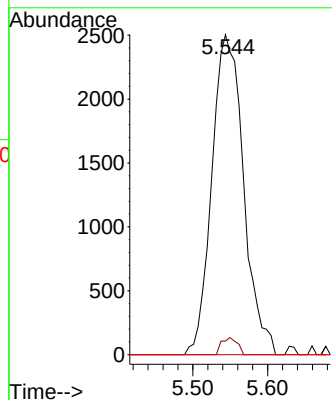
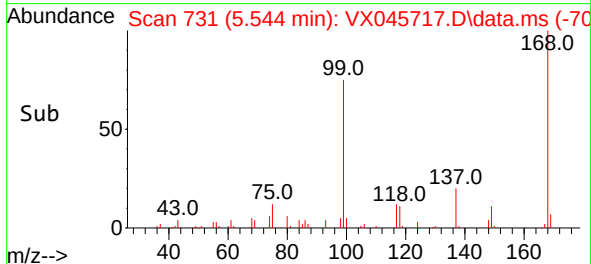


#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

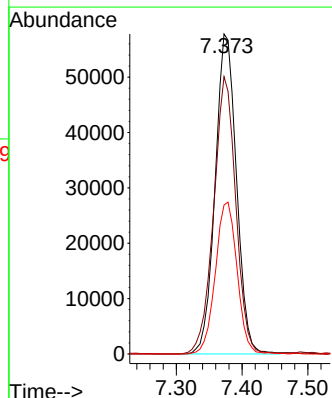
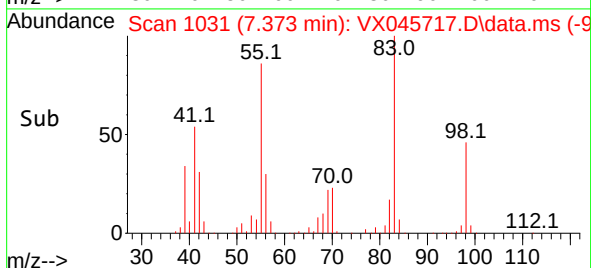
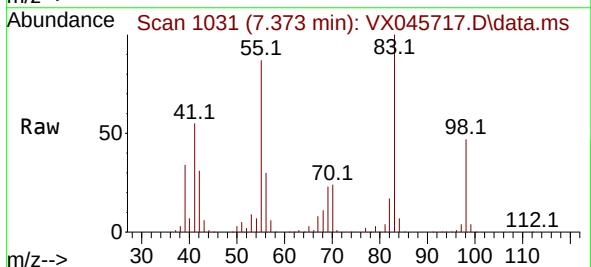


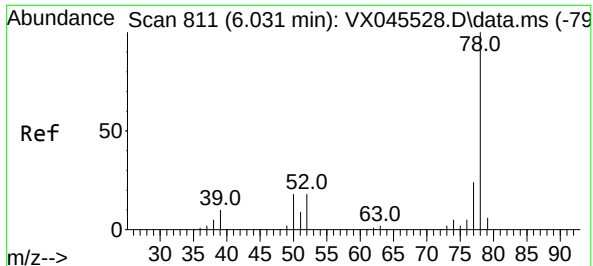
Tgt Ion:117 Resp: 7386
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 90.665 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 83 Resp: 130583
Ion Ratio Lower Upper
83 100
55 86.7 64.9 97.3
98 46.5 37.4 56.0

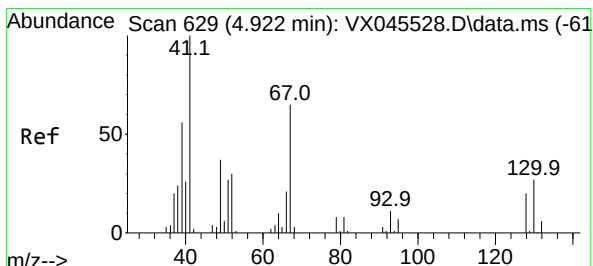
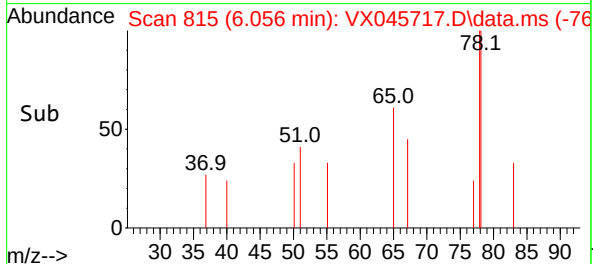
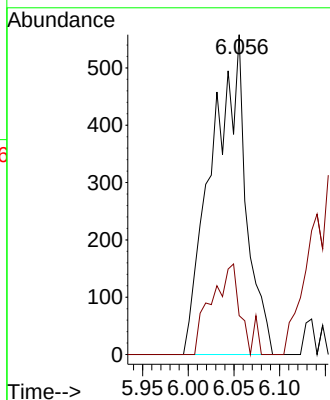
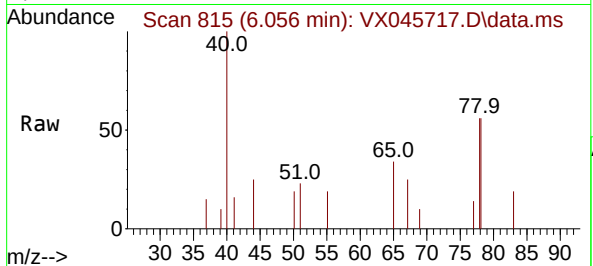




#40
Benzene
Concen: 0.408 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.024 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

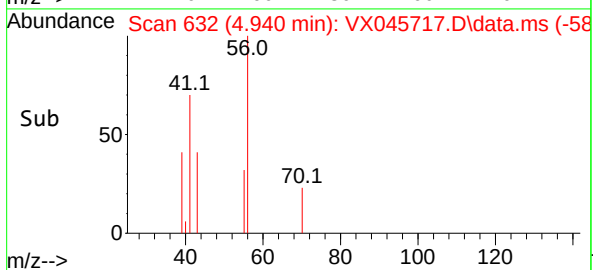
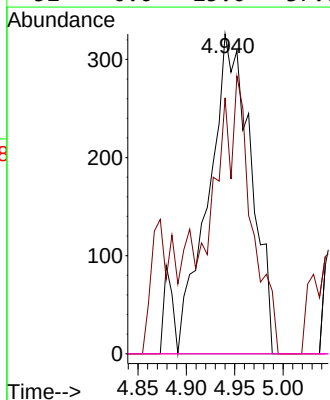
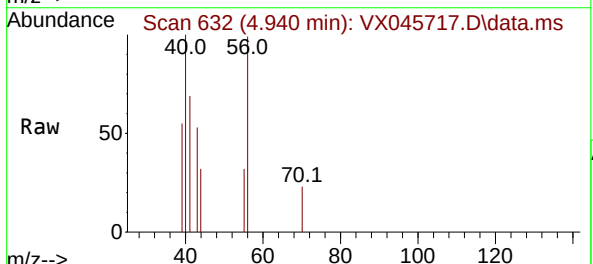
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

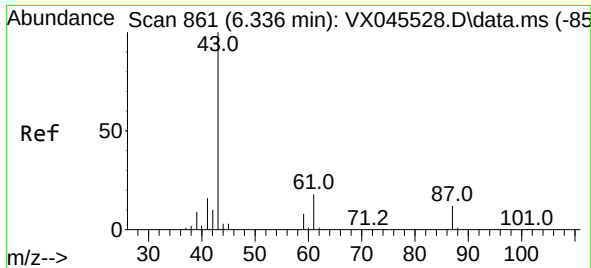
Tgt Ion: 78 Resp: 1464
Ion Ratio Lower Upper
78 100
77 12.2 19.0 28.6#



#41
Methacrylonitrile
Concen: 1.263 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.018 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 41 Resp: 987
Ion Ratio Lower Upper
41 100
39 74.9 47.0 70.6#
67 0.0 53.2 79.8#
52 0.0 25.0 37.6#

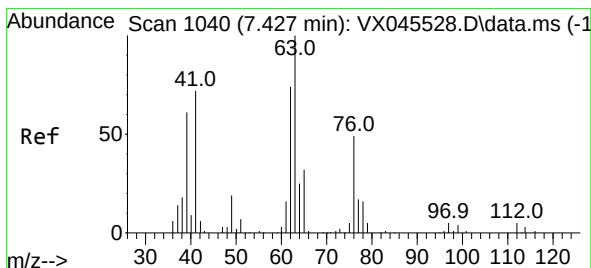
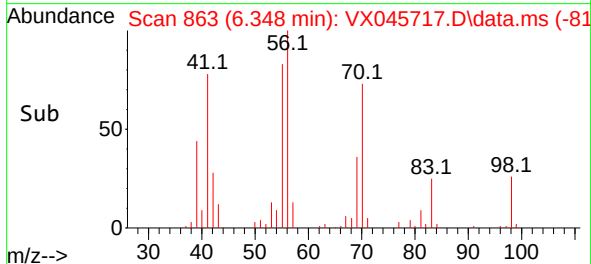
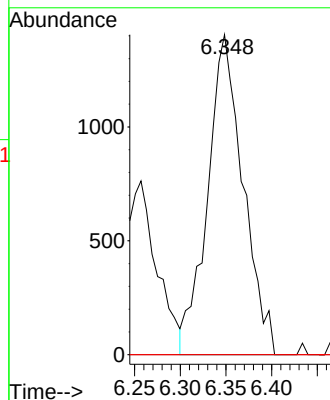
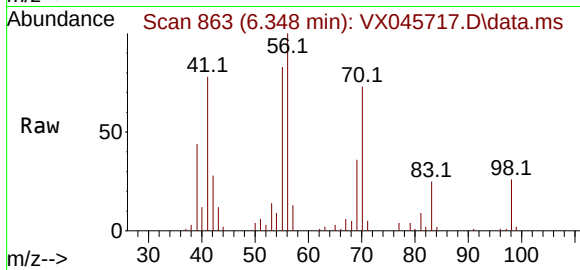




#43
Isopropyl Acetate
Concen: 1.690 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

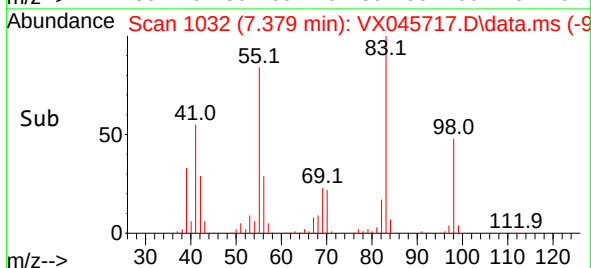
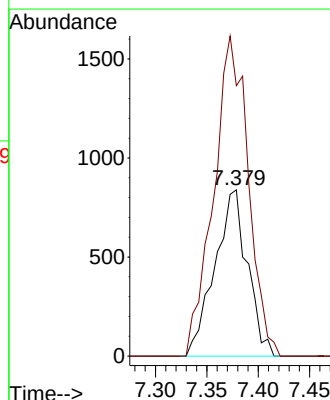
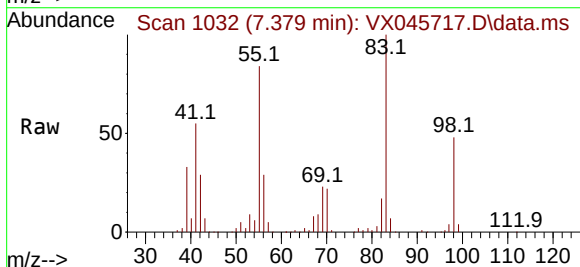
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

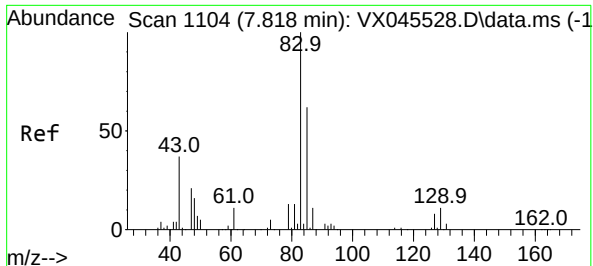
Tgt Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
61 0.0 14.1 21.1#
87 0.0 9.2 13.8#



#45
1,2-Dichloropropane
Concen: 2.065 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.049 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 63 Resp: 1849
Ion Ratio Lower Upper
63 100
65 162.7 25.8 38.6#





#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.049 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

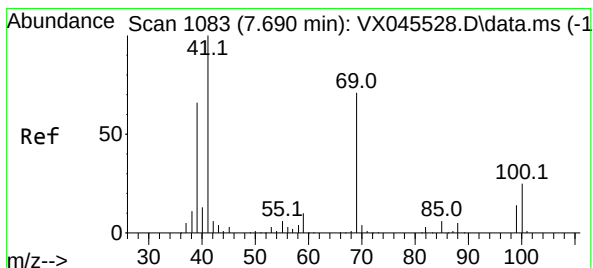
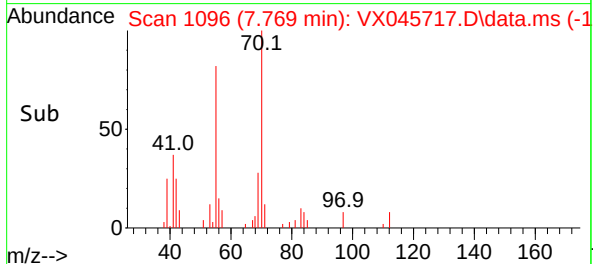
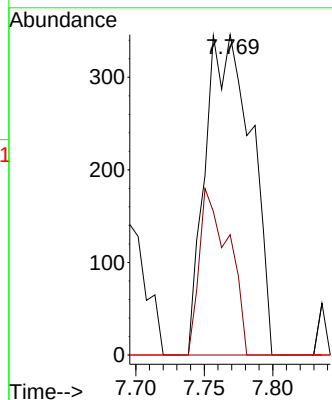
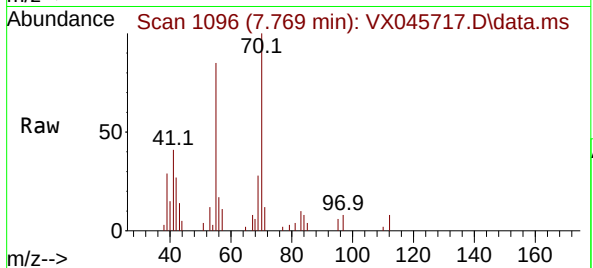
Tgt Ion: 83 Resp: 809

Ion Ratio Lower Upper

83 100

85 37.6 49.7 74.5#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 9.711 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.037 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

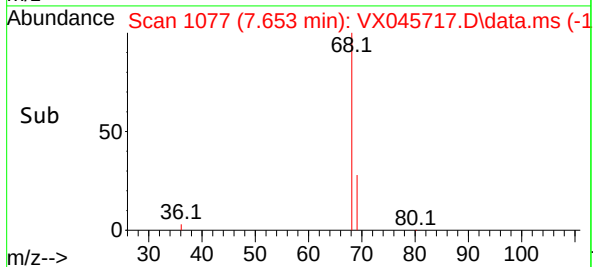
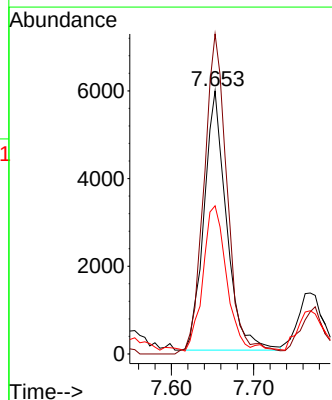
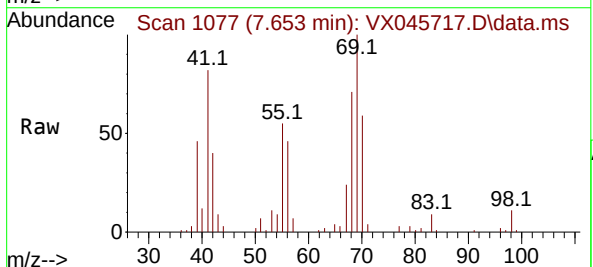
Tgt Ion: 41 Resp: 11253

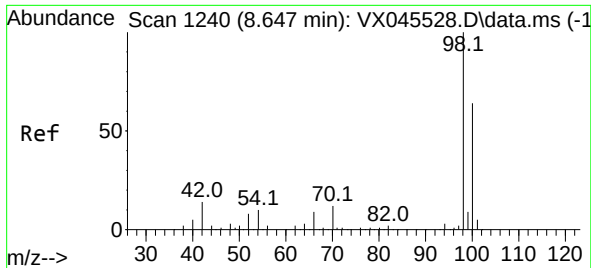
Ion Ratio Lower Upper

41 100

69 127.2 58.2 87.2#

39 57.9 53.6 80.4

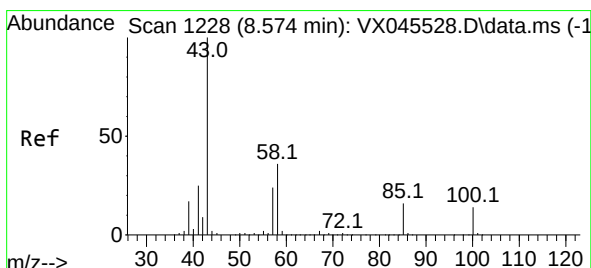
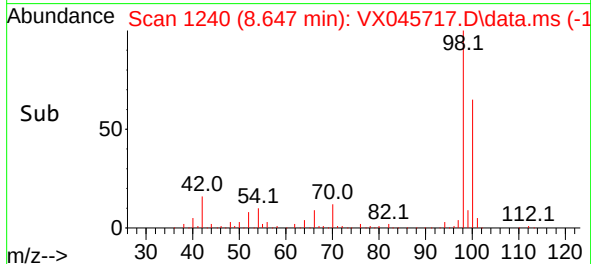
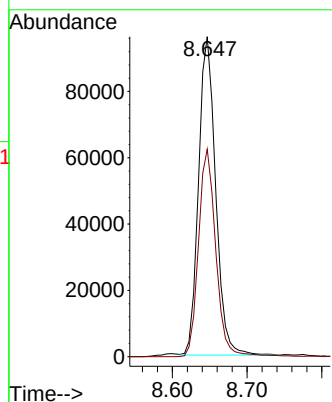
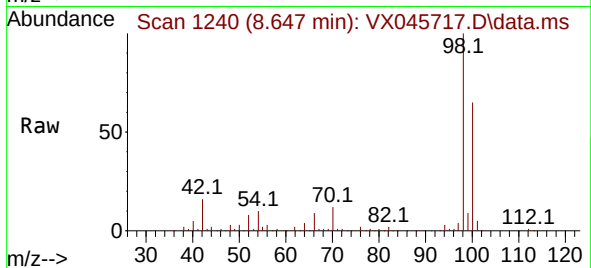




#50
Toluene-d8
Concen: 50.180 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

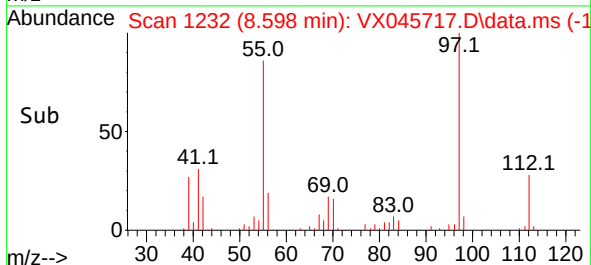
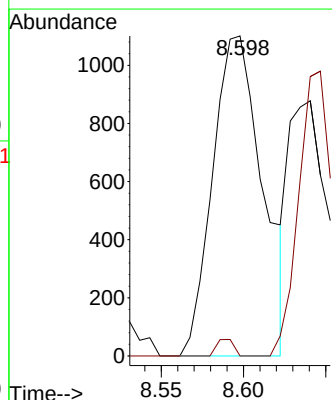
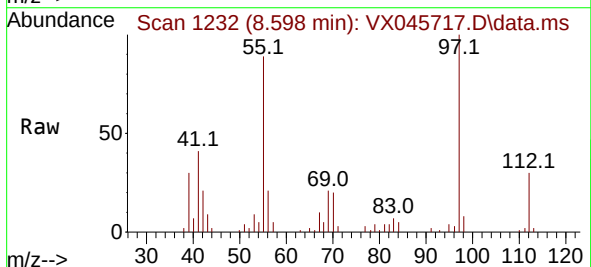
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

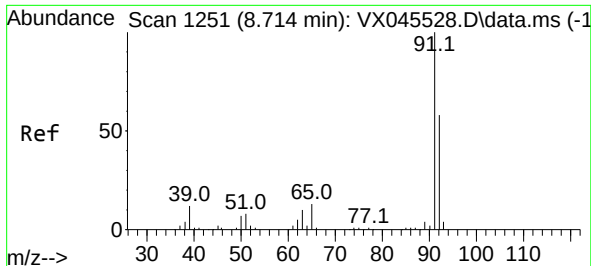
Tgt Ion: 98 Resp: 152418
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.559 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#

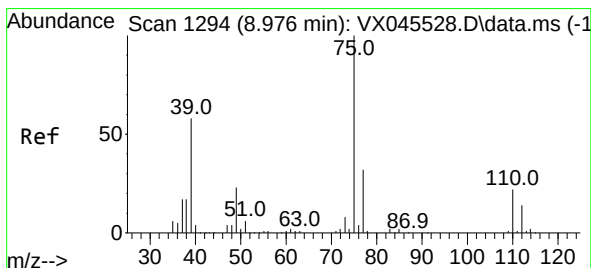
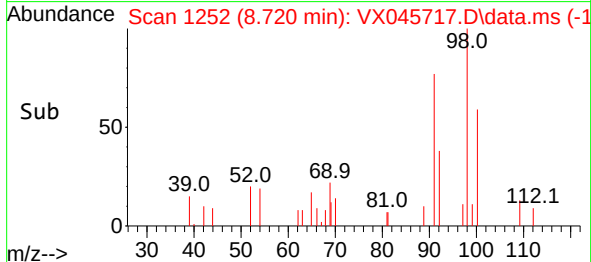
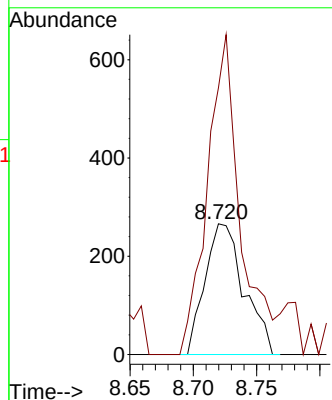
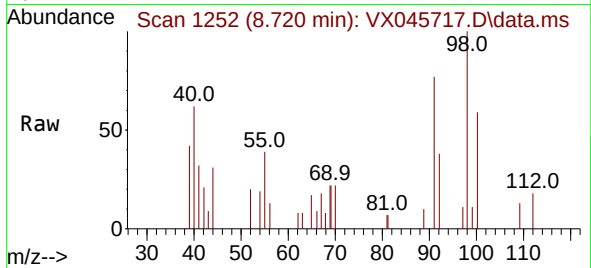




#52
Toluene
Concen: 0.263 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

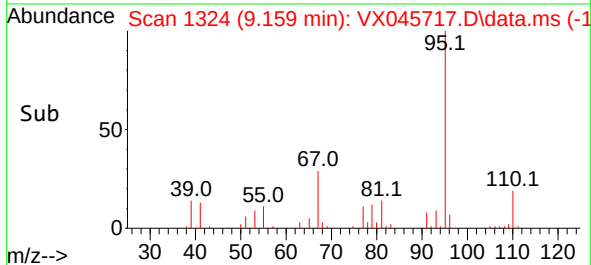
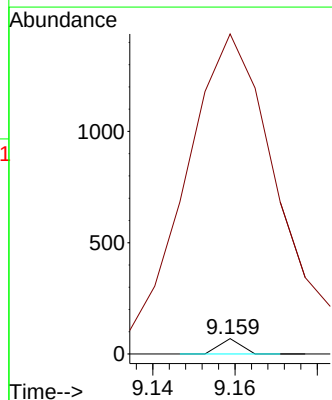
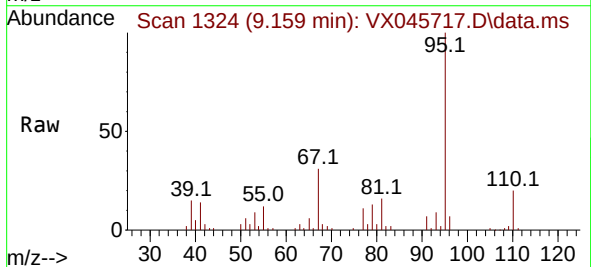
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

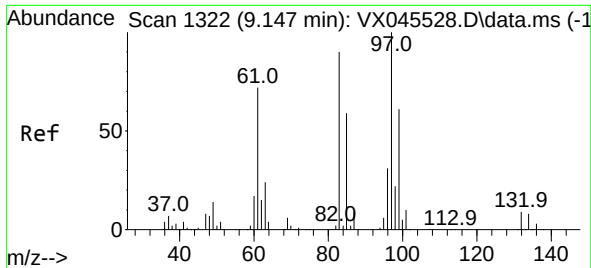
Tgt Ion: 92 Resp: 570
Ion Ratio Lower Upper
92 100
91 204.6 138.7 208.1



#53
t-1,3-Dichloropropene
Concen: 2.307 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.183 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 1094.2 25.4 38.0#

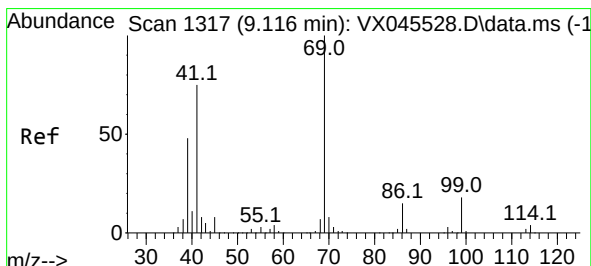
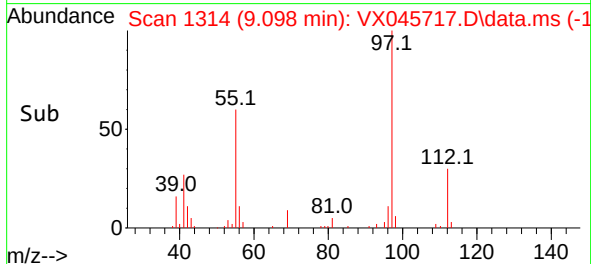
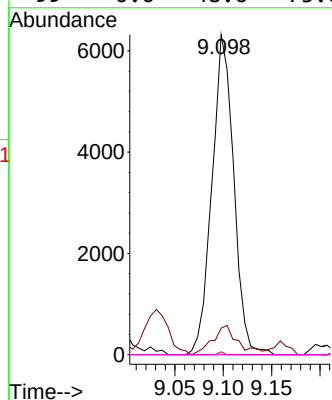
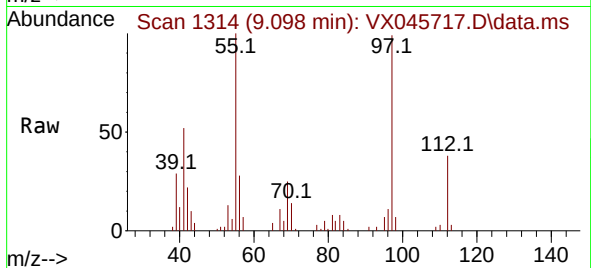




#55
1,1,2-Trichloroethane
Concen: 11.437 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

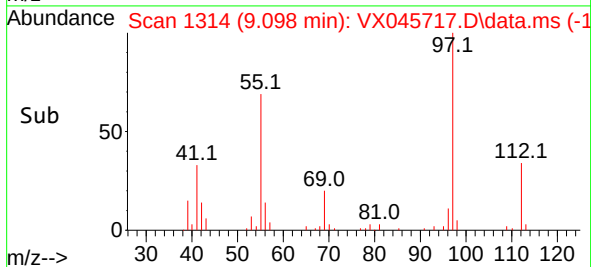
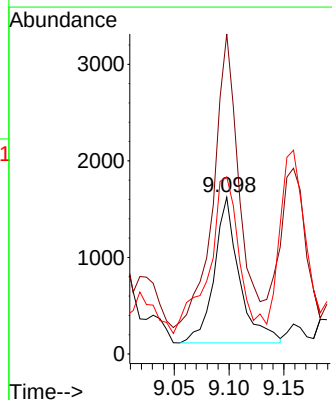
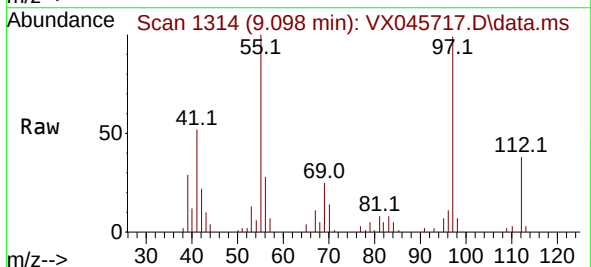
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

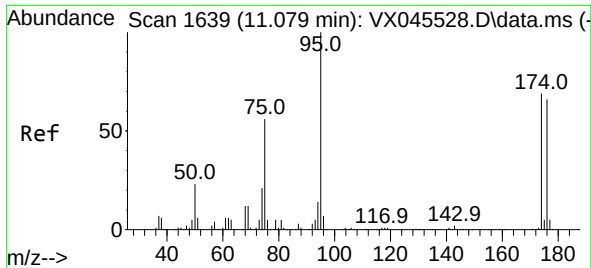
Tgt Ion:	97	Resp:	9896
Ion	Ratio	Lower	Upper
97	100		
83	6.6	71.8	107.8#
85	0.9	47.0	70.6#
99	0.0	48.6	73.0#



#56
Ethyl methacrylate
Concen: 1.801 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:	69	Resp:	2412
Ion	Ratio	Lower	Upper
69	100		
41	202.0	61.3	91.9#
39	130.0	40.2	60.2#

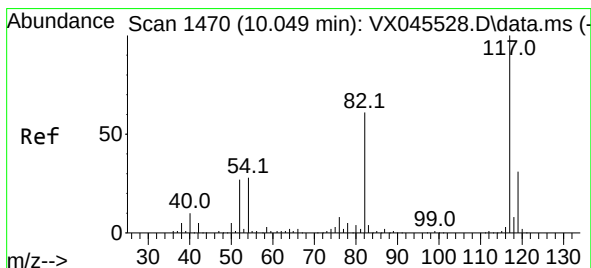
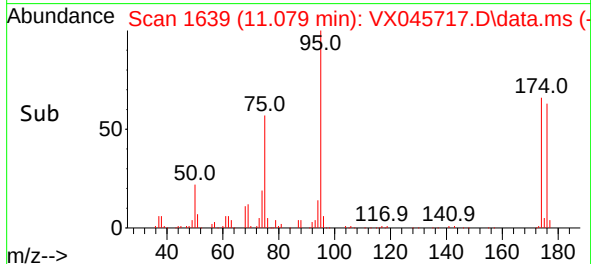
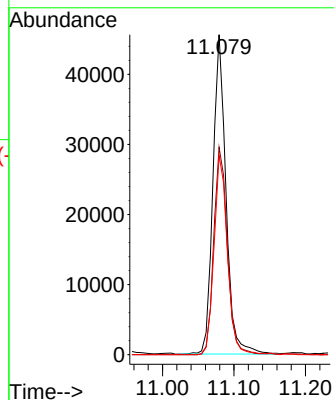
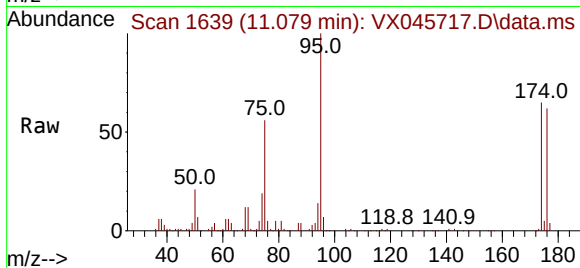




#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

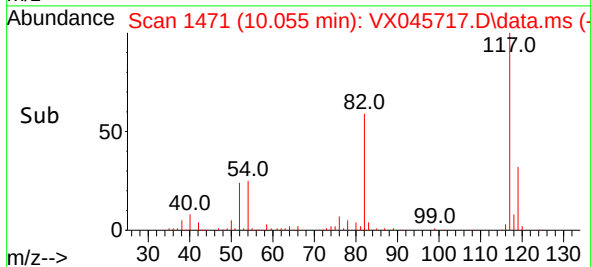
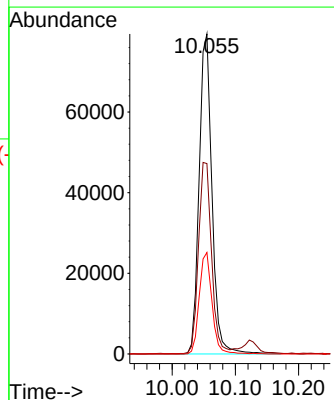
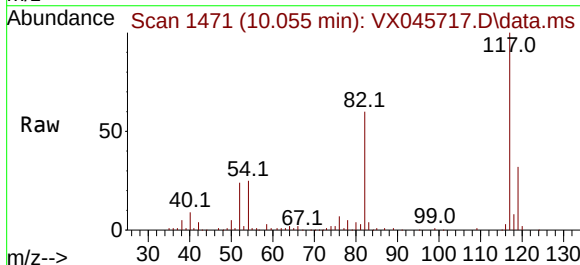
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

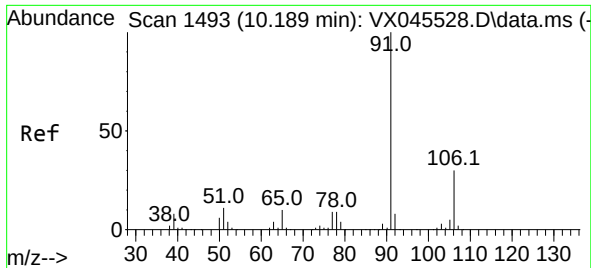
Tgt Ion: 95 Resp: 57788
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 117 Resp: 112188
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 31.7 25.1 37.7

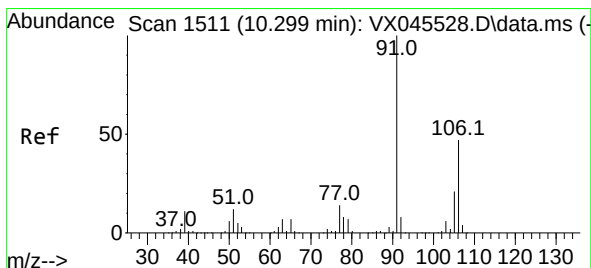
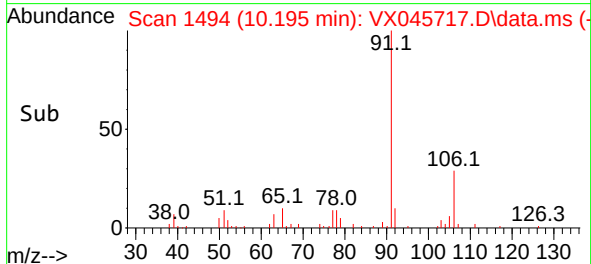
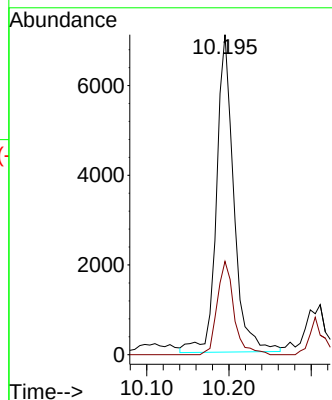
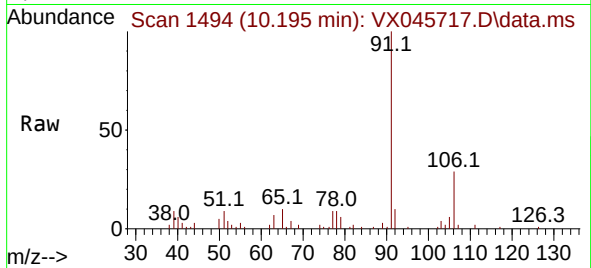




#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

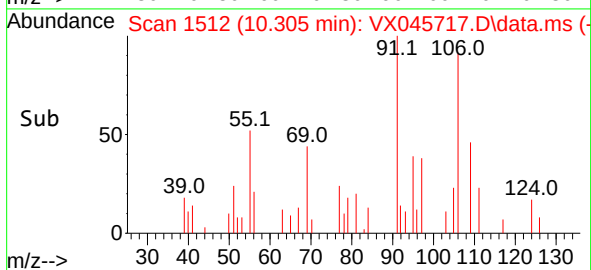
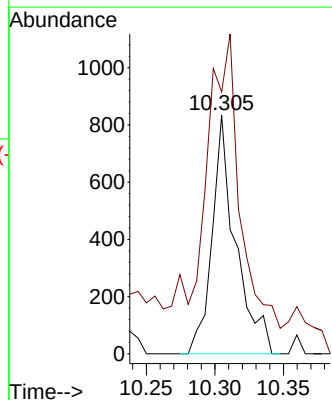
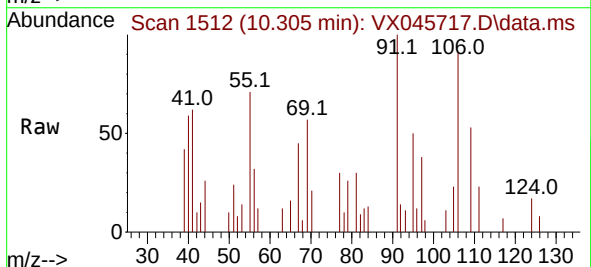
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

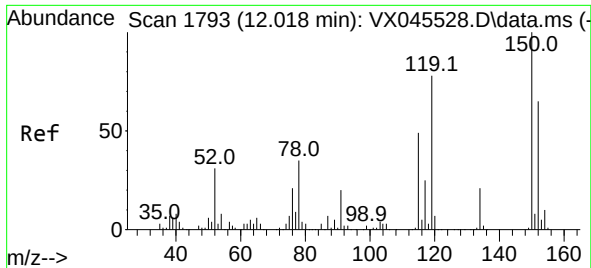
Tgt Ion: 91 Resp: 10349
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 0.637 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 106 Resp: 994
Ion Ratio Lower Upper
106 100
91 179.2 172.6 258.8

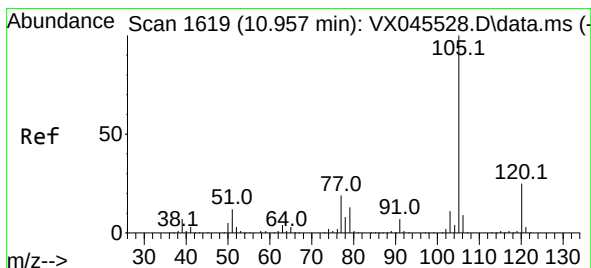
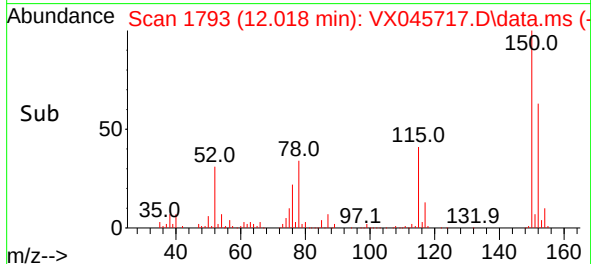
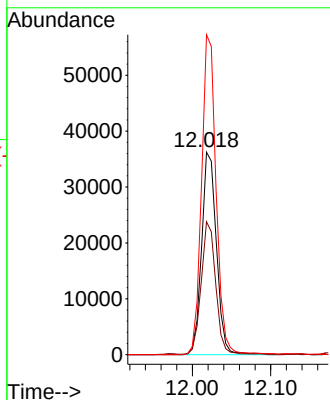
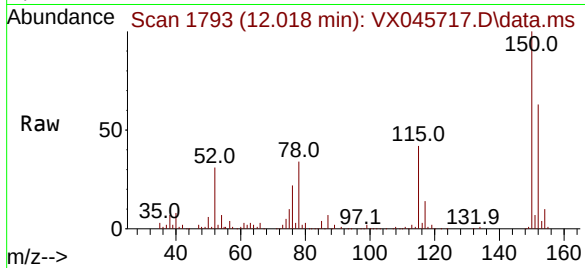




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

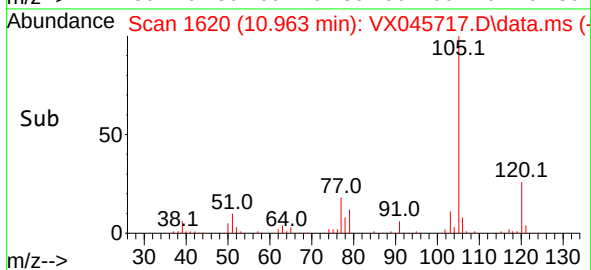
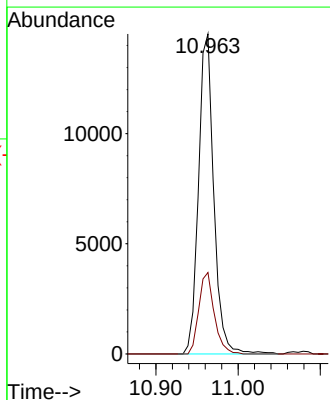
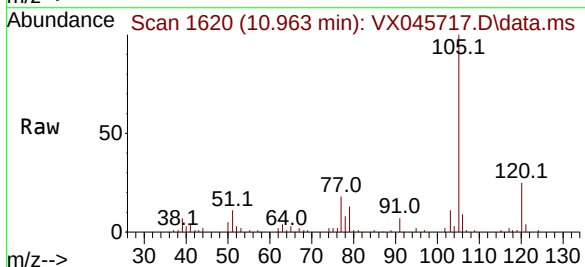
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

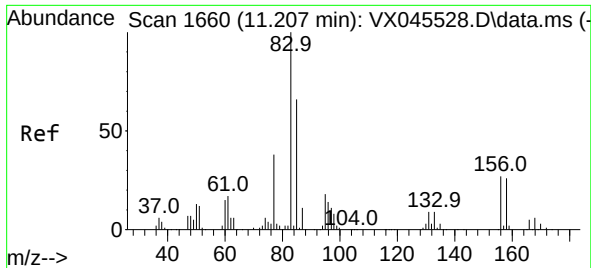
Tgt Ion:152 Resp: 47681
 Ion Ratio Lower Upper
 152 100
 115 64.8 46.9 140.7
 150 155.1 0.0 349.4



#73
 Isopropylbenzene
 Concen: 4.911 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.006 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion:105 Resp: 18757
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.7 38.0

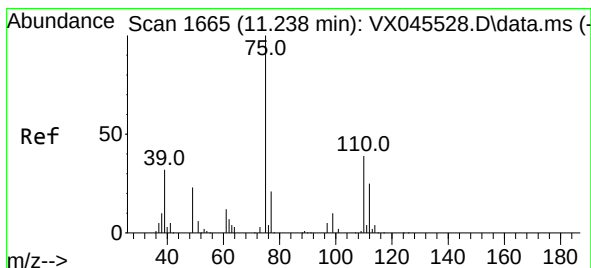
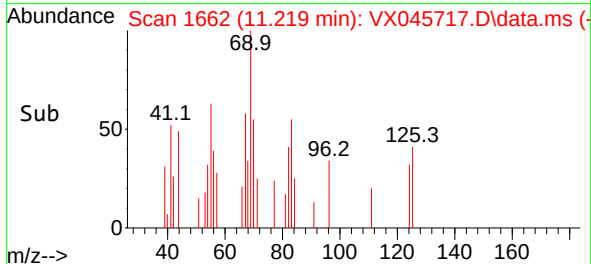
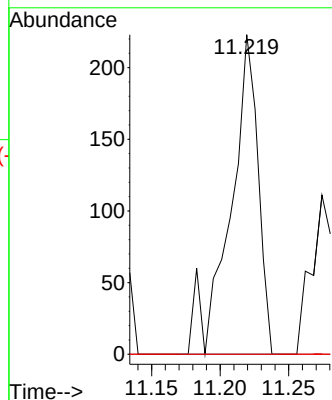
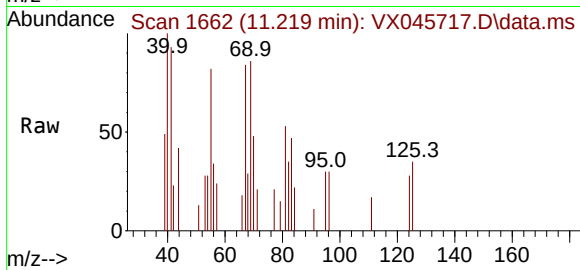




#75
 1,1,2-Tetrachloroethane
 Concen: 0.236 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. 0.012 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

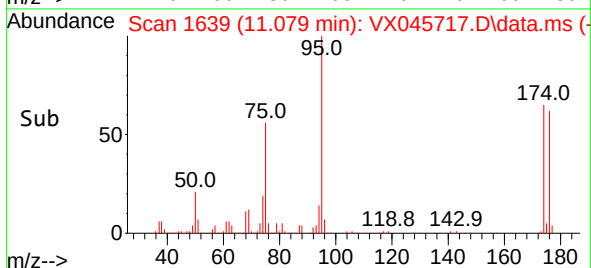
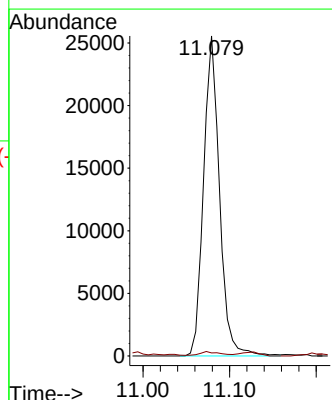
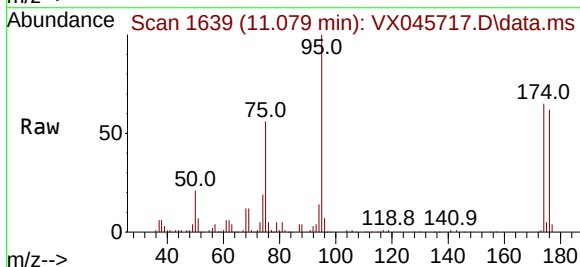
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

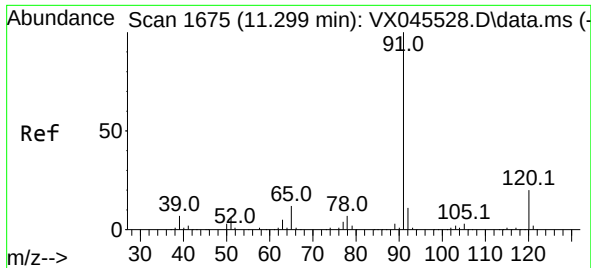
Tgt Ion: 83 Resp: 317
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.1#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 28.141 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion: 75 Resp: 32729
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.0 59.9#

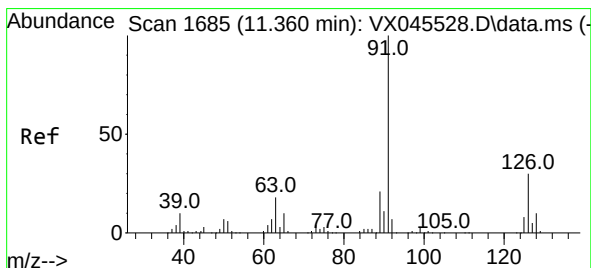
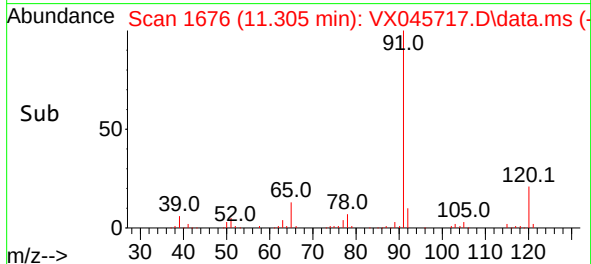
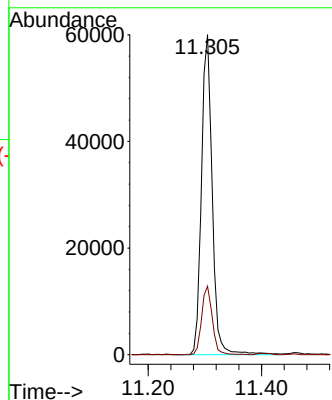
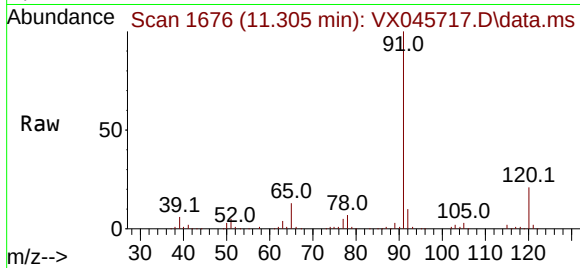




#78
n-propylbenzene
Concen: 17.953 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

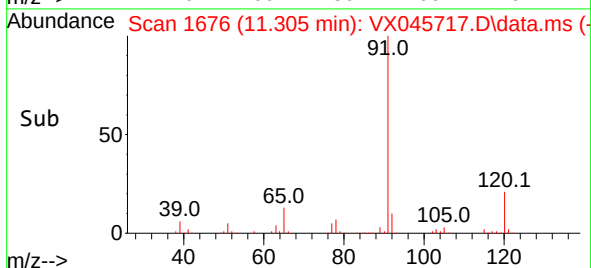
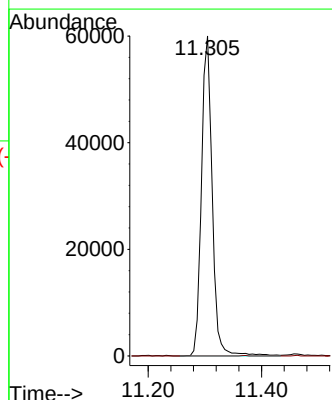
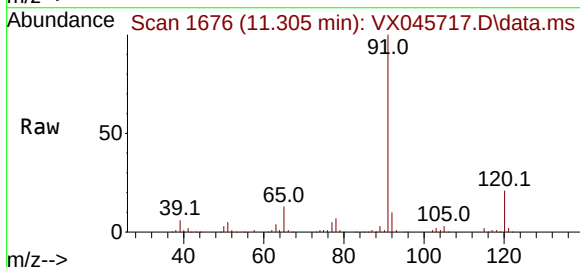
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

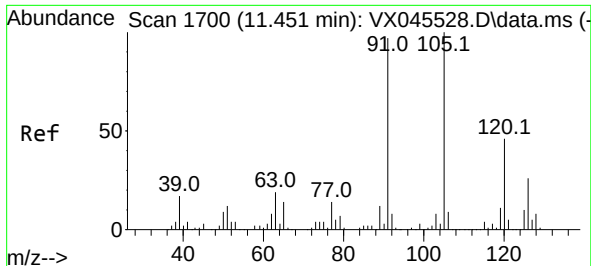
Tgt Ion: 91 Resp: 78977
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.3



#79
2-Chlorotoluene
Concen: 28.082 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.055 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 78977
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

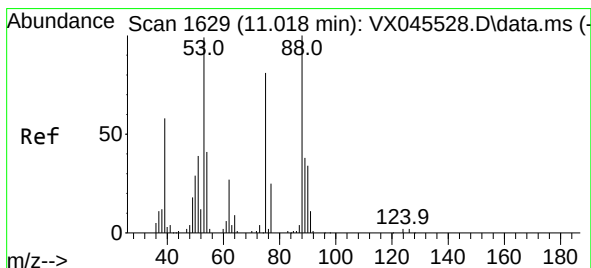
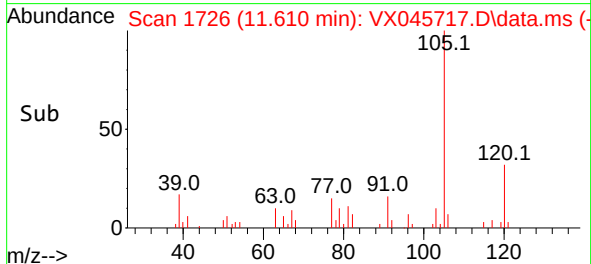
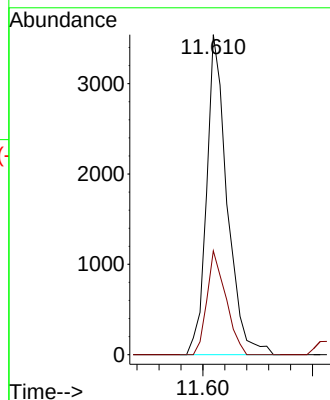
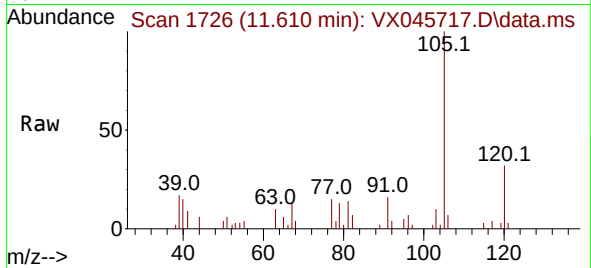




#80
 1,3,5-Trimethylbenzene
 Concen: 1.457 ug/l
 RT: 11.610 min Scan# 1700
 Delta R.T. 0.158 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

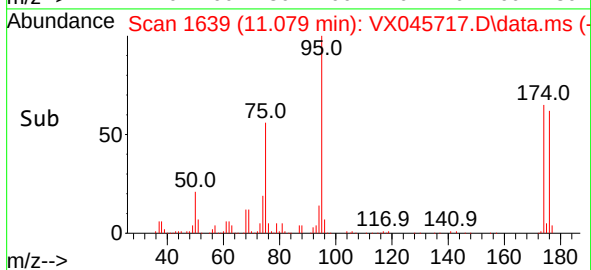
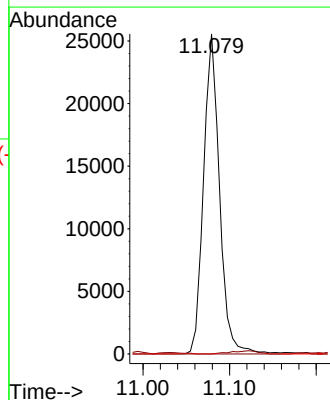
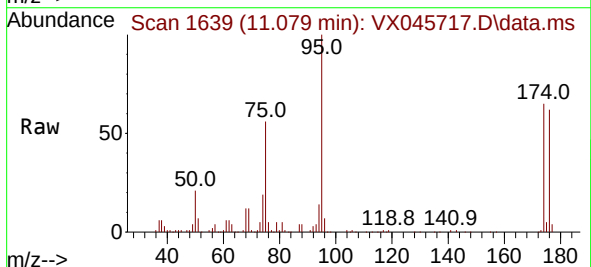
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

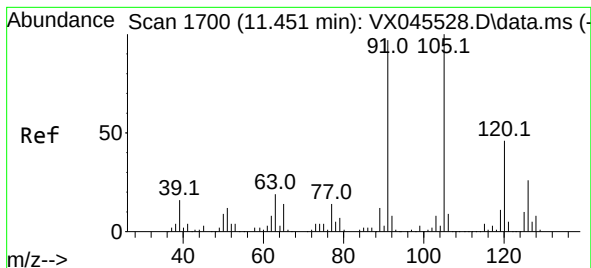
Tgt Ion:105 Resp: 4602
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.506 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion: 75 Resp: 32729
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 25.187 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.146 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

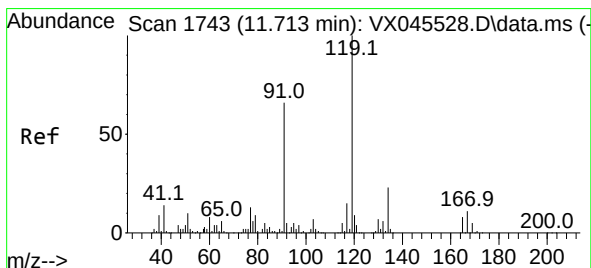
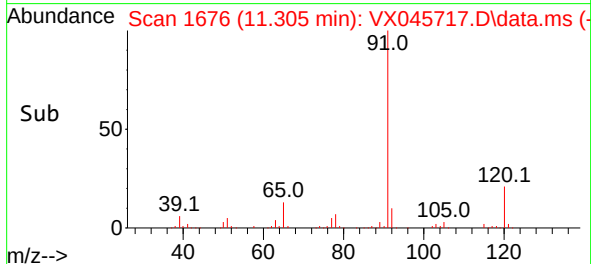
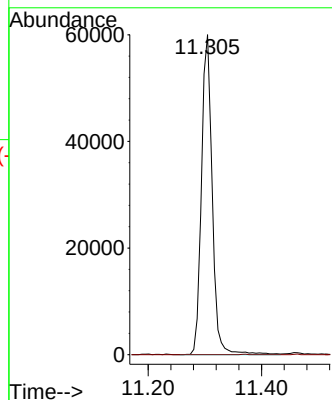
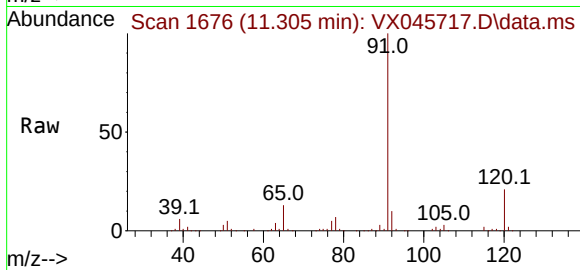
MW4DL

Tgt Ion: 91 Resp: 78977

Ion Ratio Lower Upper

91 100

126 0.0 13.3 39.9#



#83

tert-Butylbenzene

Concen: 0.677 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

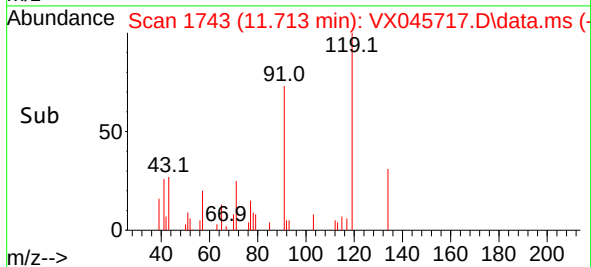
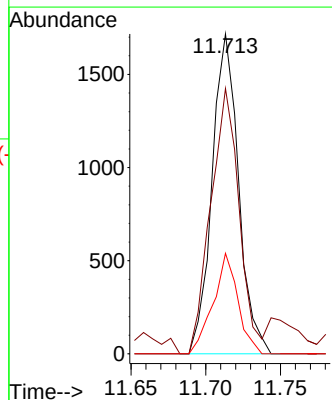
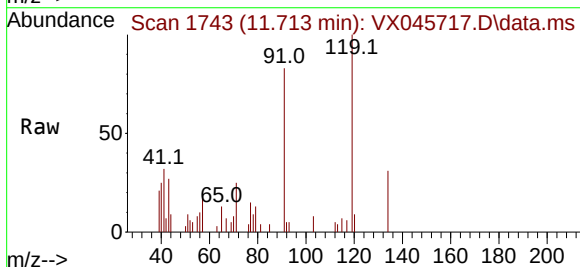
Tgt Ion: 119 Resp: 2116

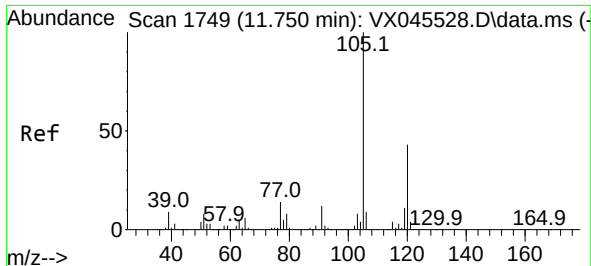
Ion Ratio Lower Upper

119 100

91 88.9 32.4 97.2

134 29.3 11.5 34.5

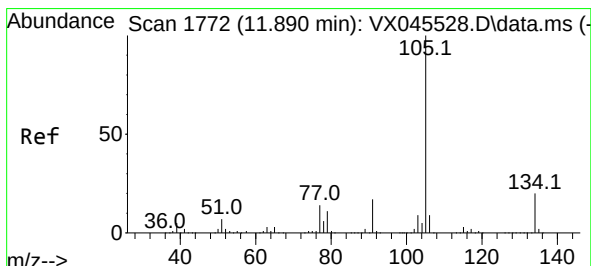
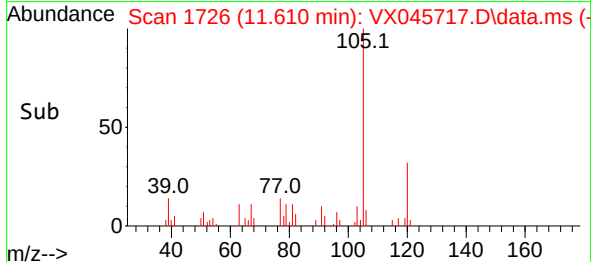
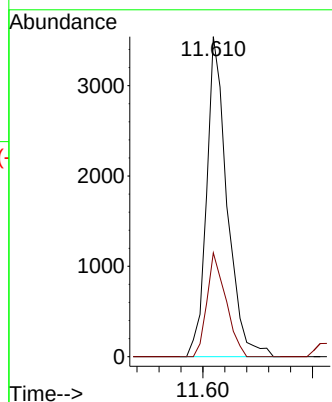
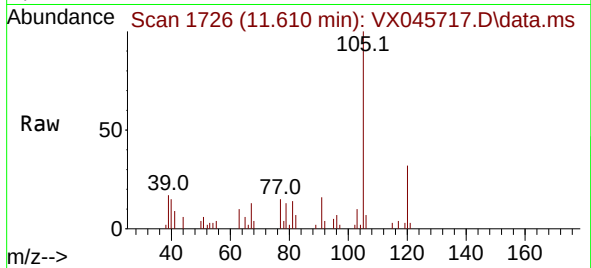




#84
1,2,4-Trimethylbenzene
Concen: 1.452 ug/l
RT: 11.610 min Scan# 1726
Delta R.T. -0.140 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

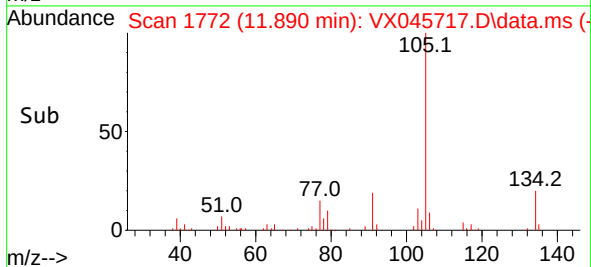
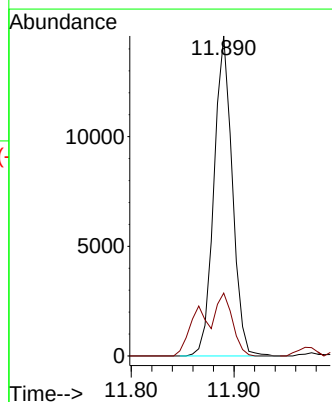
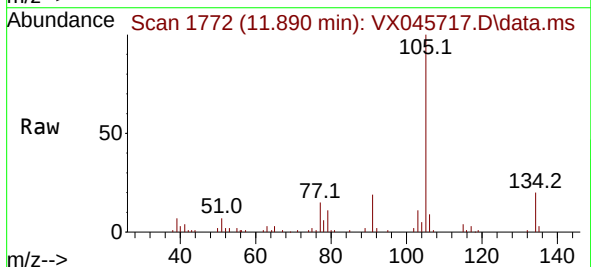
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

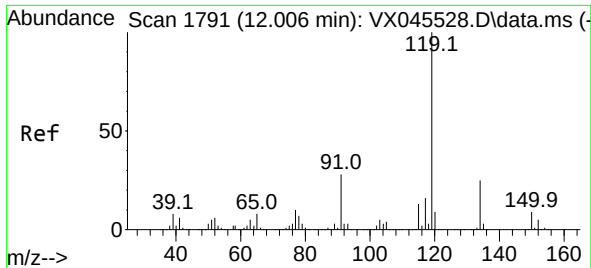
Tgt Ion:105 Resp: 4602
Ion Ratio Lower Upper
105 100
120 29.9 21.4 64.3



#85
sec-Butylbenzene
Concen: 4.703 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:105 Resp: 18063
Ion Ratio Lower Upper
105 100
134 17.3 9.6 28.6

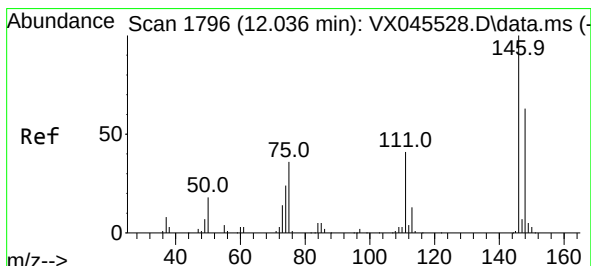
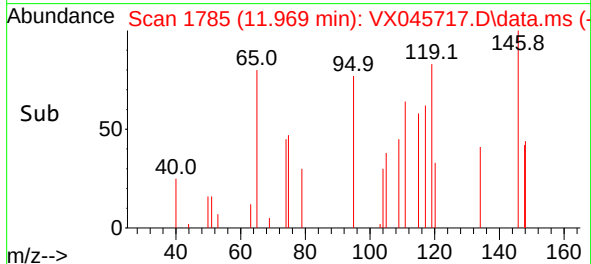
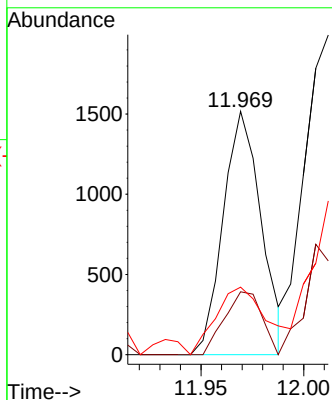
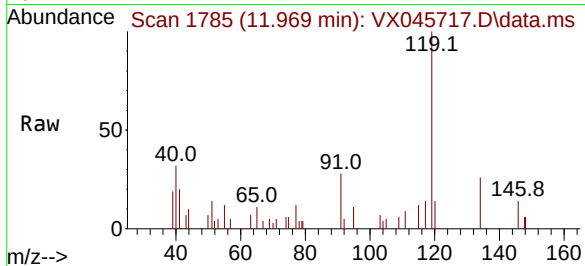




#86
p-Isopropyltoluene
Concen: 0.617 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.037 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

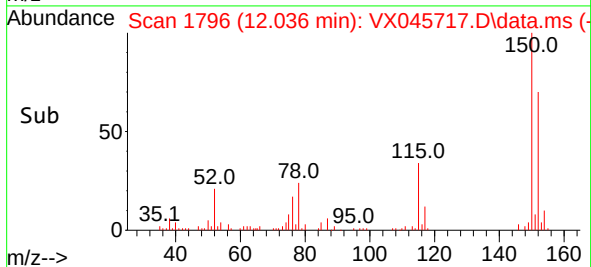
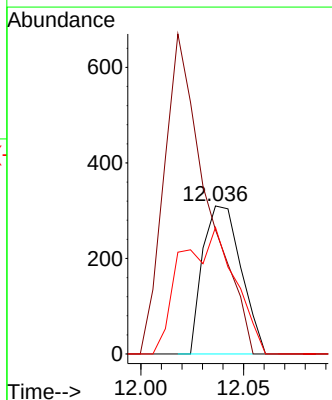
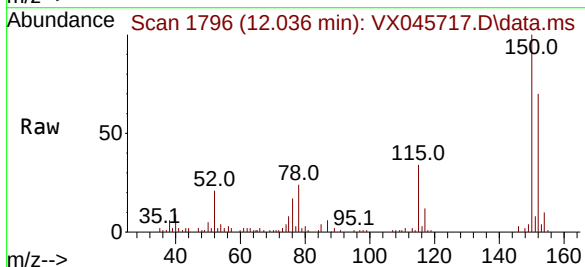
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

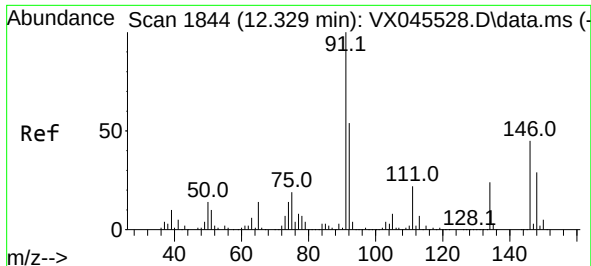
Tgt Ion:119 Resp: 1955
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 38.4 13.7 41.1



#88
1,4-Dichlorobenzene
Concen: 0.247 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:146 Resp: 402
Ion Ratio Lower Upper
146 100
111 242.0 20.9 62.8#
148 120.1 31.5 94.5#





#89

n-Butylbenzene

Concen: 9.650 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

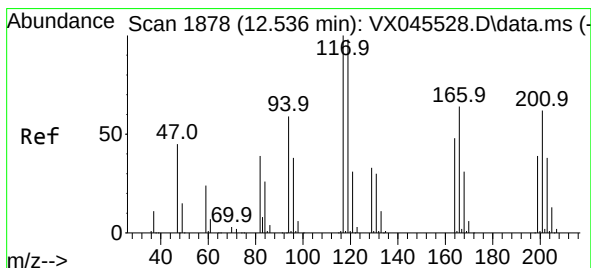
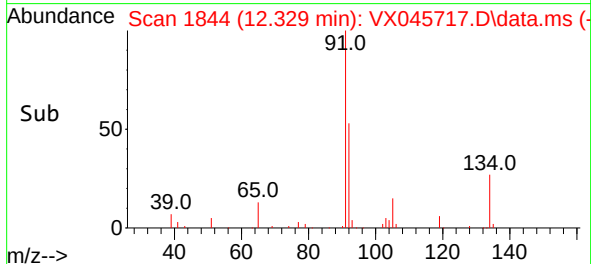
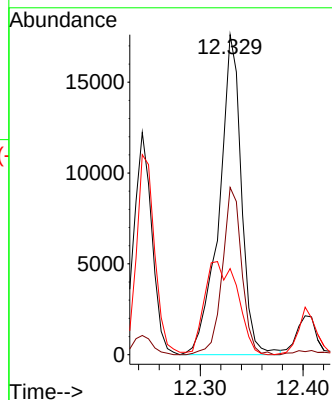
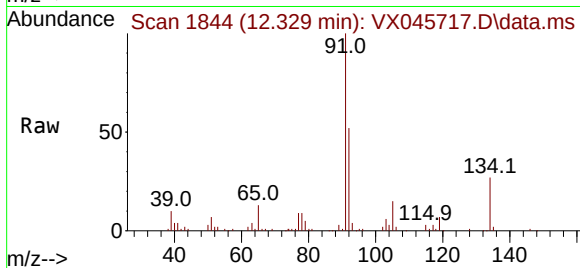
Tgt Ion: 91 Resp: 26495

Ion Ratio Lower Upper

91 100

92 45.5 26.9 80.6

134 43.5 11.9 35.7#



#90

Hexachloroethane

Concen: 23.450 ug/l

RT: 12.609 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX045717.D

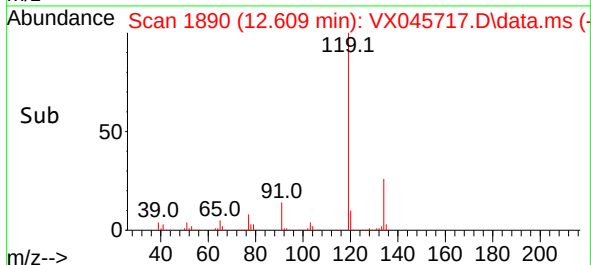
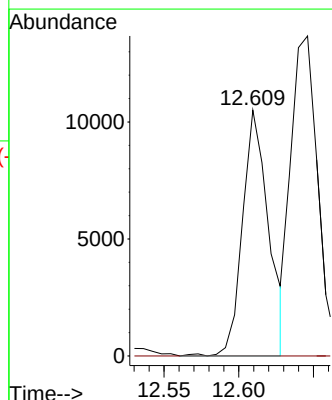
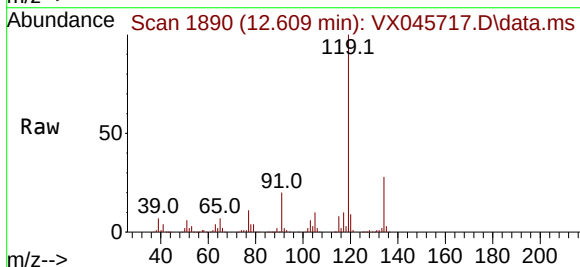
Acq: 11 Apr 2025 05:32

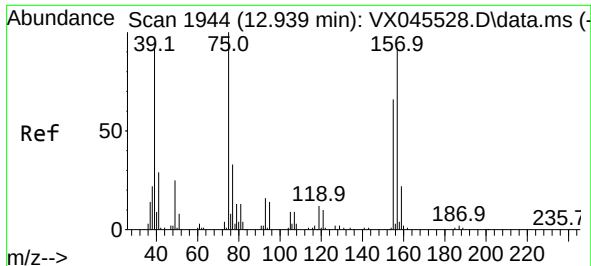
Tgt Ion: 117 Resp: 12760

Ion Ratio Lower Upper

117 100

201 0.0 31.2 93.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.306 ug/l

RT: 12.914 min Scan# 1940

Delta R.T. -0.024 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

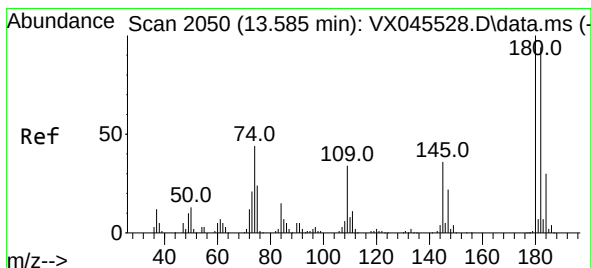
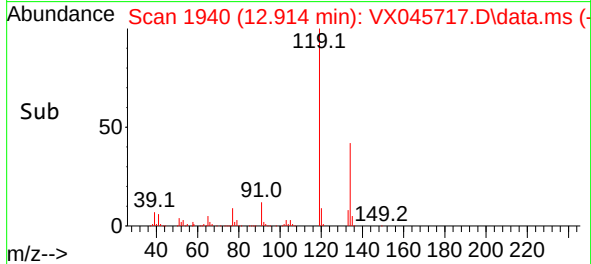
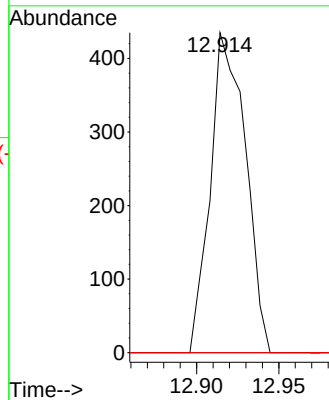
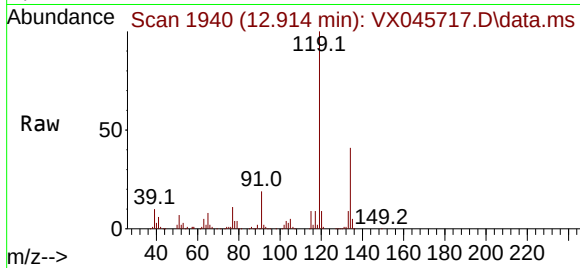
Tgt Ion: 75 Resp: 647

Ion Ratio Lower Upper

75 100

155 0.0 34.9 104.7#

157 0.0 44.9 134.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.494 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

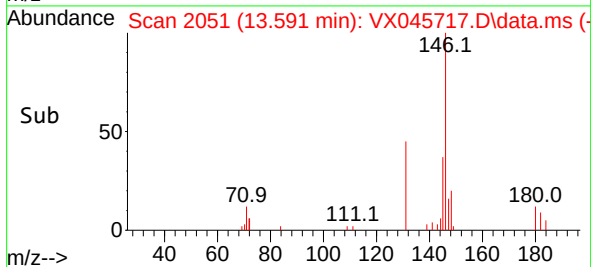
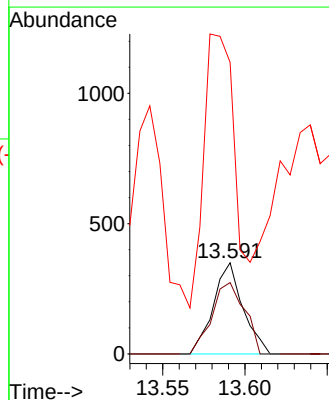
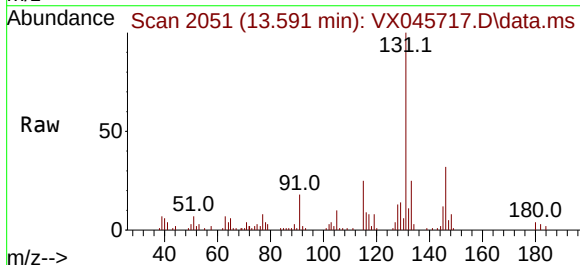
Tgt Ion: 180 Resp: 439

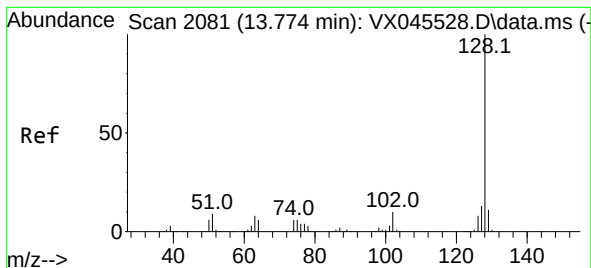
Ion Ratio Lower Upper

180 100

182 86.3 47.9 143.6

145 311.8 17.9 53.8#





#95

Naphthalene

Concen: 1.332 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

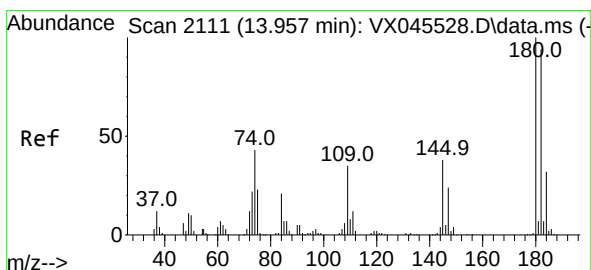
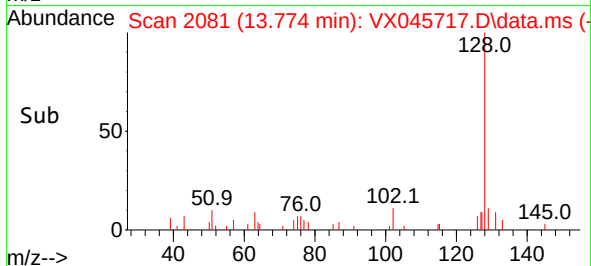
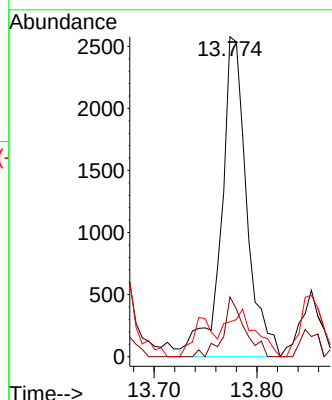
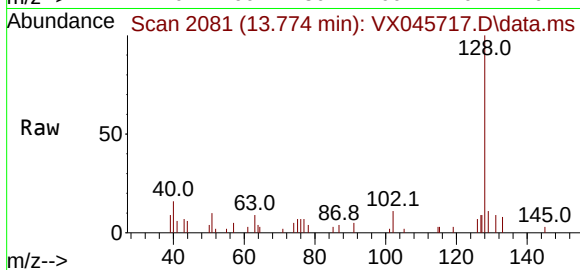
Instrument :

MSVOA_X

ClientSampleId :

MW4DL

Tgt Ion:128	Resp:	4406
Ion	Ratio	Lower Upper
128	100	
127	15.8	10.3 15.5#
129	16.8	8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.487 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Tgt Ion:180	Resp:	453
Ion	Ratio	Lower Upper
180	100	
182	102.6	47.3 141.8
145	268.0	18.2 54.6#

