

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032260.D
 Acq On : 25 Sep 2025 11:52
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 06:48:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	243729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	461392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	434624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	226451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	84184	21.875	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	43.740%#
35) Dibromofluoromethane	7.898	113	69983	21.091	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	42.180%#
50) Toluene-d8	10.331	98	253179	21.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	42.340%#
62) 4-Bromofluorobenzene	12.617	95	94235	20.891	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	41.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	38695	22.979	ug/l	96
3) Chloromethane	2.259	50	53411	22.164	ug/l	94
4) Vinyl Chloride	2.405	62	63783	22.653	ug/l	100
5) Bromomethane	2.820	94	42423	22.064	ug/l	87
6) Chloroethane	2.966	64	42305	22.173	ug/l	98
7) Trichlorofluoromethane	3.302	101	50606	23.853	ug/l	93
8) Diethyl Ether	3.722	74	42486	21.179	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	60885	22.484	ug/l	99
10) Methyl Iodide	4.308	142	81878	22.355	ug/l	100
11) Tert butyl alcohol	5.222	59	27601	103.322	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	65285	22.553	ug/l	100
13) Acrolein	3.930	56	51881	109.117	ug/l	94
14) Allyl chloride	4.710	41	98036	21.823	ug/l	100
15) Acrylonitrile	5.405	53	113227	109.593	ug/l	98
16) Acetone	4.161	43	118108	119.503	ug/l	95
17) Carbon Disulfide	4.423	76	150468	22.608	ug/l	99
18) Methyl Acetate	4.710	43	62340	18.340	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	117064	21.817	ug/l	100
20) Methylene Chloride	4.960	84	82214	18.228	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	68490	21.942	ug/l	100
22) Diisopropyl ether	6.344	45	224788	22.518	ug/l	99
23) Vinyl Acetate	6.289	43	731805	113.954	ug/l	98
24) 1,1-Dichloroethane	6.240	63	138225	21.935	ug/l	100
25) 2-Butanone	7.197	43	149616	108.608	ug/l	99
26) 2,2-Dichloropropane	7.185	77	65482	21.087	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	82208	21.175	ug/l	98
28) Bromochloromethane	7.533	49	63972	21.275	ug/l #	99
29) Tetrahydrofuran	7.557	42	97668	109.208	ug/l	100
30) Chloroform	7.691	83	145120	22.072	ug/l	99
31) Cyclohexane	7.971	56	111011	22.340	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	96016	21.677	ug/l	98
36) 1,1-Dichloropropene	8.093	75	96645	21.603	ug/l	99
37) Ethyl Acetate	7.276	43	65684	22.138	ug/l	100
38) Carbon Tetrachloride	8.081	117	93252	22.156	ug/l	98
39) Methylcyclohexane	9.343	83	110069	21.264	ug/l	97
40) Benzene	8.337	78	302446	21.478	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	36840	21.680	ug/l	96
42) 1,2-Dichloroethane	8.410	62	99043	21.160	ug/l	99
43) Isopropyl Acetate	8.441	43	111547	21.003	ug/l	99
44) Trichloroethene	9.105	130	70450	21.404	ug/l	85
45) 1,2-Dichloropropane	9.374	63	78048	21.400	ug/l	97
46) Dibromomethane	9.465	93	47056	20.986	ug/l	98
47) Bromodichloromethane	9.654	83	106511	20.826	ug/l #	97
48) Methyl methacrylate	9.447	41	51409	20.575	ug/l	96
49) 1,4-Dioxane	9.471	88	13201	439.575	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	341323	108.392	ug/l	99
52) Toluene	10.392	92	186350	21.351	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	96092	20.507	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	114070	21.086	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	66195	21.627	ug/l	98
56) Ethyl methacrylate	10.648	69	85321	21.163	ug/l	97
57) 1,3-Dichloropropane	10.934	76	113957	21.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	217872	98.444	ug/l	99
59) 2-Hexanone	10.971	43	234851	109.212	ug/l	97
60) Dibromochloromethane	11.129	129	68381	20.343	ug/l	98
61) 1,2-Dibromoethane	11.239	107	62256	21.470	ug/l	98
64) Tetrachloroethene	10.861	164	56103	21.182	ug/l	94
65) Chlorobenzene	11.660	112	214538	21.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	65613	20.723	ug/l	98
67) Ethyl Benzene	11.733	91	346566	21.149	ug/l	98
68) m/p-Xylenes	11.837	106	275886	43.920	ug/l	94
69) o-Xylene	12.166	106	123539	20.927	ug/l	96
70) Styrene	12.178	104	228628	22.084	ug/l	98
71) Bromoform	12.349	173	38000	20.596	ug/l #	96
73) Isopropylbenzene	12.465	105	326048	20.686	ug/l	97
74) N-amyl acetate	12.270	43	104936	21.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	85459	20.680	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	101890	28.609	ug/l #	1
77) Bromobenzene	12.745	156	78661	20.291	ug/l	92
78) n-propylbenzene	12.800	91	404504	20.432	ug/l	100
79) 2-Chlorotoluene	12.891	91	245976	20.510	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	277878	20.621	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	23150	19.301	ug/l	90
82) 4-Chlorotoluene	12.989	91	259722	20.491	ug/l	99
83) tert-Butylbenzene	13.202	119	231761	20.565	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	285414	20.861	ug/l	100
85) sec-Butylbenzene	13.379	105	348797	20.611	ug/l	99
86) p-Isopropyltoluene	13.495	119	284908	20.328	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	150306	19.601	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	163717	20.899	ug/l	97
89) n-Butylbenzene	13.818	91	283445	20.152	ug/l	99
90) Hexachloroethane	14.092	117	53076	20.318	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	150614	20.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14130	19.991	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	85426	20.074	ug/l	99
94) Hexachlorobutadiene	15.232	225	42929	21.964	ug/l	86
95) Naphthalene	15.360	128	203984	19.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	78000	19.712	ug/l	93

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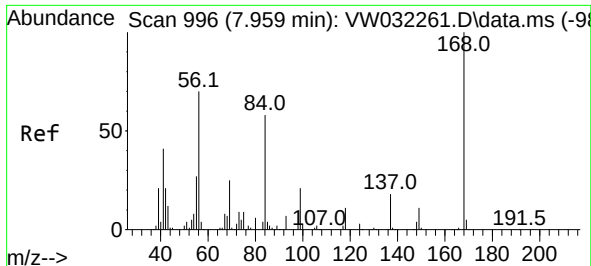
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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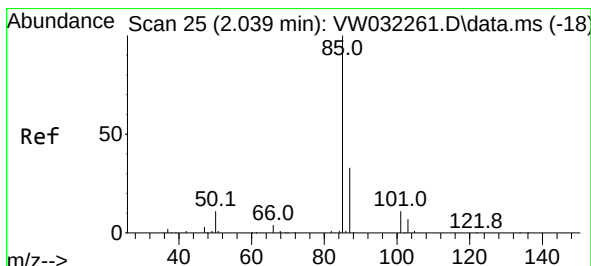
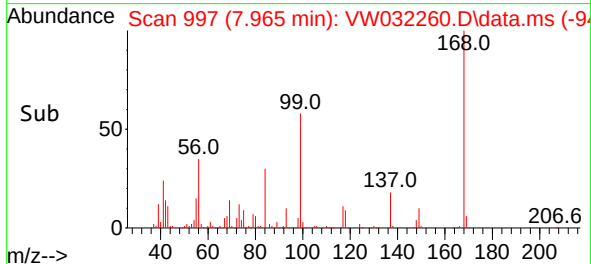
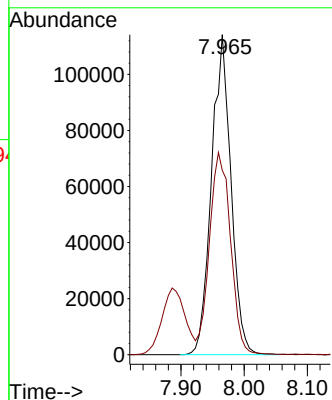
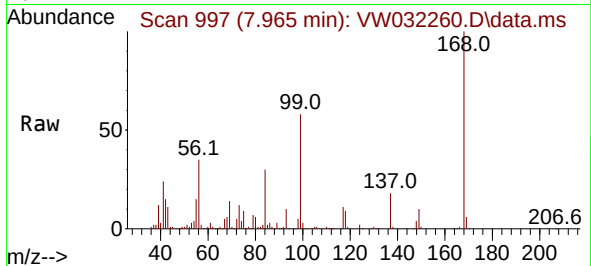




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032260.D
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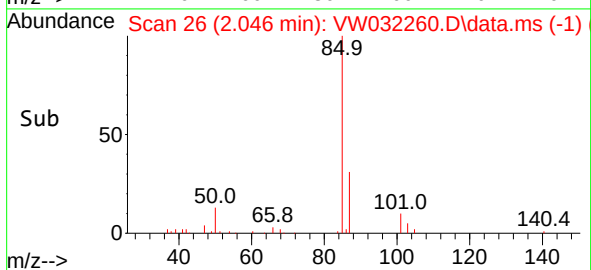
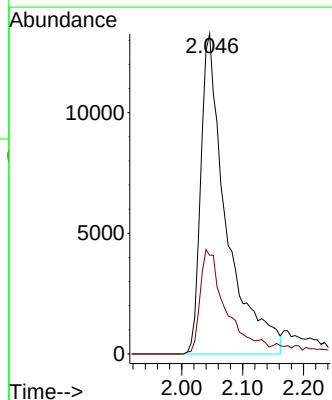
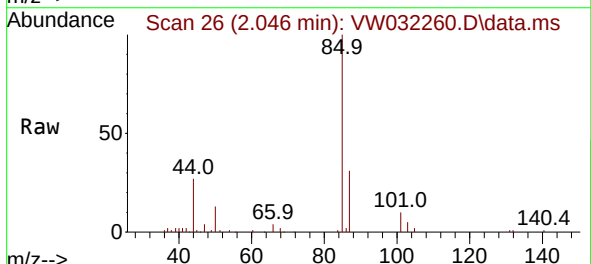
Instrument :
MSVOA_W
ClientSampleId :

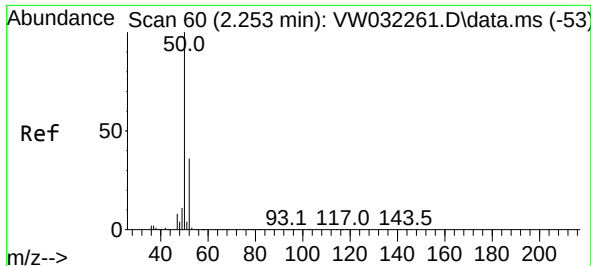
Tgt Ion:168 Resp: 243729
Ion Ratio Lower Upper
168 100
99 57.5 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 22.979 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 85 Resp: 38695
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1

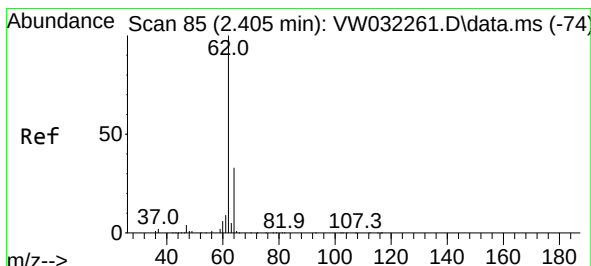
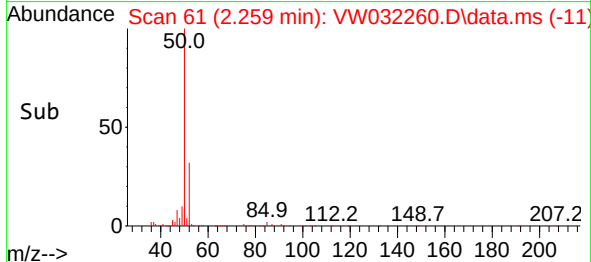
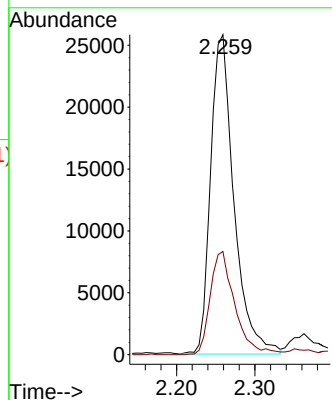
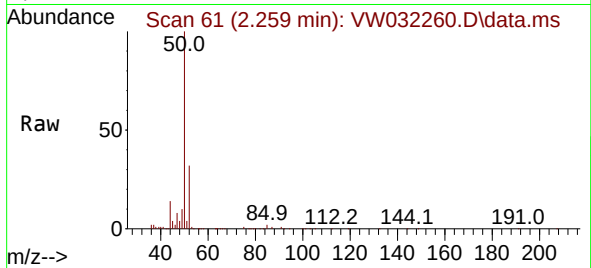




#3
Chloromethane
Concen: 22.164 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

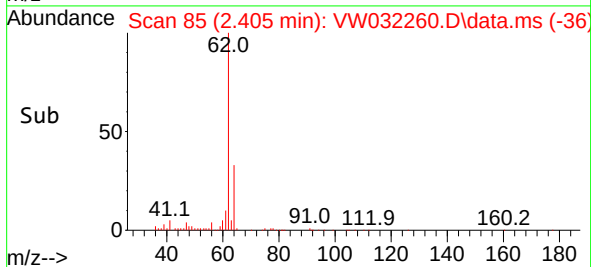
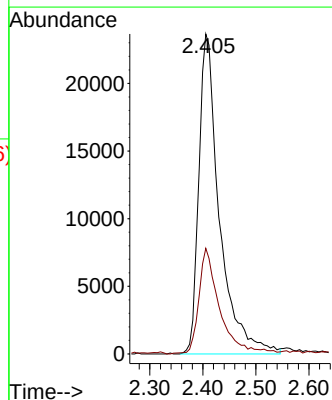
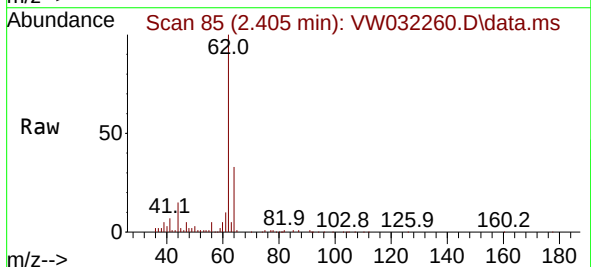
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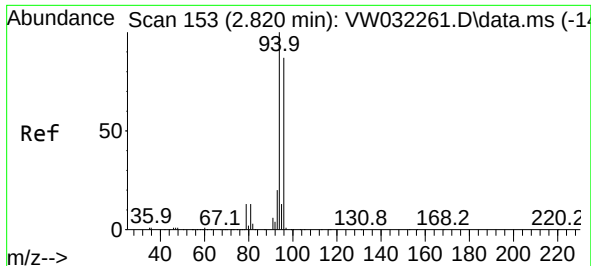
Tgt Ion: 50 Resp: 53411
Ion Ratio Lower Upper
50 100
52 32.3 28.9 43.3



#4
Vinyl Chloride
Concen: 22.653 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 62 Resp: 63783
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4

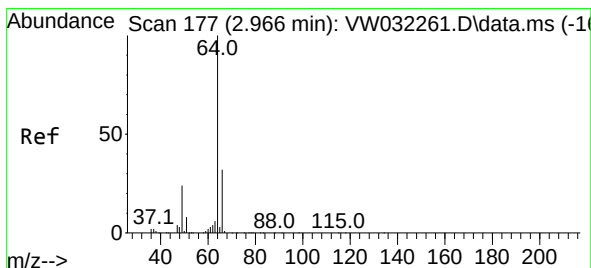
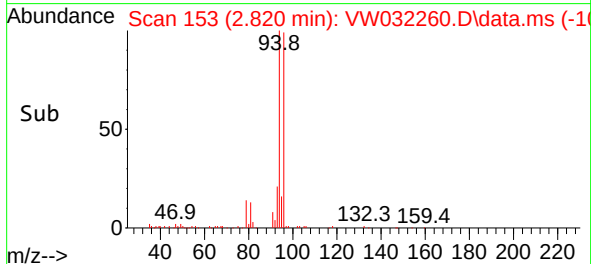
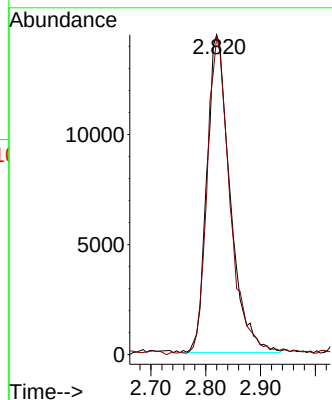
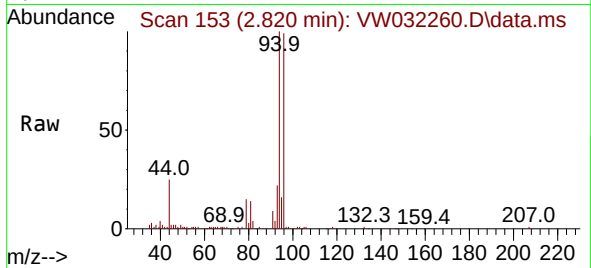




#5
Bromomethane
Concen: 22.064 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

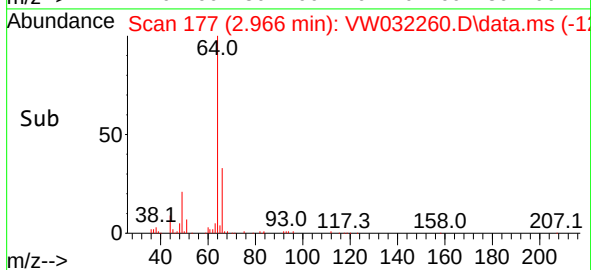
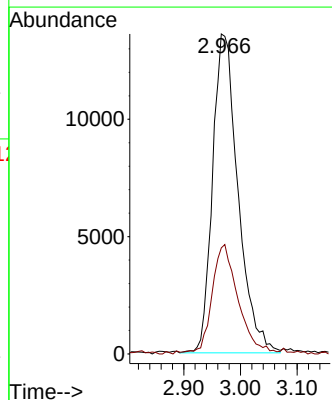
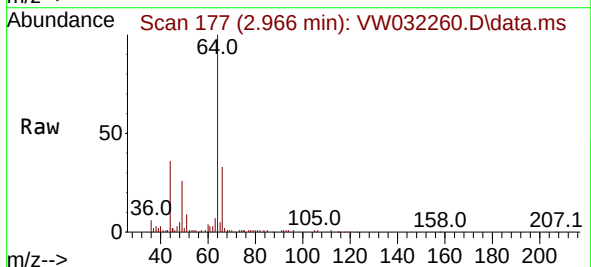
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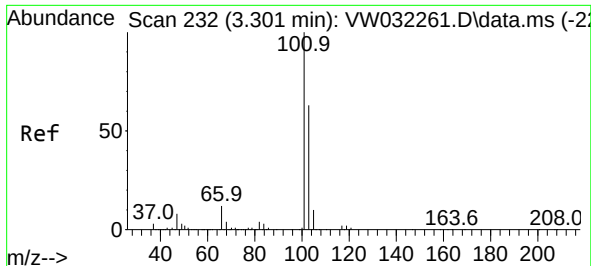
Tgt Ion: 94 Resp: 42423
Ion Ratio Lower Upper
94 100
96 99.3 70.0 105.0



#6
Chloroethane
Concen: 22.173 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032260.D
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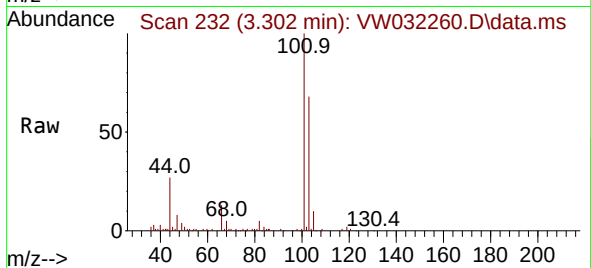
Tgt Ion: 64 Resp: 42305
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3



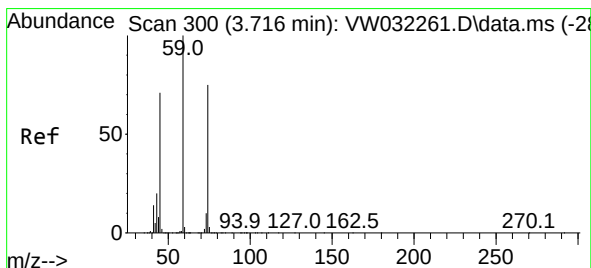
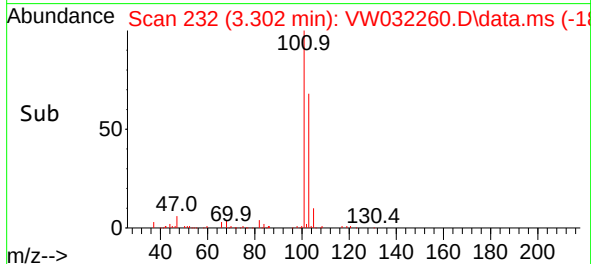
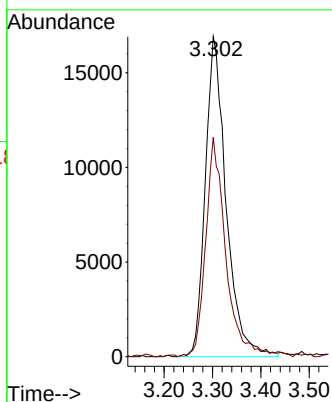


#7
 Trichlorofluoromethane
 Concen: 23.853 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032260.D
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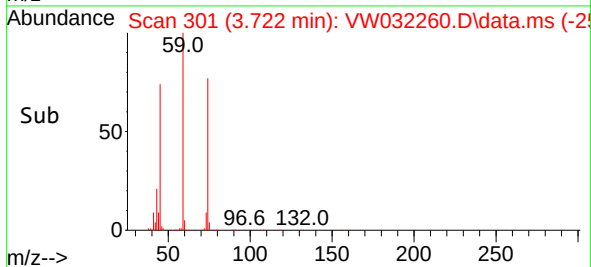
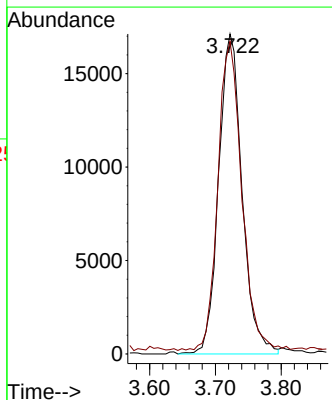
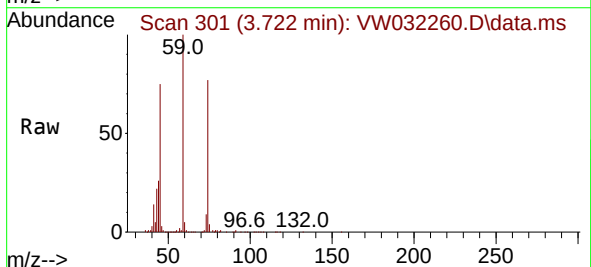


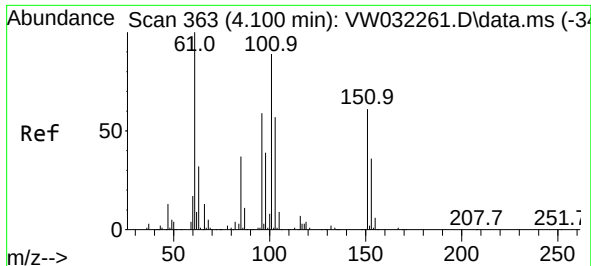
Tgt Ion:101 Resp: 50606
 Ion Ratio Lower Upper
 101 100
 103 68.5 50.3 75.5



#8
 Diethyl Ether
 Concen: 21.179 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032260.D
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Tgt Ion: 74 Resp: 42486
 Ion Ratio Lower Upper
 74 100
 45 98.3 49.0 147.2

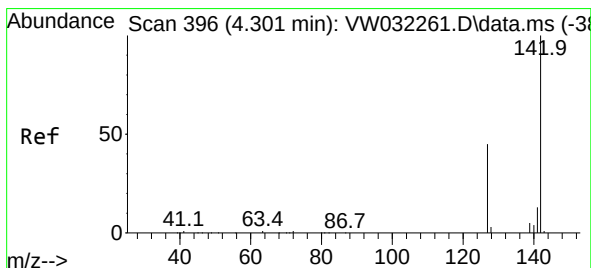
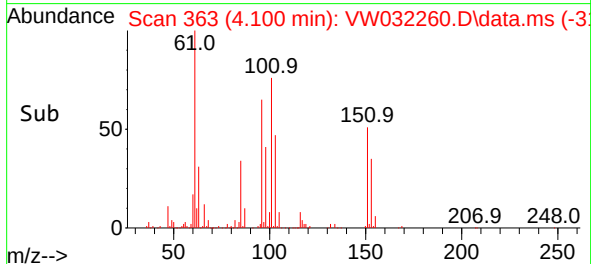
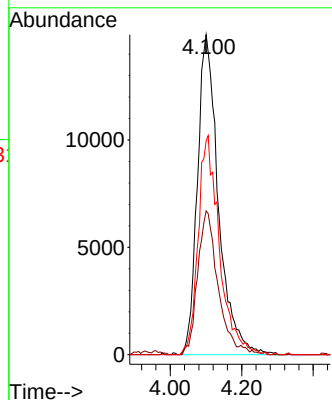
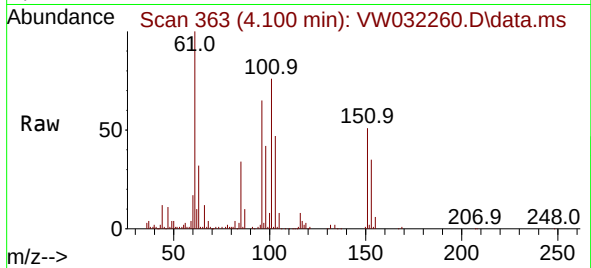




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.484 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.000 min
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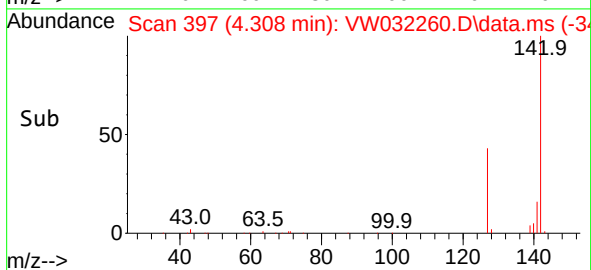
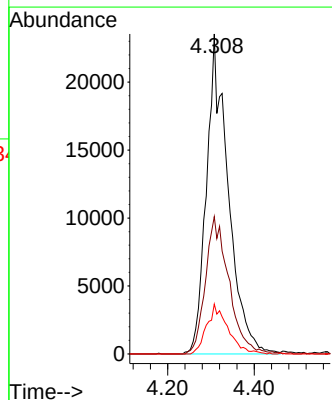
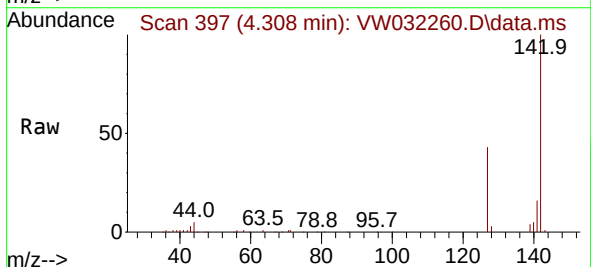
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MSVOA_W
ClientSampleId :

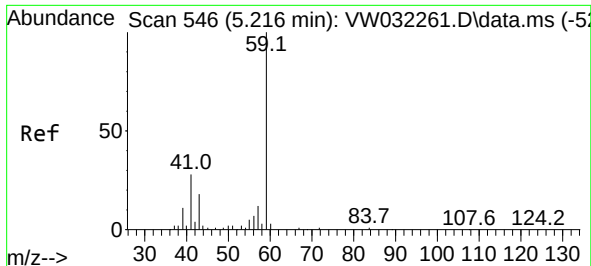
Tgt Ion:101 Resp: 60885
Ion Ratio Lower Upper
101 100
85 42.6 33.7 50.5
151 69.1 55.7 83.5



#10
Methyl Iodide
Concen: 22.355 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:142 Resp: 81878
Ion Ratio Lower Upper
142 100
127 46.3 36.9 55.3
141 15.3 12.0 18.0

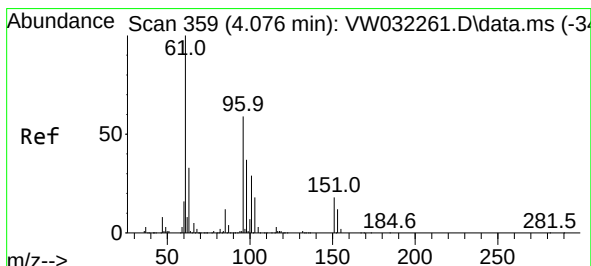
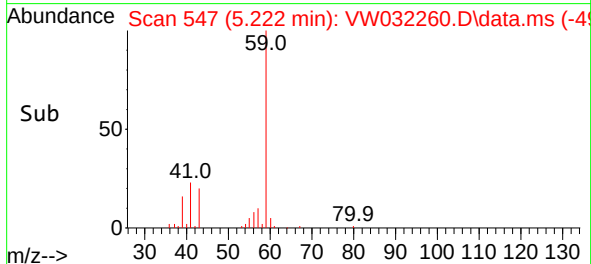
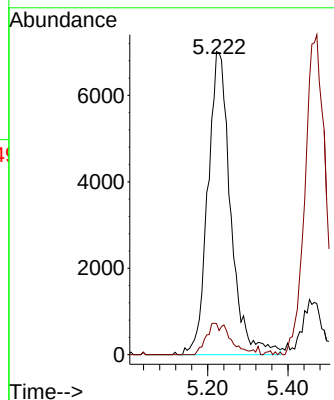
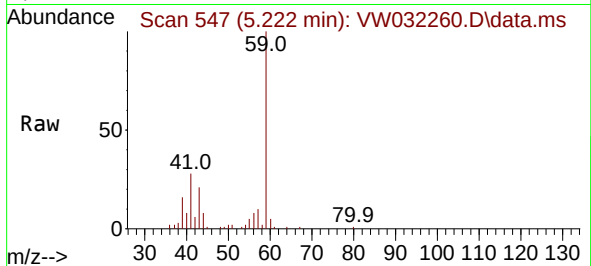




#11
Tert butyl alcohol
Concen: 103.322 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

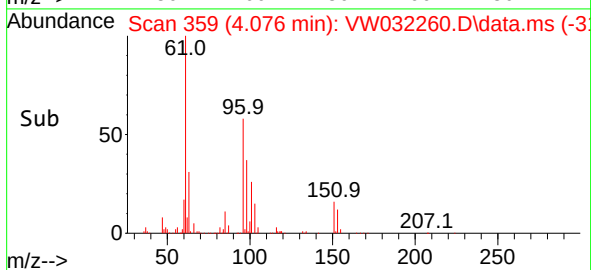
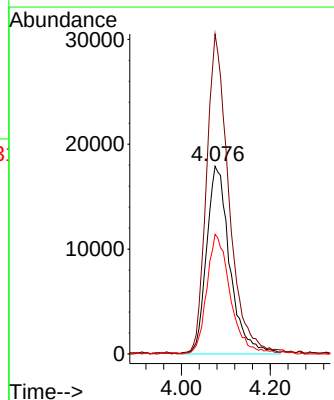
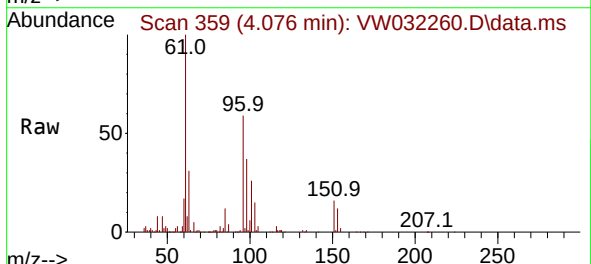
Instrument :
MSVOA_W
ClientSampleId :

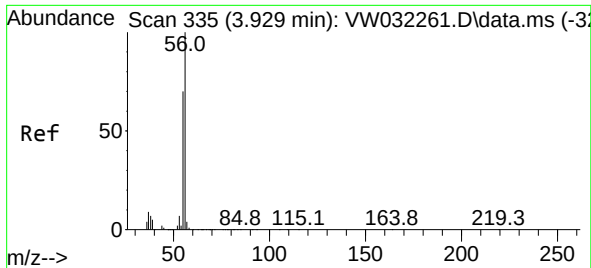
Tgt Ion: 59 Resp: 27601
Ion Ratio Lower Upper
59 100
57 5.9 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 22.553 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 96 Resp: 65285
Ion Ratio Lower Upper
96 100
61 169.8 136.3 204.5
98 63.4 50.7 76.1

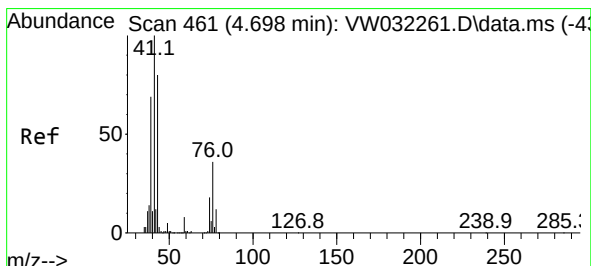
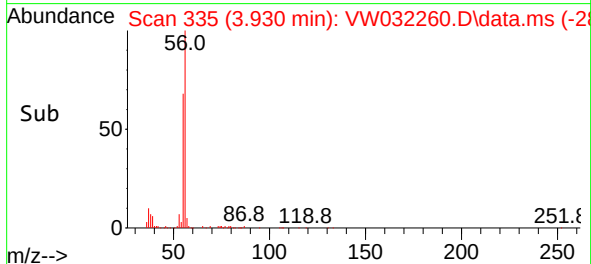
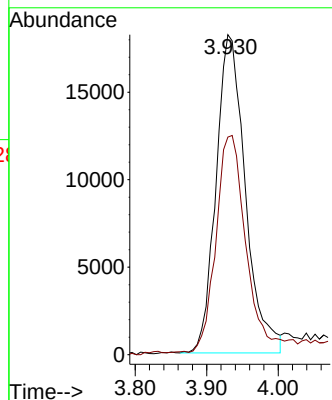
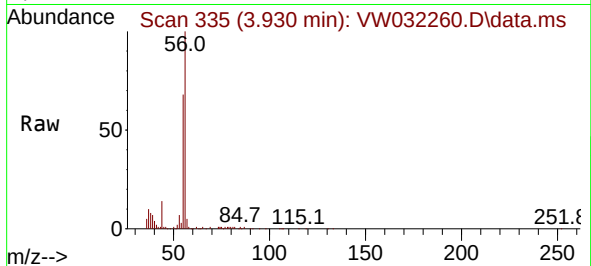




#13
Acrolein
Concen: 109.117 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

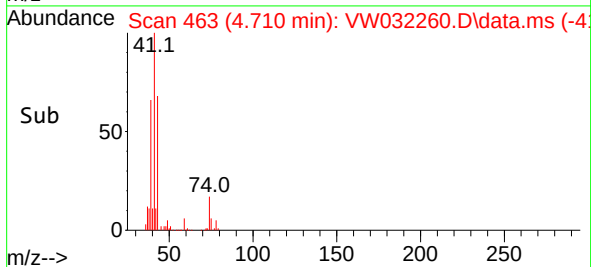
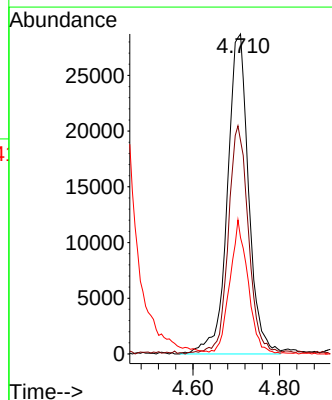
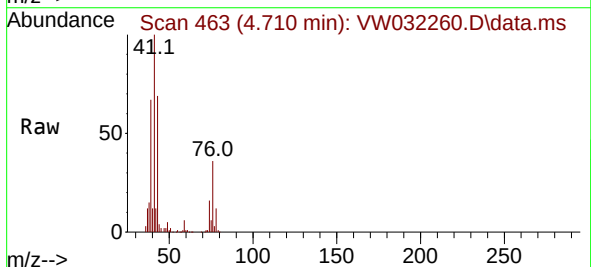
Instrument :
MSVOA_W
ClientSampleId :

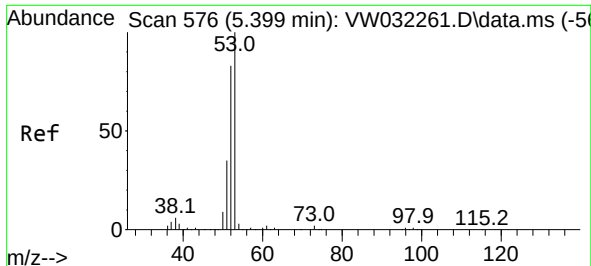
Tgt Ion: 56 Resp: 51881
Ion Ratio Lower Upper
56 100
55 71.0 53.2 79.8



#14
Allyl chloride
Concen: 21.823 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 41 Resp: 98036
Ion Ratio Lower Upper
41 100
39 68.1 54.3 81.5
76 36.4 28.7 43.1



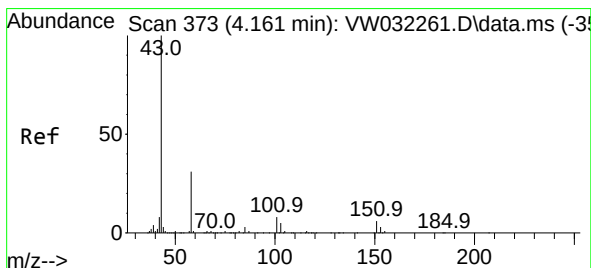
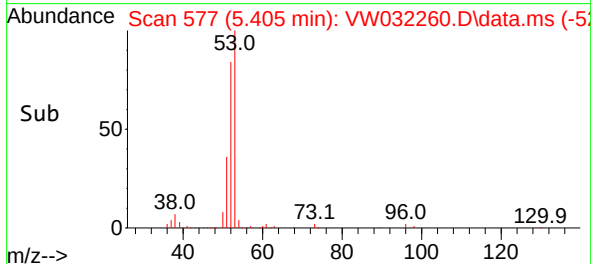
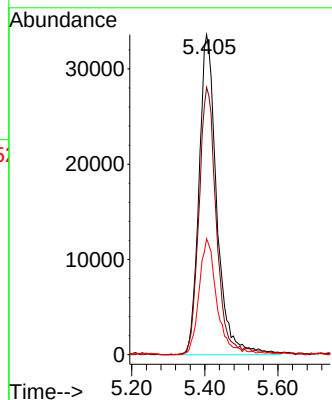
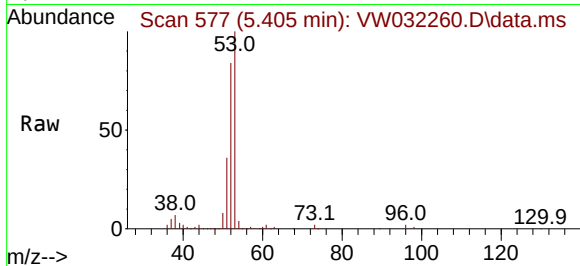


#15
Acrylonitrile
Concen: 109.593 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 53 Resp: 113227

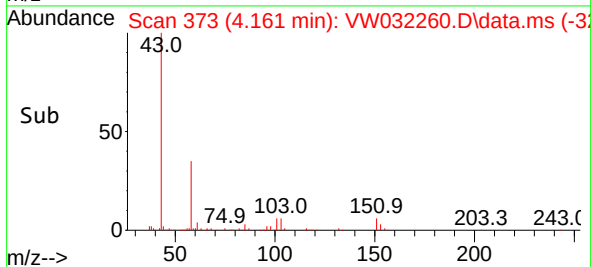
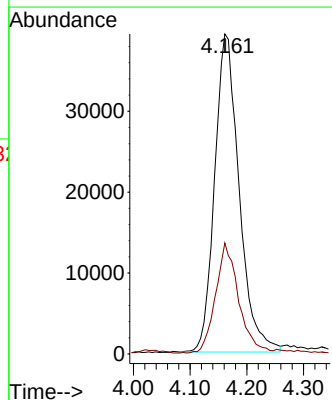
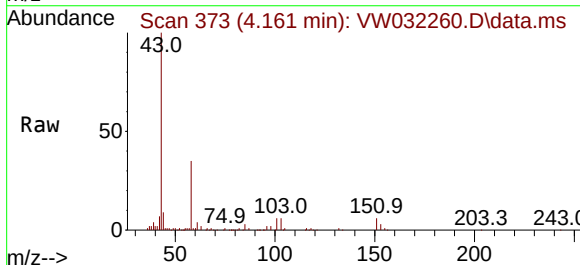
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.3	99.5
51	36.7	29.6	44.4

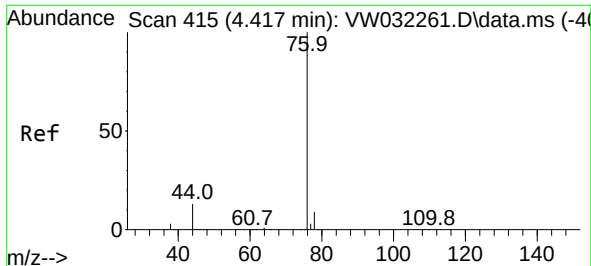


#16
Acetone
Concen: 119.503 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 118108

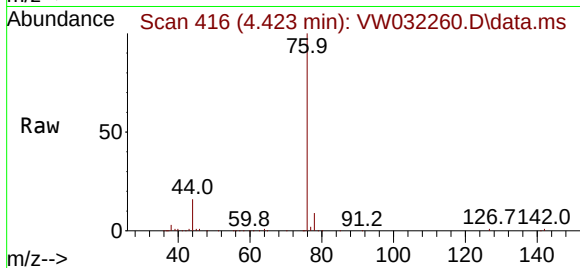
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0



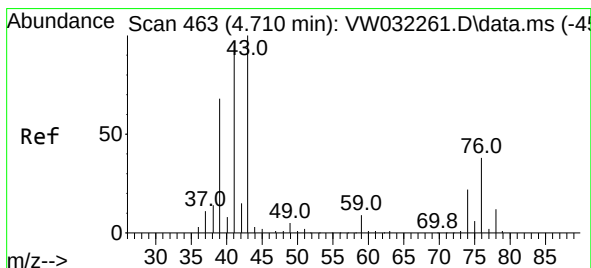
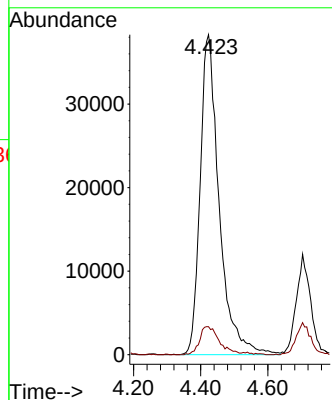
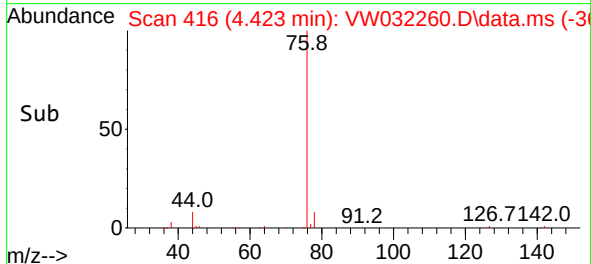


#17
Carbon Disulfide
Concen: 22.608 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Instrument :
MSVOA_W
ClientSampleId :

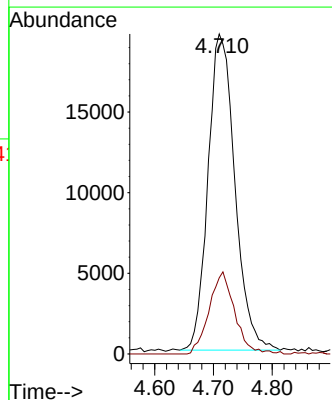
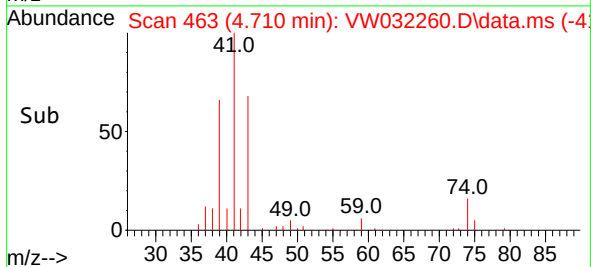
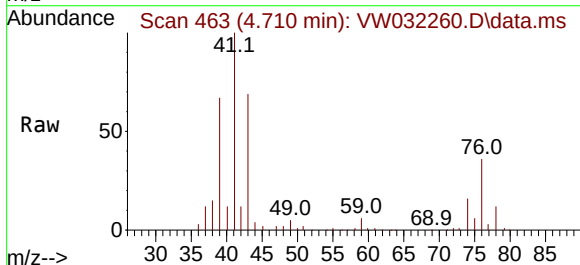


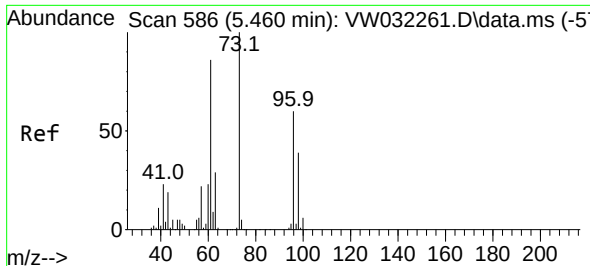
Tgt Ion: 76 Resp: 150468
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 18.340 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 62340
Ion Ratio Lower Upper
43 100
74 24.7 18.8 28.2

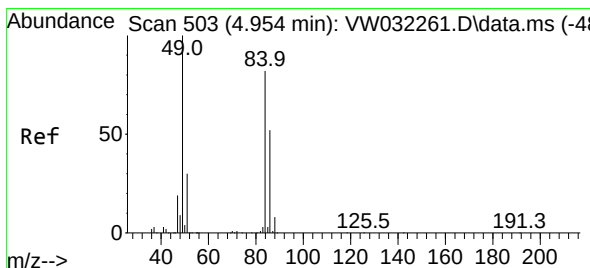
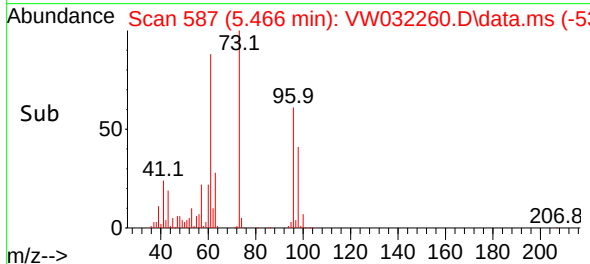
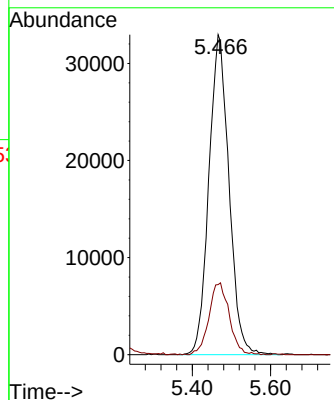
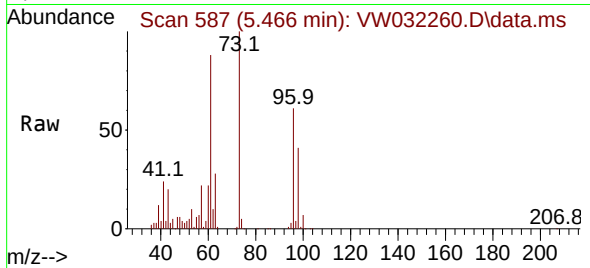




#19
Methyl tert-butyl Ether
Concen: 21.817 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

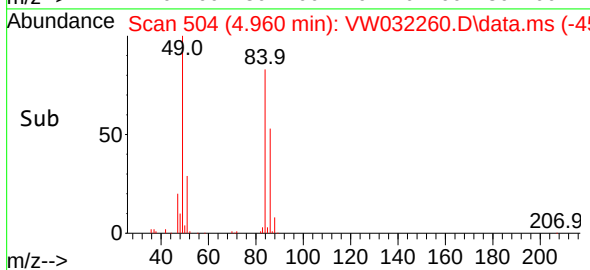
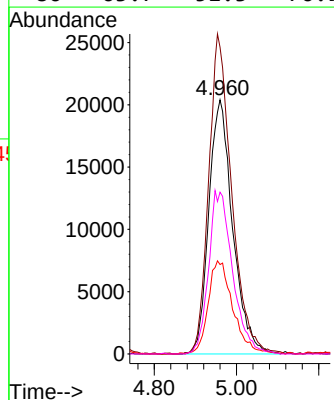
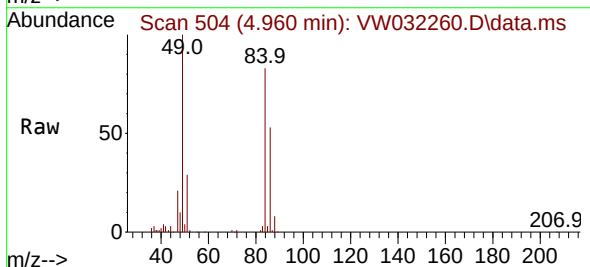
Instrument :
MSVOA_W
ClientSampleId :

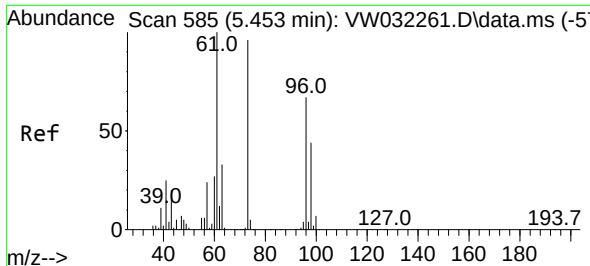
Tgt Ion: 73 Resp: 117064
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 18.228 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

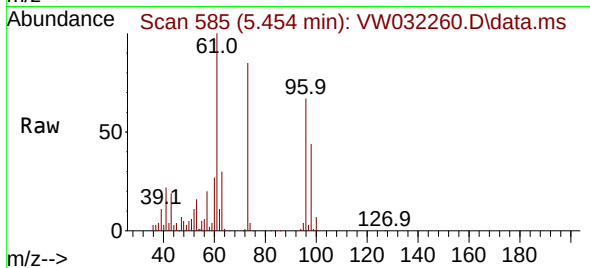
Tgt Ion: 84 Resp: 82214
Ion Ratio Lower Upper
84 100
49 120.7 97.8 146.6
51 34.9 29.9 44.9
86 63.7 51.3 76.9



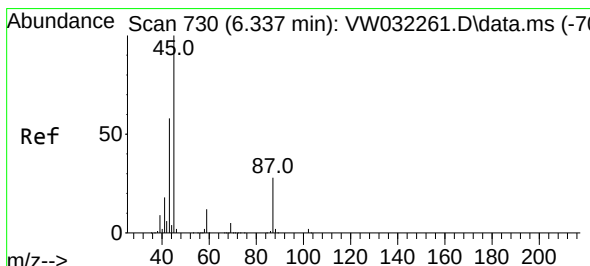
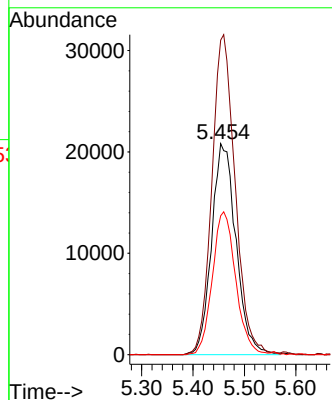
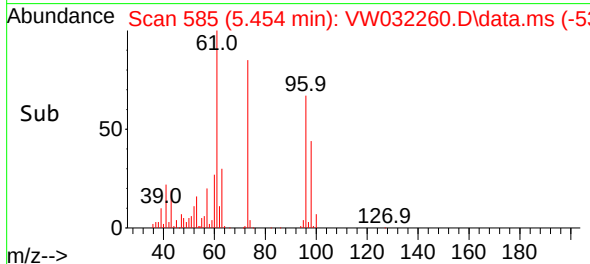


#21
trans-1,2-Dichloroethene
Concen: 21.942 ug/l
RT: 5.454 min Scan# 585
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Instrument :
MSVOA_W
ClientSampleId :

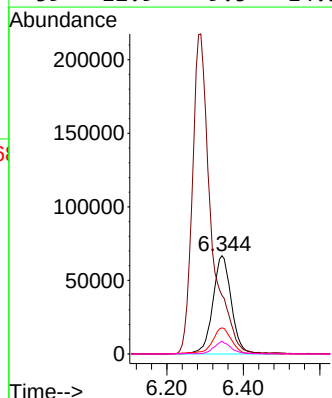
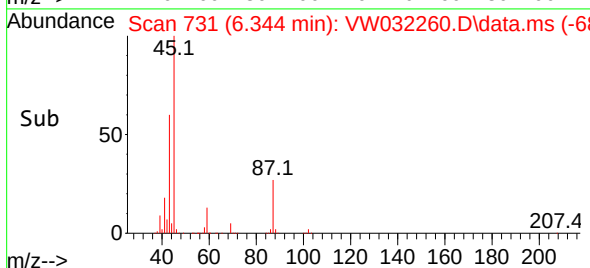
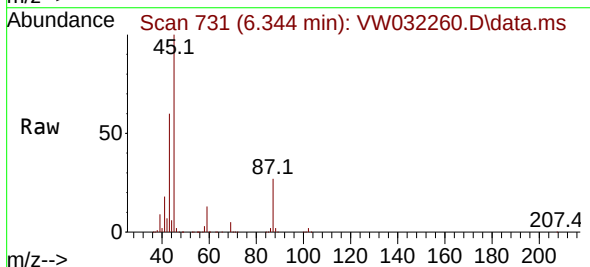


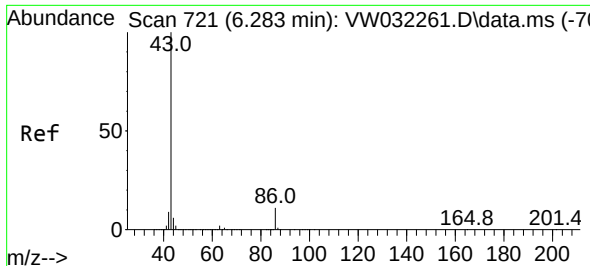
Tgt Ion: 96 Resp: 68490
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 65.8 52.5 78.7



#22
Diisopropyl ether
Concen: 22.518 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

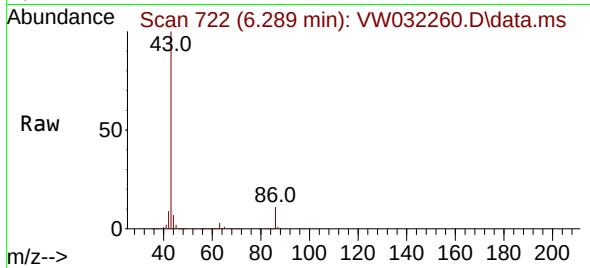
Tgt Ion: 45 Resp: 224788
Ion Ratio Lower Upper
45 100
43 58.5 46.2 69.4
87 26.6 22.2 33.2
59 12.9 9.5 14.3



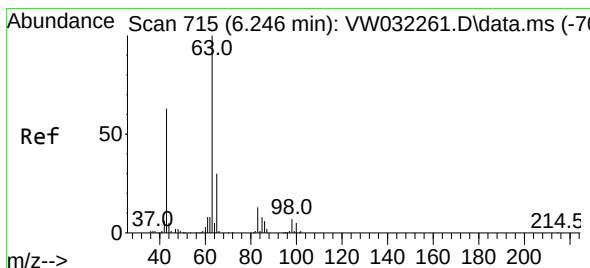
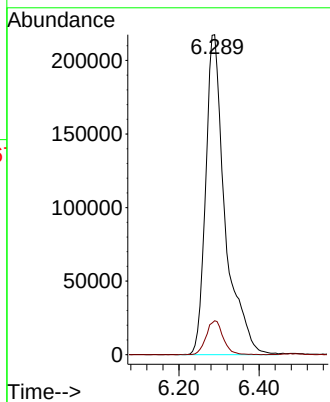
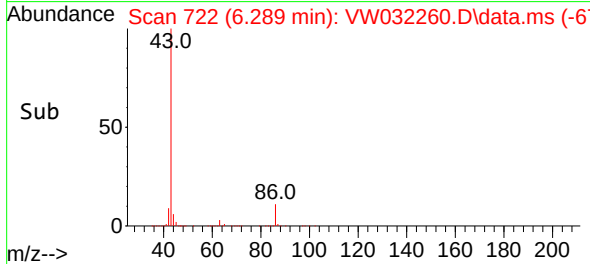


#23
 Vinyl Acetate
 Concen: 113.954 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

Instrument :
 MSVOA_W
 ClientSampleId :

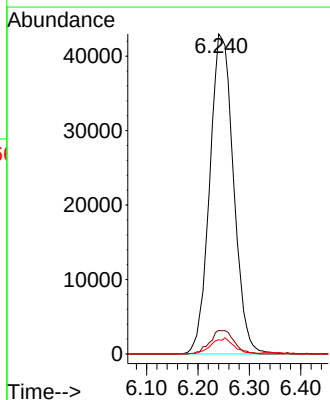
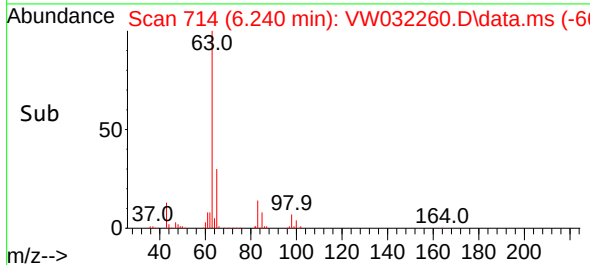
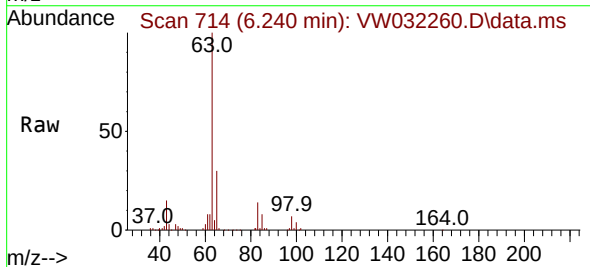


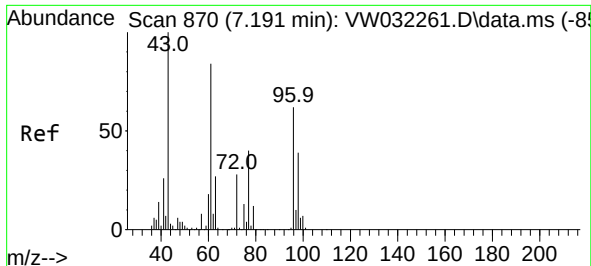
Tgt Ion: 43 Resp: 731805
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 21.935 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

Tgt Ion: 63 Resp: 138225
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.4 2.4 7.1

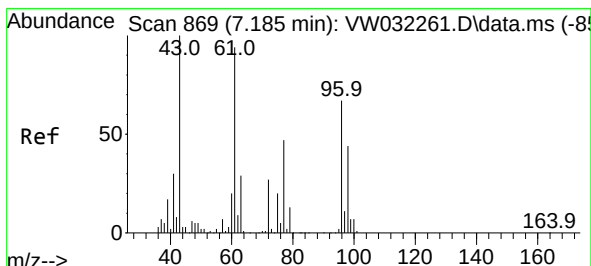
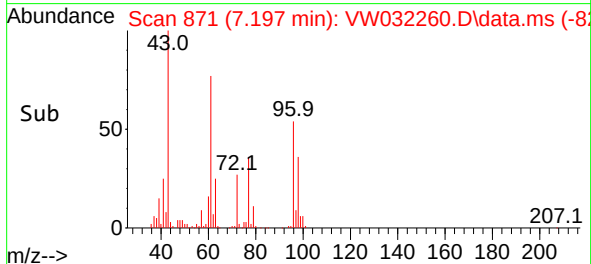
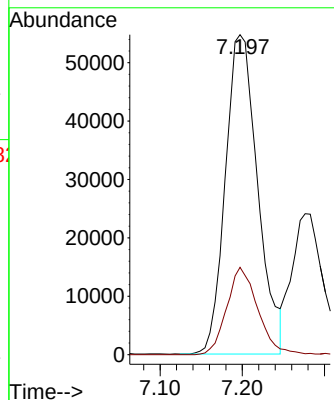
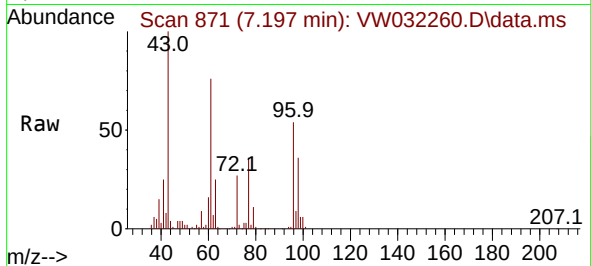




#25
2-Butanone
Concen: 108.608 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

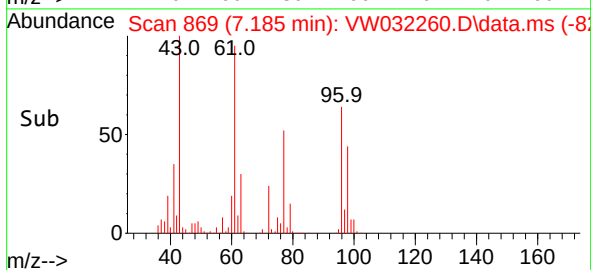
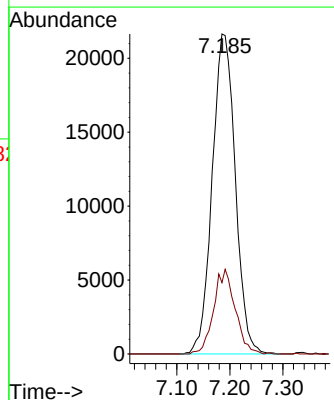
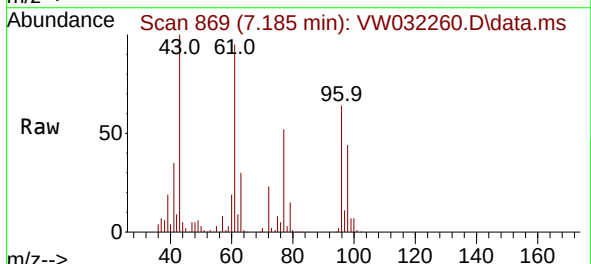
Instrument :
MSVOA_W
ClientSampleId :

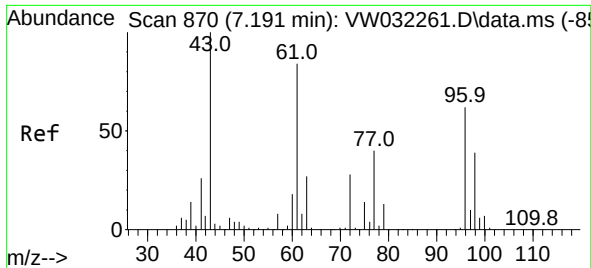
Tgt Ion: 43 Resp: 149616
Ion Ratio Lower Upper
43 100
72 27.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 21.087 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 77 Resp: 65482
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.0

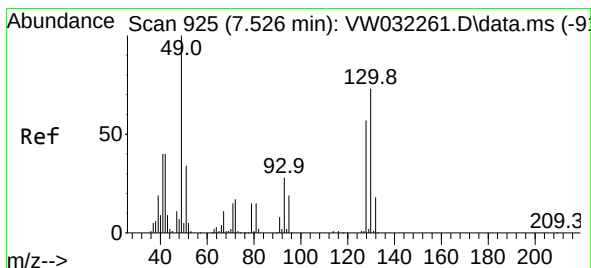
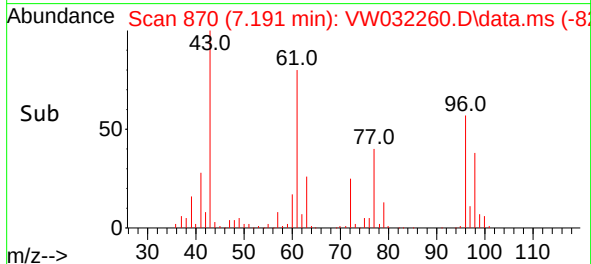
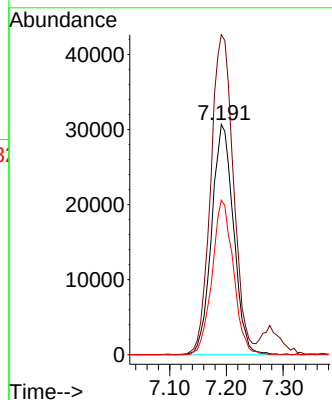
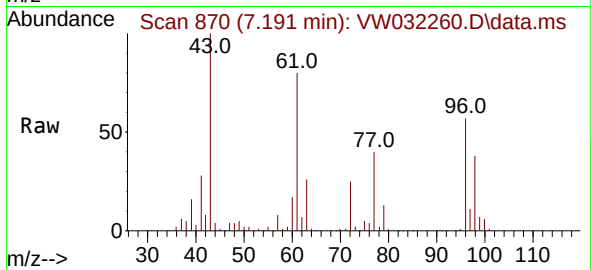




#27
 cis-1,2-Dichloroethene
 Concen: 21.175 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

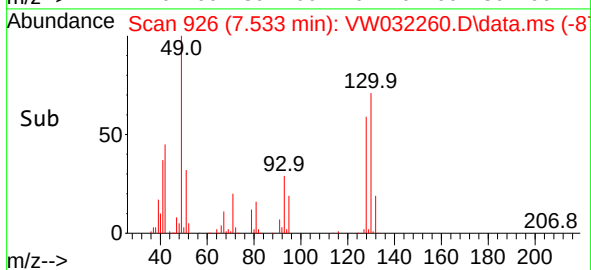
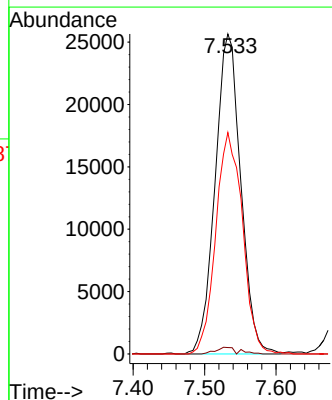
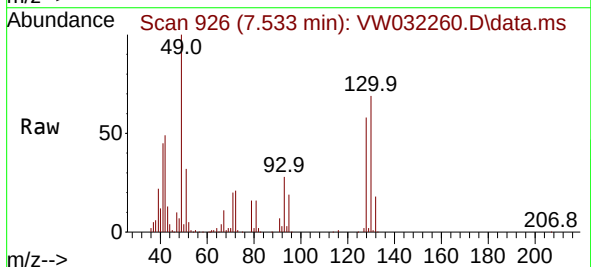
Instrument :
 MSVOA_W
 ClientSampleId :

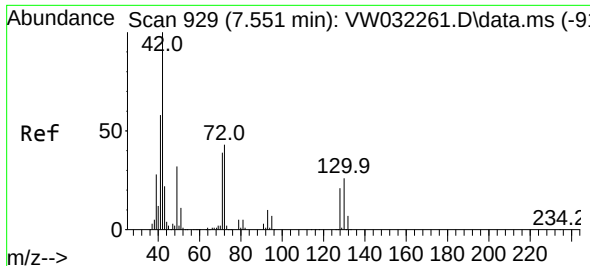
Tgt Ion: 96 Resp: 82208
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 281.8
 98 65.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 21.275 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

Tgt Ion: 49 Resp: 63972
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.2
 130 72.0 0.0 0.0#





#29

Tetrahydrofuran

Concen: 109.208 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

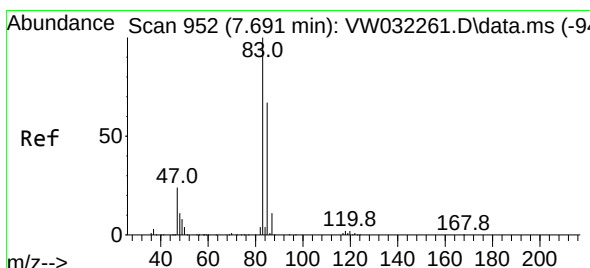
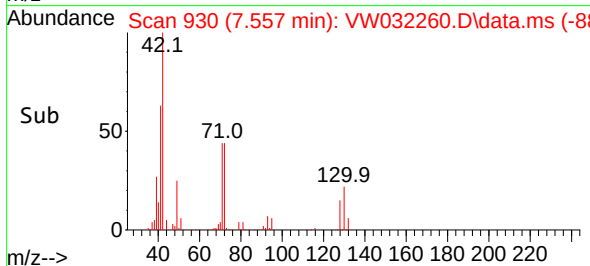
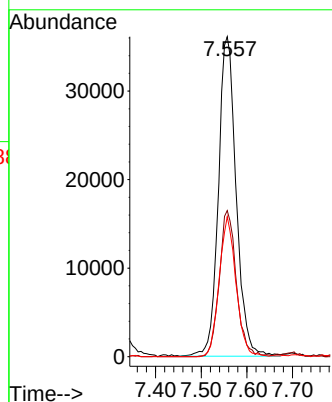
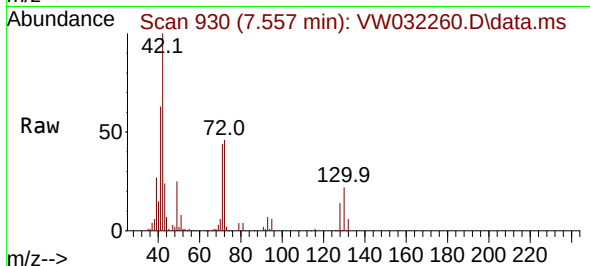
Tgt Ion: 42 Resp: 97668

Ion Ratio Lower Upper

42 100

72 44.1 35.1 52.7

71 41.4 33.3 49.9



#30

Chloroform

Concen: 22.072 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032260.D

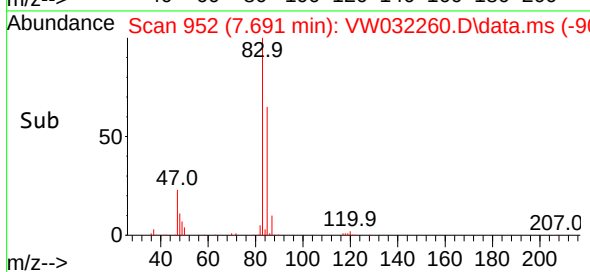
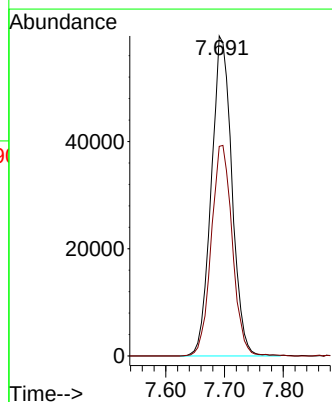
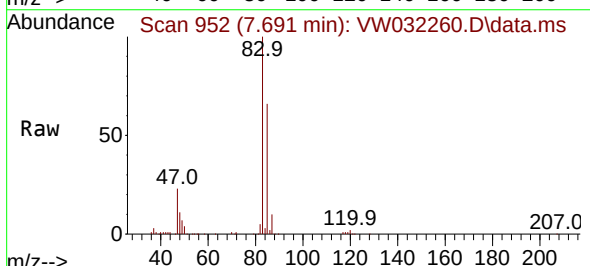
Acq: 25 Sep 2025 11:52

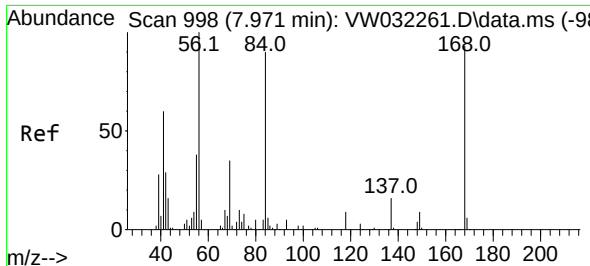
Tgt Ion: 83 Resp: 145120

Ion Ratio Lower Upper

83 100

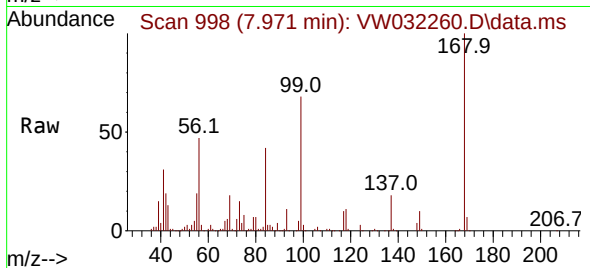
85 65.5 53.3 79.9



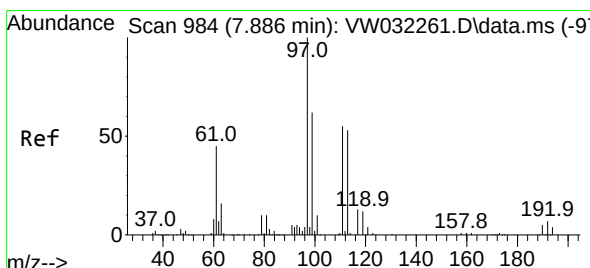
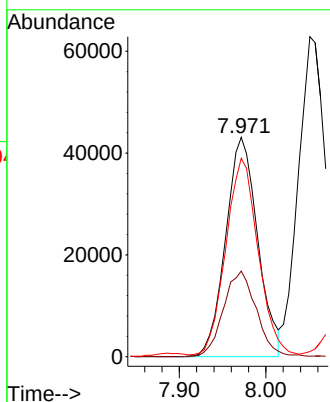
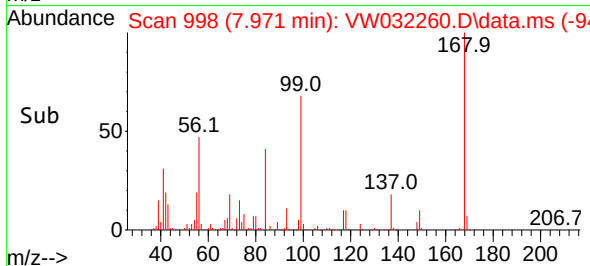


#31
Cyclohexane
Concen: 22.340 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Instrument :
MSVOA_W
ClientSampleId :

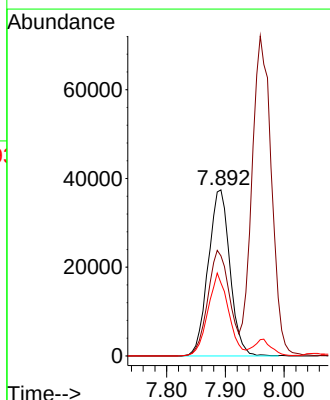
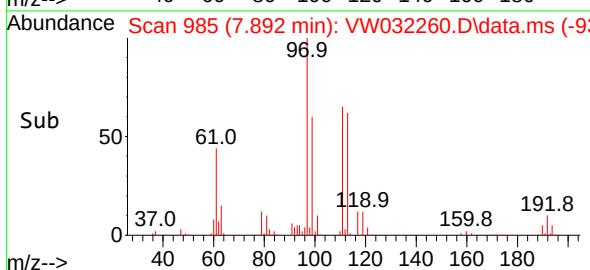
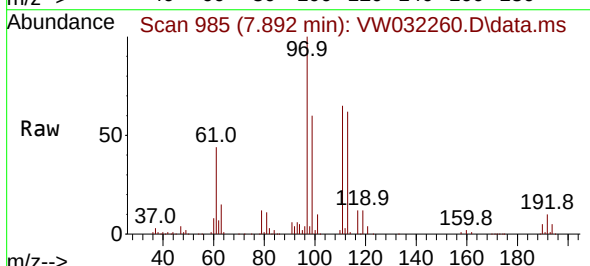


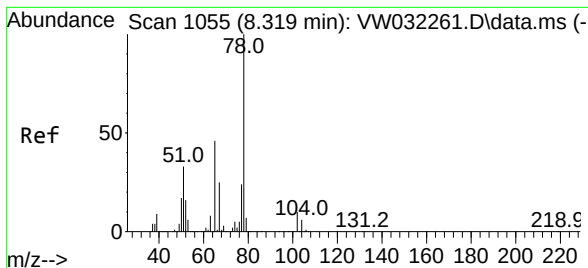
Tgt Ion: 56 Resp: 111011
Ion Ratio Lower Upper
56 100
69 39.0 28.2 42.2
84 89.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.677 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 97 Resp: 96016
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 47.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 21.875 ug/l

RT: 8.325 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

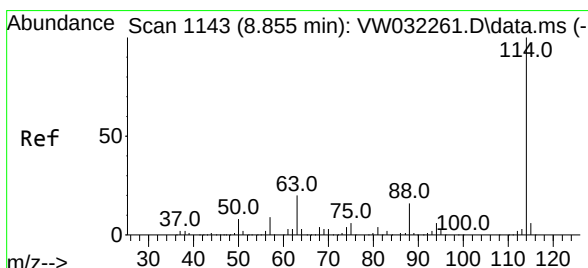
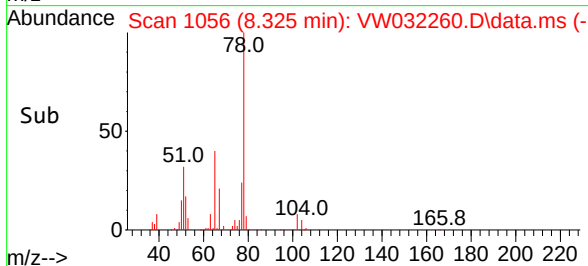
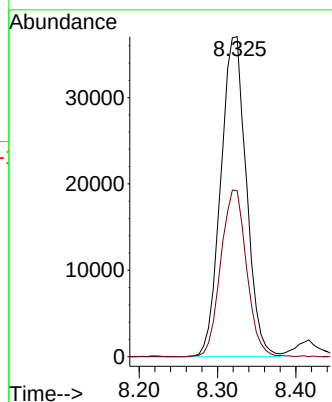
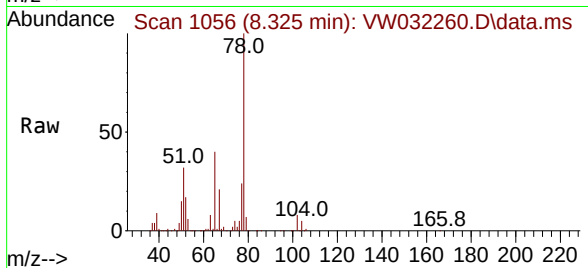
ClientSampleId :

Tgt Ion: 65 Resp: 84184

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

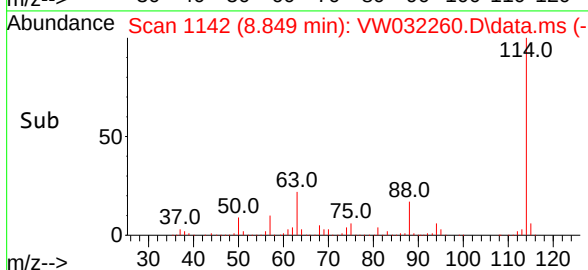
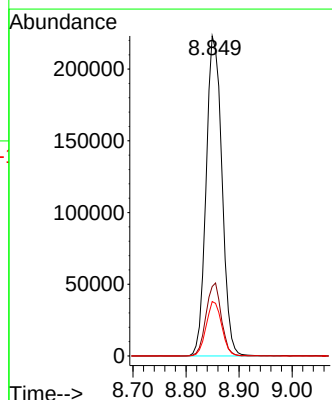
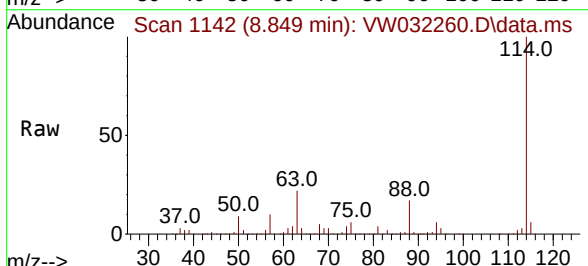
Tgt Ion: 114 Resp: 461392

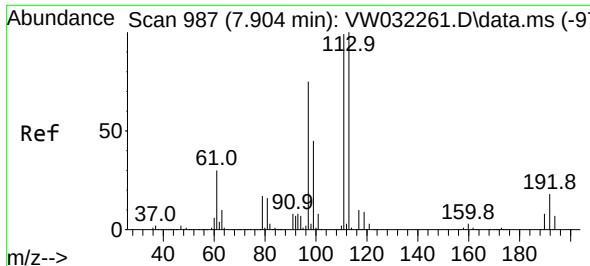
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.2

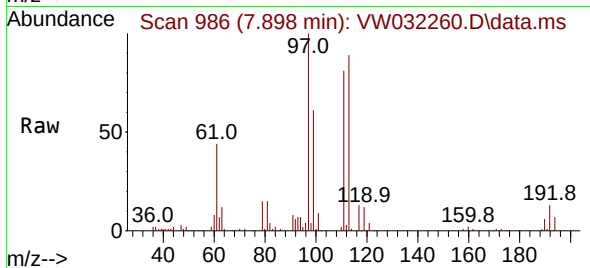
88 17.0 0.0 32.0



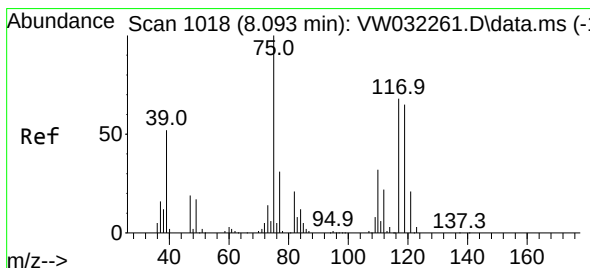
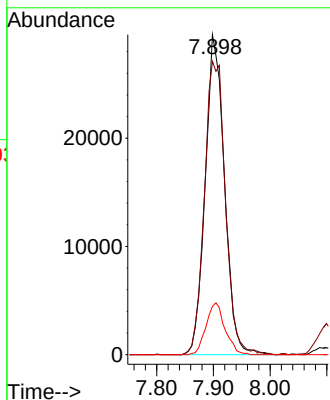
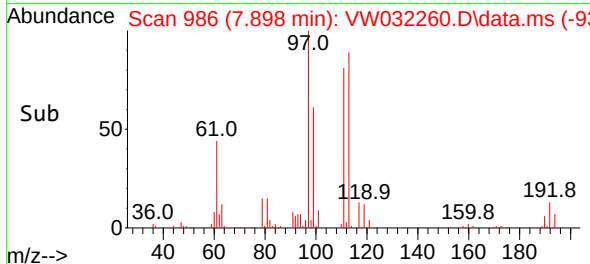


#35
Dibromofluoromethane
Concen: 21.091 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

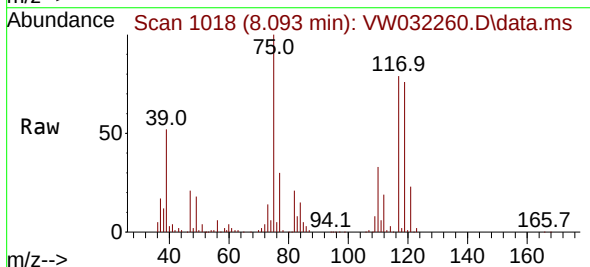
Instrument :
MSVOA_W
ClientSampleId :



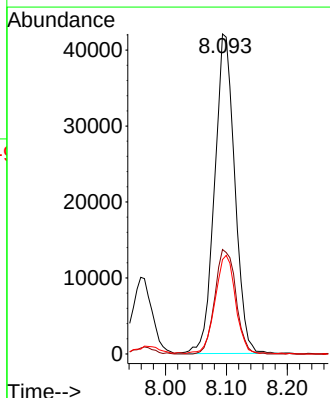
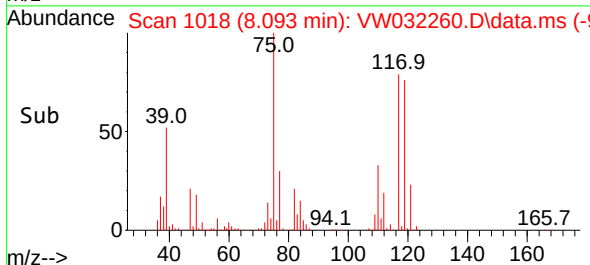
Tgt Ion:113 Resp: 69983
Ion Ratio Lower Upper
113 100
111 99.6 81.8 122.8
192 15.9 13.0 19.4

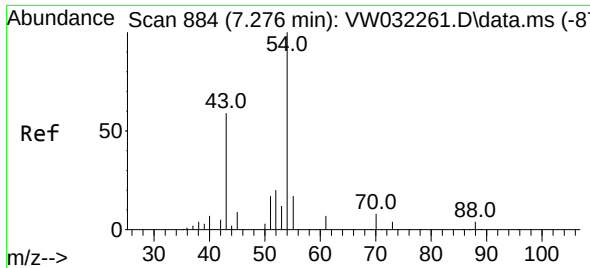


#36
1,1-Dichloropropene
Concen: 21.603 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52



Tgt Ion: 75 Resp: 96645
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.1
77 31.1 25.2 37.8

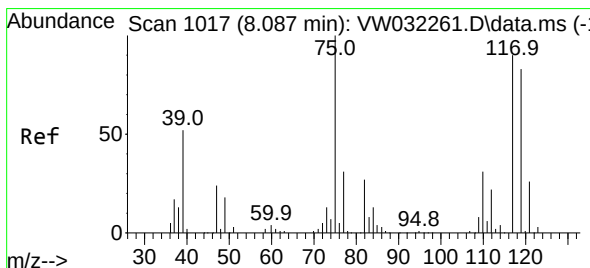
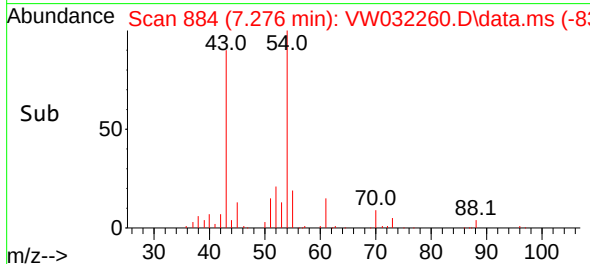
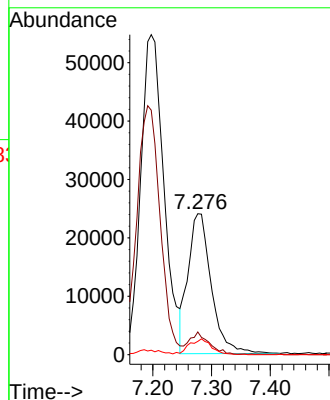
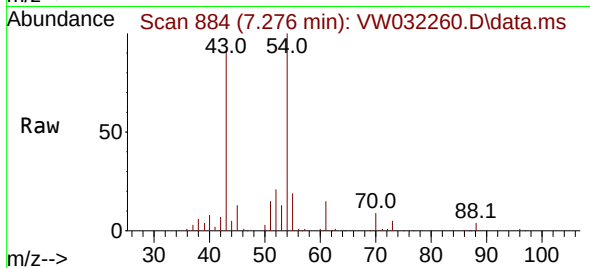




#37
Ethyl Acetate
Concen: 22.138 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

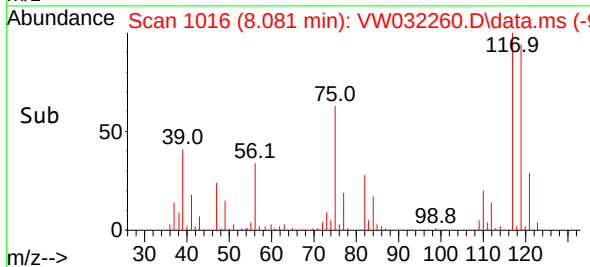
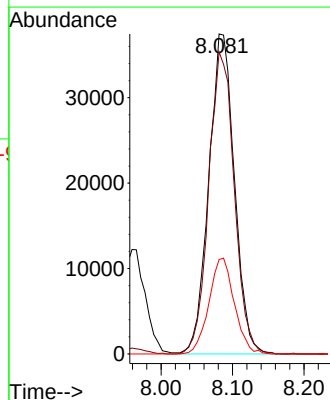
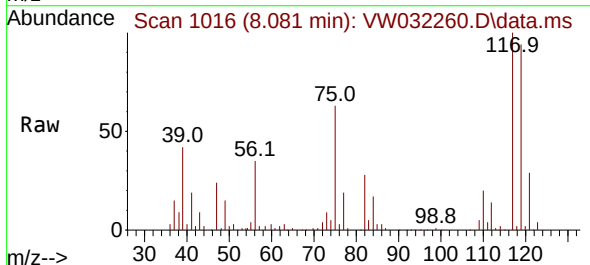
Instrument :
MSVOA_W
ClientSampleId :

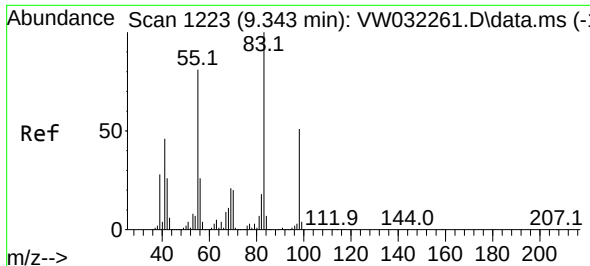
Tgt Ion: 43 Resp: 65684
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 22.156 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 117 Resp: 93252
Ion Ratio Lower Upper
117 100
119 94.4 73.9 110.9
121 29.5 23.0 34.6





#39

Methylcyclohexane

Concen: 21.264 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

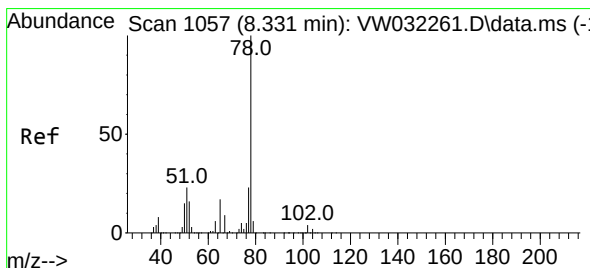
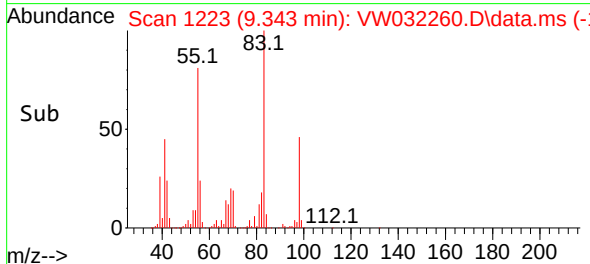
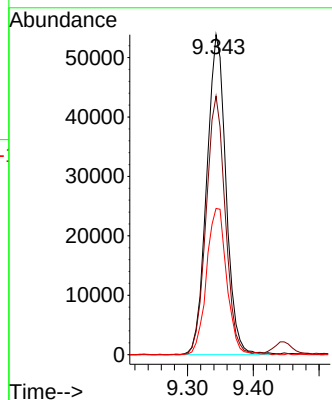
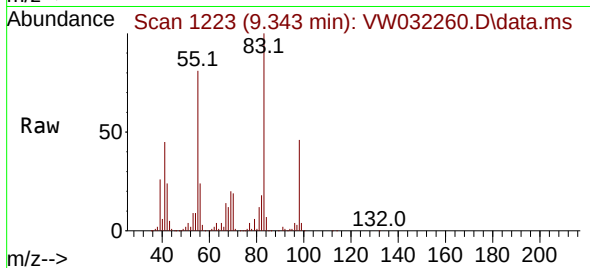
Tgt Ion: 83 Resp: 110069

Ion Ratio Lower Upper

83 100

55 80.7 65.0 97.6

98 45.7 40.8 61.2



#40

Benzene

Concen: 21.478 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VW032260.D

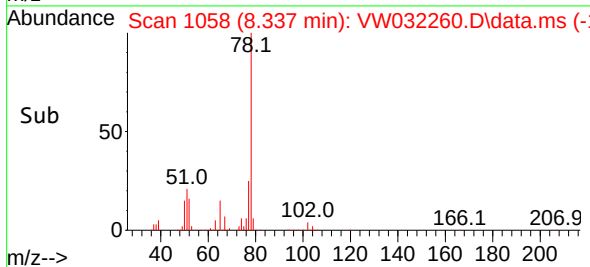
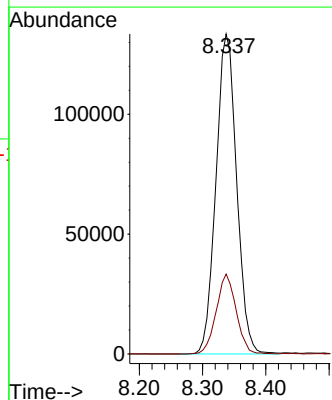
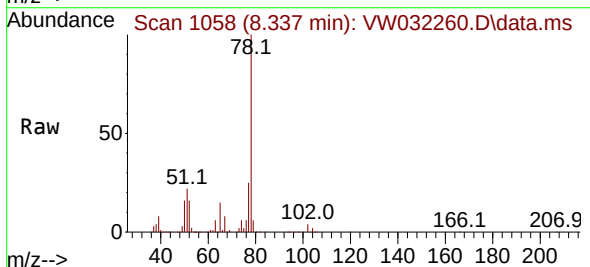
Acq: 25 Sep 2025 11:52

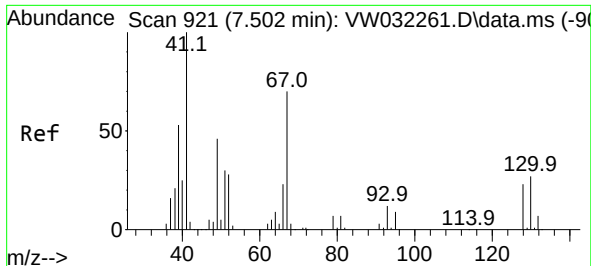
Tgt Ion: 78 Resp: 302446

Ion Ratio Lower Upper

78 100

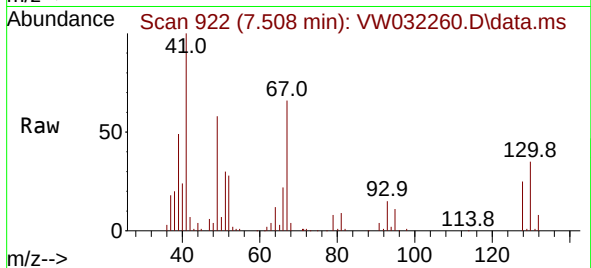
77 24.9 18.7 28.1



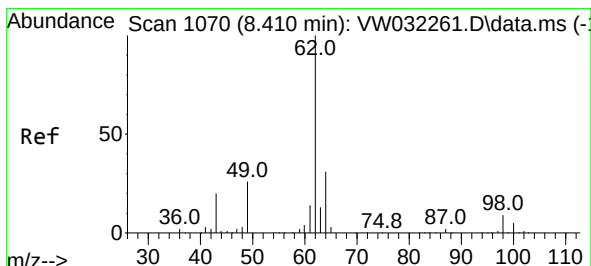
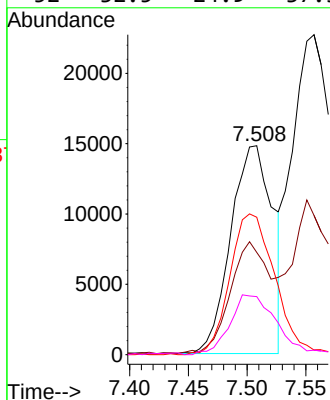
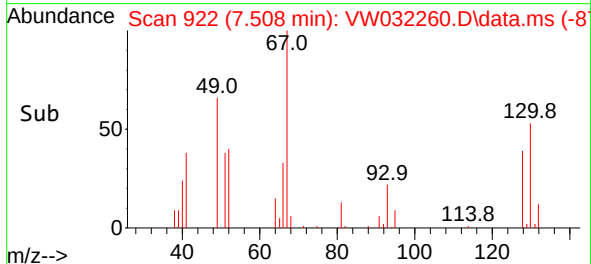


#41
Methacrylonitrile
Concen: 21.680 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

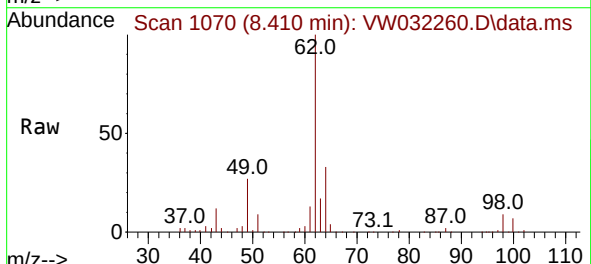
Instrument :
MSVOA_W
ClientSampleId :



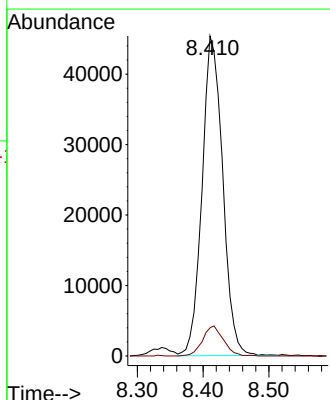
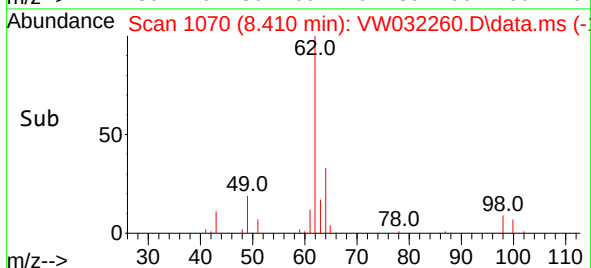
Tgt Ion:	41	Resp:	36840
Ion	Ratio	Lower	Upper
41	100		
39	52.2	46.9	70.3
67	73.3	59.0	88.4
52	32.5	24.9	37.3

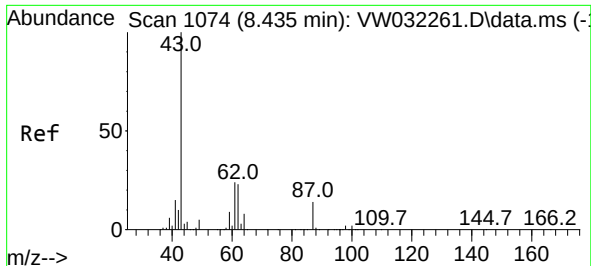


#42
1,2-Dichloroethane
Concen: 21.160 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52



Tgt Ion:	62	Resp:	99043
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.003 ug/l

RT: 8.441 min Scan# 111547

Delta R.T. 0.006 min

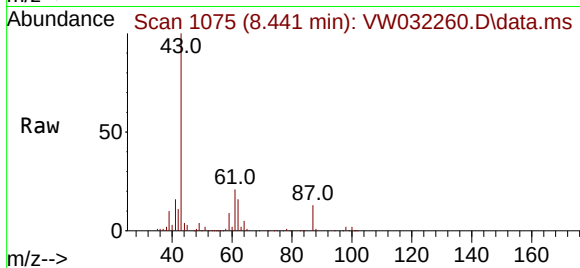
Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

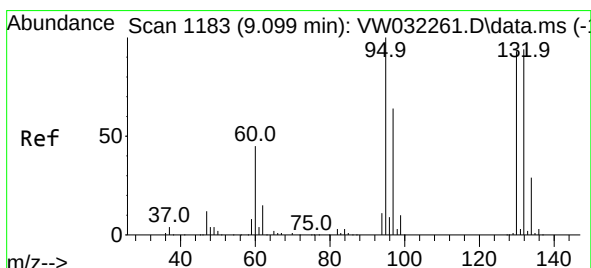
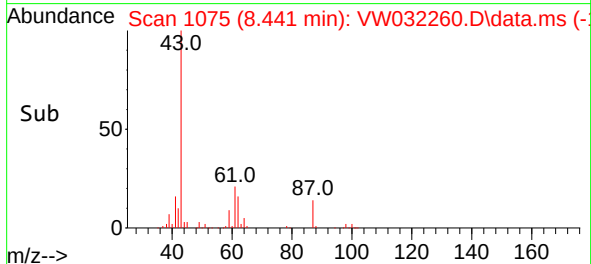
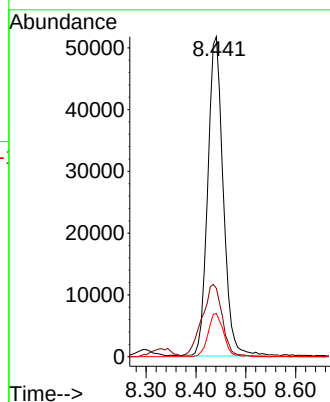
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43	Resp: 111547
Ion Ratio	Lower Upper
43 100	
61 29.7	24.2 36.2
87 13.5	10.6 16.0



#44

Trichloroethene

Concen: 21.404 ug/l

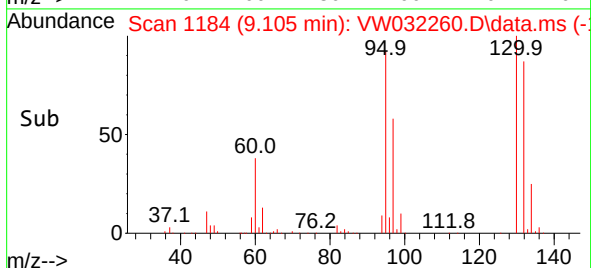
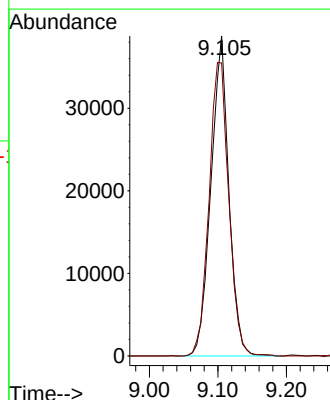
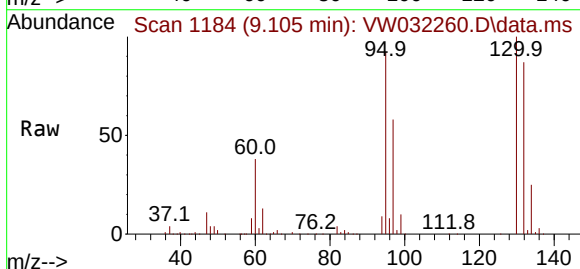
RT: 9.105 min Scan# 1184

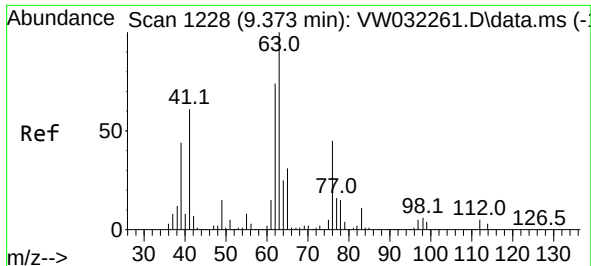
Delta R.T. 0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Tgt Ion:130	Resp:	70450	
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	215.2





#45

1,2-Dichloropropane

Concen: 21.400 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

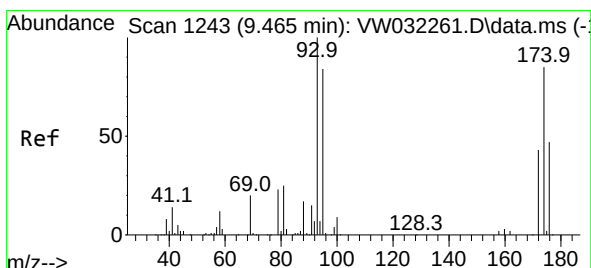
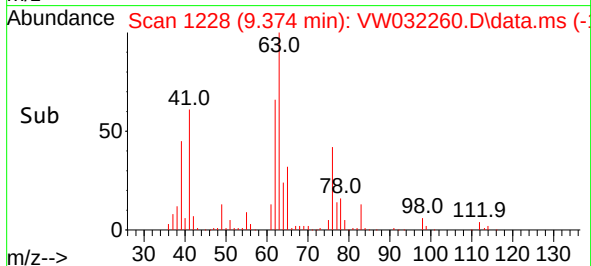
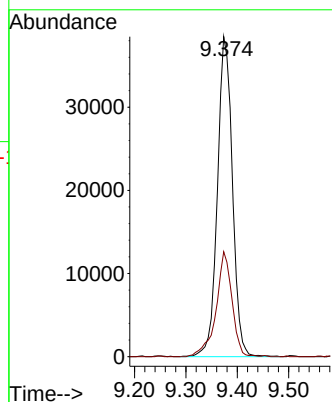
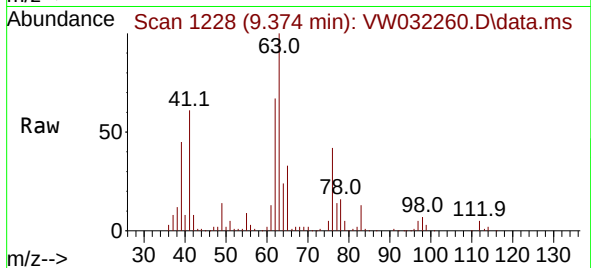
ClientSampleId :

Tgt Ion: 63 Resp: 78048

Ion Ratio Lower Upper

63 100

65 32.8 24.9 37.3



#46

Dibromomethane

Concen: 20.986 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

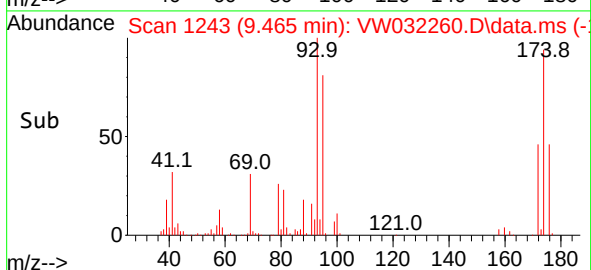
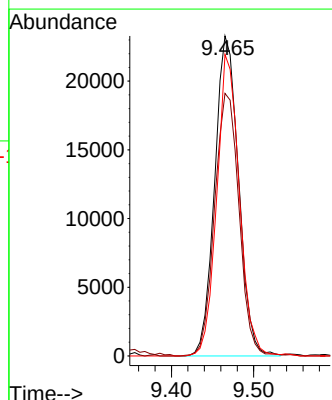
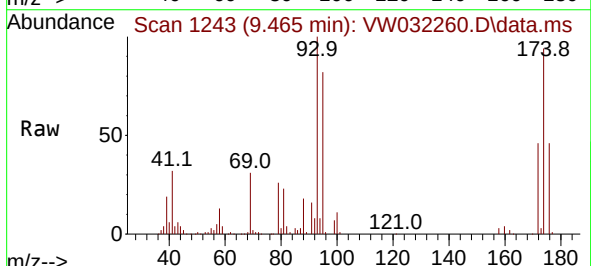
Tgt Ion: 93 Resp: 47056

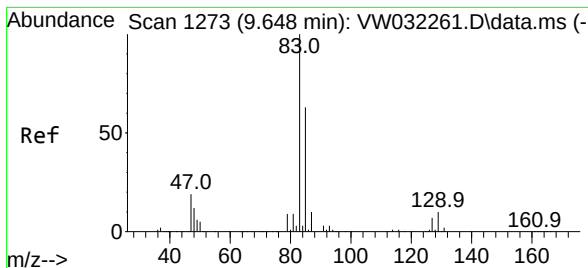
Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

174 89.3 69.0 103.6





#47

Bromodichloromethane

Concen: 20.826 ug/l

RT: 9.654 min Scan# 11

Delta R.T. 0.006 min

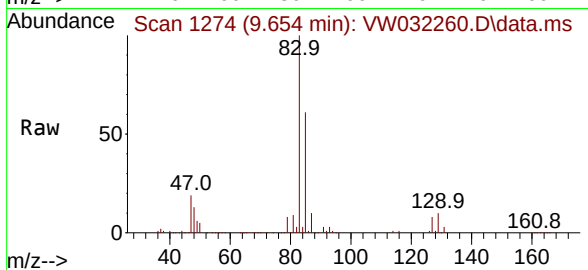
Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :



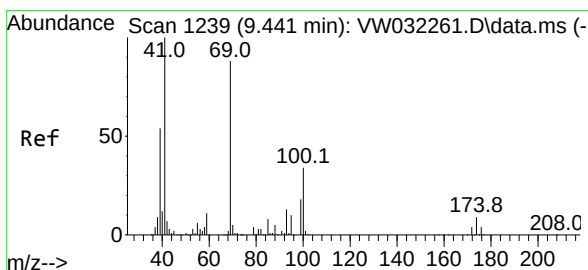
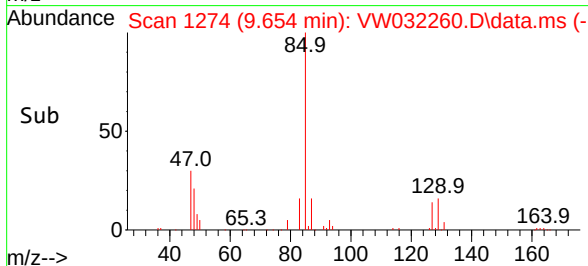
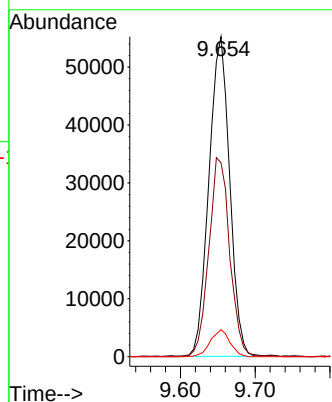
Tgt Ion: 83 Resp: 106511

Ion Ratio Lower Upper

83 100

85 60.7 50.3 75.5

127 8.5 5.6 8.4#



#48

Methyl methacrylate

Concen: 20.575 ug/l

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

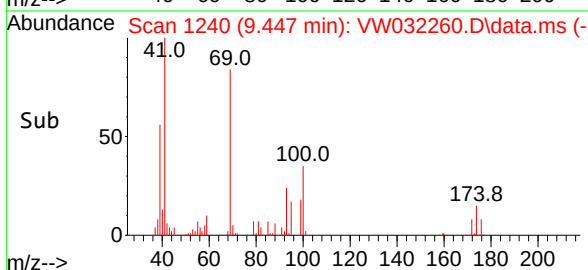
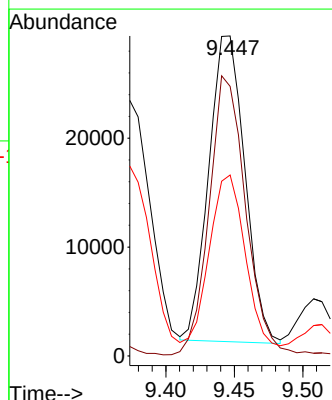
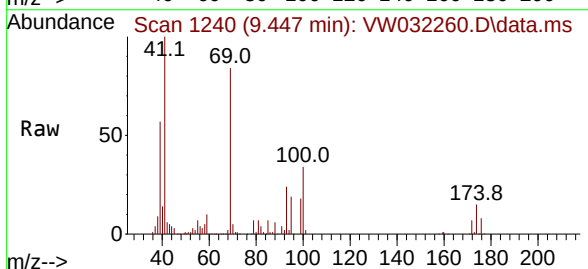
Tgt Ion: 41 Resp: 51409

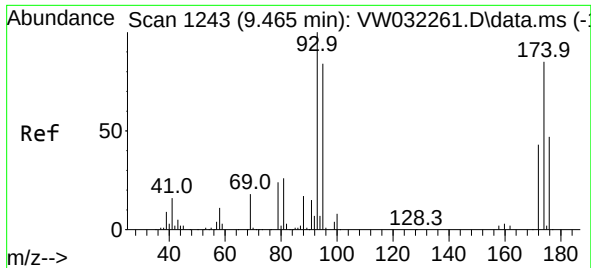
Ion Ratio Lower Upper

41 100

69 92.9 71.4 107.0

39 54.8 46.9 70.3

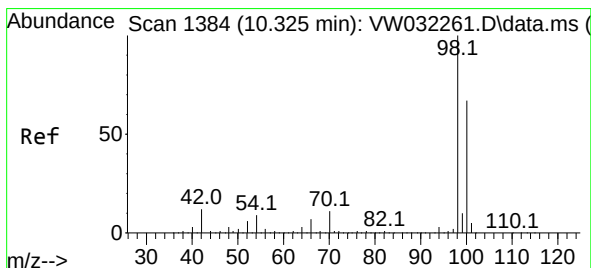
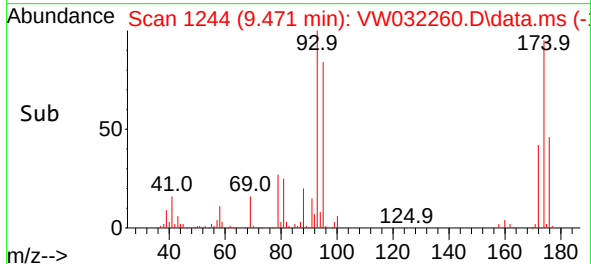
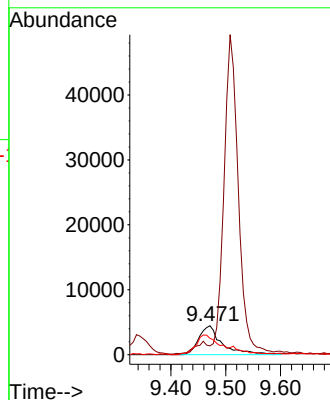
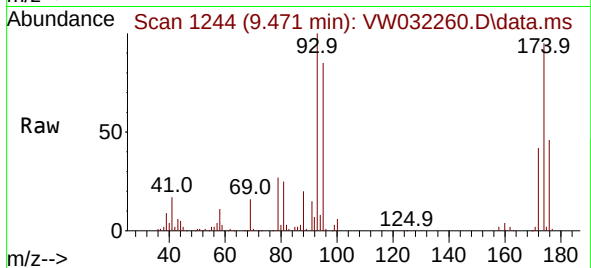




#49
1,4-Dioxane
Concen: 439.575 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

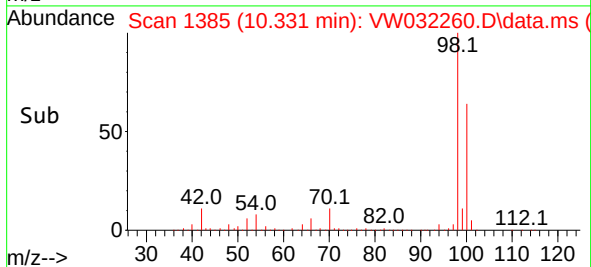
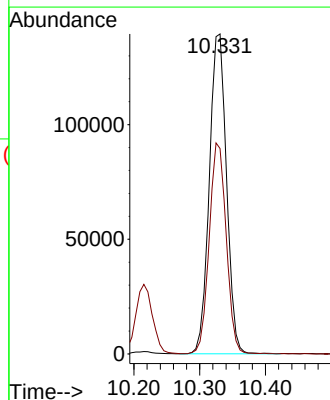
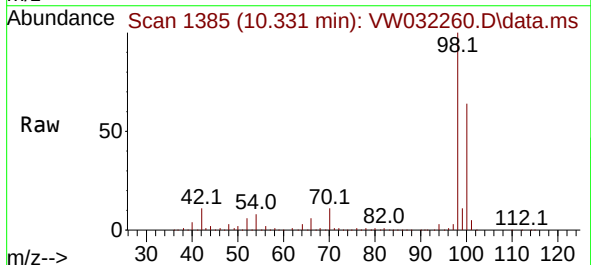
Instrument :
MSVOA_W
ClientSampleId :

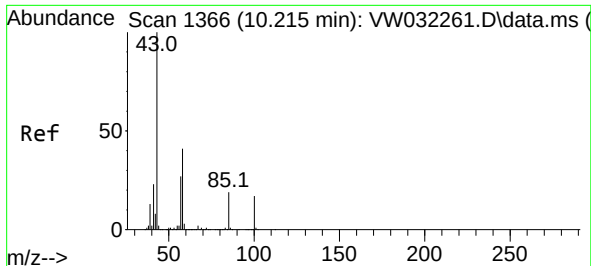
Tgt Ion: 88 Resp: 13201
Ion Ratio Lower Upper
88 100
43 25.9 0.0 0.0#
58 81.8 62.9 94.3



#50
Toluene-d8
Concen: 21.171 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 98 Resp: 253179
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

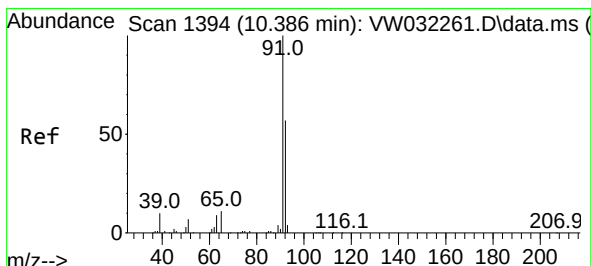
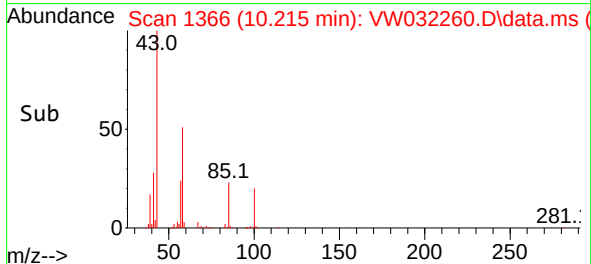
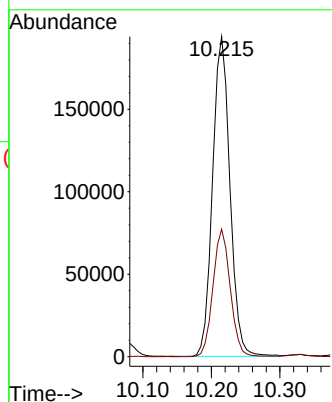
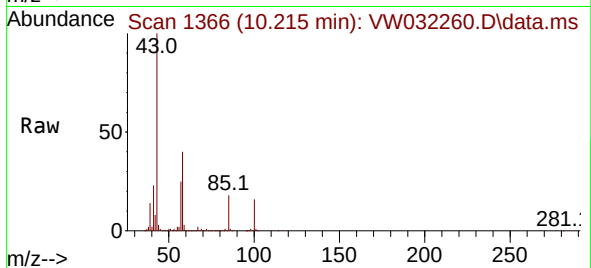




#51
4-Methyl-2-Pentanone
Concen: 108.392 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

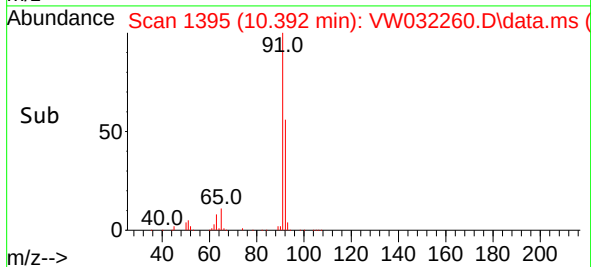
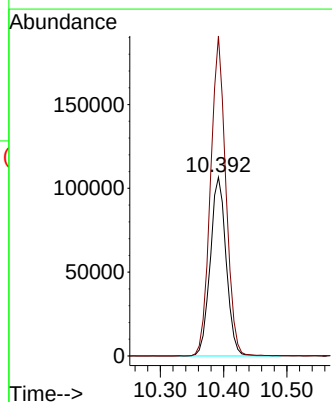
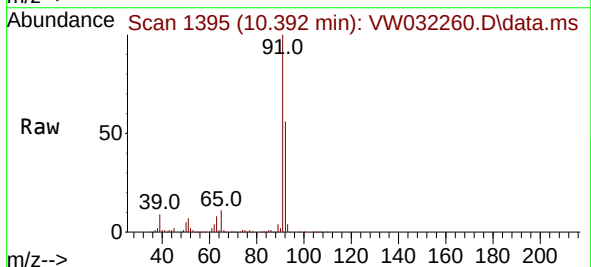
Instrument :
MSVOA_W
ClientSampleId :

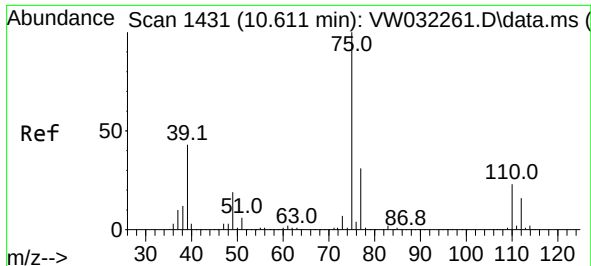
Tgt Ion: 43 Resp: 341323
Ion Ratio Lower Upper
43 100
58 39.7 32.3 48.5



#52
Toluene
Concen: 21.351 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 92 Resp: 186350
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8

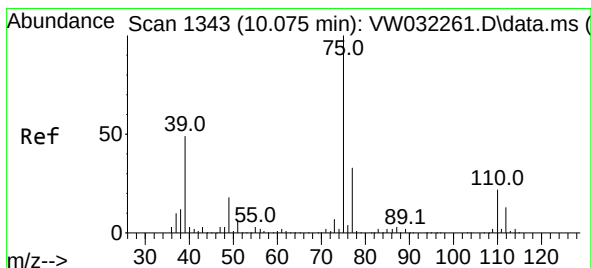
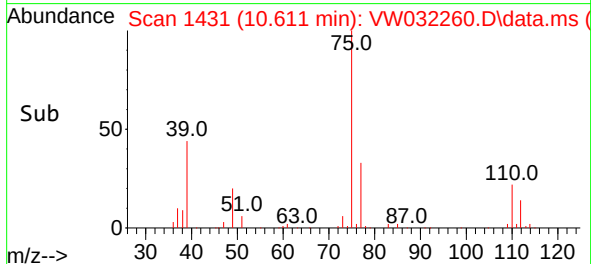
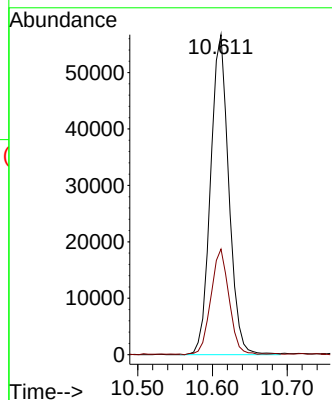
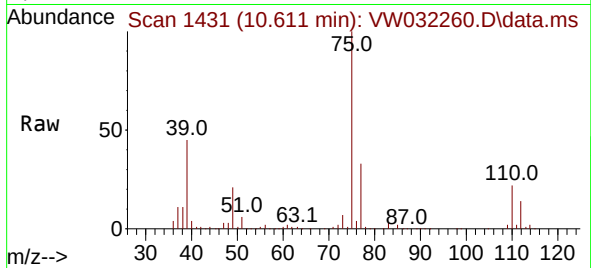




#53
t-1,3-Dichloropropene
Concen: 20.507 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

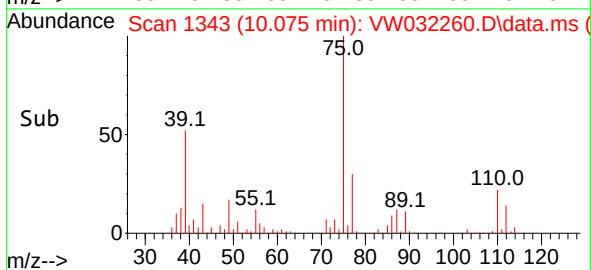
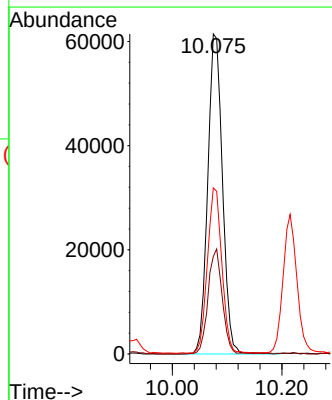
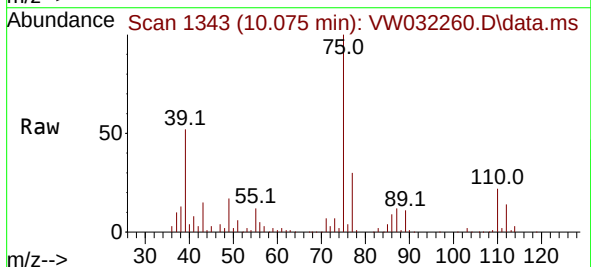
Instrument :
MSVOA_W
ClientSampleId :

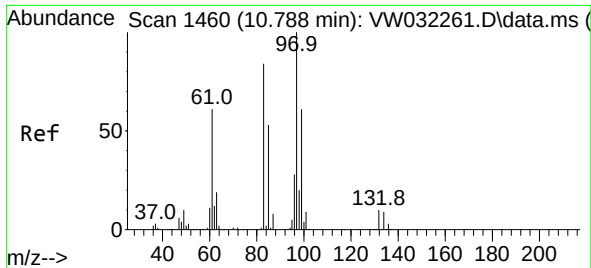
Tgt Ion: 75 Resp: 96092
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 21.086 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 114070
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.4
39 51.6 39.0 58.6

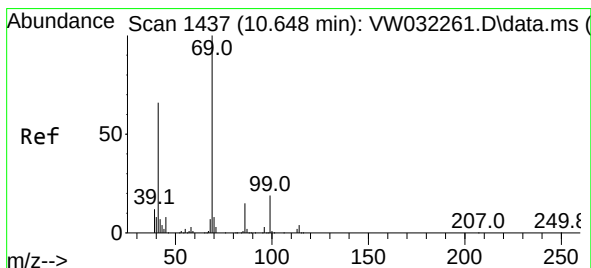
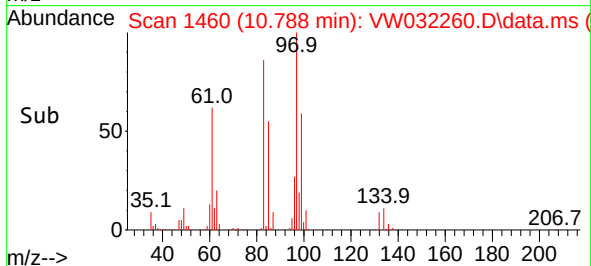
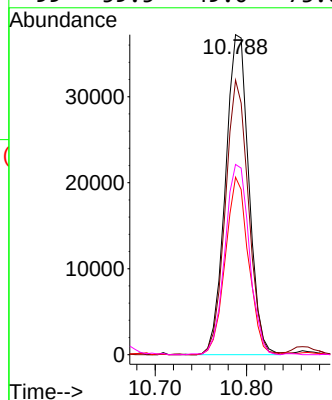
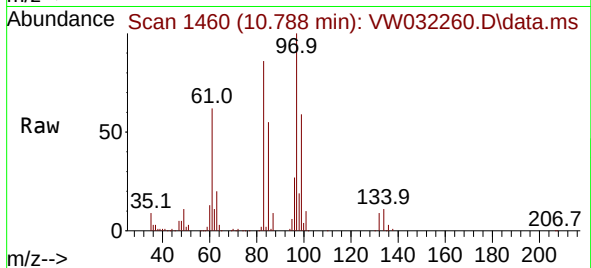




#55
1,1,2-Trichloroethane
Concen: 21.627 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

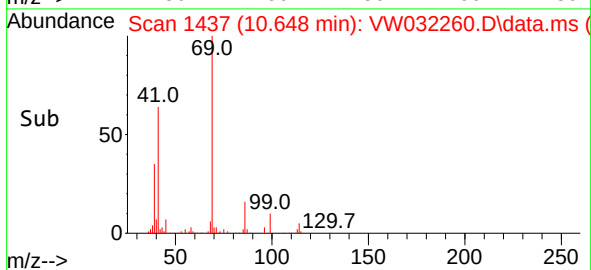
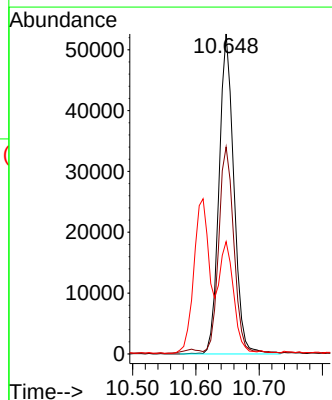
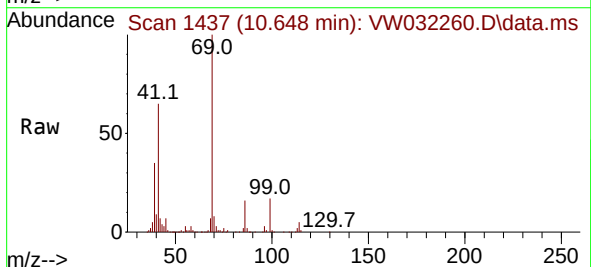
Instrument :
MSVOA_W
ClientSampleId :

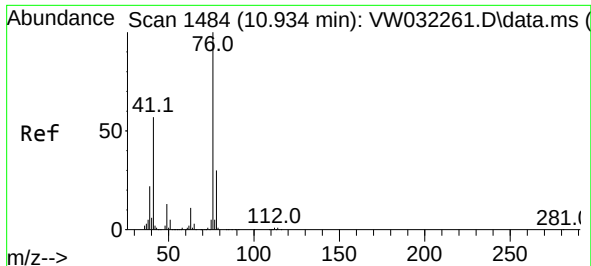
Tgt Ion:	97	Resp:	66195
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.4	101.2
85	55.5	42.0	63.0
99	59.5	49.0	73.6



#56
Ethyl methacrylate
Concen: 21.163 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:	69	Resp:	85321
Ion	Ratio	Lower	Upper
69	100		
41	65.5	54.7	82.1
39	32.7	26.3	39.5

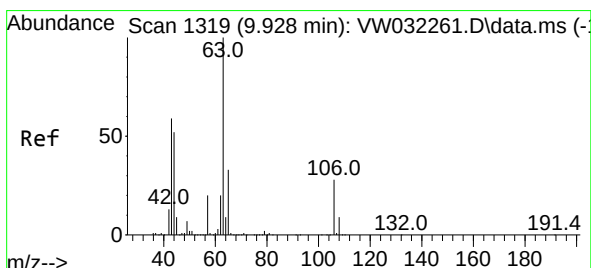
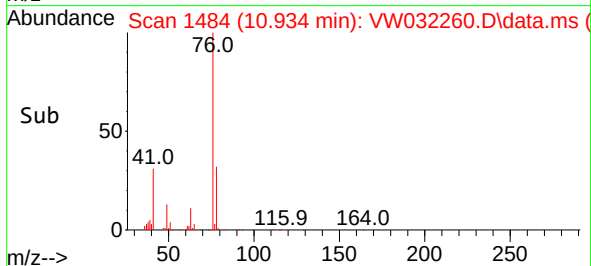
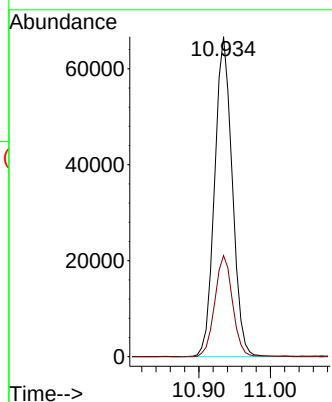
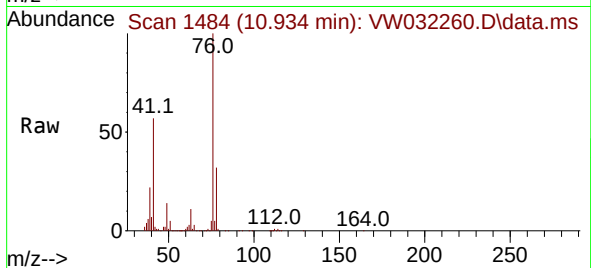




#57
1,3-Dichloropropane
Concen: 21.552 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

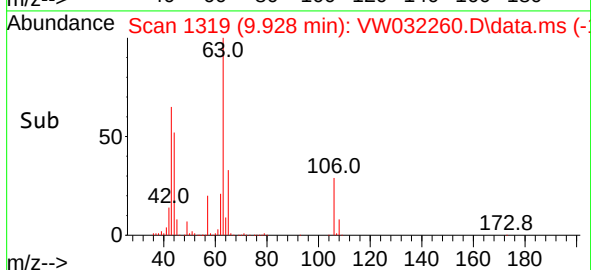
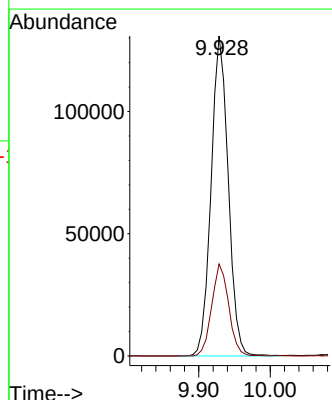
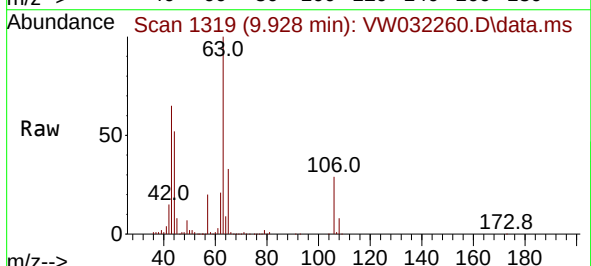
Instrument :
MSVOA_W
ClientSampleId :

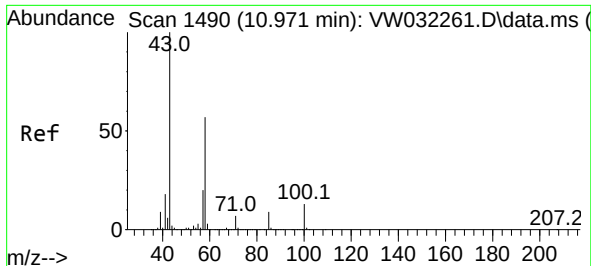
Tgt Ion: 76 Resp: 113957
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.444 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 63 Resp: 217872
Ion Ratio Lower Upper
63 100
106 28.5 22.5 33.7





#59

2-Hexanone

Concen: 109.212 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

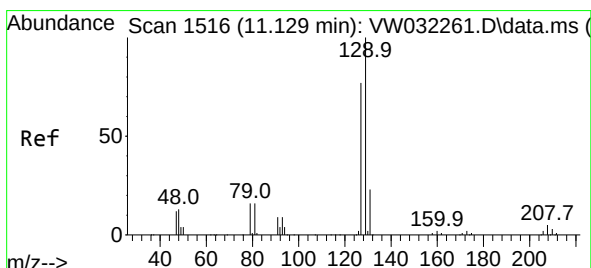
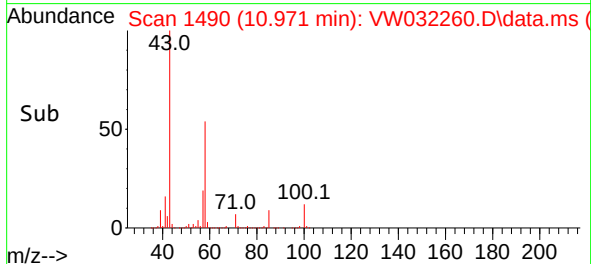
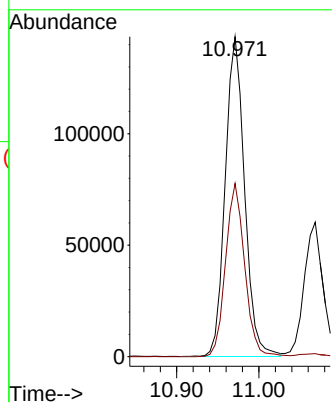
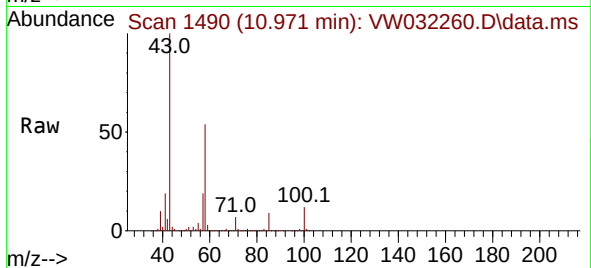
ClientSampleId :

Tgt Ion: 43 Resp: 234851

Ion Ratio Lower Upper

43 100

58 53.7 27.9 83.6



#60

Dibromochloromethane

Concen: 20.343 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032260.D

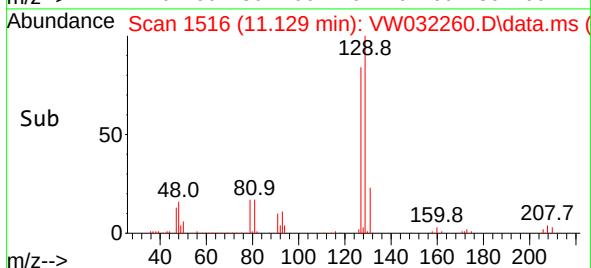
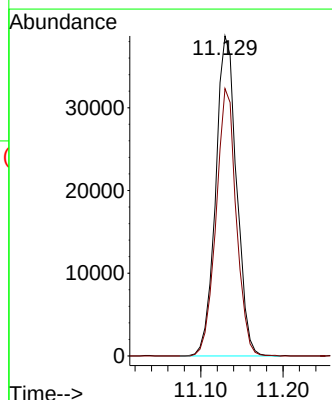
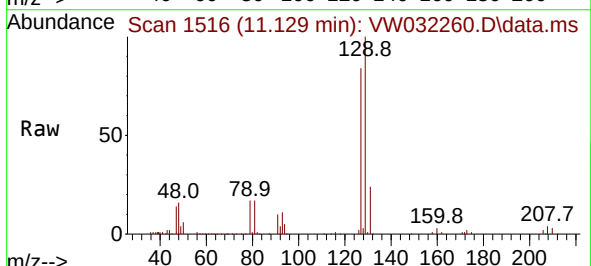
Acq: 25 Sep 2025 11:52

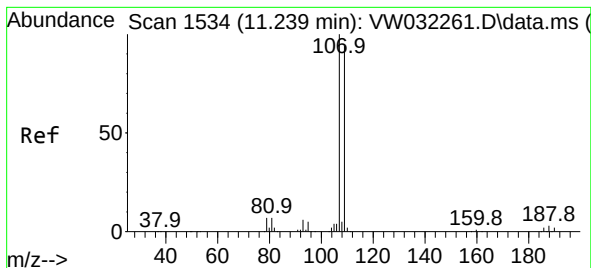
Tgt Ion:129 Resp: 68381

Ion Ratio Lower Upper

129 100

127 80.4 39.3 117.8

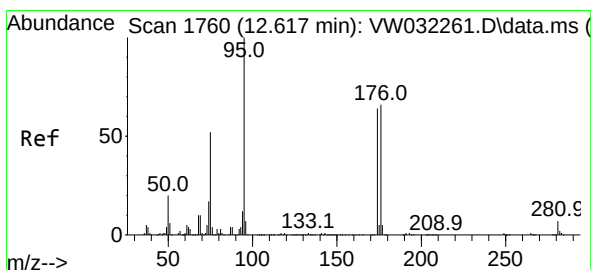
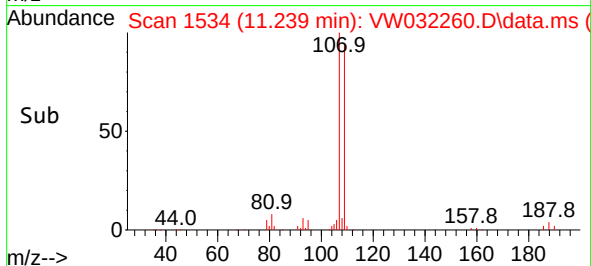
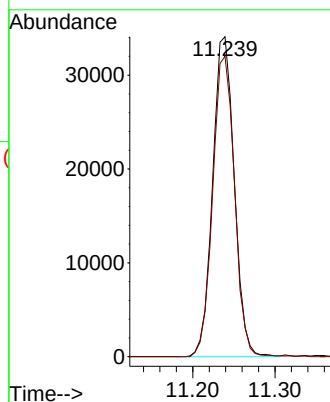
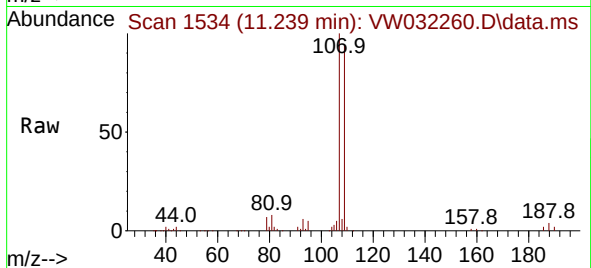




#61
1,2-Dibromoethane
Concen: 21.470 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

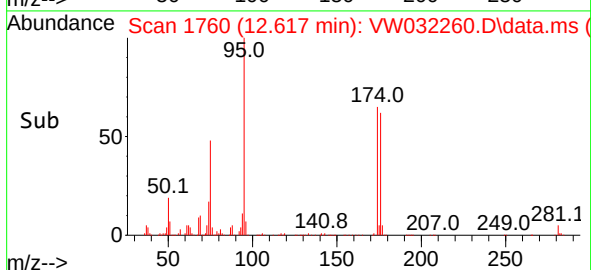
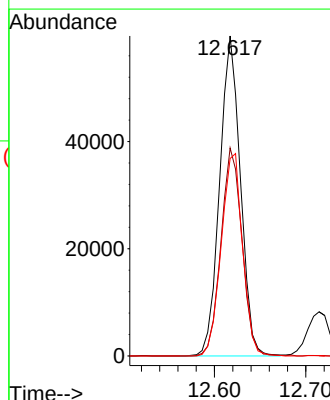
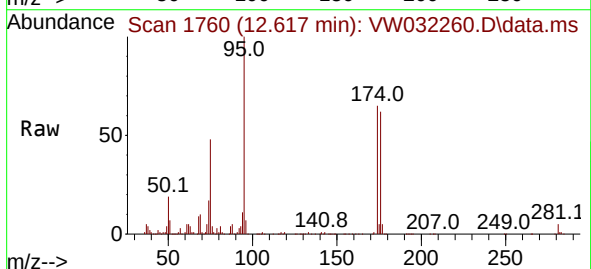
Instrument :
MSVOA_W
ClientSampleId :

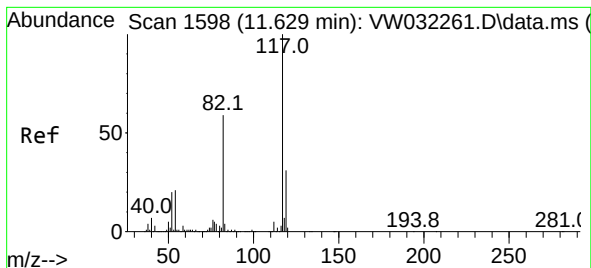
Tgt Ion:107 Resp: 62256
Ion Ratio Lower Upper
107 100
109 94.8 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 20.891 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 95 Resp: 94235
Ion Ratio Lower Upper
95 100
174 66.0 0.0 130.6
176 65.0 0.0 127.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 1

Delta R.T. 0.006 min

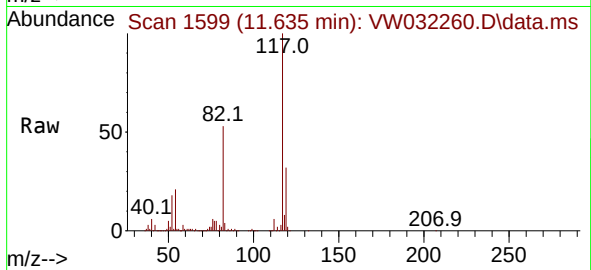
Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :



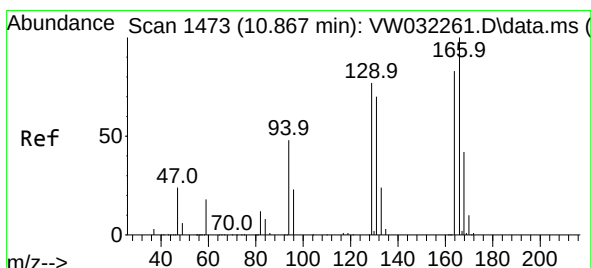
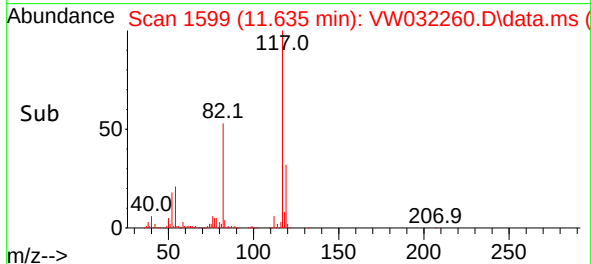
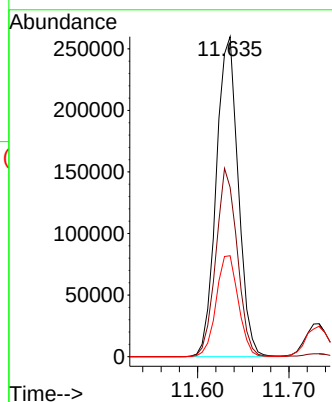
Tgt Ion:117 Resp: 434624

Ion Ratio Lower Upper

117 100

82 52.9 46.9 70.3

119 31.6 24.9 37.3



#64

Tetrachloroethene

Concen: 21.182 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Tgt Ion:164 Resp: 56103

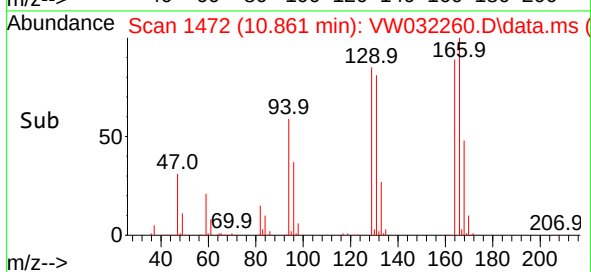
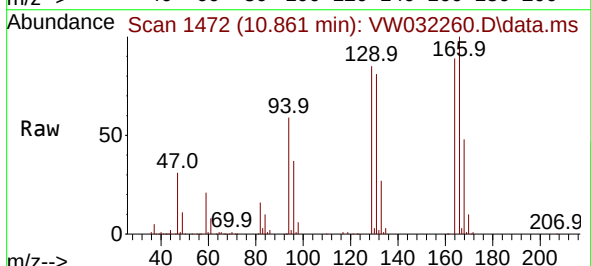
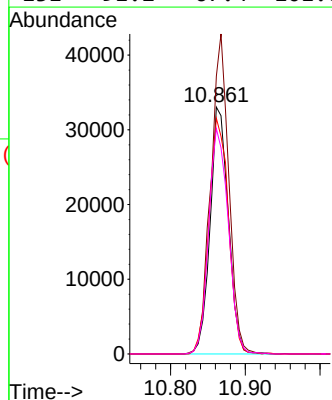
Ion Ratio Lower Upper

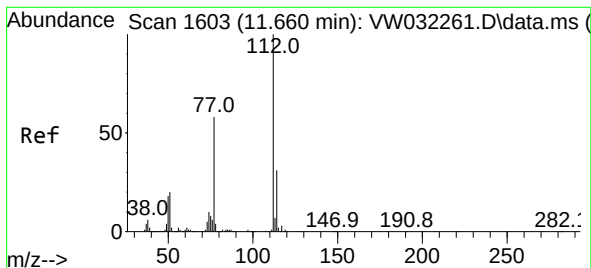
164 100

166 112.5 96.9 145.3

129 95.4 75.0 112.4

131 91.2 67.4 101.0





#65

Chlorobenzene

Concen: 21.430 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

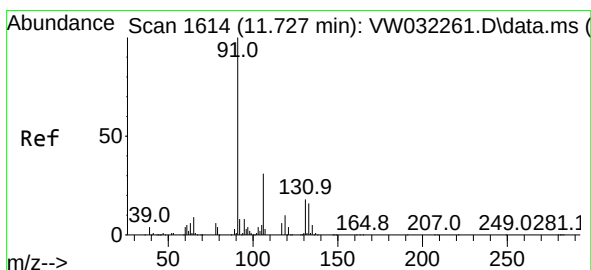
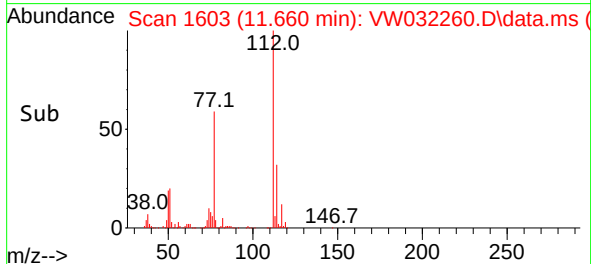
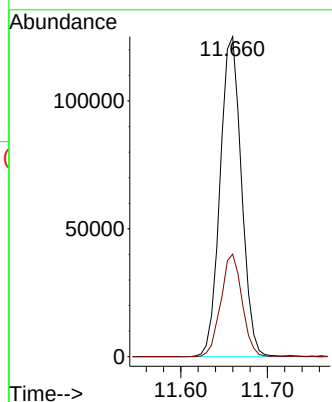
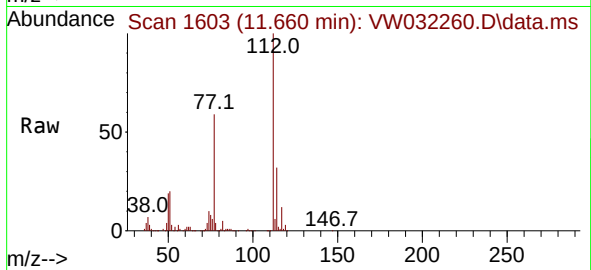
ClientSampleId :

Tgt Ion:112 Resp: 214538

Ion Ratio Lower Upper

112 100

114 32.1 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.723 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

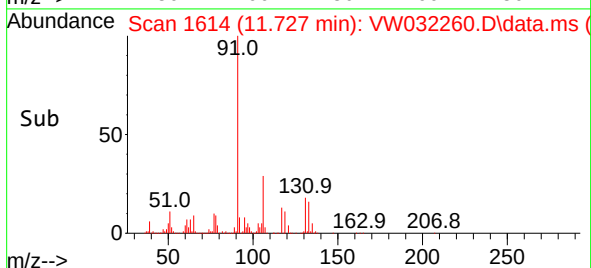
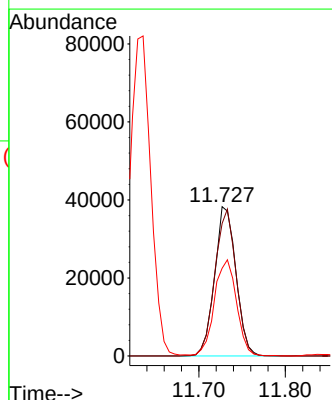
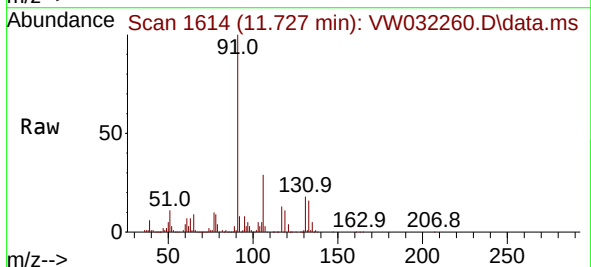
Tgt Ion:131 Resp: 65613

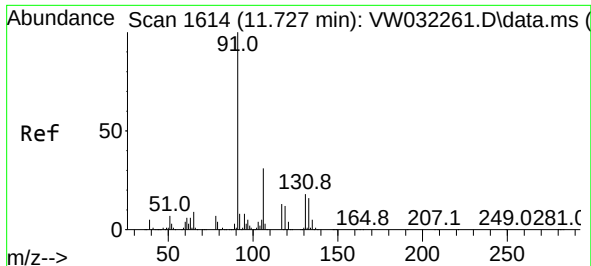
Ion Ratio Lower Upper

131 100

133 97.5 47.1 141.3

119 66.9 33.9 101.7

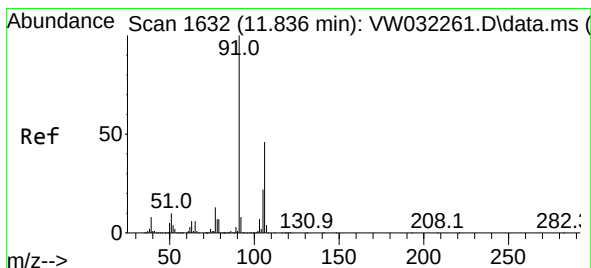
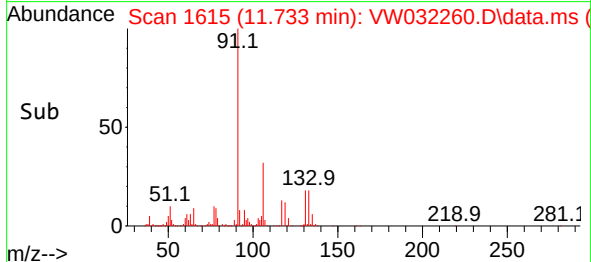
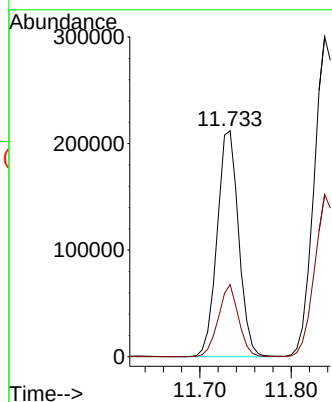
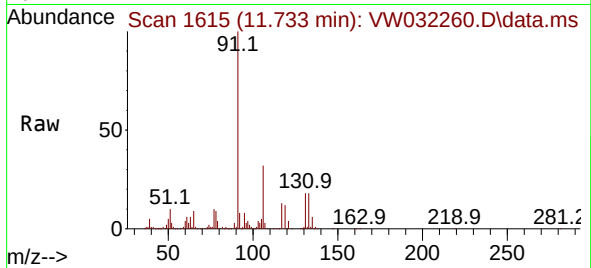




#67
Ethyl Benzene
Concen: 21.149 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

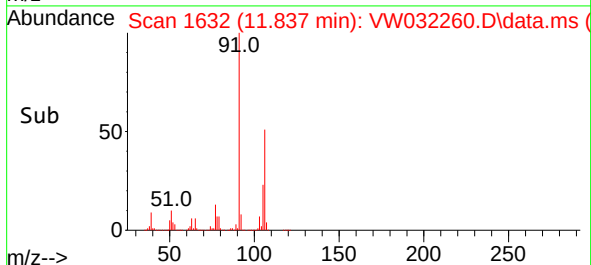
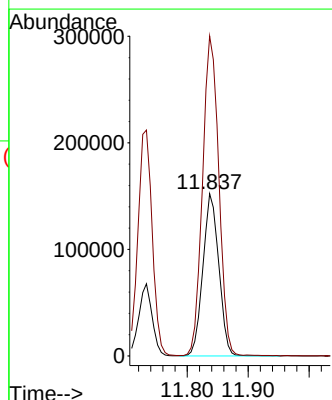
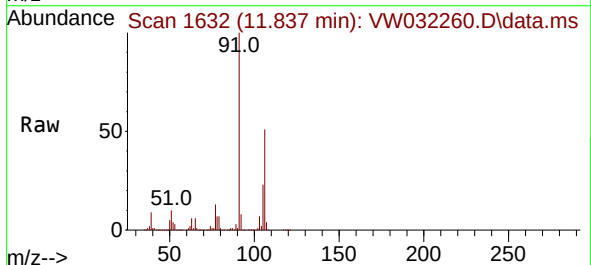
Instrument :
MSVOA_W
ClientSampleId :

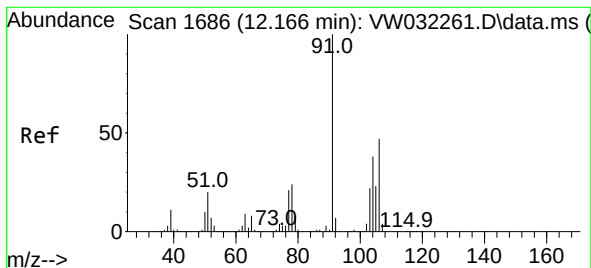
Tgt Ion: 91 Resp: 346566
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1



#68
m/p-Xylenes
Concen: 43.920 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:106 Resp: 275886
Ion Ratio Lower Upper
106 100
91 202.4 169.0 253.4





#69

o-Xylene

Concen: 20.927 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

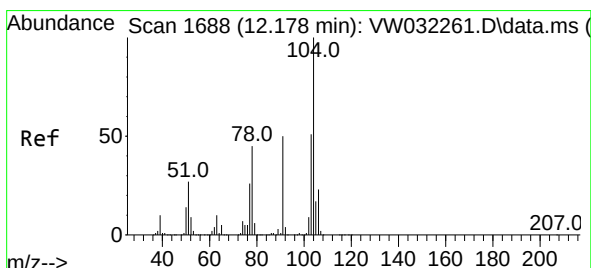
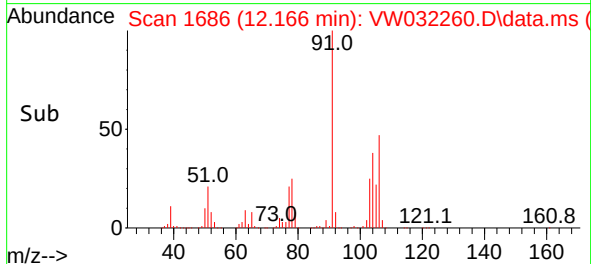
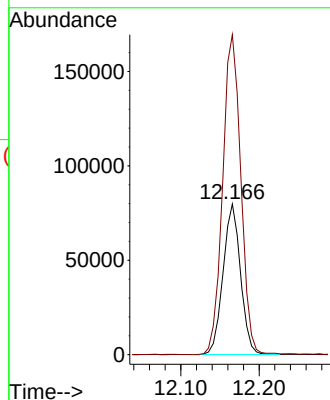
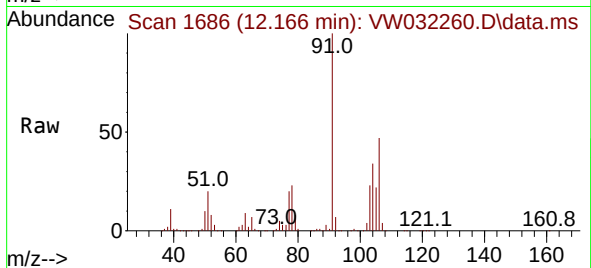
ClientSampleId :

Tgt Ion:106 Resp: 123539

Ion Ratio Lower Upper

106 100

91 222.5 107.8 323.6



#70

Styrene

Concen: 22.084 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

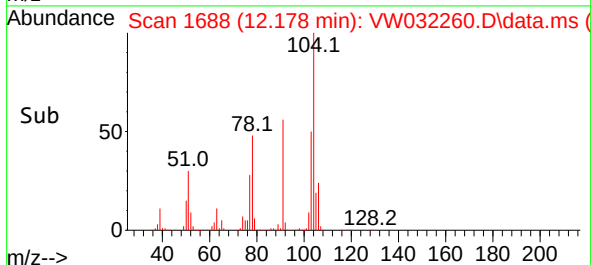
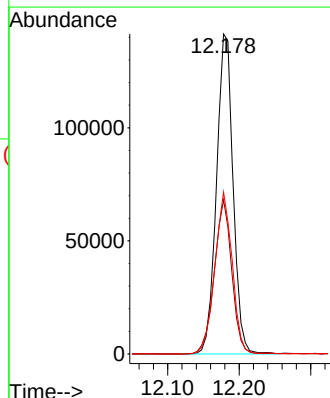
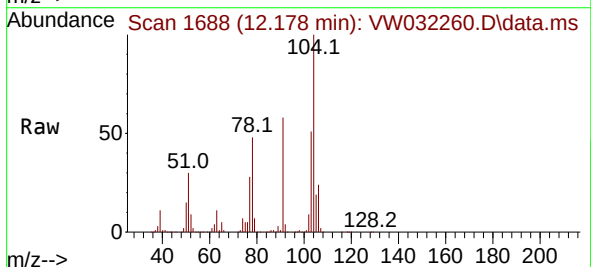
Tgt Ion:104 Resp: 228628

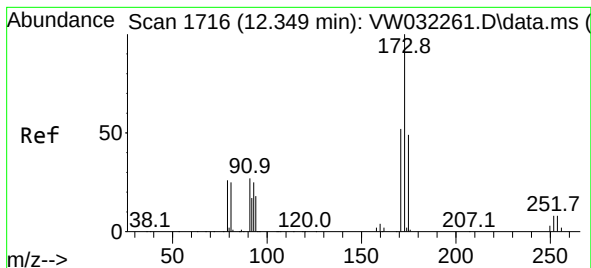
Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 52.8 43.4 65.2





#71

Bromoform

Concen: 20.596 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032260.D

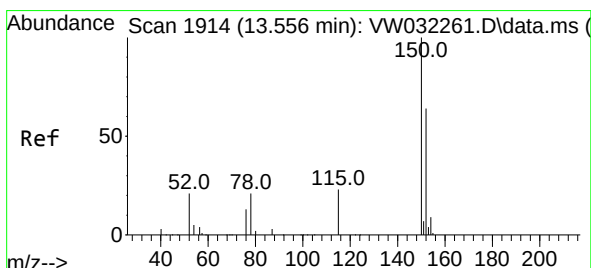
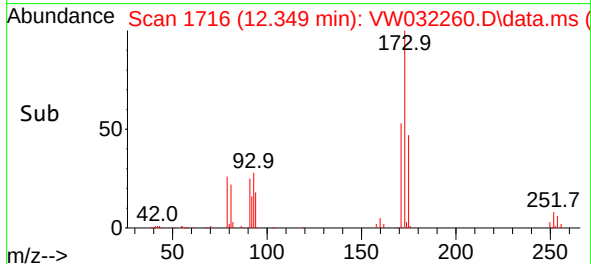
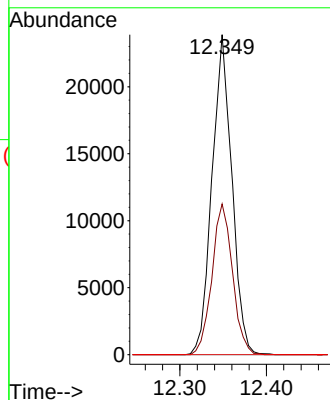
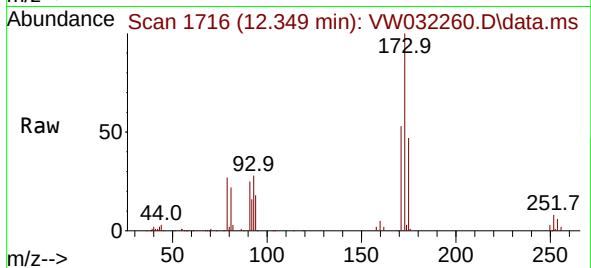
Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	38000
Ion Ratio	Lower	Upper
173	100	
175	48.8	23.1 69.2
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

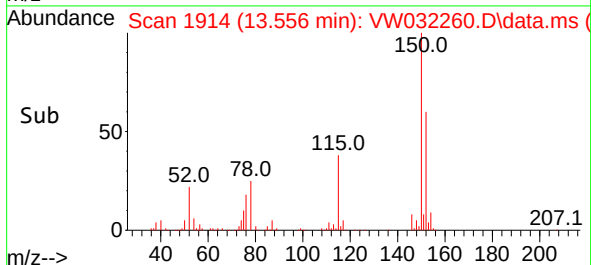
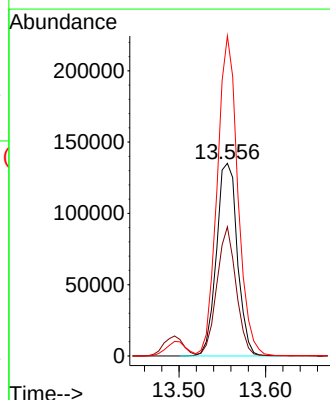
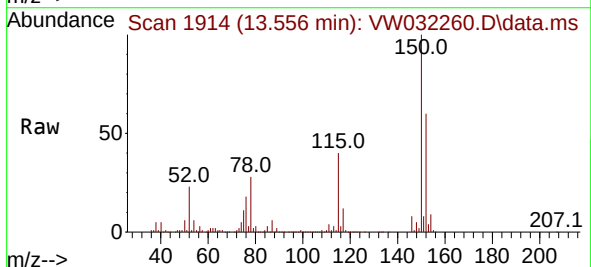
RT: 13.556 min Scan# 1914

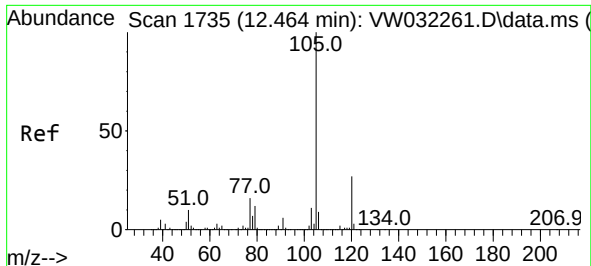
Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

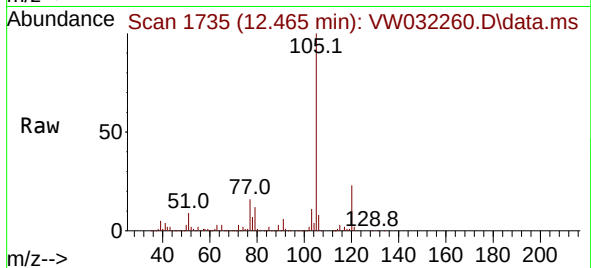
Tgt Ion:152	Resp:	226451
Ion Ratio	Lower	Upper
152	100	
115	61.8	32.5 97.5
150	163.6	0.0 370.2



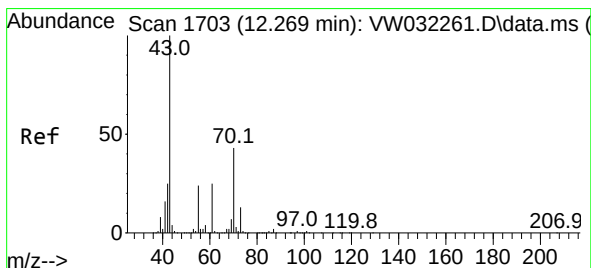
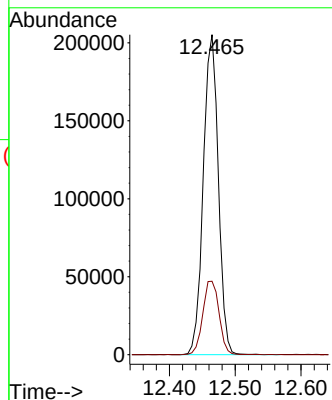
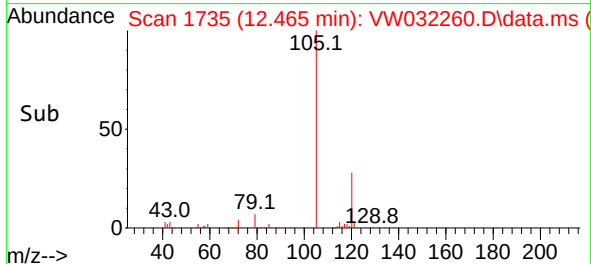


#73
Isopropylbenzene
Concen: 20.686 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

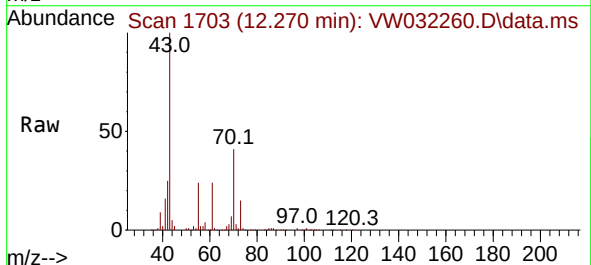
Instrument :
MSVOA_W
ClientSampleId :



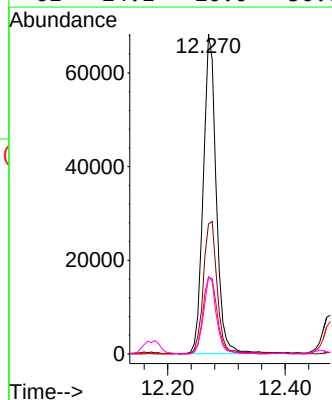
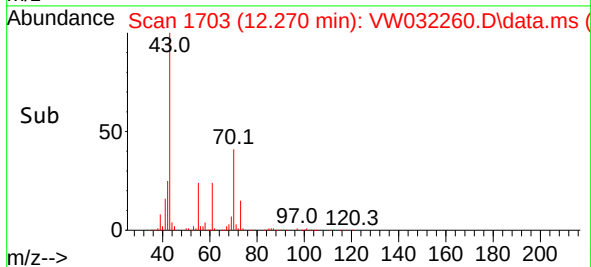
Tgt Ion:105 Resp: 326048
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.3

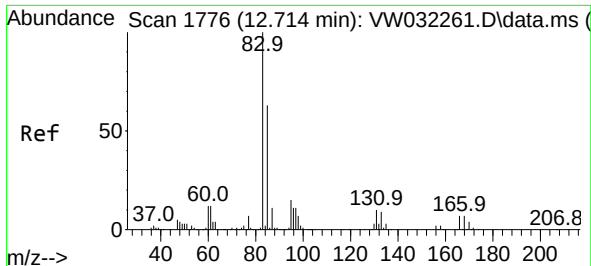


#74
N-ethyl acetate
Concen: 21.142 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52



Tgt Ion: 43 Resp: 104936
Ion Ratio Lower Upper
43 100
70 44.2 35.0 52.4
55 26.8 20.6 31.0
61 24.1 20.0 30.0

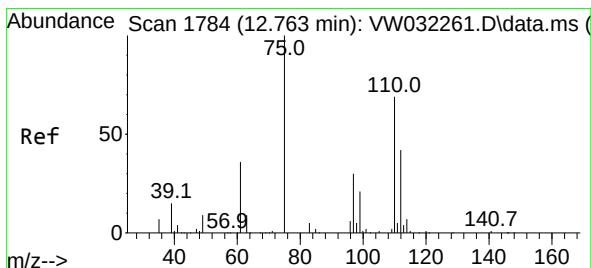
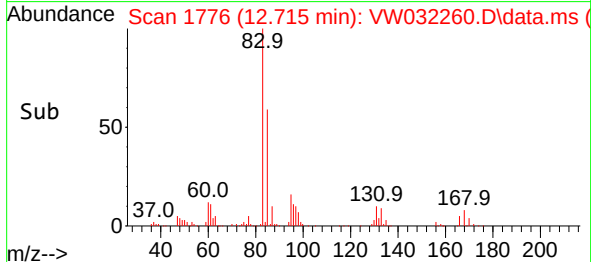
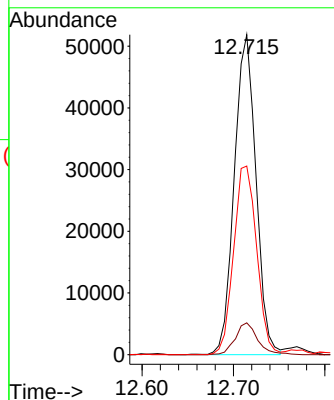
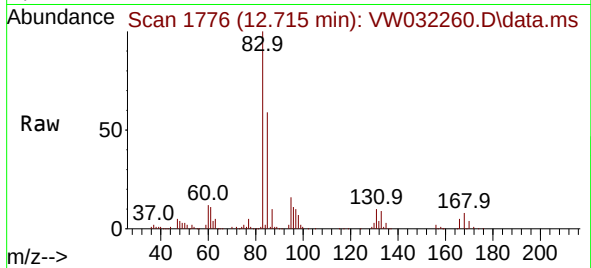




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.680 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

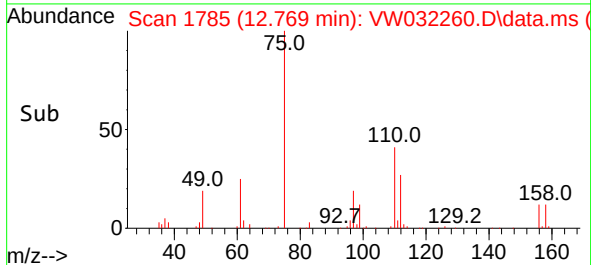
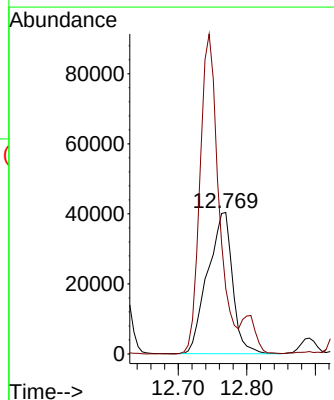
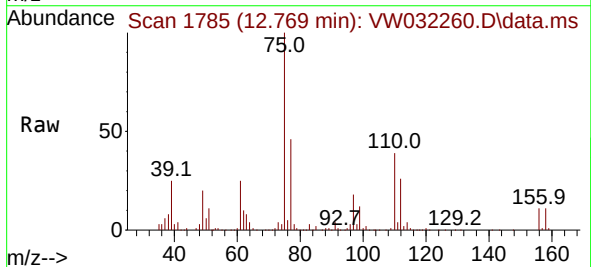
Instrument :
 MSVOA_W
 ClientSampleId :

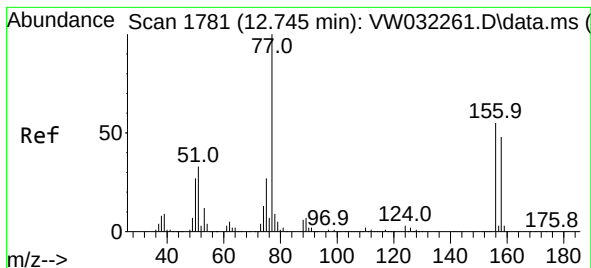
Tgt Ion: 83 Resp: 85459
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.7
 85 62.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 28.609 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 101890
 Ion Ratio Lower Upper
 75 100
 77 0.0 140.9 422.7#





#77

Bromobenzene

Concen: 20.291 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

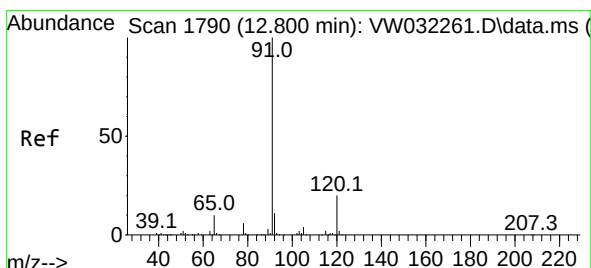
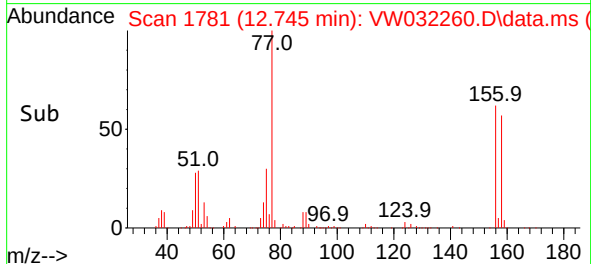
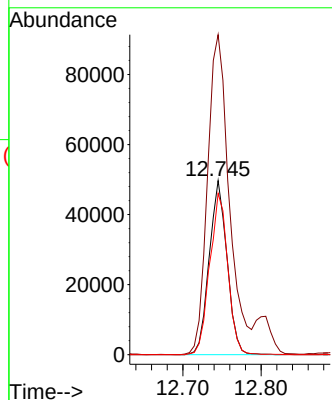
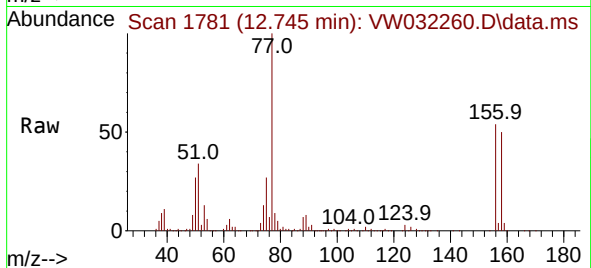
Tgt Ion:156 Resp: 78661

Ion Ratio Lower Upper

156 100

77 223.1 103.3 309.8

158 93.9 45.4 136.2



#78

n-propylbenzene

Concen: 20.432 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032260.D

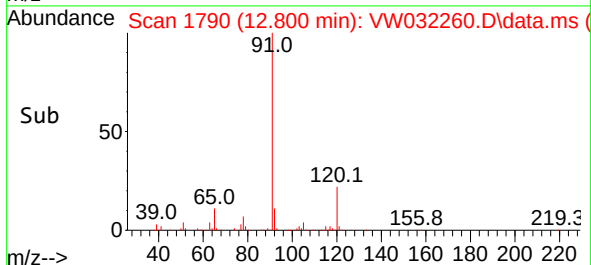
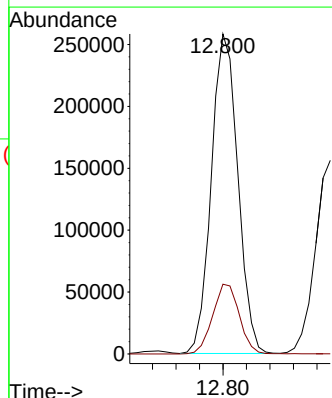
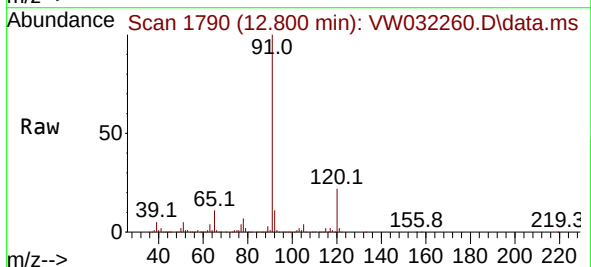
Acq: 25 Sep 2025 11:52

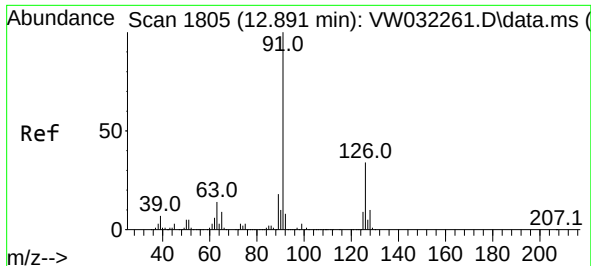
Tgt Ion: 91 Resp: 404504

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

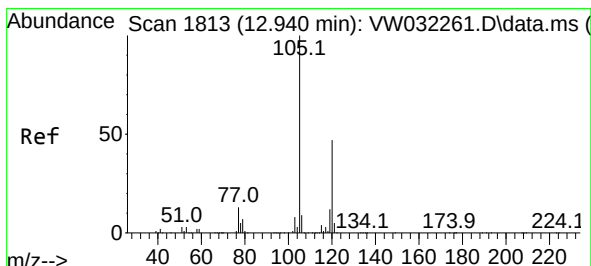
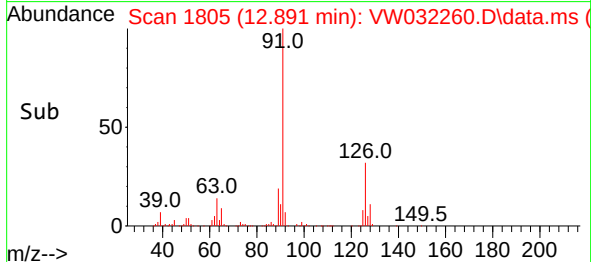
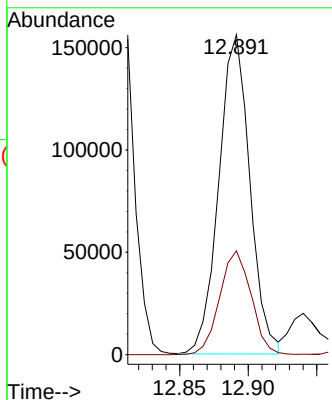
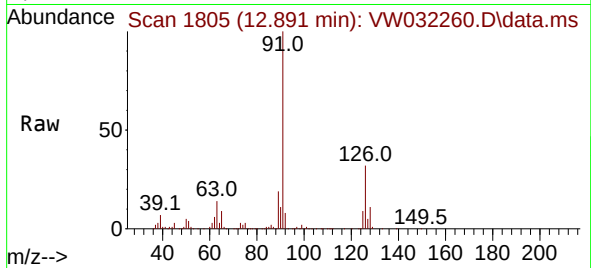




#79
2-Chlorotoluene
Concen: 20.510 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

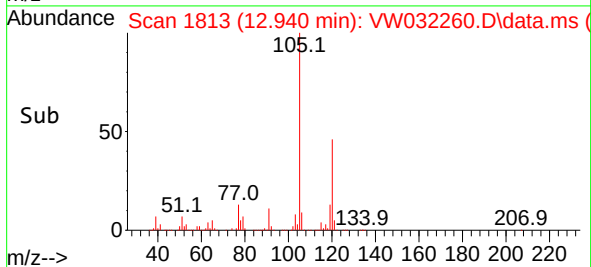
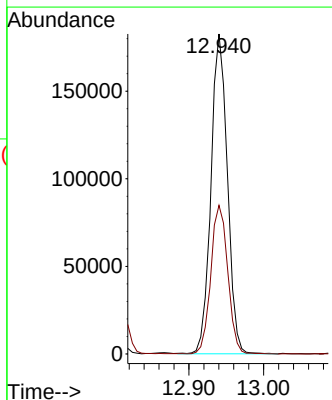
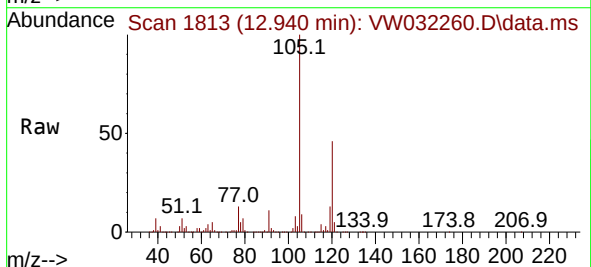
Instrument :
MSVOA_W
ClientSampleId :

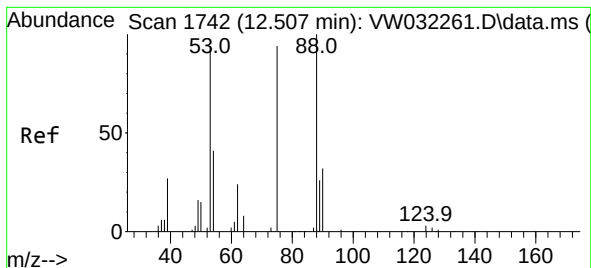
Tgt Ion: 91 Resp: 245976
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.621 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 105 Resp: 277878
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

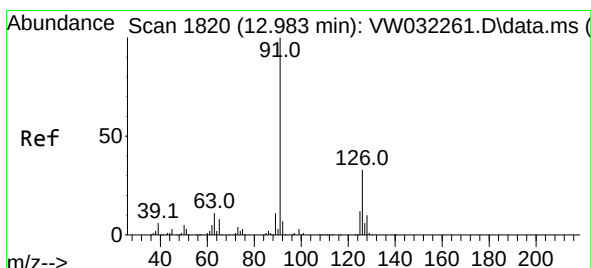
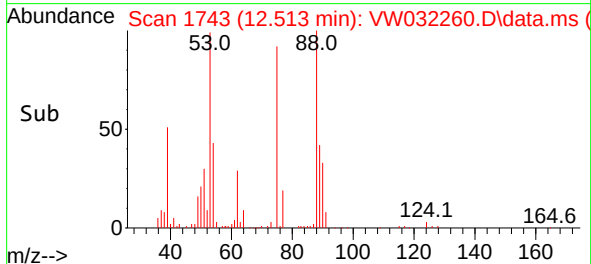
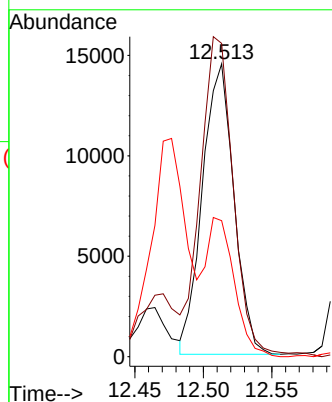
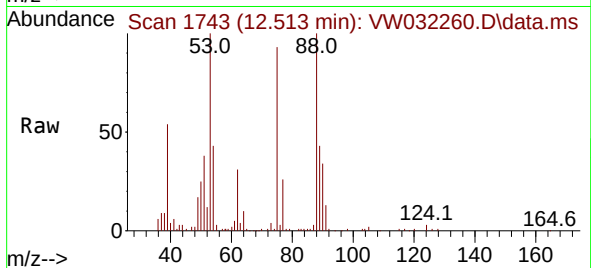




#81
trans-1,4-Dichloro-2-butene
Concen: 19.301 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

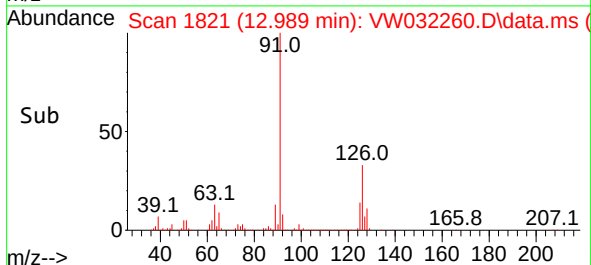
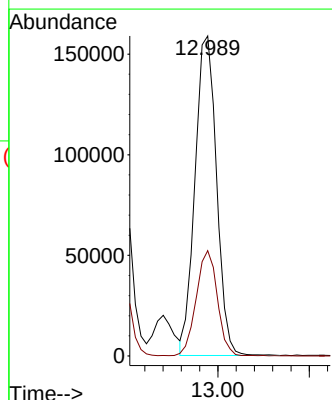
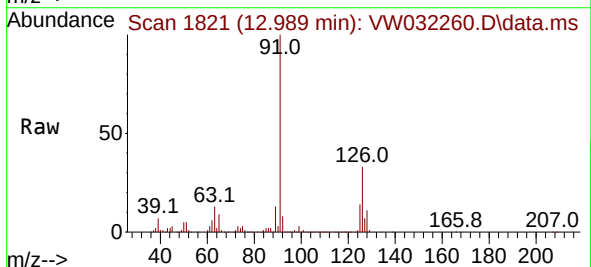
Instrument :
MSVOA_W
ClientSampleId :

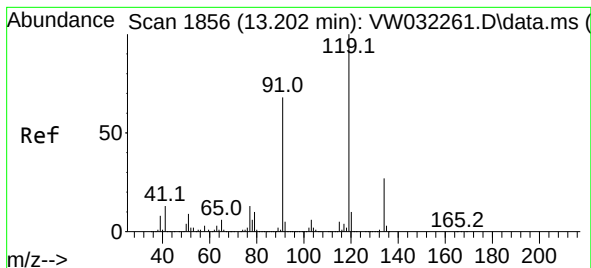
Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
53 115.4 81.4 122.2
89 43.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 20.491 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 259722
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

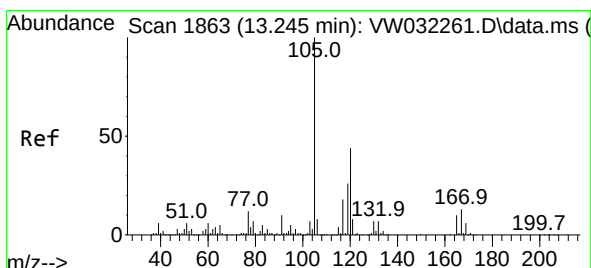
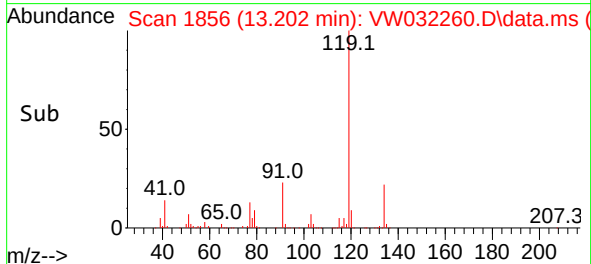
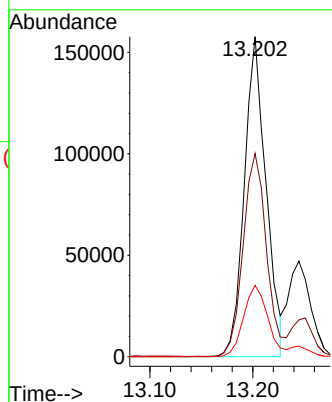
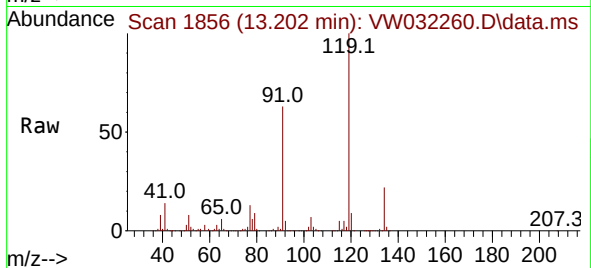




#83
 tert-Butylbenzene
 Concen: 20.565 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

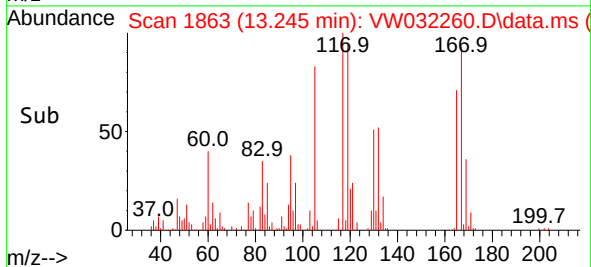
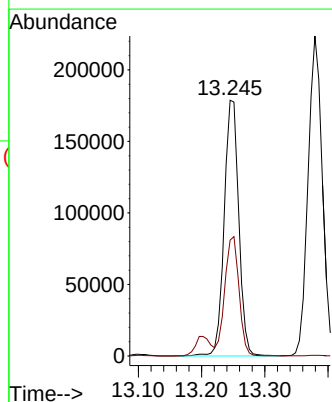
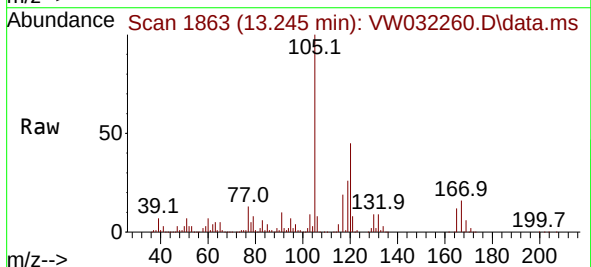
Instrument :
 MSVOA_W
 ClientSampleId :

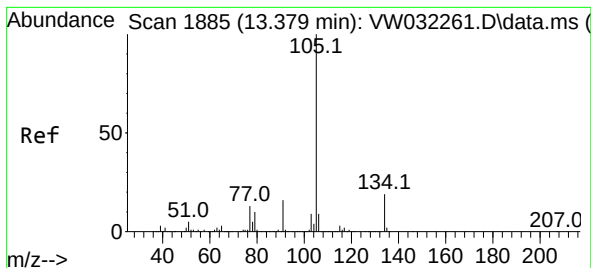
Tgt Ion:119 Resp: 231761
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.5 106.5
 134 25.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.861 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032260.D
 Acq: 25 Sep 2025 11:52

Tgt Ion:105 Resp: 285414
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.611 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

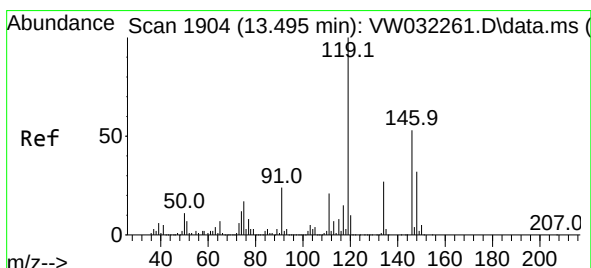
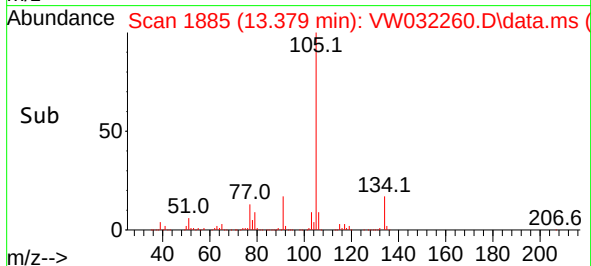
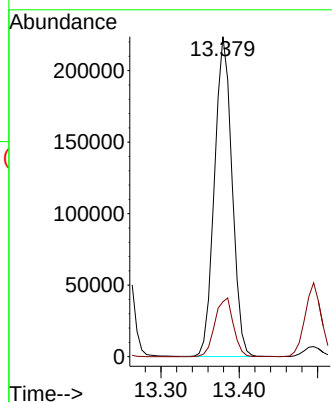
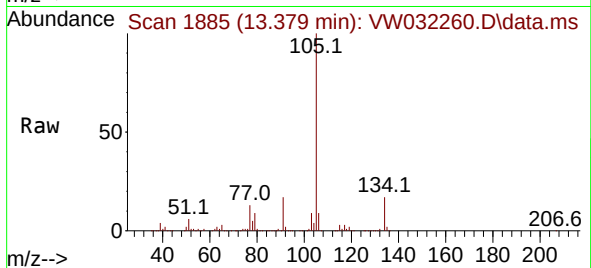
ClientSampleId :

Tgt Ion:105 Resp: 348797

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.328 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

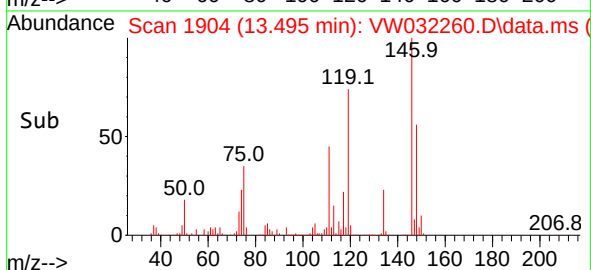
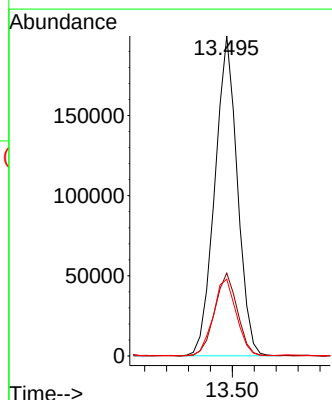
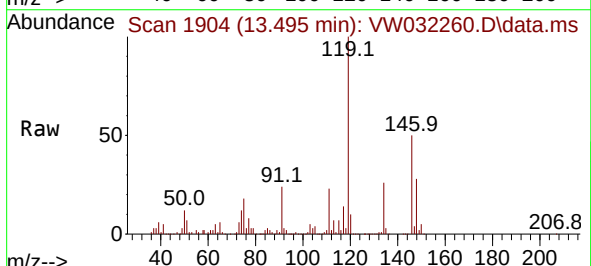
Tgt Ion:119 Resp: 284908

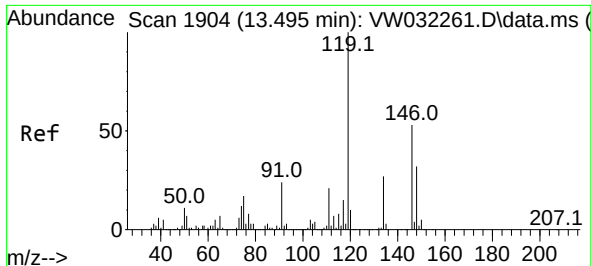
Ion Ratio Lower Upper

119 100

134 26.3 12.5 37.5

91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.601 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

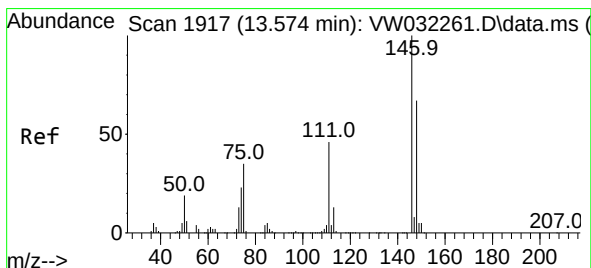
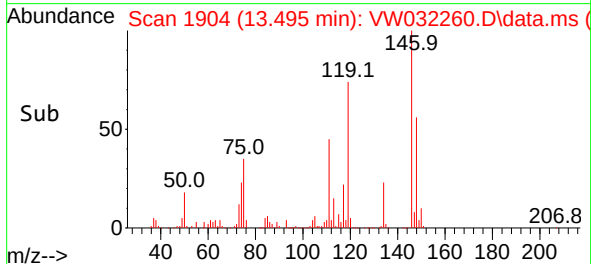
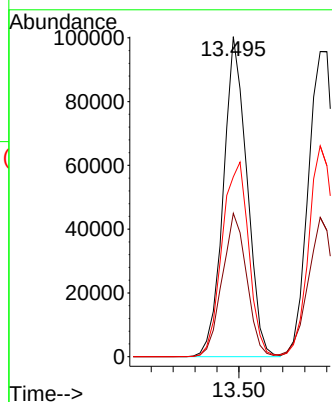
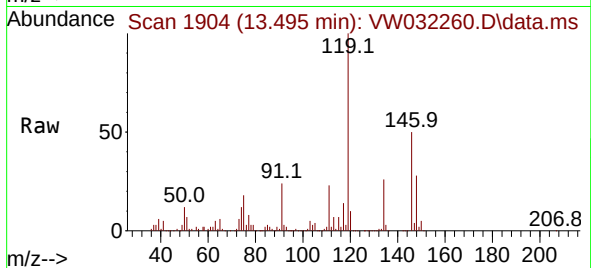
Tgt Ion:146 Resp: 150306

Ion Ratio Lower Upper

146 100

111 46.4 21.9 65.5

148 68.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.899 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

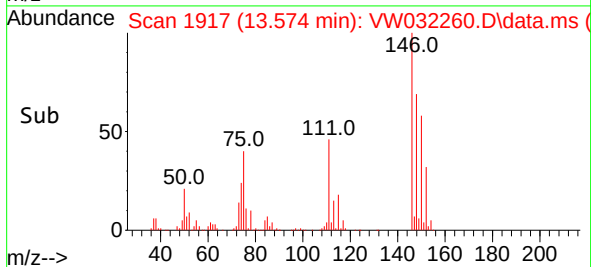
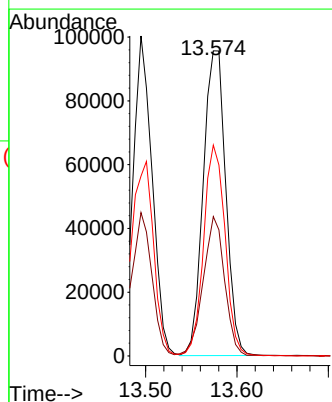
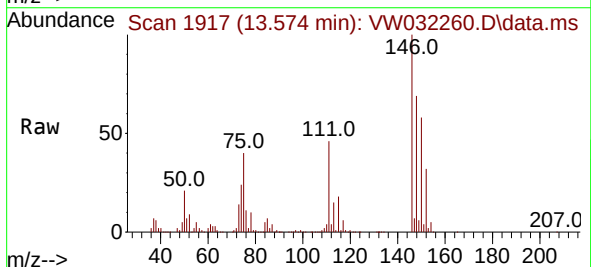
Tgt Ion:146 Resp: 163717

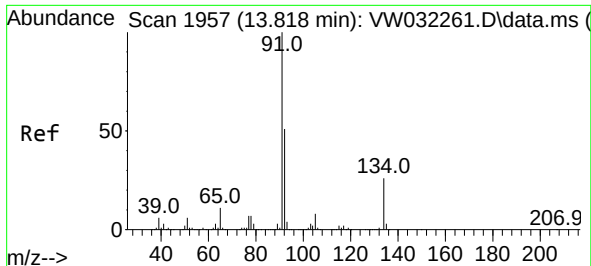
Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.2

148 65.7 34.4 103.1

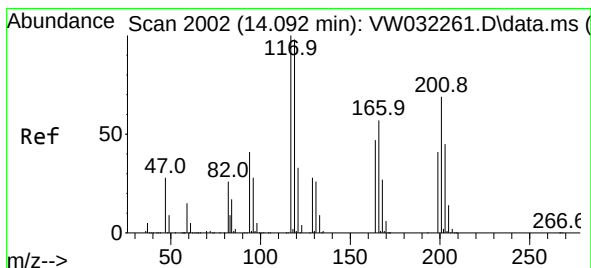
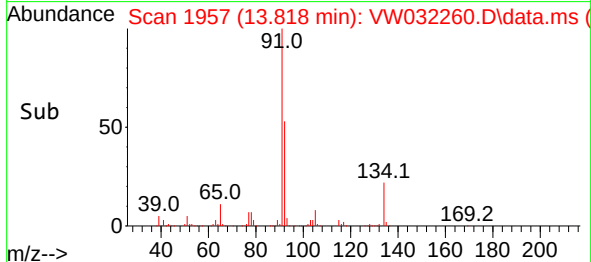
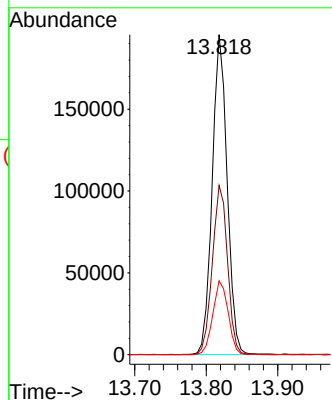
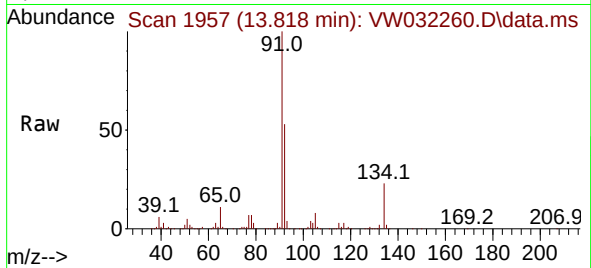




#89
n-Butylbenzene
Concen: 20.152 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

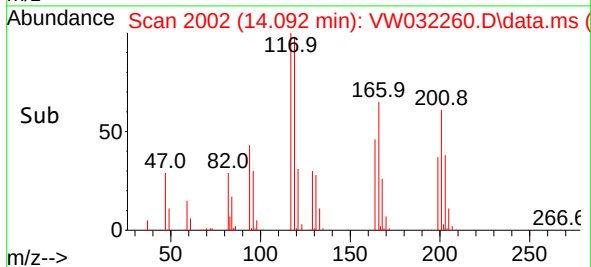
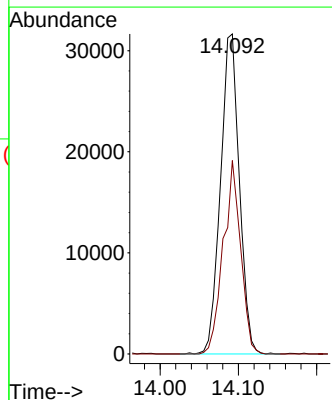
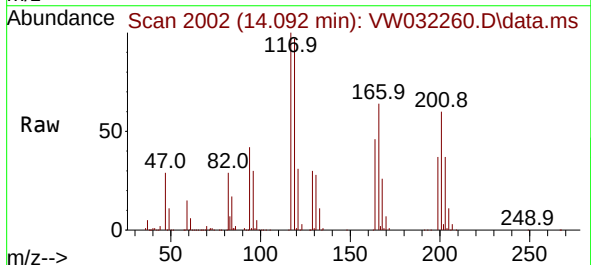
Instrument :
MSVOA_W
ClientSampleId :

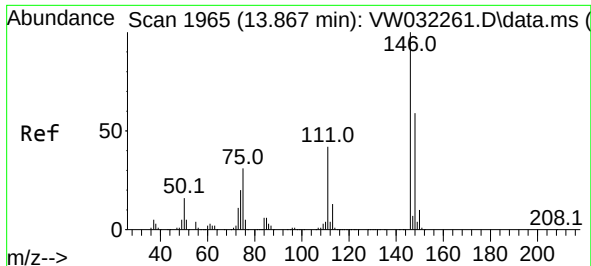
Tgt Ion: 91 Resp: 283445
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 23.7 12.3 36.8



#90
Hexachloroethane
Concen: 20.318 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 117 Resp: 53076
Ion Ratio Lower Upper
117 100
201 55.7 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 20.996 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

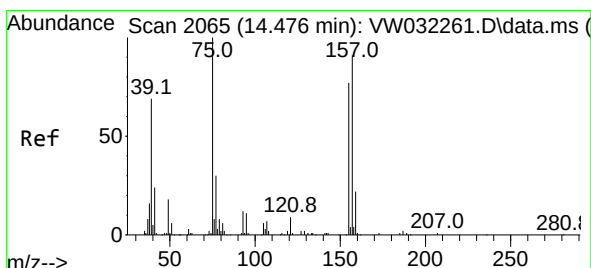
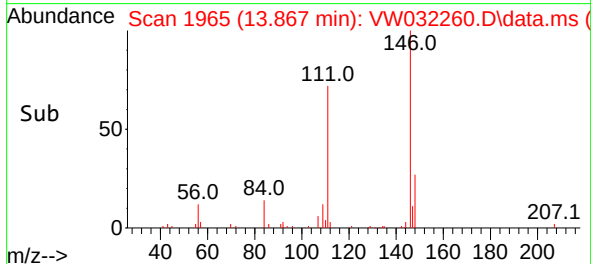
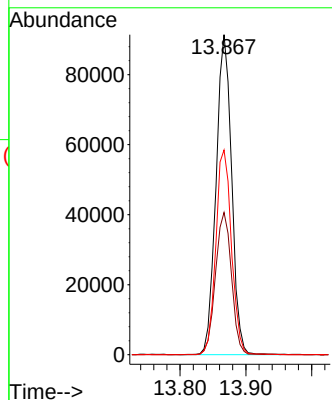
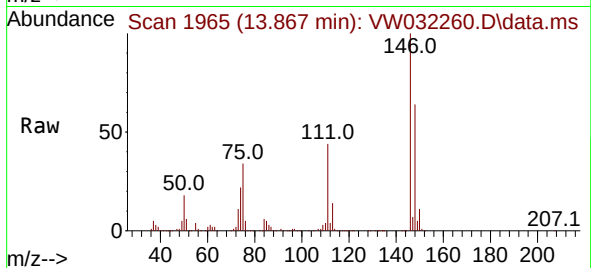
Tgt Ion:146 Resp: 150614

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.8

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.991 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

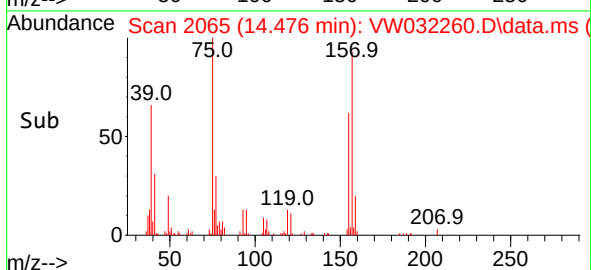
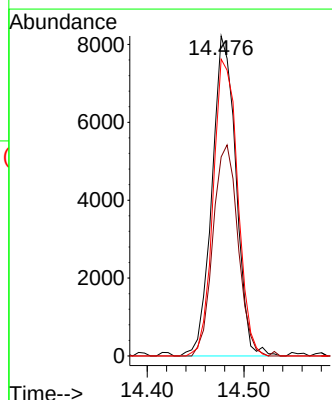
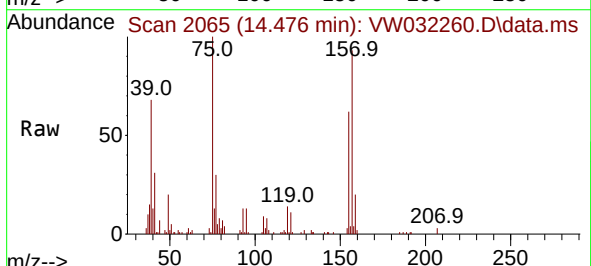
Tgt Ion: 75 Resp: 14130

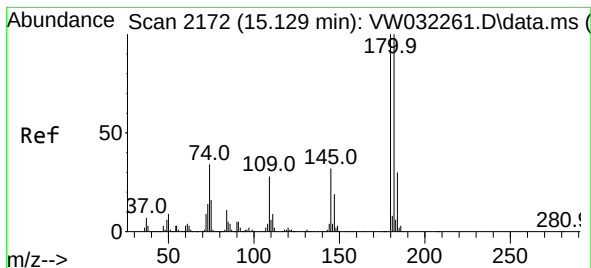
Ion Ratio Lower Upper

75 100

155 68.7 38.2 114.6

157 94.5 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 20.074 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

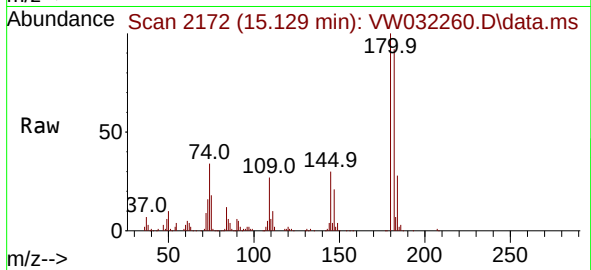
Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :



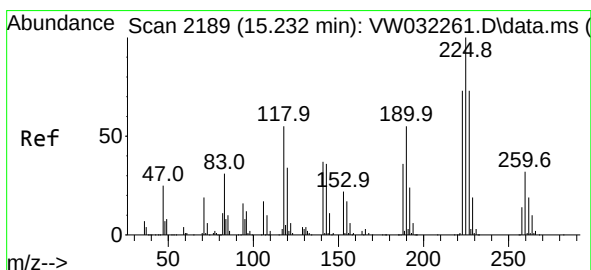
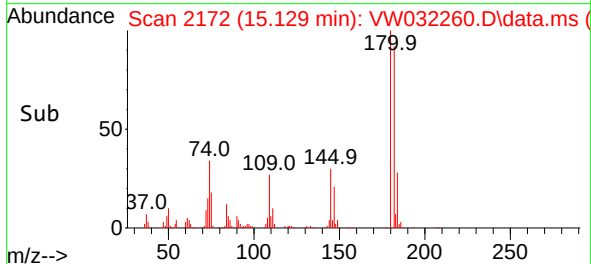
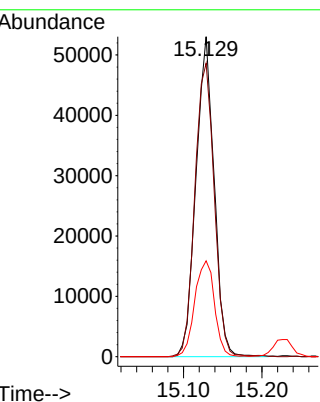
Tgt Ion:180 Resp: 85426

Ion Ratio Lower Upper

180 100

182 97.3 48.4 145.3

145 32.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 21.964 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

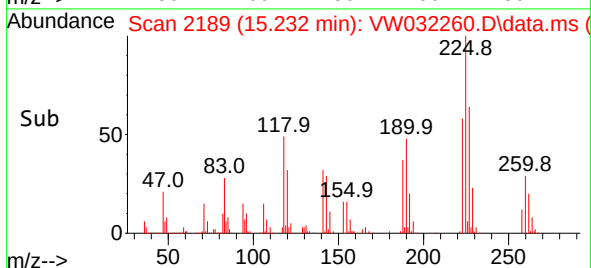
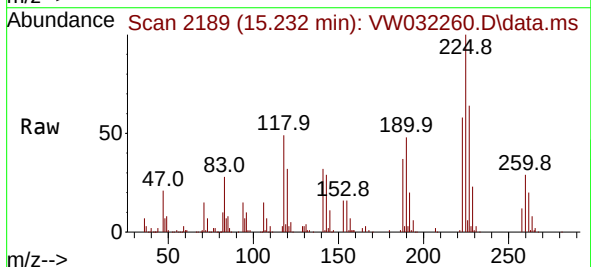
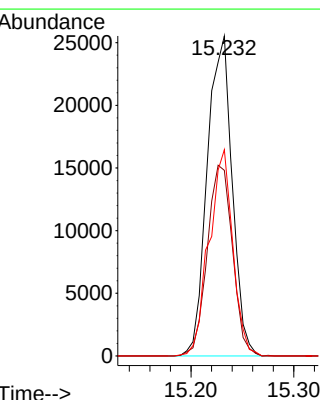
Tgt Ion:225 Resp: 42929

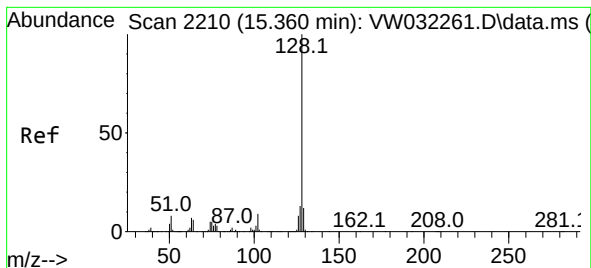
Ion Ratio Lower Upper

225 100

223 60.3 36.4 109.2

227 61.5 36.4 109.2





#95

Naphthalene

Concen: 19.971 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

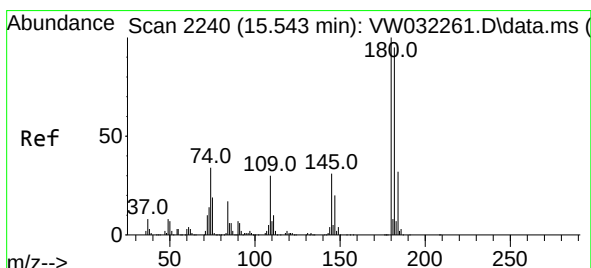
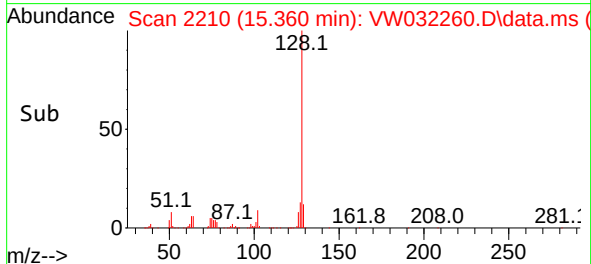
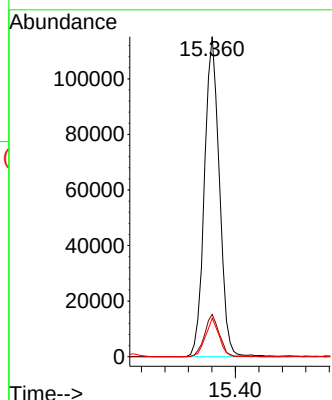
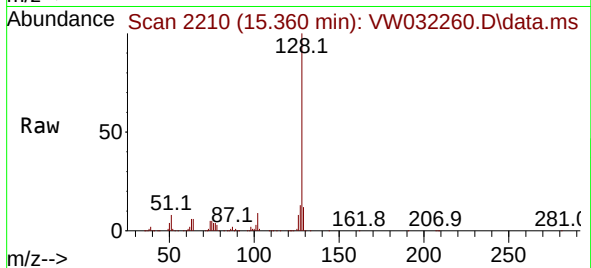
Tgt Ion:128 Resp: 203984

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.712 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032260.D

Acq: 25 Sep 2025 11:52

Tgt Ion:180 Resp: 78000

Ion Ratio Lower Upper

180 100

182 98.4 45.5 136.4

145 39.3 18.1 54.1

