

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032256.D
 Acq On : 24 Sep 2025 19:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 08:19:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	185202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	312275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	298404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137622	51.960	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.920%	
35) Dibromofluoromethane	7.904	113	113088	51.617	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.240%	
50) Toluene-d8	10.331	98	398124	51.764	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	12.617	95	149726	52.646	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	48365	39.554	ug/l	93
3) Chloromethane	2.259	50	55994	43.676	ug/l	96
4) Vinyl Chloride	2.411	62	75759	45.497	ug/l	94
5) Bromomethane	2.826	94	65689	44.176	ug/l	100
6) Chloroethane	2.972	64	56340	48.044	ug/l	99
7) Trichlorofluoromethane	3.307	101	76906	46.613	ug/l	88
8) Diethyl Ether	3.722	74	61277	49.769	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	90479	48.681	ug/l	100
10) Methyl Iodide	4.313	142	141154	49.877	ug/l	100
11) Tert butyl alcohol	5.222	59	38659	238.621	ug/l	99
12) 1,1-Dichloroethene	4.082	96	97011	49.562	ug/l	98
13) Acrolein	3.929	56	6640	26.663	ug/l	84
14) Allyl chloride	4.710	41	134336	48.317	ug/l	100
15) Acrylonitrile	5.405	53	163696	273.461	ug/l	98
16) Acetone	4.161	43	123683	215.619	ug/l	100
17) Carbon Disulfide	4.423	76	214594	43.834	ug/l	100
18) Methyl Acetate	4.710	43	134719	73.712	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	202426	54.766	ug/l	98
20) Methylene Chloride	4.960	84	123790	53.097	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	111017	50.772	ug/l	93
22) Diisopropyl ether	6.343	45	327621	54.141	ug/l	99
23) Vinyl Acetate	6.289	43	982934	238.914	ug/l	99
24) 1,1-Dichloroethane	6.252	63	208593	52.655	ug/l	100
25) 2-Butanone	7.197	43	217685	267.810	ug/l	94
26) 2,2-Dichloropropane	7.191	77	97345	46.401	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	141252	53.087	ug/l	98
28) Bromochloromethane	7.532	49	94953	52.360	ug/l	96
29) Tetrahydrofuran	7.557	42	141667	274.269	ug/l	99
30) Chloroform	7.697	83	242542	53.624	ug/l	100
31) Cyclohexane	7.971	56	144727	44.510	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	170575	51.662	ug/l	99
36) 1,1-Dichloropropene	8.099	75	147960	52.086	ug/l	99
37) Ethyl Acetate	7.276	43	86770	50.919	ug/l	99
38) Carbon Tetrachloride	8.087	117	154848	50.849	ug/l	99
39) Methylcyclohexane	9.343	83	168995	50.227	ug/l	99
40) Benzene	8.337	78	475029	54.098	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	54138	57.182	ug/l	94
42) 1,2-Dichloroethane	8.416	62	167394	54.991	ug/l	100
43) Isopropyl Acetate	8.441	43	168058	52.569	ug/l	98
44) Trichloroethene	9.105	130	118931	53.858	ug/l	84
45) 1,2-Dichloropropane	9.373	63	116074	54.836	ug/l	98
46) Dibromomethane	9.465	93	82731	55.724	ug/l	96
47) Bromodichloromethane	9.654	83	184997	54.832	ug/l	91
48) Methyl methacrylate	9.447	41	81125	55.064	ug/l	94
49) 1,4-Dioxane	9.465	88	19282	1074.911	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	516678	286.226	ug/l	100
52) Toluene	10.392	92	306004	53.329	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	159321	53.529	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	180768	53.228	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	109433	56.683	ug/l	96
56) Ethyl methacrylate	10.648	69	142009	57.535	ug/l	99
57) 1,3-Dichloropropane	10.934	76	179878	55.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	391195	296.939	ug/l	100
59) 2-Hexanone	10.971	43	361289	287.782	ug/l	100
60) Dibromochloromethane	11.129	129	130907	56.036	ug/l	99
61) 1,2-Dibromoethane	11.239	107	106650	56.174	ug/l	98
64) Tetrachloroethene	10.867	164	108769	55.382	ug/l	98
65) Chlorobenzene	11.660	112	353230	52.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	123700	55.318	ug/l	97
67) Ethyl Benzene	11.733	91	599619	53.882	ug/l	98
68) m/p-Xylenes	11.842	106	462709	108.036	ug/l	99
69) o-Xylene	12.166	106	218665	53.976	ug/l	99
70) Styrene	12.178	104	399555	55.949	ug/l	97
71) Bromoform	12.349	173	73295	55.187	ug/l #	98
73) Isopropylbenzene	12.464	105	555253	50.820	ug/l	99
74) N-amyl acetate	12.269	43	151969	47.908	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	133849	51.549	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	167939	83.352	ug/l	39
77) Bromobenzene	12.745	156	147313	52.873	ug/l	96
78) n-propylbenzene	12.806	91	684768	51.623	ug/l	99
79) 2-Chlorotoluene	12.891	91	416791	51.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	477537	51.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	36806	49.185	ug/l	100
82) 4-Chlorotoluene	12.989	91	446930	51.474	ug/l	99
83) tert-Butylbenzene	13.202	119	418251	53.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	485584	50.738	ug/l	99
85) sec-Butylbenzene	13.379	105	599818	51.220	ug/l	100
86) p-Isopropyltoluene	13.495	119	510555	51.267	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	291319	51.929	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	292388	51.998	ug/l	94
89) n-Butylbenzene	13.818	91	489588	51.565	ug/l	97
90) Hexachloroethane	14.092	117	91652	50.314	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	266065	53.568	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	23115	50.391	ug/l	97
93) 1,2,4-Trichlorobenzene	15.128	180	156620	49.355	ug/l	95
94) Hexachlorobutadiene	15.226	225	74537	47.360	ug/l	94
95) Naphthalene	15.360	128	397687	55.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	147916	50.121	ug/l	98

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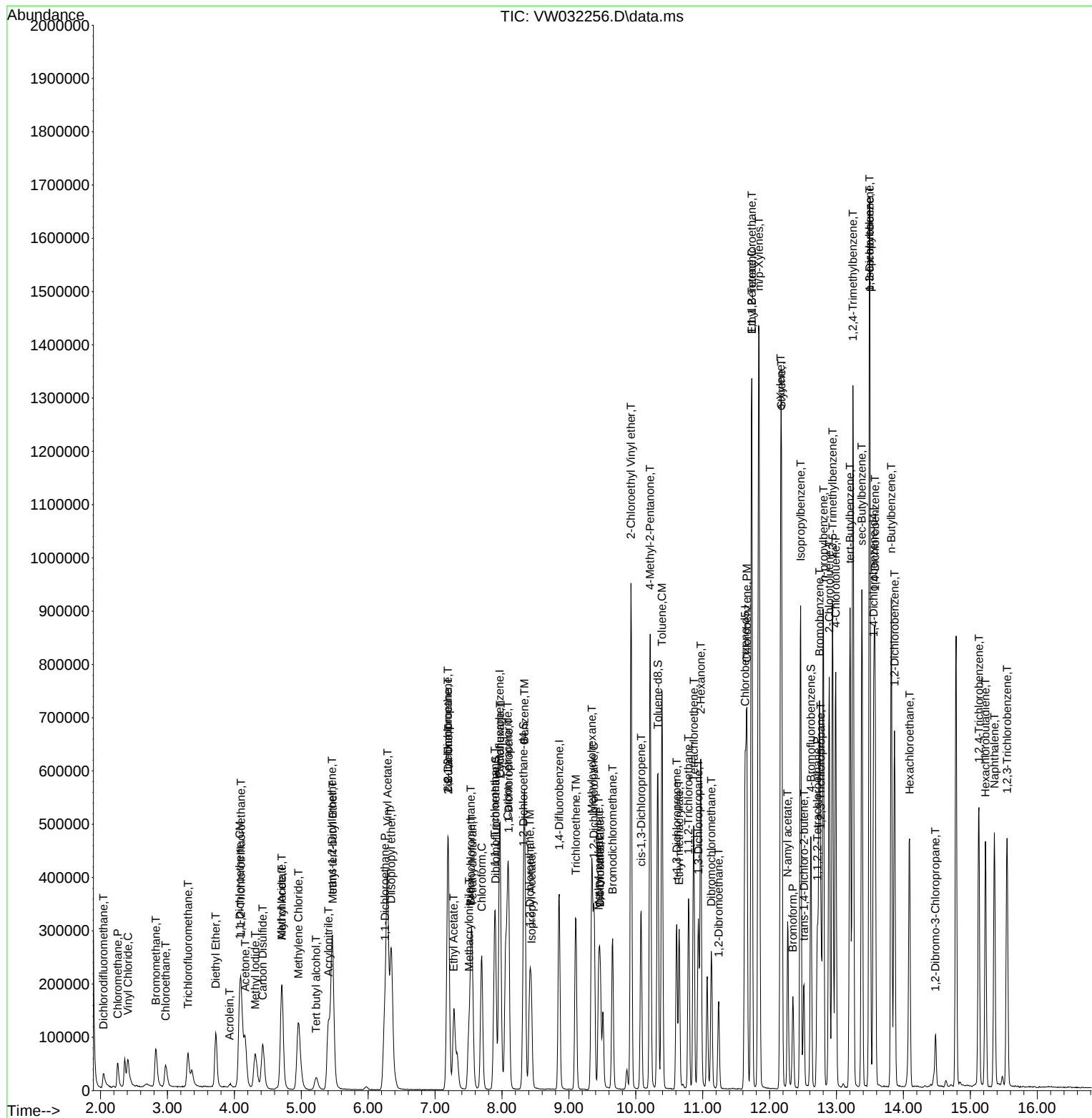
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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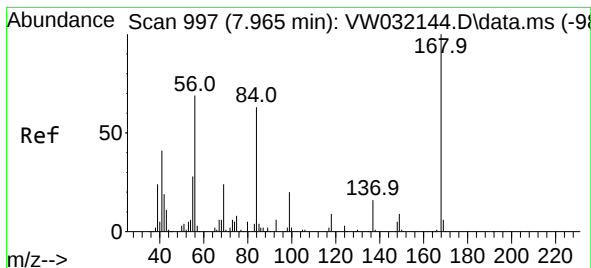
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

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Instrument :

MSVOA_W

ClientSampleId :

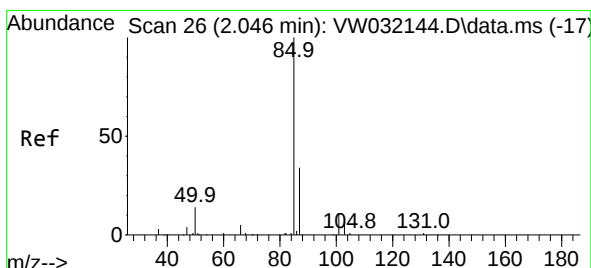
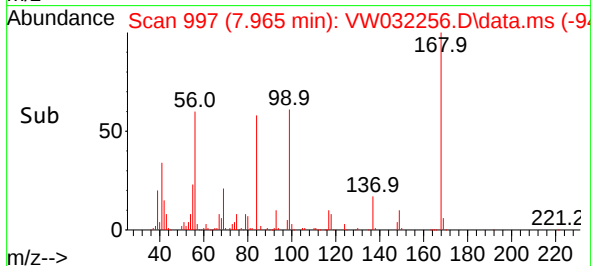
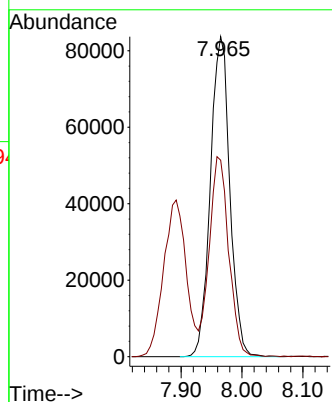
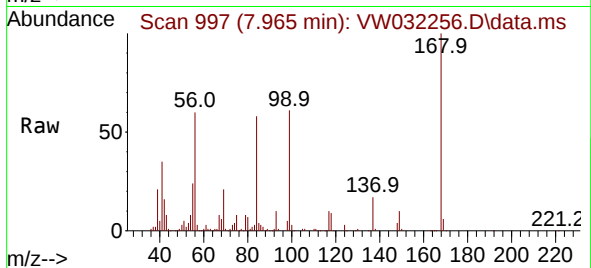
VSTDCCC050EC

Tgt Ion:168 Resp: 185202

Ion Ratio Lower Upper

168 100

99 61.3 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 39.554 ug/l

RT: 2.045 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032256.D

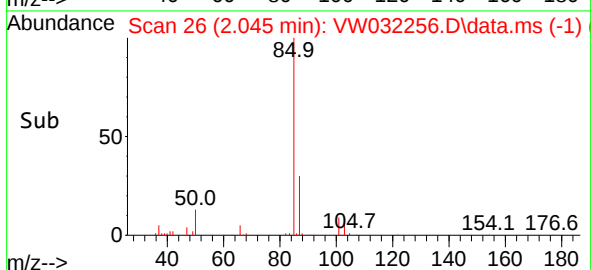
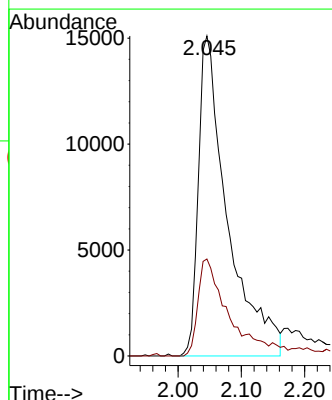
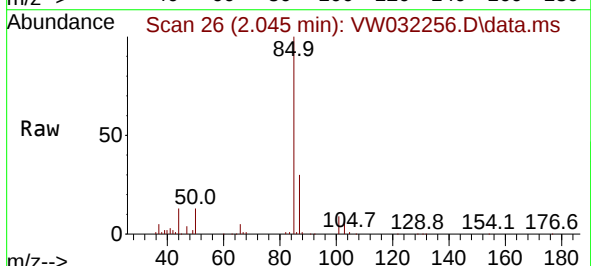
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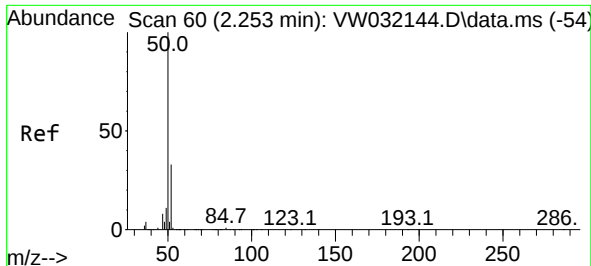
Tgt Ion: 85 Resp: 48365

Ion Ratio Lower Upper

85 100

87 30.3 17.2 51.6

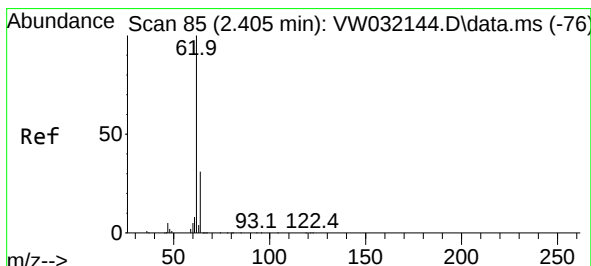
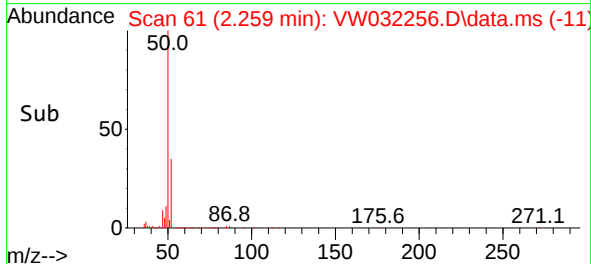
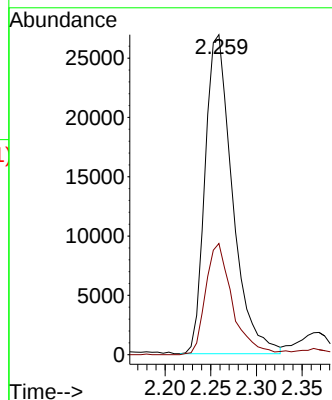
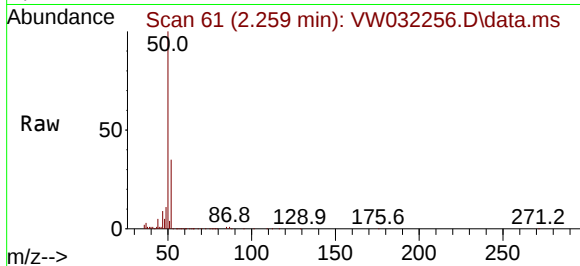




#3
Chloromethane
Concen: 43.676 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032256.D
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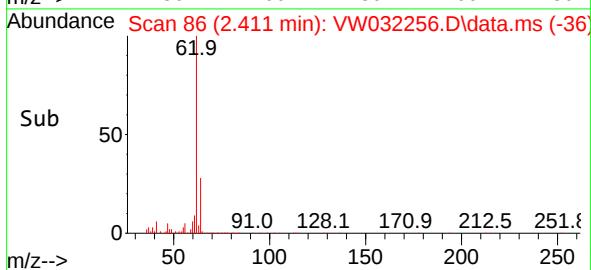
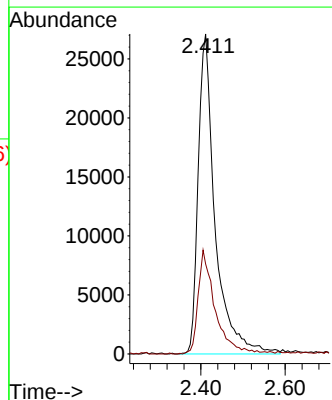
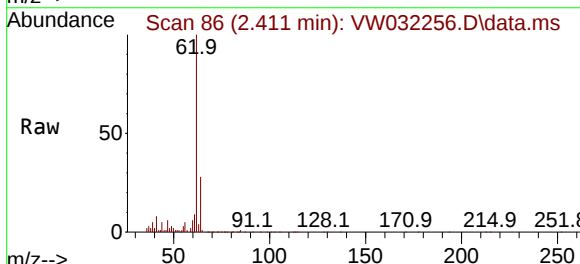
Instrument :
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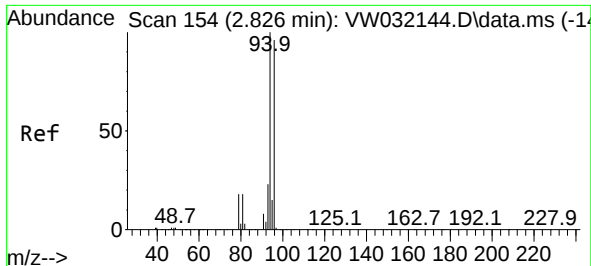
Tgt Ion: 50 Resp: 55994
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1



#4
Vinyl Chloride
Concen: 45.497 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032256.D
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Tgt Ion: 62 Resp: 75759
Ion Ratio Lower Upper
62 100
64 27.9 24.8 37.2

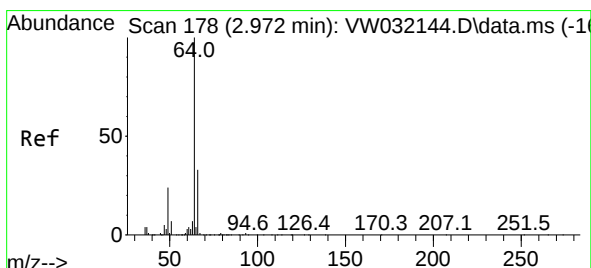
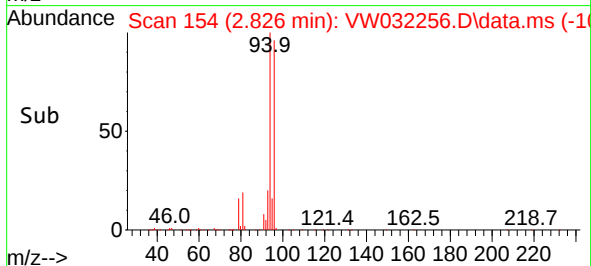
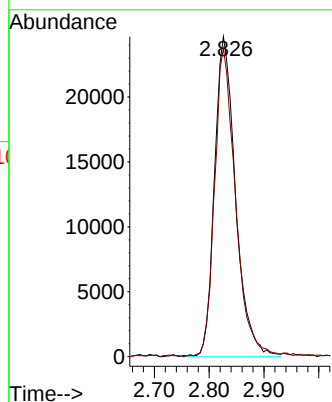
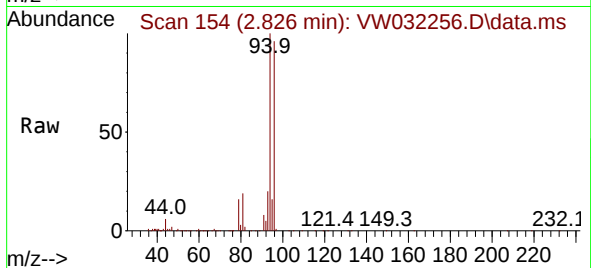




#5
Bromomethane
Concen: 44.176 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
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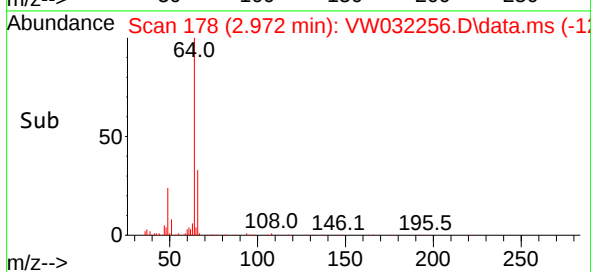
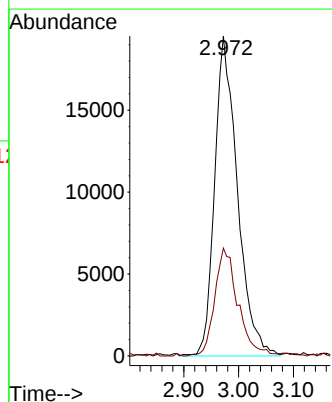
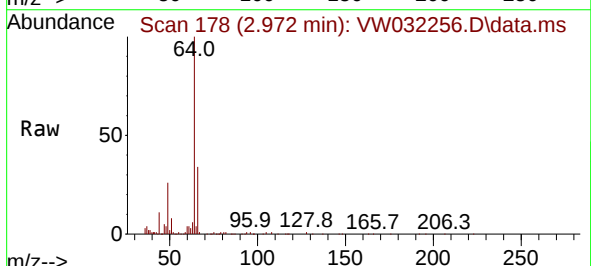
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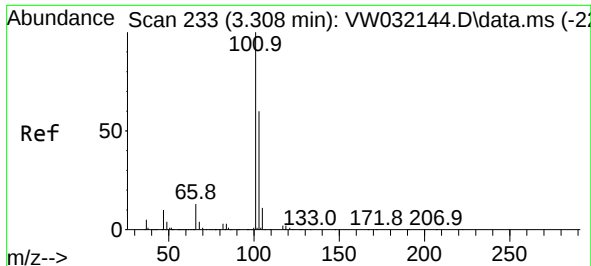
Tgt Ion: 94 Resp: 65689
Ion Ratio Lower Upper
94 100
96 96.1 76.6 115.0



#6
Chloroethane
Concen: 48.044 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 56340
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

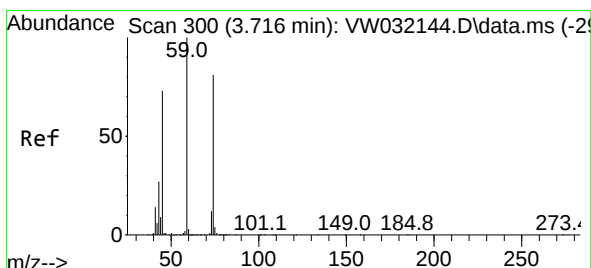
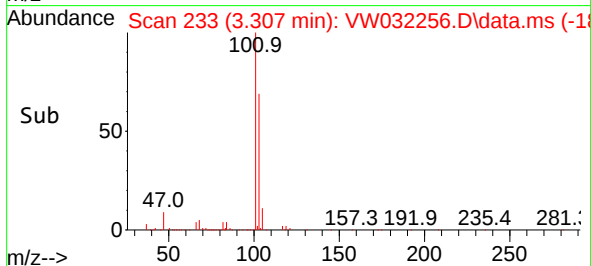
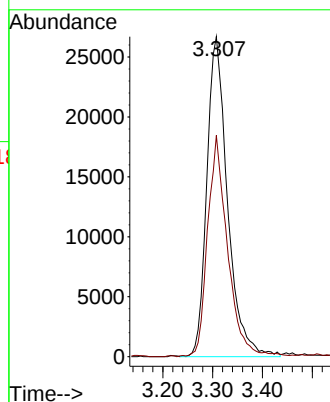
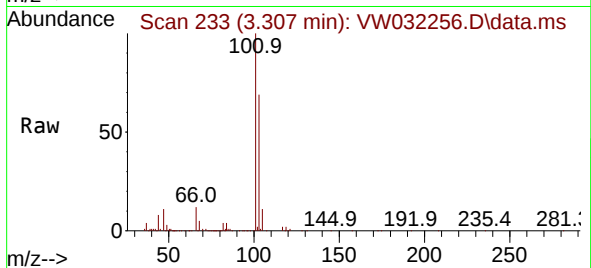




#7
 Trichlorofluoromethane
 Concen: 46.613 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032256.D
 Acq: 24 Sep 2025 19:46

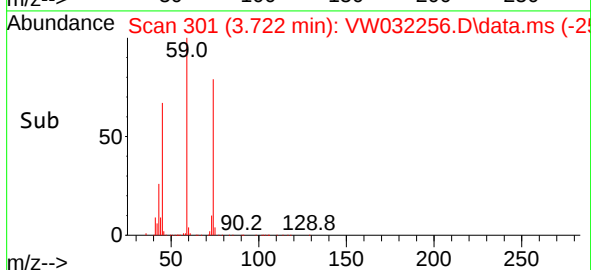
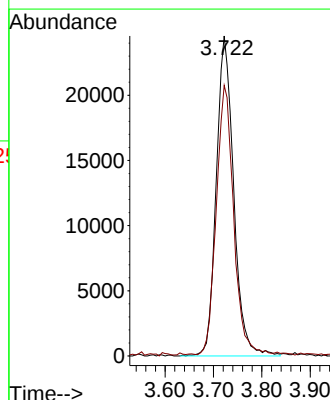
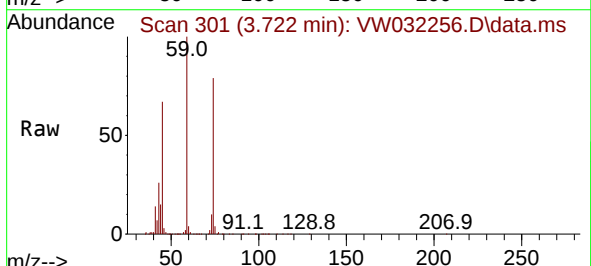
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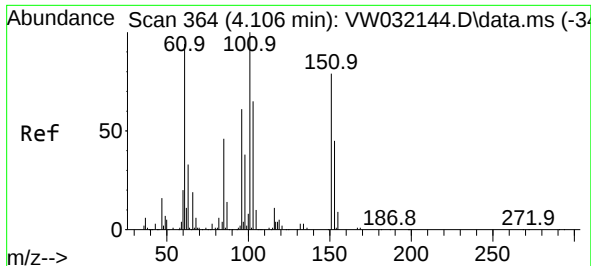
Tgt Ion:101 Resp: 76906
 Ion Ratio Lower Upper
 101 100
 103 69.1 47.8 71.8



#8
 Diethyl Ether
 Concen: 49.769 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 61277
 Ion Ratio Lower Upper
 74 100
 45 83.8 43.1 129.4

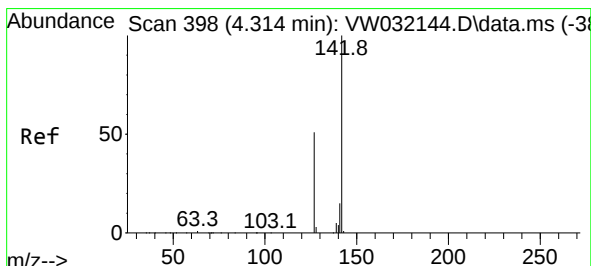
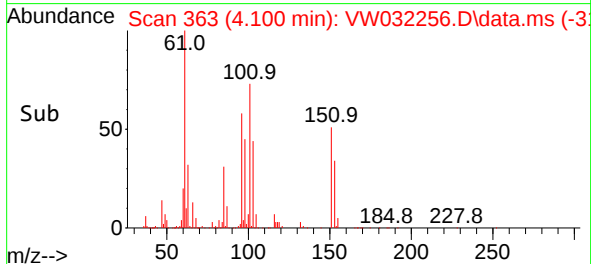
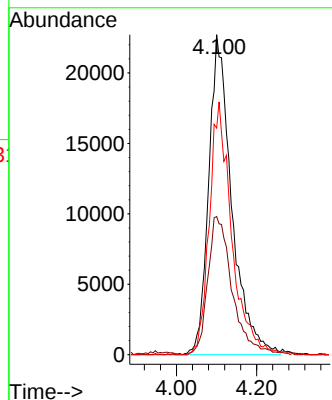
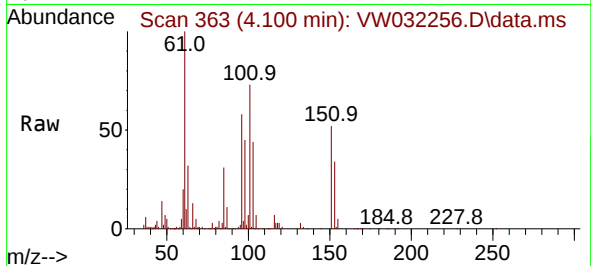




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.681 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

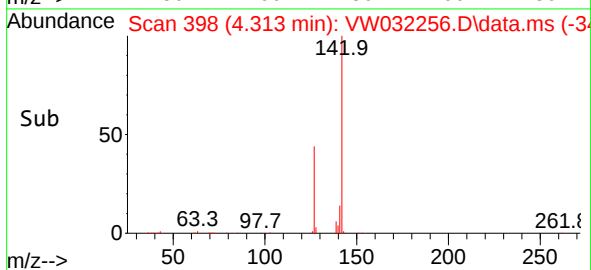
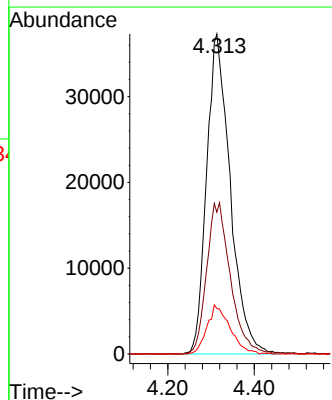
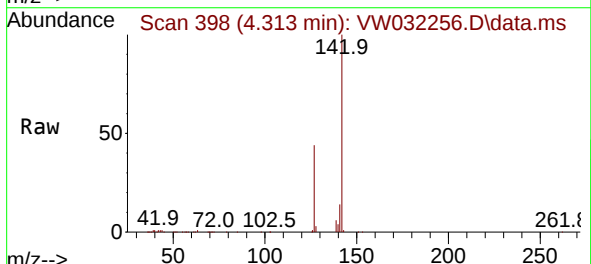
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

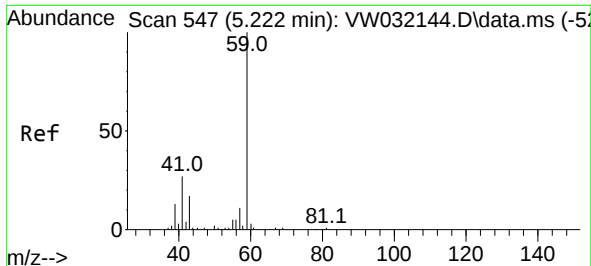
Tgt Ion:101 Resp: 90479
Ion Ratio Lower Upper
101 100
85 45.9 37.1 55.7
151 76.7 61.5 92.3



#10
Methyl Iodide
Concen: 49.877 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:142 Resp: 141154
Ion Ratio Lower Upper
142 100
127 47.6 38.2 57.2
141 14.9 12.2 18.2

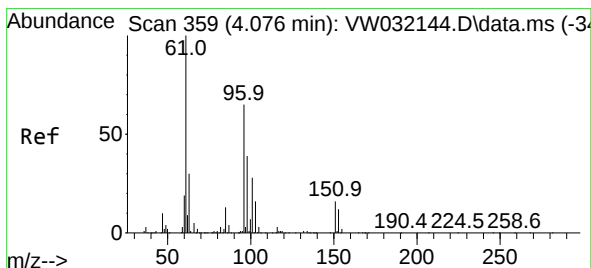
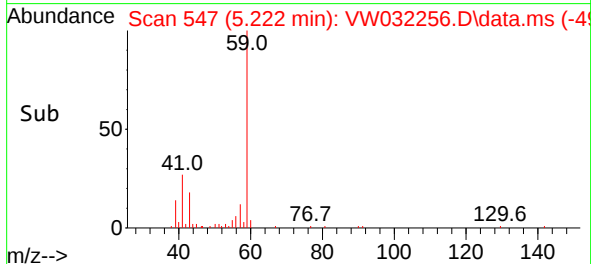
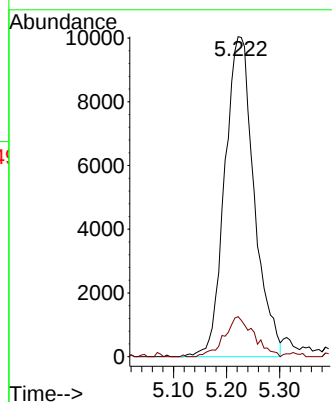
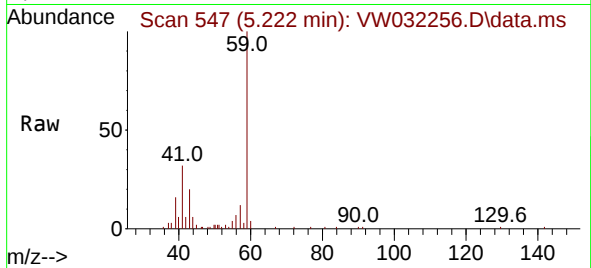




#11
Tert butyl alcohol
Concen: 238.621 ug/l
RT: 5.222 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

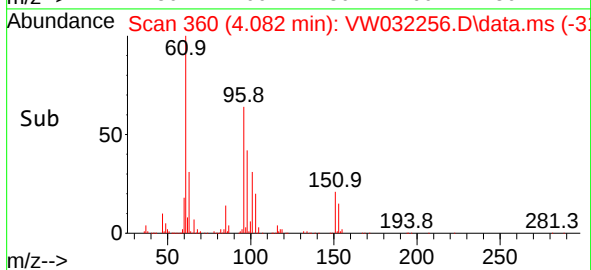
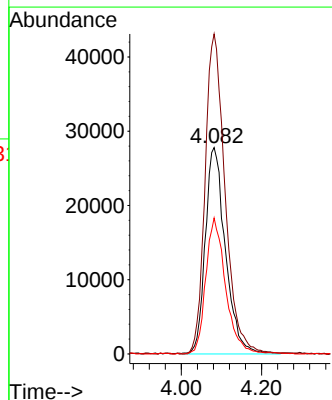
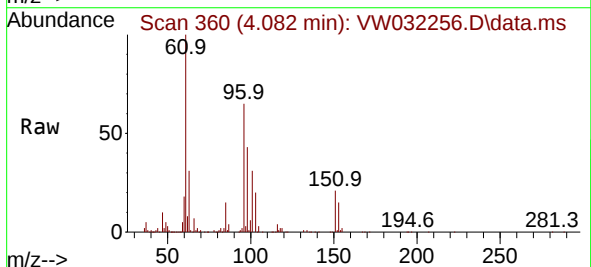
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

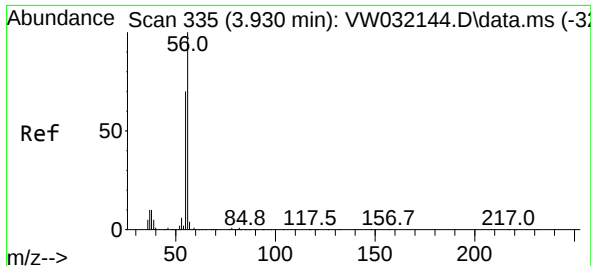
Tgt Ion: 59 Resp: 38659
Ion Ratio Lower Upper
59 100
57 12.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 49.562 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 96 Resp: 97011
Ion Ratio Lower Upper
96 100
61 154.6 123.0 184.4
98 65.9 48.5 72.7

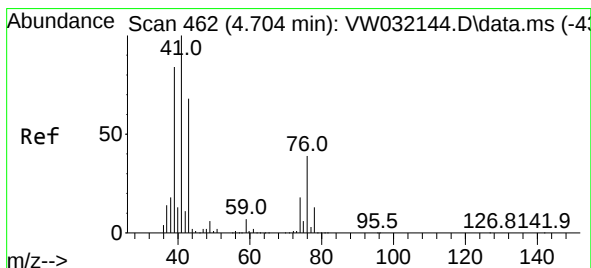
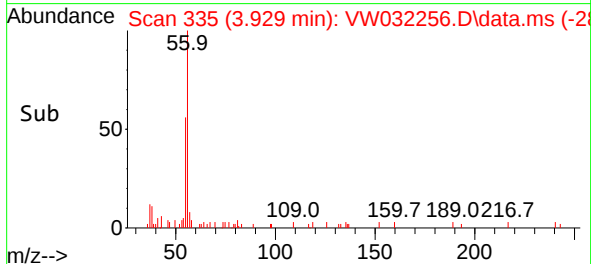
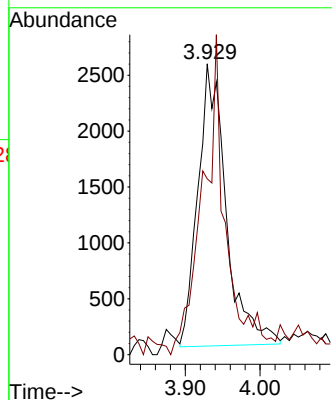
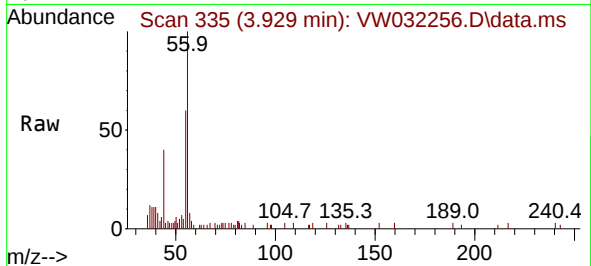




#13
Acrolein
Concen: 26.663 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

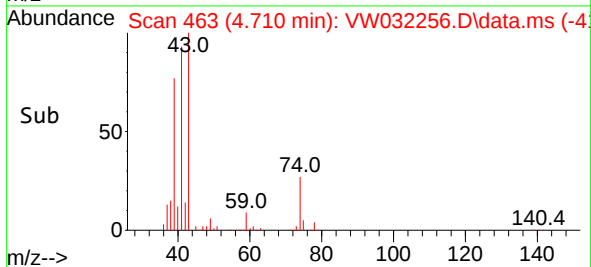
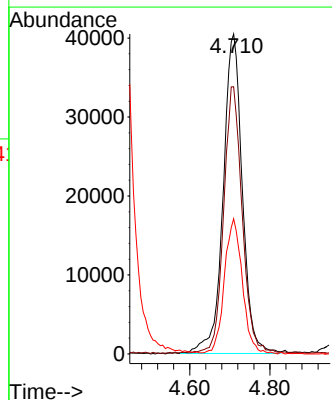
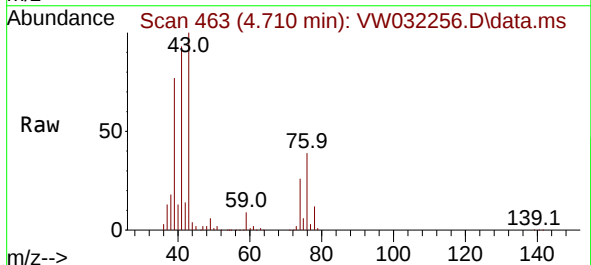
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

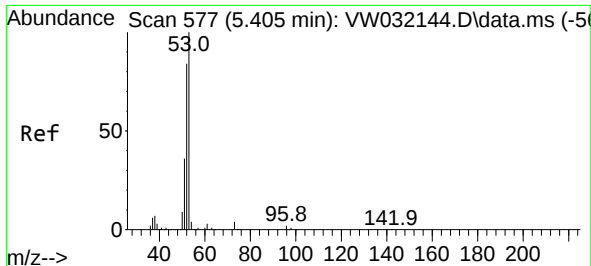
Tgt Ion: 56 Resp: 6640
Ion Ratio Lower Upper
56 100
55 83.5 56.4 84.6



#14
Allyl chloride
Concen: 48.317 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 41 Resp: 134336
Ion Ratio Lower Upper
41 100
39 80.0 64.1 96.1
76 39.8 31.4 47.2

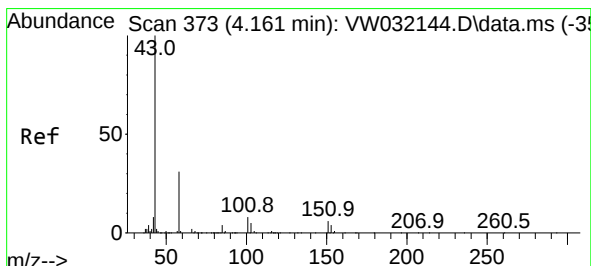
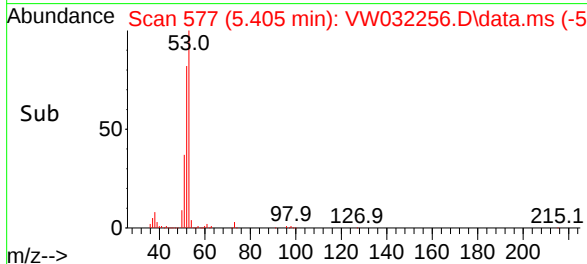
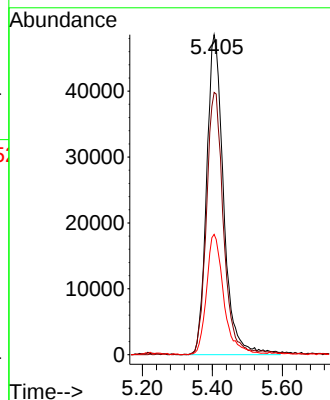
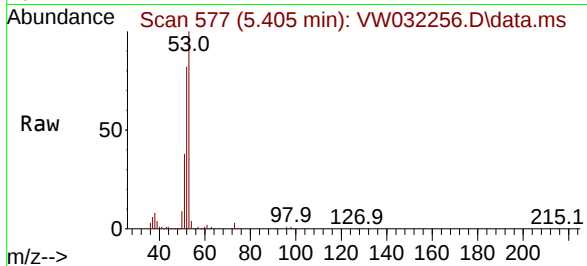




#15
Acrylonitrile
Concen: 273.461 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

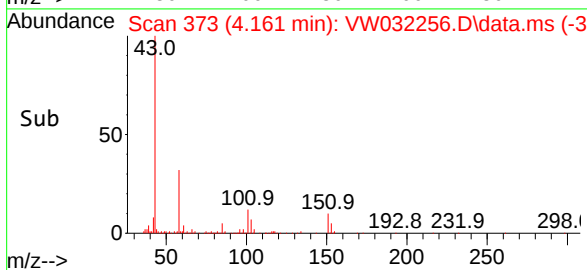
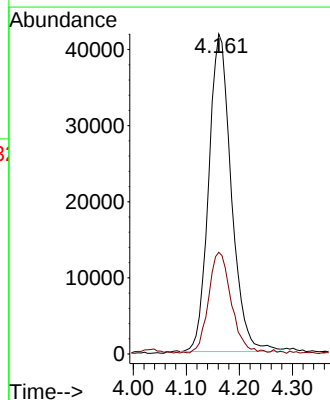
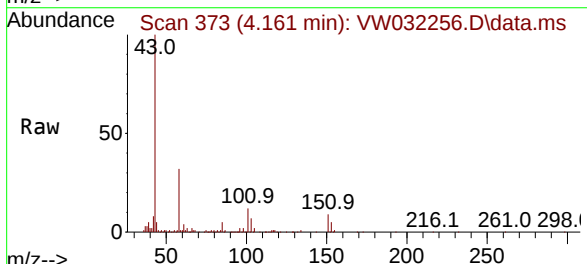
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

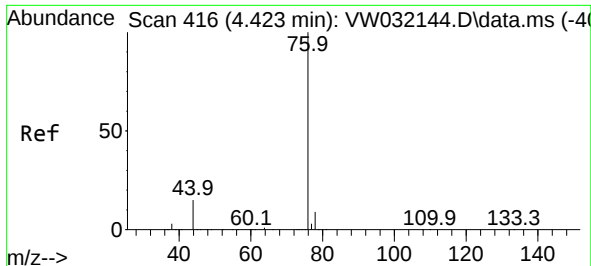
Tgt Ion: 53 Resp: 163696
Ion Ratio Lower Upper
53 100
52 81.9 67.4 101.2
51 38.5 30.3 45.5



#16
Acetone
Concen: 215.619 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 43 Resp: 123683
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9

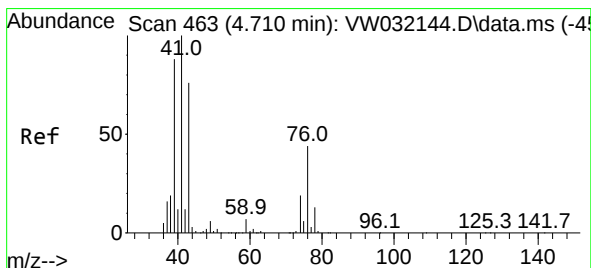
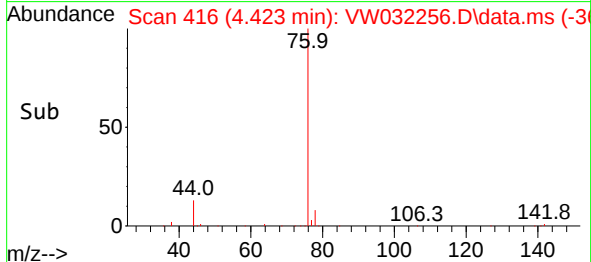
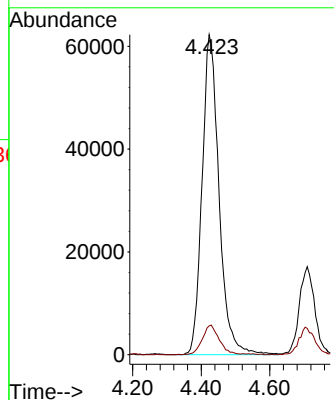
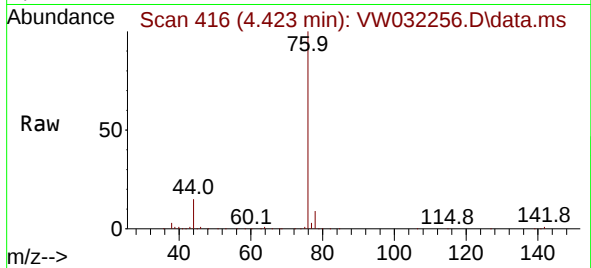




#17
Carbon Disulfide
Concen: 43.834 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

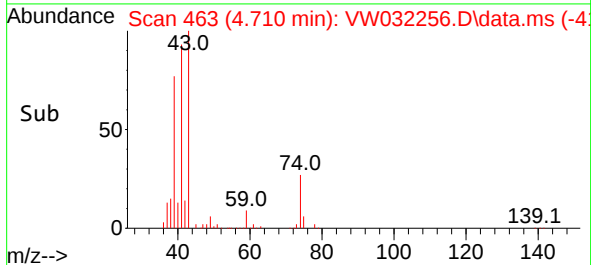
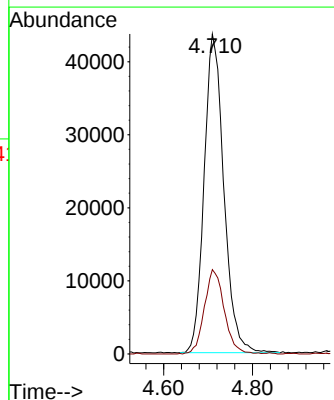
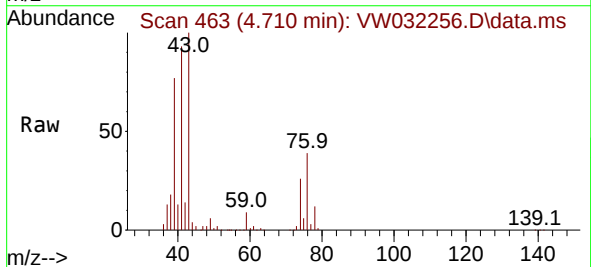
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

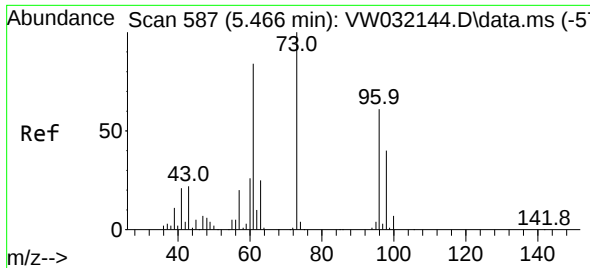
Tgt Ion: 76 Resp: 214594
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 73.712 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 43 Resp: 134719
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.4

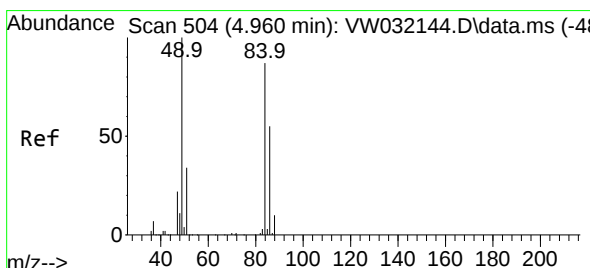
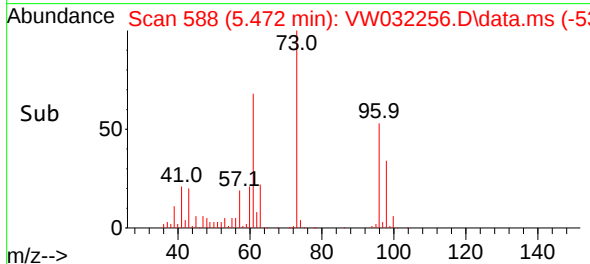
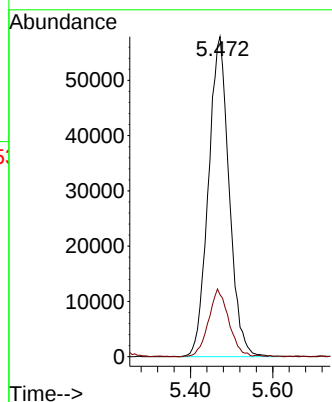
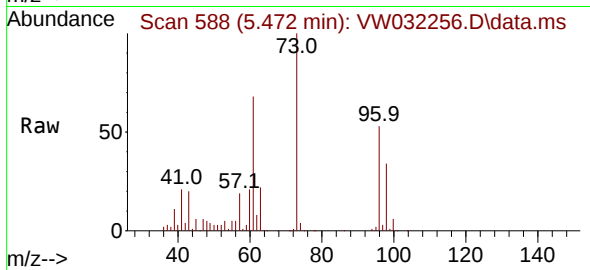




#19
Methyl tert-butyl Ether
Concen: 54.766 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

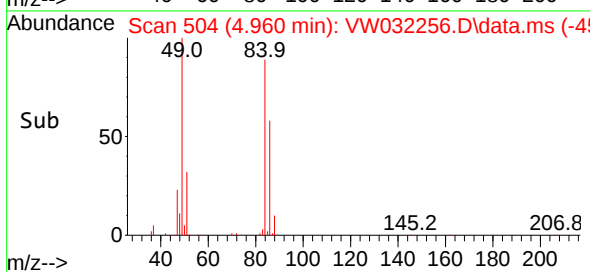
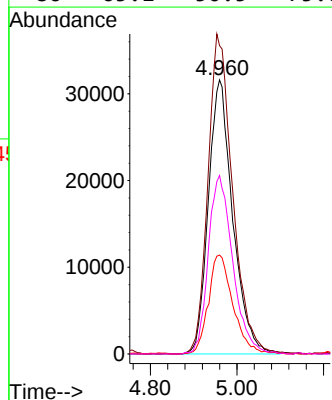
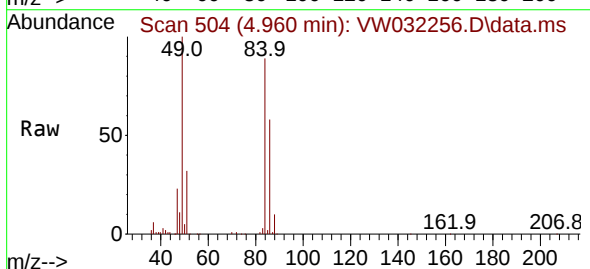
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

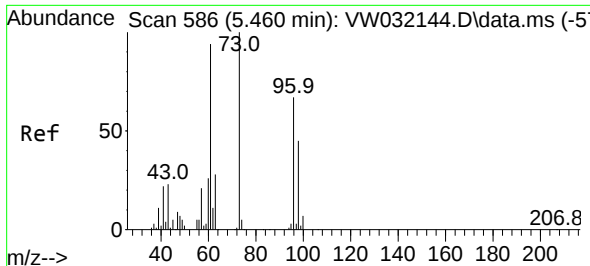
Tgt Ion: 73 Resp: 202426
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.4



#20
Methylene Chloride
Concen: 53.097 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 84 Resp: 123790
Ion Ratio Lower Upper
84 100
49 112.3 92.2 138.4
51 36.1 31.0 46.6
86 65.1 50.5 75.7

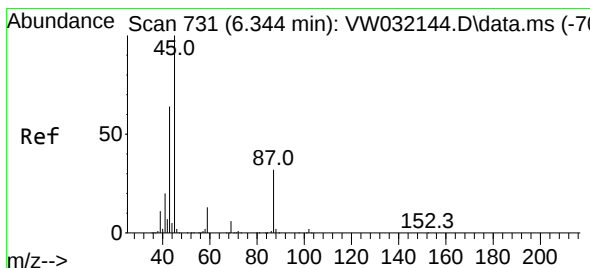
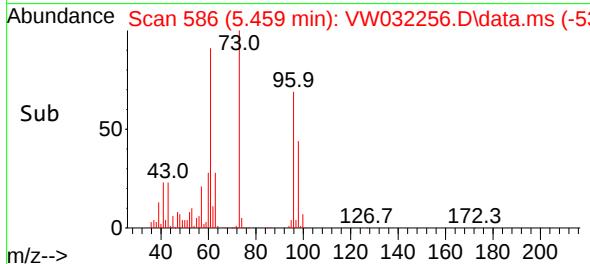
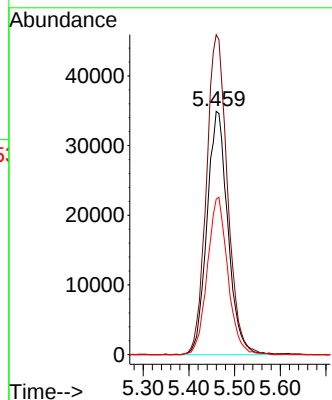
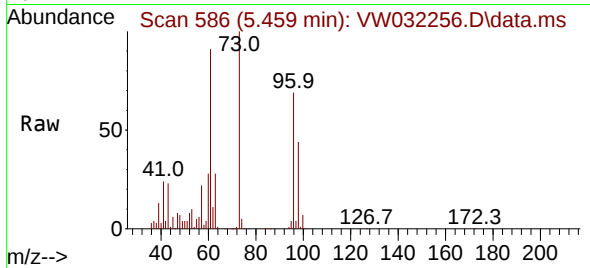




#21
trans-1,2-Dichloroethene
Concen: 50.772 ug/l
RT: 5.459 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

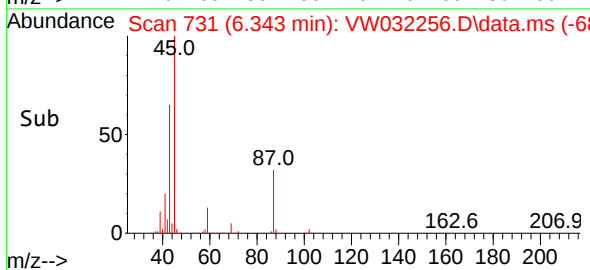
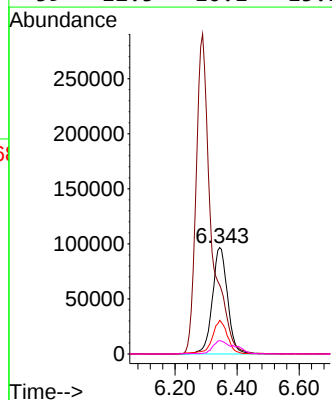
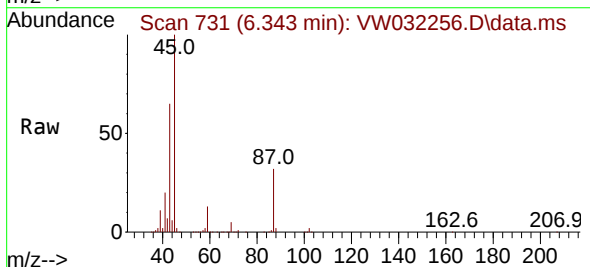
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

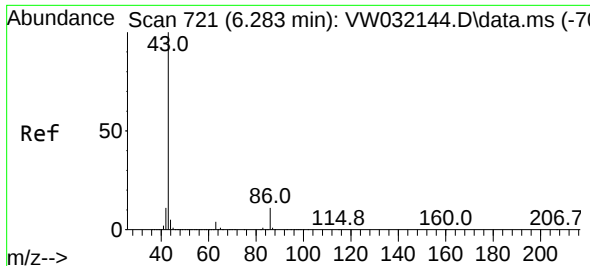
Tgt Ion: 96 Resp: 111017
Ion Ratio Lower Upper
96 100
61 131.5 112.5 168.7
98 63.9 54.2 81.4



#22
Diisopropyl ether
Concen: 54.141 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 45 Resp: 327621
Ion Ratio Lower Upper
45 100
43 64.5 51.4 77.2
87 31.6 25.9 38.9
59 12.5 10.1 15.1

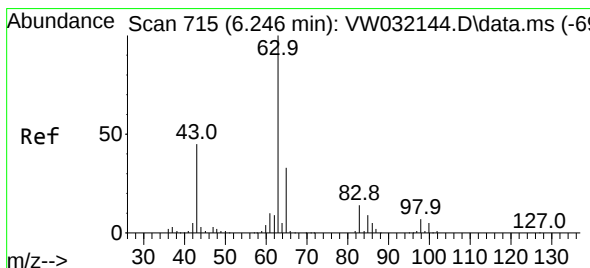
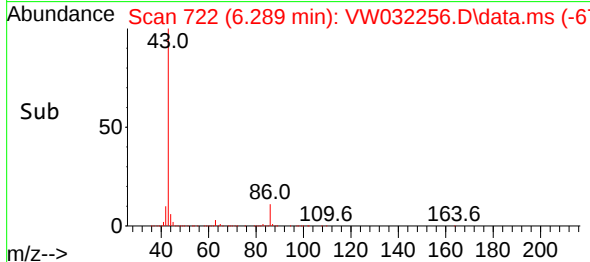
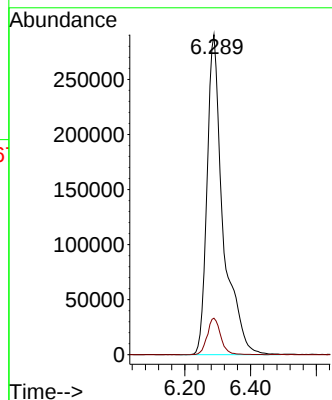
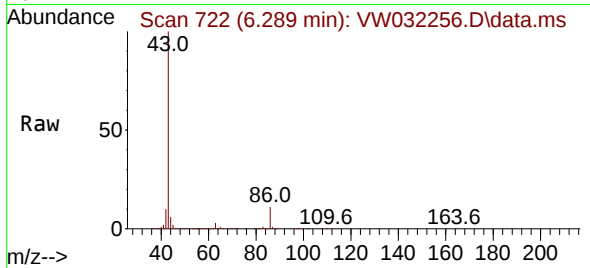




#23
 Vinyl Acetate
 Concen: 238.914 ug/l
 RT: 6.289 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032256.D
 Acq: 24 Sep 2025 19:46

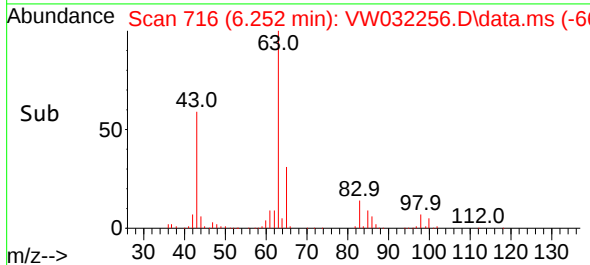
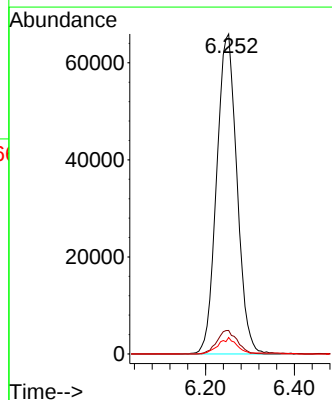
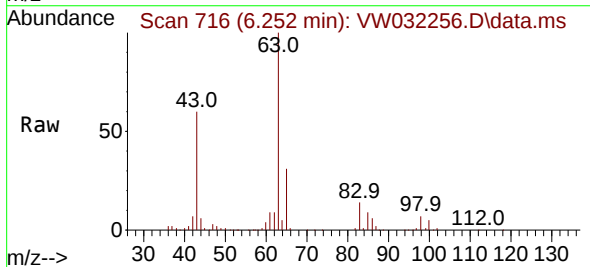
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

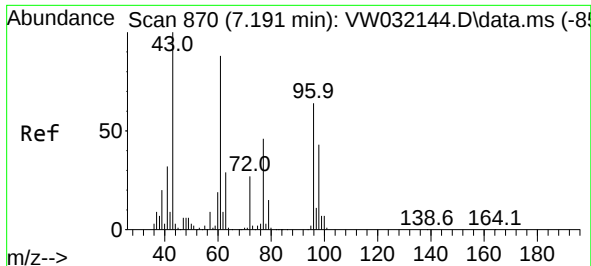
Tgt Ion: 43 Resp: 982934
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 52.655 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032256.D
 Acq: 24 Sep 2025 19:46

Tgt Ion: 63 Resp: 208593
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.2 2.5 7.5

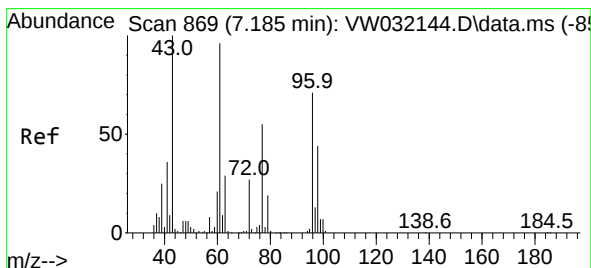
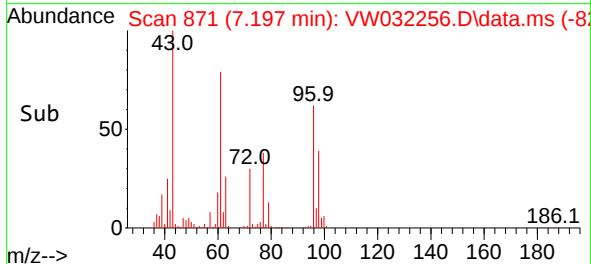
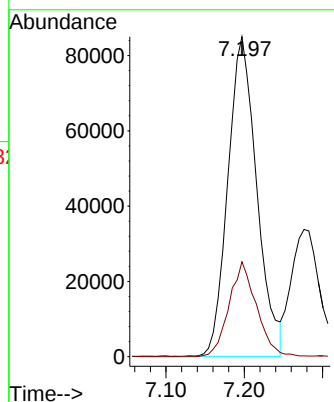
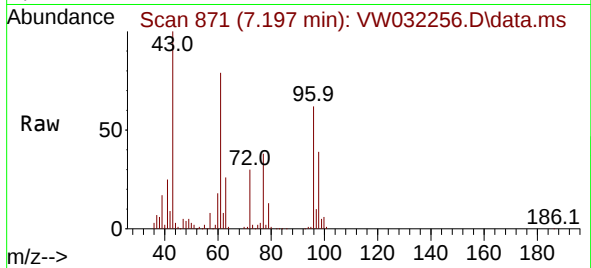




#25
2-Butanone
Concen: 267.810 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

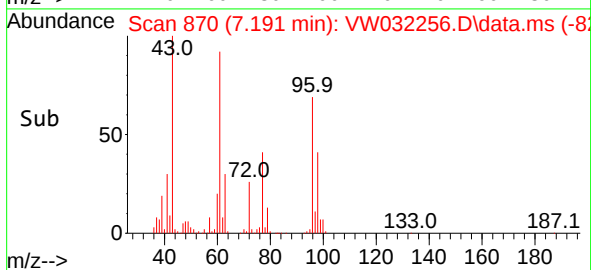
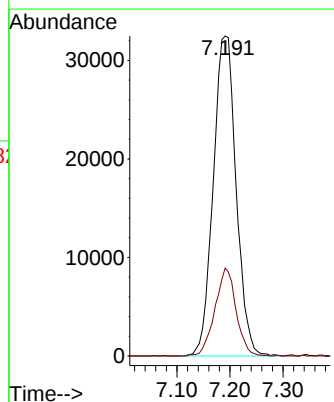
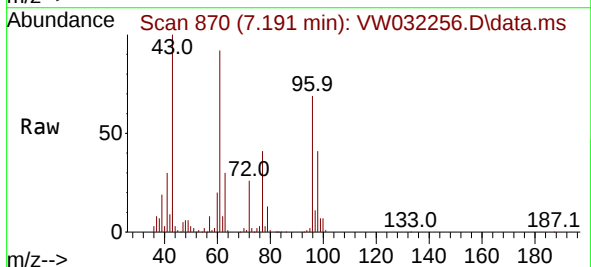
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

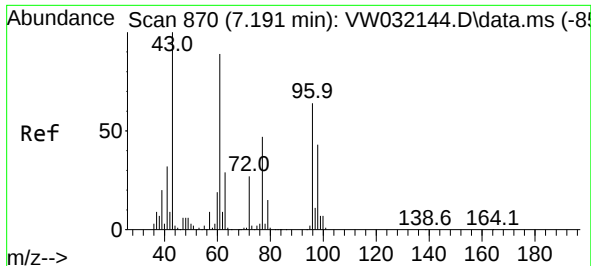
Tgt Ion: 43 Resp: 217685
Ion Ratio Lower Upper
43 100
72 29.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.401 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 77 Resp: 97345
Ion Ratio Lower Upper
77 100
97 25.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 53.087 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

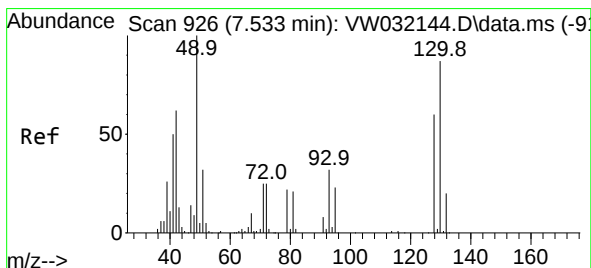
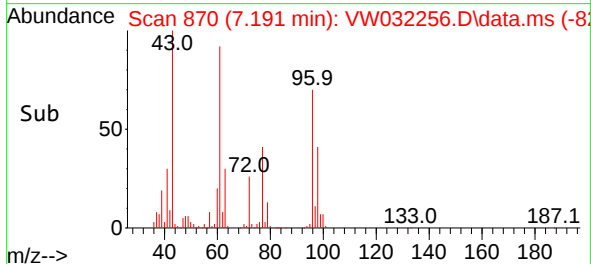
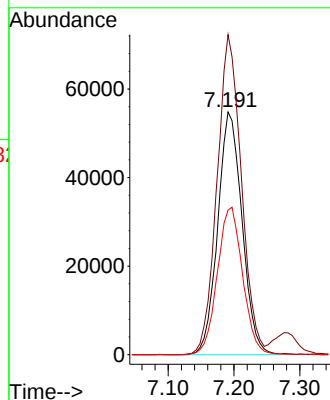
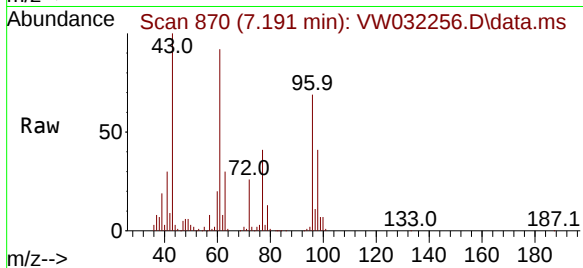
Tgt Ion: 96 Resp: 141252

Ion Ratio Lower Upper

96 100

61 131.6 0.0 268.0

98 63.1 0.0 130.8



#28

Bromochloromethane

Concen: 52.360 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

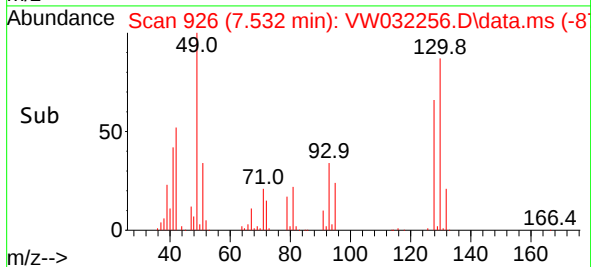
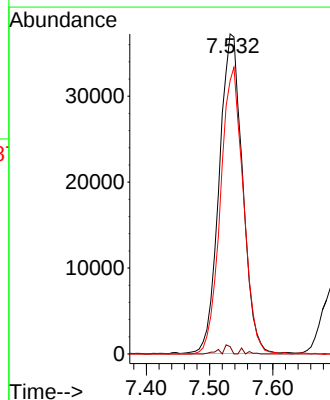
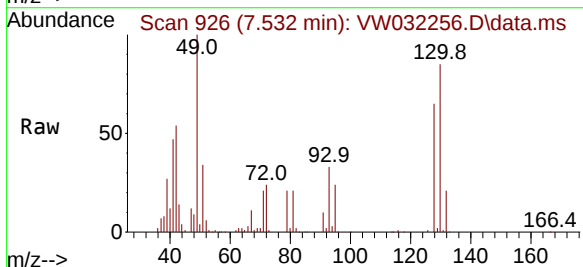
Tgt Ion: 49 Resp: 94953

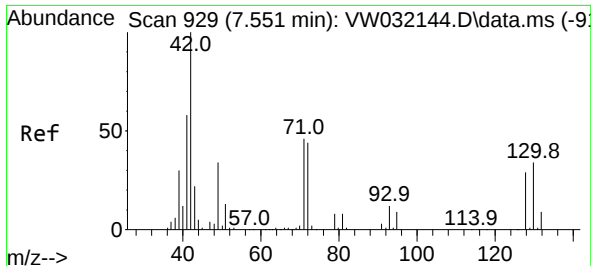
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.2

130 87.8 67.5 101.3

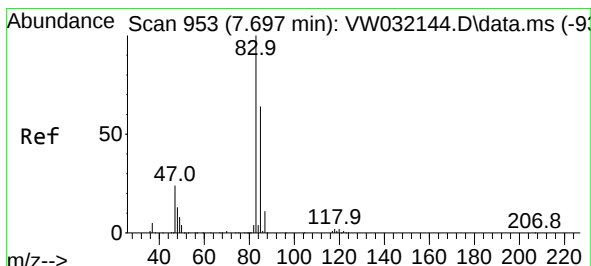
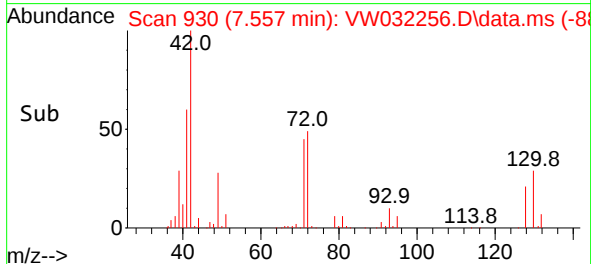
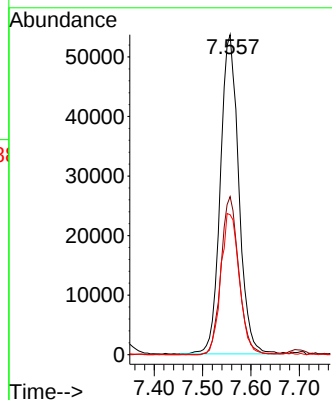
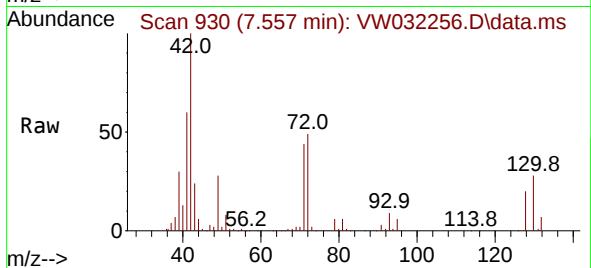




#29
Tetrahydrofuran
Concen: 274.269 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

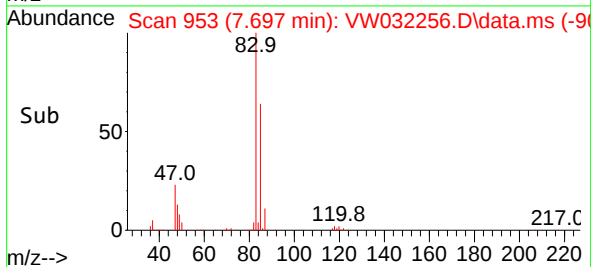
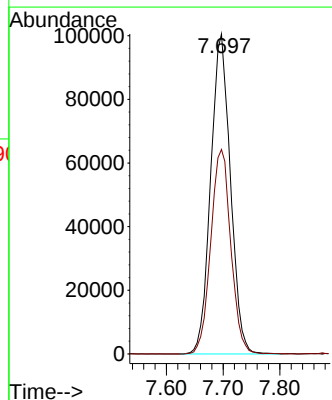
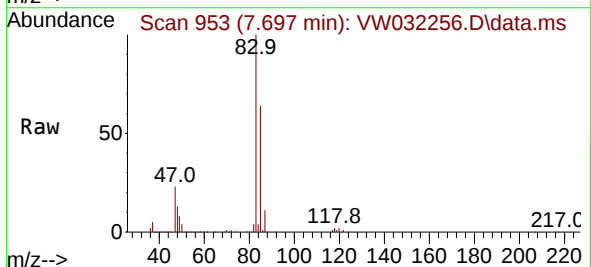
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

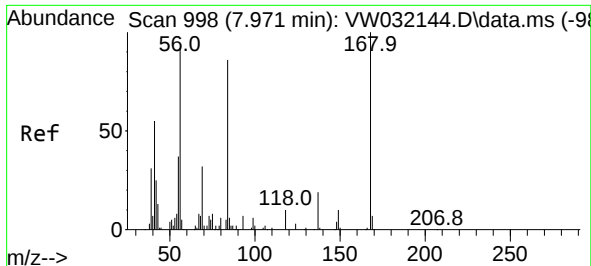
Tgt Ion: 42 Resp: 141667
Ion Ratio Lower Upper
42 100
72 48.1 37.4 56.2
71 44.8 36.0 54.0



#30
Chloroform
Concen: 53.624 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 83 Resp: 242542
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8

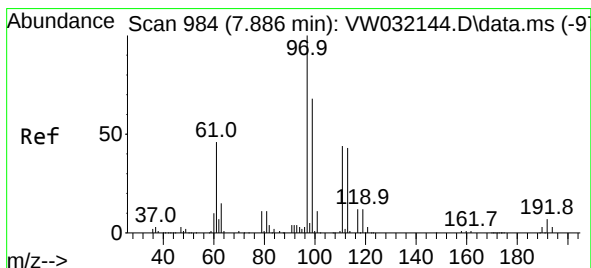
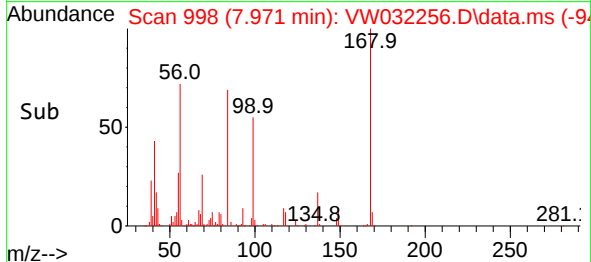
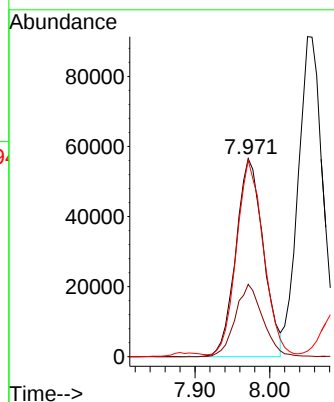
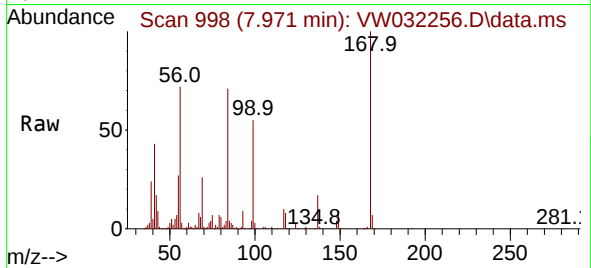




#31
Cyclohexane
Concen: 44.510 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

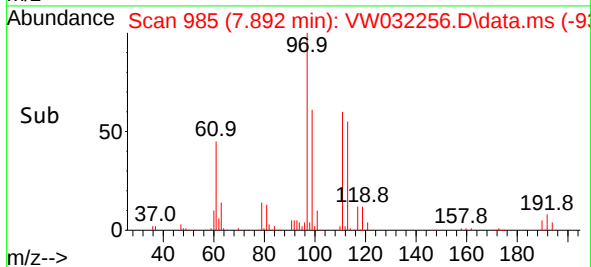
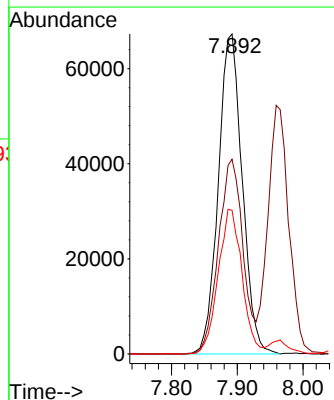
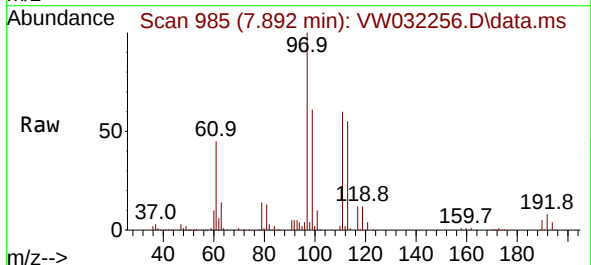
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

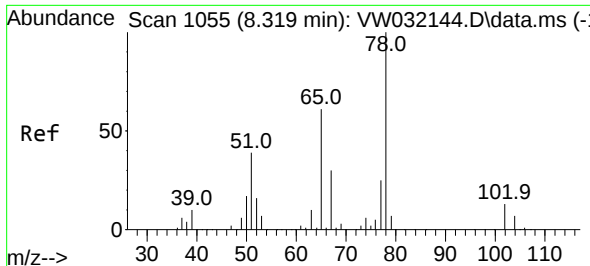
Tgt Ion: 56 Resp: 144727
Ion Ratio Lower Upper
56 100
69 36.1 27.7 41.5
84 97.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.662 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 97 Resp: 170575
Ion Ratio Lower Upper
97 100
99 62.7 50.9 76.3
61 45.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.960 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

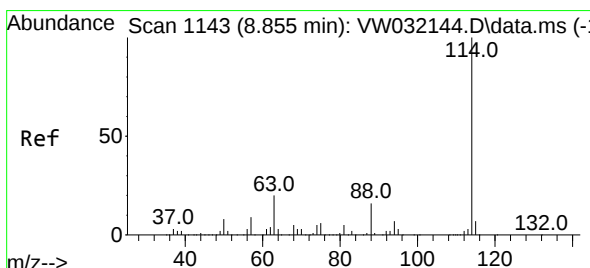
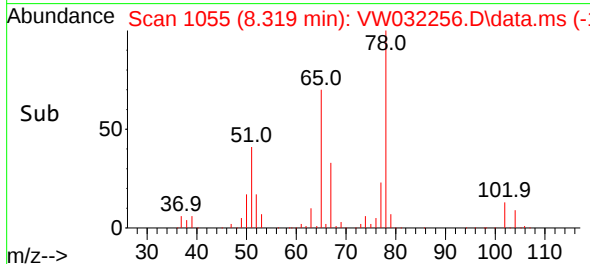
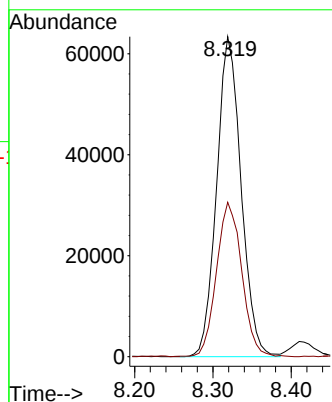
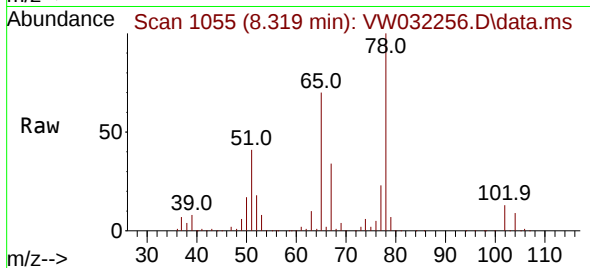
VSTDCCC050EC

Tgt Ion: 65 Resp: 137622

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

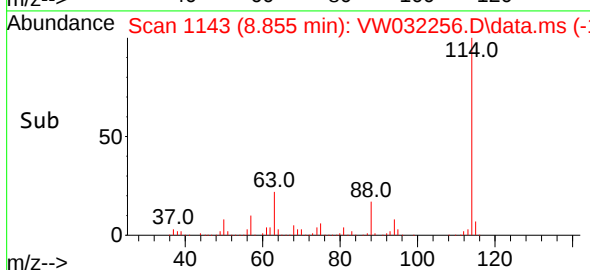
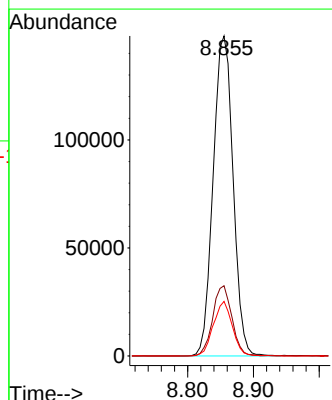
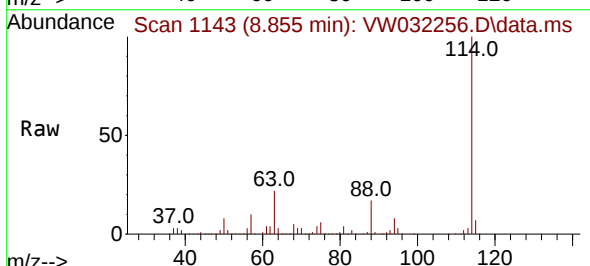
Tgt Ion: 114 Resp: 312275

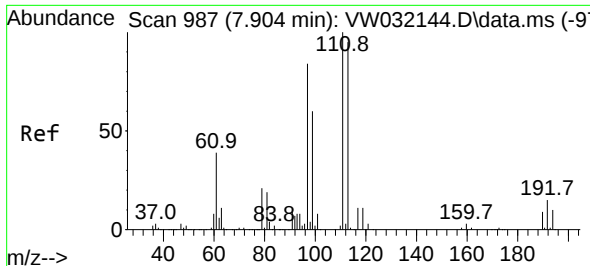
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.4

88 17.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.617 ug/l

RT: 7.904 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

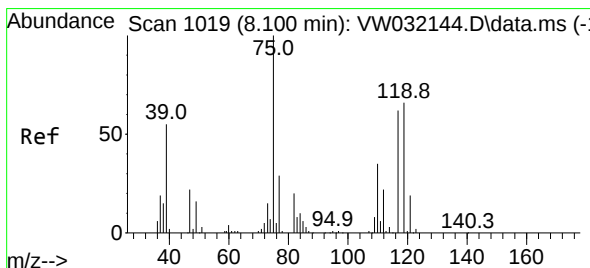
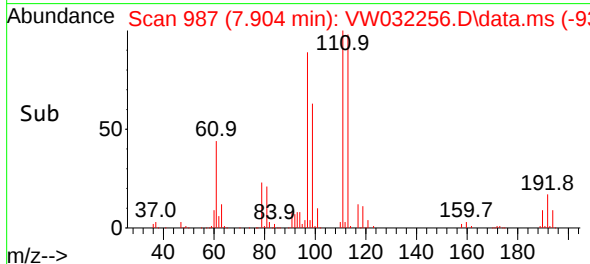
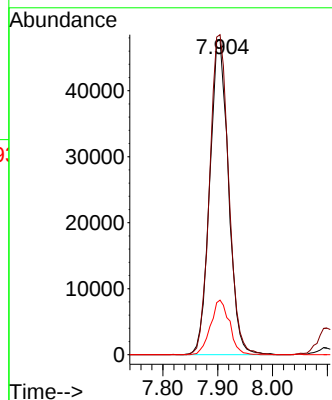
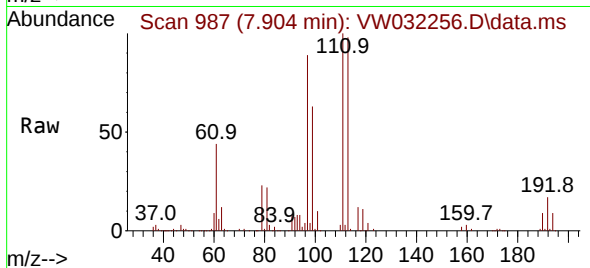
Tgt Ion:113 Resp: 113088

Ion Ratio Lower Upper

113 100

111 103.5 83.9 125.9

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.086 ug/l

RT: 8.099 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

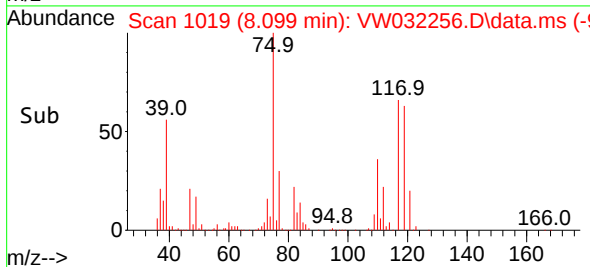
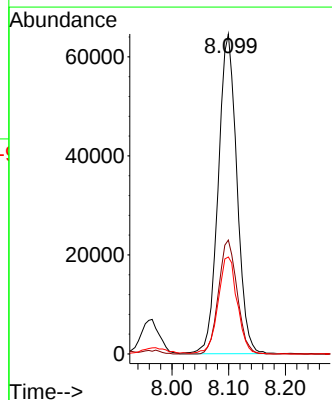
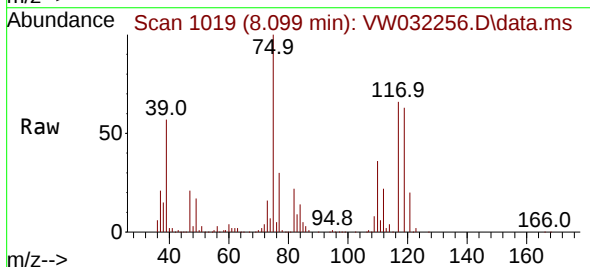
Tgt Ion: 75 Resp: 147960

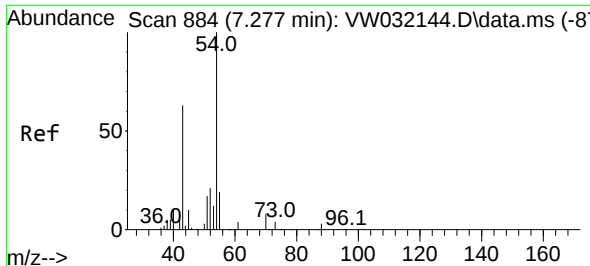
Ion Ratio Lower Upper

75 100

110 35.4 17.5 52.5

77 31.1 24.1 36.1

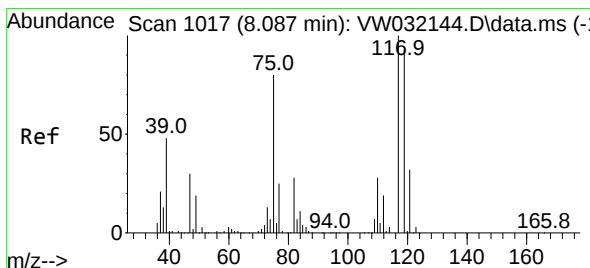
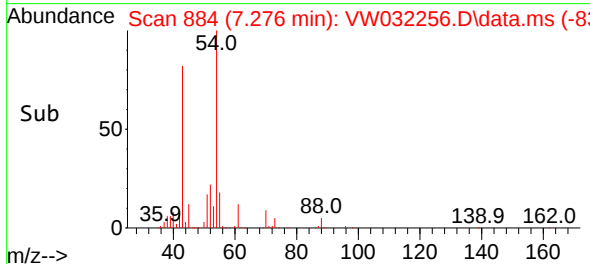
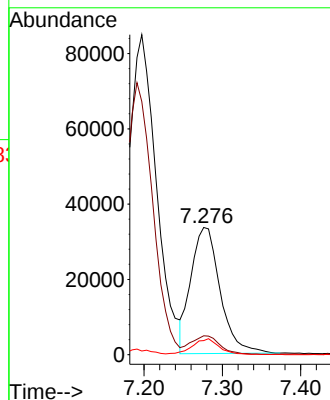
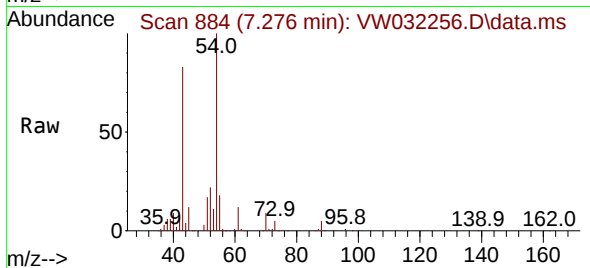




#37
Ethyl Acetate
Concen: 50.919 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

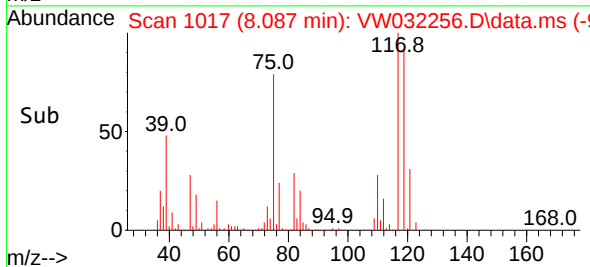
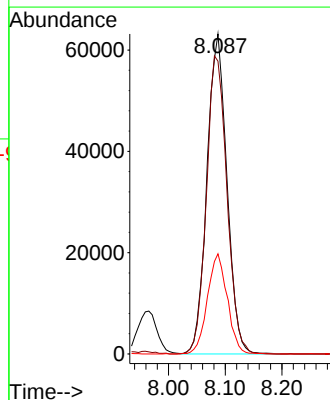
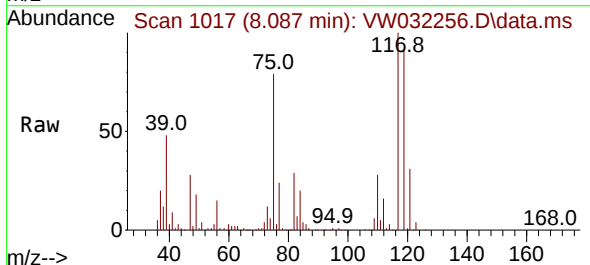
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

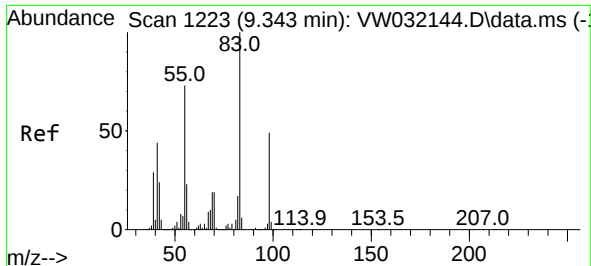
Tgt Ion: 43 Resp: 86770
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.849 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 117 Resp: 154848
Ion Ratio Lower Upper
117 100
119 91.5 74.2 111.2
121 31.3 25.6 38.4





#39

Methylcyclohexane

Concen: 50.227 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

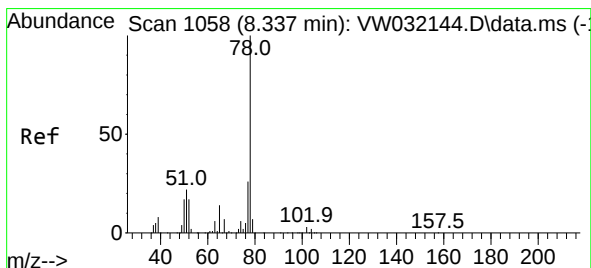
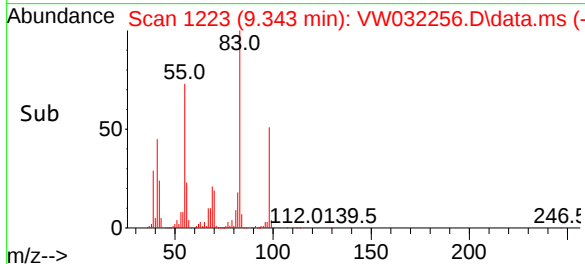
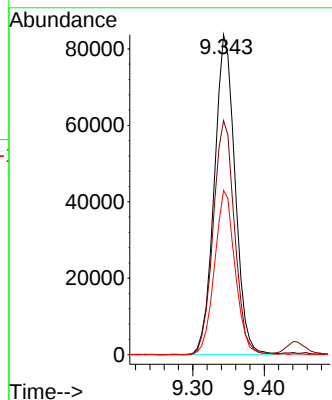
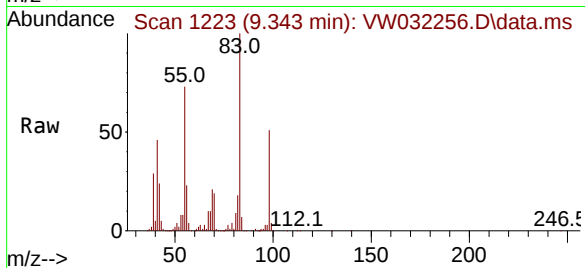
Tgt Ion: 83 Resp: 168995

Ion Ratio Lower Upper

83 100

55 73.1 58.4 87.6

98 51.3 39.4 59.2



#40

Benzene

Concen: 54.098 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032256.D

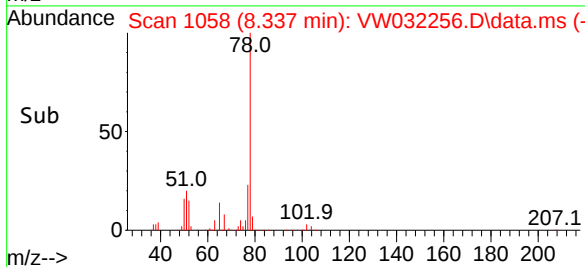
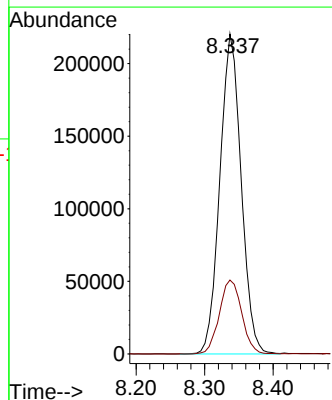
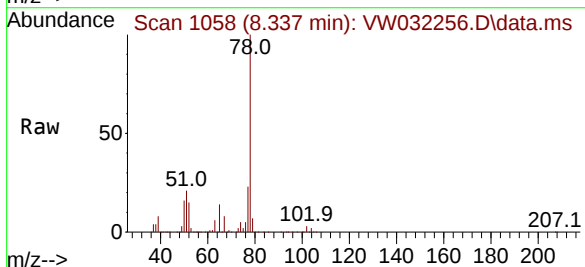
Acq: 24 Sep 2025 19:46

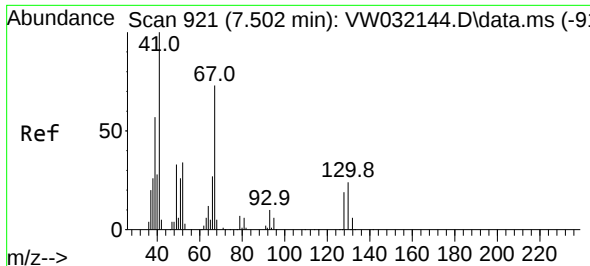
Tgt Ion: 78 Resp: 475029

Ion Ratio Lower Upper

78 100

77 23.1 20.7 31.1

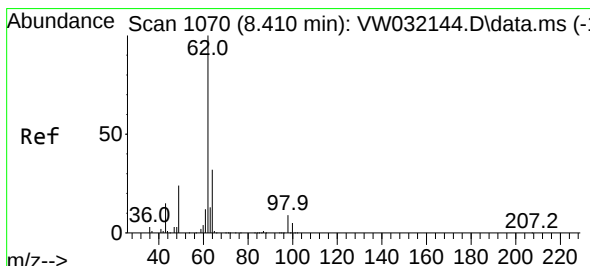
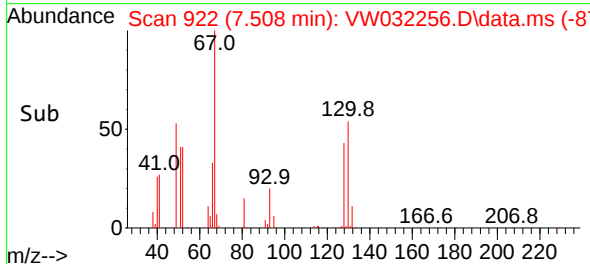
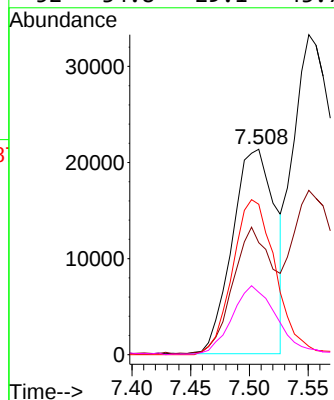
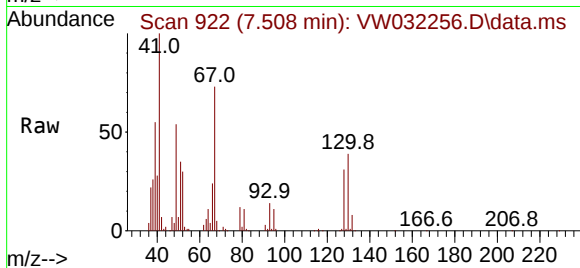




#41
Methacrylonitrile
Concen: 57.182 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

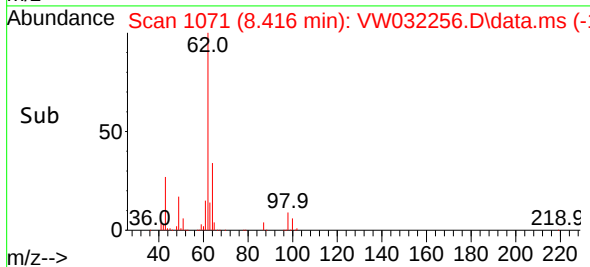
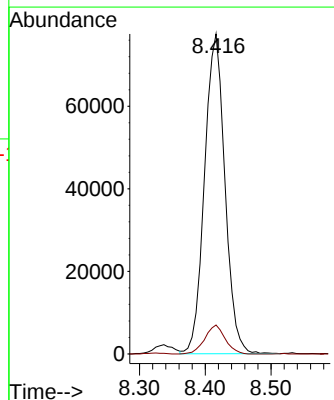
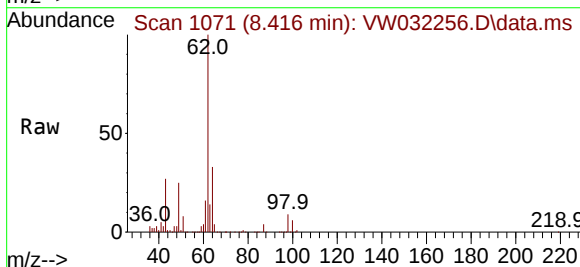
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

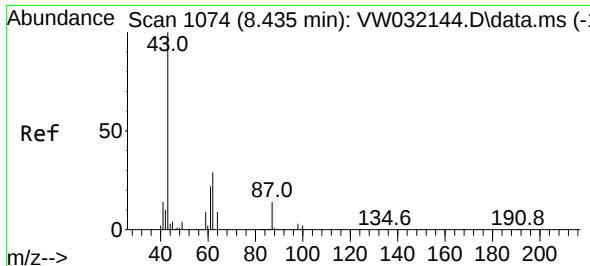
Tgt Ion:	41	Resp:	54138
Ion	Ratio	Lower	Upper
41	100		
39	57.7	50.9	76.3
67	77.1	65.6	98.4
52	34.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 54.991 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:	62	Resp:	167394
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

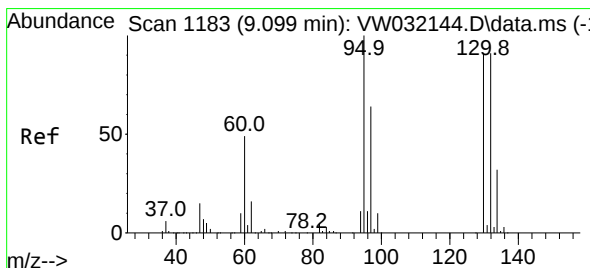
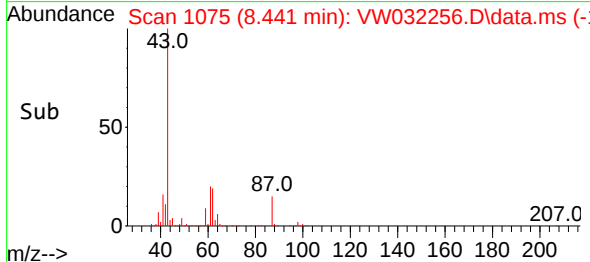
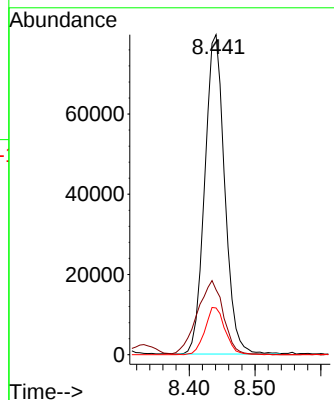
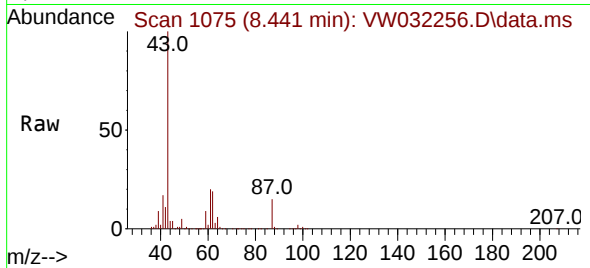




#43
Isopropyl Acetate
Concen: 52.569 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

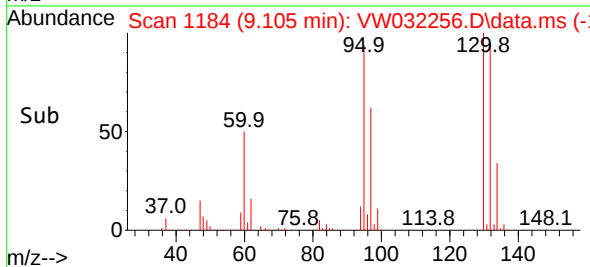
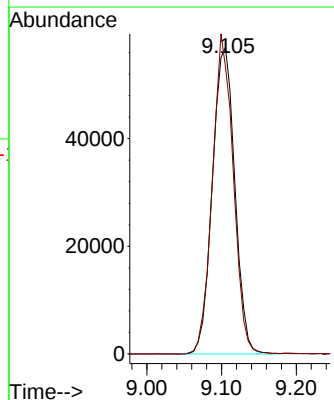
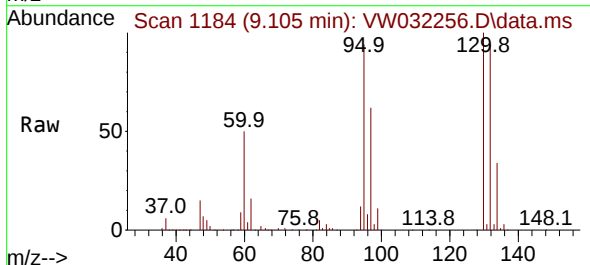
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

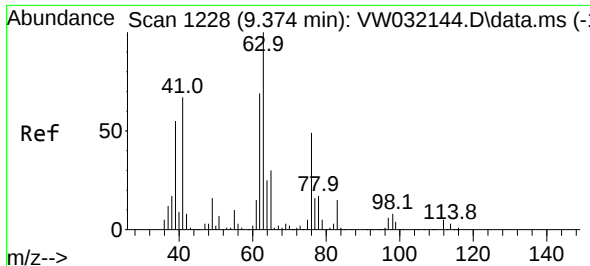
Tgt Ion: 43 Resp: 168058
Ion Ratio Lower Upper
43 100
61 30.4 23.3 34.9
87 15.0 11.1 16.7



#44
Trichloroethene
Concen: 53.858 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:130 Resp: 118931
Ion Ratio Lower Upper
130 100
95 93.6 0.0 220.0

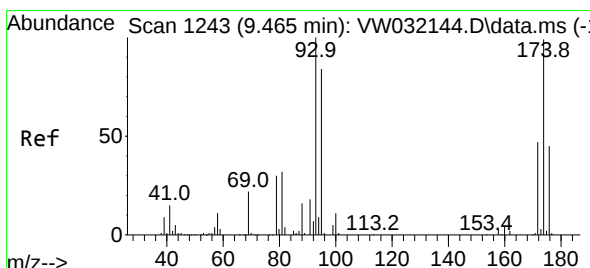
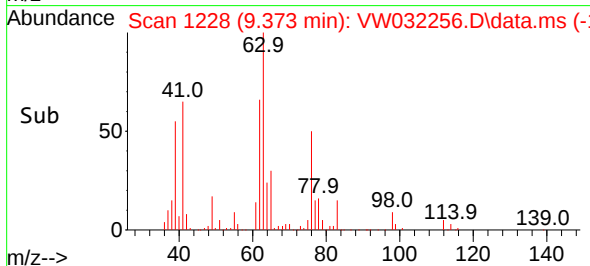
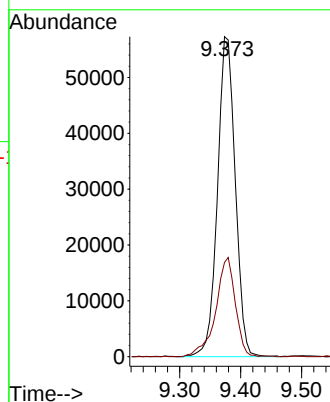
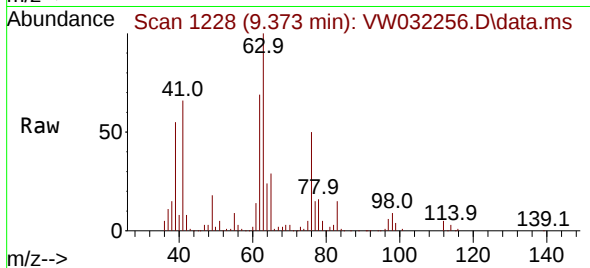




#45
1,2-Dichloropropane
Concen: 54.836 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

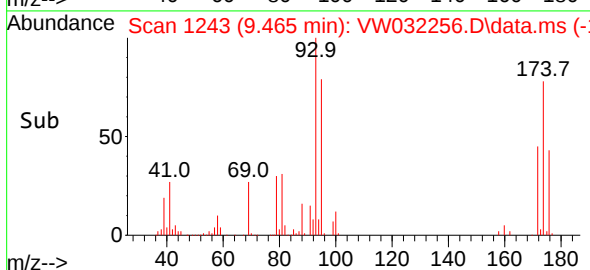
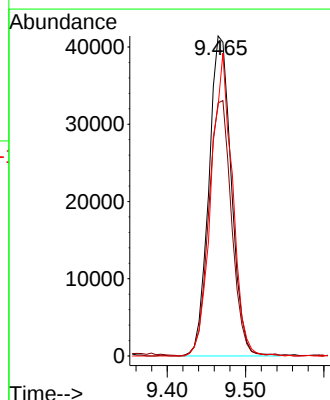
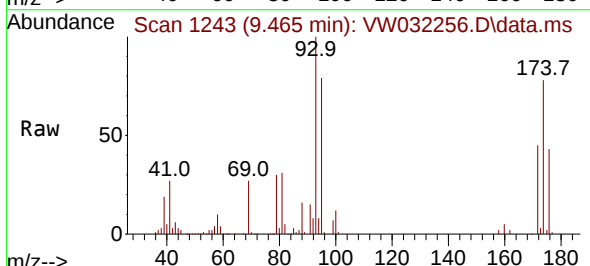
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

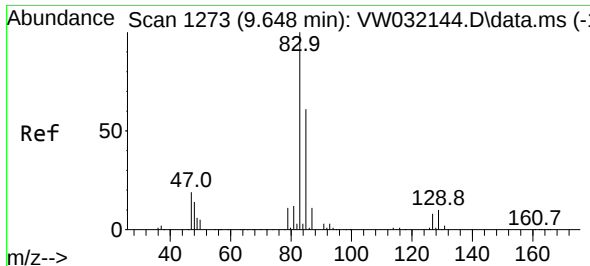
Tgt Ion: 63 Resp: 116074
Ion Ratio Lower Upper
63 100
65 29.5 24.3 36.5



#46
Dibromomethane
Concen: 55.724 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 93 Resp: 82731
Ion Ratio Lower Upper
93 100
95 81.5 67.4 101.2
174 89.3 75.7 113.5

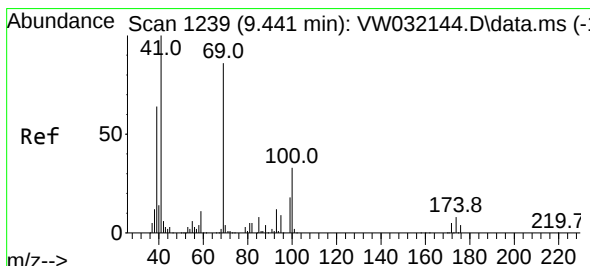
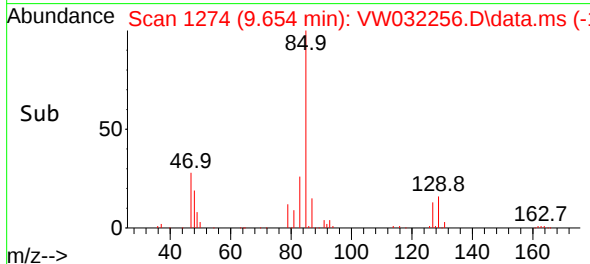
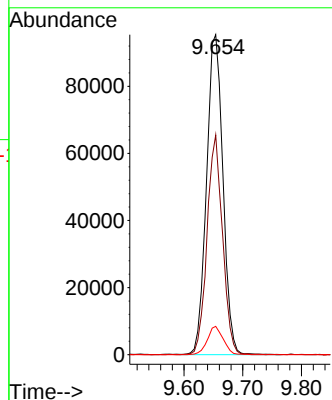
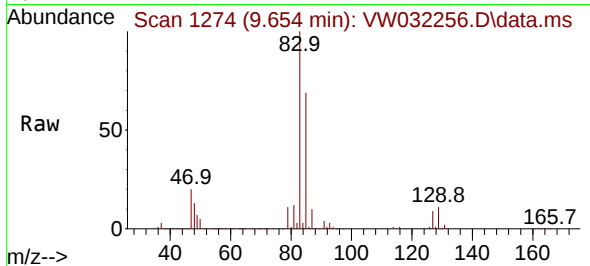




#47
Bromodichloromethane
Concen: 54.832 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

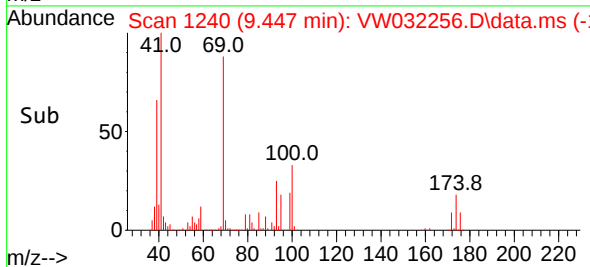
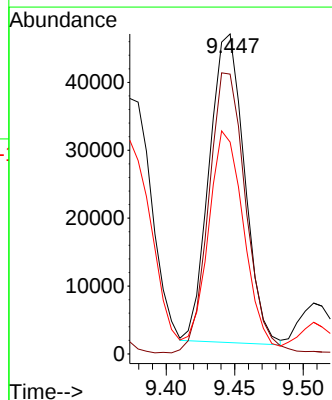
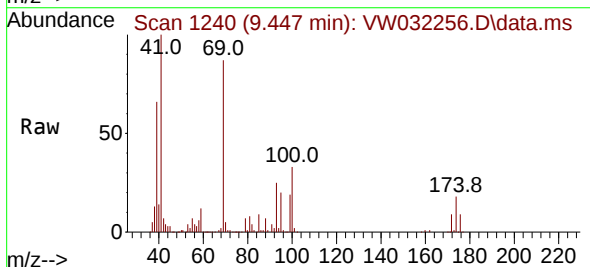
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

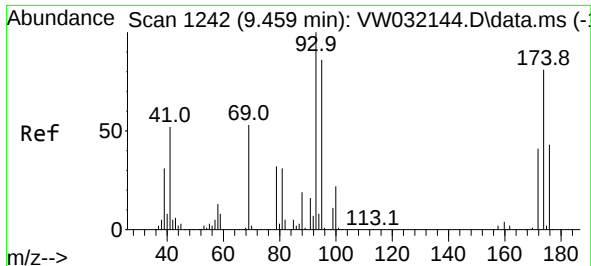
Tgt Ion: 83 Resp: 184997
Ion Ratio Lower Upper
83 100
85 68.6 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 55.064 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 41 Resp: 81125
Ion Ratio Lower Upper
41 100
69 96.6 71.5 107.3
39 74.0 55.9 83.9





#49

1,4-Dioxane

Concen: 1074.911 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

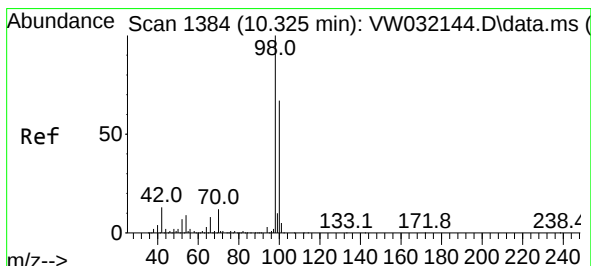
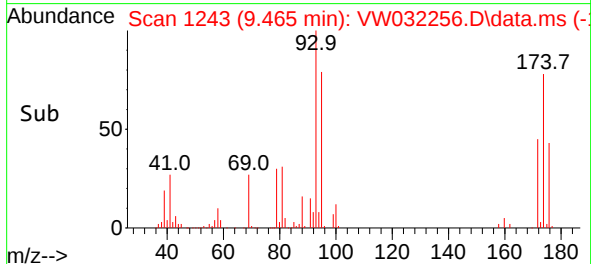
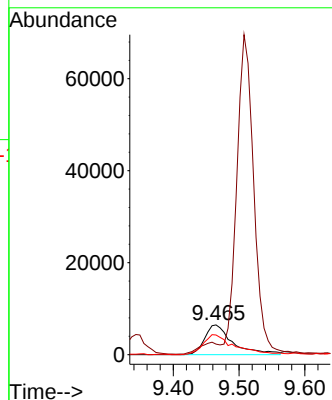
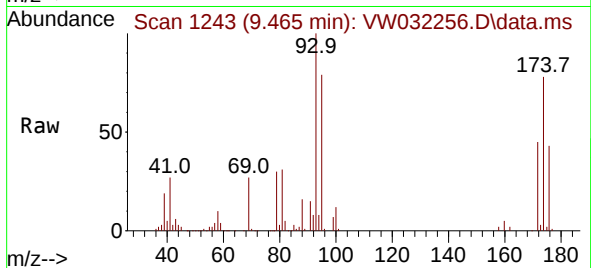
Tgt Ion: 88 Resp: 19282

Ion Ratio Lower Upper

88 100

43 28.2 18.0 27.0#

58 75.4 55.4 83.0



#50

Toluene-d8

Concen: 51.764 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032256.D

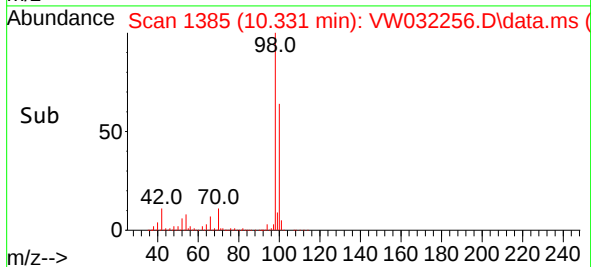
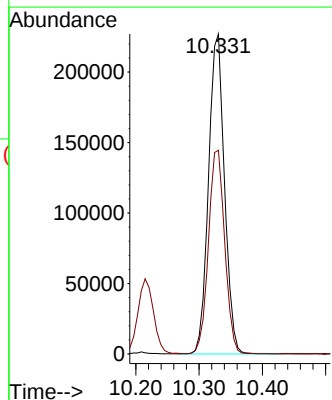
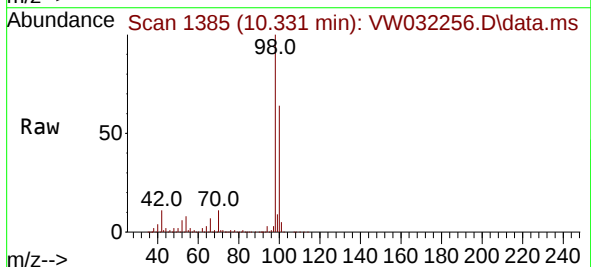
Acq: 24 Sep 2025 19:46

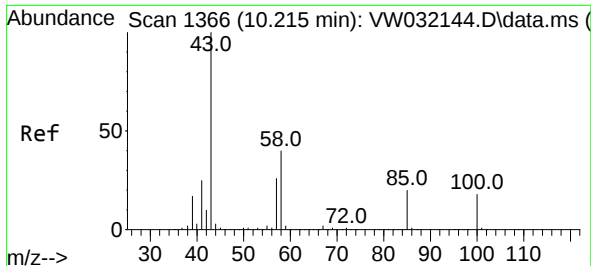
Tgt Ion: 98 Resp: 398124

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.2

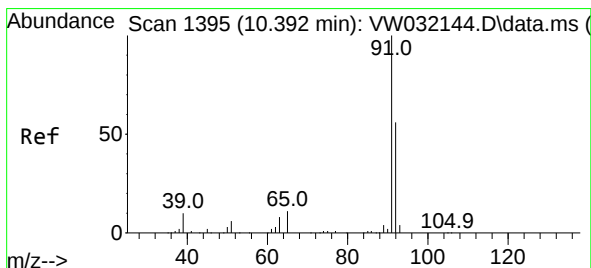
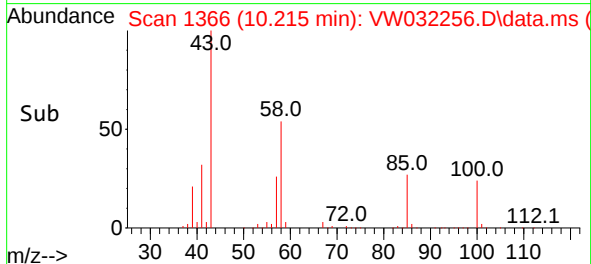
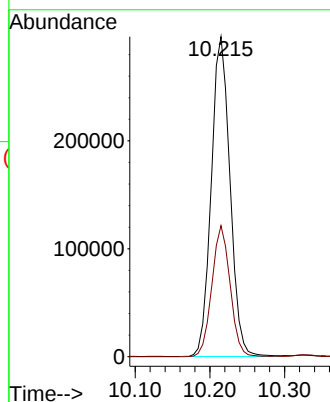
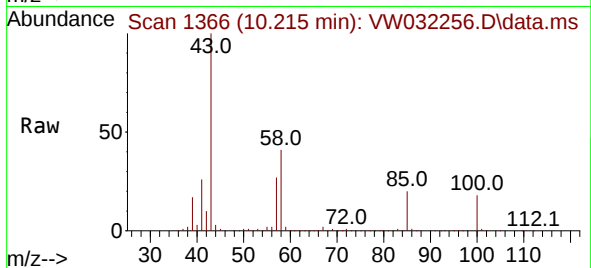




#51
4-Methyl-2-Pentanone
Concen: 286.226 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

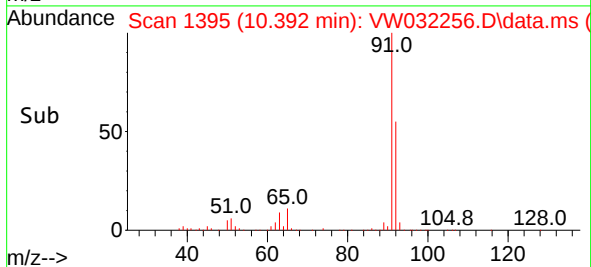
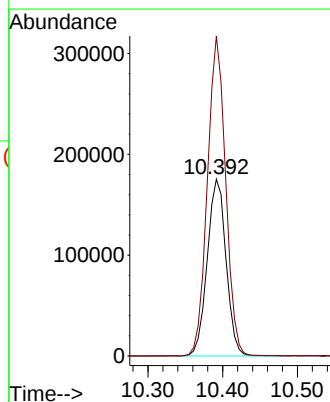
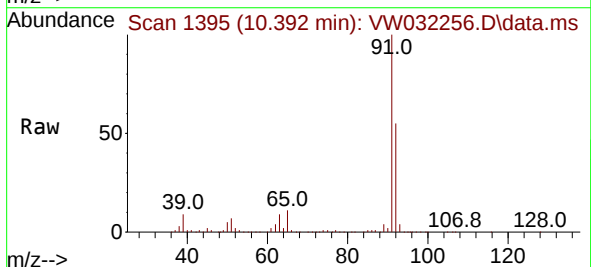
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

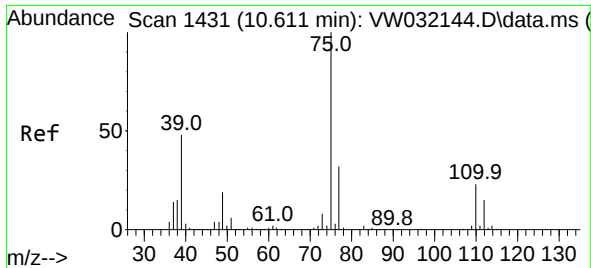
Tgt Ion: 43 Resp: 516678
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0



#52
Toluene
Concen: 53.329 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 92 Resp: 306004
Ion Ratio Lower Upper
92 100
91 175.8 137.5 206.3

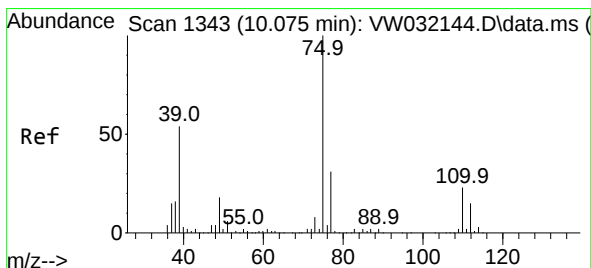
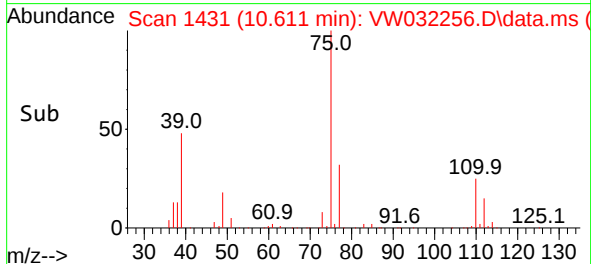
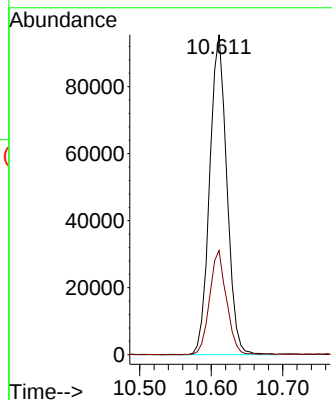
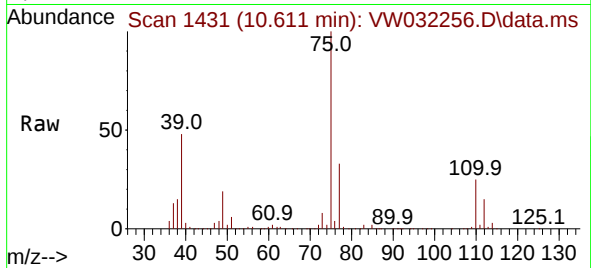




#53
t-1,3-Dichloropropene
Concen: 53.529 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

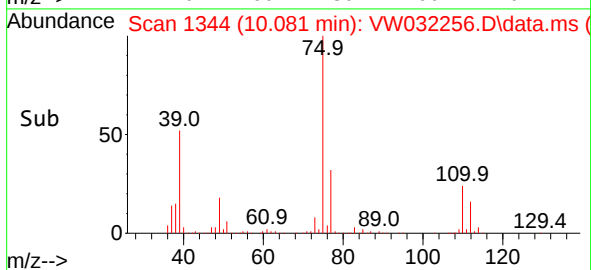
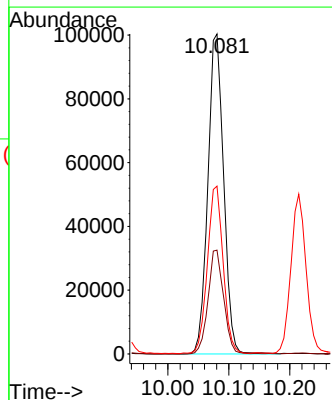
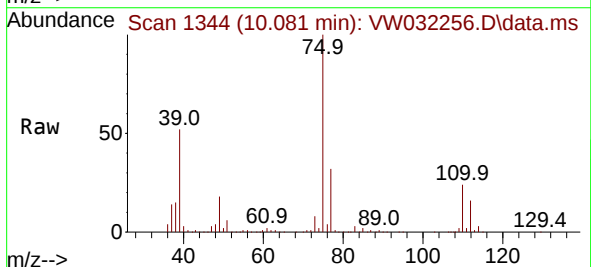
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

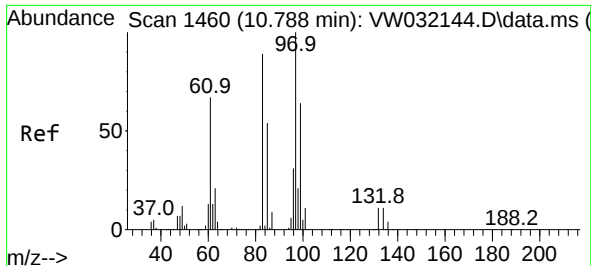
Tgt Ion: 75 Resp: 159321
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 53.228 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 75 Resp: 180768
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 52.3 43.2 64.8

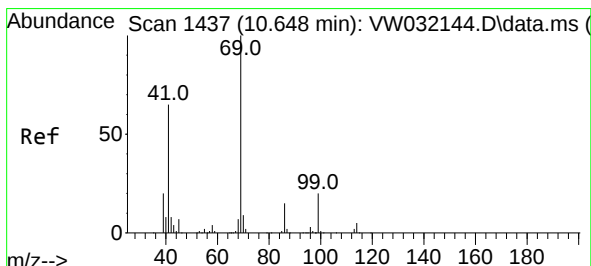
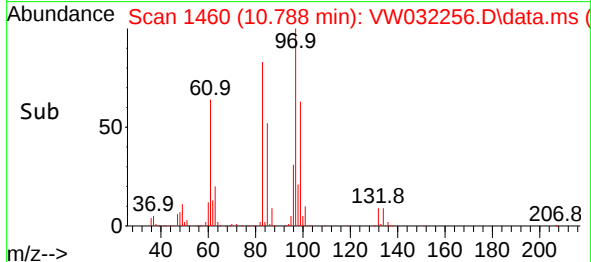
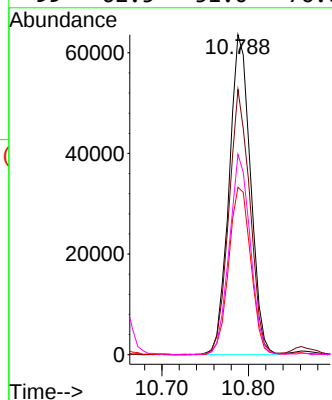
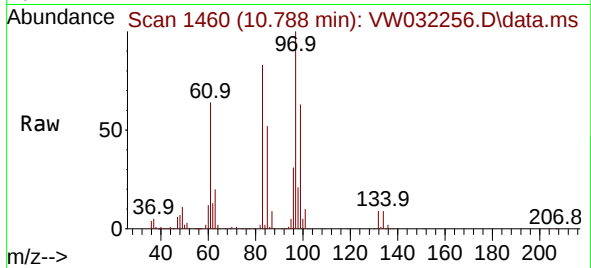




#55
1,1,2-Trichloroethane
Concen: 56.683 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

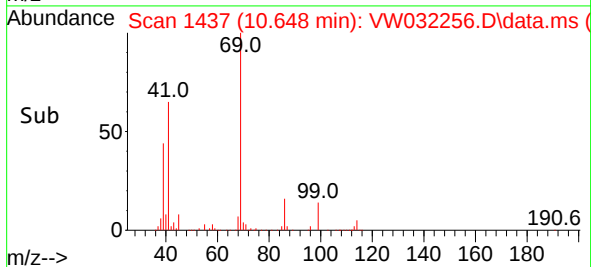
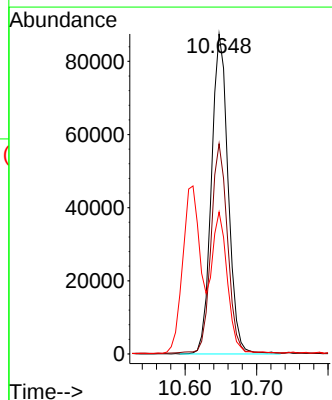
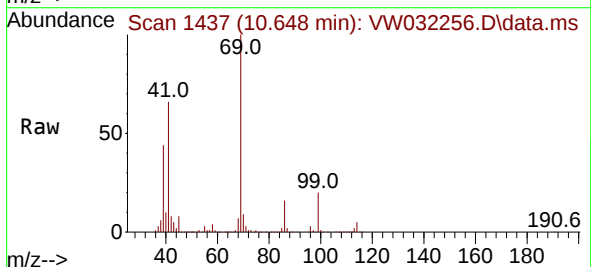
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

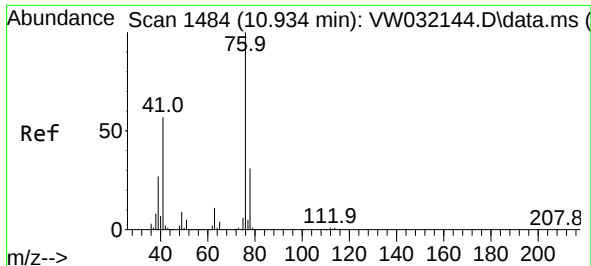
Tgt Ion:	97	Resp:	109433
Ion	Ratio	Lower	Upper
97	100		
83	82.9	71.0	106.6
85	52.3	42.8	64.2
99	62.5	51.0	76.6



#56
Ethyl methacrylate
Concen: 57.535 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:	69	Resp:	142009
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.2	79.8
39	40.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 55.644 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

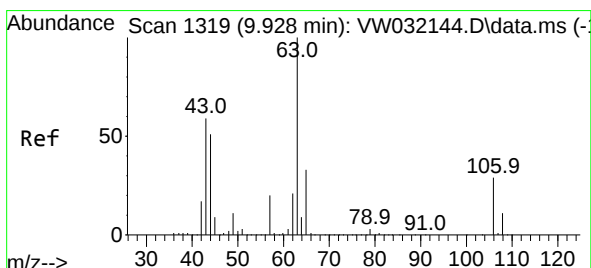
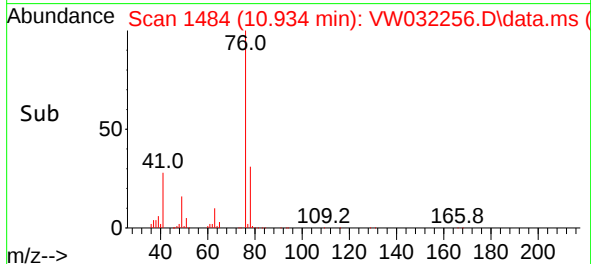
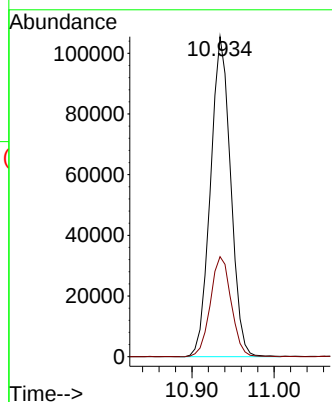
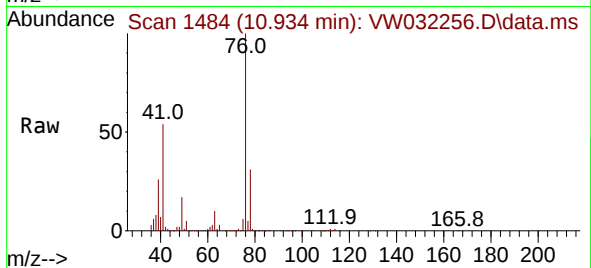
VSTDCCC050EC

Tgt Ion: 76 Resp: 179878

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 296.939 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032256.D

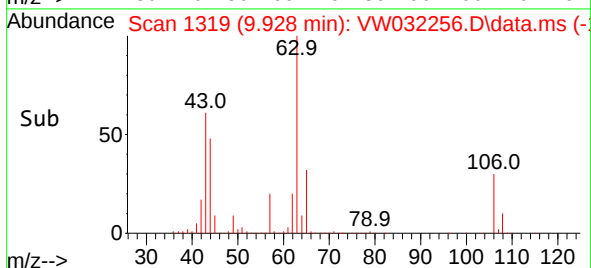
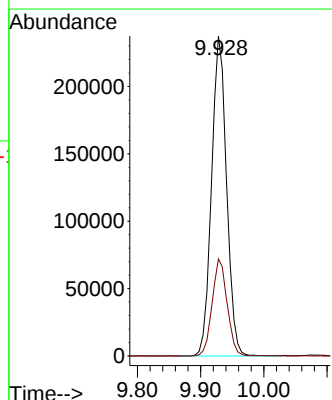
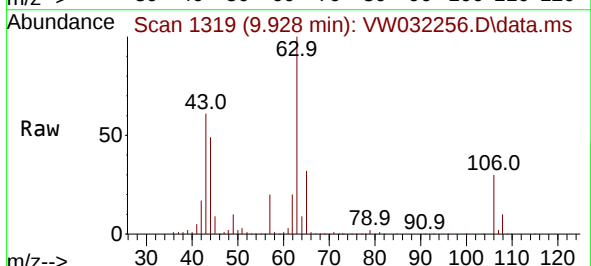
Acq: 24 Sep 2025 19:46

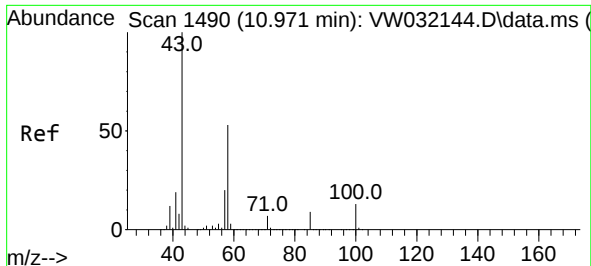
Tgt Ion: 63 Resp: 391195

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5

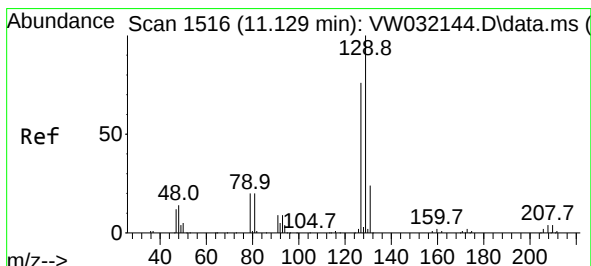
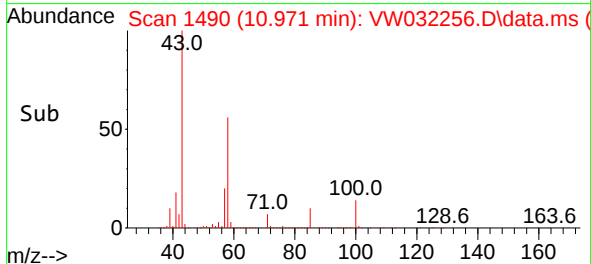
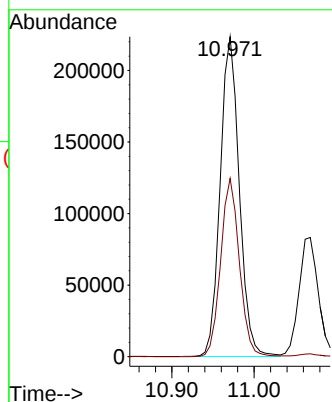
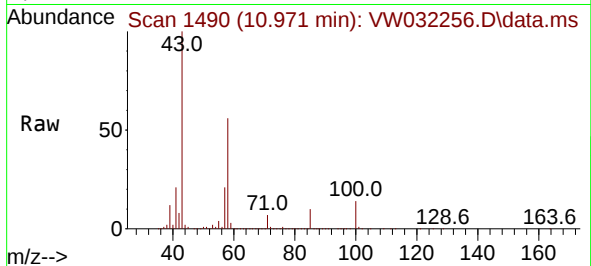




#59
2-Hexanone
Concen: 287.782 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

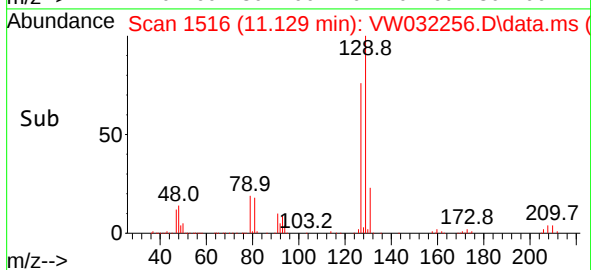
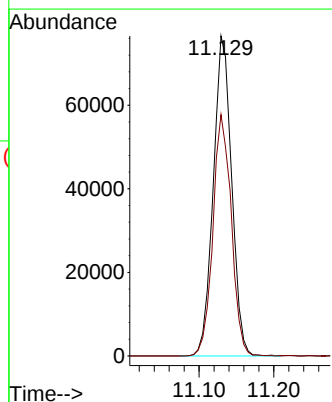
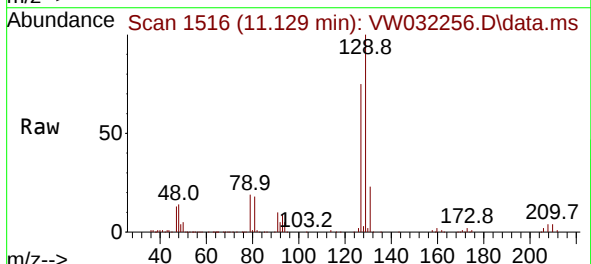
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

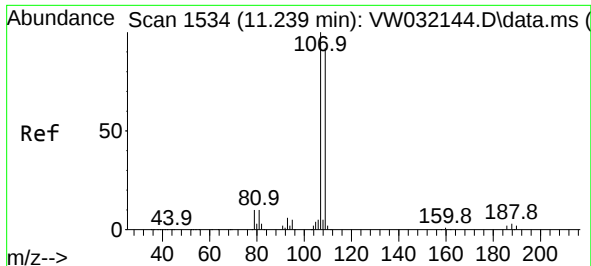
Tgt Ion: 43 Resp: 361289
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.4



#60
Dibromochloromethane
Concen: 56.036 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 129 Resp: 130907
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.5

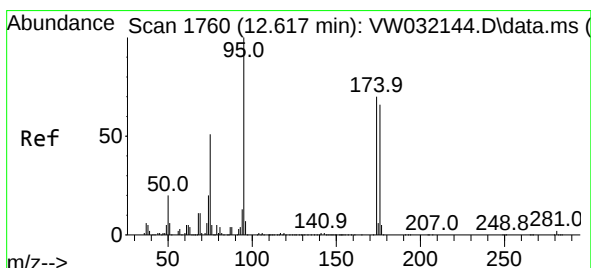
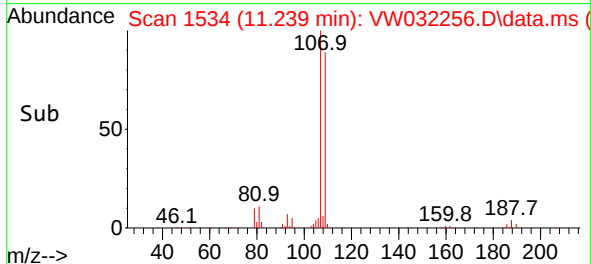
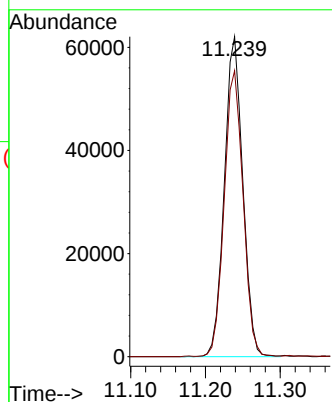
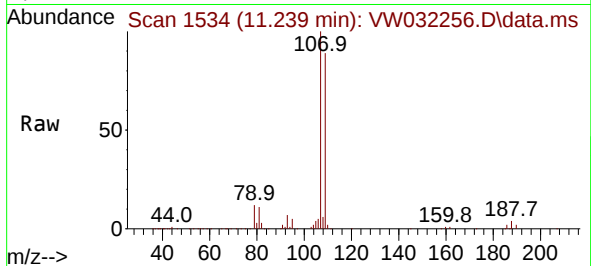




#61
1,2-Dibromoethane
Concen: 56.174 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

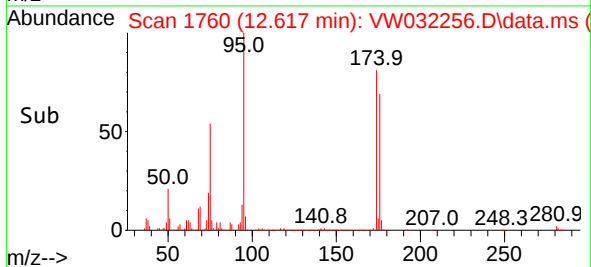
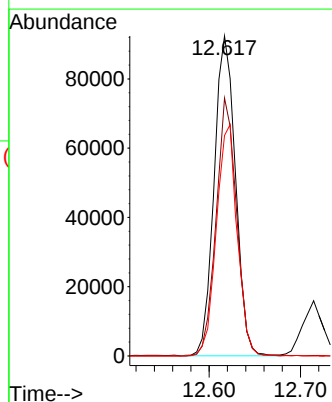
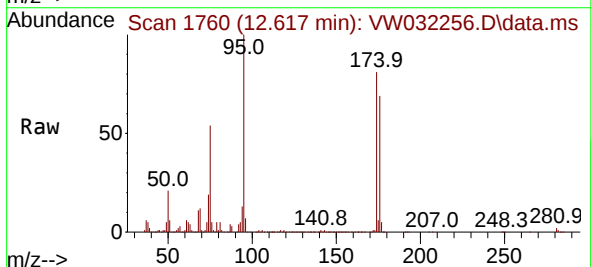
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

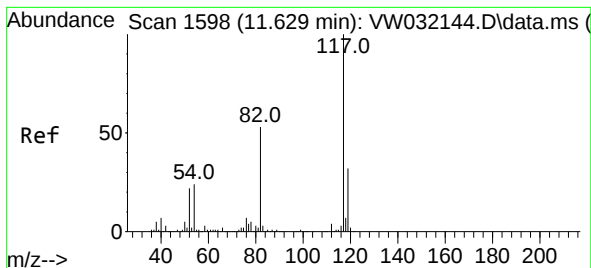
Tgt Ion:107 Resp: 106650
Ion Ratio Lower Upper
107 100
109 91.0 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 52.646 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 95 Resp: 149726
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.6
176 70.6 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

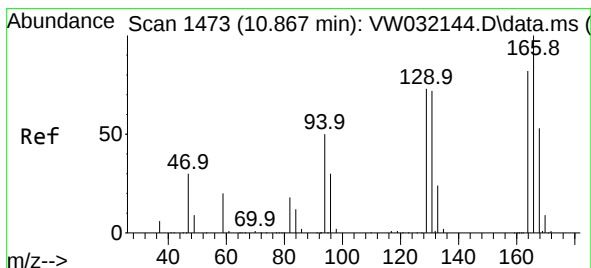
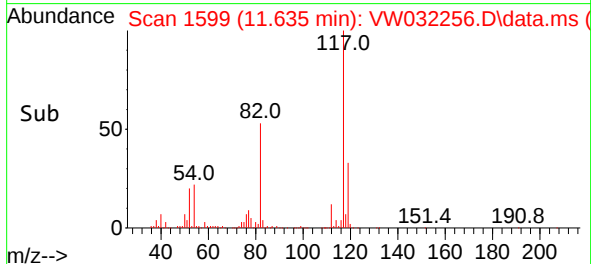
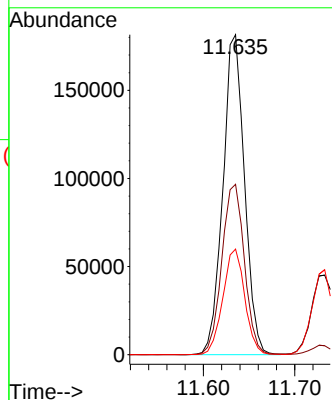
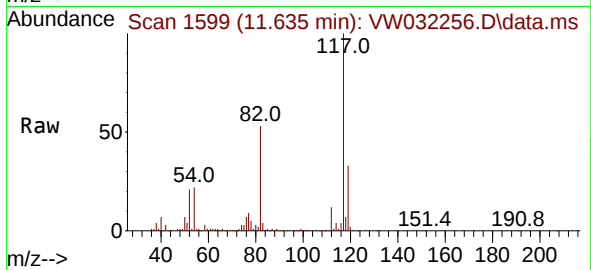
Tgt Ion:117 Resp: 298404

Ion Ratio Lower Upper

117 100

82 53.3 42.7 64.1

119 33.0 25.2 37.8



#64

Tetrachloroethene

Concen: 55.382 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Tgt Ion:164 Resp: 108769

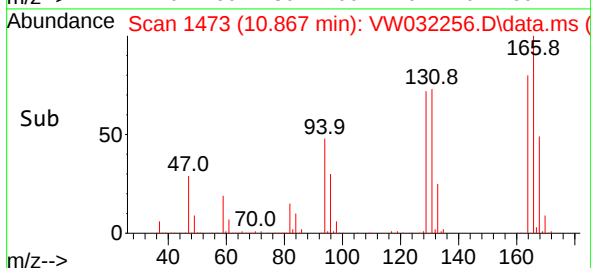
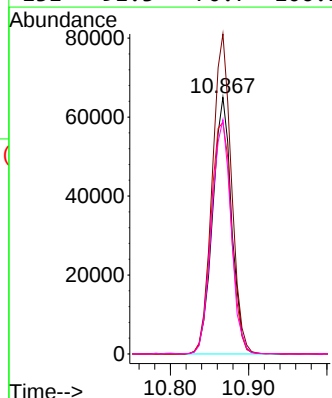
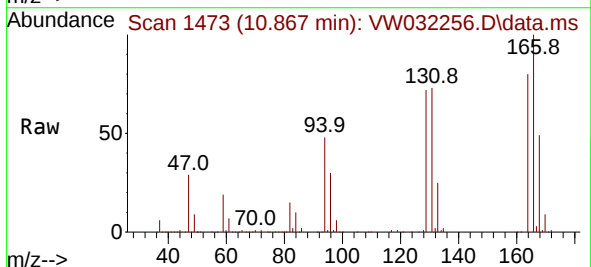
Ion Ratio Lower Upper

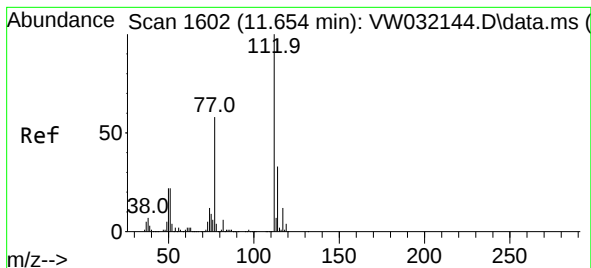
164 100

166 124.7 97.5 146.3

129 90.2 71.2 106.8

131 91.3 70.7 106.1





#65

Chlorobenzene

Concen: 52.006 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

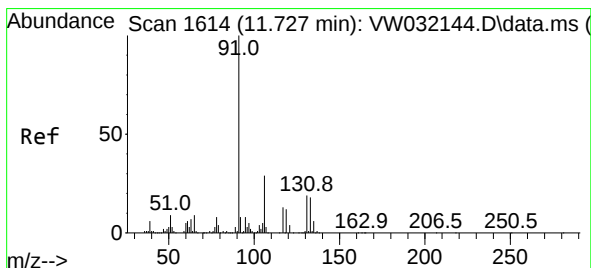
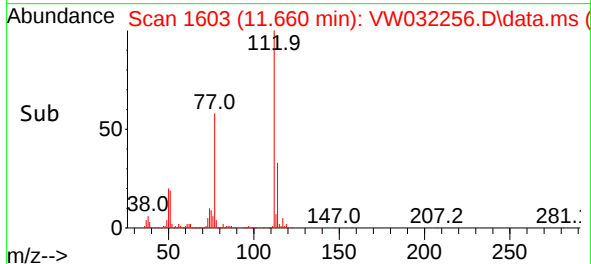
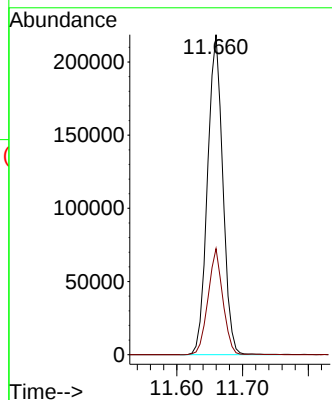
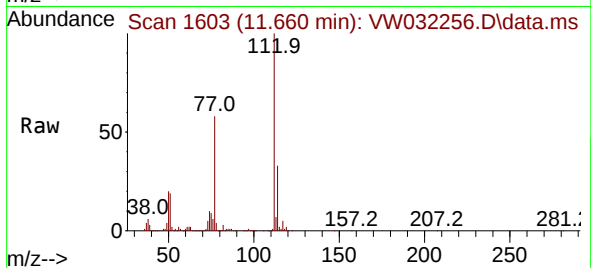
VSTDCCC050EC

Tgt Ion:112 Resp: 353230

Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 55.318 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

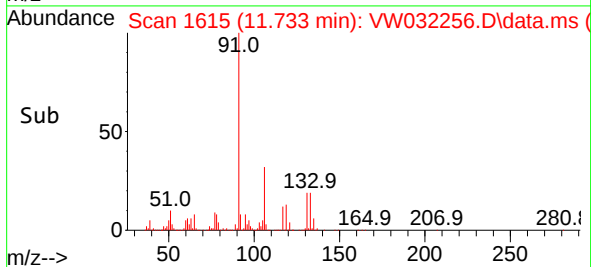
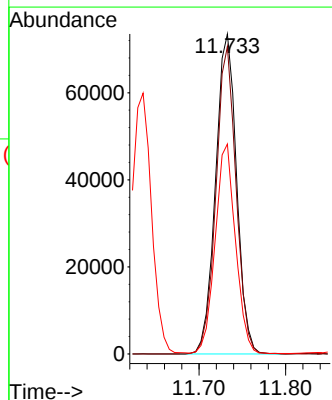
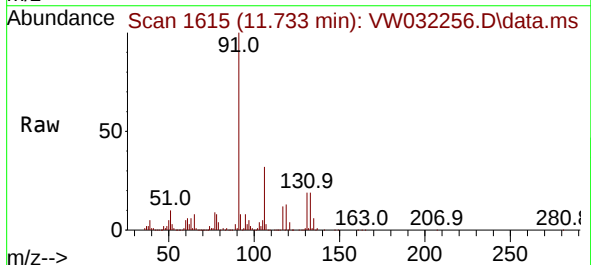
Tgt Ion:131 Resp: 123700

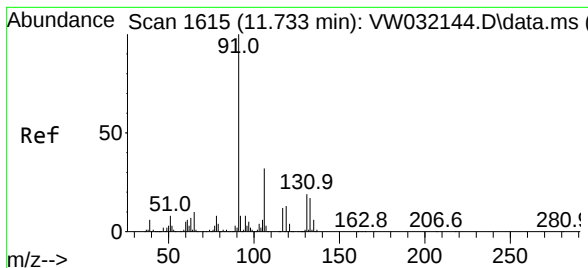
Ion Ratio Lower Upper

131 100

133 92.2 47.7 143.1

119 63.5 32.8 98.3

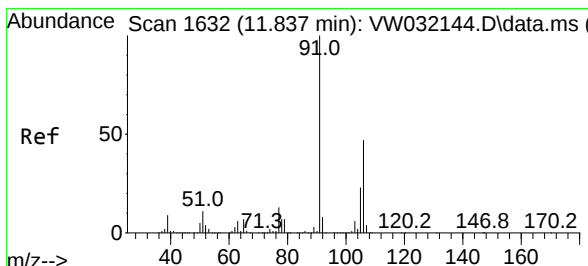
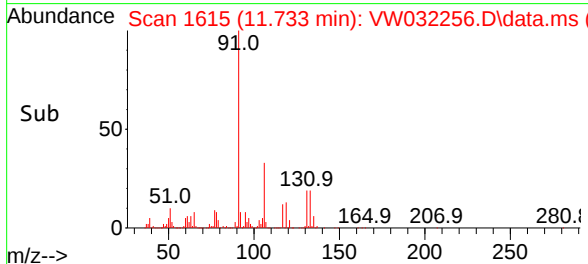
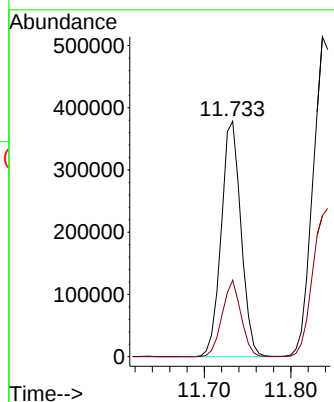
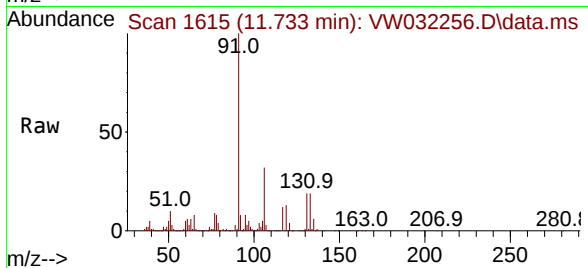




#67
Ethyl Benzene
Concen: 53.882 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

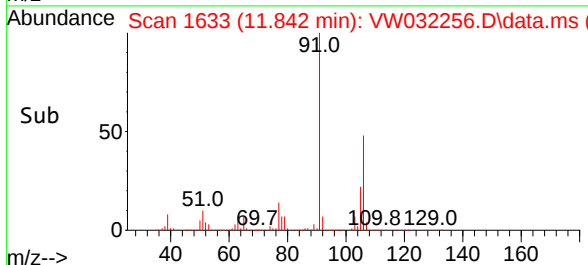
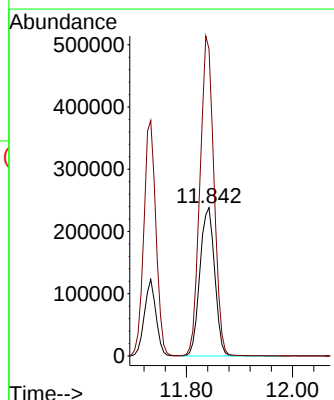
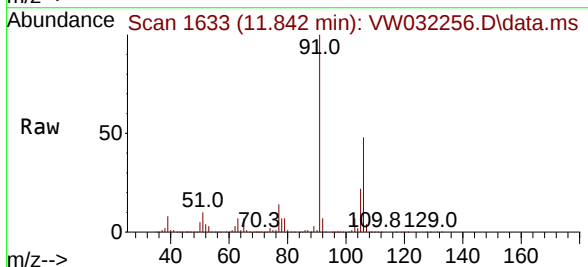
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

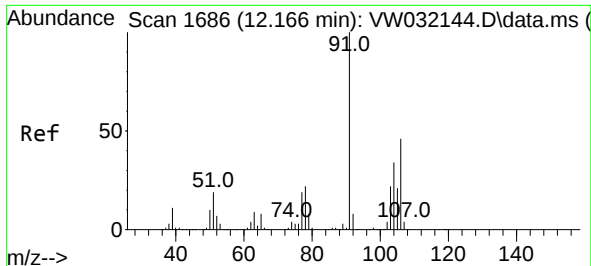
Tgt Ion: 91 Resp: 599619
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9



#68
m/p-Xylenes
Concen: 108.036 ug/l
RT: 11.842 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:106 Resp: 462709
Ion Ratio Lower Upper
106 100
91 203.6 164.2 246.2

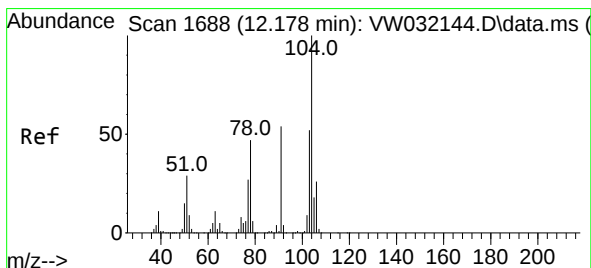
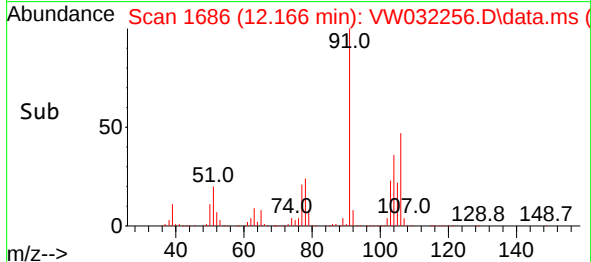
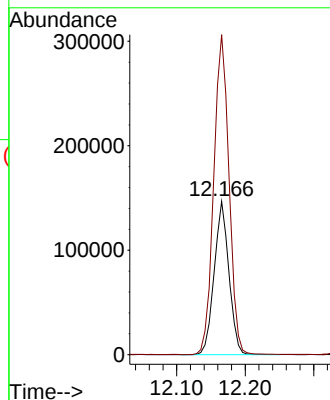
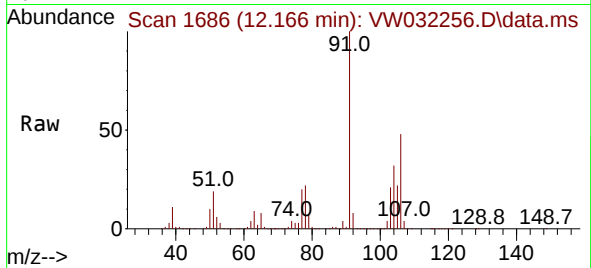




#69
o-Xylene
Concen: 53.976 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

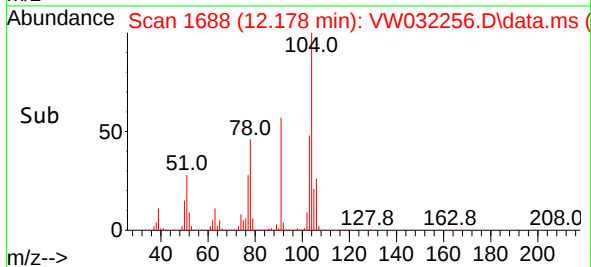
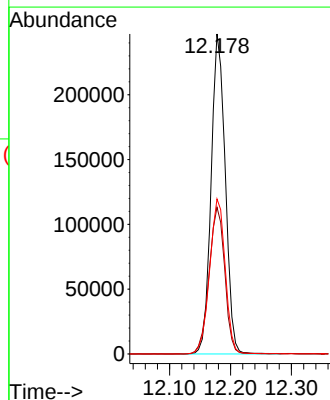
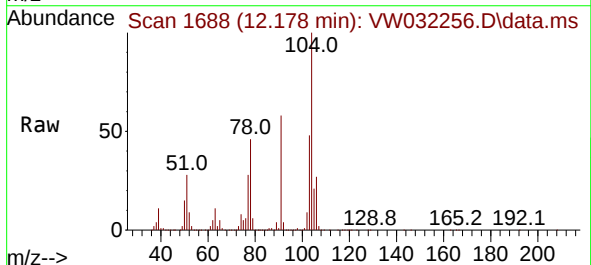
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

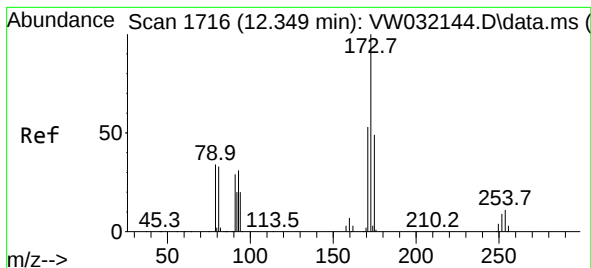
Tgt Ion:106 Resp: 218665
Ion Ratio Lower Upper
106 100
91 216.6 108.7 326.3



#70
Styrene
Concen: 55.949 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion:104 Resp: 399555
Ion Ratio Lower Upper
104 100
78 50.8 41.6 62.4
103 53.3 44.8 67.2





#71

Bromoform

Concen: 55.187 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

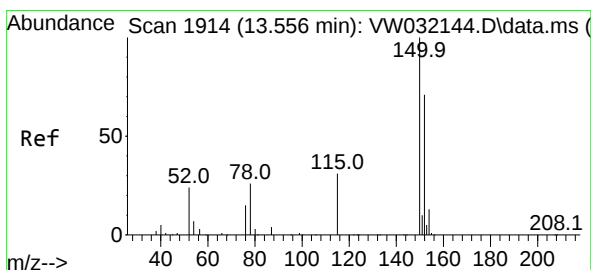
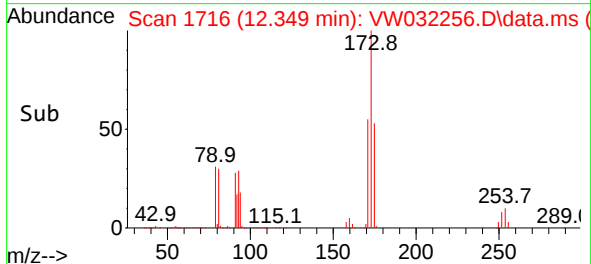
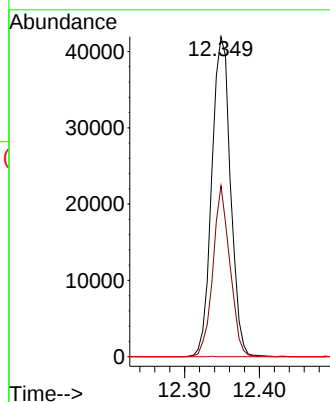
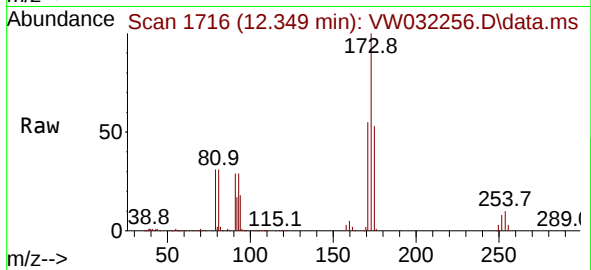
Tgt Ion:173 Resp: 73295

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

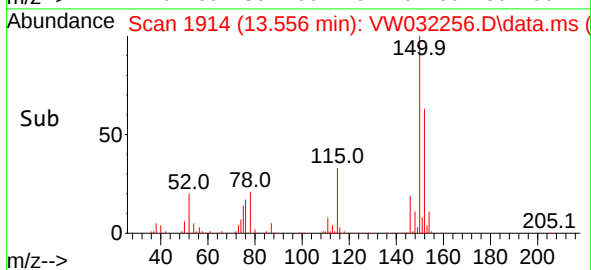
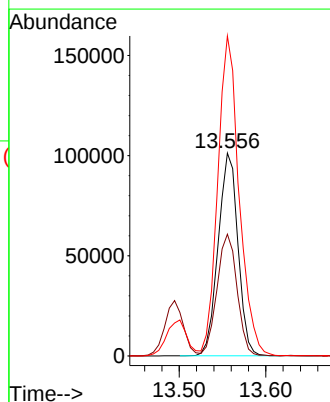
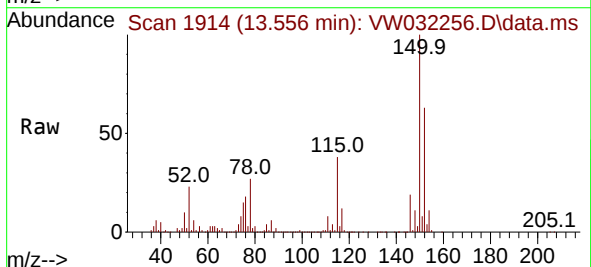
Tgt Ion:152 Resp: 160824

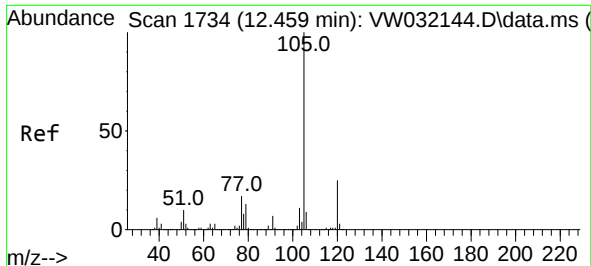
Ion Ratio Lower Upper

152 100

115 60.6 31.8 95.4

150 170.0 0.0 343.0

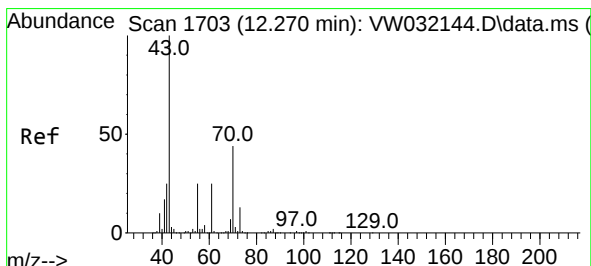
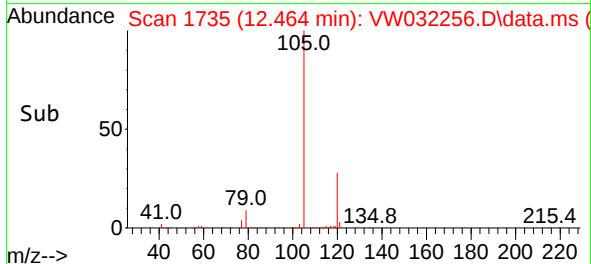
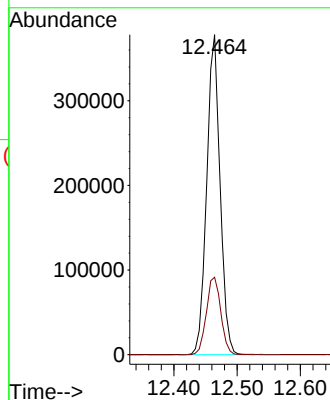
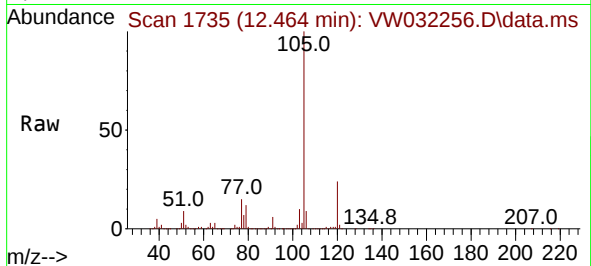




#73
Isopropylbenzene
Concen: 50.820 ug/l
RT: 12.464 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

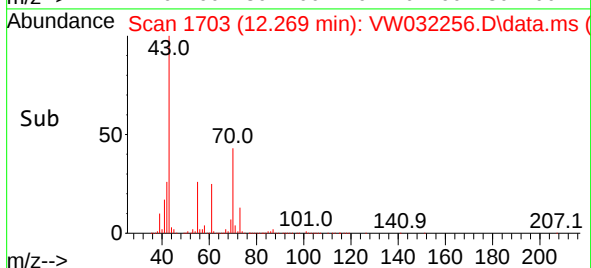
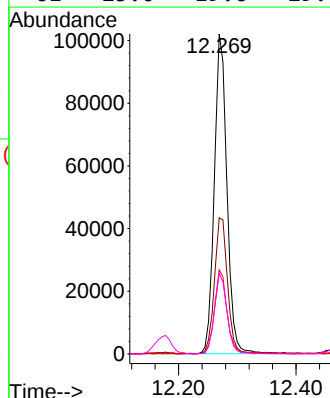
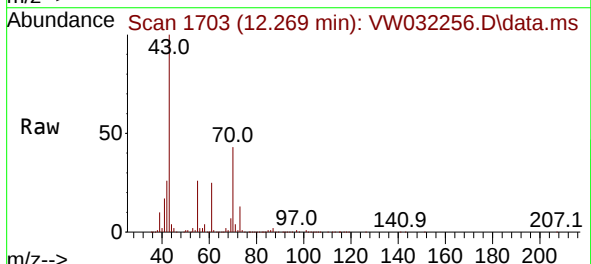
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

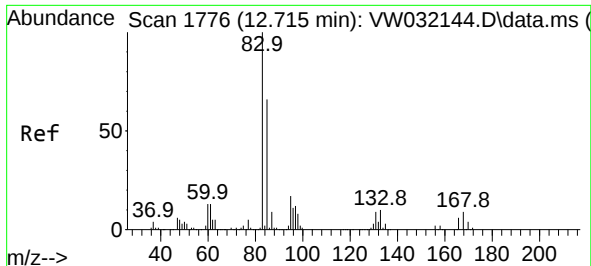
Tgt Ion:105 Resp: 555253
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 47.908 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 43 Resp: 151969
Ion Ratio Lower Upper
43 100
70 44.7 35.3 52.9
55 26.3 19.9 29.9
61 25.0 19.6 29.4

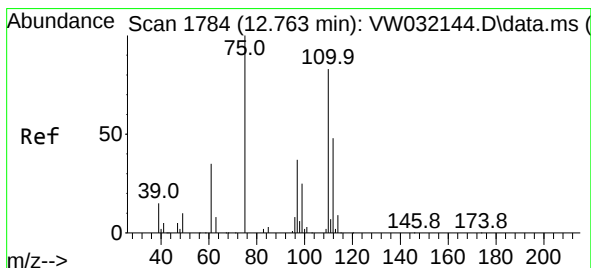
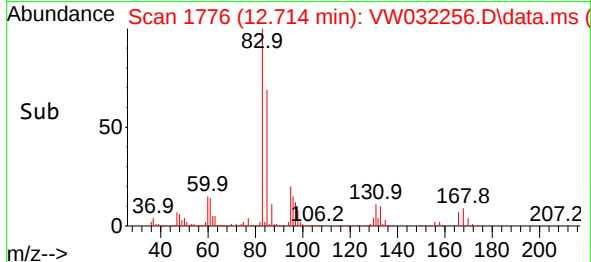
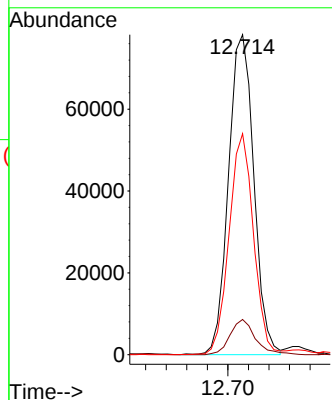
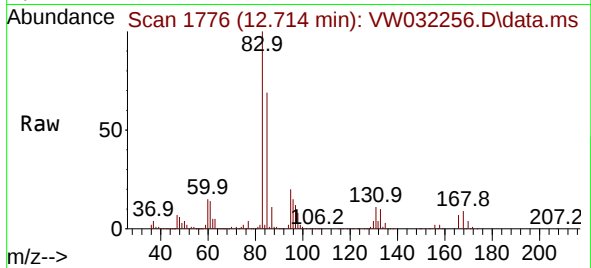




#75
1,1,2,2-Tetrachloroethane
Concen: 51.549 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

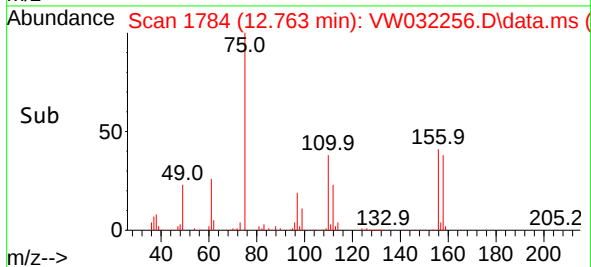
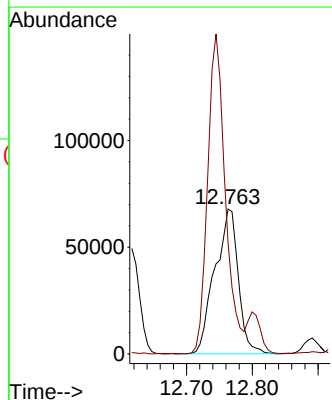
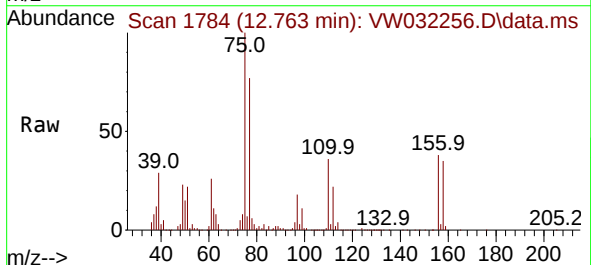
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

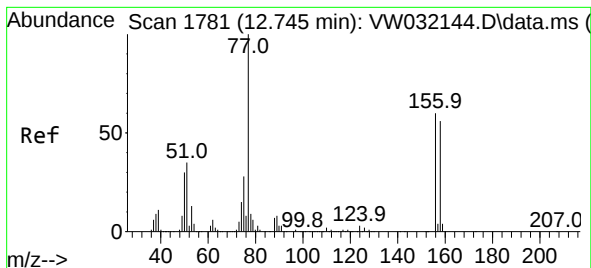
Tgt Ion: 83 Resp: 133849
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.4
85 66.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 83.352 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 75 Resp: 167939
Ion Ratio Lower Upper
75 100
77 167.7 141.7 425.1





#77

Bromobenzene

Concen: 52.873 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

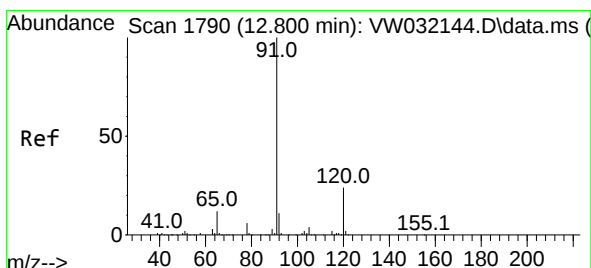
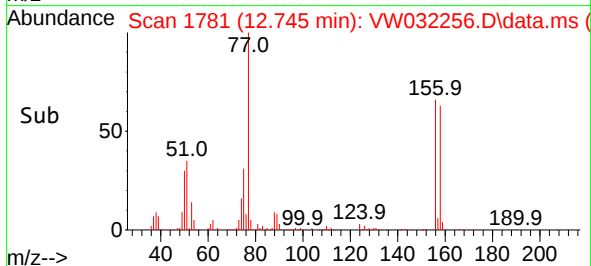
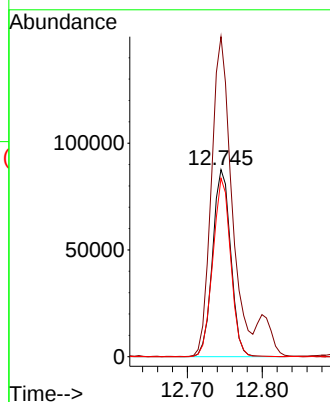
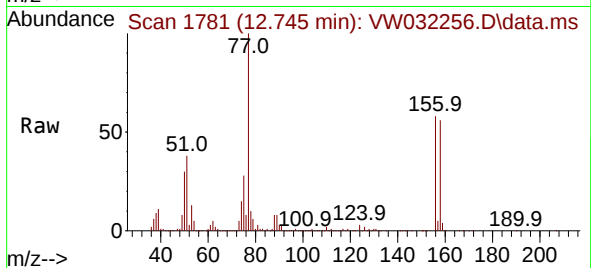
Tgt Ion:156 Resp: 147313

Ion Ratio Lower Upper

156 100

77 191.2 98.6 295.7

158 94.0 48.4 145.0



#78

n-propylbenzene

Concen: 51.623 ug/l

RT: 12.806 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VW032256.D

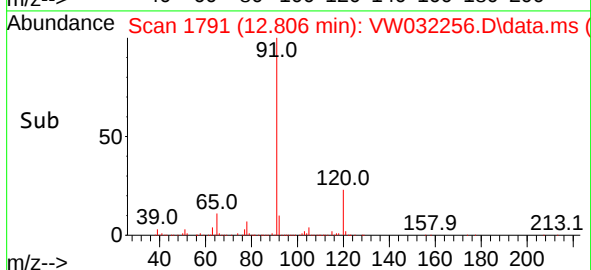
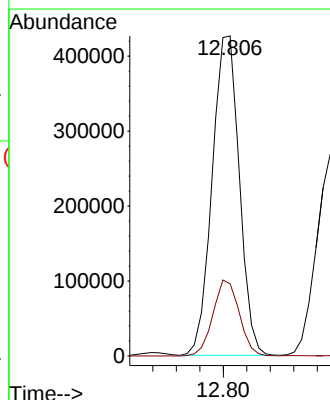
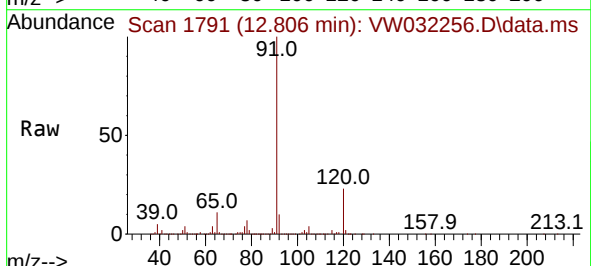
Acq: 24 Sep 2025 19:46

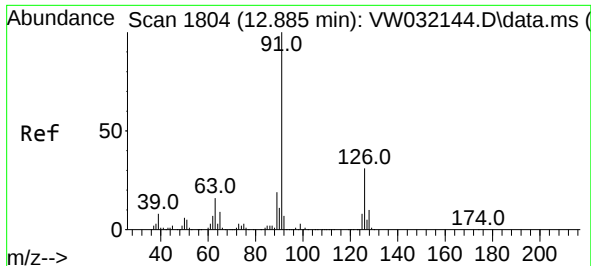
Tgt Ion: 91 Resp: 684768

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4

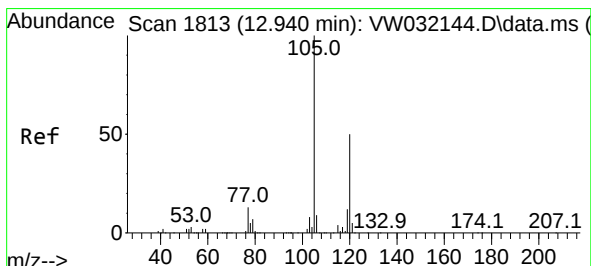
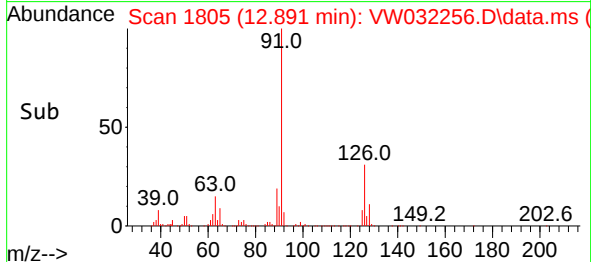
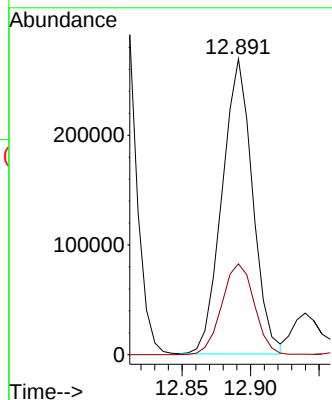
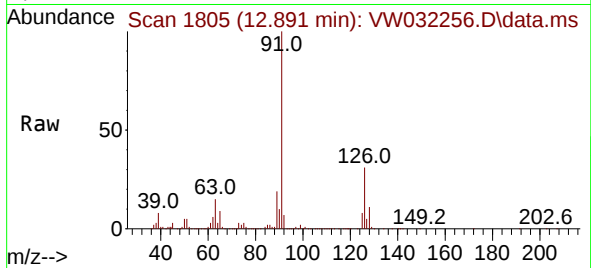




#79
2-Chlorotoluene
Concen: 51.383 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

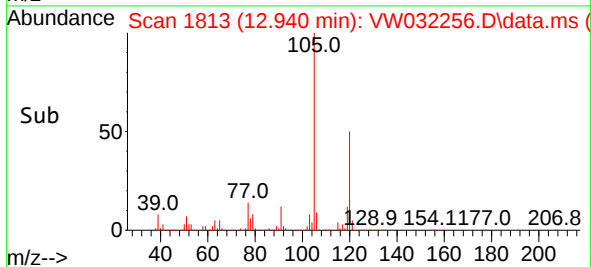
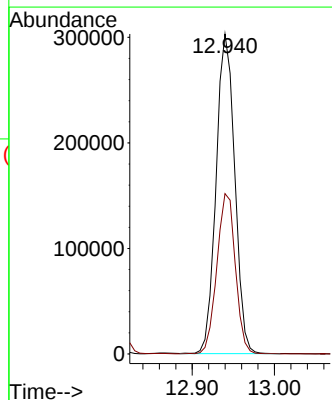
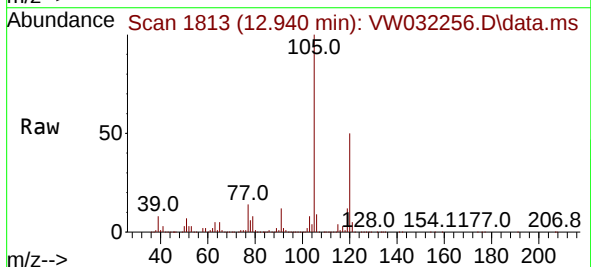
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

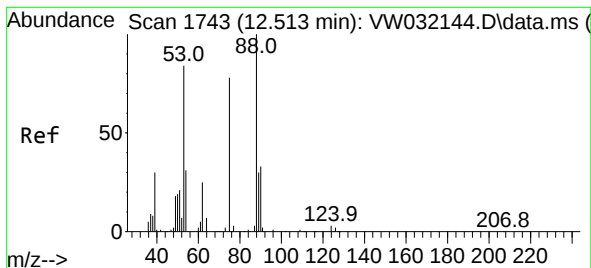
Tgt Ion: 91 Resp: 416791
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 51.623 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 105 Resp: 477537
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

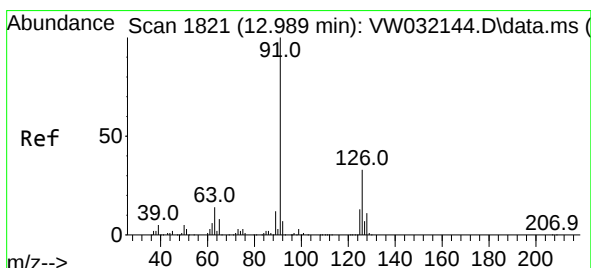
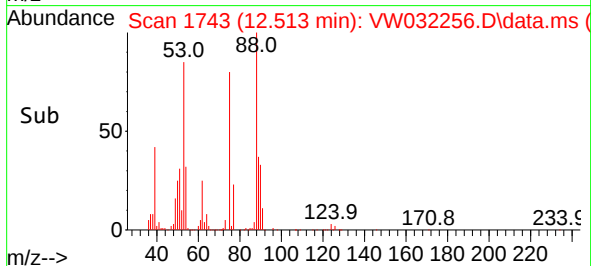
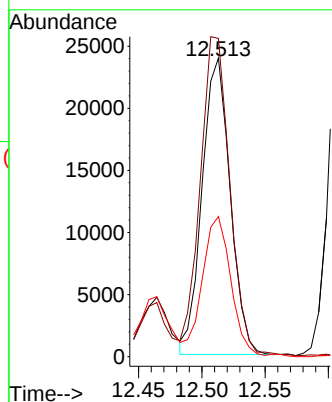
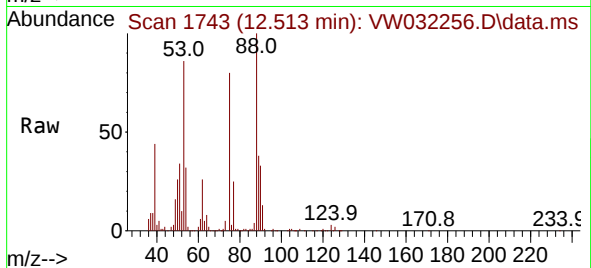




#81
trans-1,4-Dichloro-2-butene
Concen: 49.185 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

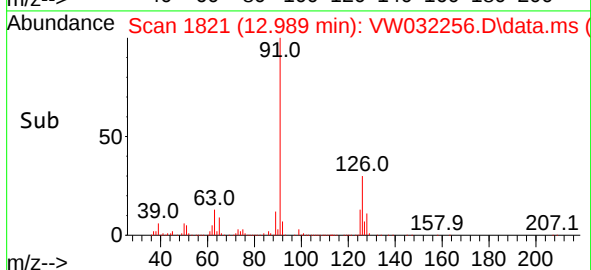
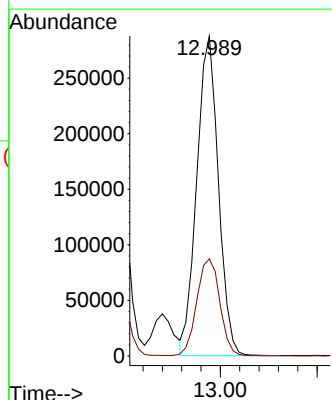
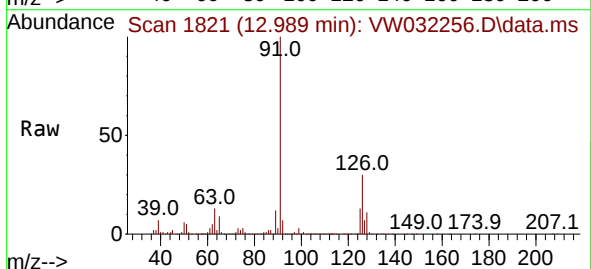
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

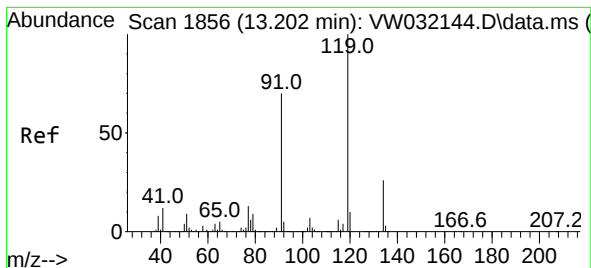
Tgt Ion: 75 Resp: 36806
Ion Ratio Lower Upper
75 100
53 113.7 91.0 136.6
89 48.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 51.474 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 91 Resp: 446930
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 53.325 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

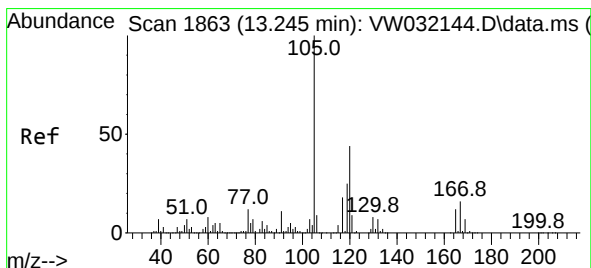
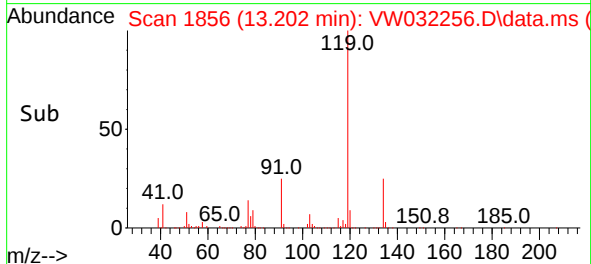
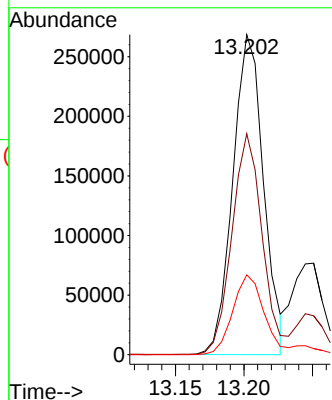
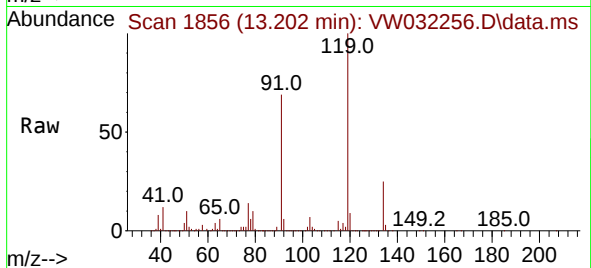
Tgt Ion:119 Resp: 418251

Ion Ratio Lower Upper

119 100

91 68.7 33.8 101.3

134 25.5 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 50.738 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032256.D

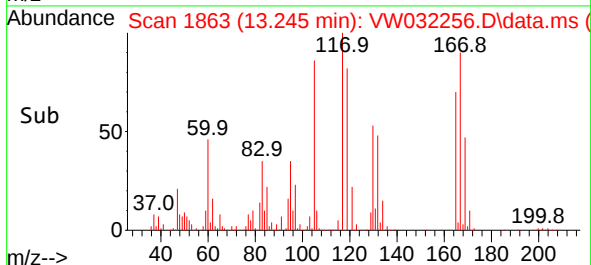
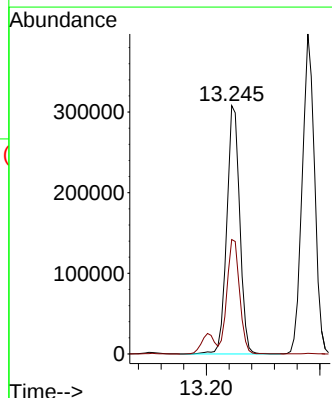
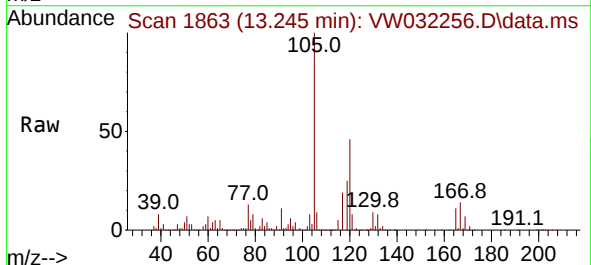
Acq: 24 Sep 2025 19:46

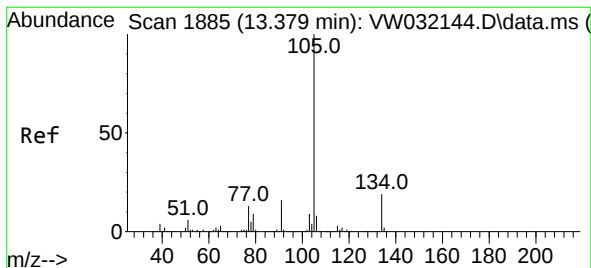
Tgt Ion:105 Resp: 485584

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.220 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

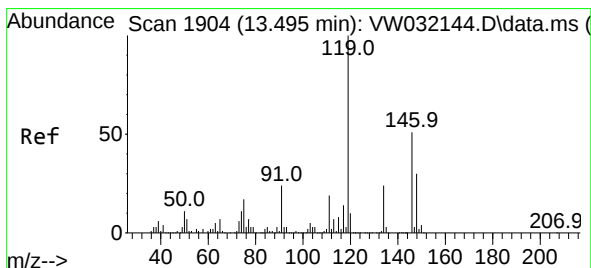
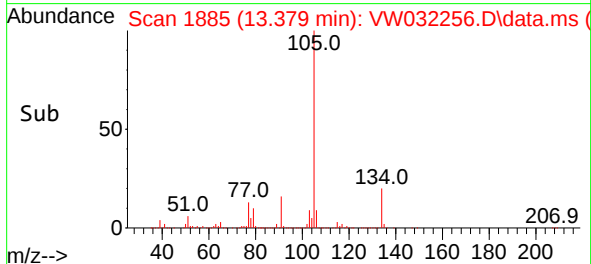
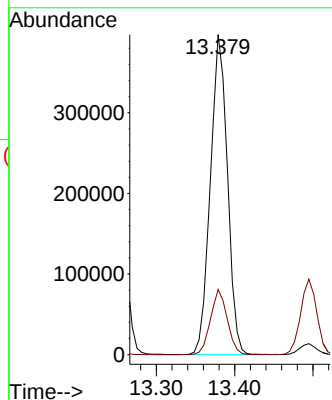
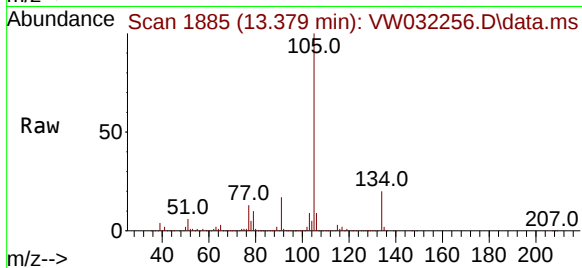
VSTDCCC050EC

Tgt Ion:105 Resp: 599818

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.267 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

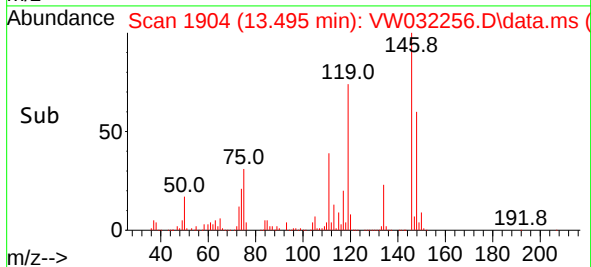
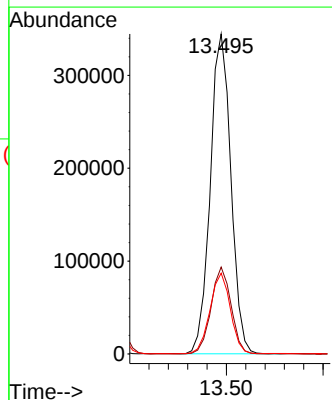
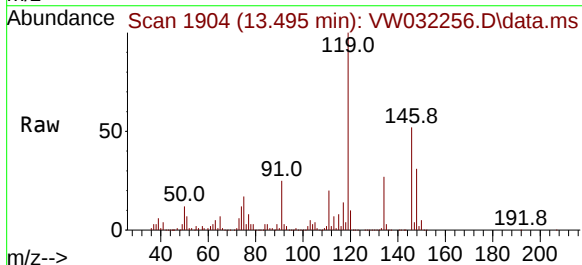
Tgt Ion:119 Resp: 510555

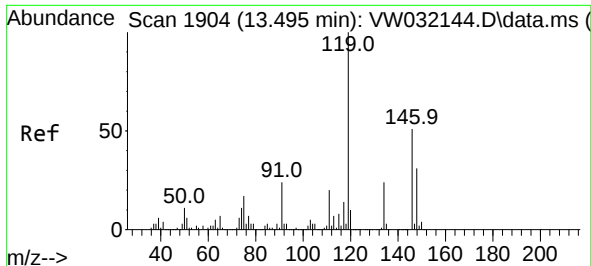
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.6

91 24.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.929 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

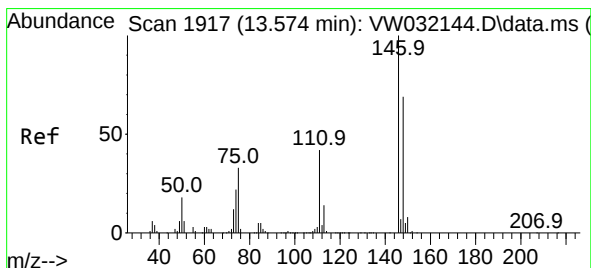
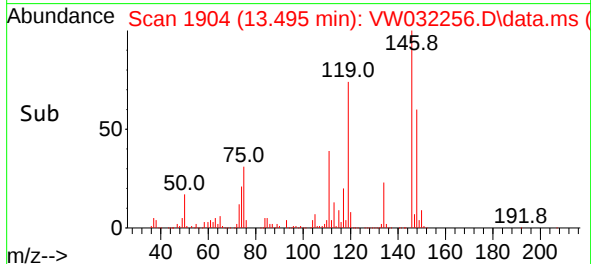
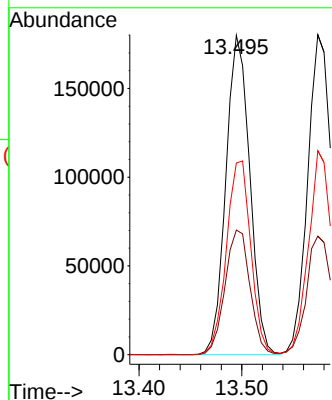
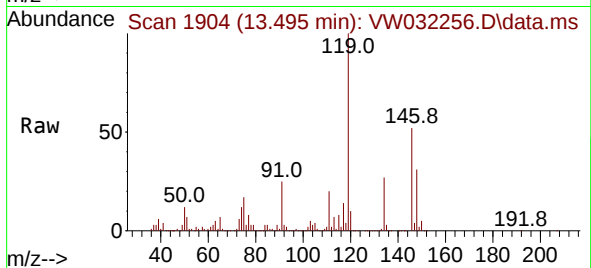
Tgt Ion:146 Resp: 291319

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

148 62.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 51.998 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

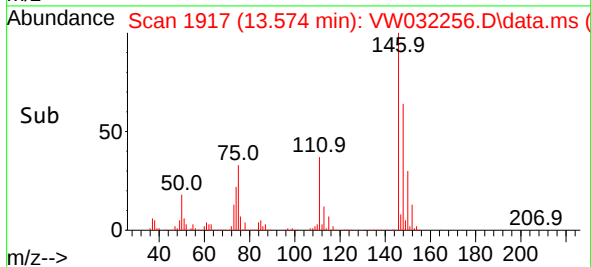
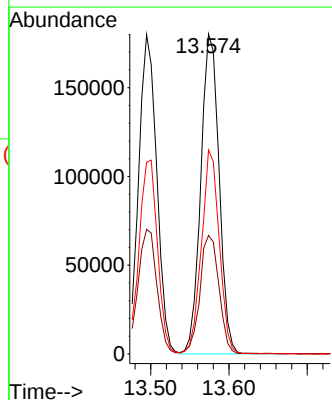
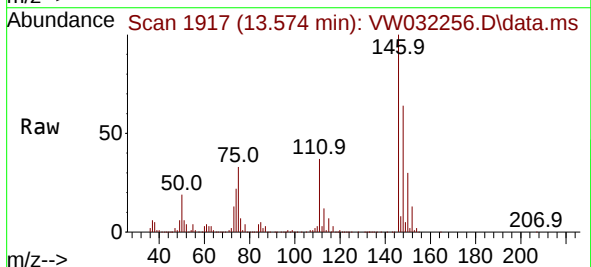
Tgt Ion:146 Resp: 292388

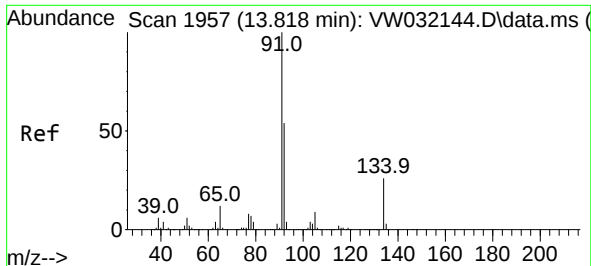
Ion Ratio Lower Upper

146 100

111 38.3 21.3 63.7

148 61.9 33.4 100.1

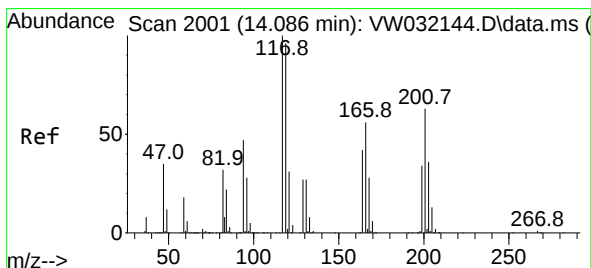
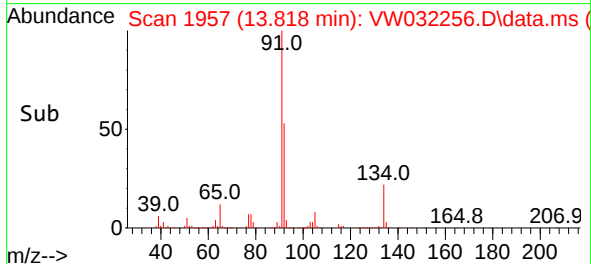
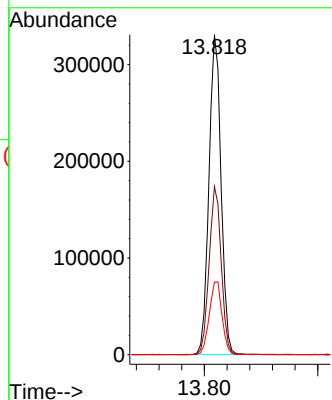
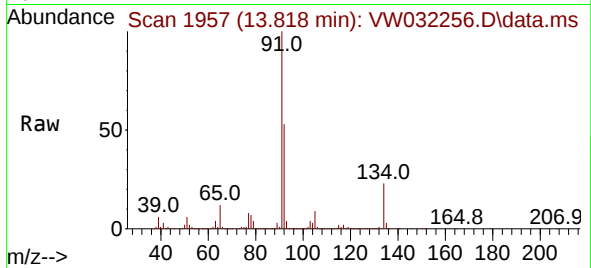




#89
n-Butylbenzene
Concen: 51.565 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

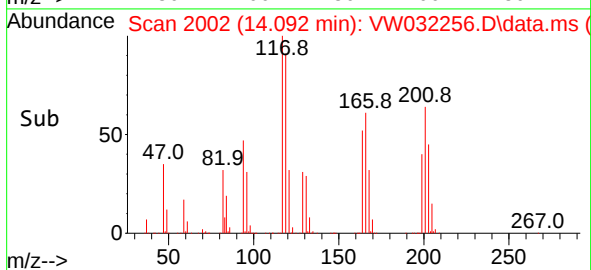
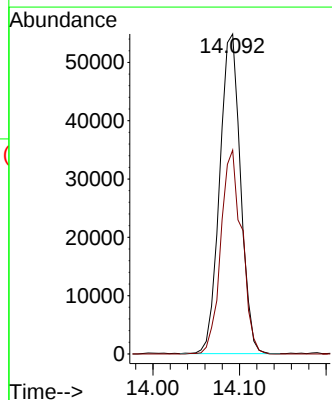
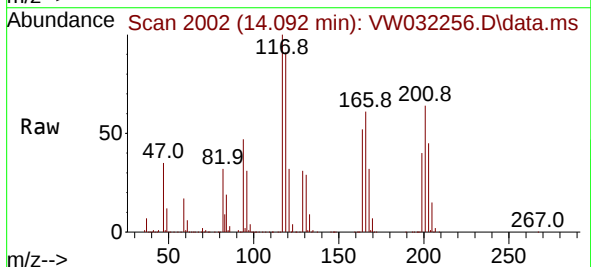
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

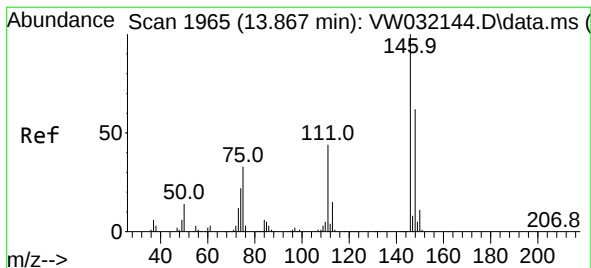
Tgt Ion: 91 Resp: 489588
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 24.0 13.1 39.3



#90
Hexachloroethane
Concen: 50.314 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032256.D
Acq: 24 Sep 2025 19:46

Tgt Ion: 117 Resp: 91652
Ion Ratio Lower Upper
117 100
201 64.2 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 53.568 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

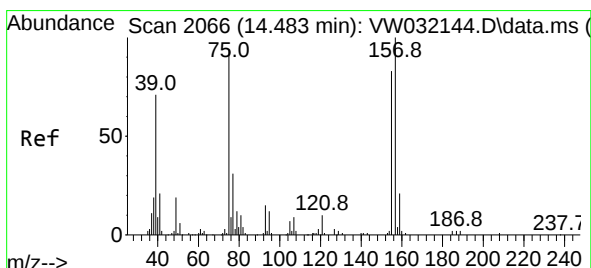
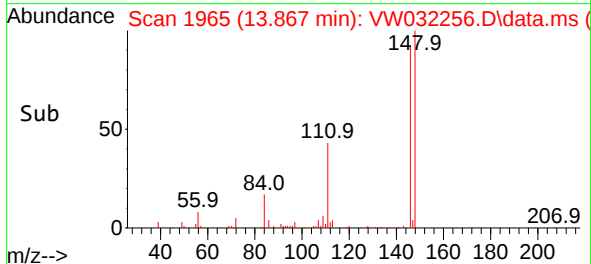
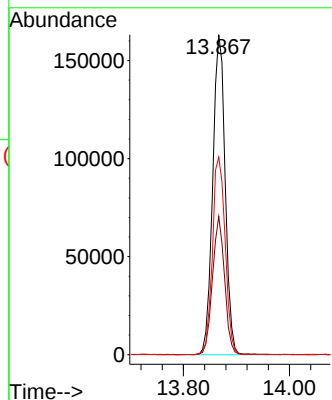
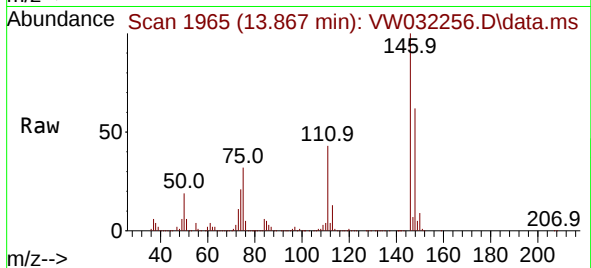
Tgt Ion:146 Resp: 266065

Ion Ratio Lower Upper

146 100

111 42.0 23.4 70.0

148 63.1 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.391 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

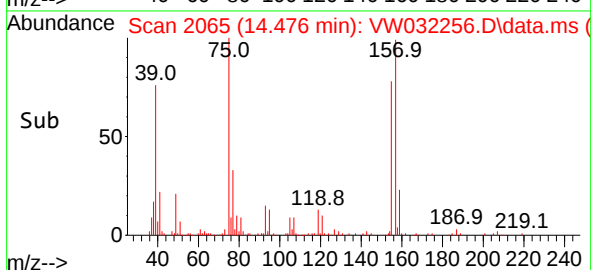
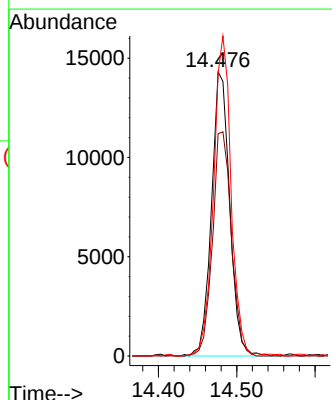
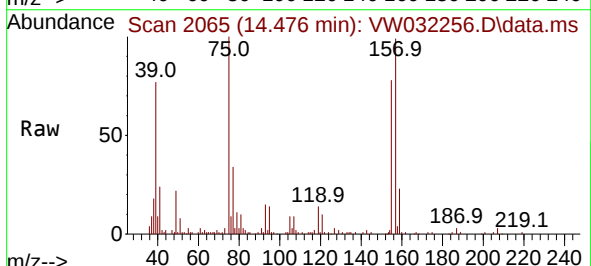
Tgt Ion: 75 Resp: 23115

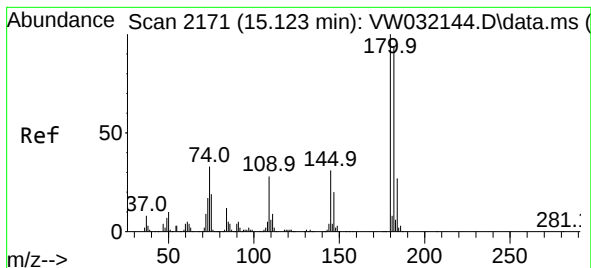
Ion Ratio Lower Upper

75 100

155 81.6 40.8 122.5

157 108.9 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 49.355 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

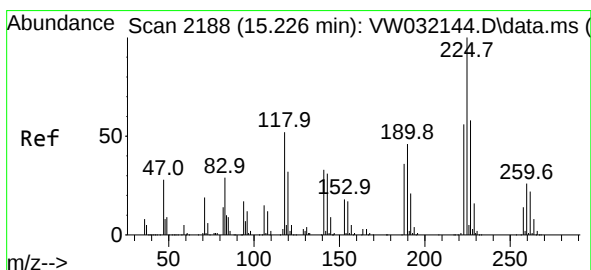
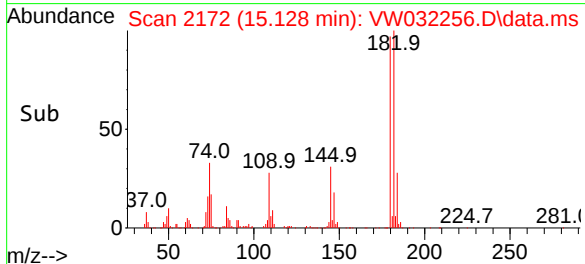
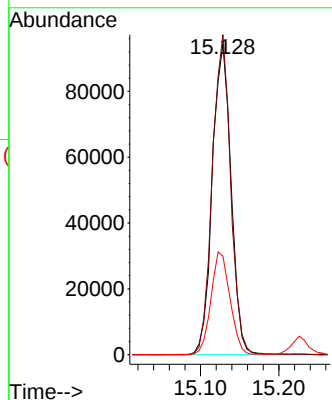
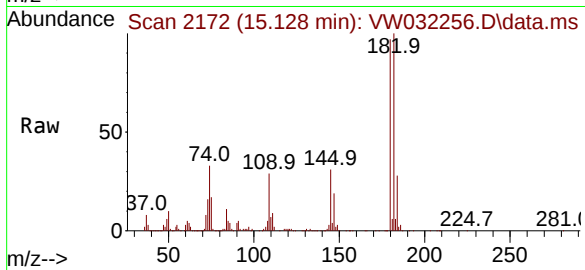
Tgt Ion:180 Resp: 156620

Ion Ratio Lower Upper

180 100

182 101.1 47.4 142.2

145 33.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 47.360 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

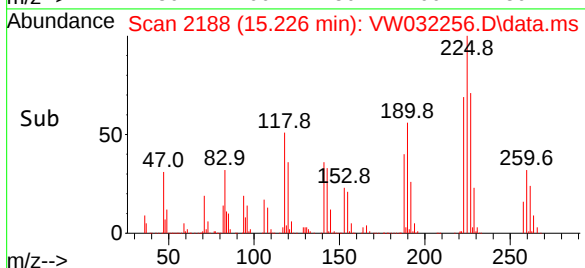
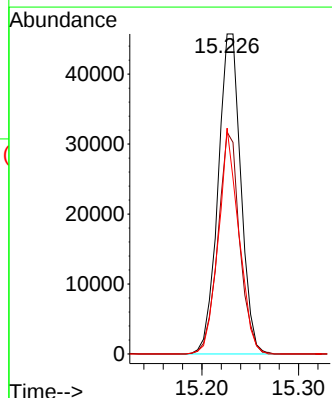
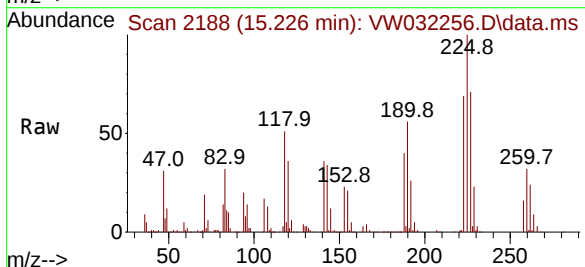
Tgt Ion:225 Resp: 74537

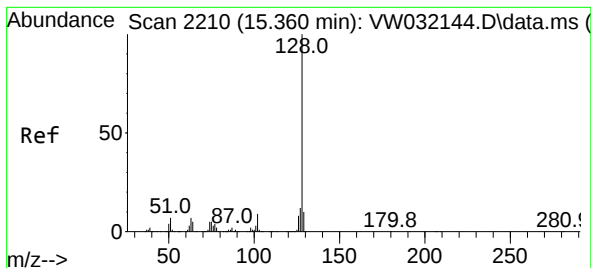
Ion Ratio Lower Upper

225 100

223 66.2 29.8 89.3

227 63.5 30.5 91.5





#95

Naphthalene

Concen: 55.375 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

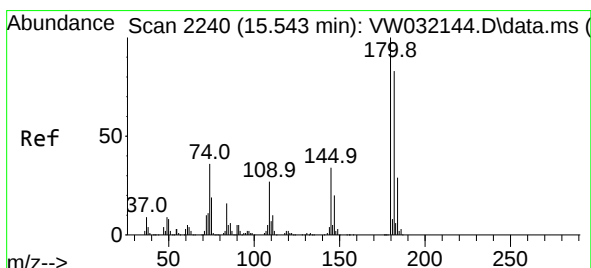
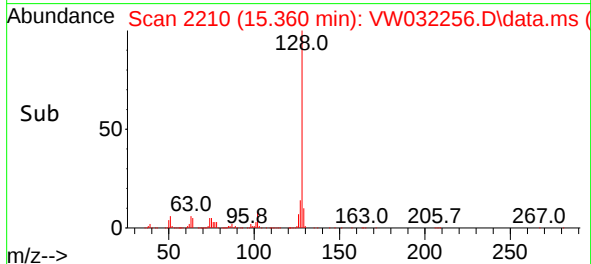
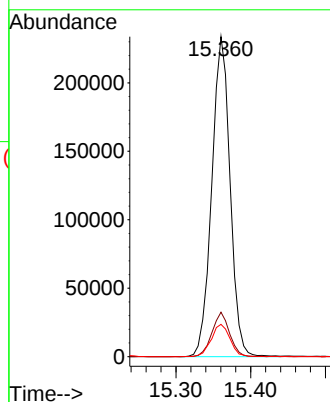
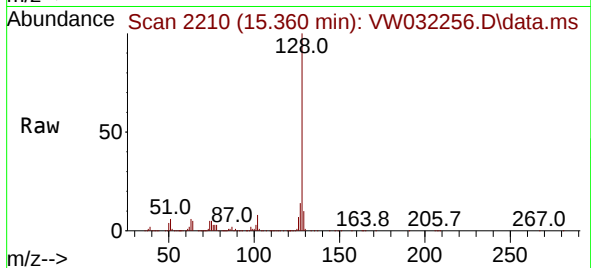
Tgt Ion:128 Resp: 397687

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.121 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032256.D

Acq: 24 Sep 2025 19:46

Tgt Ion:180 Resp: 147916

Ion Ratio Lower Upper

180 100

182 97.1 47.7 143.1

145 37.0 17.2 51.6

