

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045577.D
 Acq On : 03 Apr 2025 17:33
 Operator : JC/MD
 Sample : Q1711-03MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MSD

Quant Time: Apr 04 01:26:51 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	69182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59319	46.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.780%
35) Dibromofluoromethane	5.385	113	39562	44.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	8.647	98	138195	44.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.680%
62) 4-Bromofluorobenzene	11.079	95	51613	45.976	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47385	45.800	ug/l	98
3) Chloromethane	1.307	50	48184	45.333	ug/l	99
4) Vinyl Chloride	1.374	62	46952	48.269	ug/l	99
5) Bromomethane	1.593	94	19170	41.564	ug/l	99
6) Chloroethane	1.660	64	22694	43.974	ug/l	100
7) Trichlorofluoromethane	1.874	101	62192	42.876	ug/l	98
8) Diethyl Ether	2.136	74	20167	41.412	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	36175	42.560	ug/l	97
10) Methyl Iodide	2.441	142	46035	43.422	ug/l	100
11) Tert butyl alcohol	2.989	59	33642	197.862	ug/l	100
12) 1,1-Dichloroethene	2.306	96	35734	43.026	ug/l	97
13) Acrolein	2.233	56	56800	242.590	ug/l	99
14) Allyl chloride	2.660	41	67571	42.879	ug/l	99
15) Acrylonitrile	3.062	53	118586	220.948	ug/l	99
16) Acetone	2.386	43	113493	218.462	ug/l	98
17) Carbon Disulfide	2.502	76	83677	40.793	ug/l	99
18) Methyl Acetate	2.703	43	51227	42.828	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	118298	40.718	ug/l	97
20) Methylene Chloride	2.782	84	41717	42.893	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	35999	42.427	ug/l	99
22) Diisopropyl ether	3.757	45	126501	40.752	ug/l #	83
23) Vinyl Acetate	3.721	43	579979	216.251	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73743	42.006	ug/l	98
25) 2-Butanone	4.556	43	166641	219.133	ug/l	99
26) 2,2-Dichloropropane	4.465	77	47107	41.532	ug/l	87
27) cis-1,2-Dichloroethene	4.483	96	113129	109.437	ug/l	94
28) Bromochloromethane	4.891	49	44030	51.901	ug/l	100
29) Tetrahydrofuran	5.007	42	110855	224.845	ug/l	99
30) Chloroform	5.086	83	76188	42.177	ug/l	98
31) Cyclohexane	5.464	56	63718	41.056	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	63504	41.547	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48513	40.692	ug/l	98
37) Ethyl Acetate	4.715	43	61701	41.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	52678	40.884	ug/l	97
39) Methylcyclohexane	7.379	83	60427	41.348	ug/l	96
40) Benzene	6.031	78	151773	41.683	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35246	44.462	ug/l	99
42) 1,2-Dichloroethane	6.080	62	64394	42.819	ug/l	99
43) Isopropyl Acetate	6.342	43	93045	40.861	ug/l	100
44) Trichloroethene	7.123	130	64230	74.217	ug/l	98
45) 1,2-Dichloropropane	7.428	63	37608	41.396	ug/l	95
46) Dibromomethane	7.580	93	29576	42.409	ug/l	98
47) Bromodichloromethane	7.818	83	56518	40.580	ug/l	98
48) Methyl methacrylate	7.690	41	50434	42.896	ug/l	99
49) 1,4-Dioxane	7.659	88	18467	868.137	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	327122	216.701	ug/l	99
52) Toluene	8.714	92	91494	41.527	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	48435	36.797	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	53960	41.229	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	37650	42.883	ug/l	96
56) Ethyl methacrylate	9.116	69	57438	42.272	ug/l	99
57) 1,3-Dichloropropane	9.305	76	65336	42.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.263	63	1342	1.952	ug/l	91
59) 2-Hexanone	9.427	43	244980	219.150	ug/l	100
60) Dibromochloromethane	9.519	129	40295	42.099	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38304	43.098	ug/l	97
64) Tetrachloroethene	9.269	164	30936	40.159	ug/l	99
65) Chlorobenzene	10.079	112	97984	42.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33130	40.930	ug/l	99
67) Ethyl Benzene	10.189	91	174928	41.892	ug/l	99
68) m/p-Xylenes	10.299	106	129635	85.358	ug/l	99
69) o-Xylene	10.640	106	62955	42.080	ug/l	97
70) Styrene	10.653	104	107687	43.611	ug/l	99
71) Bromoform	10.799	173	24522	40.574	ug/l #	95
73) Isopropylbenzene	10.957	105	167230	40.915	ug/l	100
74) N-amyl acetate	10.842	43	79786	40.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	58476	40.727	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	61622	49.510	ug/l	90
77) Bromobenzene	11.195	156	39023	41.322	ug/l	97
78) n-propylbenzene	11.305	91	194389	41.291	ug/l	100
79) 2-Chlorotoluene	11.360	91	122025	40.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	138429	40.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13535	36.907	ug/l	90
82) 4-Chlorotoluene	11.451	91	140486	41.866	ug/l	99
83) tert-Butylbenzene	11.713	119	135774	40.577	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	140947	41.550	ug/l	99
85) sec-Butylbenzene	11.890	105	169765	41.307	ug/l	100
86) p-Isopropyltoluene	12.006	119	138266	40.807	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68253	39.704	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	68792	39.473	ug/l	98
89) n-Butylbenzene	12.329	91	123161	41.918	ug/l	99
90) Hexachloroethane	12.536	117	23387	40.163	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	70002	40.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12616	42.015	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	37705	39.634	ug/l	98
94) Hexachlorobutadiene	13.725	225	15843	38.647	ug/l	96
95) Naphthalene	13.774	128	144479	40.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40388	40.543	ug/l	99

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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

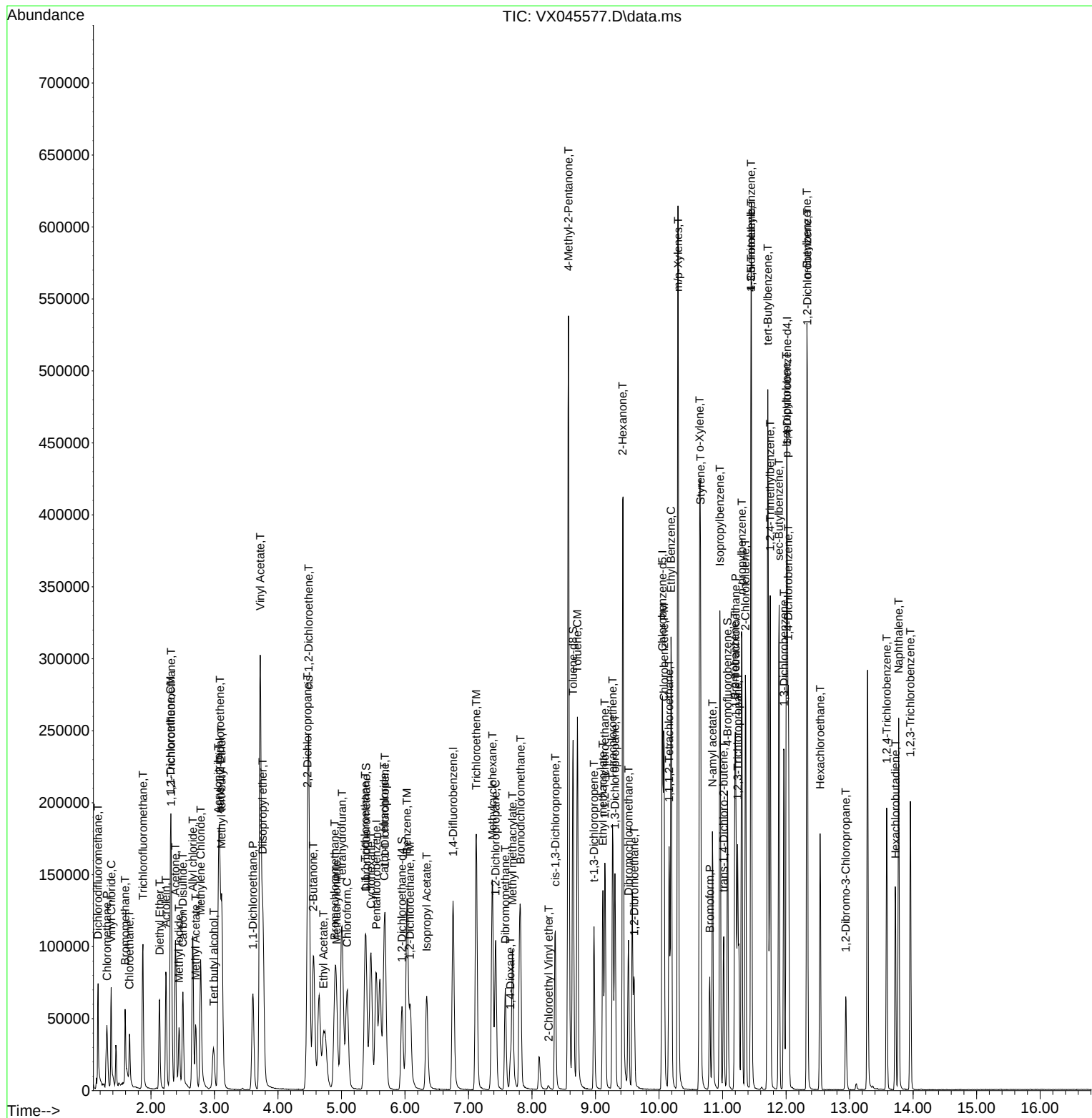
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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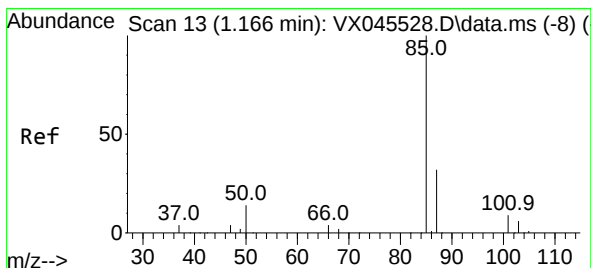
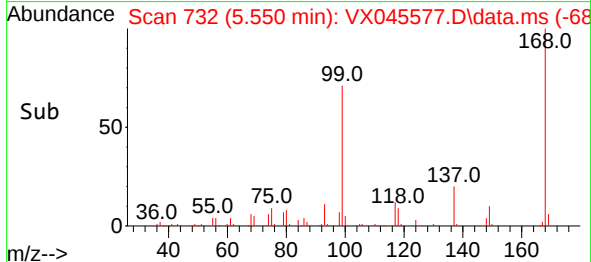
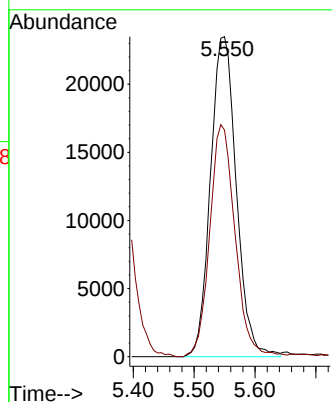
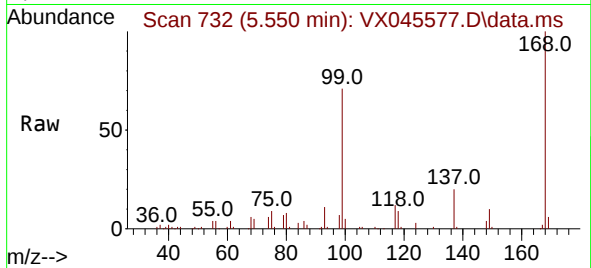




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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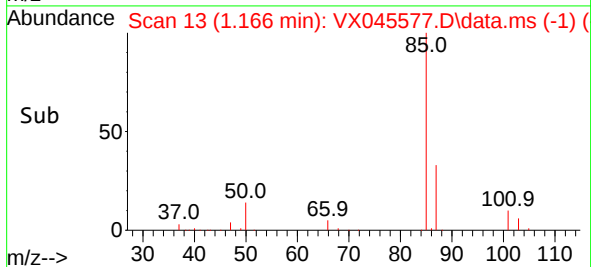
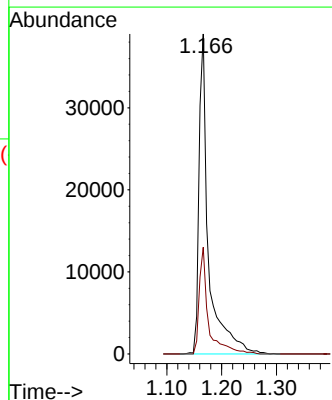
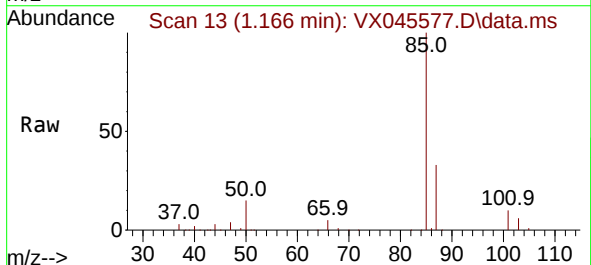
Instrument :
MSVOA_X
ClientSampleId :
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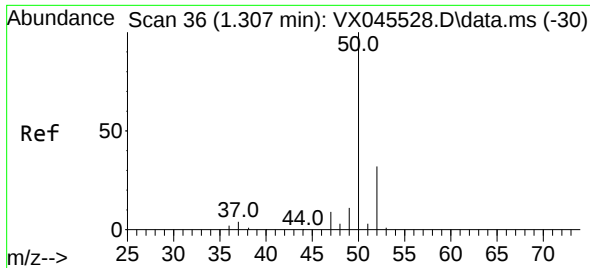
Tgt Ion:168 Resp: 69182
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 45.800 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 85 Resp: 47385
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

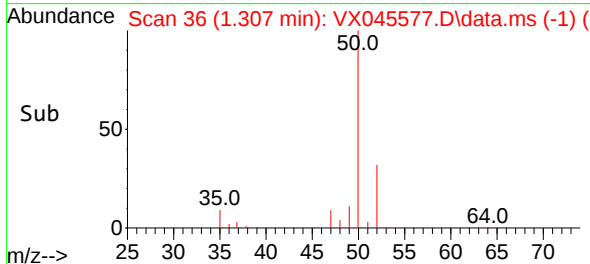
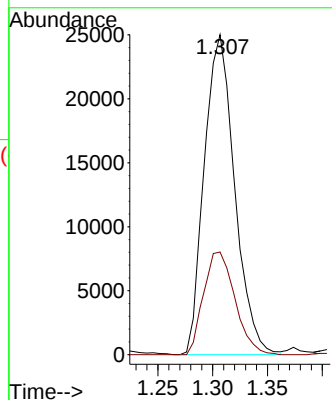
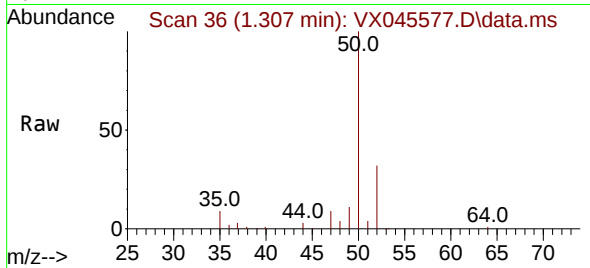




#3
Chloromethane
Concen: 45.333 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045577.D
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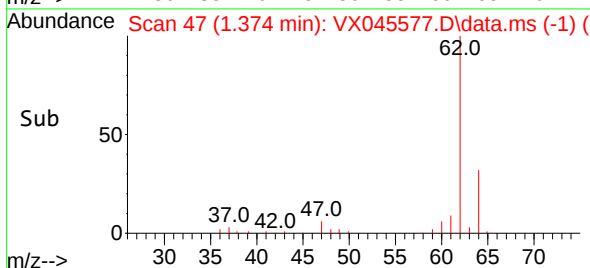
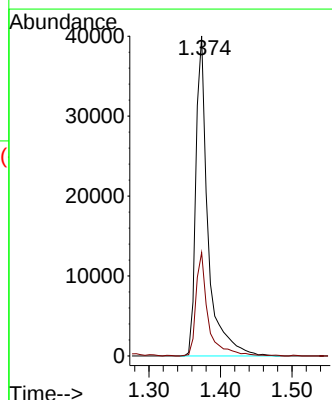
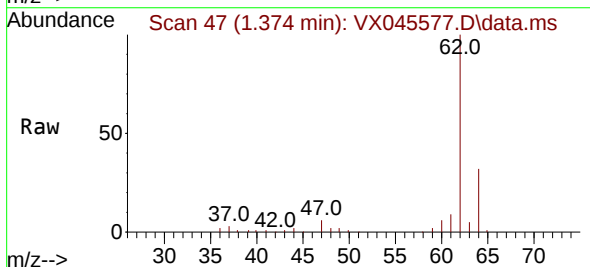
Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 48184
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 48.269 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 62 Resp: 46952
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3

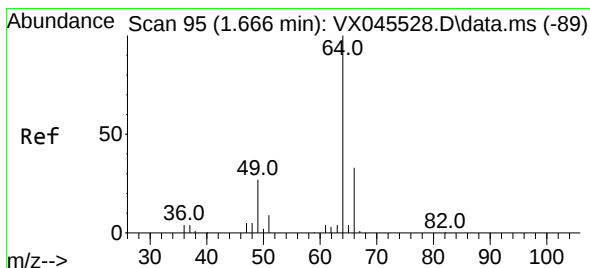
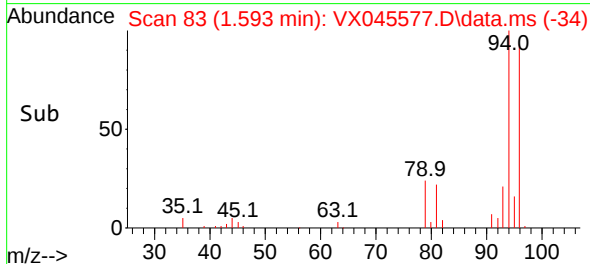
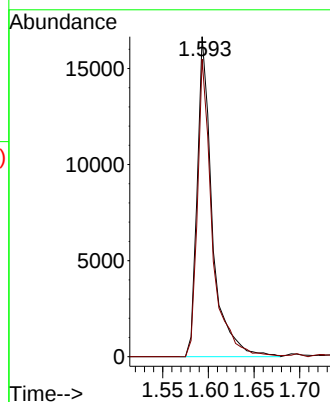
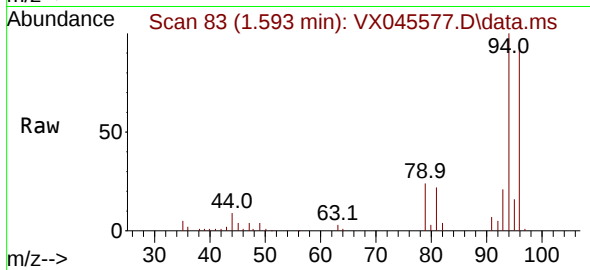




#5
 Bromomethane
 Concen: 41.564 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

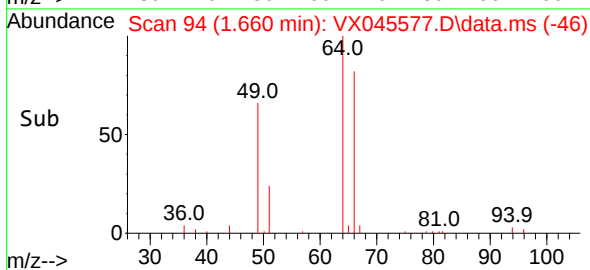
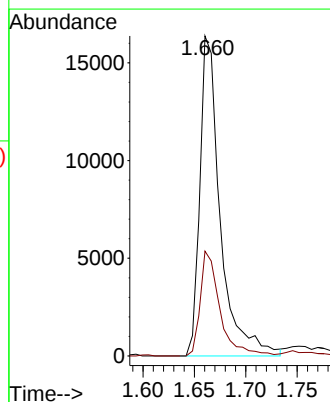
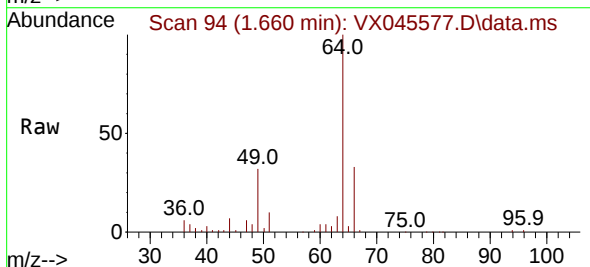
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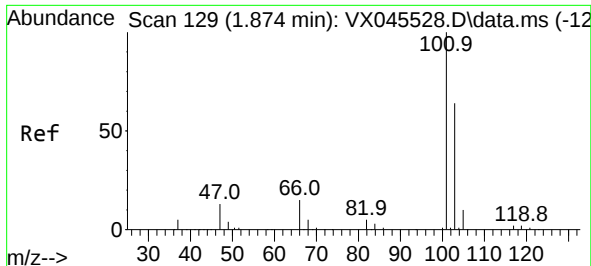
Tgt Ion: 94 Resp: 19170
 Ion Ratio Lower Upper
 94 100
 96 93.0 74.8 112.2



#6
 Chloroethane
 Concen: 43.974 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Tgt Ion: 64 Resp: 22694
 Ion Ratio Lower Upper
 64 100
 66 32.8 26.3 39.5

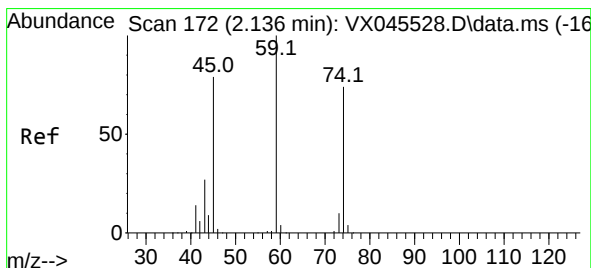
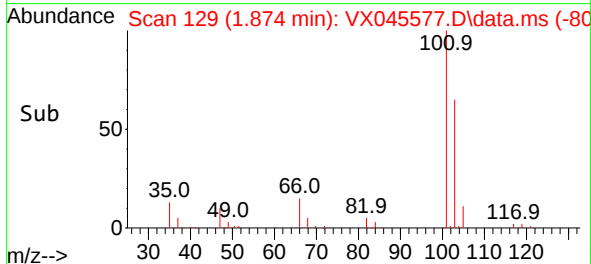
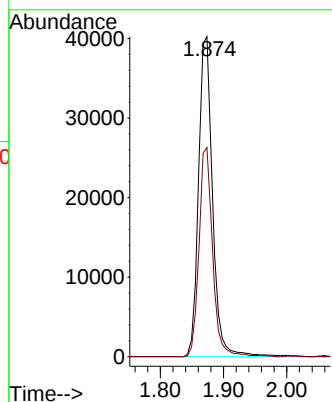
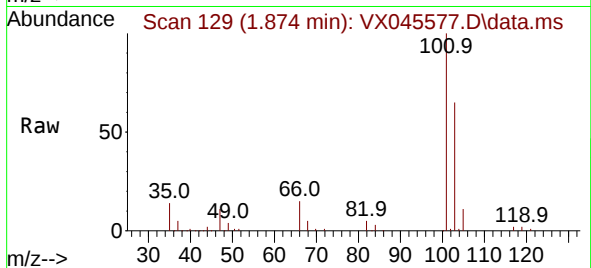




#7
 Trichlorofluoromethane
 Concen: 42.876 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

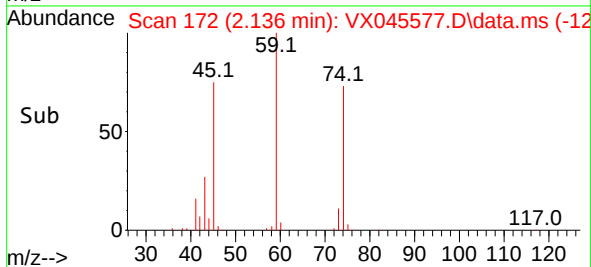
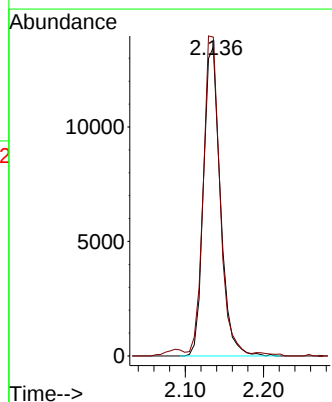
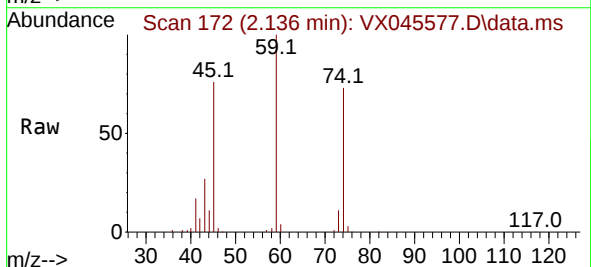
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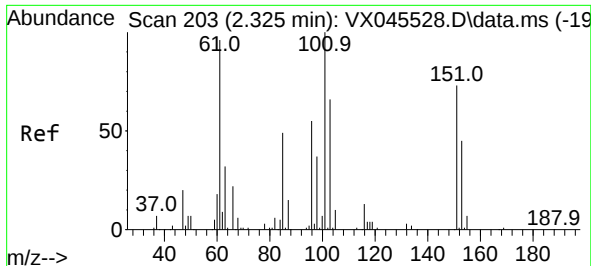
Tgt Ion:101 Resp: 62192
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 41.412 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX045577.D
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Tgt Ion: 74 Resp: 20167
 Ion Ratio Lower Upper
 74 100
 45 101.3 53.0 159.1

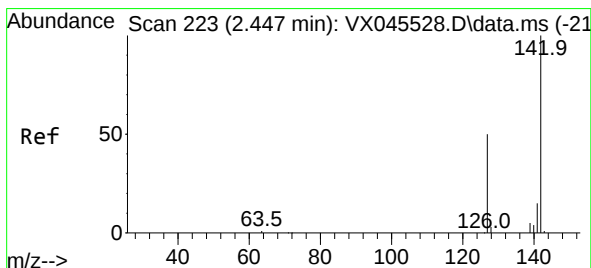
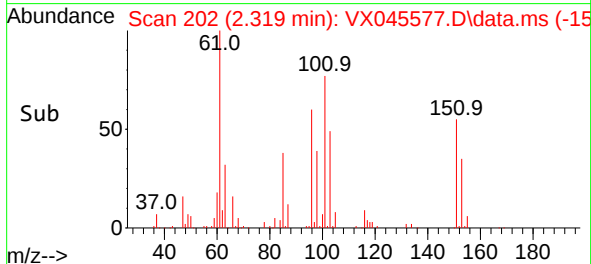
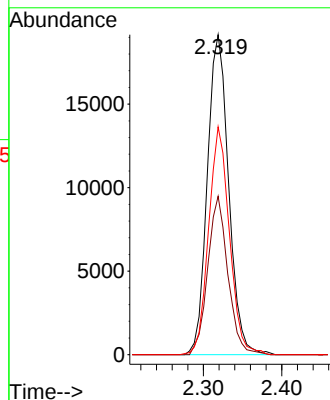
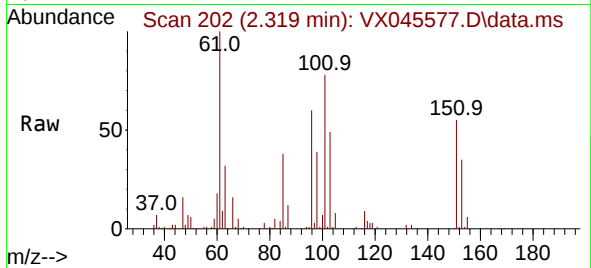




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.560 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

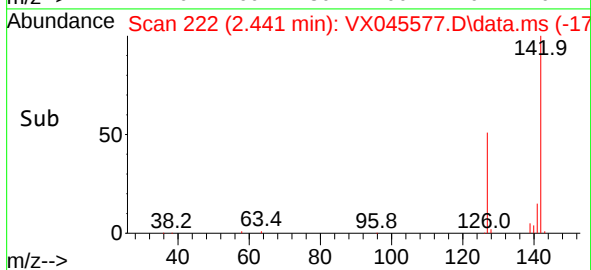
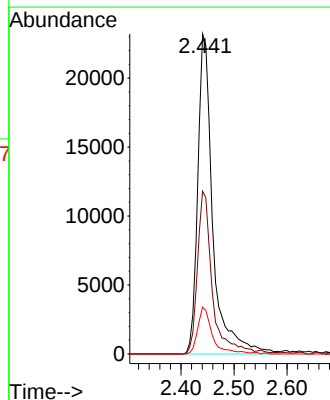
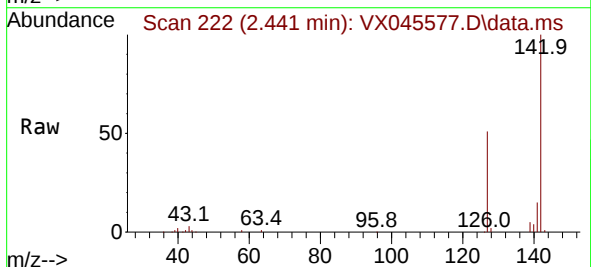
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion:101 Resp: 36175
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 69.5 57.5 86.3



#10
Methyl Iodide
Concen: 43.422 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:142 Resp: 46035
Ion Ratio Lower Upper
142 100
127 50.4 40.2 60.4
141 14.1 11.7 17.5

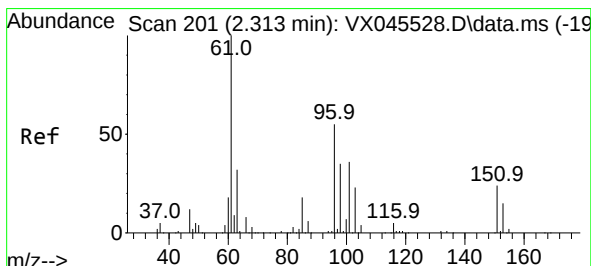
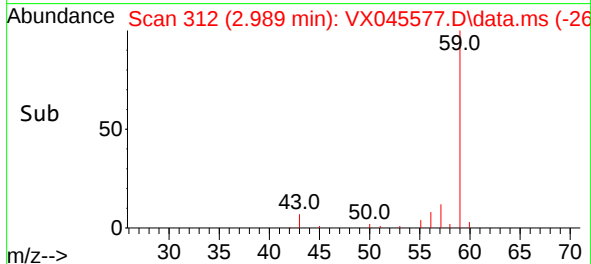
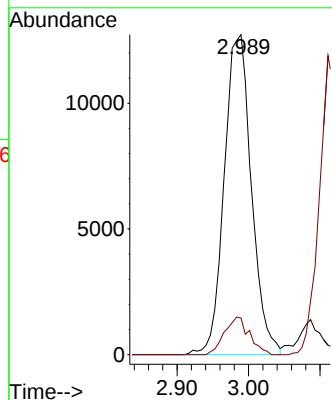
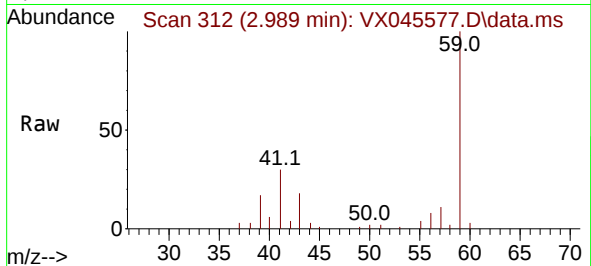




#11
Tert butyl alcohol
Concen: 197.862 ug/l
RT: 2.989 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

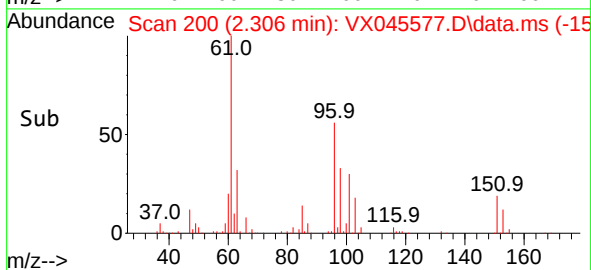
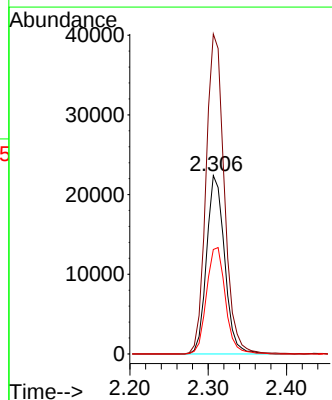
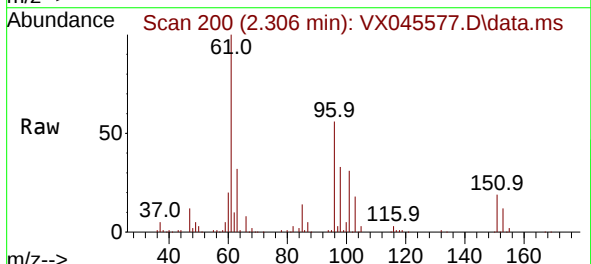
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

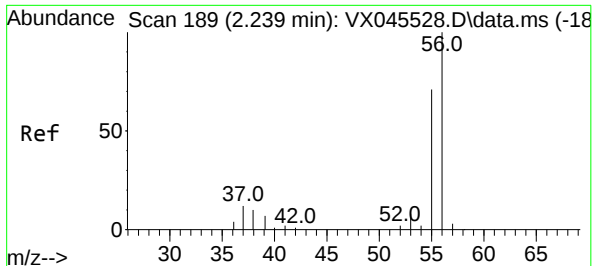
Tgt Ion: 59 Resp: 33642
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.026 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 96 Resp: 35734
Ion Ratio Lower Upper
96 100
61 179.4 145.7 218.5
98 58.6 51.6 77.4

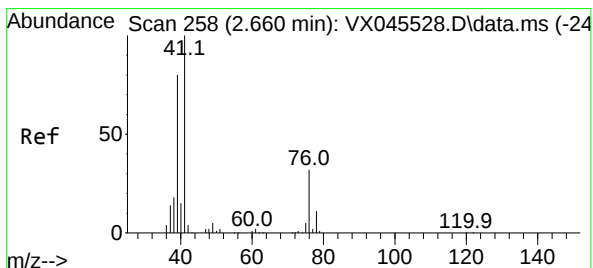
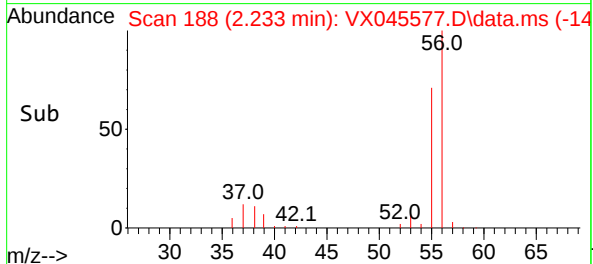
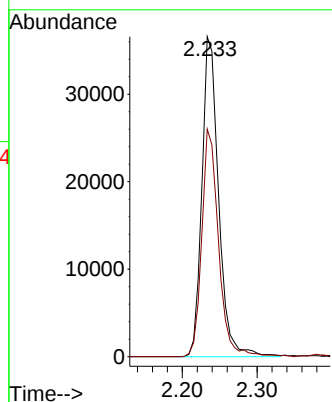
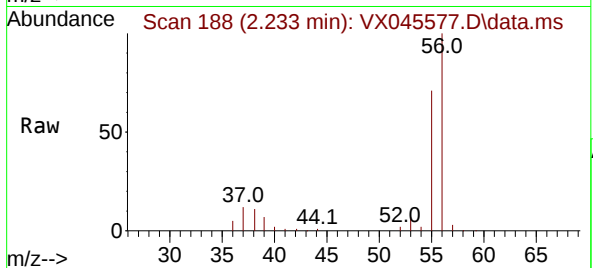




#13
Acrolein
Concen: 242.590 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

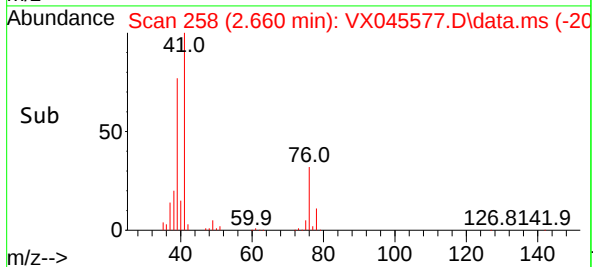
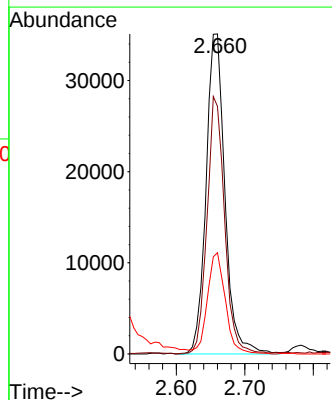
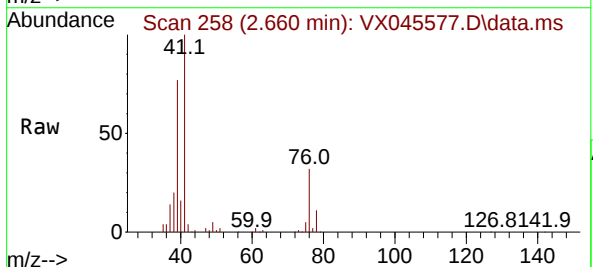
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion: 56 Resp: 56800
Ion Ratio Lower Upper
56 100
55 71.4 56.2 84.2



#14
Allyl chloride
Concen: 42.879 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 41 Resp: 67571
Ion Ratio Lower Upper
41 100
39 74.7 60.2 90.2
76 30.2 24.6 36.8

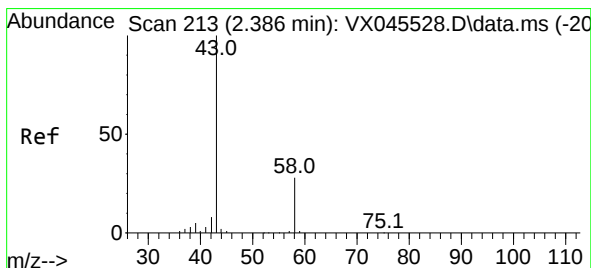
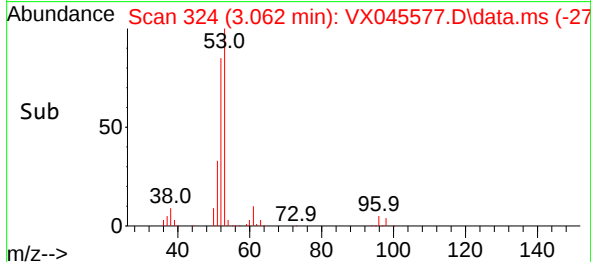
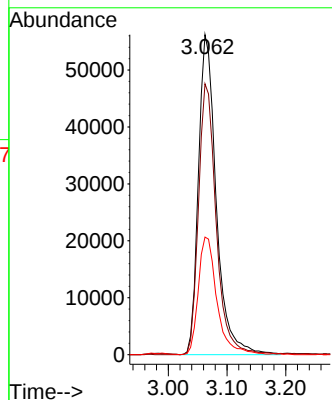
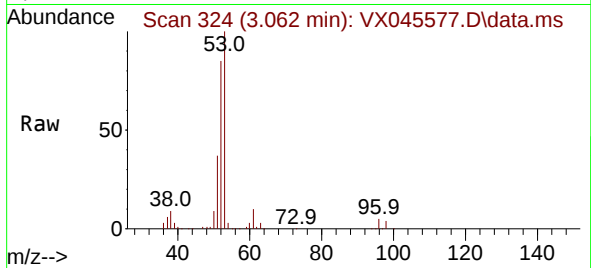




#15
Acrylonitrile
Concen: 220.948 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

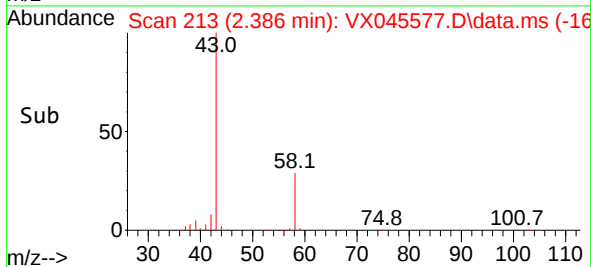
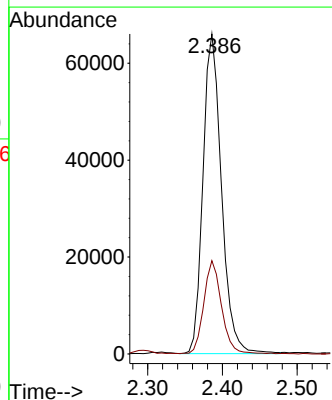
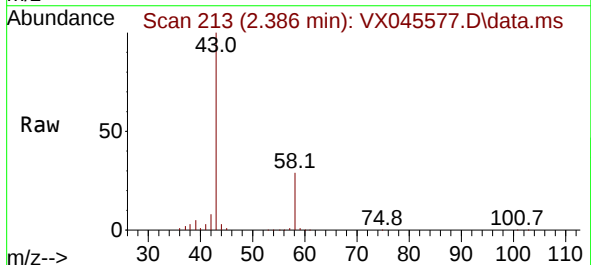
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

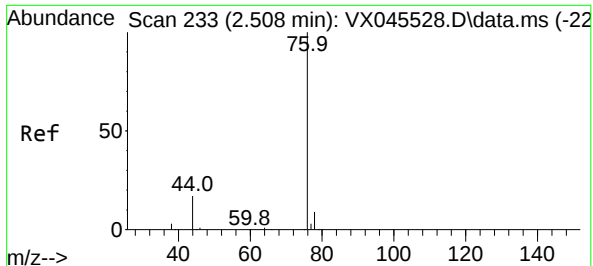
Tgt Ion: 53 Resp: 118586
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 38.4 29.9 44.9



#16
Acetone
Concen: 218.462 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 43 Resp: 113493
Ion Ratio Lower Upper
43 100
58 29.1 22.3 33.5





#17

Carbon Disulfide

Concen: 40.793 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

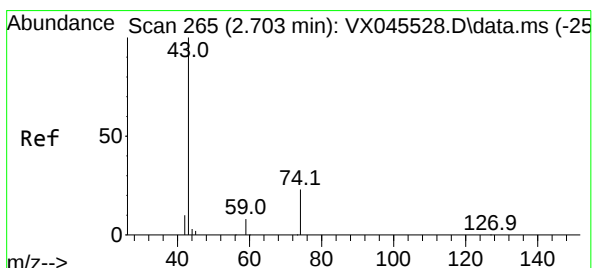
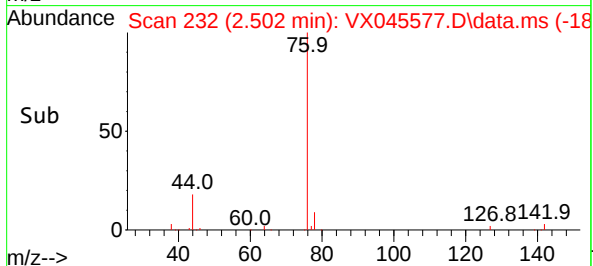
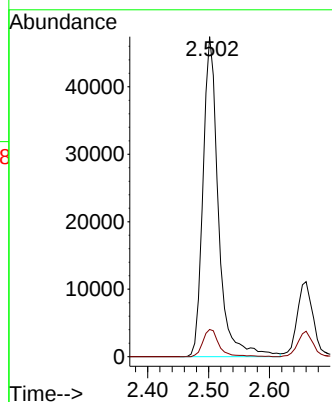
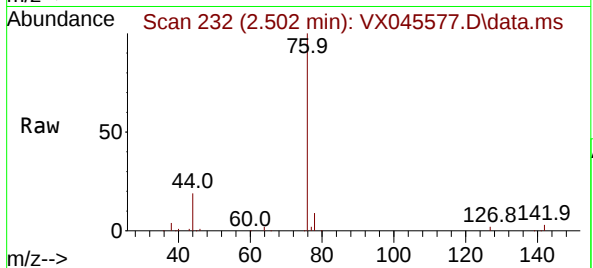
MW-18B-56-040225MSD

Tgt Ion: 76 Resp: 83677

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#18

Methyl Acetate

Concen: 42.828 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045577.D

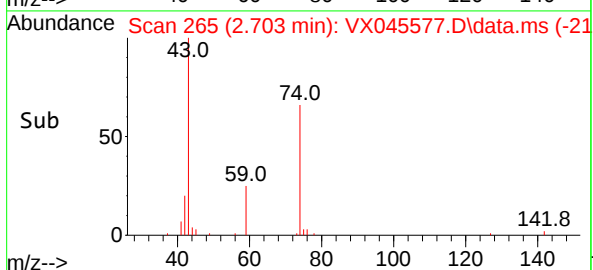
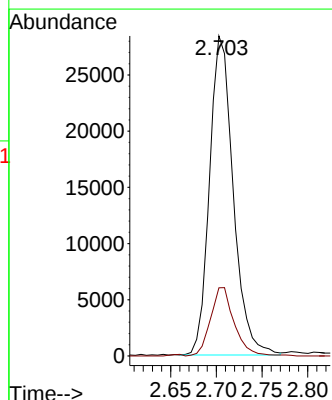
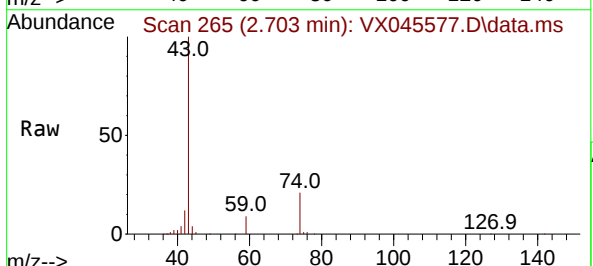
Acq: 03 Apr 2025 17:33

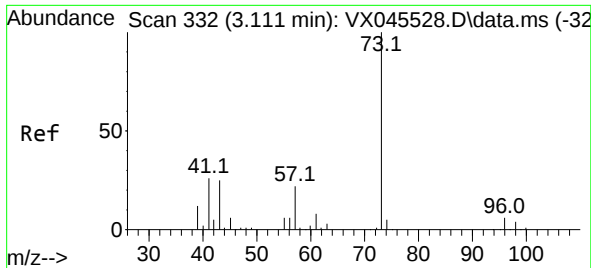
Tgt Ion: 43 Resp: 51227

Ion Ratio Lower Upper

43 100

74 21.5 17.5 26.3

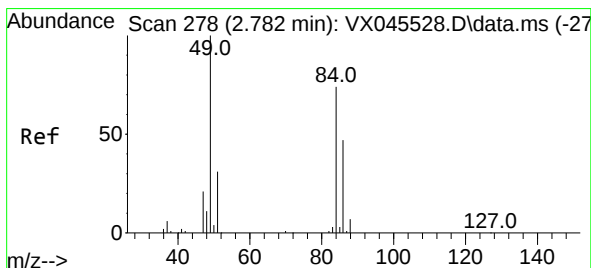
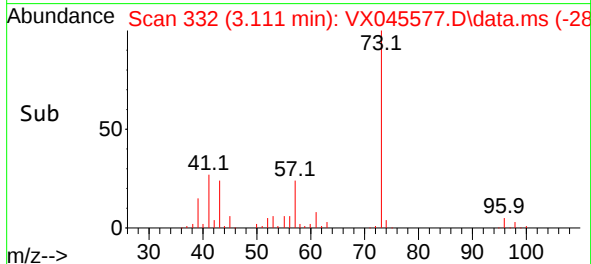
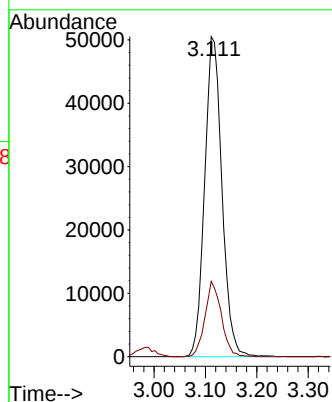
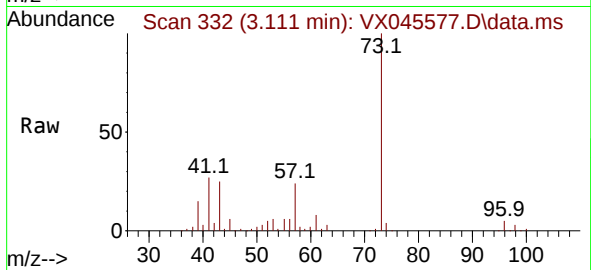




#19
Methyl tert-butyl Ether
Concen: 40.718 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

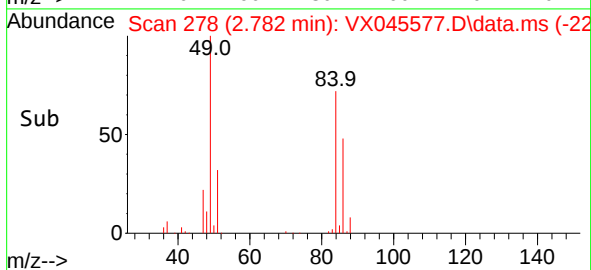
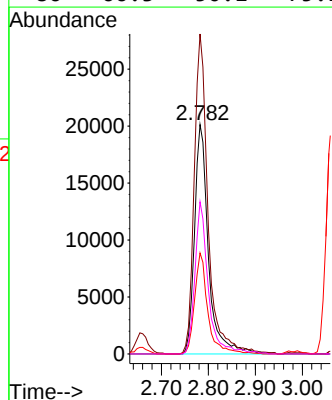
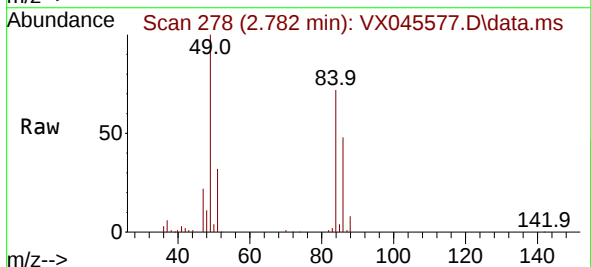
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion: 73 Resp: 118298
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4



#20
Methylene Chloride
Concen: 42.893 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 84 Resp: 41717
Ion Ratio Lower Upper
84 100
49 139.5 107.5 161.3
51 44.0 33.0 49.6
86 66.3 50.1 75.1

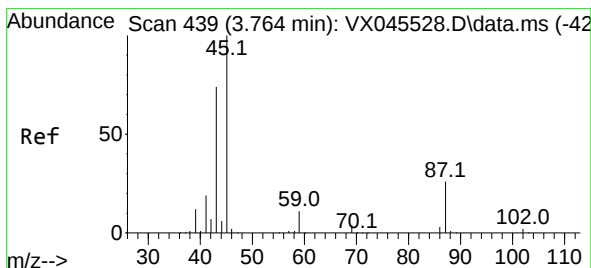
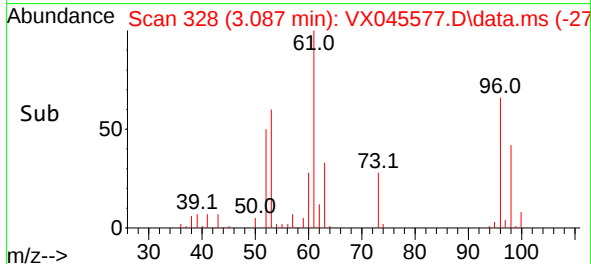
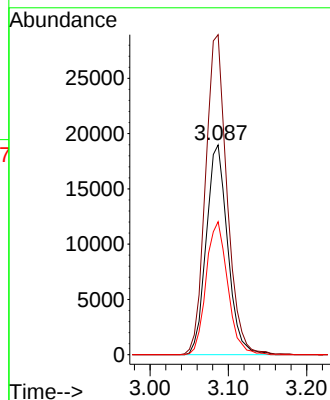
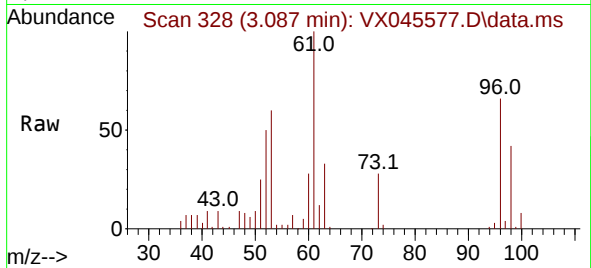




#21
trans-1,2-Dichloroethene
Concen: 42.427 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

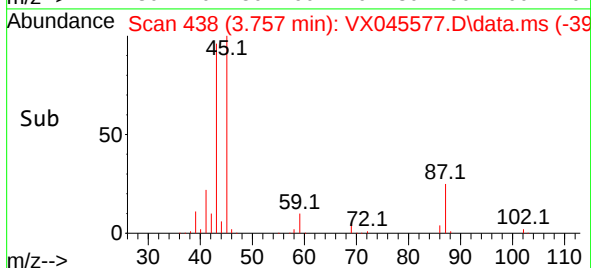
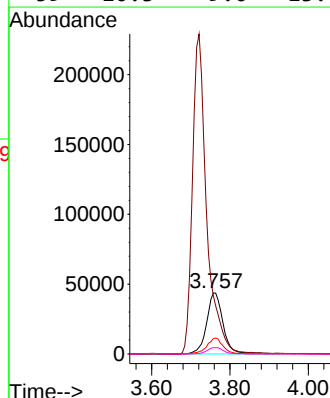
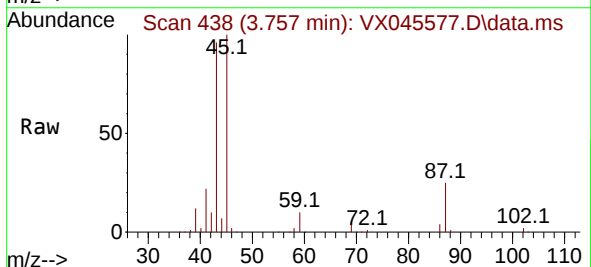
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

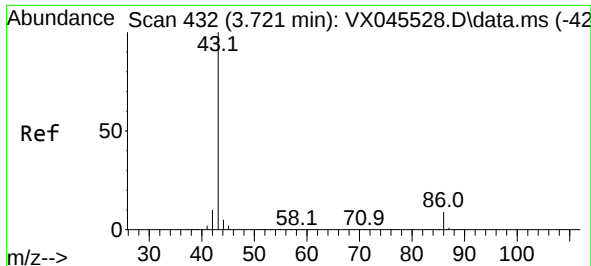
Tgt Ion: 96 Resp: 35999
Ion Ratio Lower Upper
96 100
61 152.6 121.0 181.6
98 63.4 49.7 74.5



#22
Diisopropyl ether
Concen: 40.752 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 45 Resp: 126501
Ion Ratio Lower Upper
45 100
43 95.8 59.3 88.9#
87 25.3 20.4 30.6
59 10.3 9.0 13.6

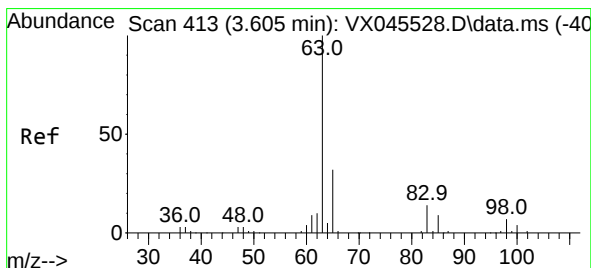
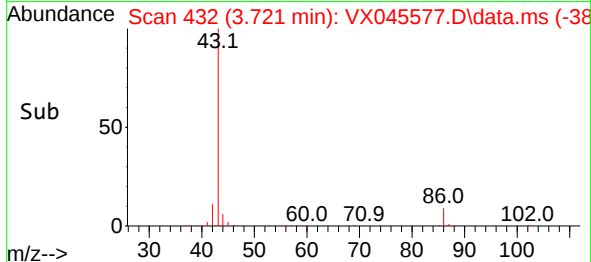
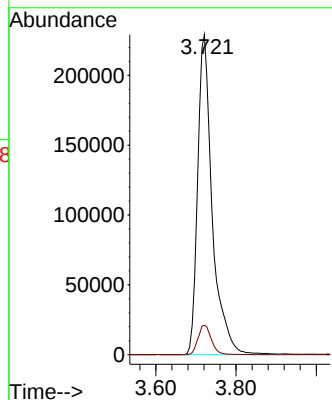
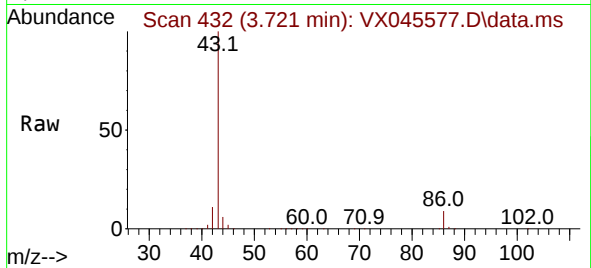




#23
 Vinyl Acetate
 Concen: 216.251 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

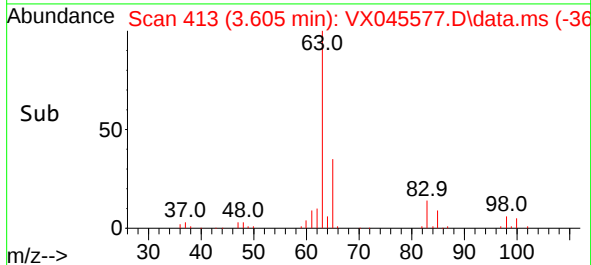
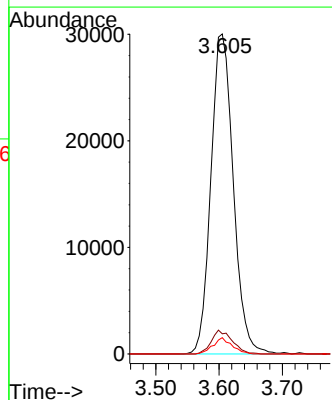
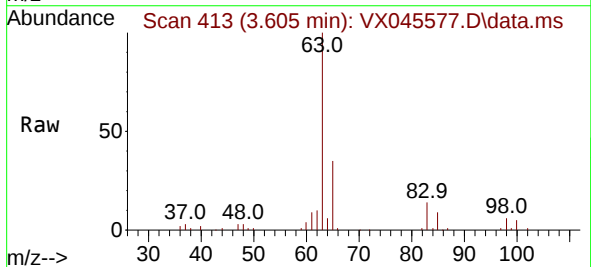
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MSD

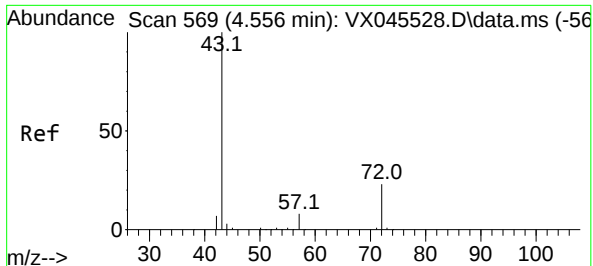
Tgt Ion: 43 Resp: 579979
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 42.006 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Tgt Ion: 63 Resp: 73743
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 5.1 2.2 6.6

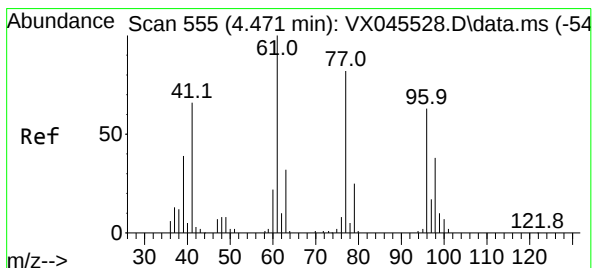
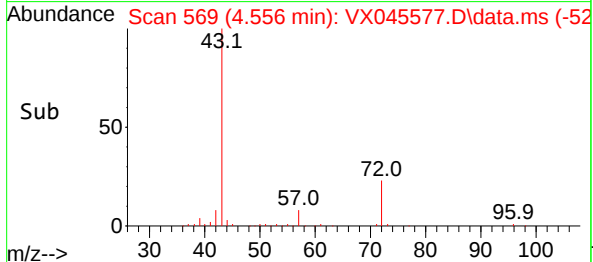
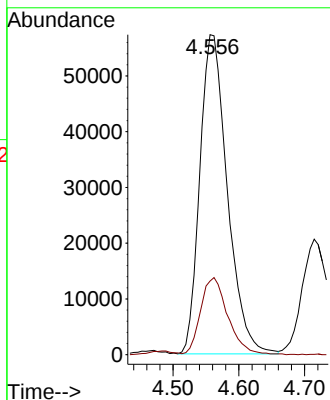
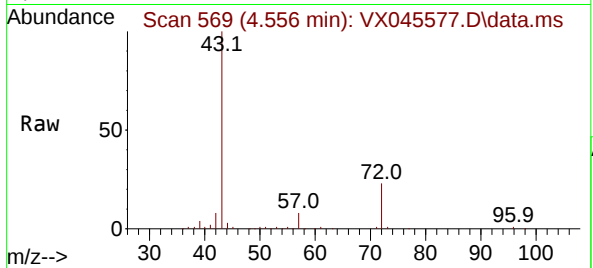




#25
2-Butanone
Concen: 219.133 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

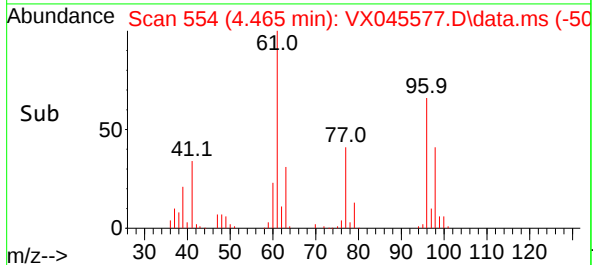
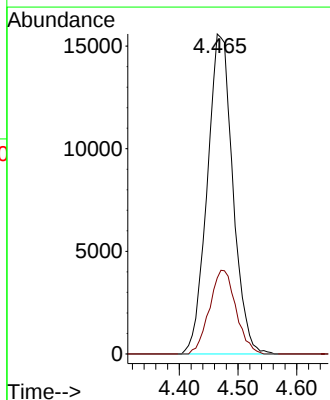
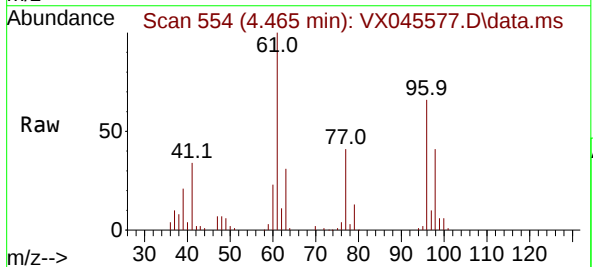
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

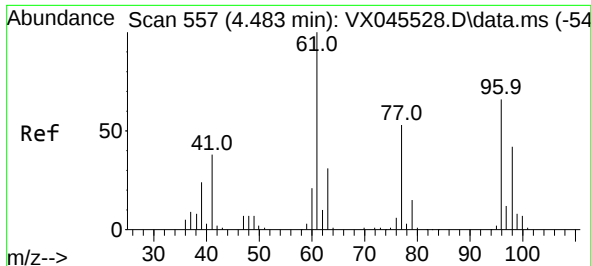
Tgt Ion: 43 Resp: 166641
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0



#26
2,2-Dichloropropane
Concen: 41.532 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 77 Resp: 47107
Ion Ratio Lower Upper
77 100
97 27.1 10.6 31.8



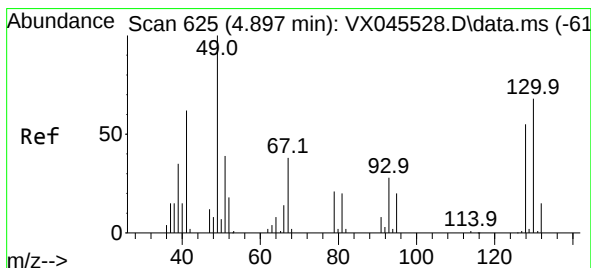
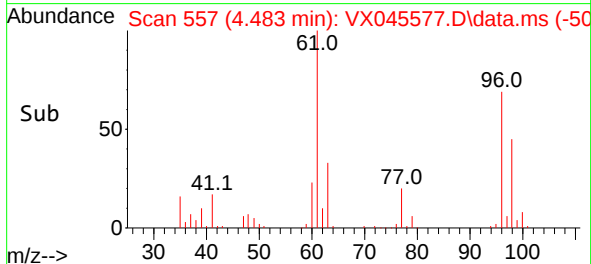
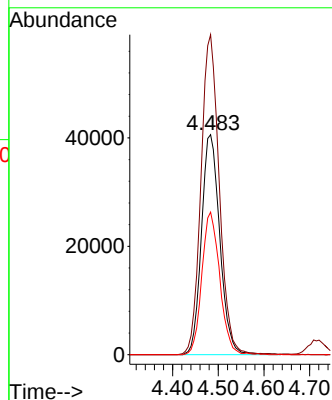
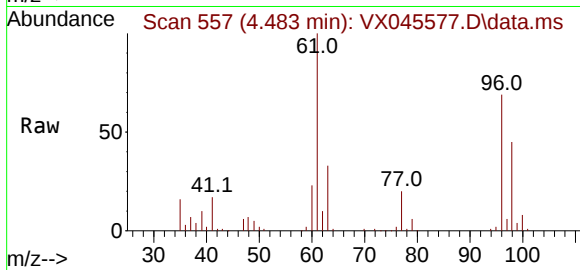


#27
 cis-1,2-Dichloroethene
 Concen: 109.437 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MSD

Tgt Ion: 96 Resp: 113129

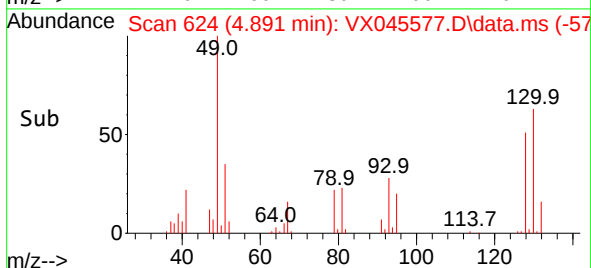
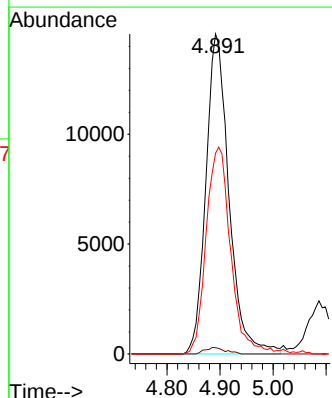
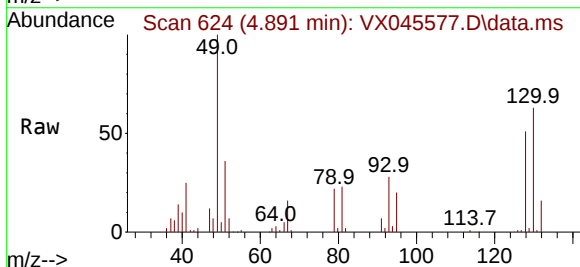
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	313.2
98	63.1	0.0	126.4

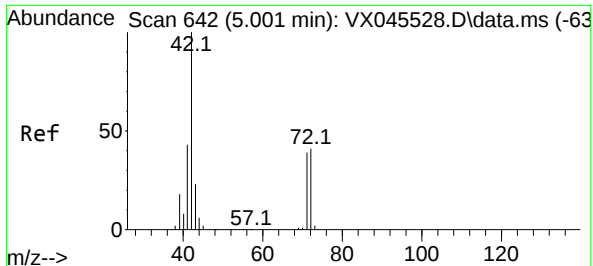


#28
 Bromochloromethane
 Concen: 51.901 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Tgt Ion: 49 Resp: 44030

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.4	54.6	81.8





#29

Tetrahydrofuran

Concen: 224.845 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045577.D

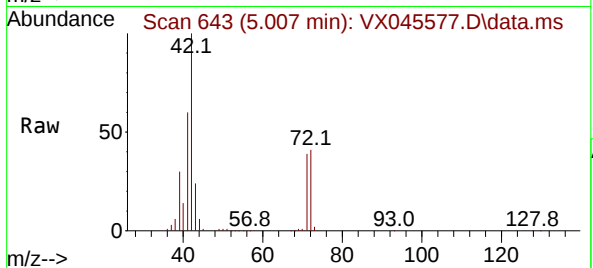
Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD



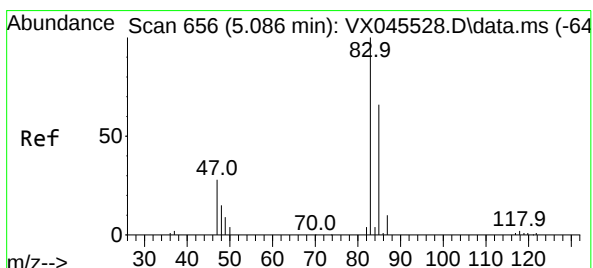
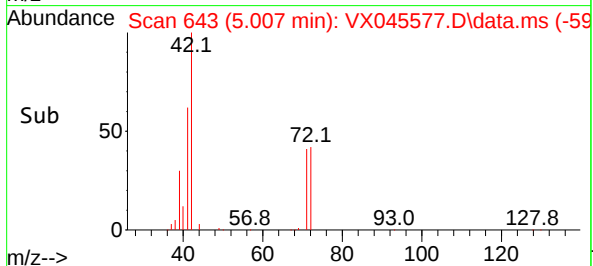
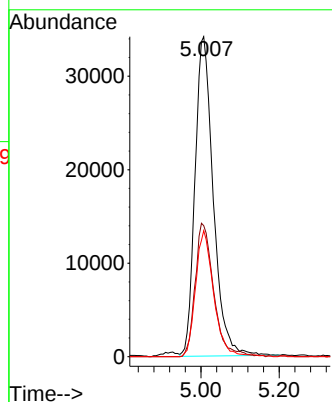
Tgt Ion: 42 Resp: 110855

Ion Ratio Lower Upper

42 100

72 42.3 33.4 50.0

71 39.0 31.4 47.0



#30

Chloroform

Concen: 42.177 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045577.D

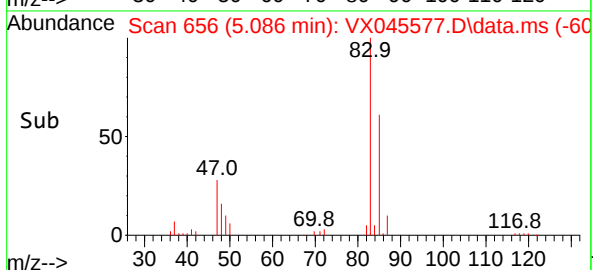
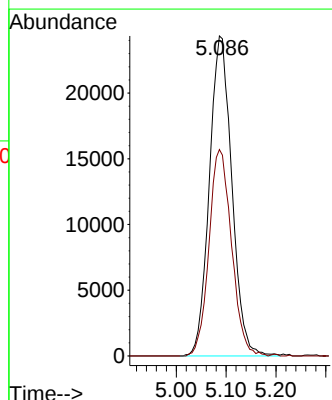
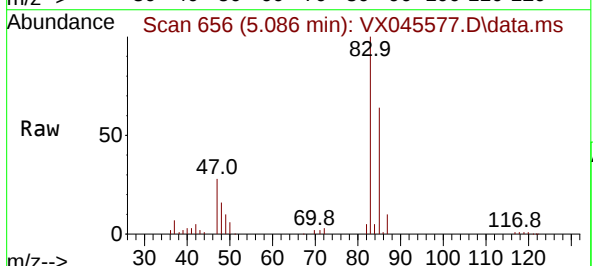
Acq: 03 Apr 2025 17:33

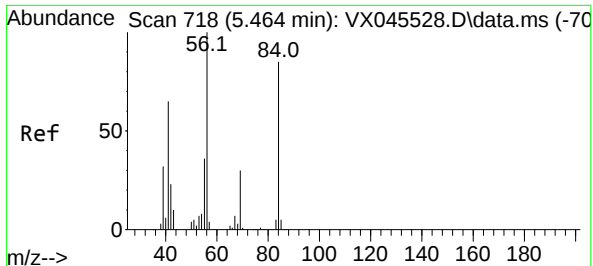
Tgt Ion: 83 Resp: 76188

Ion Ratio Lower Upper

83 100

85 64.5 52.8 79.2

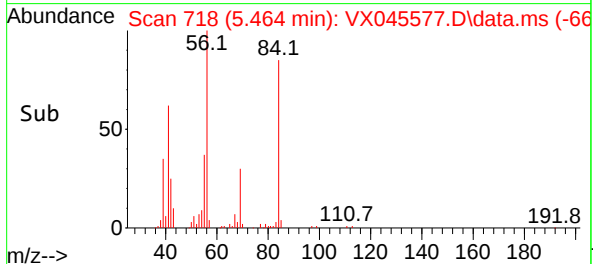
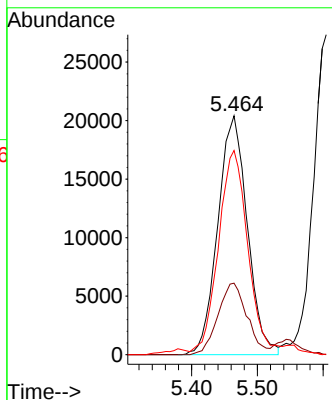
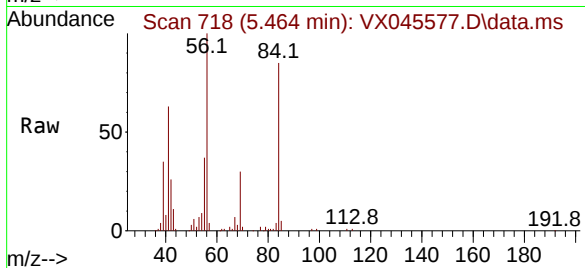




#31
Cyclohexane
Concen: 41.056 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

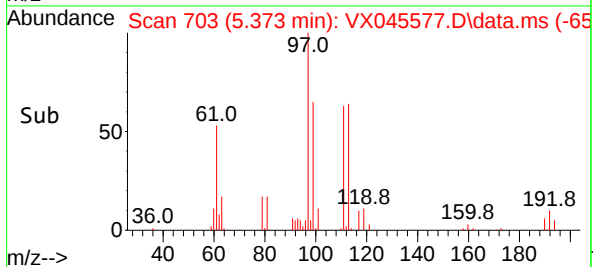
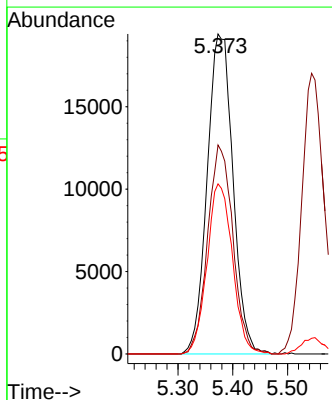
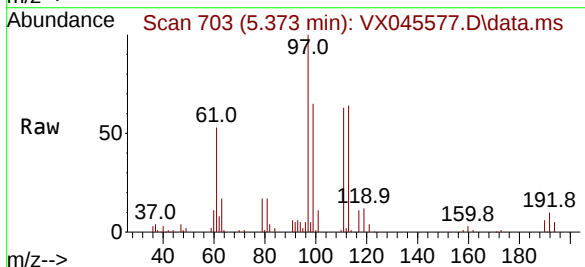
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion: 56 Resp: 63718
Ion Ratio Lower Upper
56 100
69 29.9 23.6 35.4
84 82.9 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 41.547 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 97 Resp: 63504
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 52.4 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 46.887 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

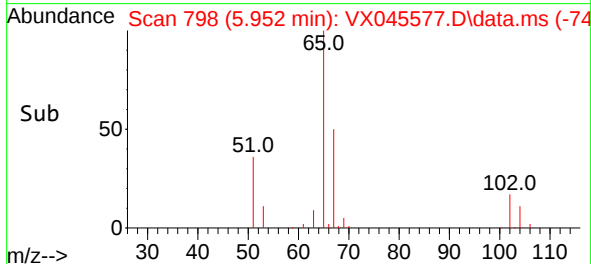
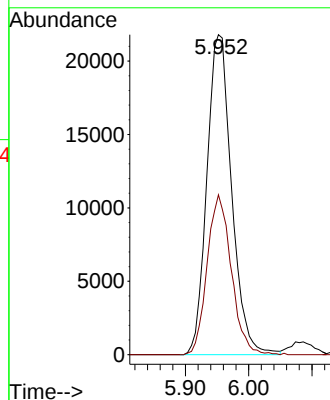
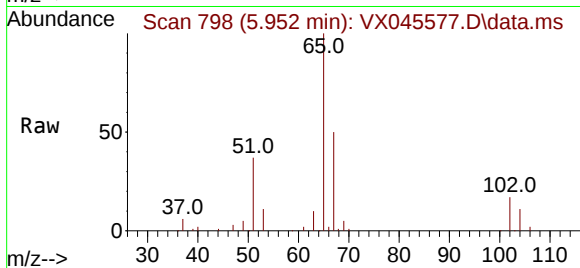
MW-18B-56-040225MSD

Tgt Ion: 65 Resp: 59319

Ion Ratio Lower Upper

65 100

67 48.6 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: VX045577.D

Acq: 03 Apr 2025 17:33

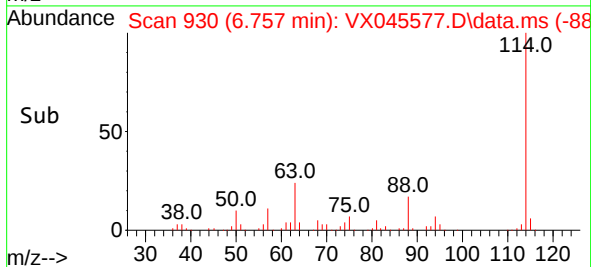
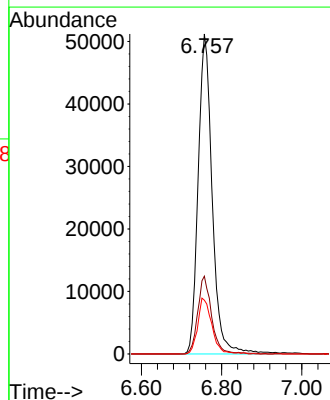
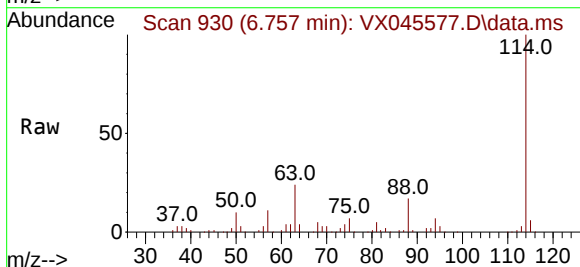
Tgt Ion: 114 Resp: 124452

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 16.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 44.805 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

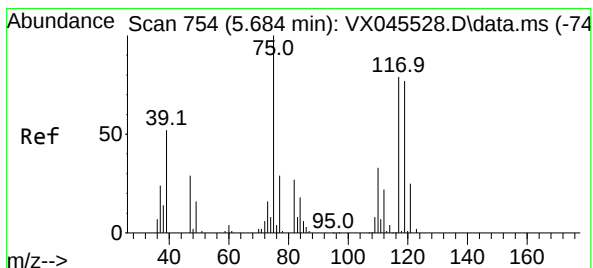
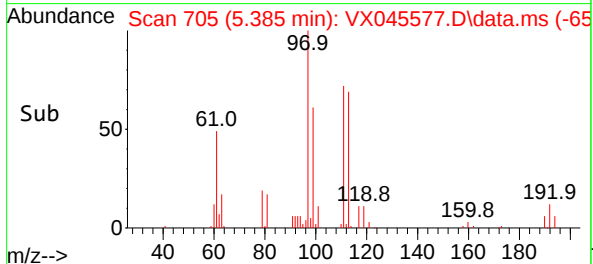
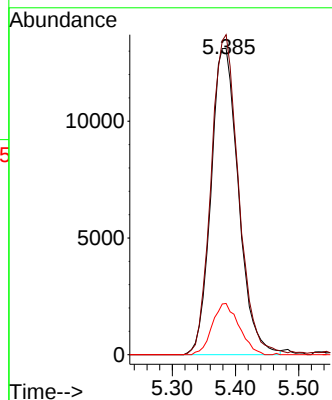
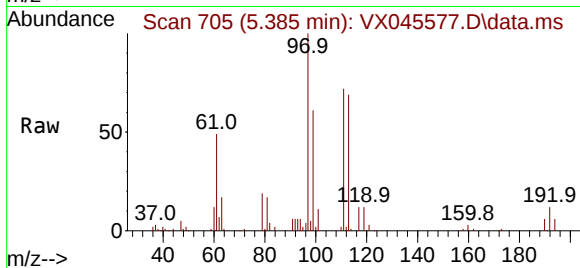
Tgt Ion:113 Resp: 39562

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

192 16.4 13.8 20.6



#36

1,1-Dichloropropene

Concen: 40.692 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

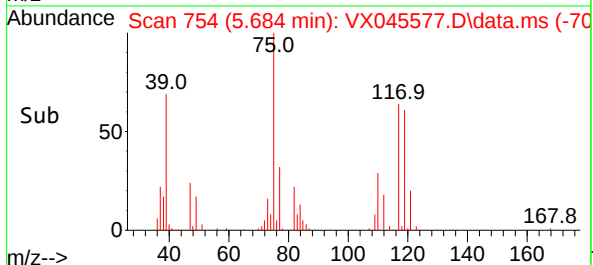
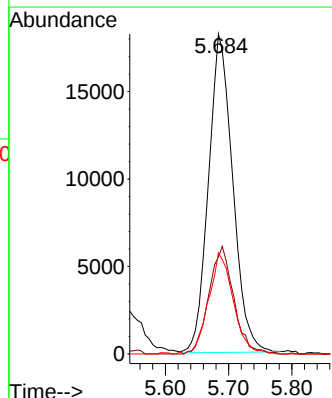
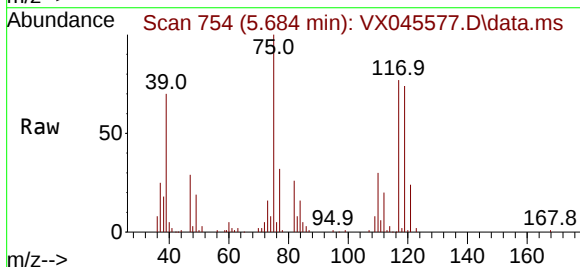
Tgt Ion: 75 Resp: 48513

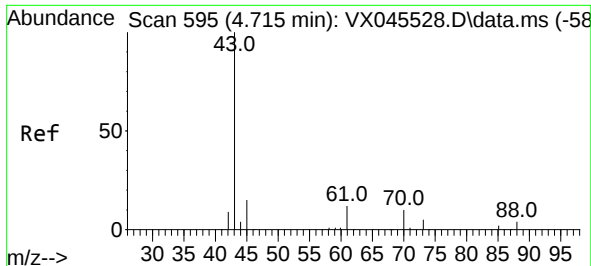
Ion Ratio Lower Upper

75 100

110 34.6 16.9 50.6

77 32.2 25.0 37.4





#37

Ethyl Acetate

Concen: 41.067 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

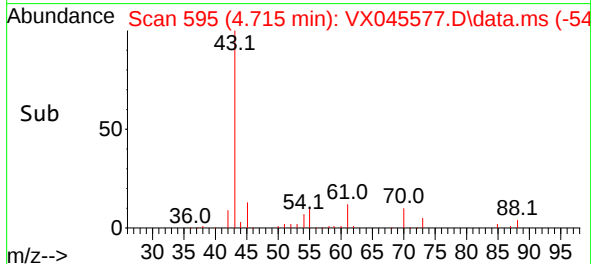
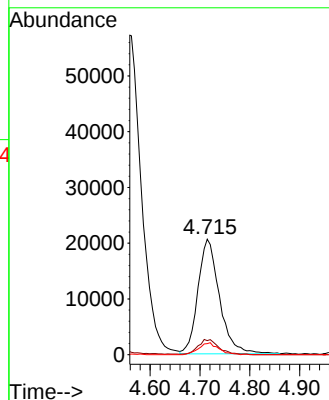
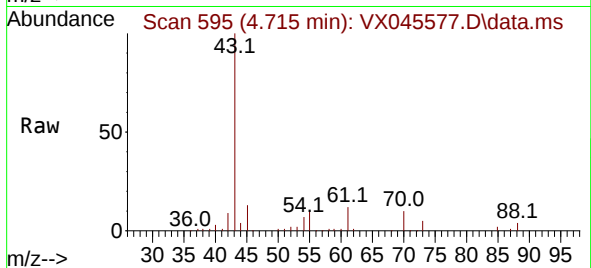
Tgt Ion: 43 Resp: 61701

Ion Ratio Lower Upper

43 100

61 12.9 9.9 14.9

70 9.4 7.5 11.3



#38

Carbon Tetrachloride

Concen: 40.884 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

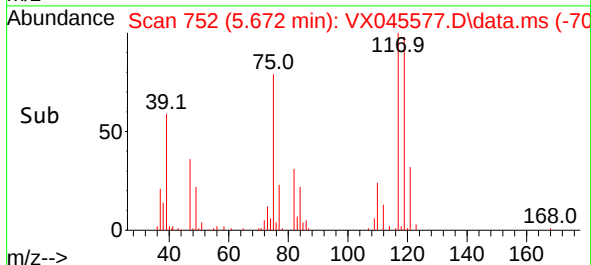
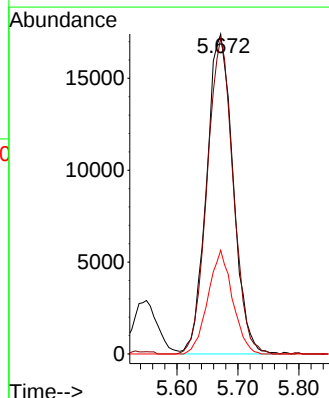
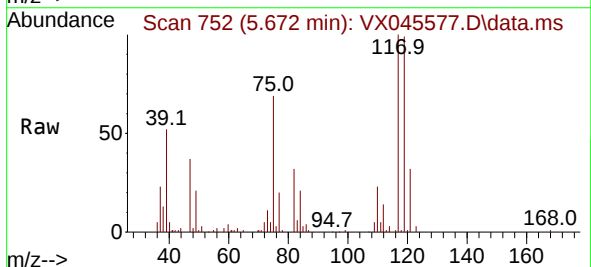
Tgt Ion: 117 Resp: 52678

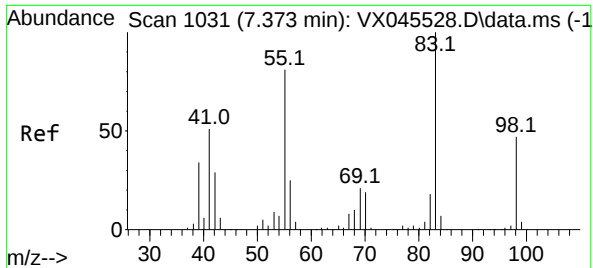
Ion Ratio Lower Upper

117 100

119 98.7 76.9 115.3

121 32.4 24.2 36.2





#39

Methylcyclohexane

Concen: 41.348 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

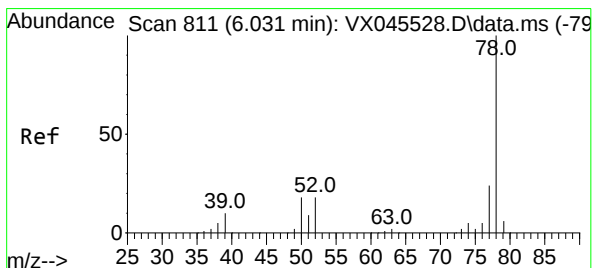
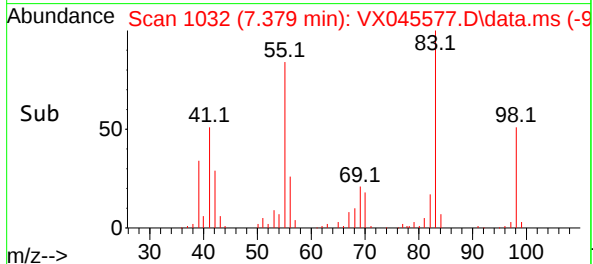
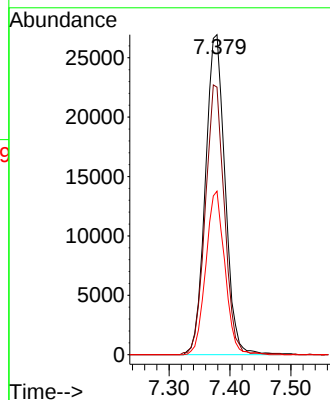
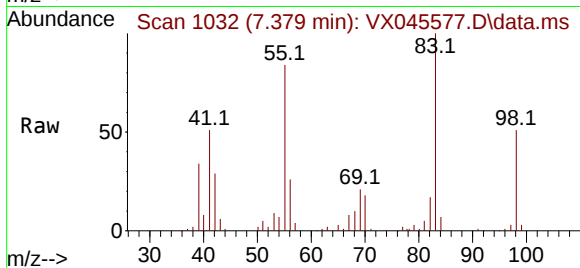
Tgt Ion: 83 Resp: 60427

Ion Ratio Lower Upper

83 100

55 83.6 64.9 97.3

98 51.1 37.4 56.0



#40

Benzene

Concen: 41.683 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045577.D

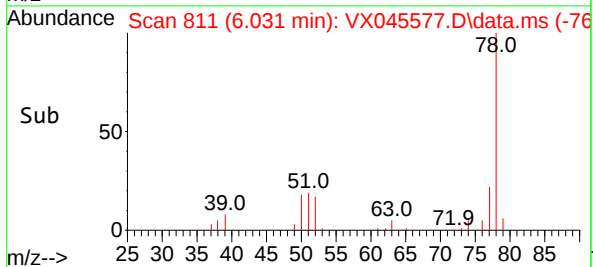
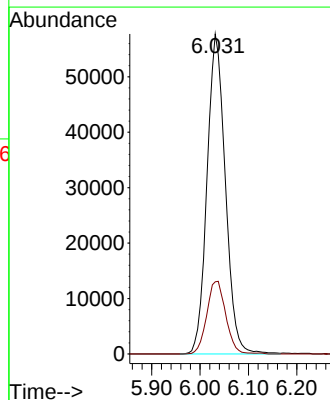
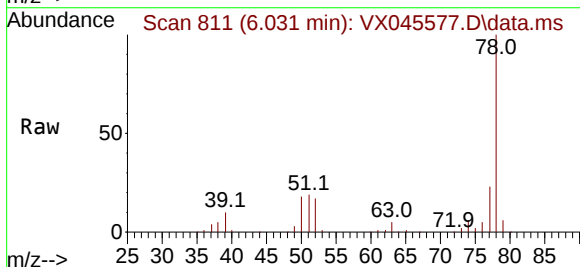
Acq: 03 Apr 2025 17:33

Tgt Ion: 78 Resp: 151773

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

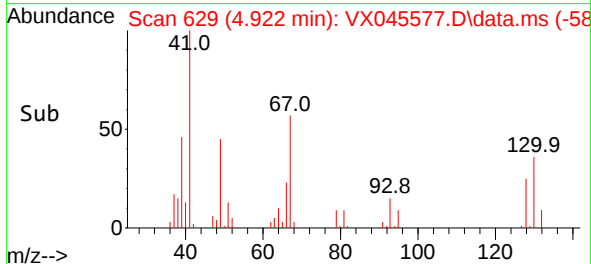
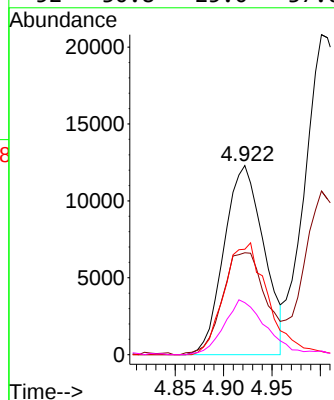
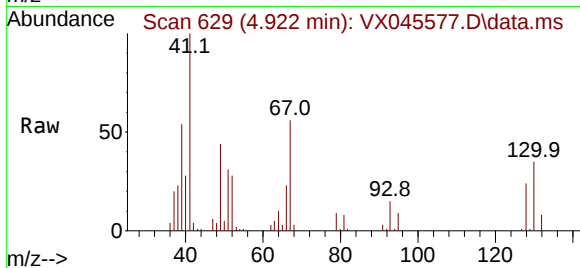




#41
Methacrylonitrile
Concen: 44.462 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

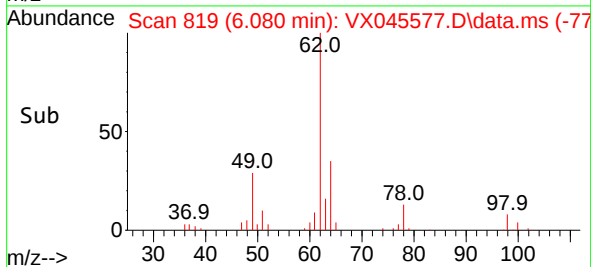
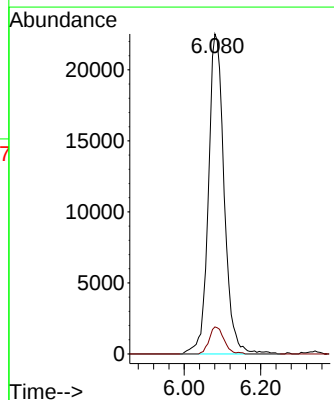
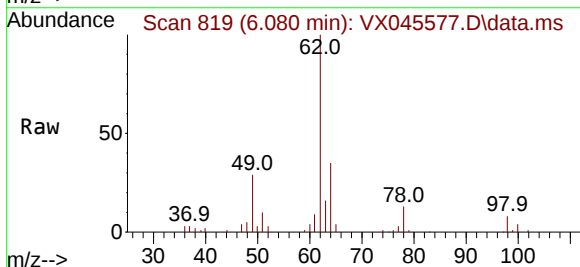
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

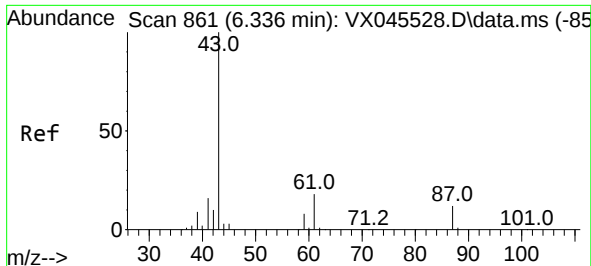
Tgt Ion:	41	Resp:	35246
Ion	Ratio	Lower	Upper
41	100		
39	58.6	47.0	70.6
67	65.0	53.2	79.8
52	30.8	25.0	37.6



#42
1,2-Dichloroethane
Concen: 42.819 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:	62	Resp:	64394
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.2

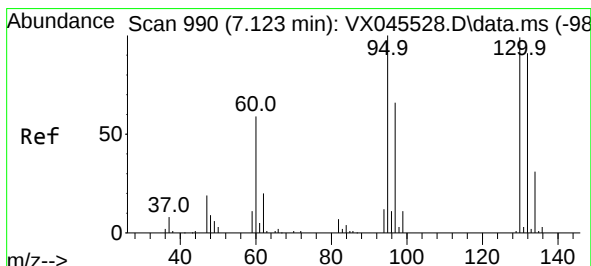
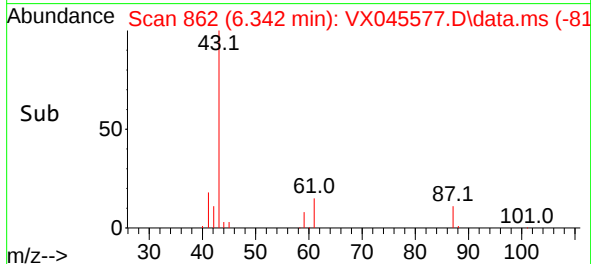
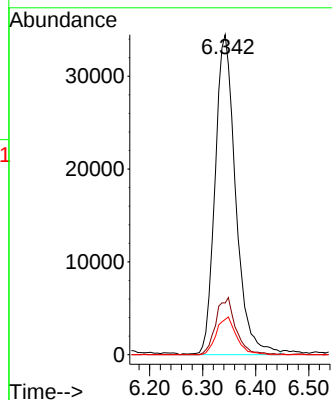
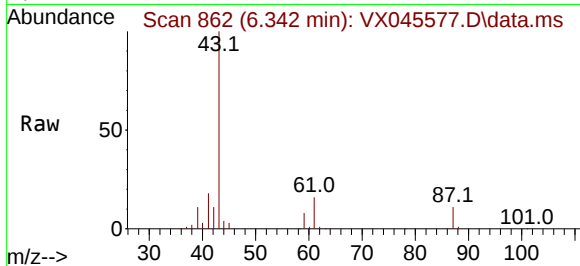




#43
Isopropyl Acetate
Concen: 40.861 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

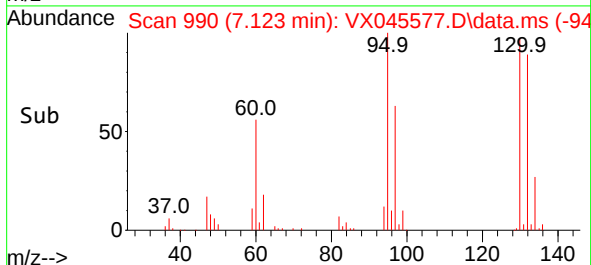
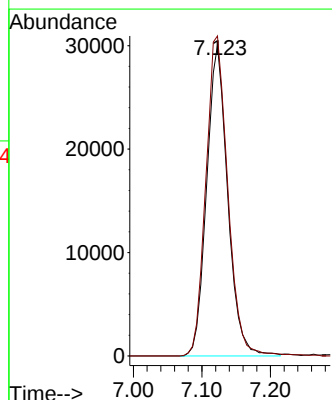
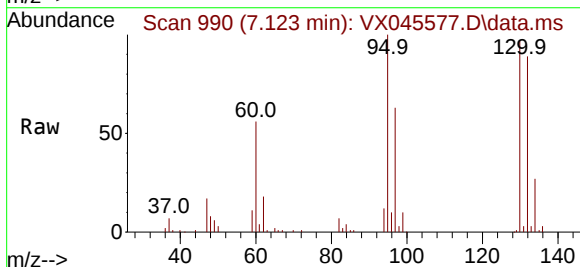
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion: 43 Resp: 93045
Ion Ratio Lower Upper
43 100
61 17.4 14.1 21.1
87 11.4 9.2 13.8



#44
Trichloroethene
Concen: 74.217 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:130 Resp: 64230
Ion Ratio Lower Upper
130 100
95 103.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 41.396 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

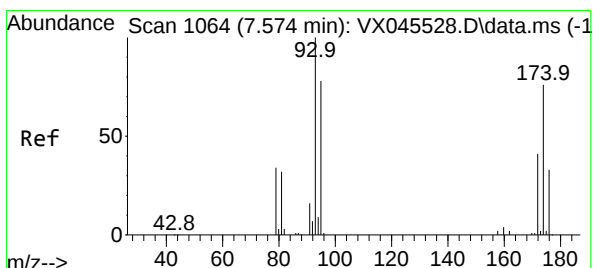
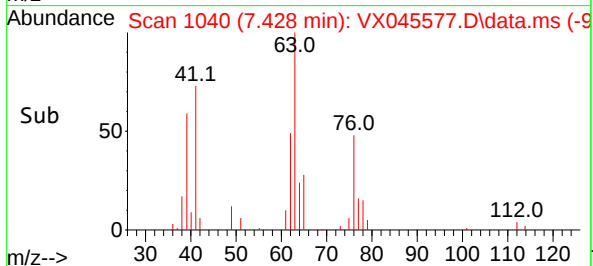
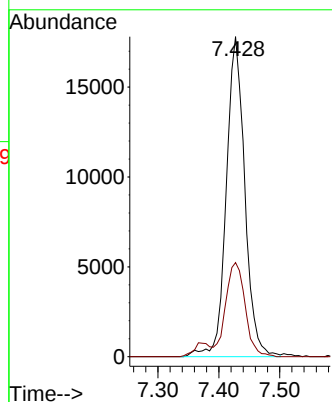
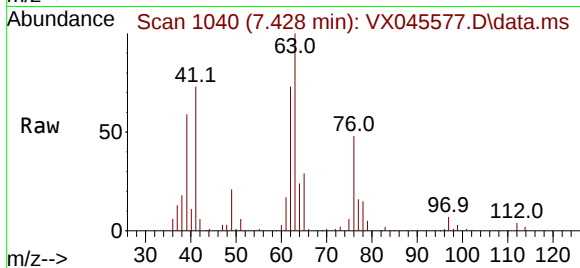
MW-18B-56-040225MSD

Tgt Ion: 63 Resp: 37608

Ion Ratio Lower Upper

63 100

65 29.4 25.8 38.6



#46

Dibromomethane

Concen: 42.409 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

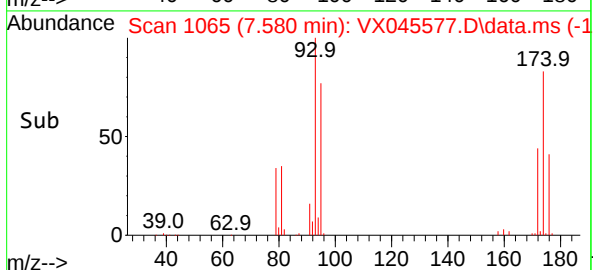
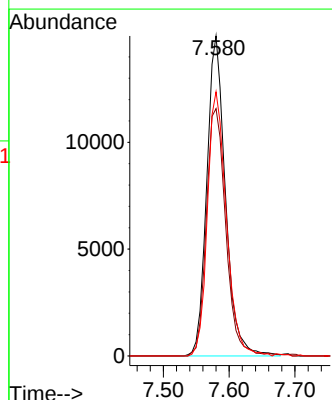
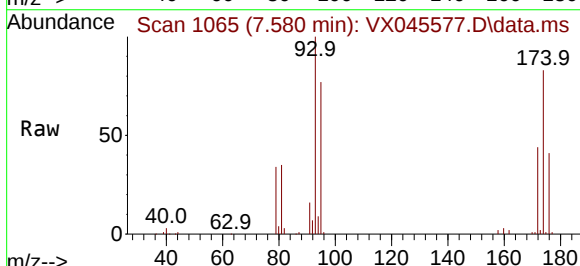
Tgt Ion: 93 Resp: 29576

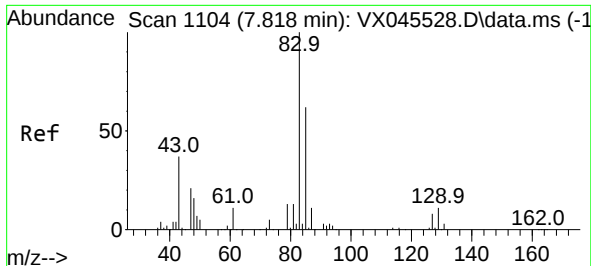
Ion Ratio Lower Upper

93 100

95 80.5 64.8 97.2

174 84.0 65.4 98.0

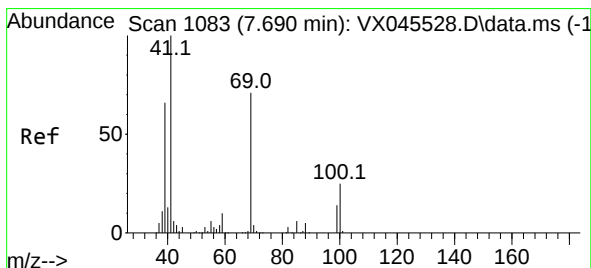
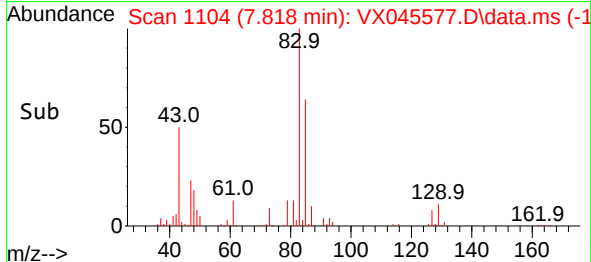
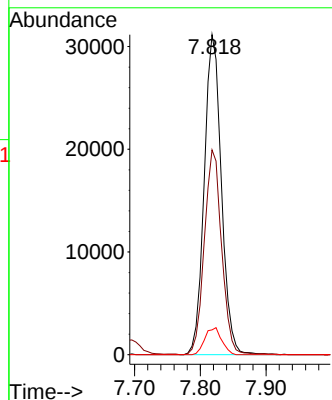
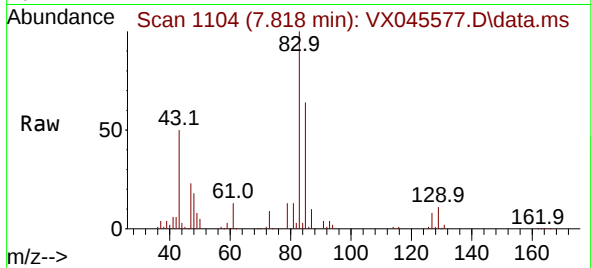




#47
Bromodichloromethane
Concen: 40.580 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

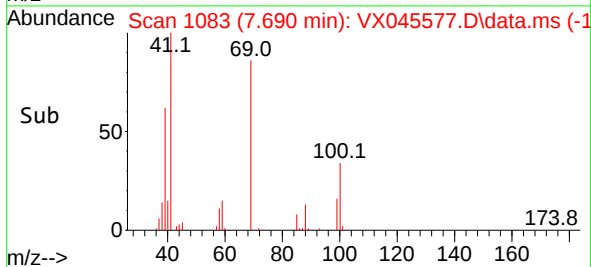
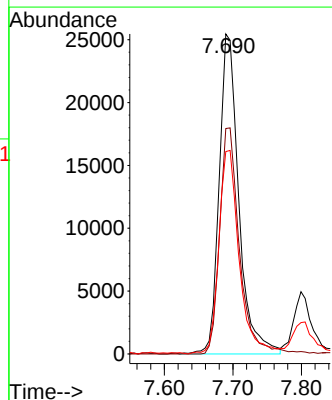
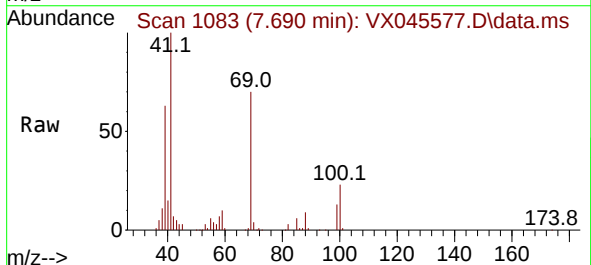
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

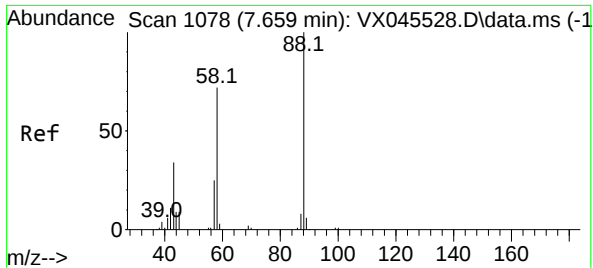
Tgt Ion: 83 Resp: 56518
Ion Ratio Lower Upper
83 100
85 64.0 49.7 74.5
127 7.8 6.1 9.1



#48
Methyl methacrylate
Concen: 42.896 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 41 Resp: 50434
Ion Ratio Lower Upper
41 100
69 71.5 58.2 87.2
39 65.7 53.6 80.4





#49

1,4-Dioxane

Concen: 868.137 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

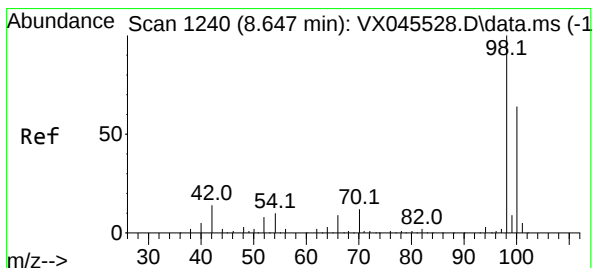
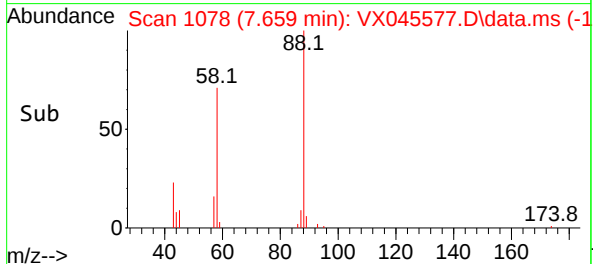
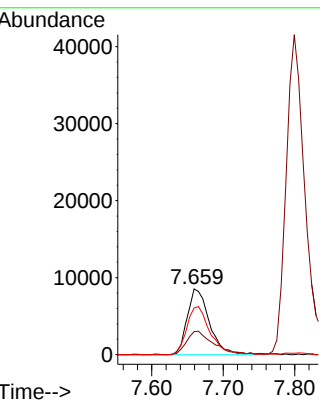
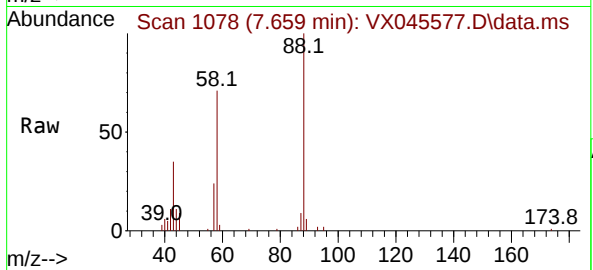
Tgt Ion: 88 Resp: 18467

Ion Ratio Lower Upper

88 100

43 43.2 32.2 48.4

58 76.1 58.6 88.0



#50

Toluene-d8

Concen: 44.840 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045577.D

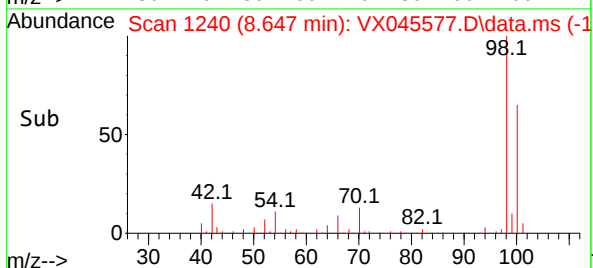
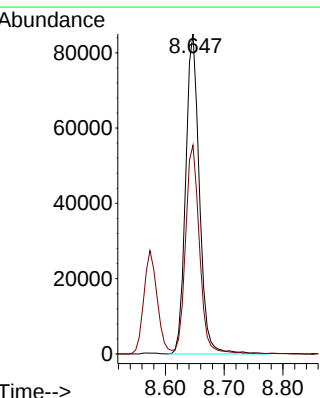
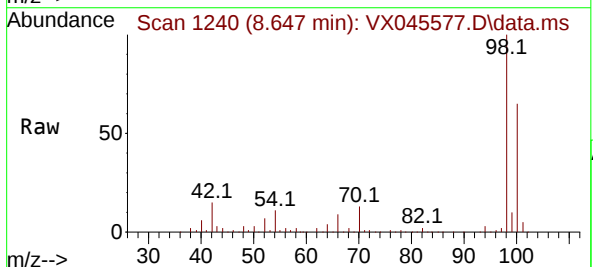
Acq: 03 Apr 2025 17:33

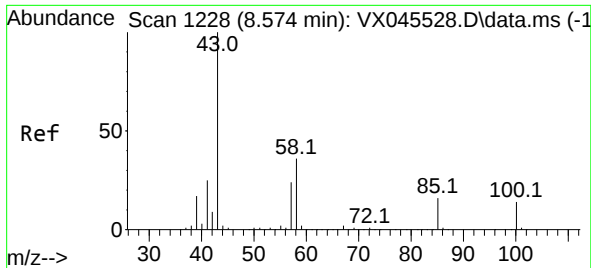
Tgt Ion: 98 Resp: 138195

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

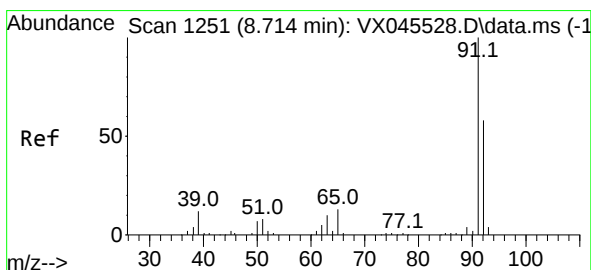
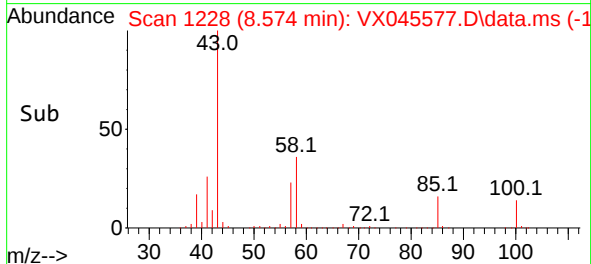
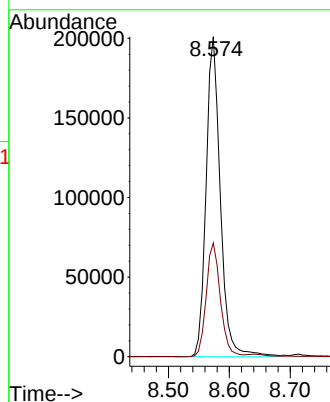
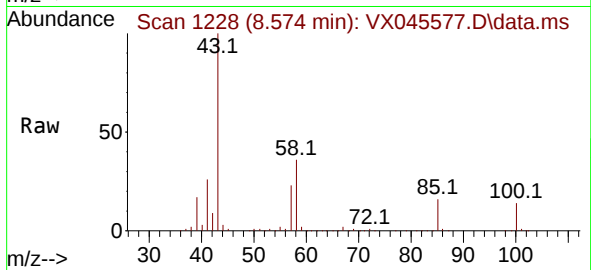




#51
4-Methyl-2-Pentanone
Concen: 216.701 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

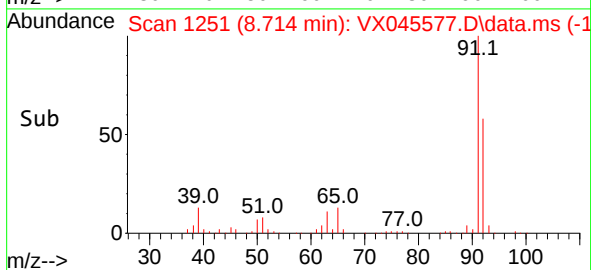
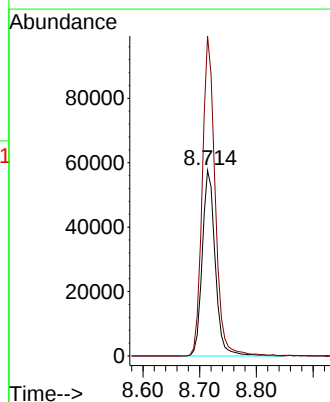
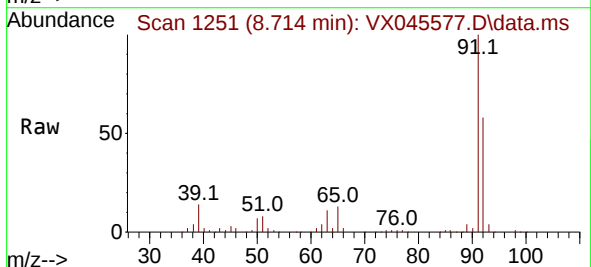
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion: 43 Resp: 327122
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7



#52
Toluene
Concen: 41.527 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 92 Resp: 91494
Ion Ratio Lower Upper
92 100
91 171.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 36.797 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

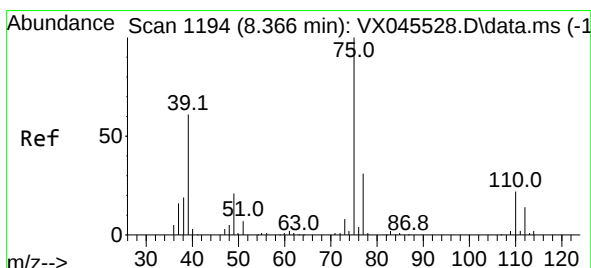
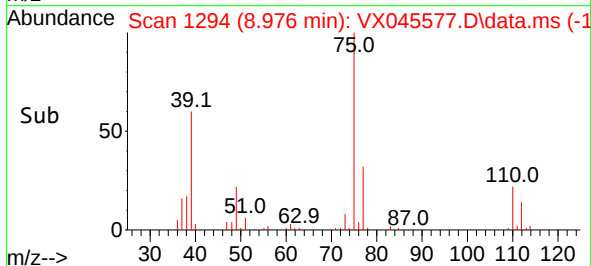
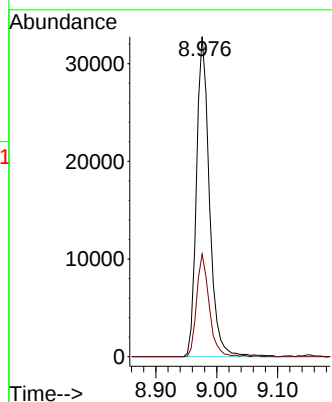
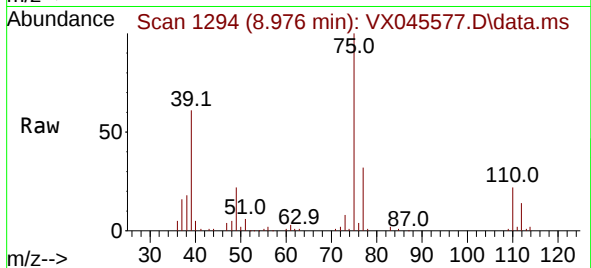
MW-18B-56-040225MSD

Tgt Ion: 75 Resp: 48435

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 41.229 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

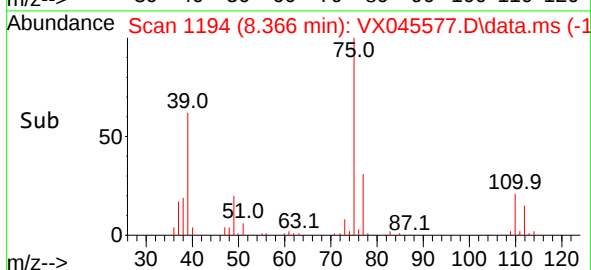
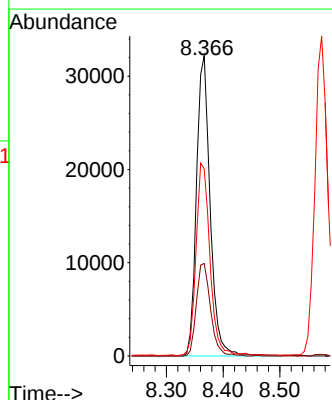
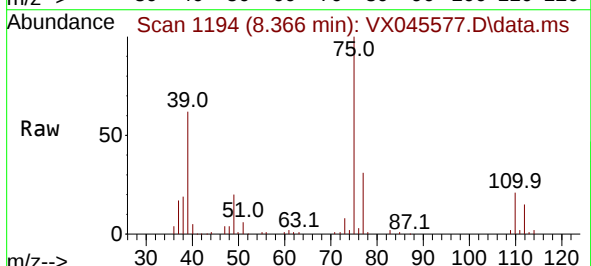
Tgt Ion: 75 Resp: 53960

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 62.1 48.4 72.6

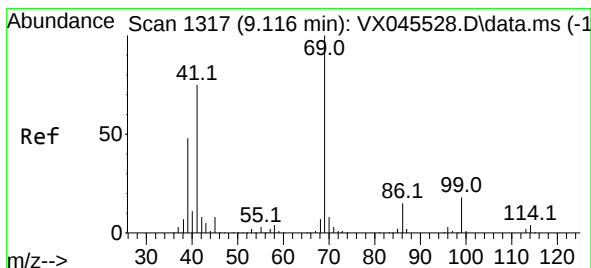
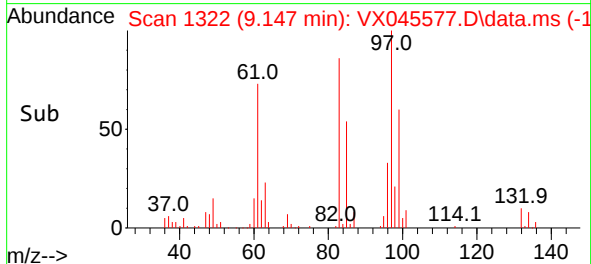
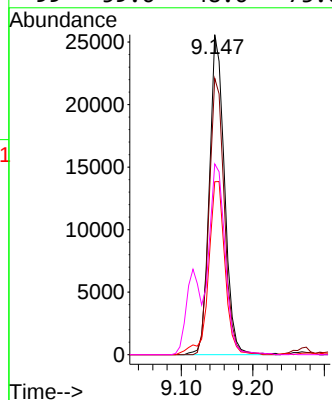
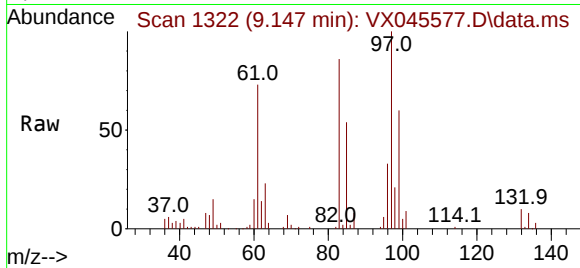




#55
1,1,2-Trichloroethane
Concen: 42.883 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

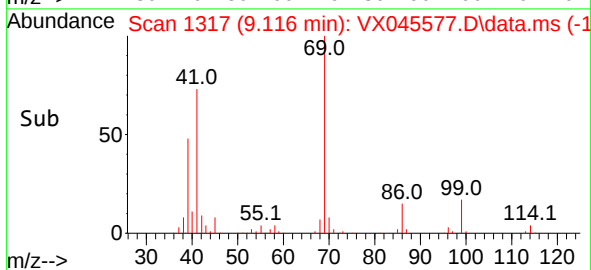
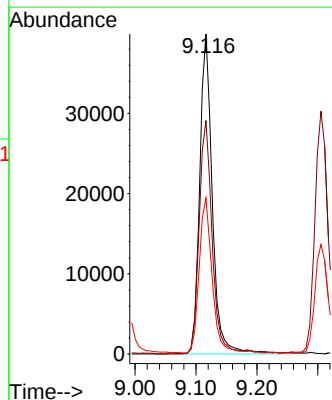
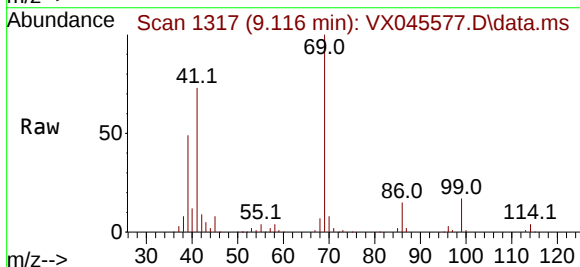
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

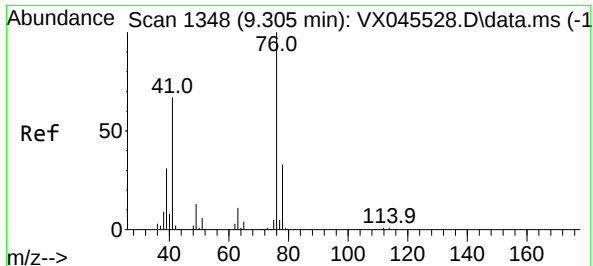
Tgt Ion:	97	Resp:	37650
Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.8	107.8
85	53.8	47.0	70.6
99	59.6	48.6	73.0



#56
Ethyl methacrylate
Concen: 42.272 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:	69	Resp:	57438
Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.3	91.9
39	49.8	40.2	60.2





#57

1,3-Dichloropropane

Concen: 42.735 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

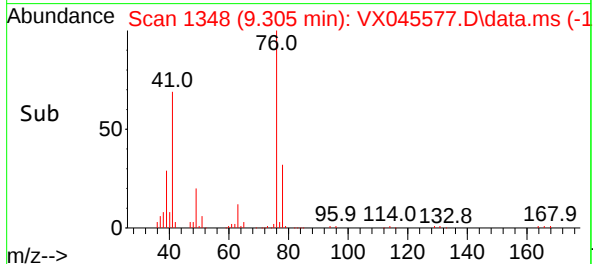
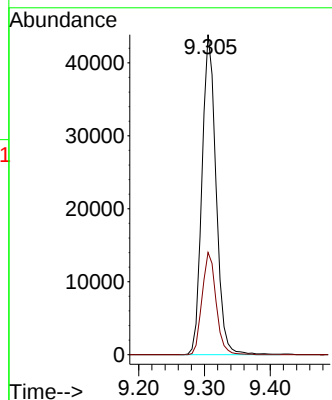
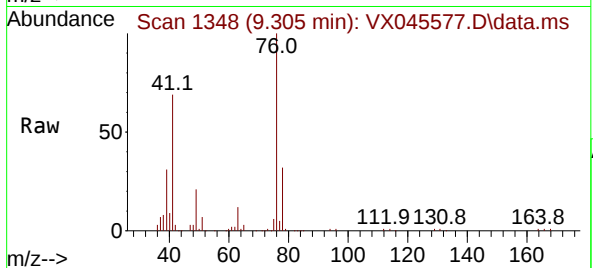
MW-18B-56-040225MSD

Tgt Ion: 76 Resp: 65336

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 1.952 ug/l

RT: 8.263 min Scan# 1177

Delta R.T. 0.024 min

Lab File: VX045577.D

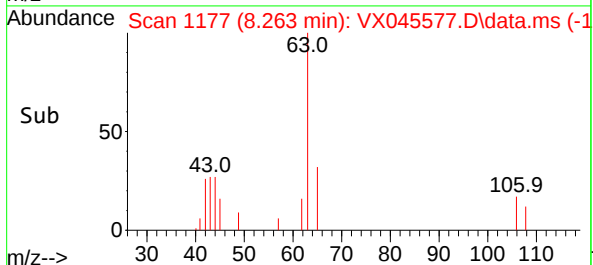
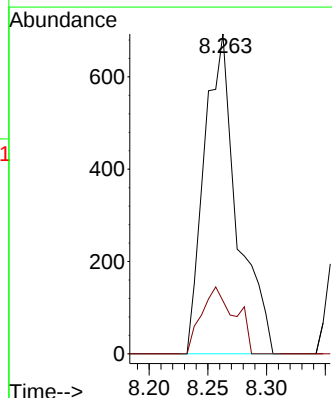
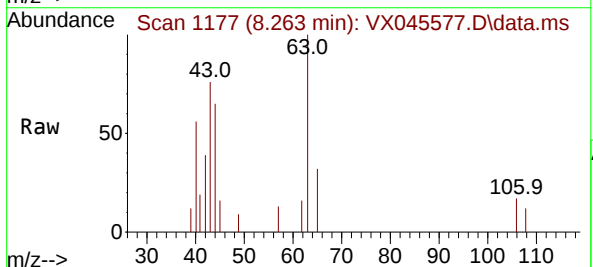
Acq: 03 Apr 2025 17:33

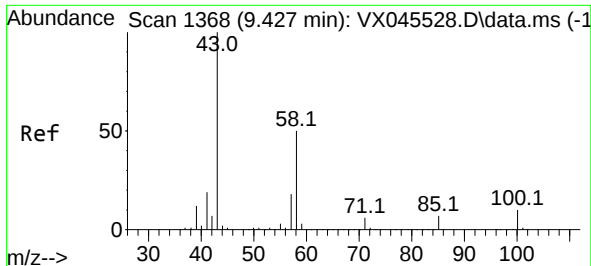
Tgt Ion: 63 Resp: 1342

Ion Ratio Lower Upper

63 100

106 21.5 21.0 31.6

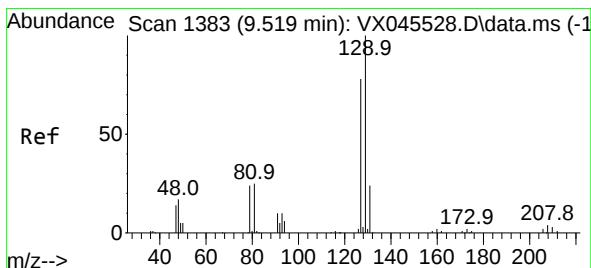
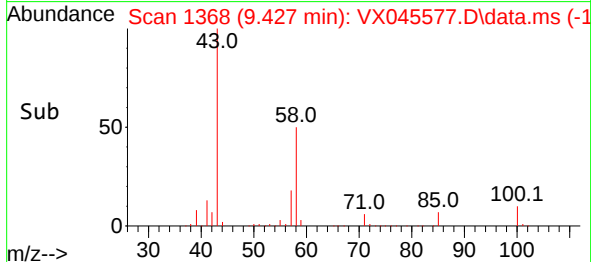
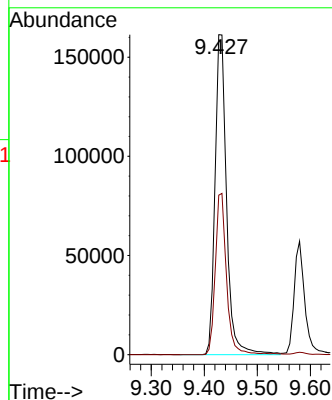
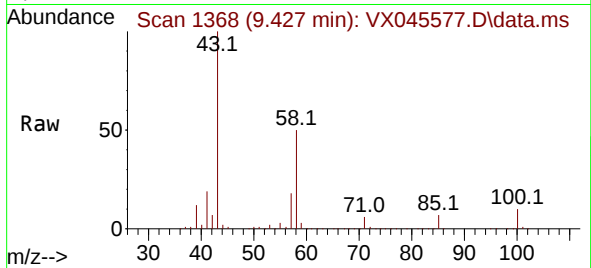




#59
2-Hexanone
Concen: 219.150 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

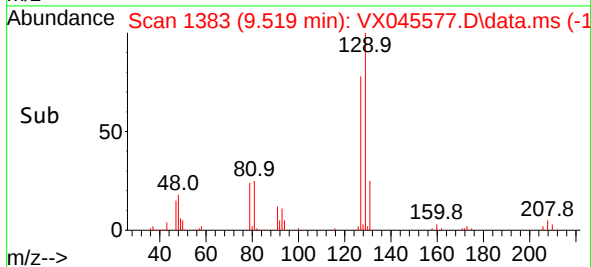
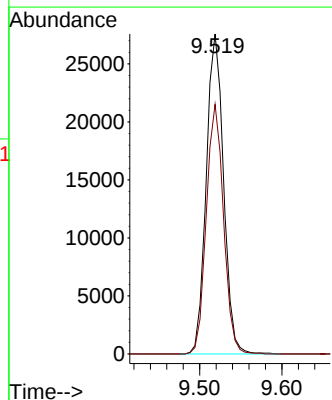
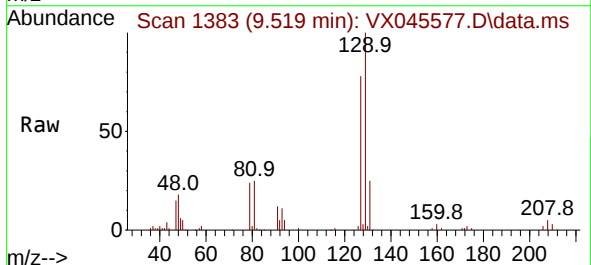
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

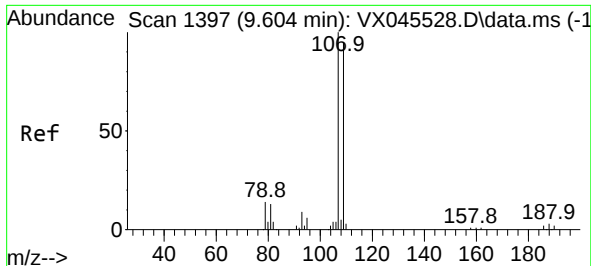
Tgt Ion: 43 Resp: 244980
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6



#60
Dibromochloromethane
Concen: 42.099 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 129 Resp: 40295
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2

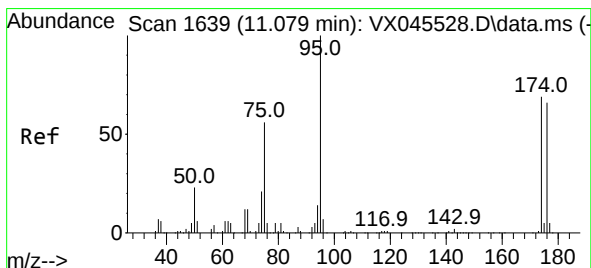
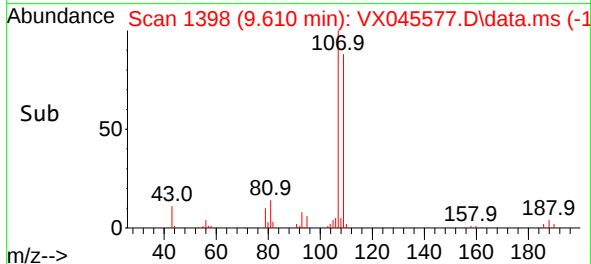
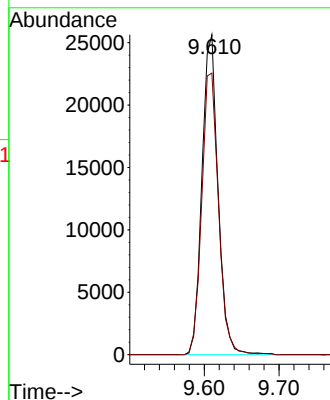
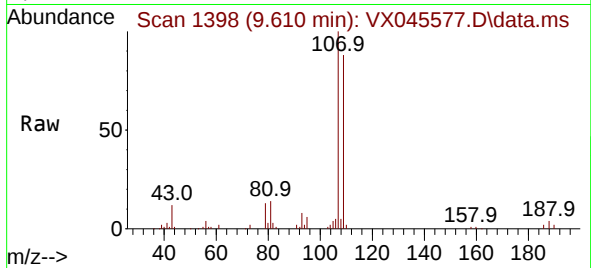




#61
1,2-Dibromoethane
Concen: 43.098 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

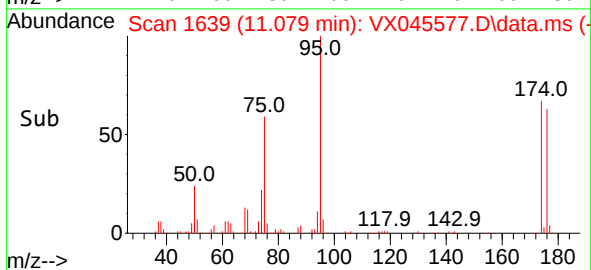
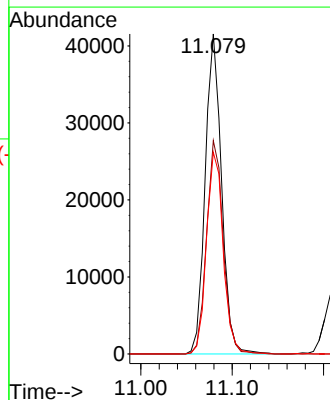
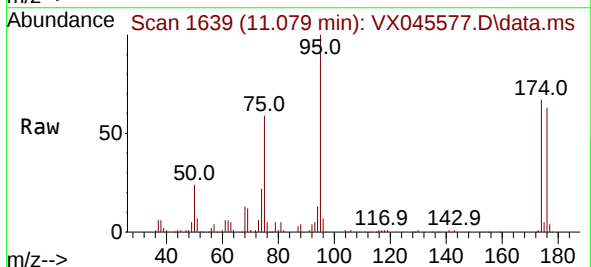
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

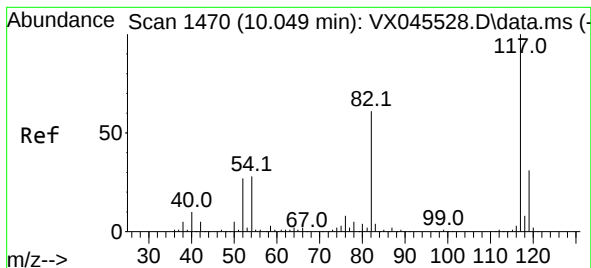
Tgt Ion:107 Resp: 38304
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 45.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 95 Resp: 51613
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 64.3 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: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

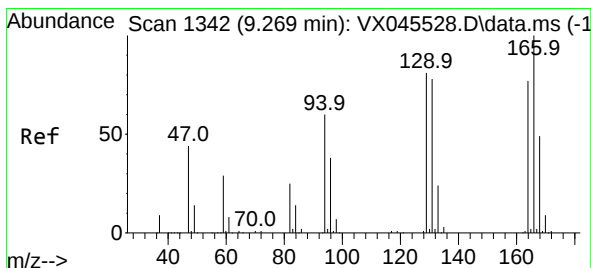
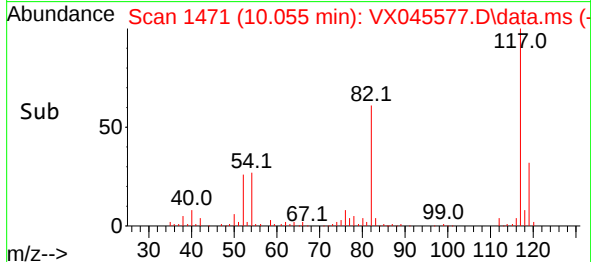
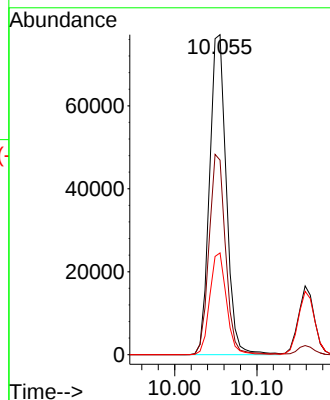
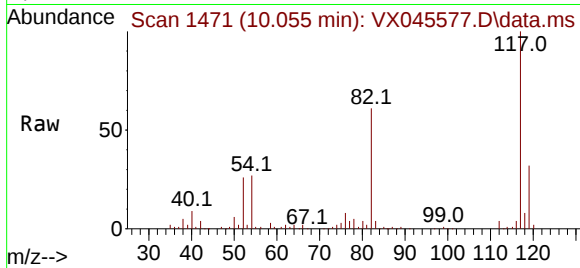
Tgt Ion:117 Resp: 109108

Ion Ratio Lower Upper

117 100

82 60.8 49.2 73.8

119 31.8 25.1 37.7



#64

Tetrachloroethene

Concen: 40.159 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Tgt Ion:164 Resp: 30936

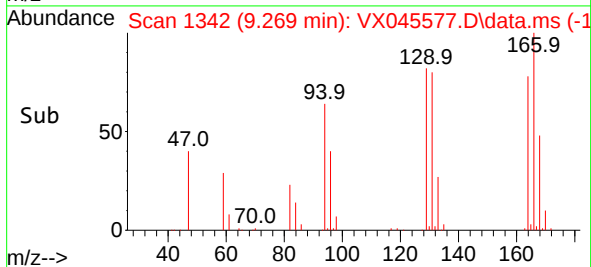
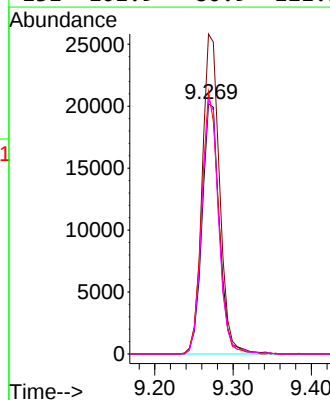
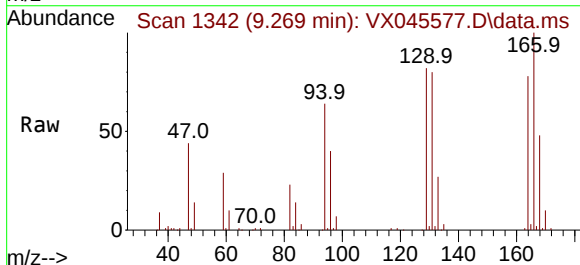
Ion Ratio Lower Upper

164 100

166 128.0 103.8 155.8

129 105.0 84.3 126.5

131 101.9 80.9 121.3

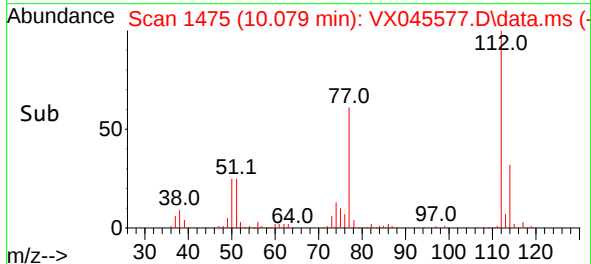
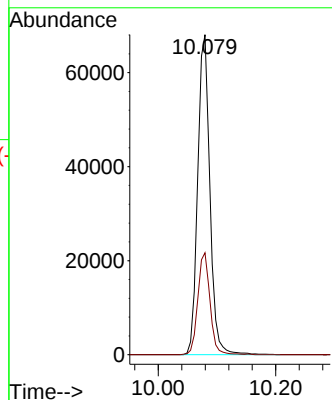
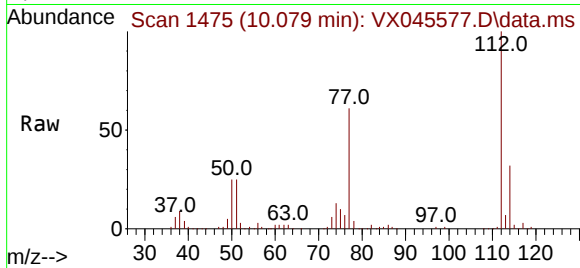




#65
Chlorobenzene
Concen: 42.027 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

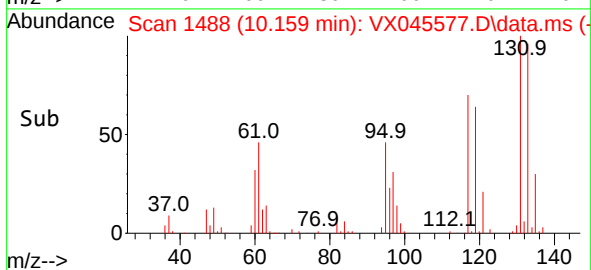
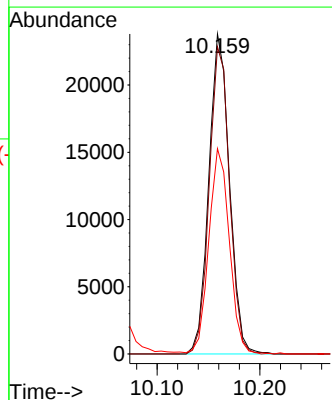
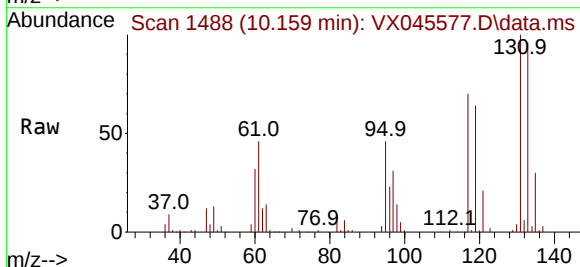
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

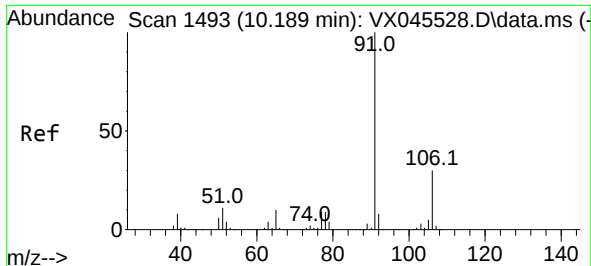
Tgt Ion:112 Resp: 97984
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 40.930 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:131 Resp: 33130
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.1 32.9 98.6





#67

Ethyl Benzene

Concen: 41.892 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

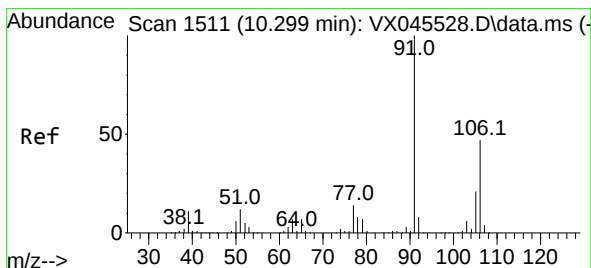
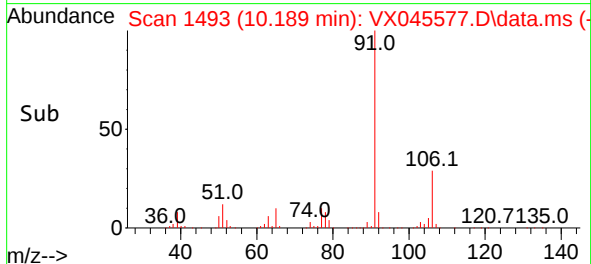
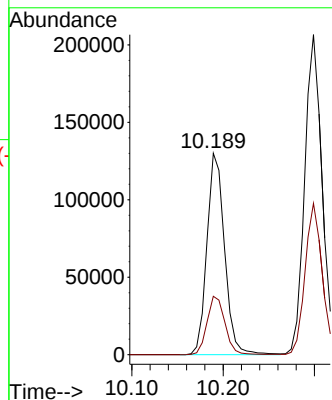
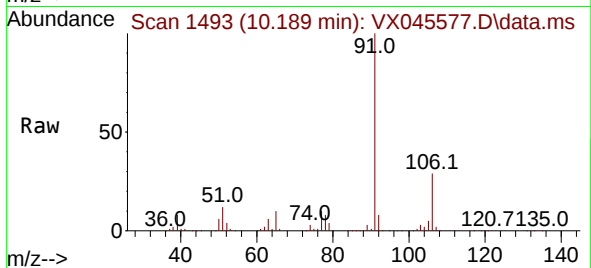
MW-18B-56-040225MSD

Tgt Ion: 91 Resp: 174928

Ion Ratio Lower Upper

91 100

106 29.0 23.7 35.5



#68

m/p-Xylenes

Concen: 85.358 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045577.D

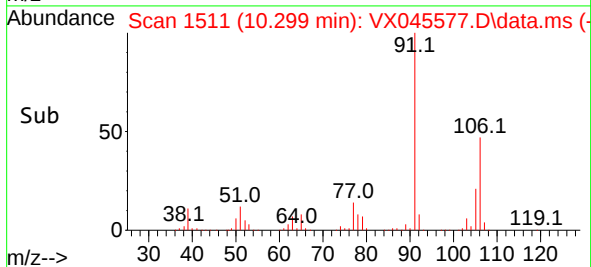
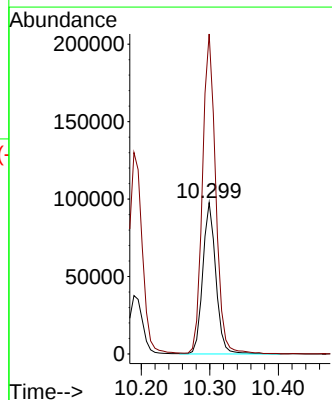
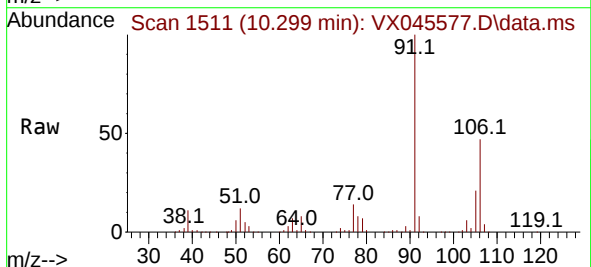
Acq: 03 Apr 2025 17:33

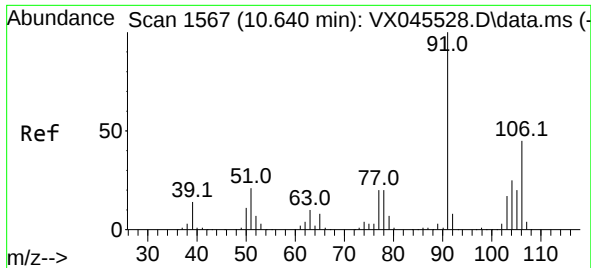
Tgt Ion: 106 Resp: 129635

Ion Ratio Lower Upper

106 100

91 214.4 172.6 258.8

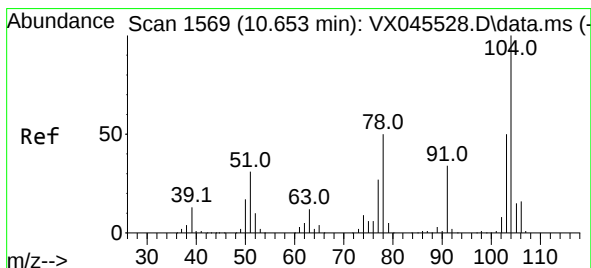
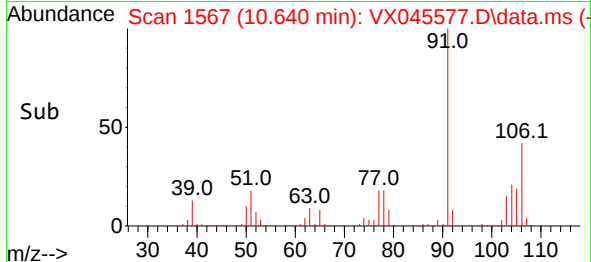
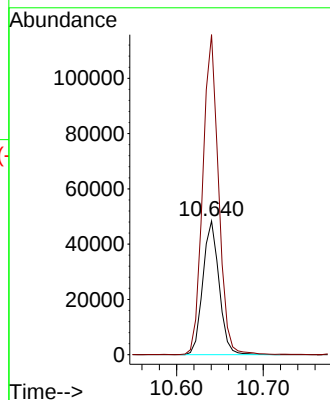
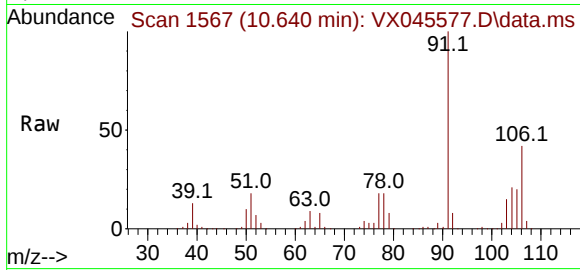




#69
o-Xylene
Concen: 42.080 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

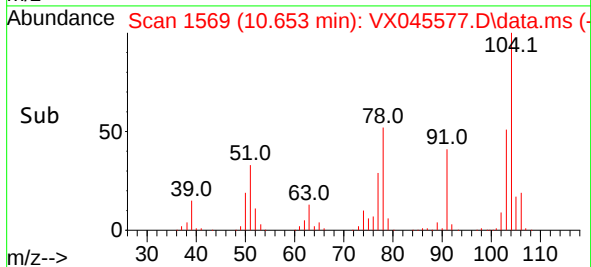
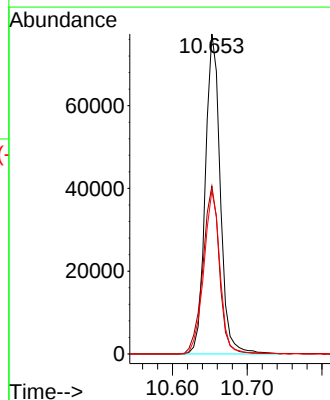
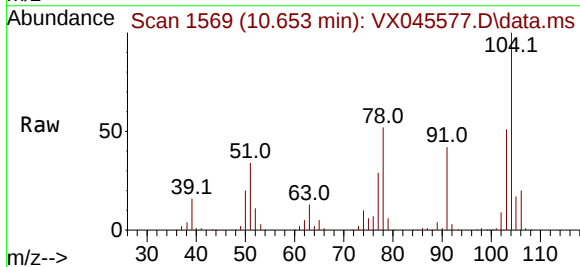
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

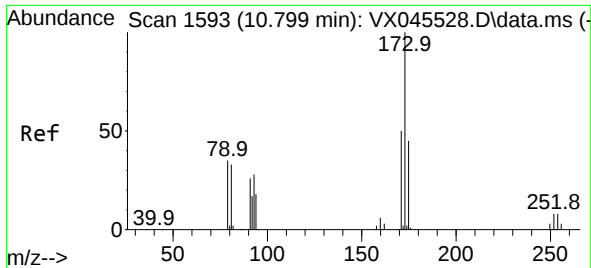
Tgt Ion:106 Resp: 62955
Ion Ratio Lower Upper
106 100
91 232.6 113.6 340.6



#70
Styrene
Concen: 43.611 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:104 Resp: 107687
Ion Ratio Lower Upper
104 100
78 57.8 45.4 68.2
103 55.1 43.8 65.8

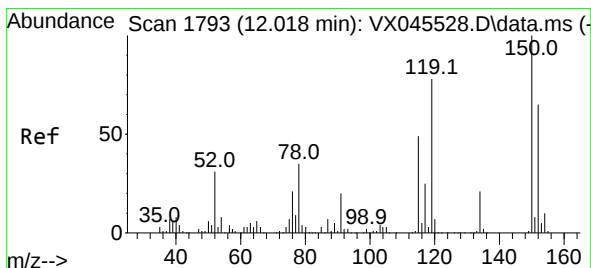
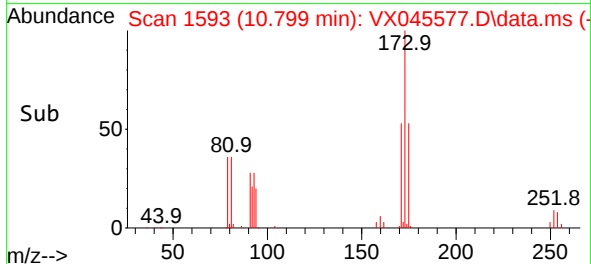
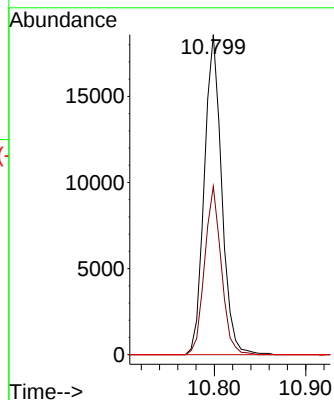
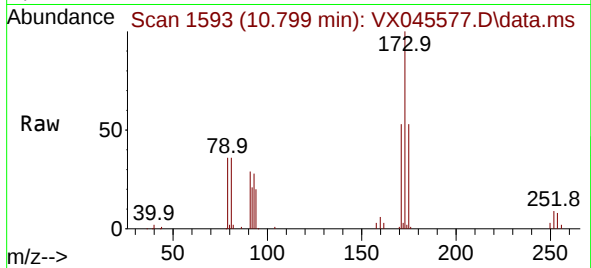




#71
Bromoform
Concen: 40.574 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

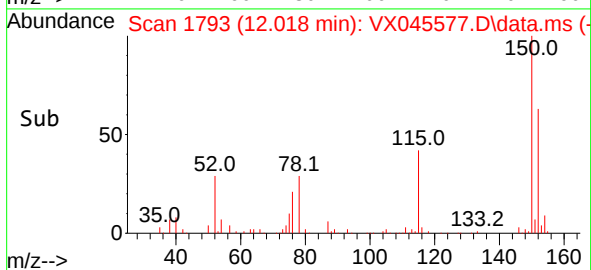
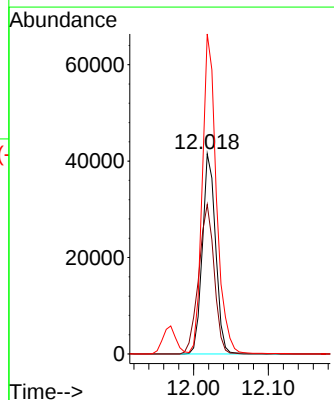
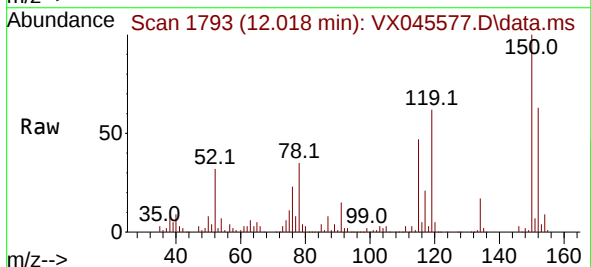
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

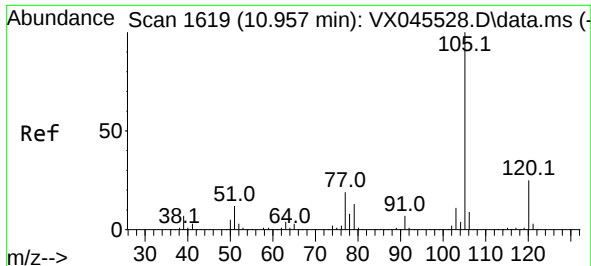
Tgt Ion:173 Resp: 24522
Ion Ratio Lower Upper
173 100
175 50.4 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion:152 Resp: 51026
Ion Ratio Lower Upper
152 100
115 87.2 46.9 140.7
150 170.0 0.0 349.4

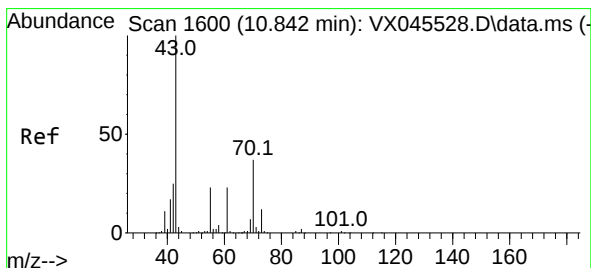
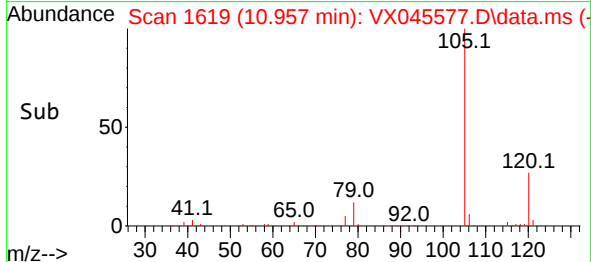
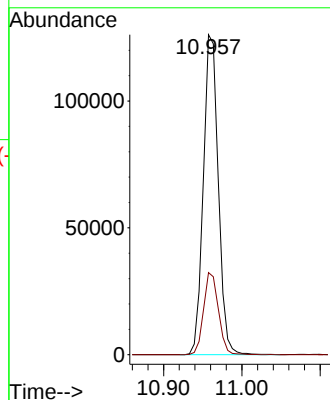
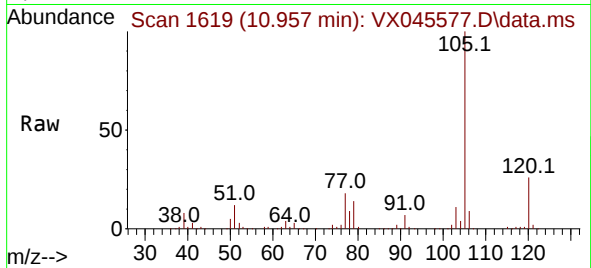




#73
Isopropylbenzene
Concen: 40.915 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

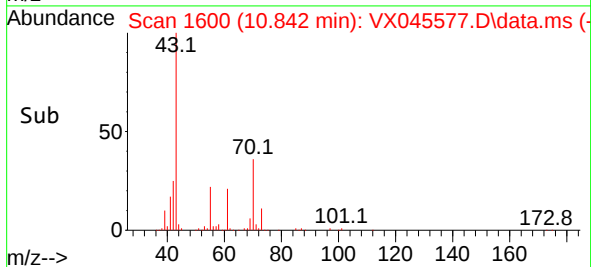
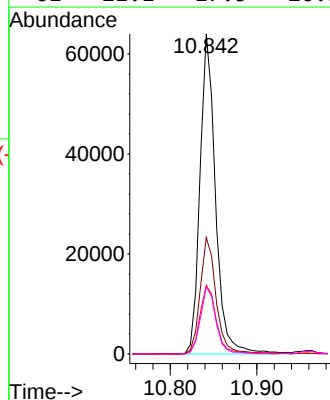
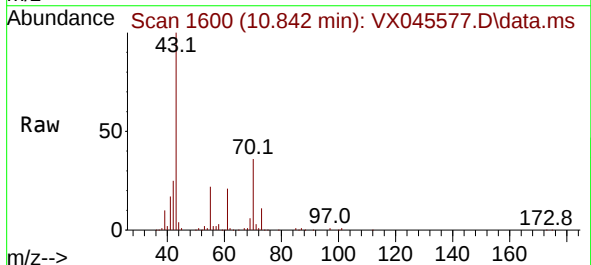
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

Tgt Ion:105 Resp: 167230
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0



#74
N-ethyl acetate
Concen: 40.809 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 43 Resp: 79786
Ion Ratio Lower Upper
43 100
70 37.7 30.1 45.1
55 23.0 18.3 27.5
61 21.1 17.5 26.3

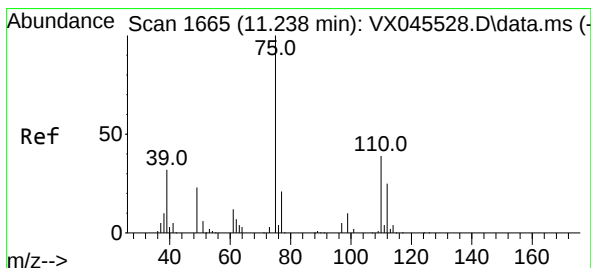
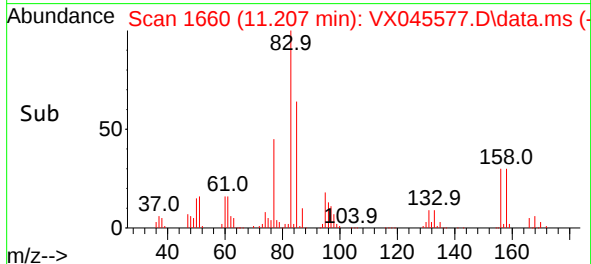
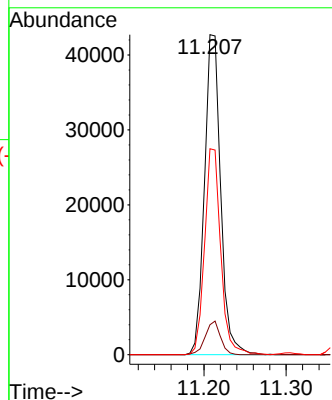
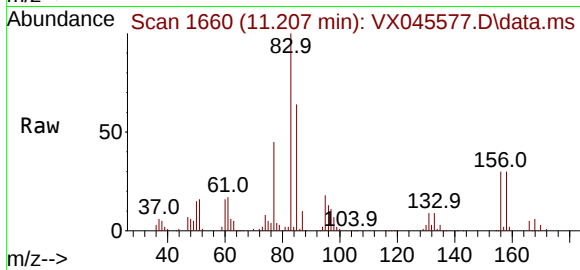




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.727 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

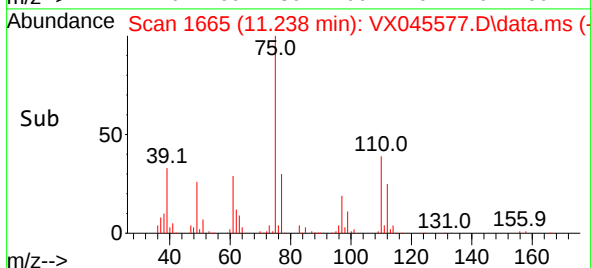
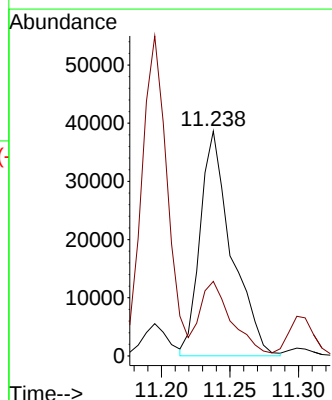
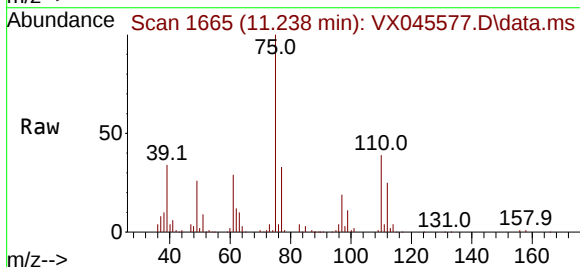
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MSD

Tgt Ion: 83 Resp: 58476
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.1
 85 64.0 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 49.510 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Tgt Ion: 75 Resp: 61622
 Ion Ratio Lower Upper
 75 100
 77 33.7 20.0 59.9





#77

Bromobenzene

Concen: 41.322 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

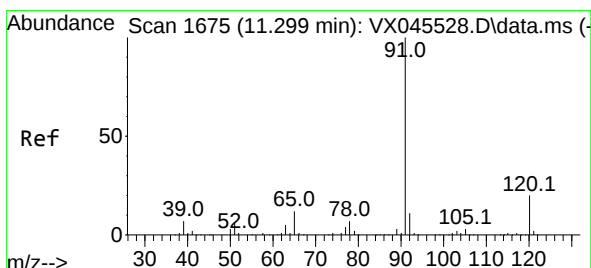
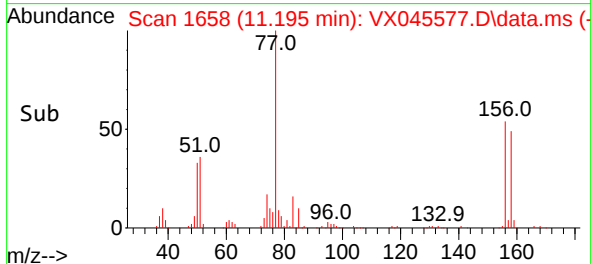
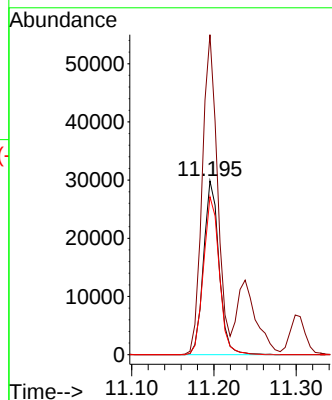
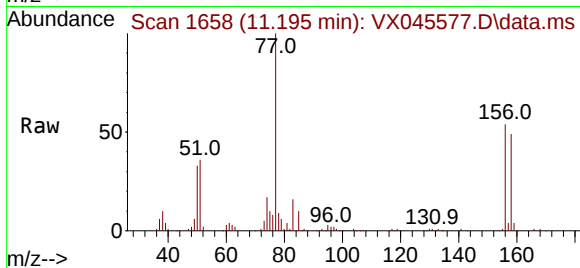
Tgt Ion:156 Resp: 39023

Ion Ratio Lower Upper

156 100

77 182.0 92.6 277.8

158 92.9 48.1 144.4



#78

n-propylbenzene

Concen: 41.291 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045577.D

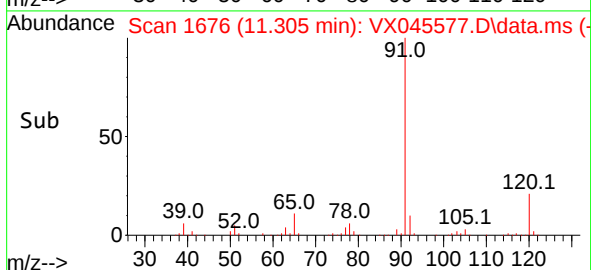
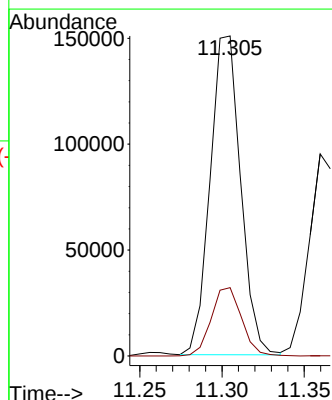
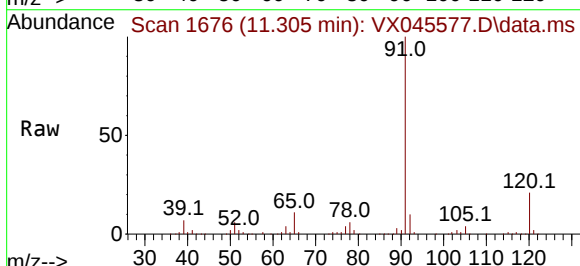
Acq: 03 Apr 2025 17:33

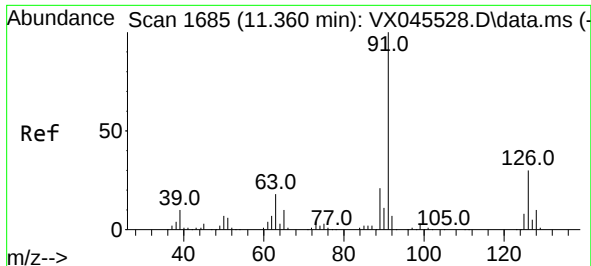
Tgt Ion: 91 Resp: 194389

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3





#79

2-Chlorotoluene

Concen: 40.544 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

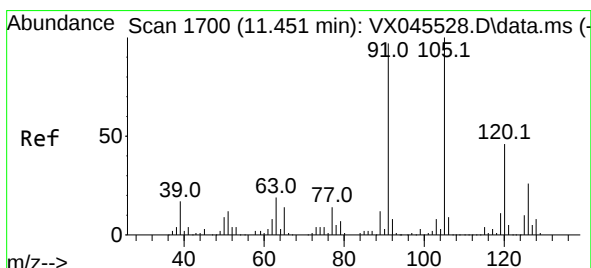
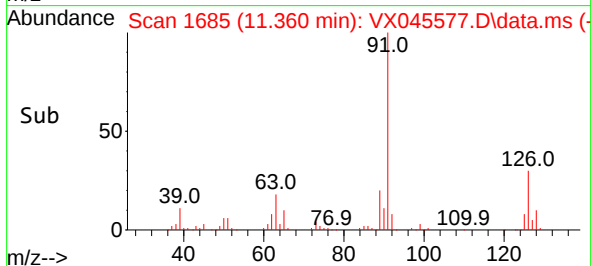
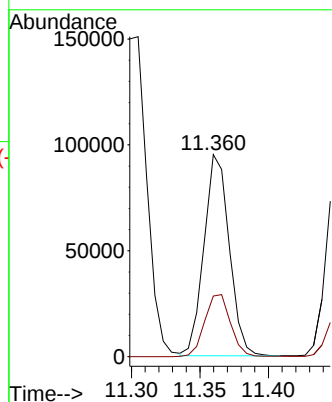
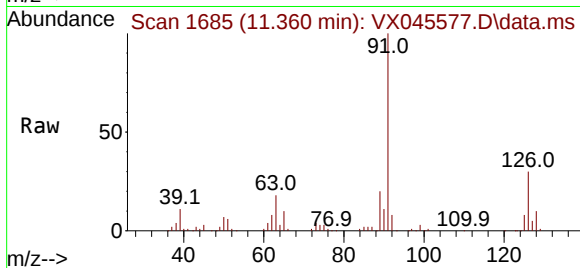
MW-18B-56-040225MSD

Tgt Ion: 91 Resp: 122025

Ion Ratio Lower Upper

91 100

126 31.7 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 40.958 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045577.D

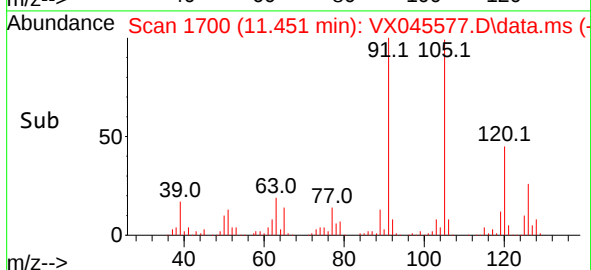
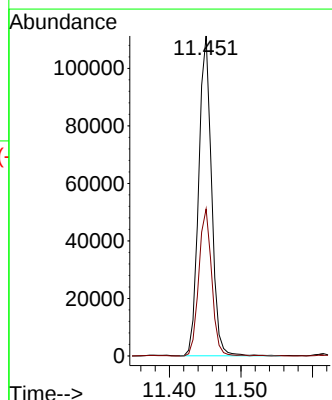
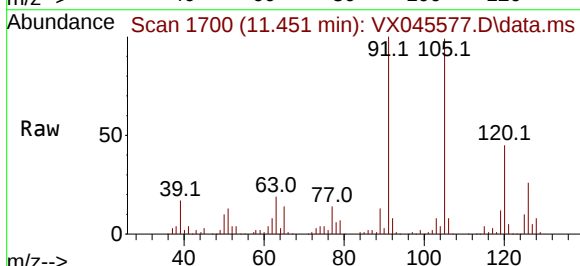
Acq: 03 Apr 2025 17:33

Tgt Ion:105 Resp: 138429

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

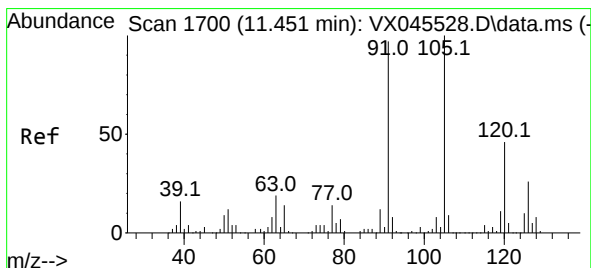
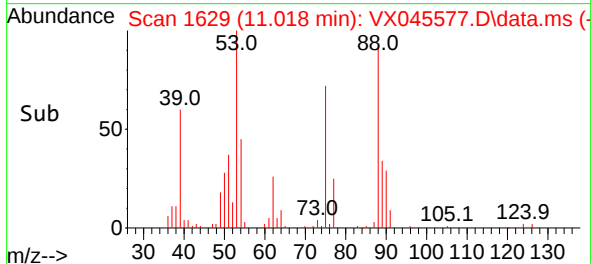
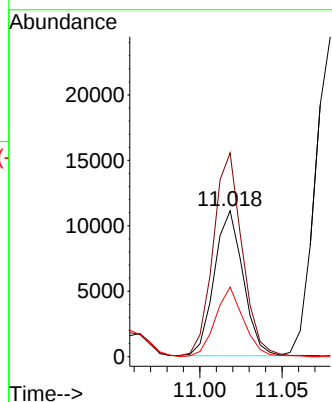
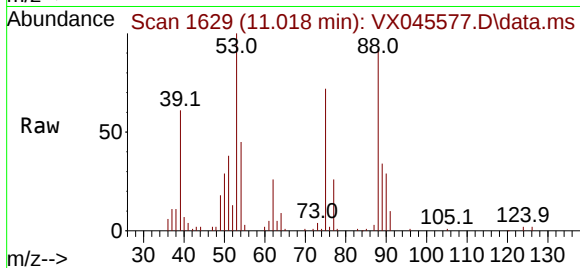




#81
trans-1,4-Dichloro-2-butene
Concen: 36.907 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

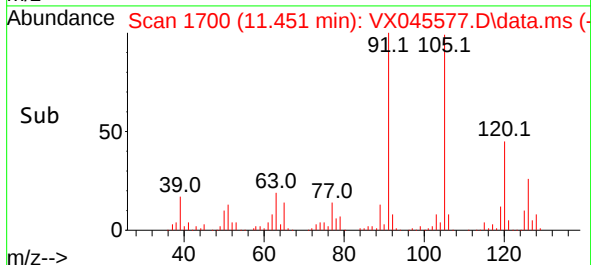
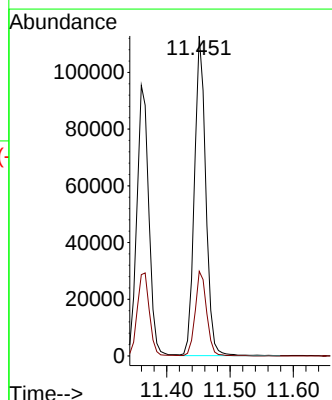
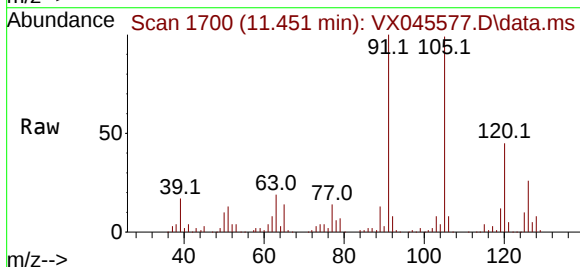
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

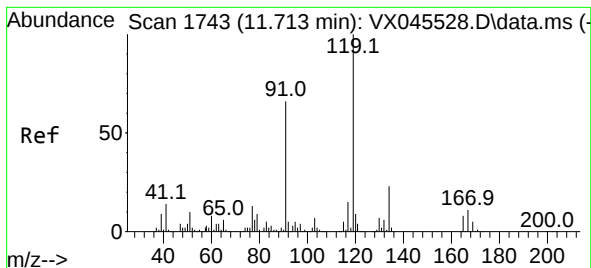
Tgt Ion: 75 Resp: 13535
Ion Ratio Lower Upper
75 100
53 143.1 101.8 152.6
89 47.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 41.866 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 91 Resp: 140486
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 40.577 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

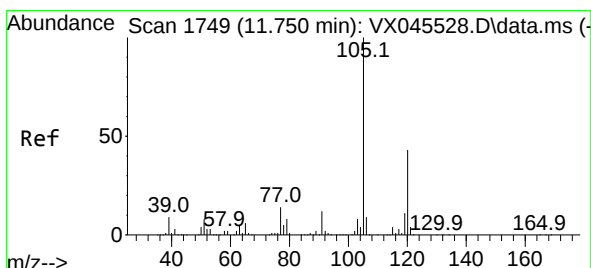
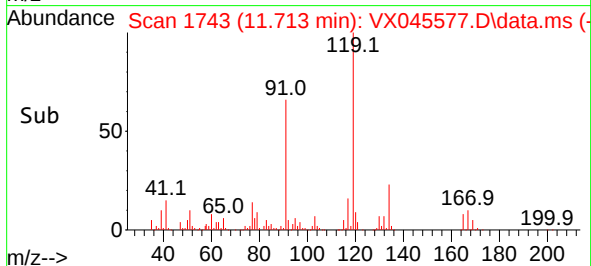
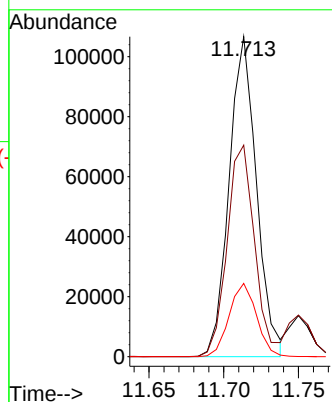
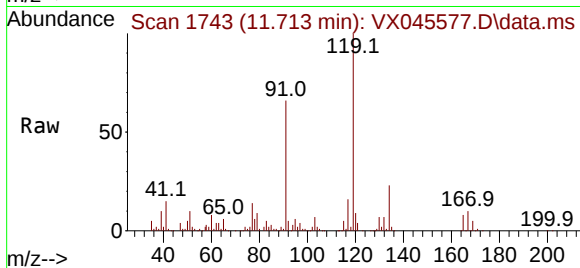
Tgt Ion:119 Resp: 135774

Ion Ratio Lower Upper

119 100

91 66.6 32.4 97.2

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 41.550 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045577.D

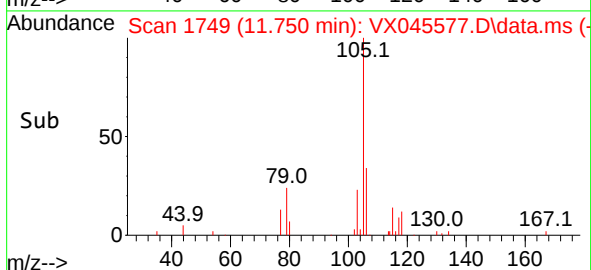
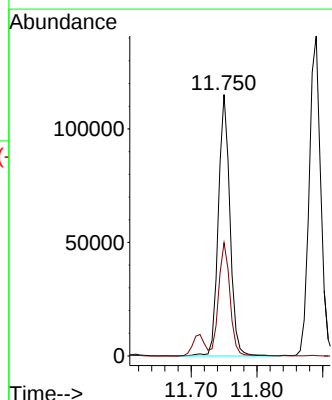
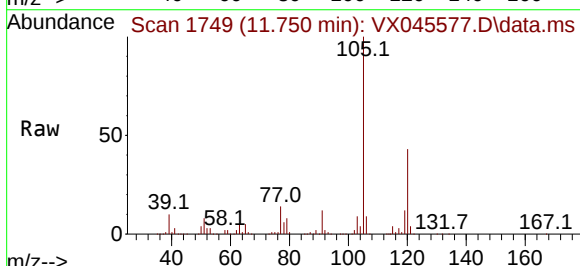
Acq: 03 Apr 2025 17:33

Tgt Ion:105 Resp: 140947

Ion Ratio Lower Upper

105 100

120 42.6 21.4 64.3

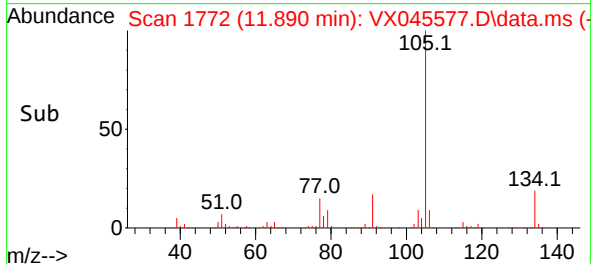
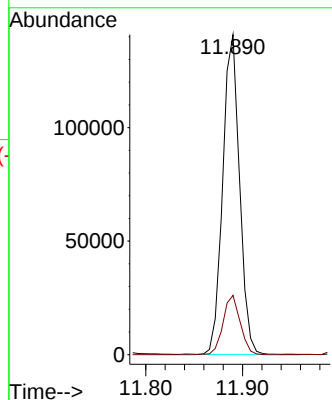
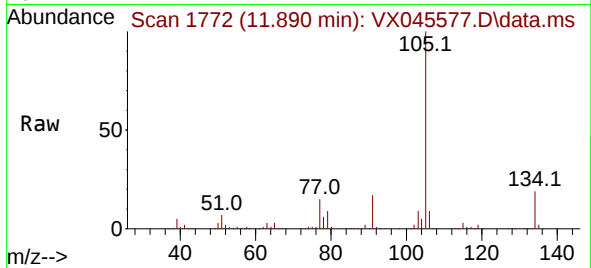




#85
 sec-Butylbenzene
 Concen: 41.307 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

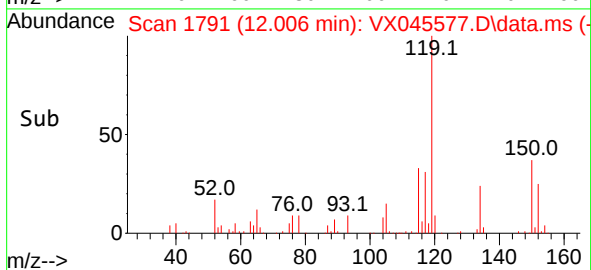
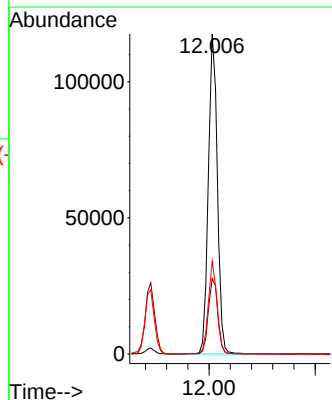
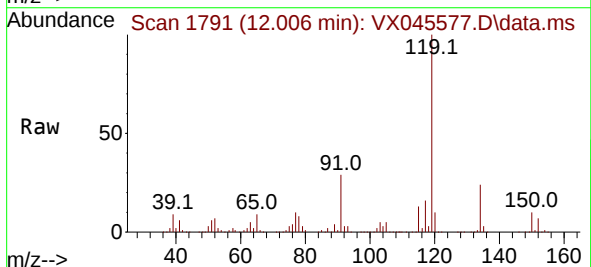
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MSD

Tgt Ion:105 Resp: 169765
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 40.807 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045577.D
 Acq: 03 Apr 2025 17:33

Tgt Ion:119 Resp: 138266
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.8 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 39.704 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

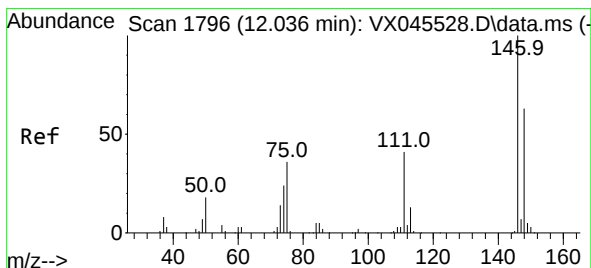
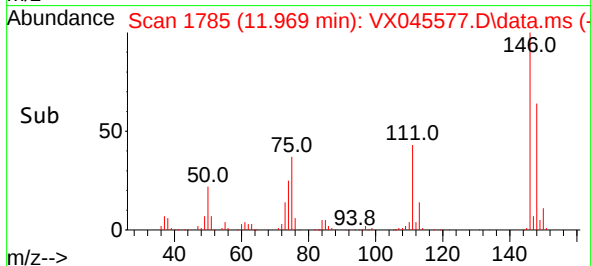
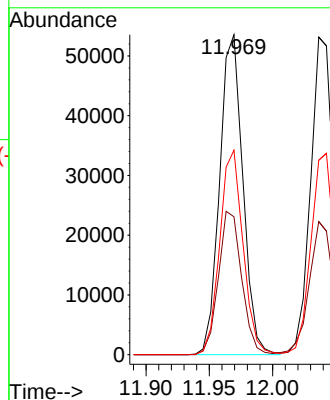
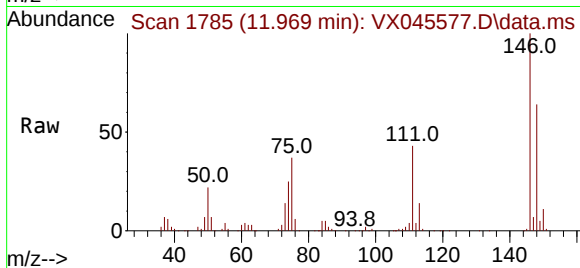
Tgt Ion:146 Resp: 68253

Ion Ratio Lower Upper

146 100

111 44.9 22.2 66.6

148 64.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 39.473 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

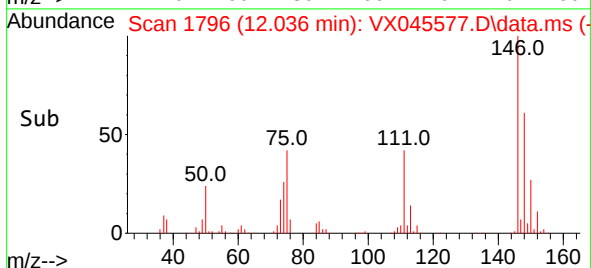
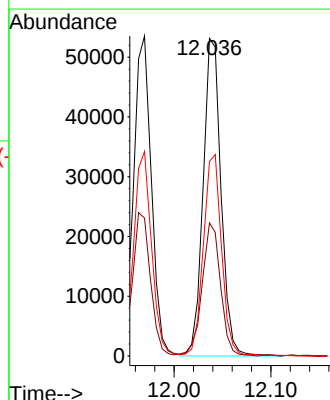
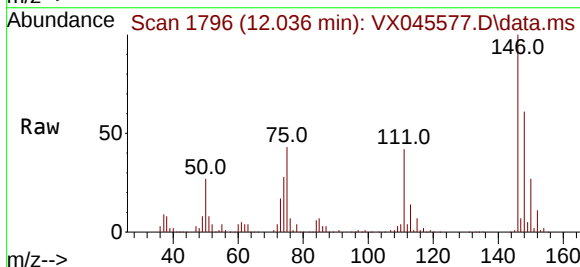
Tgt Ion:146 Resp: 68792

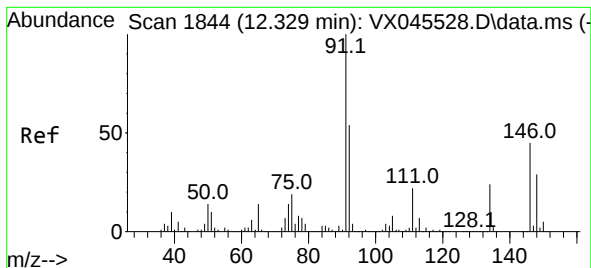
Ion Ratio Lower Upper

146 100

111 43.1 20.9 62.8

148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 41.918 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

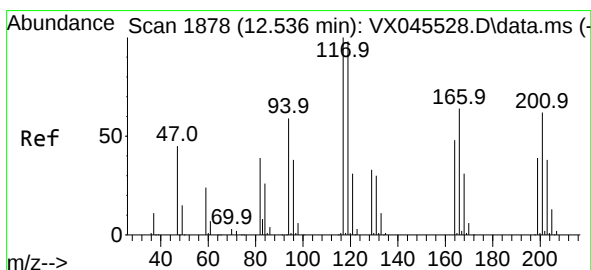
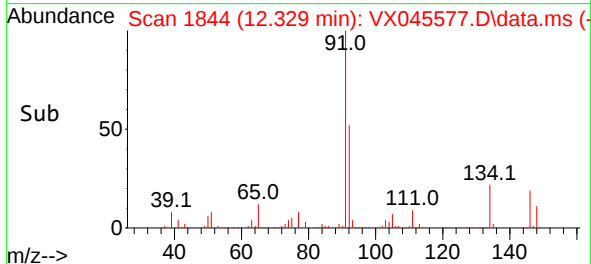
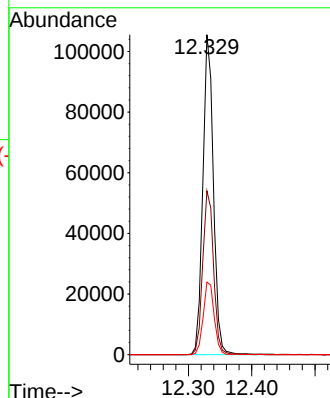
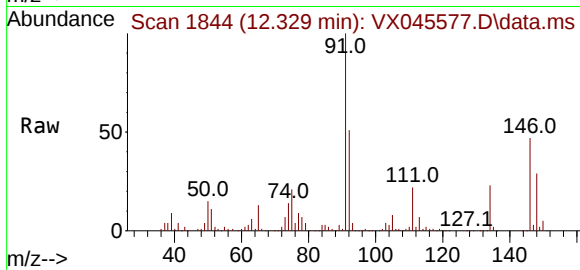
Tgt Ion: 91 Resp: 123161

Ion Ratio Lower Upper

91 100

92 52.7 26.9 80.6

134 23.6 11.9 35.7



#90

Hexachloroethane

Concen: 40.163 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045577.D

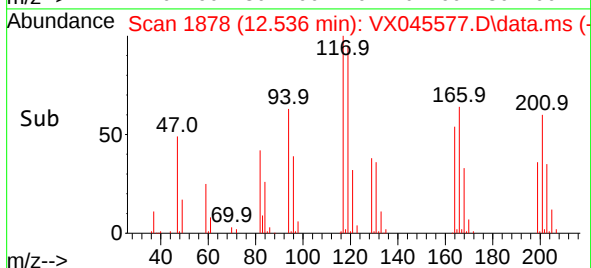
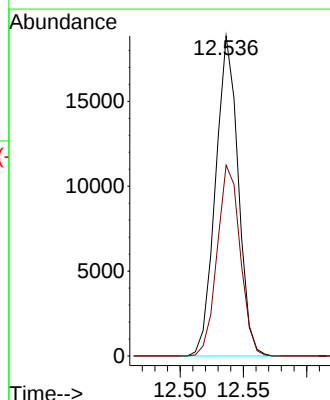
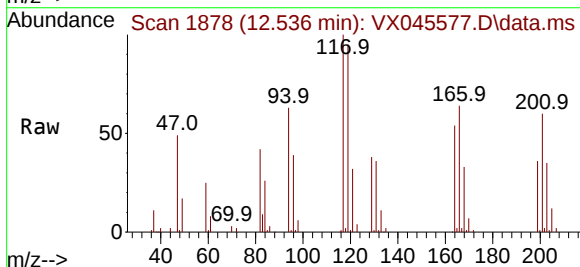
Acq: 03 Apr 2025 17:33

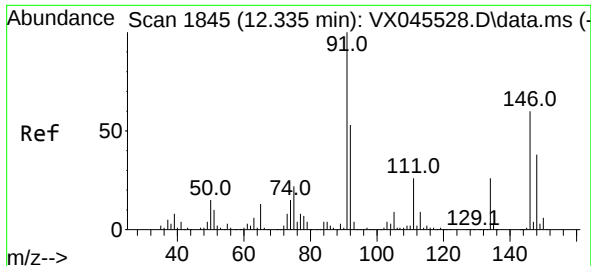
Tgt Ion: 117 Resp: 23387

Ion Ratio Lower Upper

117 100

201 60.8 31.2 93.6

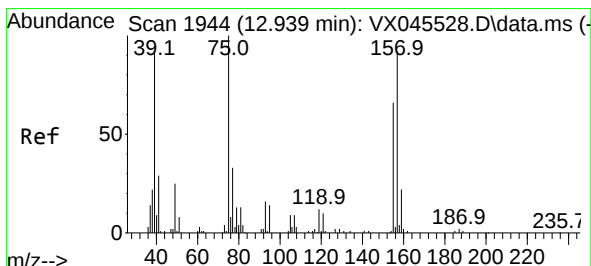
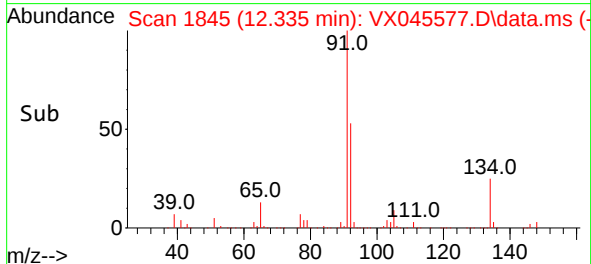
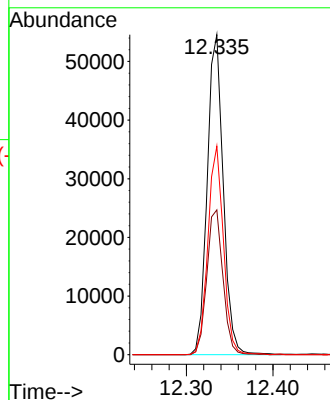
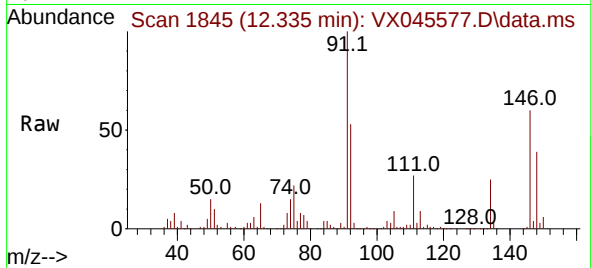




#91
1,2-Dichlorobenzene
Concen: 40.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

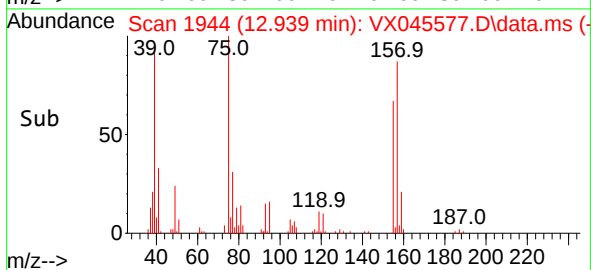
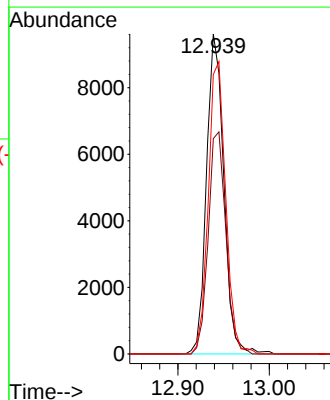
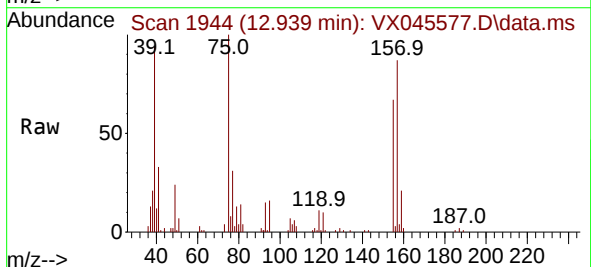
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225MSD

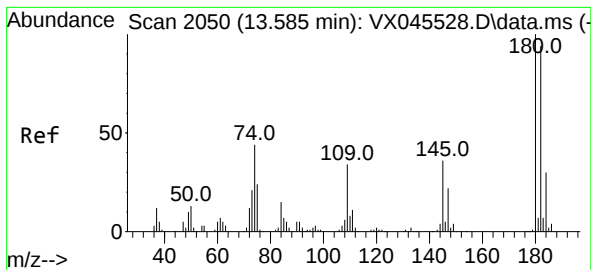
Tgt Ion:146 Resp: 70002
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.8
148 63.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.015 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045577.D
Acq: 03 Apr 2025 17:33

Tgt Ion: 75 Resp: 12616
Ion Ratio Lower Upper
75 100
155 70.6 34.9 104.7
157 91.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 39.634 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

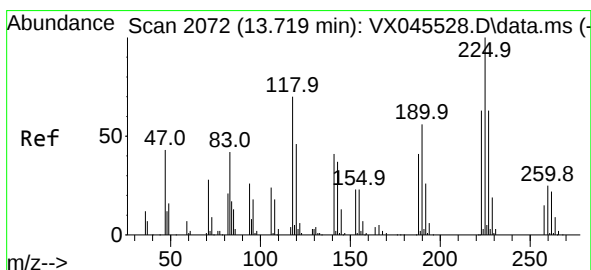
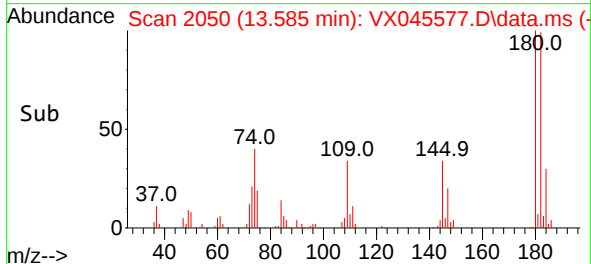
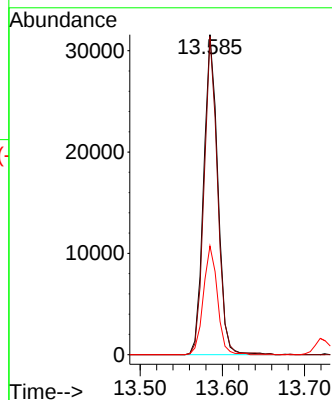
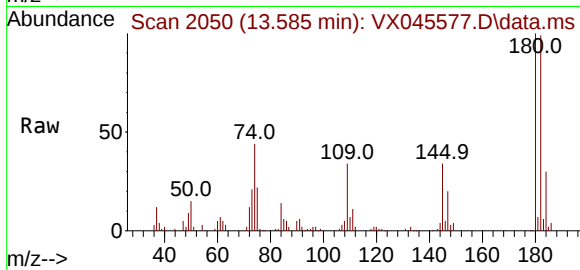
Tgt Ion:180 Resp: 37705

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 33.7 17.9 53.8



#94

Hexachlorobutadiene

Concen: 38.647 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

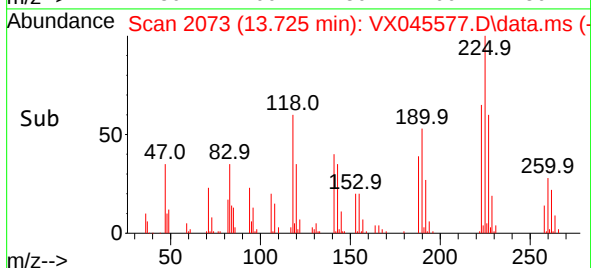
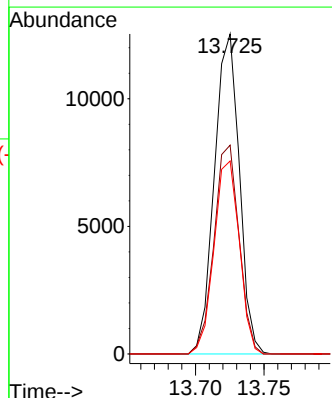
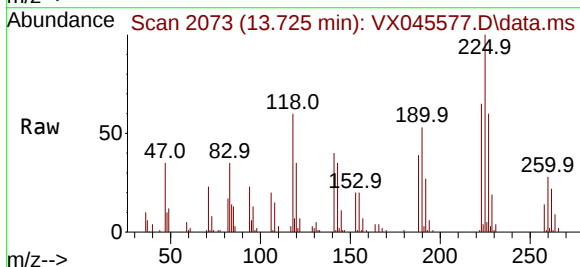
Tgt Ion:225 Resp: 15843

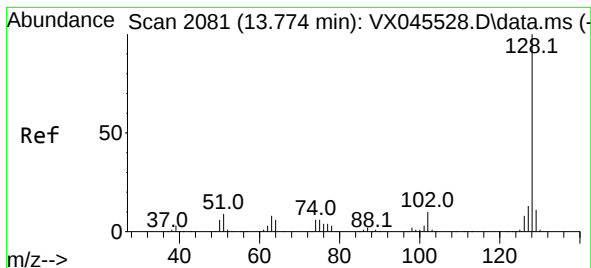
Ion Ratio Lower Upper

225 100

223 65.8 31.1 93.3

227 61.3 32.2 96.6





#95

Naphthalene

Concen: 40.810 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225MSD

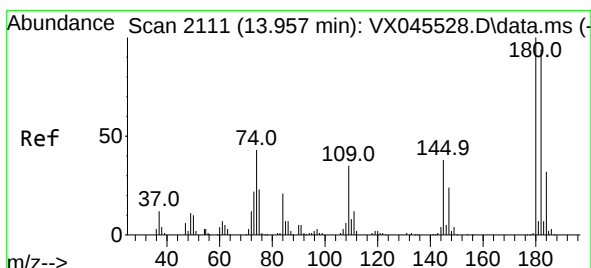
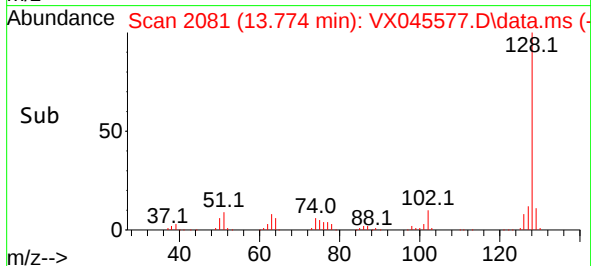
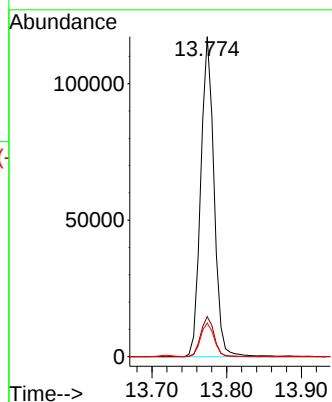
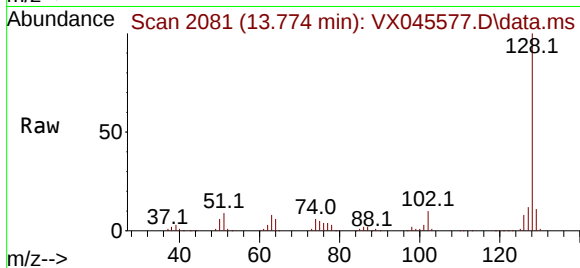
Tgt Ion:128 Resp: 144479

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 40.543 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045577.D

Acq: 03 Apr 2025 17:33

Tgt Ion:180 Resp: 40388

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.8

145 36.0 18.2 54.6

