

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032241.D
 Acq On : 24 Sep 2025 12:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 05:02:58 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	159364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	285121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	263383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	126820	55.644	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.280%	
35) Dibromofluoromethane	7.898	113	109934	54.956	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 109.920%	
50) Toluene-d8	10.325	98	375602	53.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.980%	
62) 4-Bromofluorobenzene	12.617	95	140573	54.134	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 108.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50462	47.960	ug/l	96
3) Chloromethane	2.259	50	51179	46.393	ug/l	100
4) Vinyl Chloride	2.405	62	71326	49.779	ug/l	100
5) Bromomethane	2.820	94	63936	49.968	ug/l	87
6) Chloroethane	2.966	64	52157	51.688	ug/l	98
7) Trichlorofluoromethane	3.302	101	63784	44.928	ug/l	96
8) Diethyl Ether	3.716	74	57140	53.933	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	85171	53.255	ug/l	99
10) Methyl Iodide	4.314	142	130051	53.404	ug/l	98
11) Tert butyl alcohol	5.228	59	34067	244.370	ug/l	98
12) 1,1-Dichloroethene	4.076	96	91646	54.413	ug/l	97
13) Acrolein	3.930	56	8421	39.297	ug/l	95
14) Allyl chloride	4.704	41	121556	50.809	ug/l	99
15) Acrylonitrile	5.405	53	144458	280.449	ug/l	100
16) Acetone	4.161	43	118689	240.461	ug/l	99
17) Carbon Disulfide	4.417	76	195933	46.511	ug/l	97
18) Methyl Acetate	4.704	43	114902	73.062	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	175812	55.278	ug/l	99
20) Methylene Chloride	4.948	84	107657	53.735	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	100969	53.663	ug/l	95
22) Diisopropyl ether	6.344	45	297735	57.180	ug/l	95
23) Vinyl Acetate	6.283	43	910958	257.319	ug/l	99
24) 1,1-Dichloroethane	6.240	63	187934	55.131	ug/l	99
25) 2-Butanone	7.191	43	193146	276.147	ug/l	98
26) 2,2-Dichloropropane	7.191	77	90367	50.059	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	124653	54.445	ug/l	98
28) Bromochloromethane	7.533	49	90321	57.881	ug/l	97
29) Tetrahydrofuran	7.557	42	126259	284.070	ug/l	98
30) Chloroform	7.691	83	217916	55.991	ug/l	95
31) Cyclohexane	7.972	56	129420	46.256	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	155704	54.804	ug/l	99
36) 1,1-Dichloropropene	8.093	75	133665	51.535	ug/l	99
37) Ethyl Acetate	7.277	43	82193	52.826	ug/l	100
38) Carbon Tetrachloride	8.081	117	141782	50.993	ug/l	98
39) Methylcyclohexane	9.343	83	148947	48.484	ug/l	96
40) Benzene	8.337	78	426097	53.147	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	45837	53.025	ug/l	96
42) 1,2-Dichloroethane	8.410	62	150558	54.171	ug/l	99
43) Isopropyl Acetate	8.435	43	151768	51.995	ug/l	98
44) Trichloroethene	9.099	130	103757	51.462	ug/l	90
45) 1,2-Dichloropropane	9.374	63	106903	55.313	ug/l	96
46) Dibromomethane	9.465	93	75073	55.381	ug/l	97
47) Bromodichloromethane	9.648	83	170688	55.409	ug/l	94
48) Methyl methacrylate	9.441	41	73737	54.816	ug/l	95
49) 1,4-Dioxane	9.465	88	19214	1173.130	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	471771	286.239	ug/l	99
52) Toluene	10.392	92	276980	52.868	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	143109	52.661	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	165518	53.380	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	99488	56.440	ug/l	97
56) Ethyl methacrylate	10.648	69	124101	55.068	ug/l	99
57) 1,3-Dichloropropane	10.934	76	162268	54.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	362434	301.308	ug/l	99
59) 2-Hexanone	10.971	43	328975	286.998	ug/l	99
60) Dibromochloromethane	11.130	129	121475	56.950	ug/l	99
61) 1,2-Dibromoethane	11.239	107	94474	54.500	ug/l	99
64) Tetrachloroethene	10.861	164	95085	54.852	ug/l	95
65) Chlorobenzene	11.660	112	325820	54.349	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	110786	56.131	ug/l	96
67) Ethyl Benzene	11.733	91	534019	54.368	ug/l	99
68) m/p-Xylenes	11.837	106	412192	109.038	ug/l	100
69) o-Xylene	12.166	106	194080	54.277	ug/l	99
70) Styrene	12.178	104	364451	57.819	ug/l	97
71) Bromoform	12.349	173	64592	55.101	ug/l #	97
73) Isopropylbenzene	12.465	105	501620	49.958	ug/l	98
74) N-amyl acetate	12.270	43	138299	47.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	124582	52.209	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	148941	80.439	ug/l	40
77) Bromobenzene	12.745	156	132779	51.857	ug/l	96
78) n-propylbenzene	12.800	91	624108	51.197	ug/l	98
79) 2-Chlorotoluene	12.891	91	383600	51.459	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	437834	51.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	34736	50.511	ug/l	96
82) 4-Chlorotoluene	12.983	91	397572	49.825	ug/l	97
83) tert-Butylbenzene	13.202	119	371745	51.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	451989	51.391	ug/l	99
85) sec-Butylbenzene	13.379	105	537371	49.932	ug/l	100
86) p-Isopropyltoluene	13.495	119	455074	49.723	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	257879	50.020	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	260422	50.395	ug/l	96
89) n-Butylbenzene	13.818	91	432965	49.621	ug/l	98
90) Hexachloroethane	14.092	117	83029	49.598	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	240599	52.711	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	21859	51.853	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	145050	49.738	ug/l	99
94) Hexachlorobutadiene	15.226	225	67827	46.895	ug/l	98
95) Naphthalene	15.360	128	340442	51.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	139633	51.484	ug/l	99

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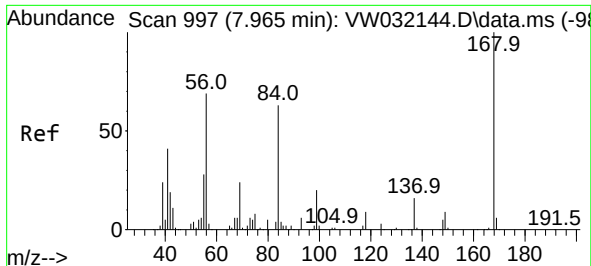
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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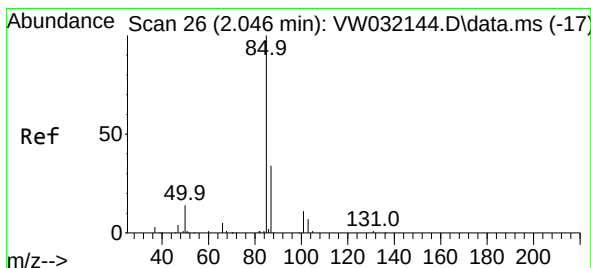
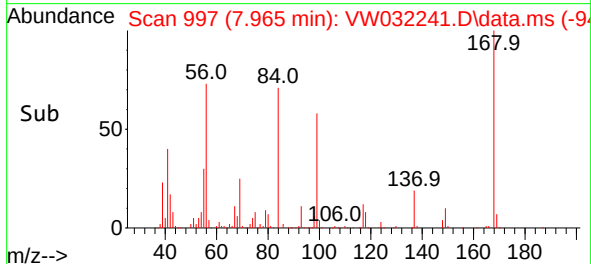
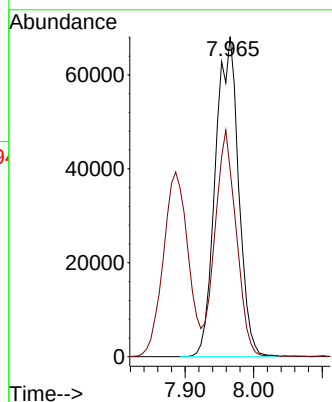
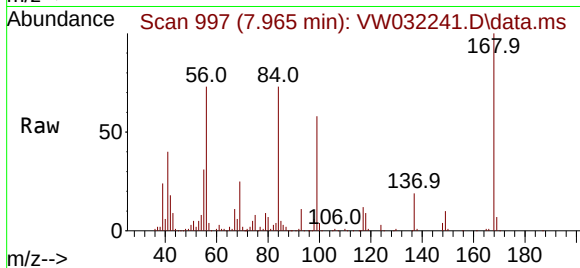




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032241.D
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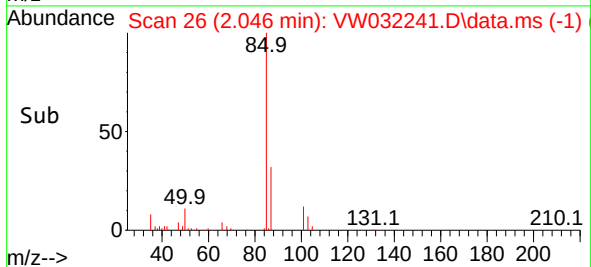
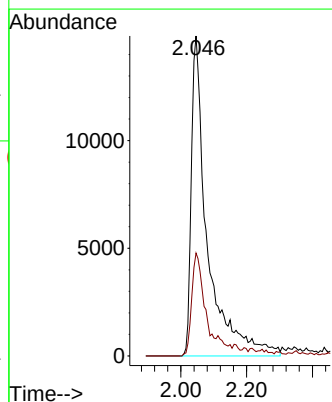
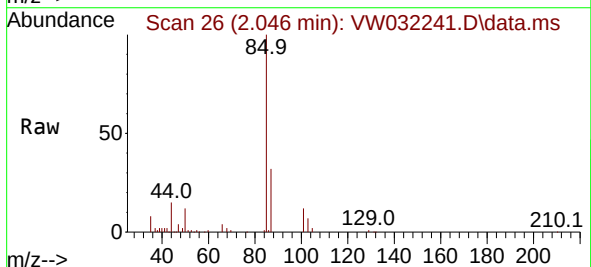
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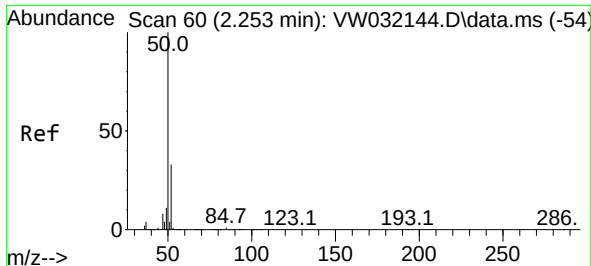
Tgt Ion:168 Resp: 159364
Ion Ratio Lower Upper
168 100
99 58.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.960 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 85 Resp: 50462
Ion Ratio Lower Upper
85 100
87 32.1 17.2 51.6

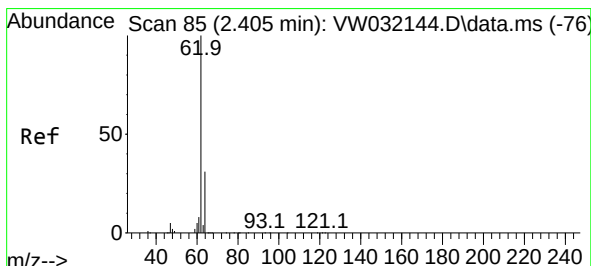
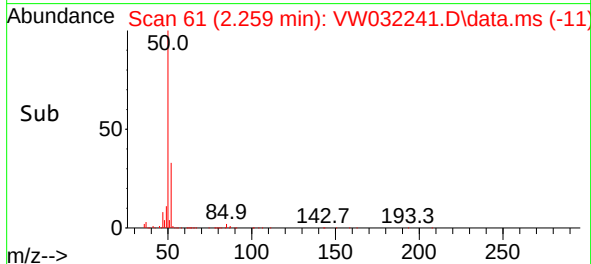
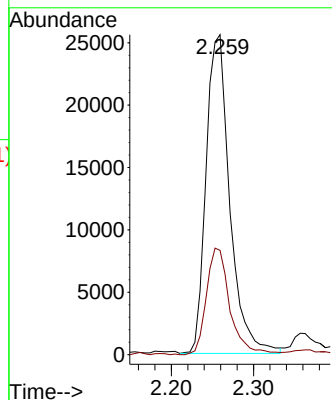
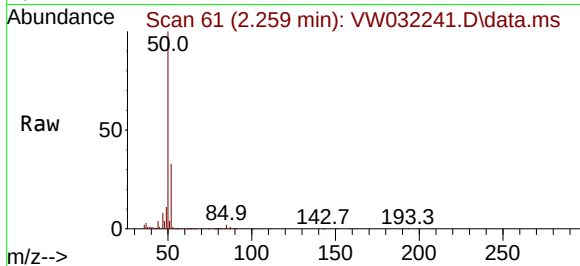




#3
Chloromethane
Concen: 46.393 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

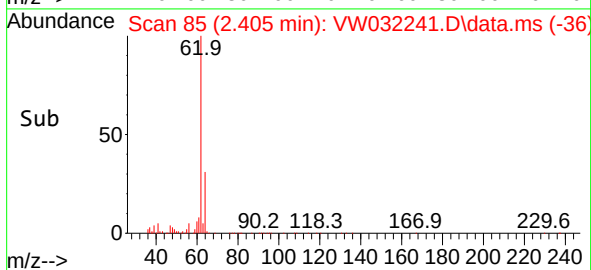
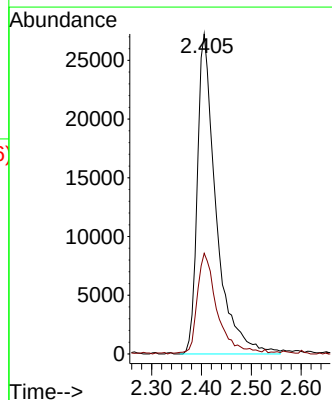
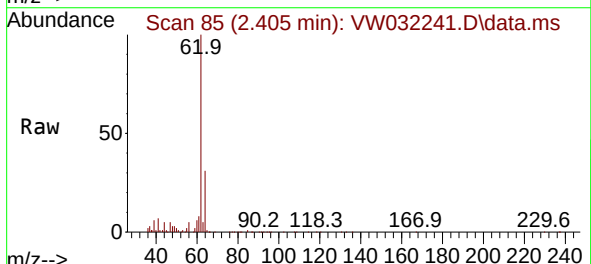
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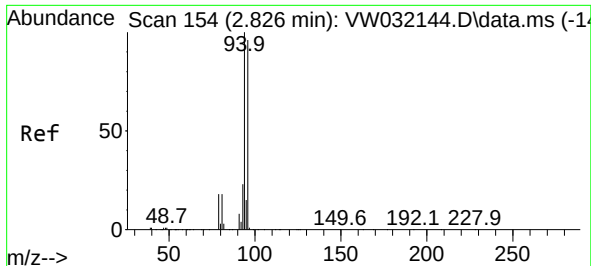
Tgt Ion: 50 Resp: 51179
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 49.779 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 62 Resp: 71326
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2

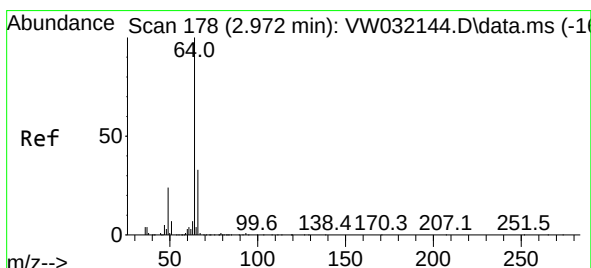
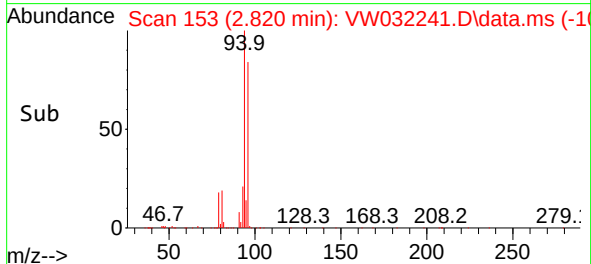
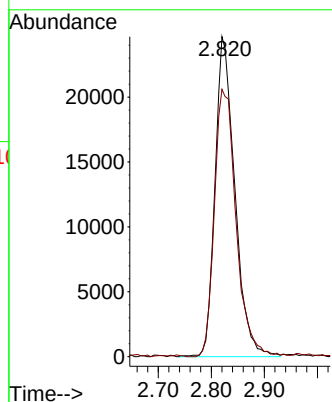
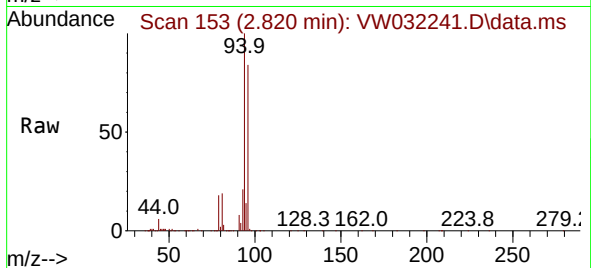




#5
Bromomethane
Concen: 49.968 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

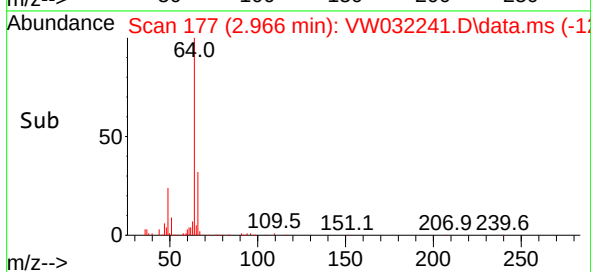
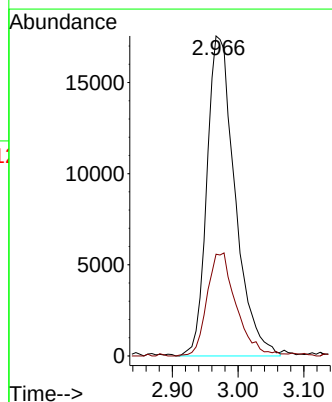
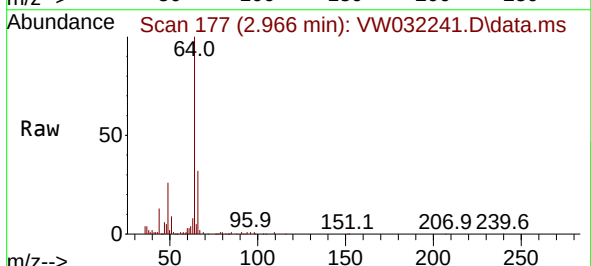
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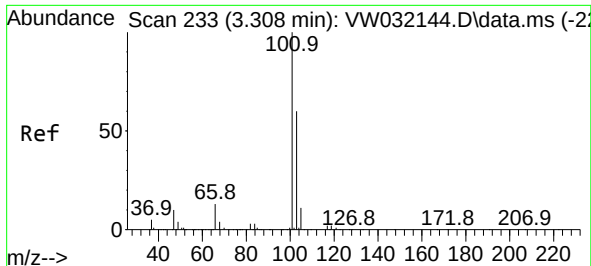
Tgt Ion: 94 Resp: 63936
Ion Ratio Lower Upper
94 100
96 83.2 76.6 115.0



#6
Chloroethane
Concen: 51.688 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 64 Resp: 52157
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4

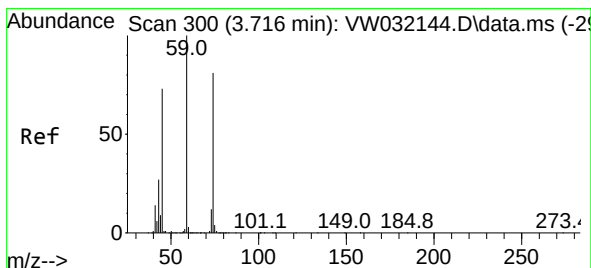
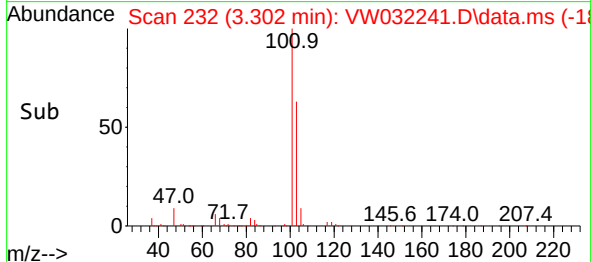
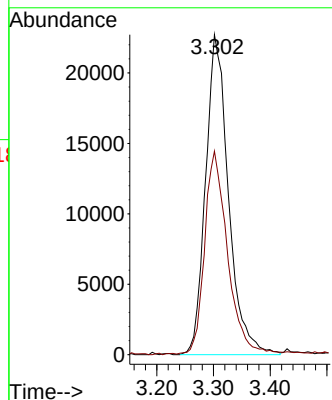
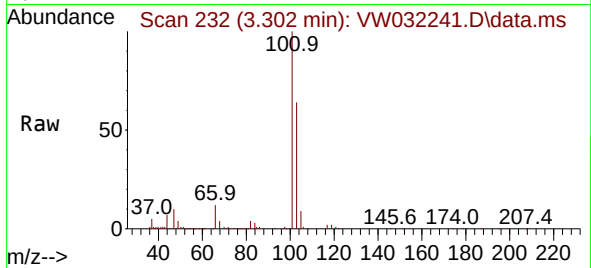




#7
 Trichlorofluoromethane
 Concen: 44.928 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032241.D
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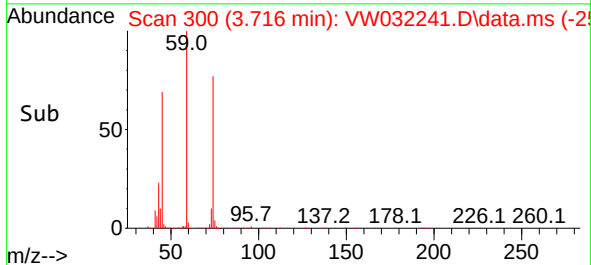
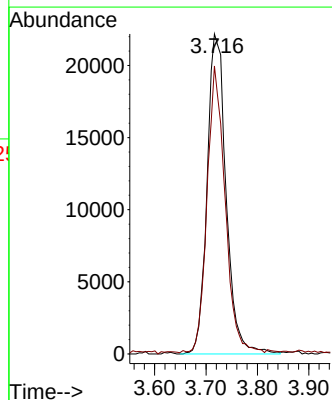
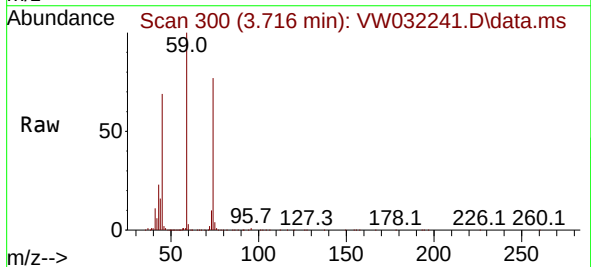
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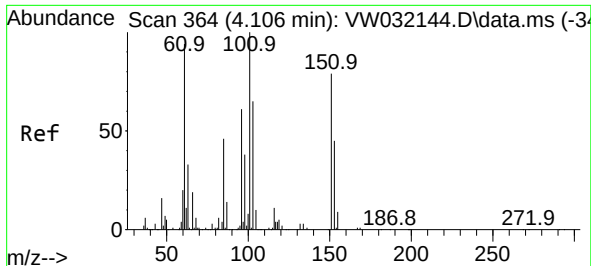
Tgt Ion:101 Resp: 63784
 Ion Ratio Lower Upper
 101 100
 103 63.2 47.8 71.8



#8
 Diethyl Ether
 Concen: 53.933 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 57140
 Ion Ratio Lower Upper
 74 100
 45 84.5 43.1 129.4

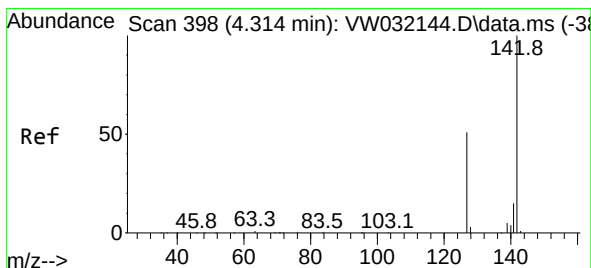
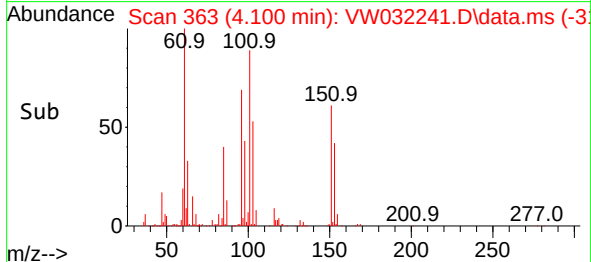
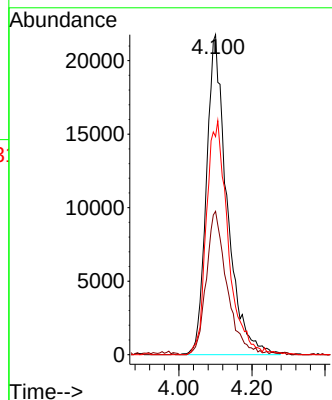
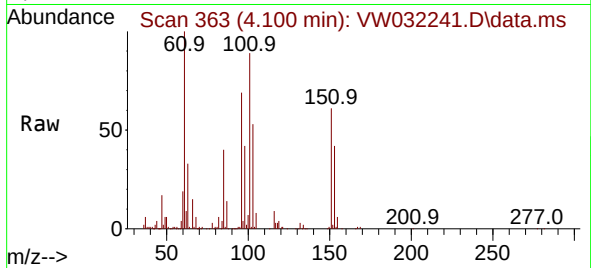




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.255 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032241.D
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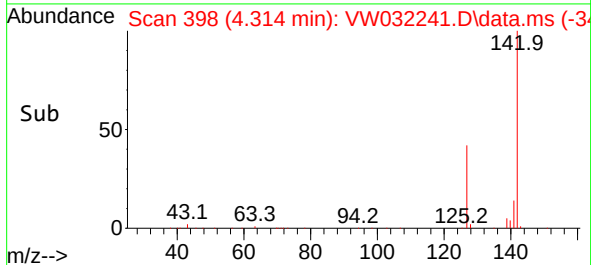
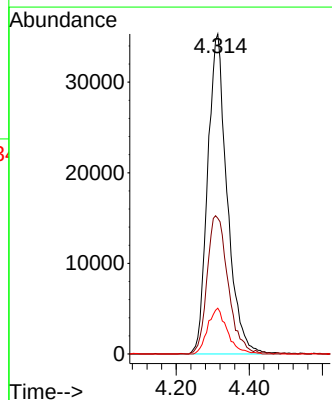
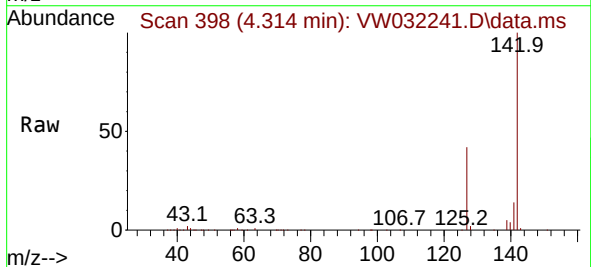
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

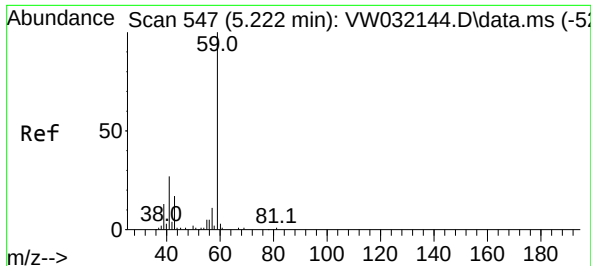
Tgt Ion:101 Resp: 85171
Ion Ratio Lower Upper
101 100
85 44.9 37.1 55.7
151 76.4 61.5 92.3



#10
Methyl Iodide
Concen: 53.404 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:142 Resp: 130051
Ion Ratio Lower Upper
142 100
127 46.6 38.2 57.2
141 14.5 12.2 18.2

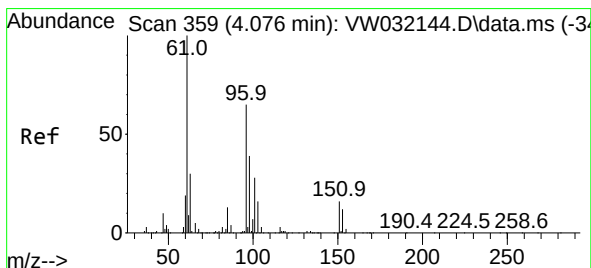
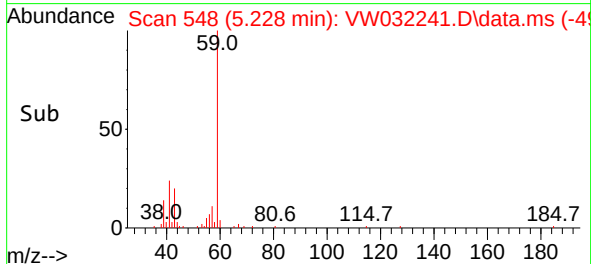
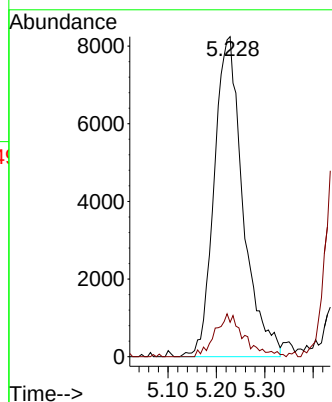
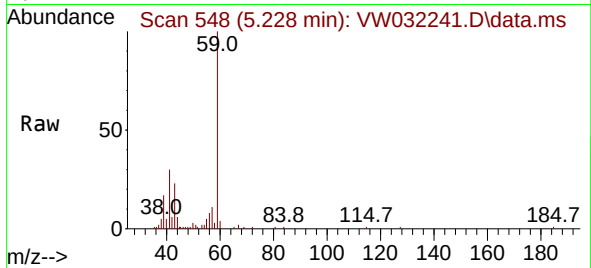




#11
Tert butyl alcohol
Concen: 244.370 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

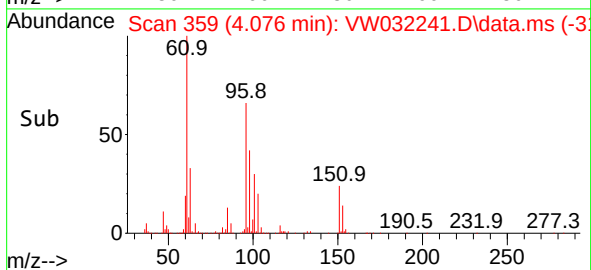
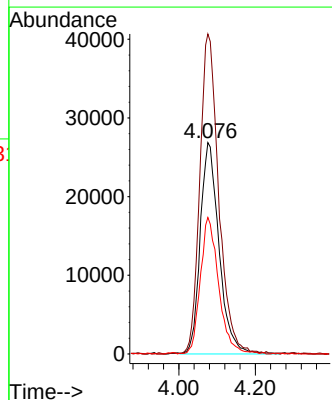
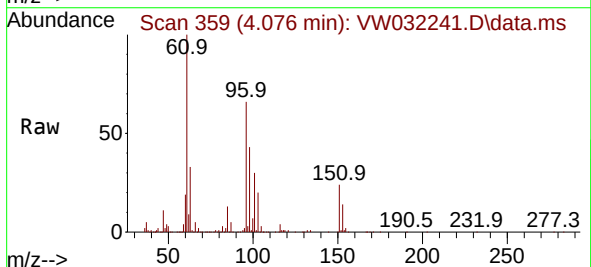
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

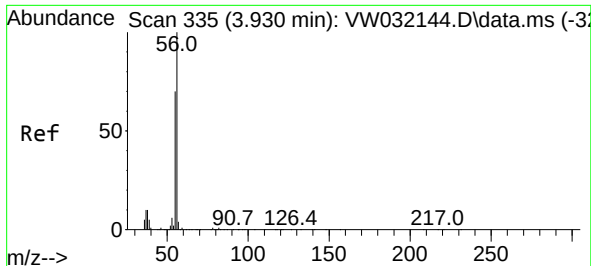
Tgt Ion: 59 Resp: 34067
Ion Ratio Lower Upper
59 100
57 12.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 54.413 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 96 Resp: 91646
Ion Ratio Lower Upper
96 100
61 151.1 123.0 184.4
98 64.6 48.5 72.7

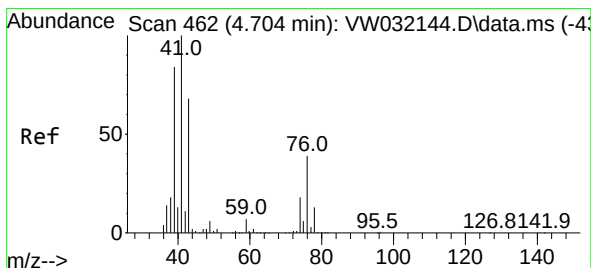
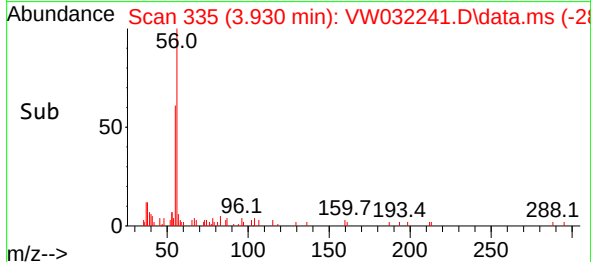
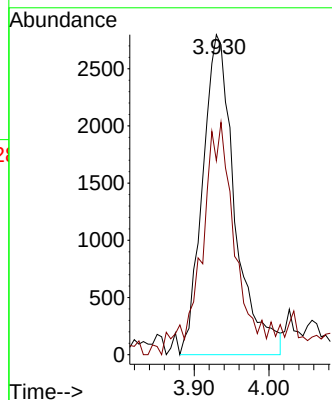
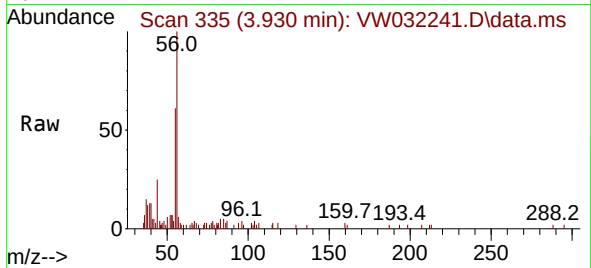




#13
Acrolein
Concen: 39.297 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

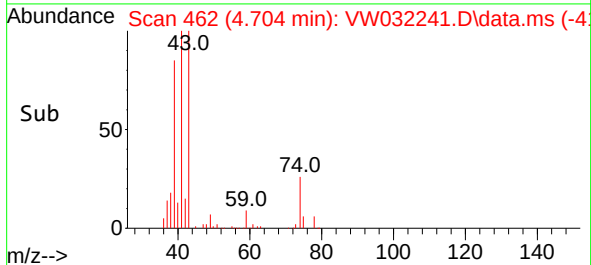
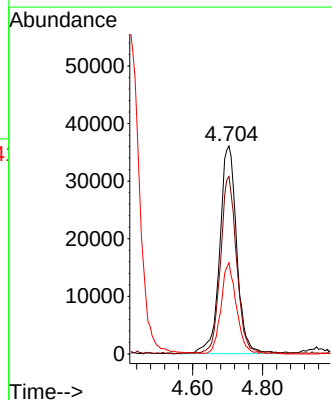
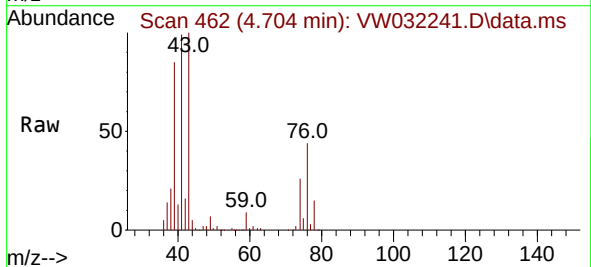
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

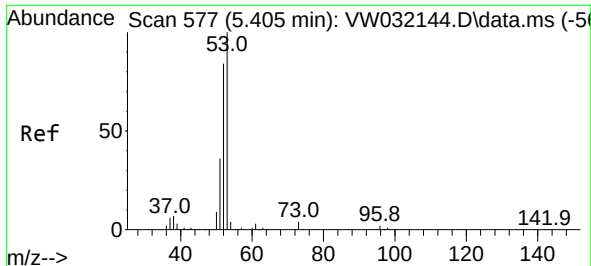
Tgt Ion: 56 Resp: 8421
Ion Ratio Lower Upper
56 100
55 74.3 56.4 84.6



#14
Allyl chloride
Concen: 50.809 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 121556
Ion Ratio Lower Upper
41 100
39 81.7 64.1 96.1
76 39.0 31.4 47.2

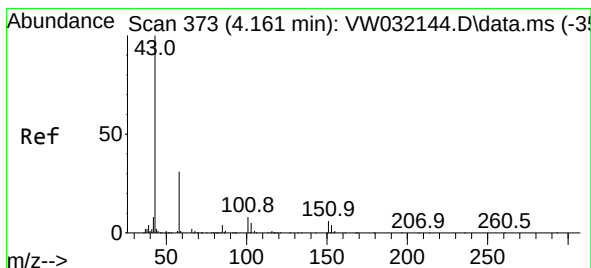
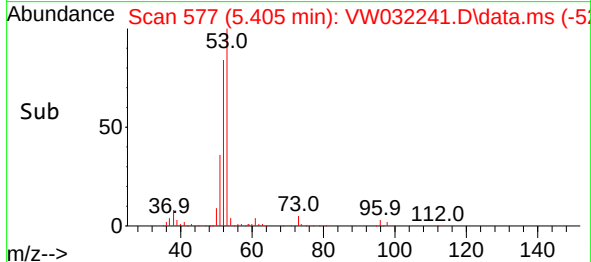
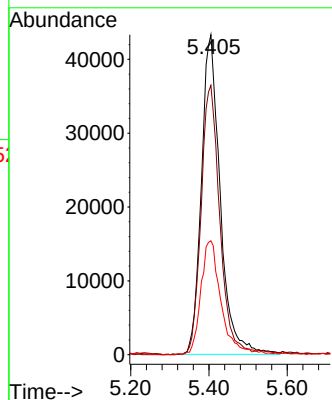
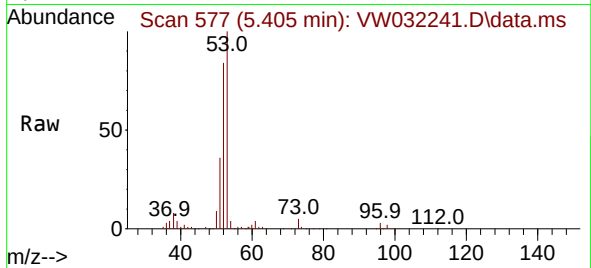




#15
Acrylonitrile
Concen: 280.449 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

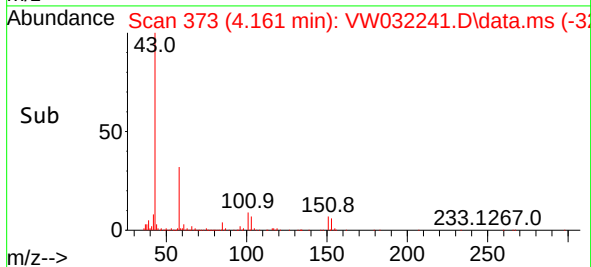
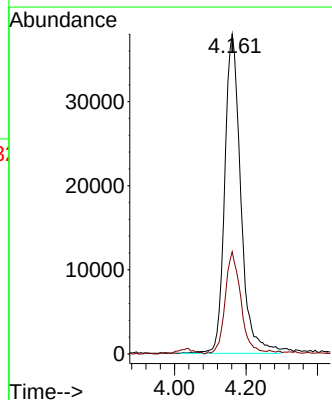
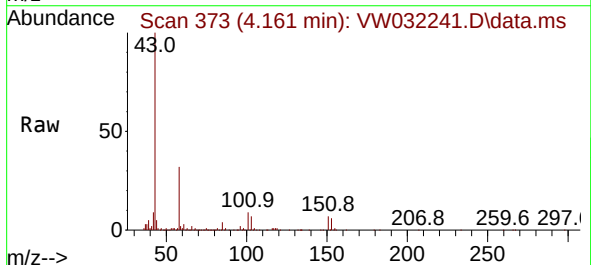
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

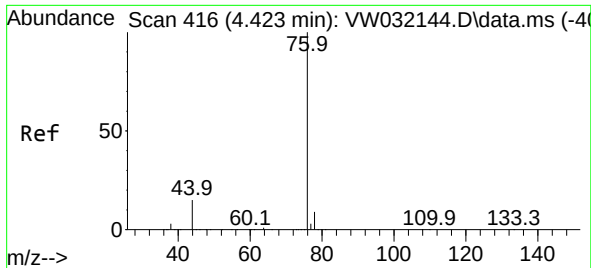
Tgt Ion: 53 Resp: 144458
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.8 30.3 45.5



#16
Acetone
Concen: 240.461 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 118689
Ion Ratio Lower Upper
43 100
58 31.2 25.3 37.9

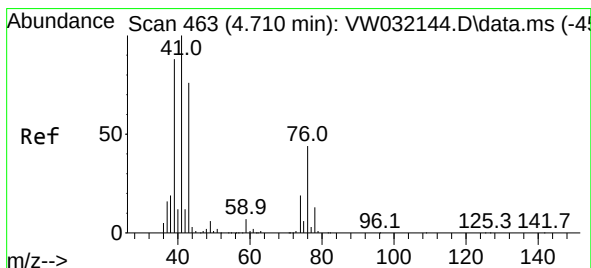
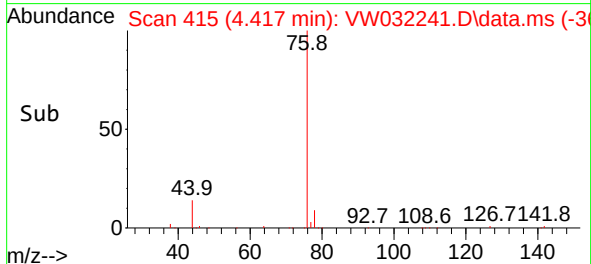
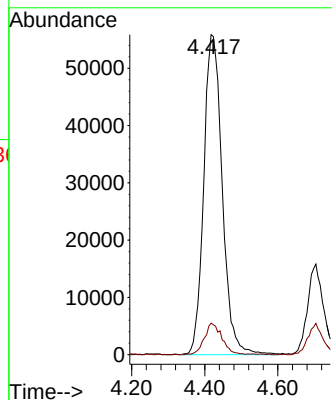
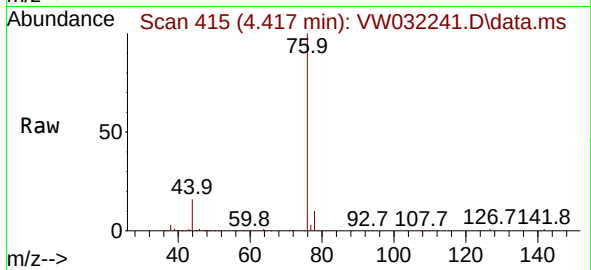




#17
Carbon Disulfide
Concen: 46.511 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

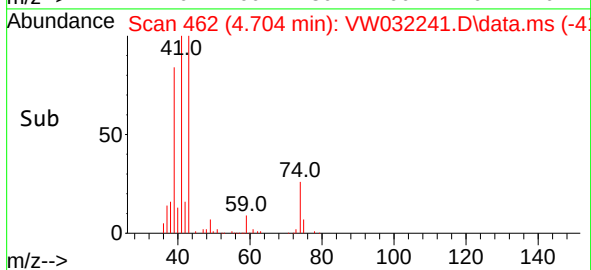
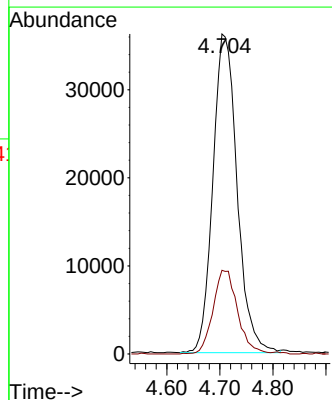
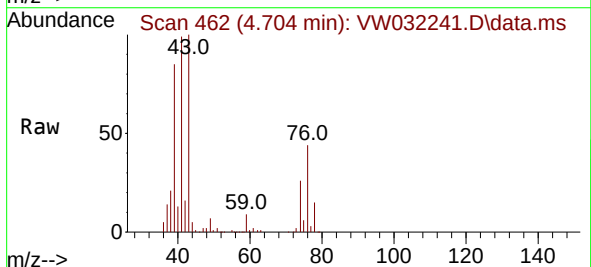
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

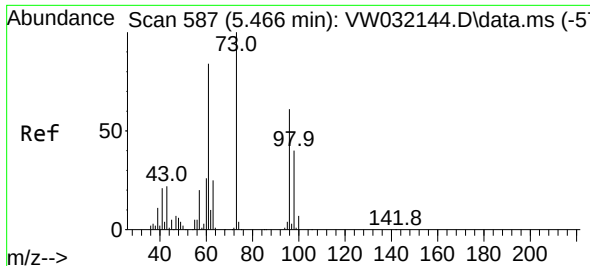
Tgt Ion: 76 Resp: 195933
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 73.062 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 114902
Ion Ratio Lower Upper
43 100
74 26.5 20.2 30.4

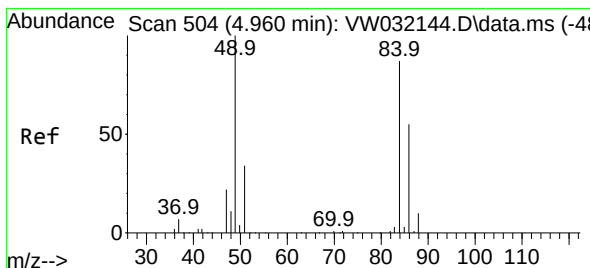
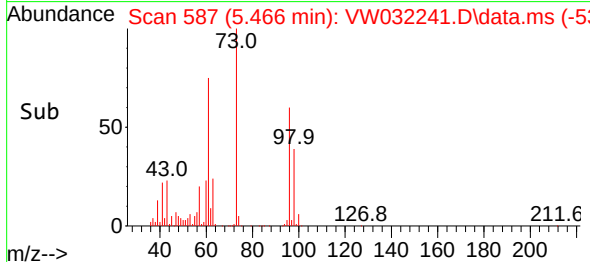
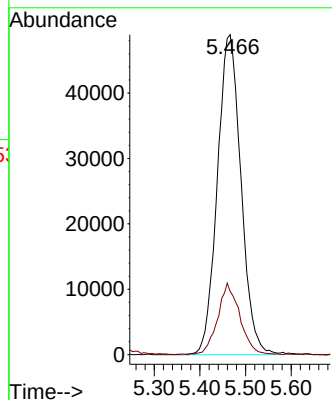
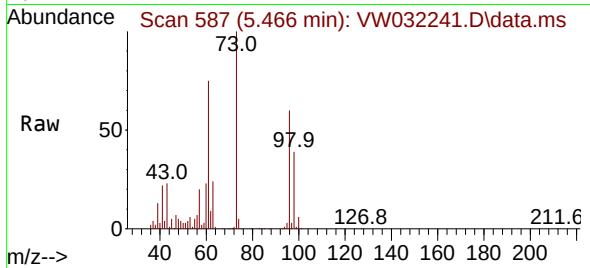




#19
Methyl tert-butyl Ether
Concen: 55.278 ug/l
RT: 5.466 min Scan# 501
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

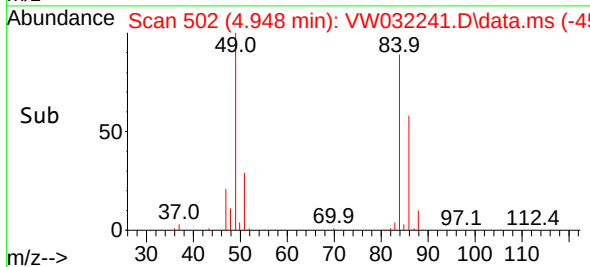
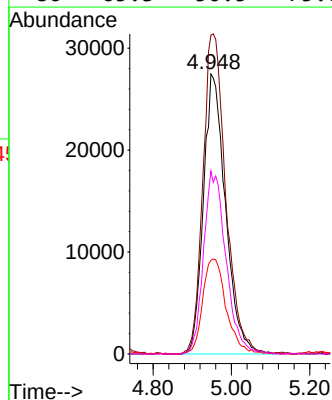
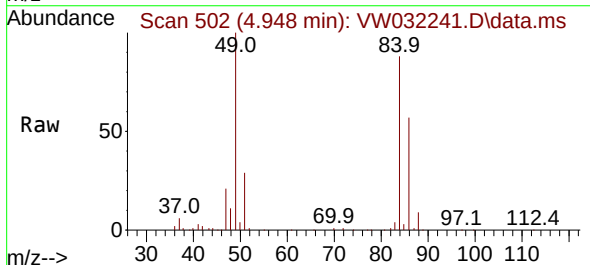
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

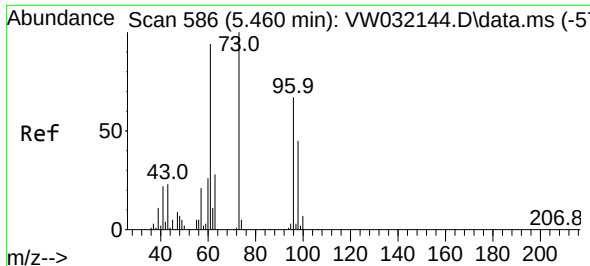
Tgt Ion: 73 Resp: 175812
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4



#20
Methylene Chloride
Concen: 53.735 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 84 Resp: 107657
Ion Ratio Lower Upper
84 100
49 114.0 92.2 138.4
51 33.5 31.0 46.6
86 65.3 50.5 75.7

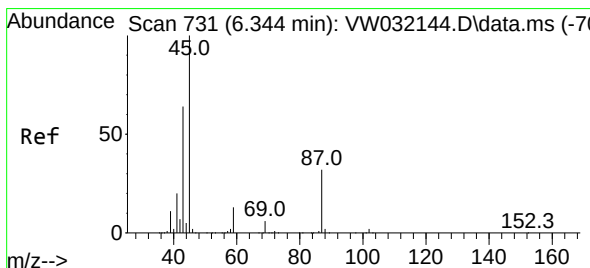
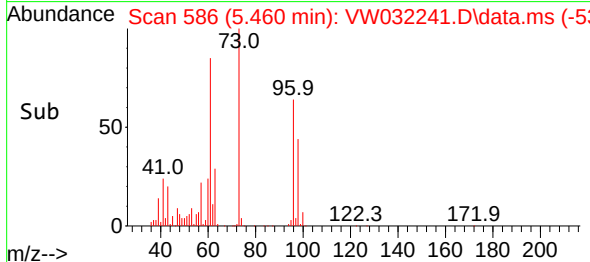
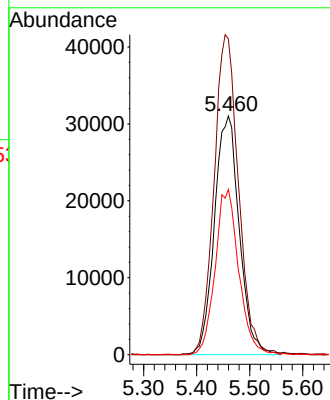
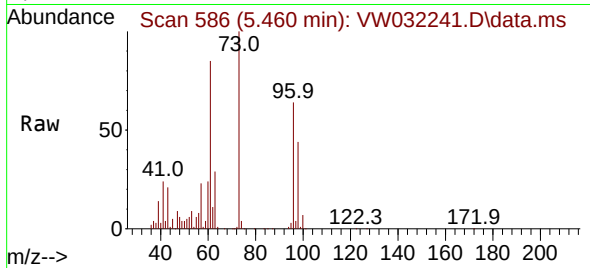




#21
trans-1,2-Dichloroethene
Concen: 53.663 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

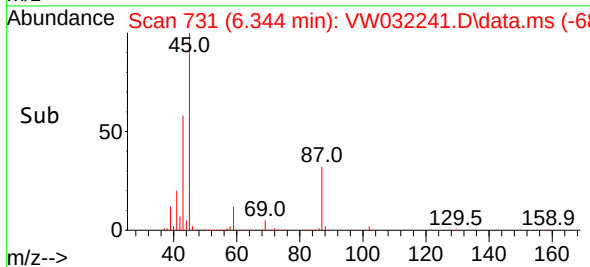
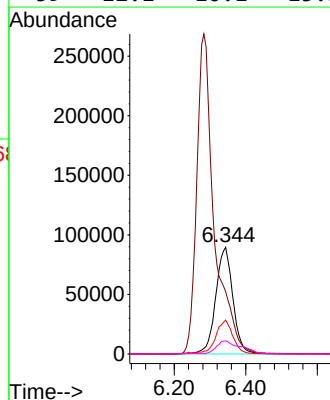
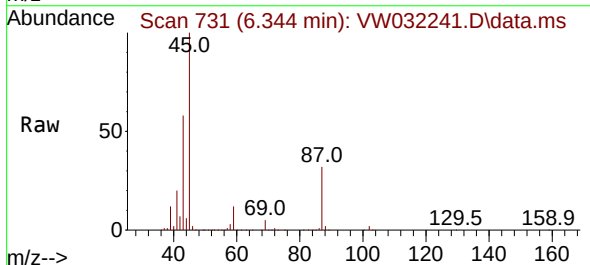
Instrument :
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ClientSampleId :
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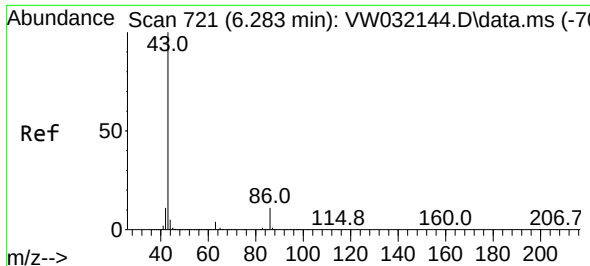
Tgt Ion: 96 Resp: 100969
Ion Ratio Lower Upper
96 100
61 132.3 112.5 168.7
98 69.2 54.2 81.4



#22
Diisopropyl ether
Concen: 57.180 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 45 Resp: 297735
Ion Ratio Lower Upper
45 100
43 58.0 51.4 77.2
87 31.7 25.9 38.9
59 12.1 10.1 15.1

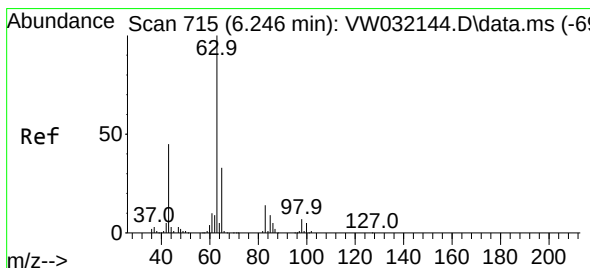
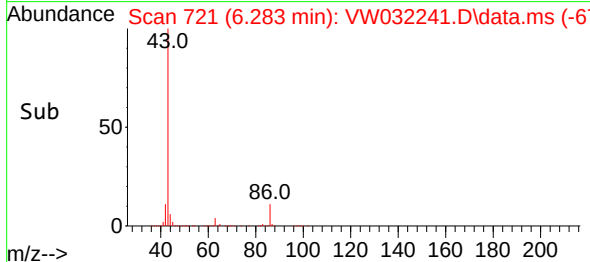
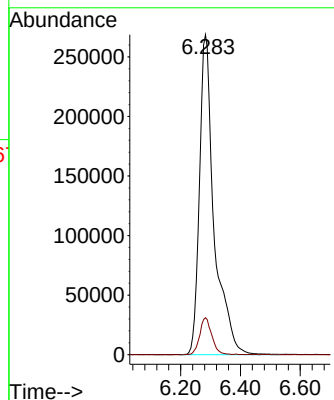
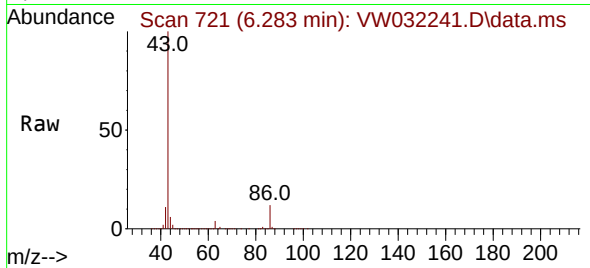




#23
 Vinyl Acetate
 Concen: 257.319 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

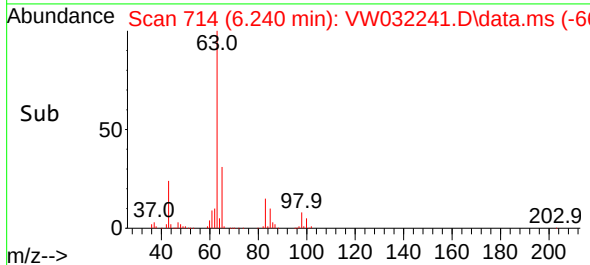
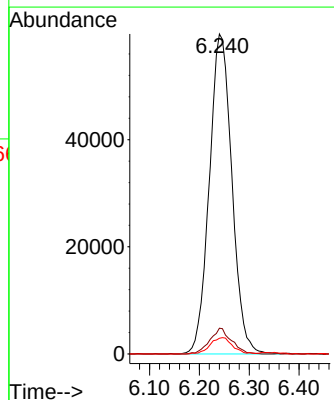
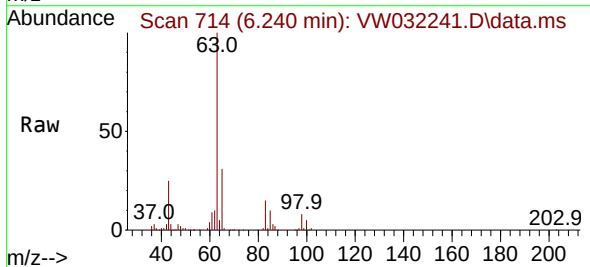
Instrument :
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 ClientSampleId :
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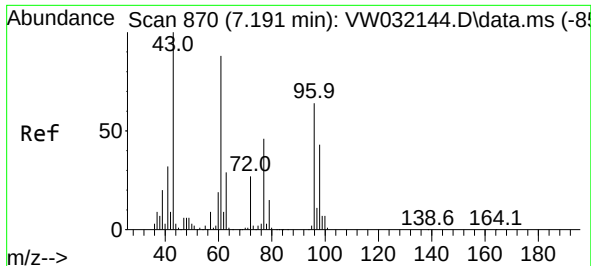
Tgt Ion: 43 Resp: 910958
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 55.131 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

Tgt Ion: 63 Resp: 187934
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.9 2.5 7.5

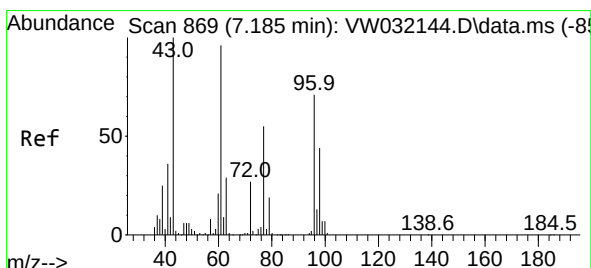
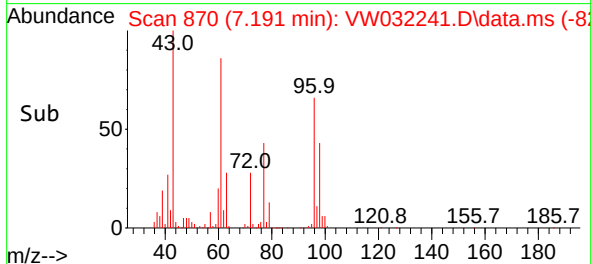
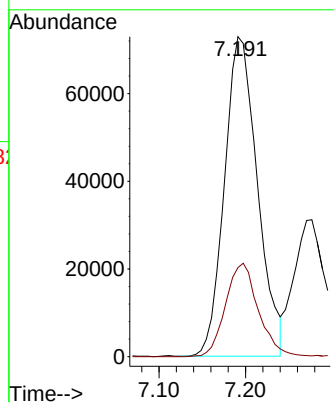
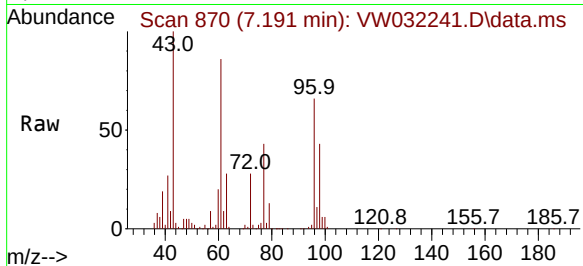




#25
2-Butanone
Concen: 276.147 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

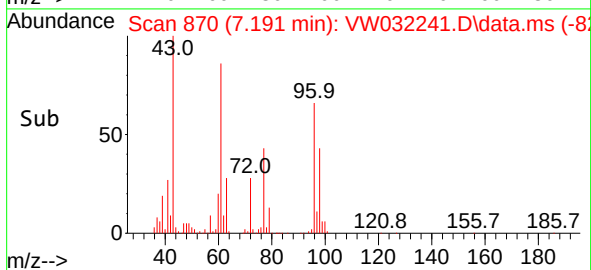
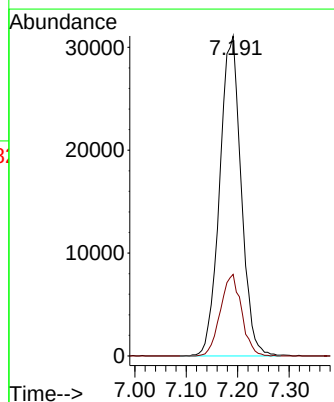
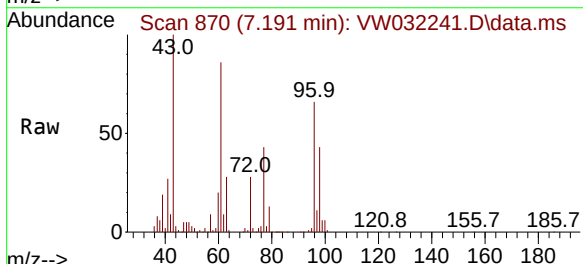
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

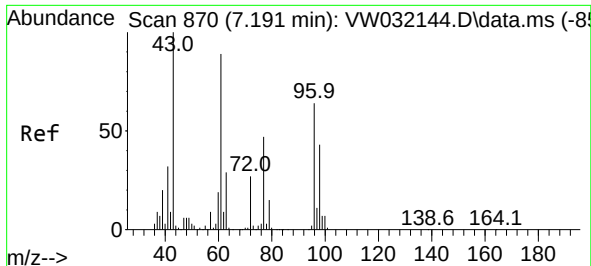
Tgt Ion: 43 Resp: 193146
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 50.059 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 77 Resp: 90367
Ion Ratio Lower Upper
77 100
97 25.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 54.445 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

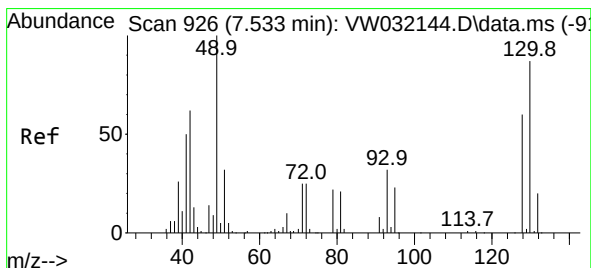
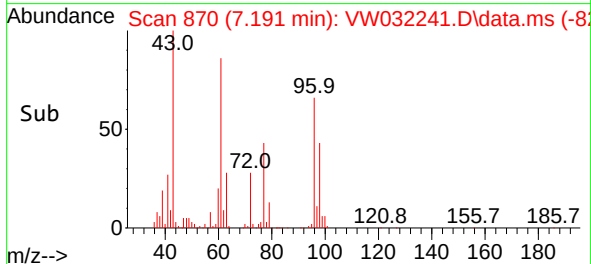
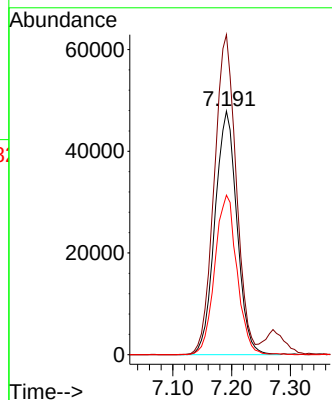
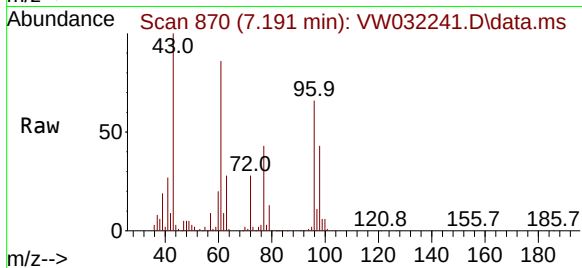
Tgt Ion: 96 Resp: 124653

Ion Ratio Lower Upper

96 100

61 131.6 0.0 268.0

98 65.9 0.0 130.8



#28

Bromochloromethane

Concen: 57.881 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

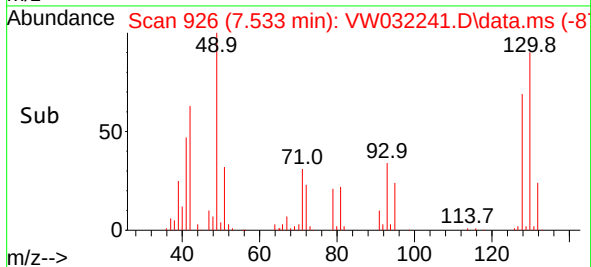
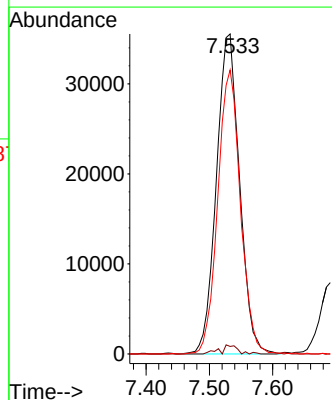
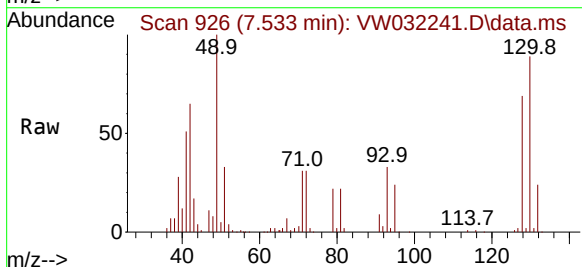
Tgt Ion: 49 Resp: 90321

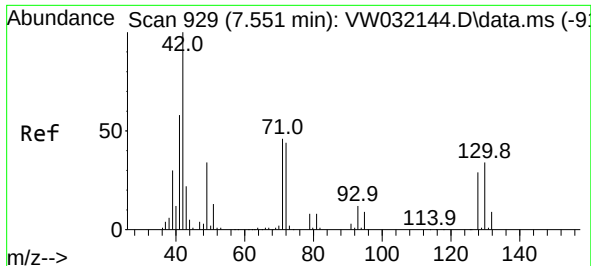
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 86.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 284.070 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

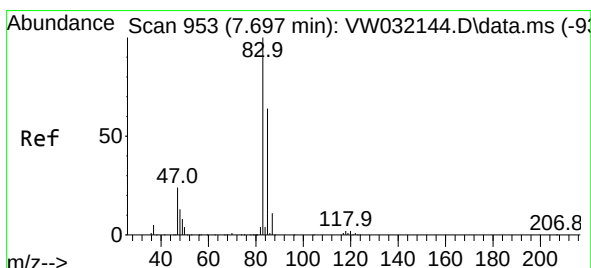
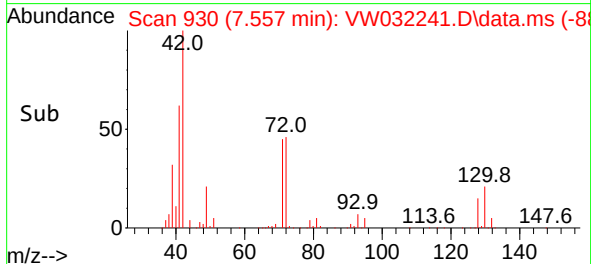
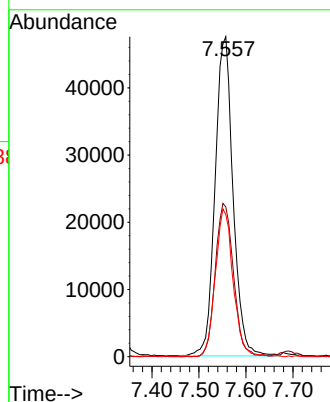
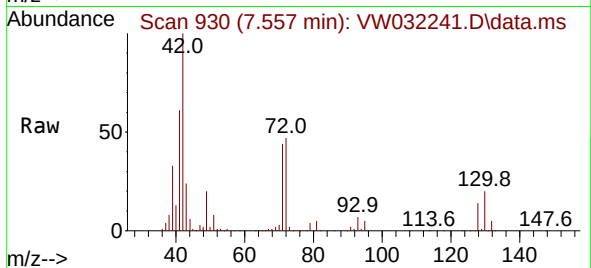
Tgt Ion: 42 Resp: 126259

Ion Ratio Lower Upper

42 100

72 48.7 37.4 56.2

71 45.9 36.0 54.0



#30

Chloroform

Concen: 55.991 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032241.D

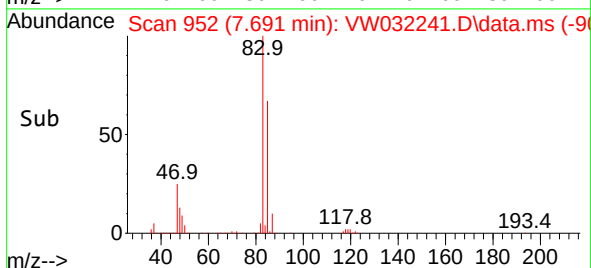
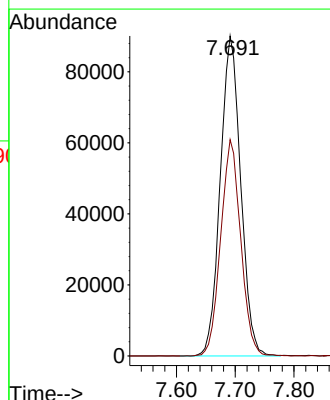
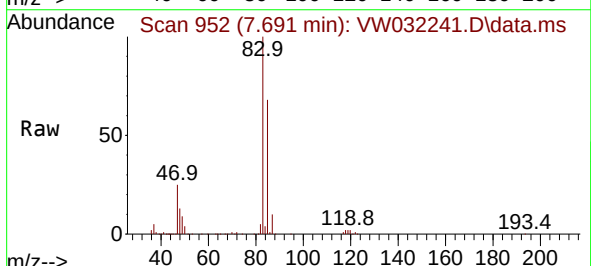
Acq: 24 Sep 2025 12:59

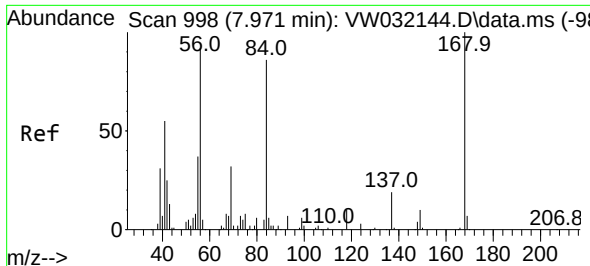
Tgt Ion: 83 Resp: 217916

Ion Ratio Lower Upper

83 100

85 67.6 51.2 76.8

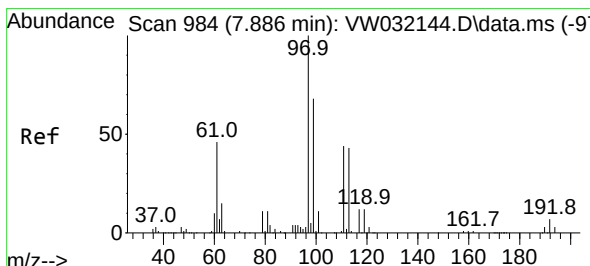
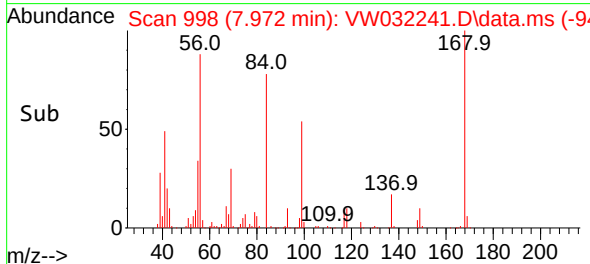
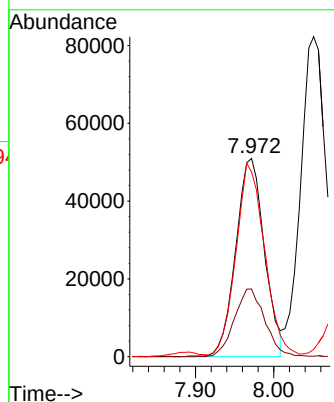
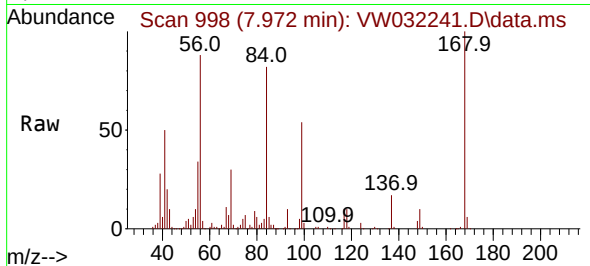




#31
Cyclohexane
Concen: 46.256 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

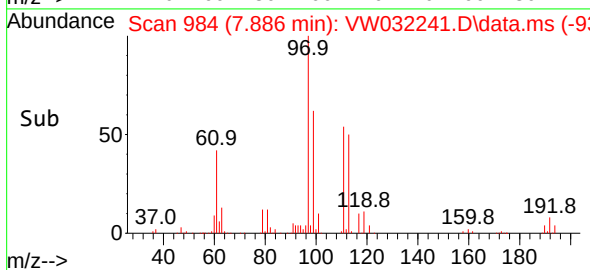
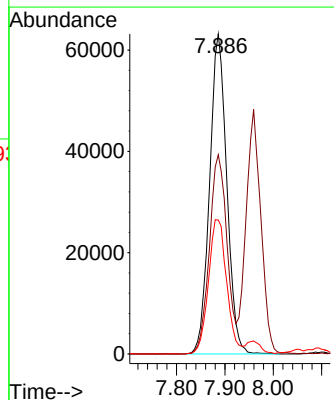
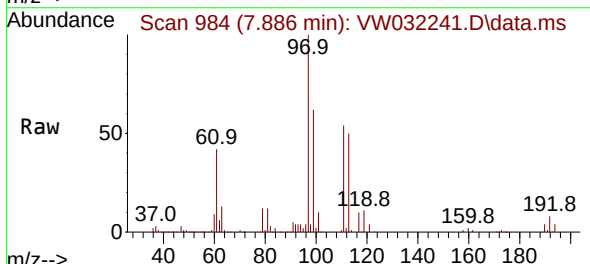
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

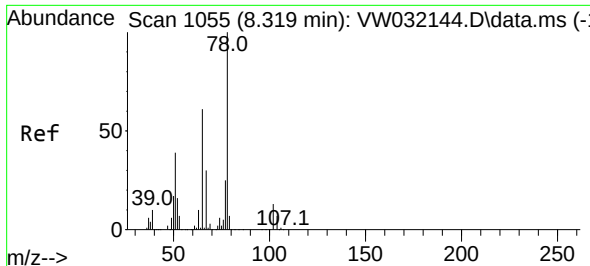
Tgt Ion: 56 Resp: 129420
Ion Ratio Lower Upper
56 100
69 34.1 27.7 41.5
84 90.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 54.804 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 97 Resp: 155704
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 44.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 55.644 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

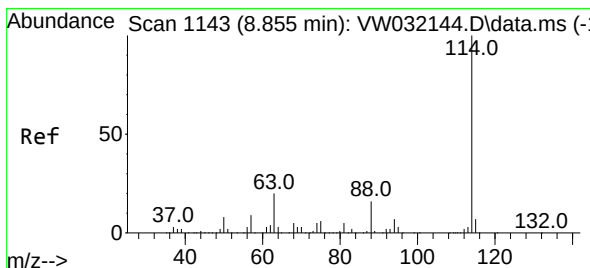
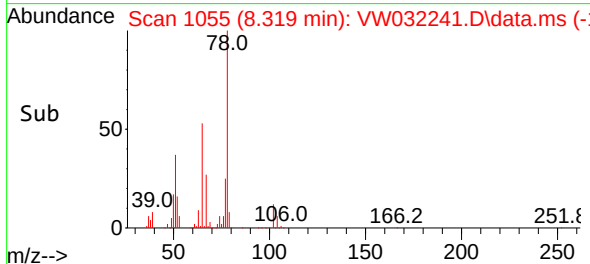
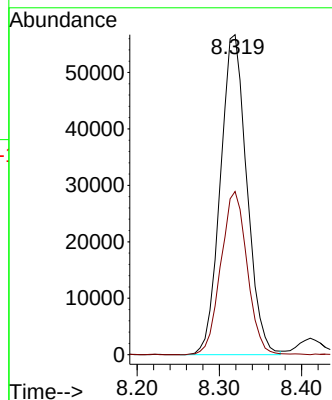
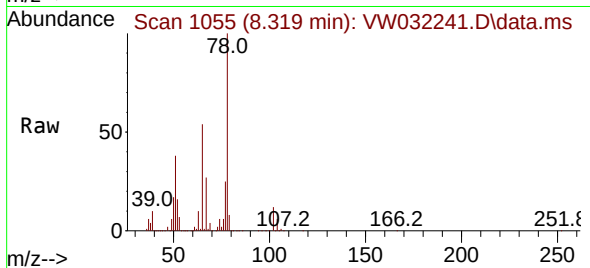
VSTDCCC050

Tgt Ion: 65 Resp: 126820

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

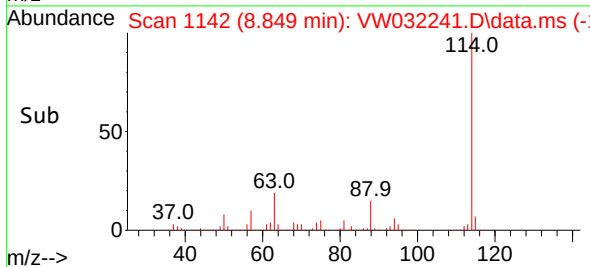
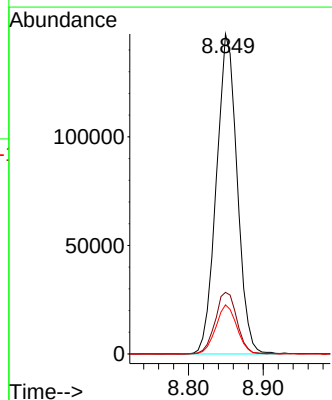
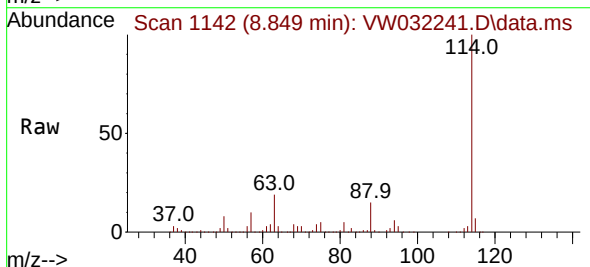
Tgt Ion: 114 Resp: 285121

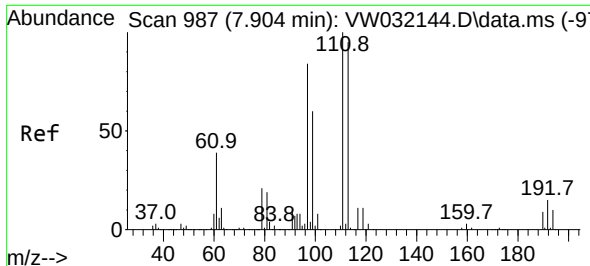
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.4

88 15.3 0.0 32.0

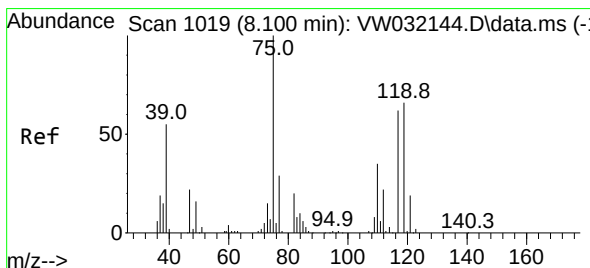
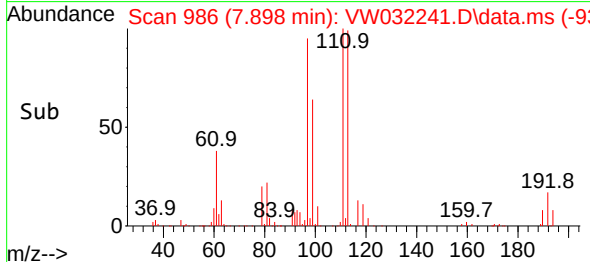
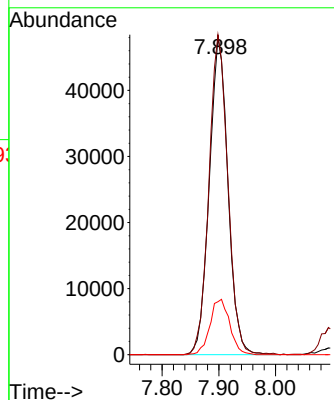
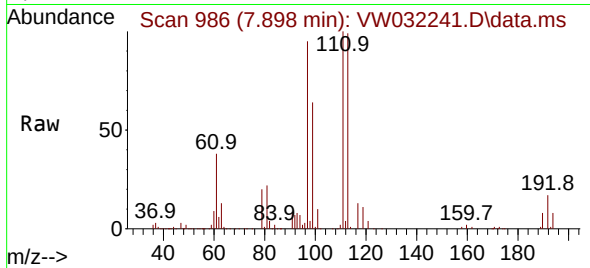




#35
 Dibromofluoromethane
 Concen: 54.956 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

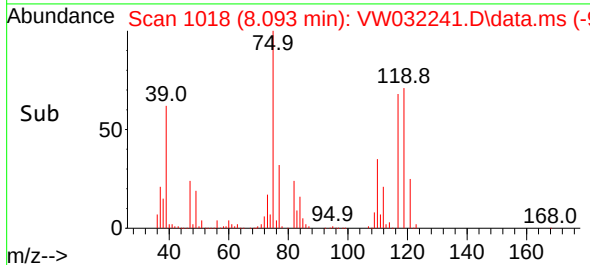
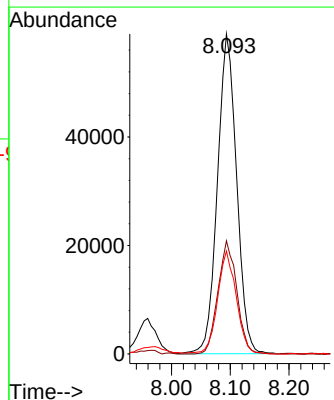
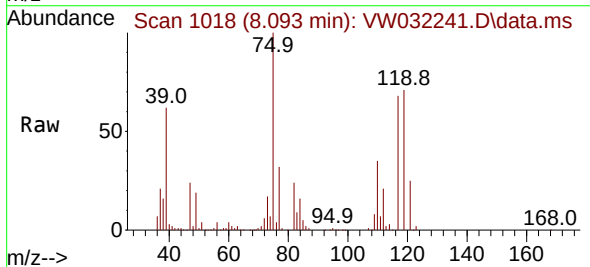
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

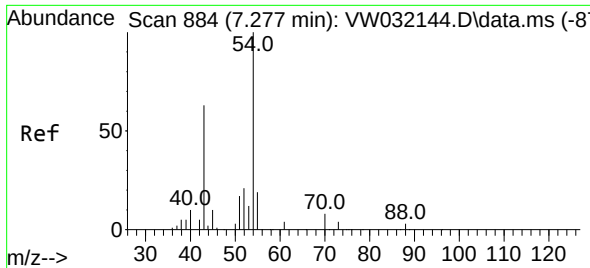
Tgt Ion:113 Resp: 109934
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.9 125.9
 192 18.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 51.535 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 133665
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.5 52.5
 77 31.5 24.1 36.1

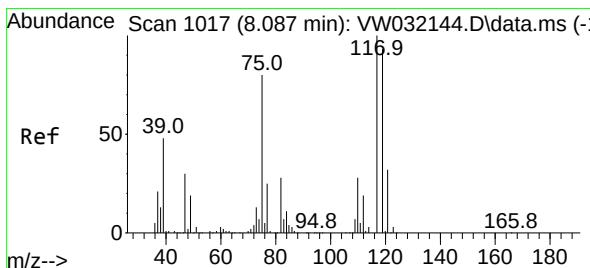
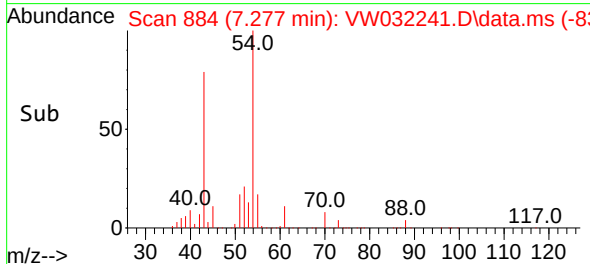
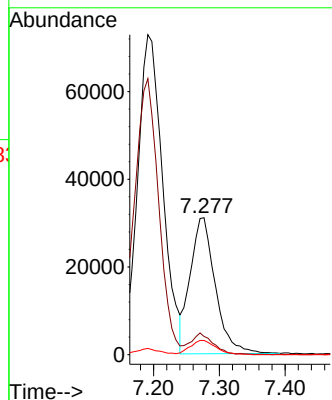
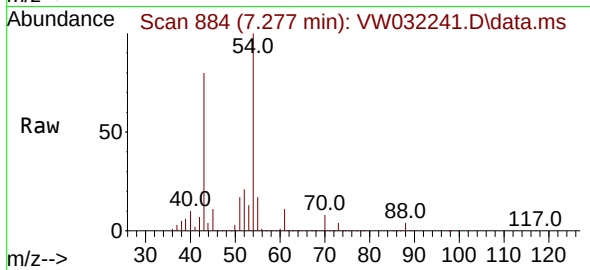




#37
Ethyl Acetate
Concen: 52.826 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

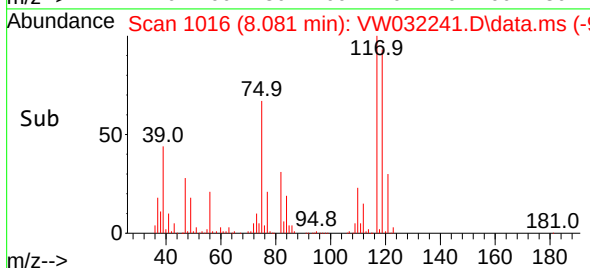
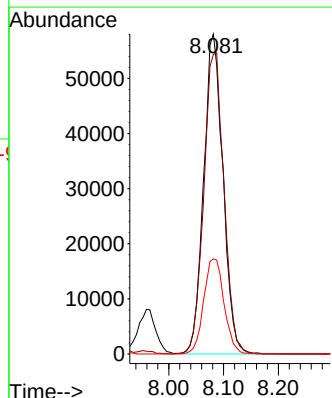
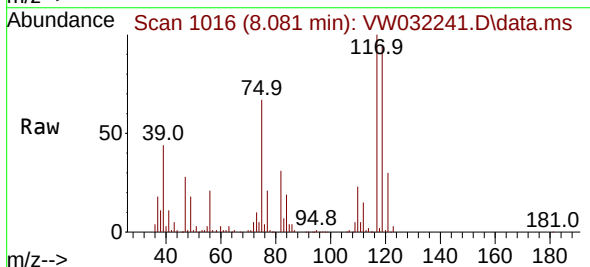
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

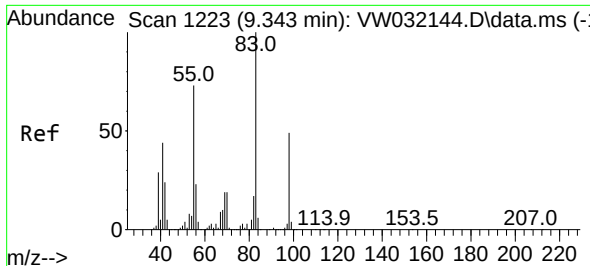
Tgt Ion: 43 Resp: 82193
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.993 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 117 Resp: 141782
Ion Ratio Lower Upper
117 100
119 93.6 74.2 111.2
121 29.7 25.6 38.4

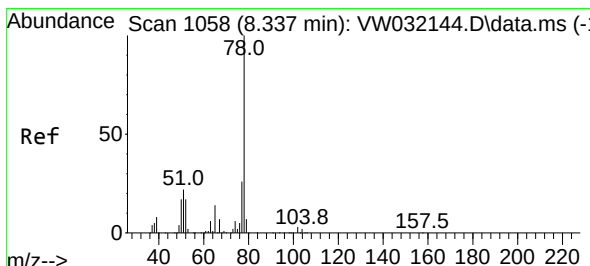
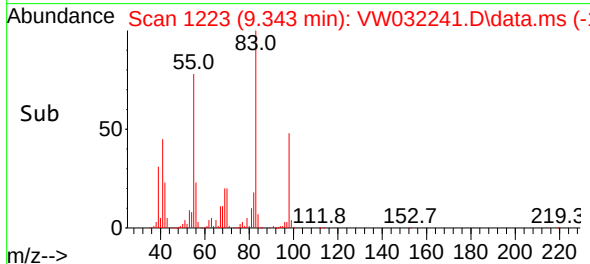
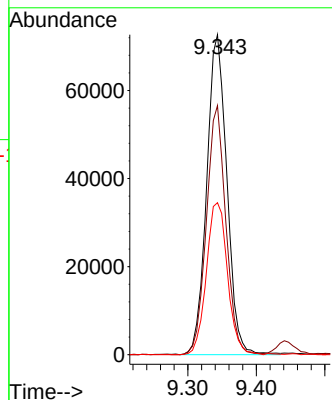
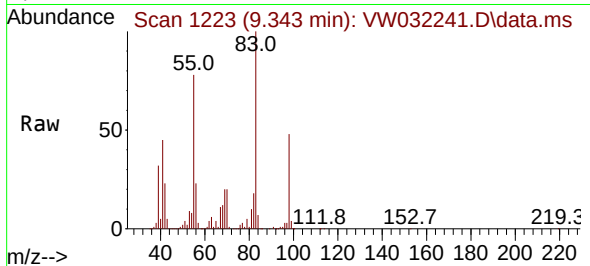




#39
Methylcyclohexane
Concen: 48.484 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

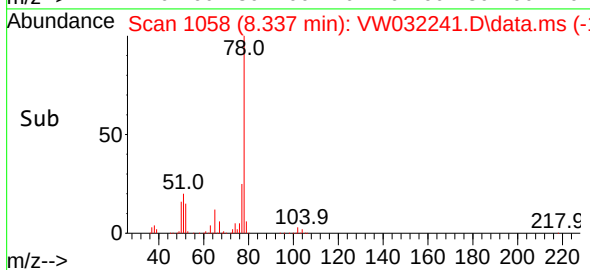
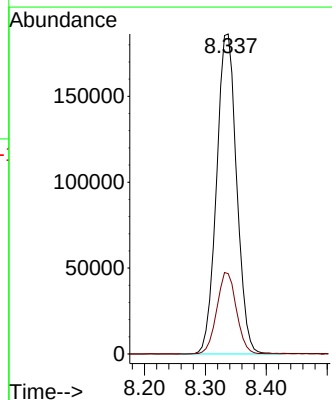
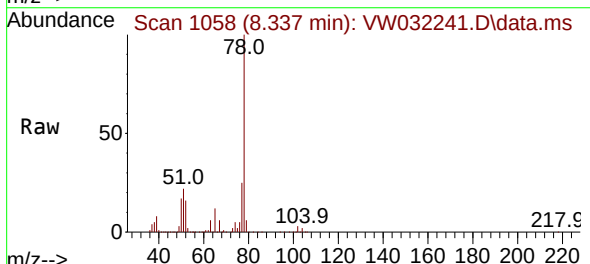
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

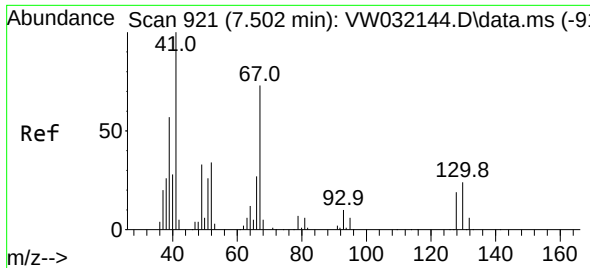
Tgt Ion: 83 Resp: 148947
Ion Ratio Lower Upper
83 100
55 77.8 58.4 87.6
98 47.5 39.4 59.2



#40
Benzene
Concen: 53.147 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 78 Resp: 426097
Ion Ratio Lower Upper
78 100
77 25.1 20.7 31.1

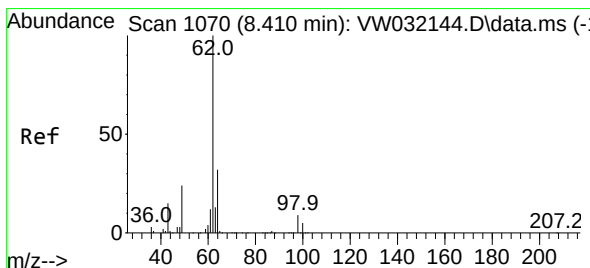
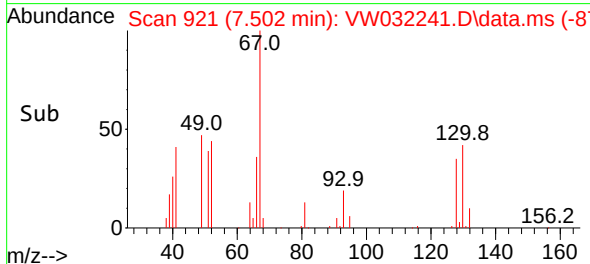
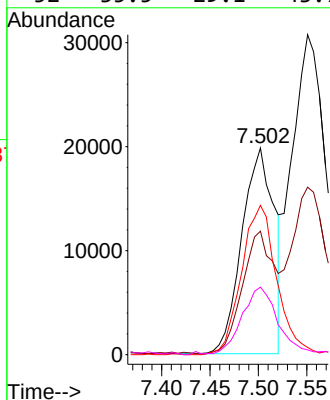
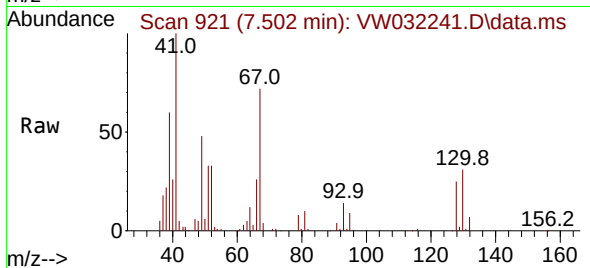




#41
Methacrylonitrile
Concen: 53.025 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

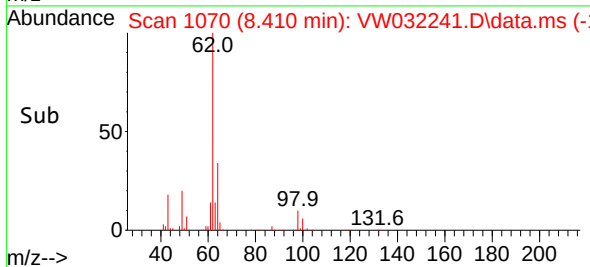
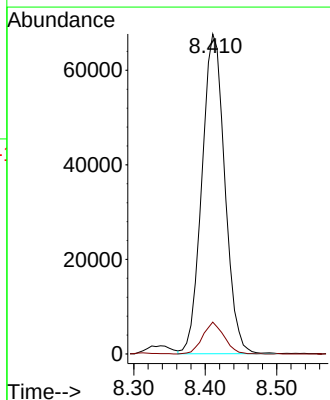
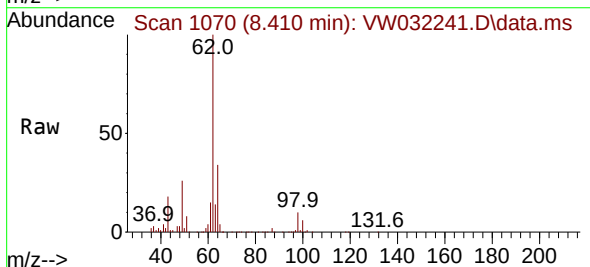
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

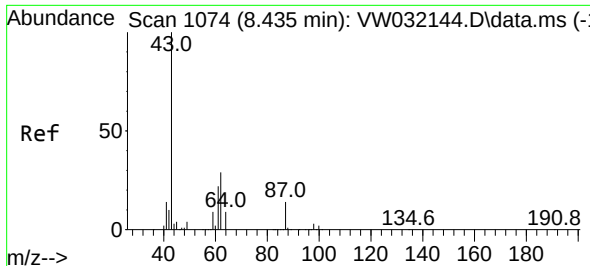
Tgt Ion:	41	Resp:	45837
Ion	Ratio	Lower	Upper
41	100		
39	58.6	50.9	76.3
67	80.0	65.6	98.4
52	35.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 54.171 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:	62	Resp:	150558
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

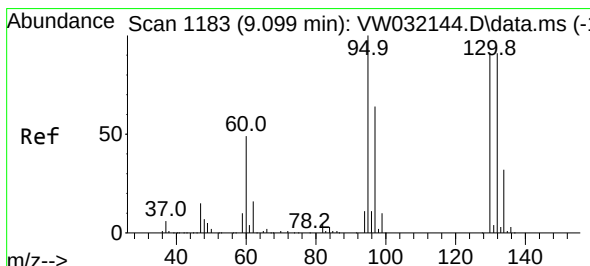
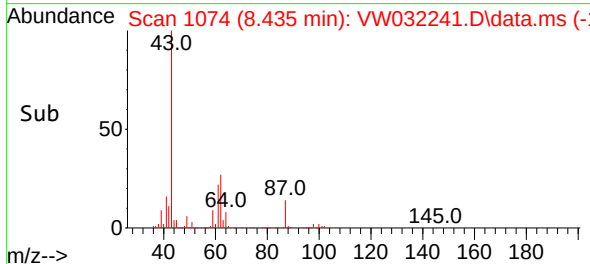
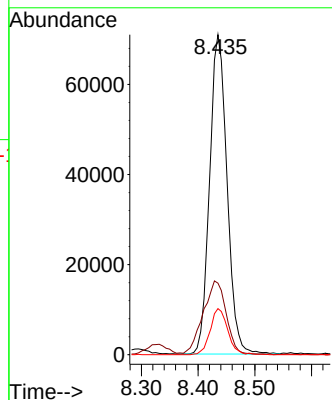
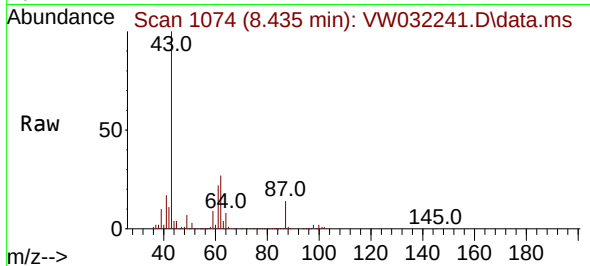




#43
Isopropyl Acetate
Concen: 51.995 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

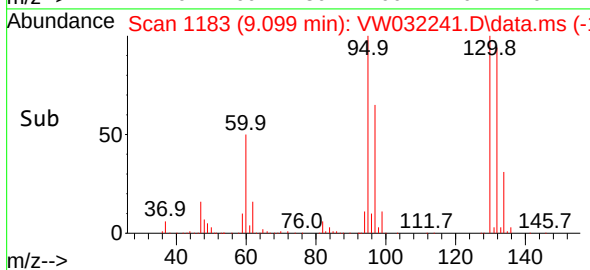
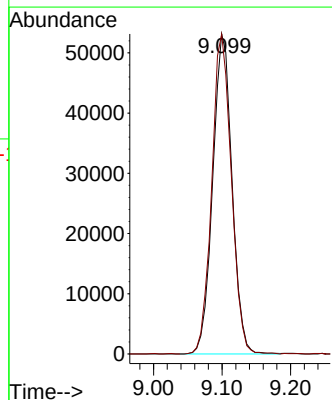
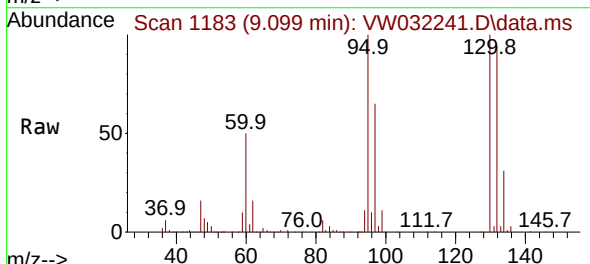
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

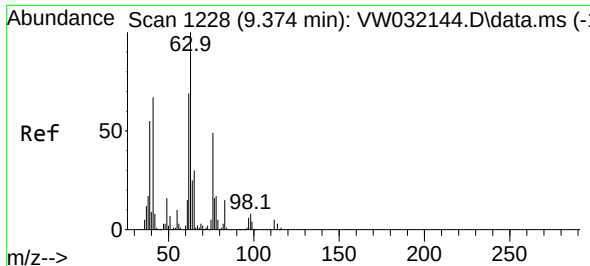
Tgt Ion: 43 Resp: 151768
Ion Ratio Lower Upper
43 100
61 30.2 23.3 34.9
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 51.462 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 130 Resp: 103757
Ion Ratio Lower Upper
130 100
95 100.0 0.0 220.0

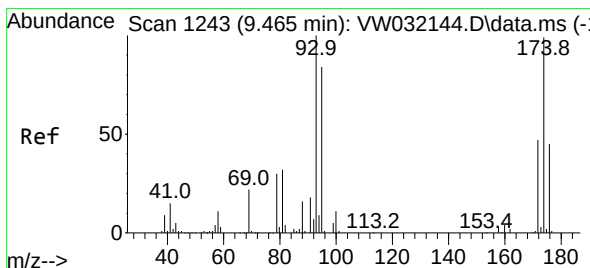
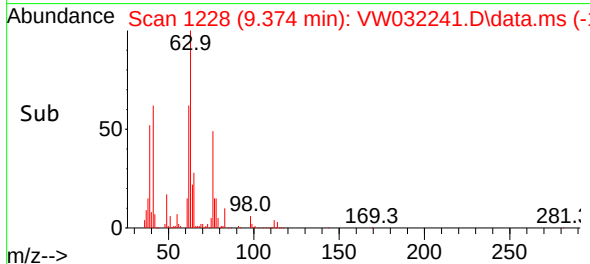
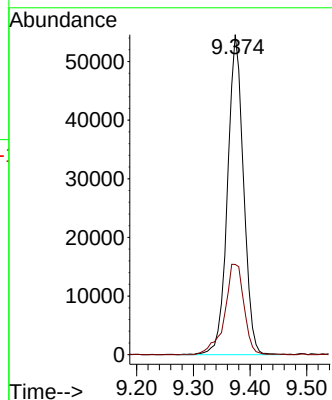
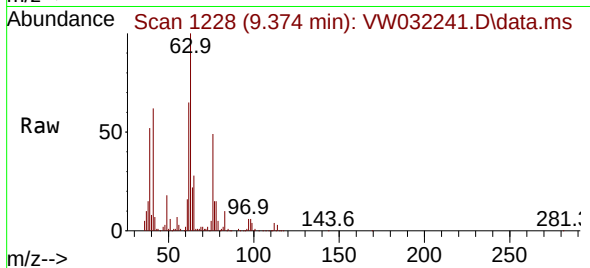




#45
1,2-Dichloropropane
Concen: 55.313 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

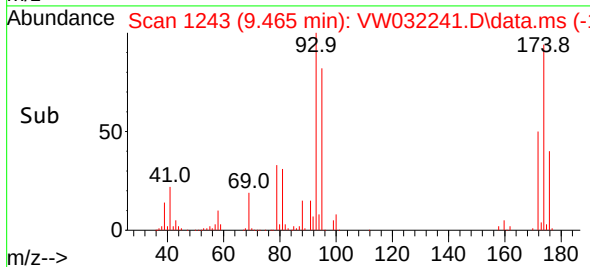
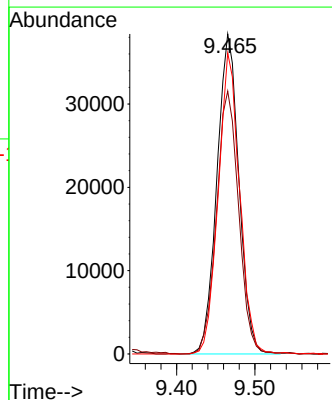
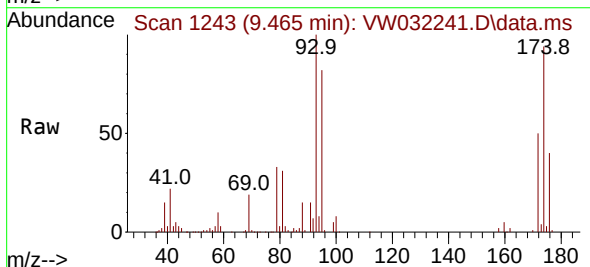
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

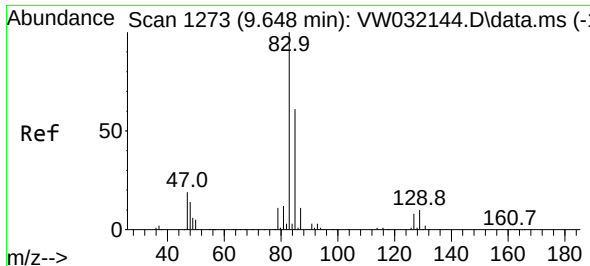
Tgt Ion: 63 Resp: 106903
Ion Ratio Lower Upper
63 100
65 28.2 24.3 36.5



#46
Dibromomethane
Concen: 55.381 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 93 Resp: 75073
Ion Ratio Lower Upper
93 100
95 82.6 67.4 101.2
174 91.3 75.7 113.5

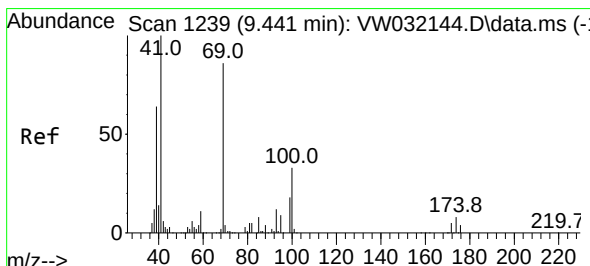
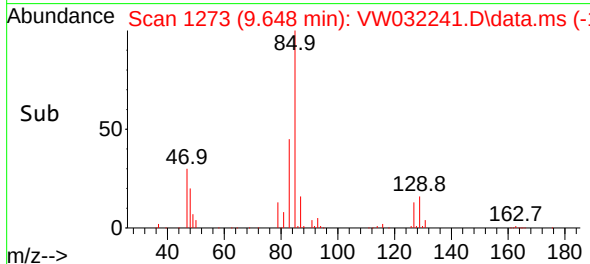
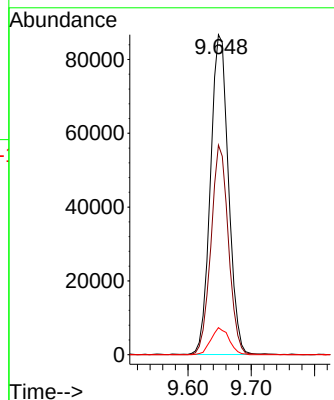
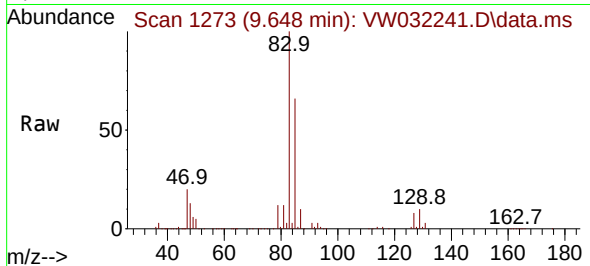




#47
Bromodichloromethane
Concen: 55.409 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

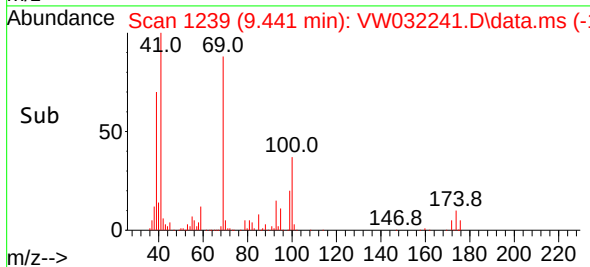
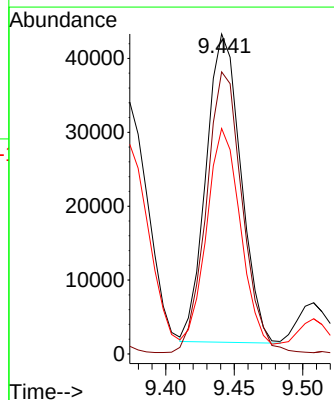
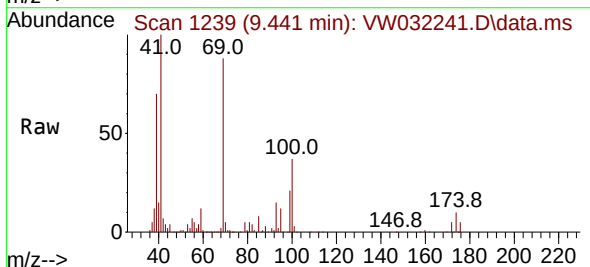
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

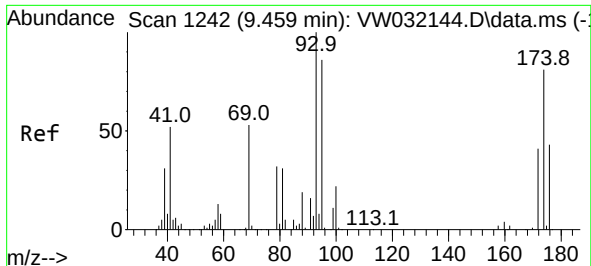
Tgt Ion: 83 Resp: 170688
Ion Ratio Lower Upper
83 100
85 65.6 48.7 73.1
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 54.816 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 73737
Ion Ratio Lower Upper
41 100
69 94.5 71.5 107.3
39 73.4 55.9 83.9





#49

1,4-Dioxane

Concen: 1173.130 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

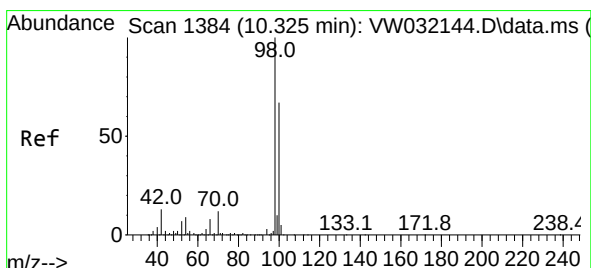
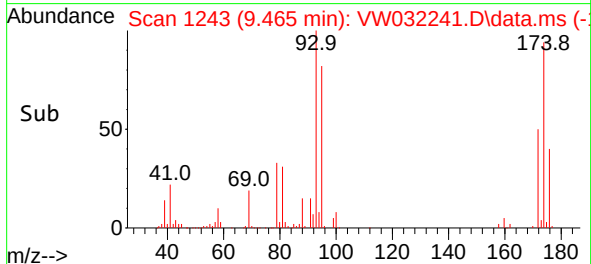
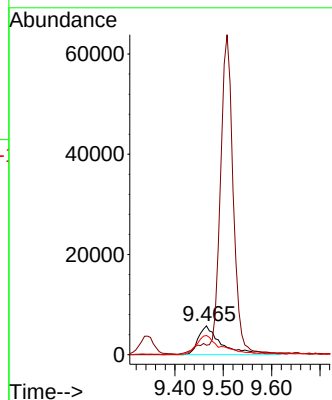
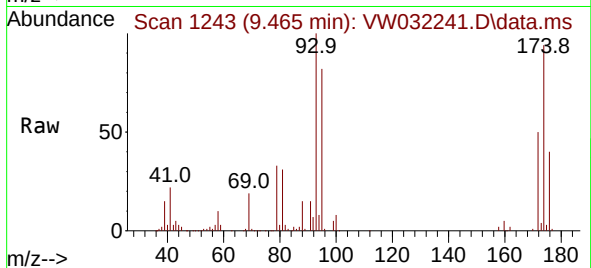
Tgt Ion: 88 Resp: 19214

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 69.1 55.4 83.0



#50

Toluene-d8

Concen: 53.487 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032241.D

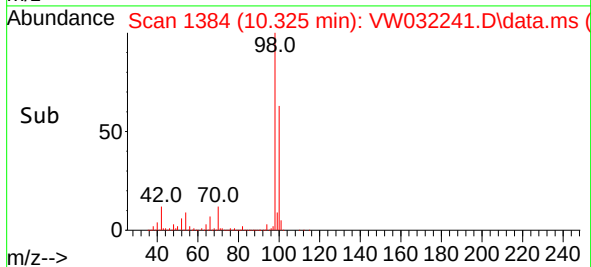
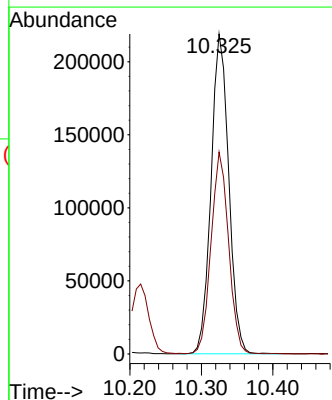
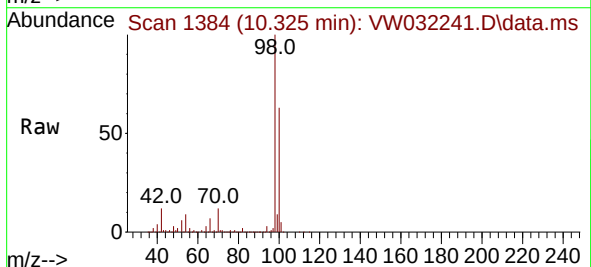
Acq: 24 Sep 2025 12:59

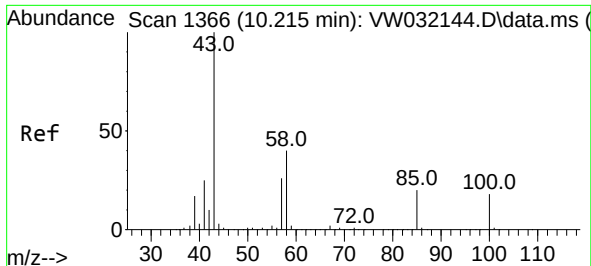
Tgt Ion: 98 Resp: 375602

Ion Ratio Lower Upper

98 100

100 62.5 51.4 77.2

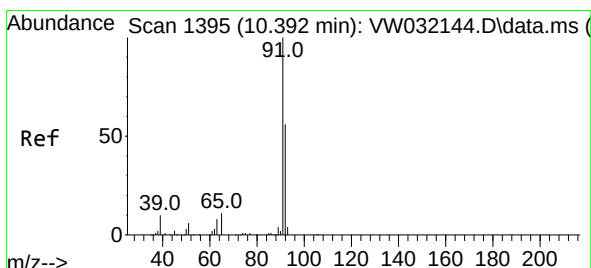
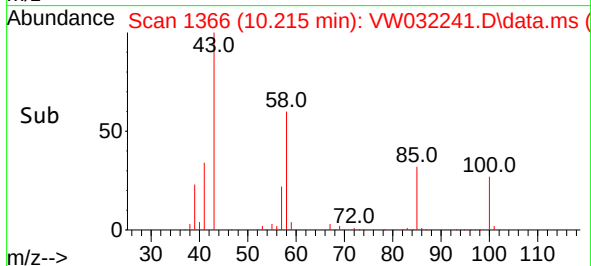
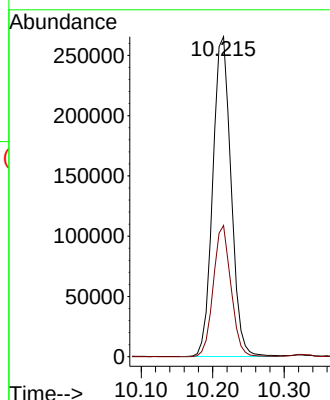
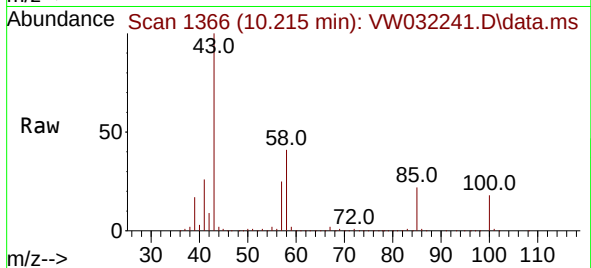




#51
4-Methyl-2-Pentanone
Concen: 286.239 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

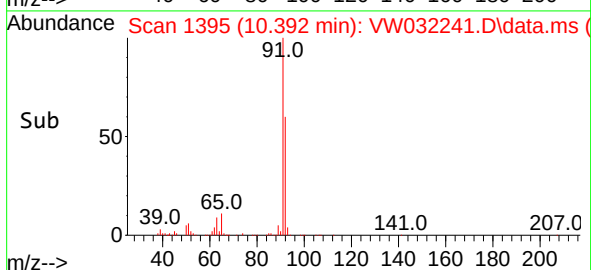
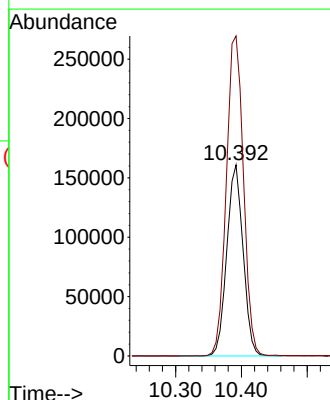
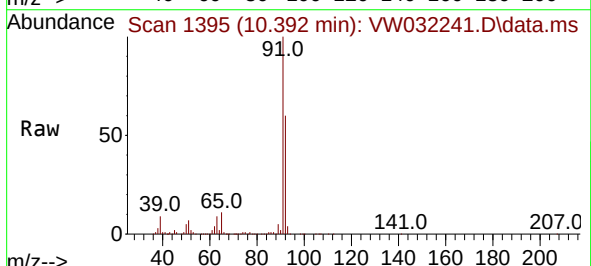
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

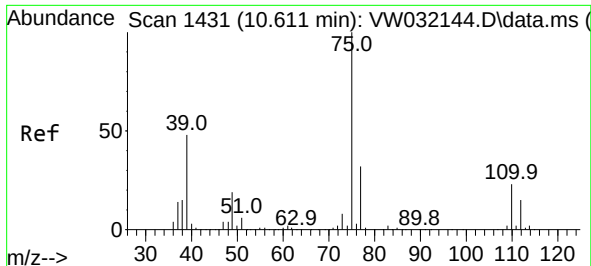
Tgt Ion: 43 Resp: 471771
Ion Ratio Lower Upper
43 100
58 39.6 32.0 48.0



#52
Toluene
Concen: 52.868 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 92 Resp: 276980
Ion Ratio Lower Upper
92 100
91 176.3 137.5 206.3

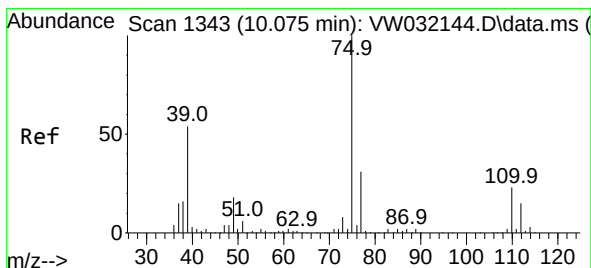
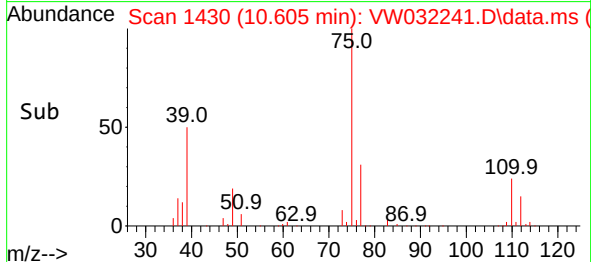
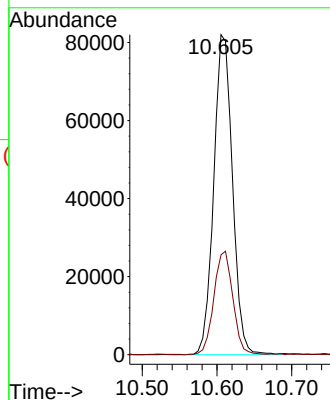
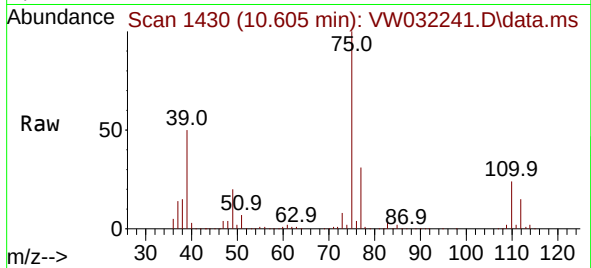




#53
 t-1,3-Dichloropropene
 Concen: 52.661 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

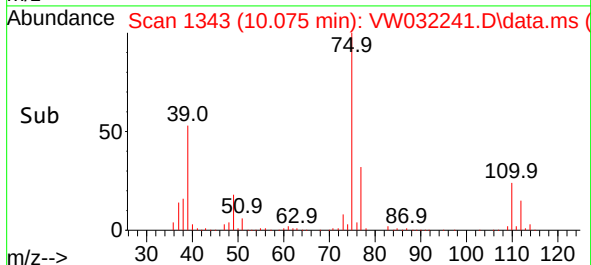
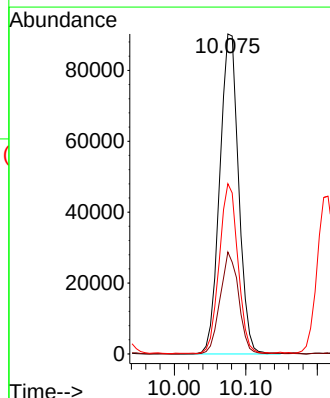
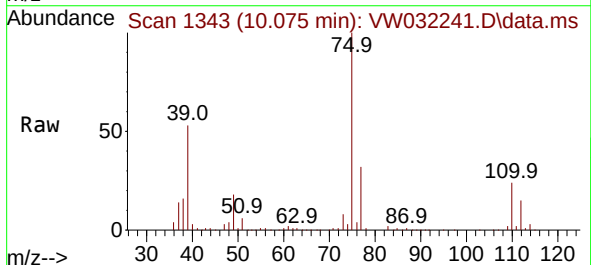
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

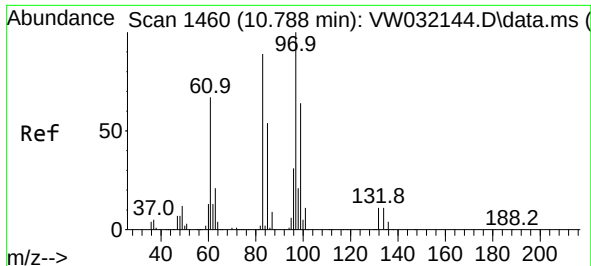
Tgt Ion: 75 Resp: 143109
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.380 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 165518
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 53.0 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 56.440 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 99488

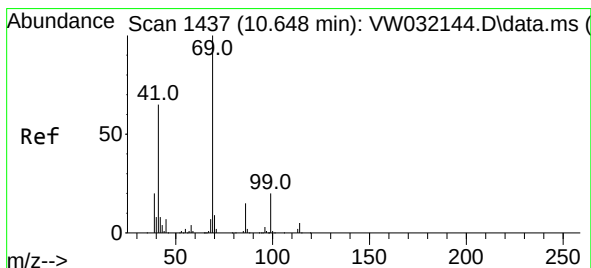
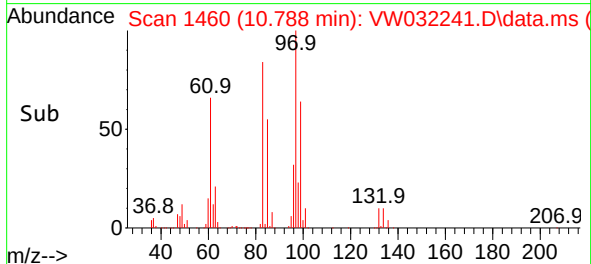
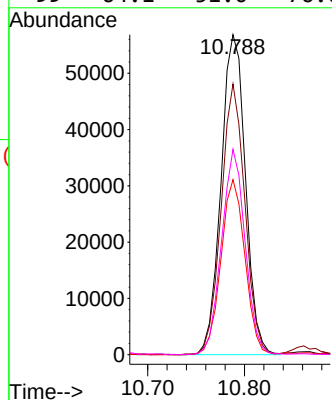
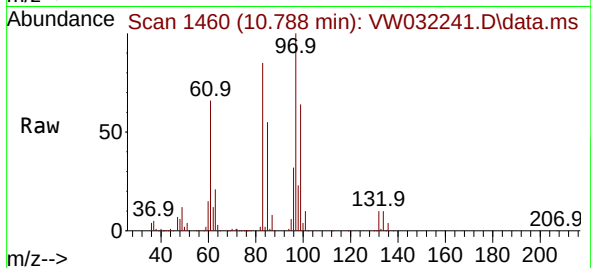
Ion Ratio Lower Upper

97 100

83 84.6 71.0 106.6

85 54.7 42.8 64.2

99 64.1 51.0 76.6



#56

Ethyl methacrylate

Concen: 55.068 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

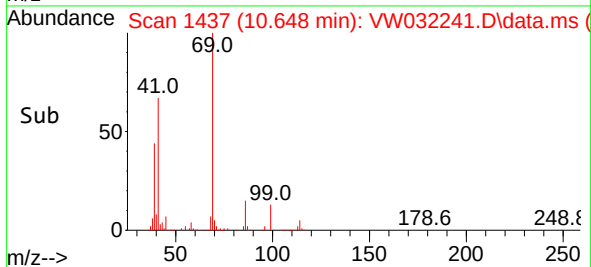
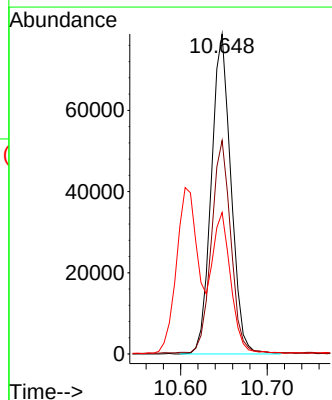
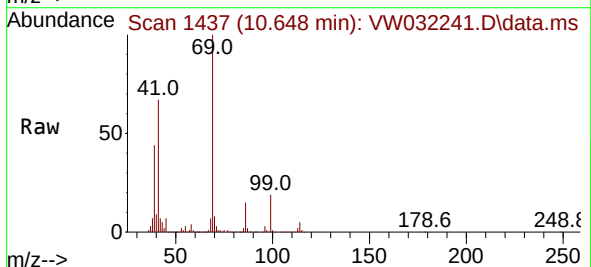
Tgt Ion: 69 Resp: 124101

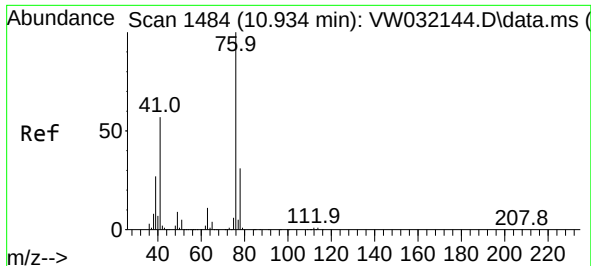
Ion Ratio Lower Upper

69 100

41 67.0 53.2 79.8

39 40.7 32.9 49.3





#57

1,3-Dichloropropane

Concen: 54.977 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

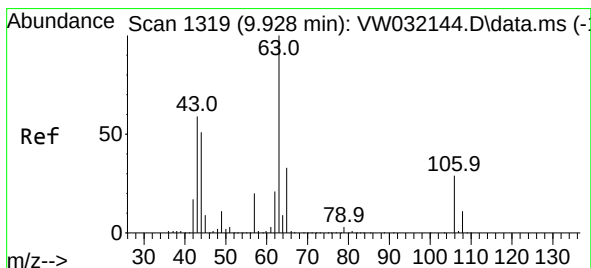
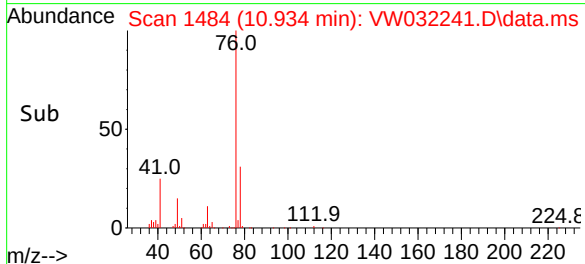
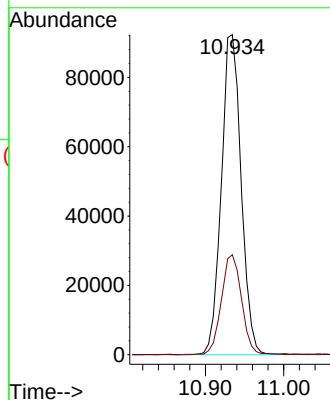
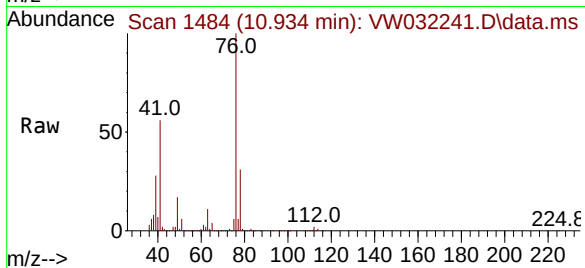
VSTDCCC050

Tgt Ion: 76 Resp: 162268

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 301.308 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032241.D

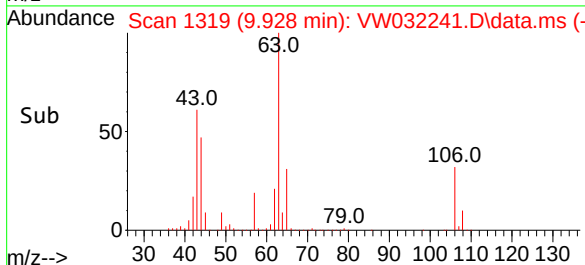
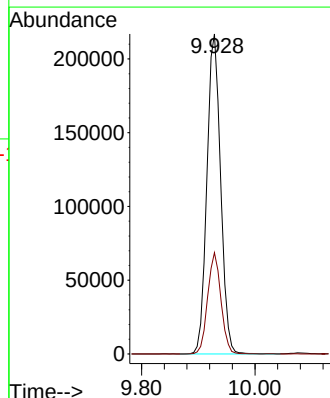
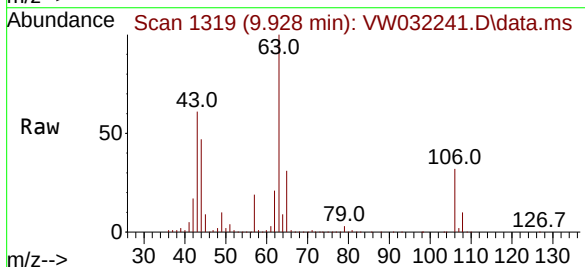
Acq: 24 Sep 2025 12:59

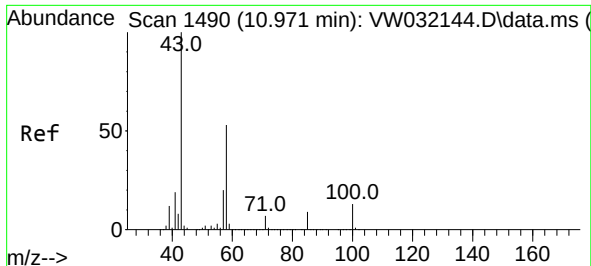
Tgt Ion: 63 Resp: 362434

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5





#59

2-Hexanone

Concen: 286.998 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

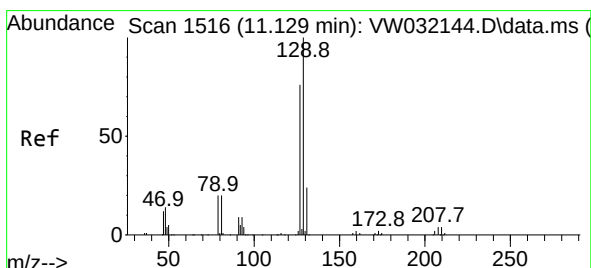
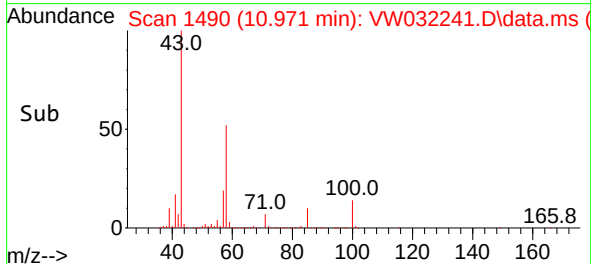
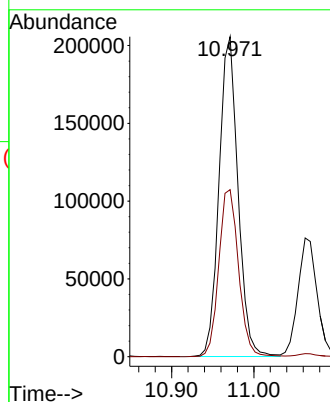
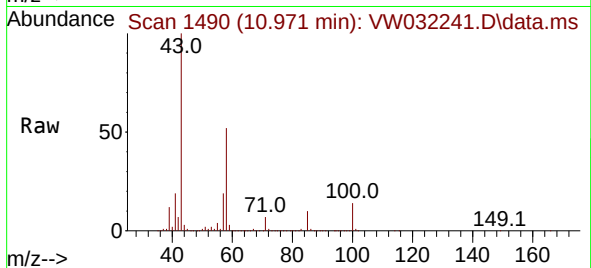
VSTDCCC050

Tgt Ion: 43 Resp: 328975

Ion Ratio Lower Upper

43 100

58 54.5 27.5 82.4



#60

Dibromochloromethane

Concen: 56.950 ug/l

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032241.D

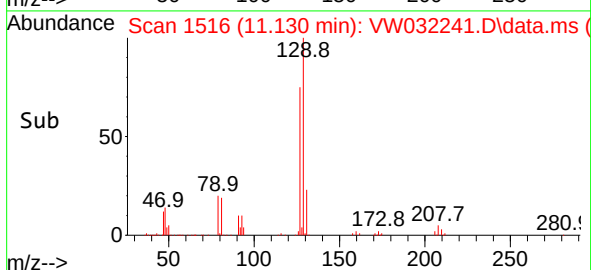
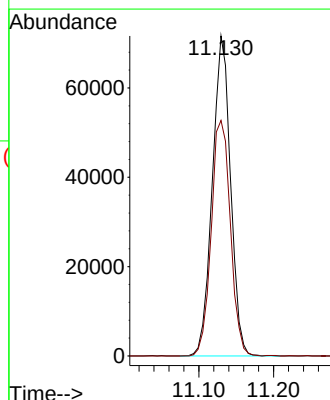
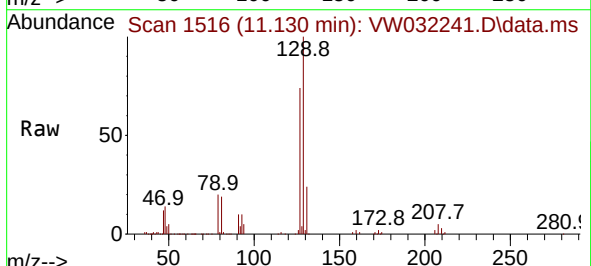
Acq: 24 Sep 2025 12:59

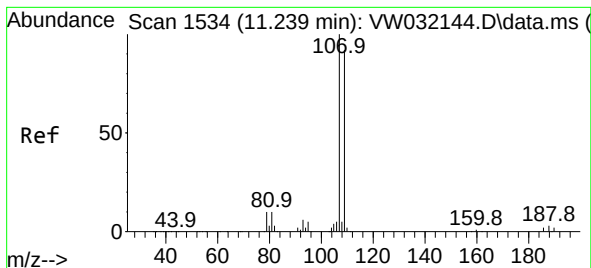
Tgt Ion:129 Resp: 121475

Ion Ratio Lower Upper

129 100

127 77.3 38.1 114.5

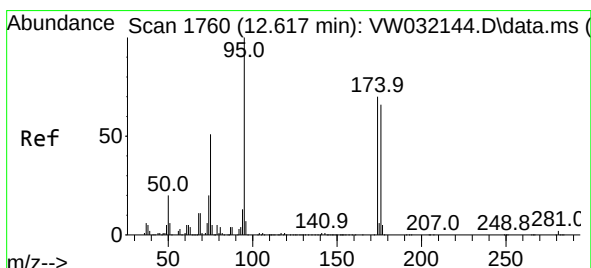
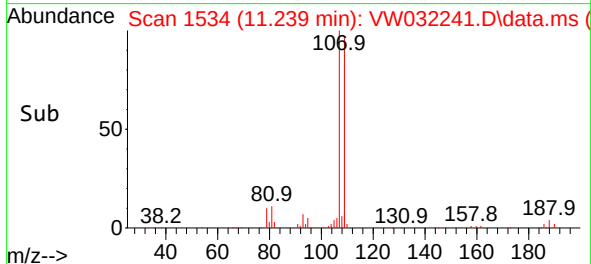
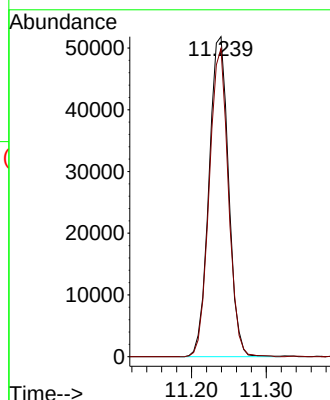
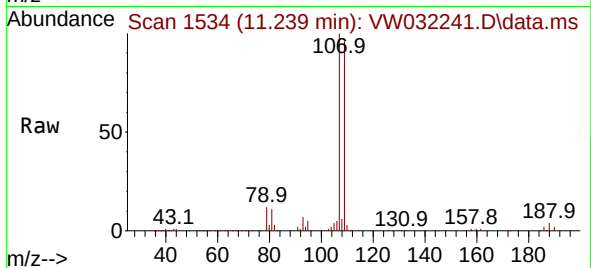




#61
1,2-Dibromoethane
Concen: 54.500 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

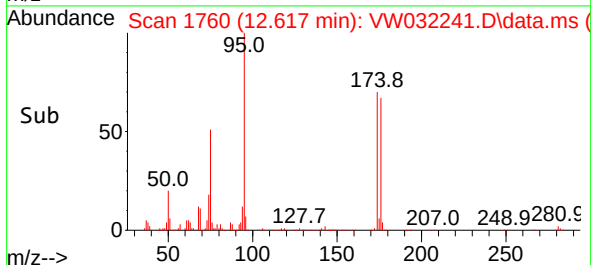
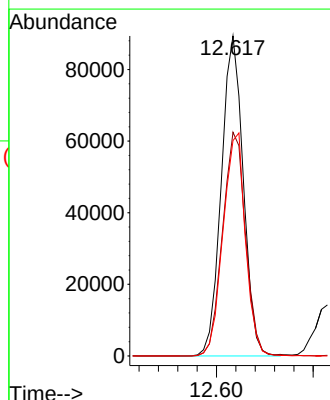
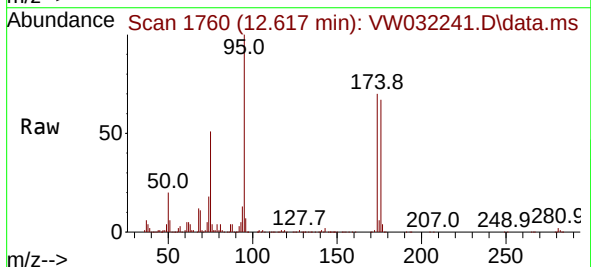
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

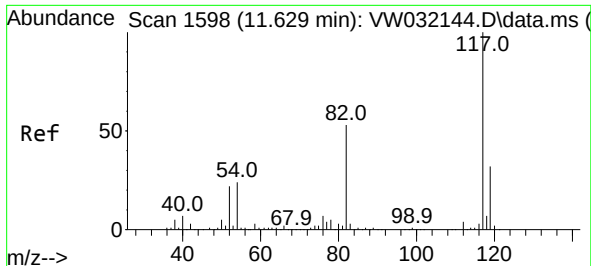
Tgt Ion:107 Resp: 94474
Ion Ratio Lower Upper
107 100
109 93.9 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 54.134 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 95 Resp: 140573
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.6
176 71.1 0.0 140.8

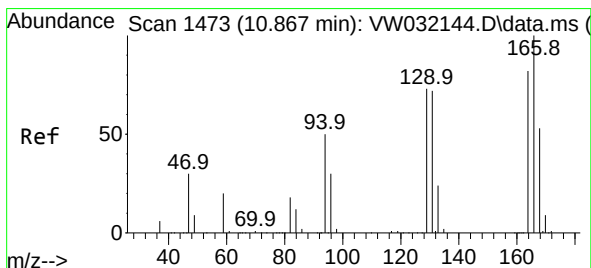
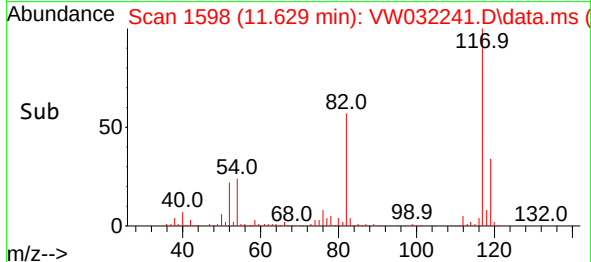
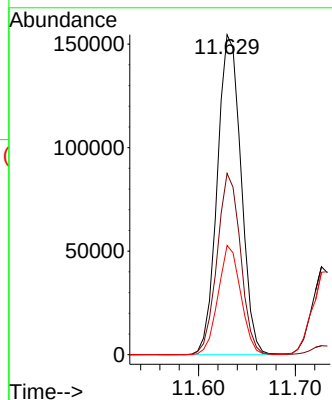
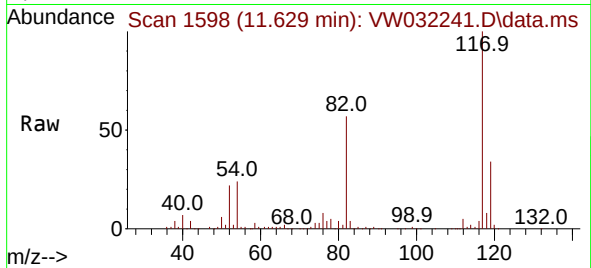




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

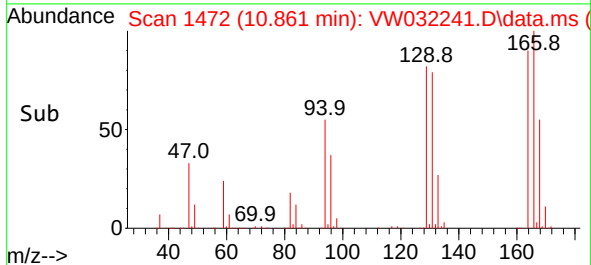
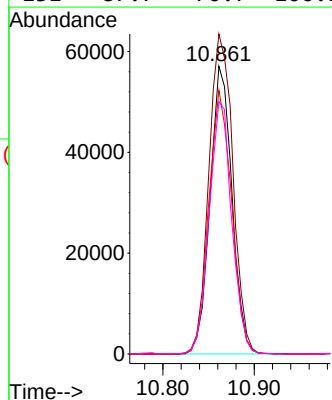
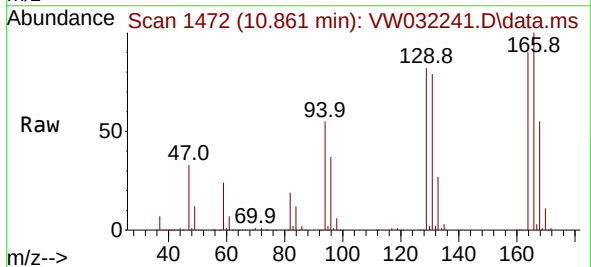
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

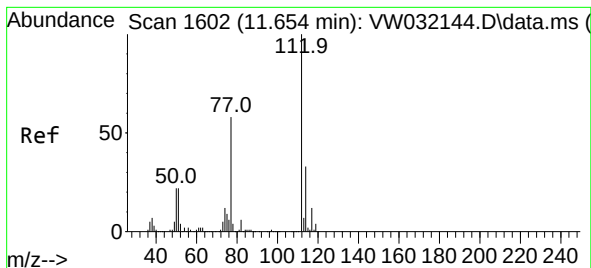
Tgt Ion:117 Resp: 263383
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 34.1 25.2 37.8



#64
Tetrachloroethene
Concen: 54.852 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:164 Resp: 95085
Ion Ratio Lower Upper
164 100
166 111.2 97.5 146.3
129 91.6 71.2 106.8
131 87.7 70.7 106.1

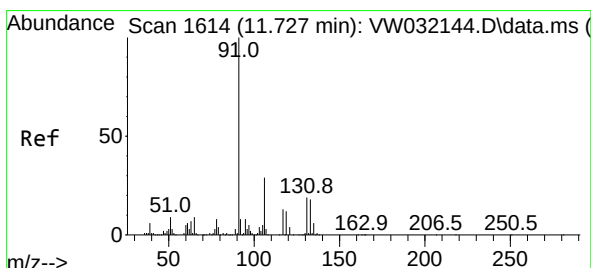
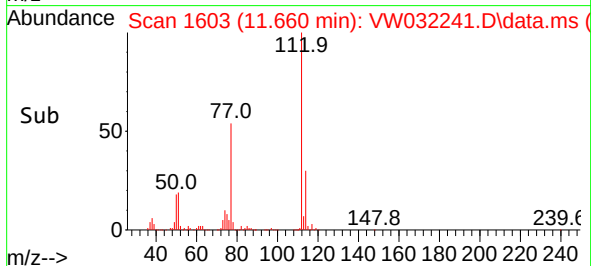
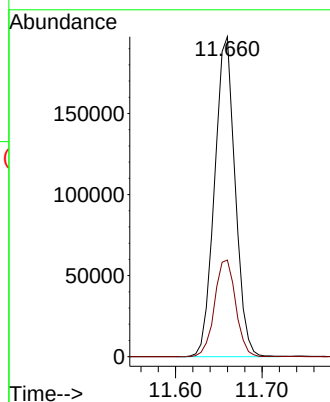
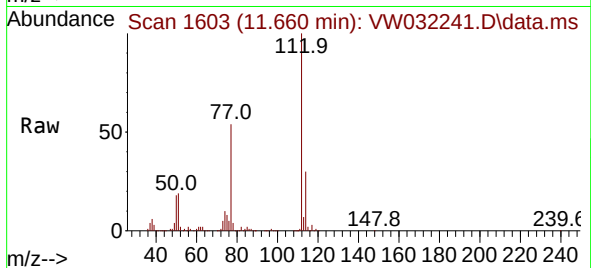




#65
Chlorobenzene
Concen: 54.349 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

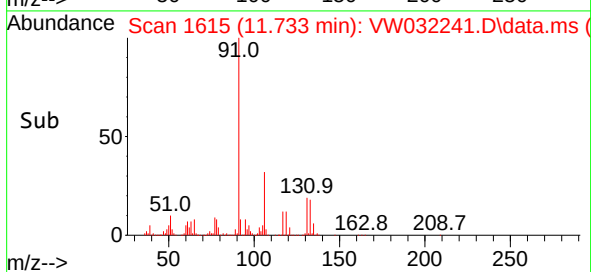
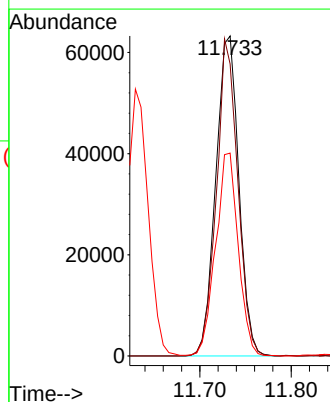
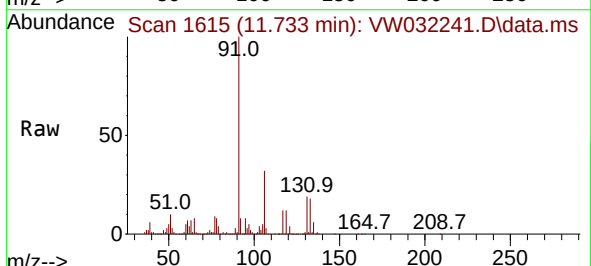
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

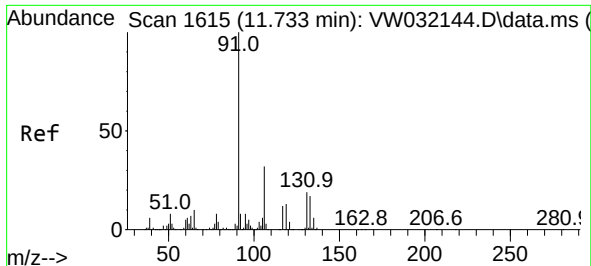
Tgt Ion:112 Resp: 325820
Ion Ratio Lower Upper
112 100
114 30.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.131 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:131 Resp: 110786
Ion Ratio Lower Upper
131 100
133 92.0 47.7 143.1
119 62.6 32.8 98.3





#67

Ethyl Benzene

Concen: 54.368 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

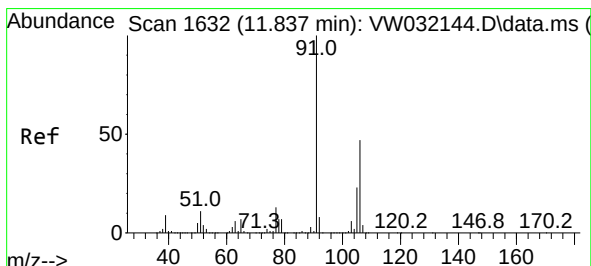
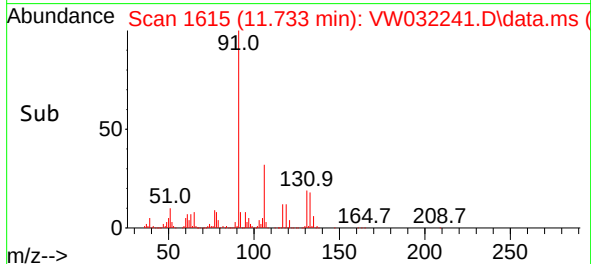
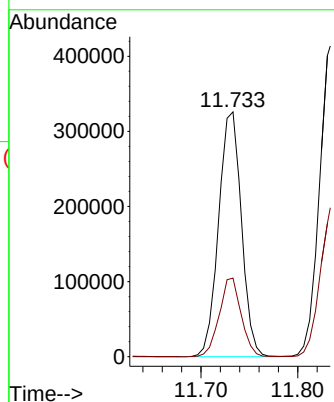
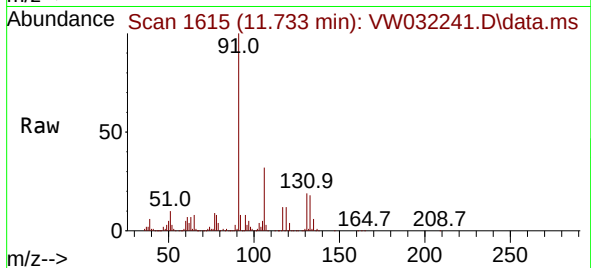
VSTDCCC050

Tgt Ion: 91 Resp: 534019

Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9



#68

m/p-Xylenes

Concen: 109.038 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032241.D

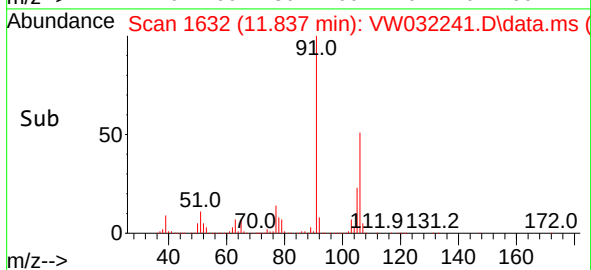
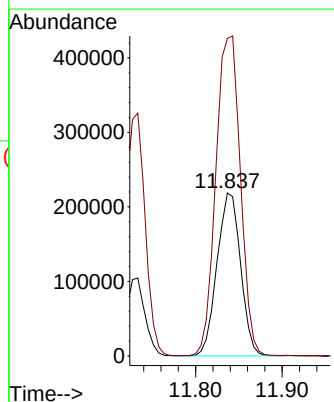
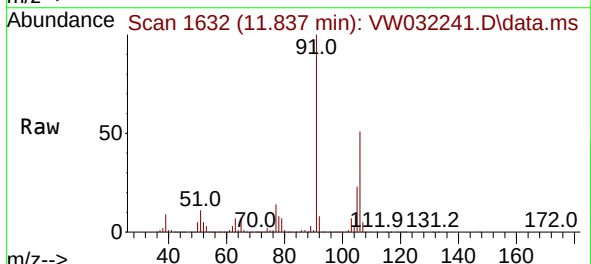
Acq: 24 Sep 2025 12:59

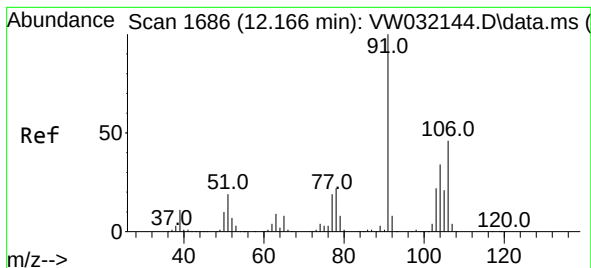
Tgt Ion:106 Resp: 412192

Ion Ratio Lower Upper

106 100

91 205.8 164.2 246.2





#69

o-Xylene

Concen: 54.277 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

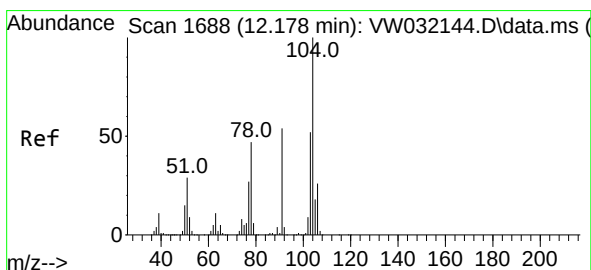
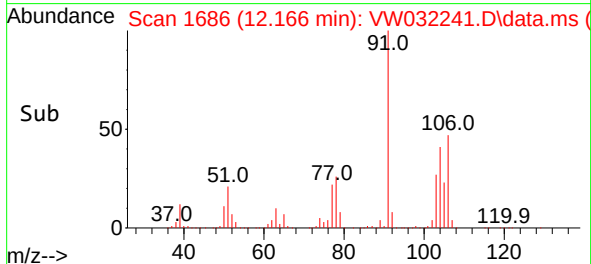
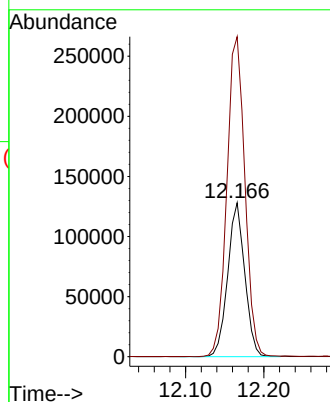
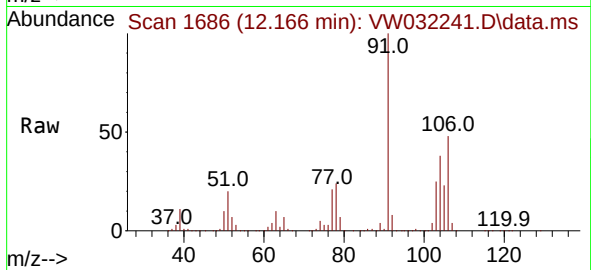
VSTDCCC050

Tgt Ion:106 Resp: 194080

Ion Ratio Lower Upper

106 100

91 219.1 108.7 326.3



#70

Styrene

Concen: 57.819 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

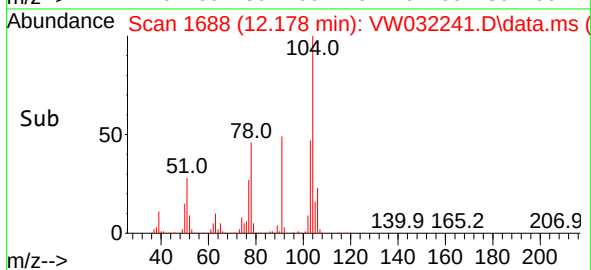
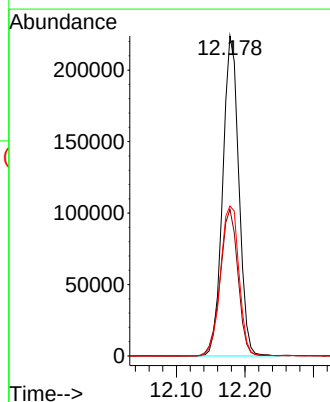
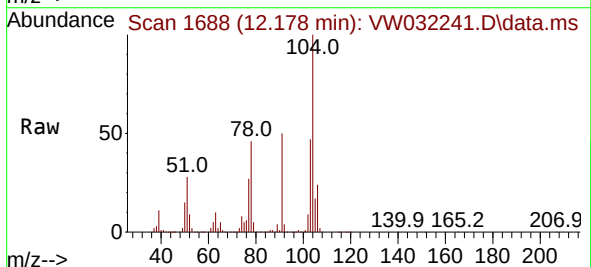
Tgt Ion:104 Resp: 364451

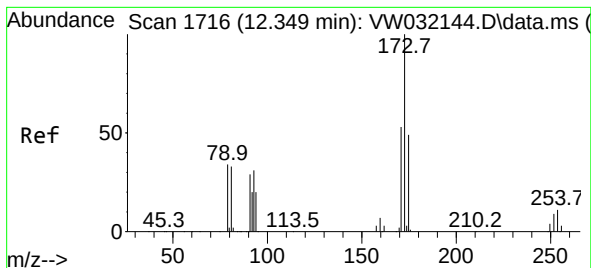
Ion Ratio Lower Upper

104 100

78 50.4 41.6 62.4

103 53.7 44.8 67.2





#71

Bromoform

Concen: 55.101 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

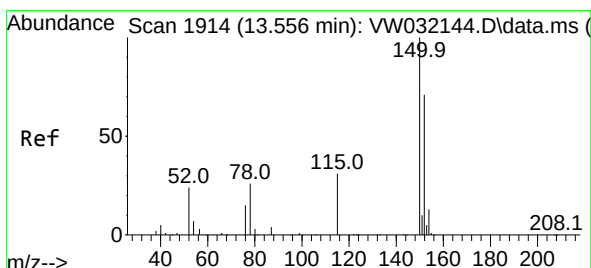
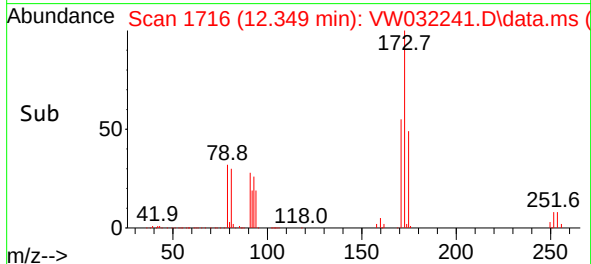
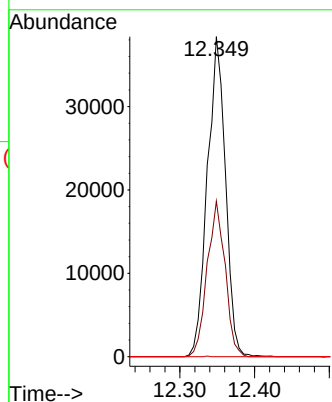
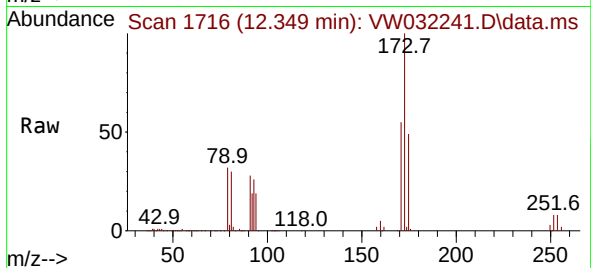
Tgt Ion:173 Resp: 64592

Ion Ratio Lower Upper

173 100

175 48.0 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: VW032241.D

Acq: 24 Sep 2025 12:59

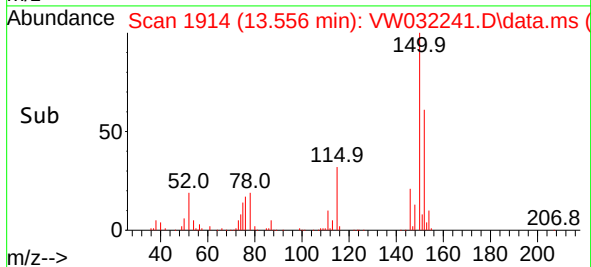
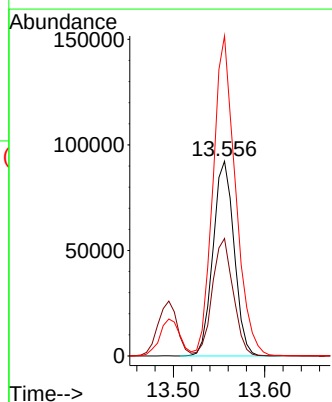
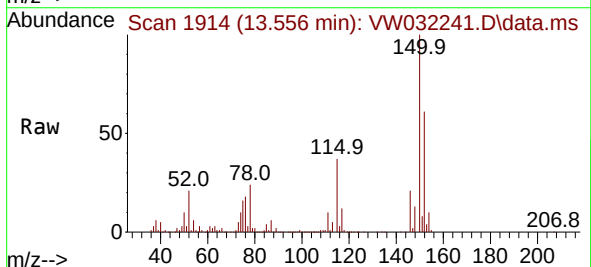
Tgt Ion:152 Resp: 147797

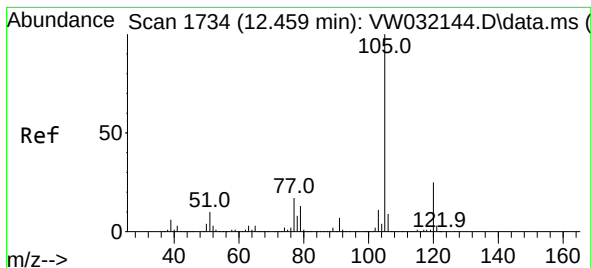
Ion Ratio Lower Upper

152 100

115 59.7 31.8 95.4

150 175.3 0.0 343.0





#73

Isopropylbenzene

Concen: 49.958 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

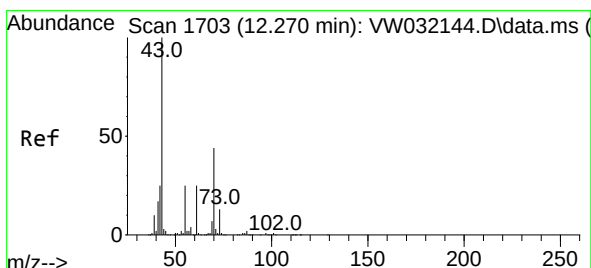
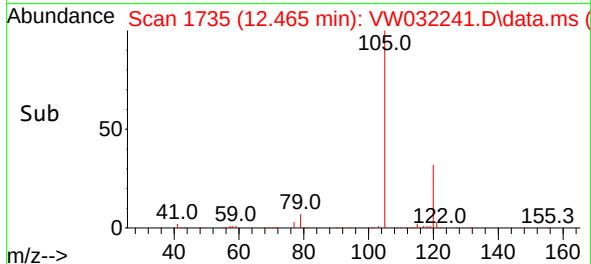
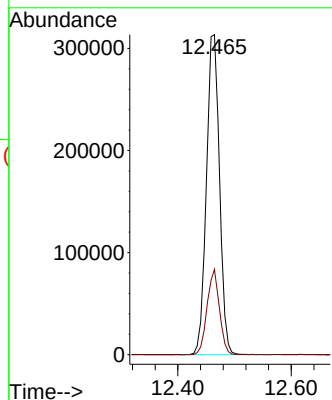
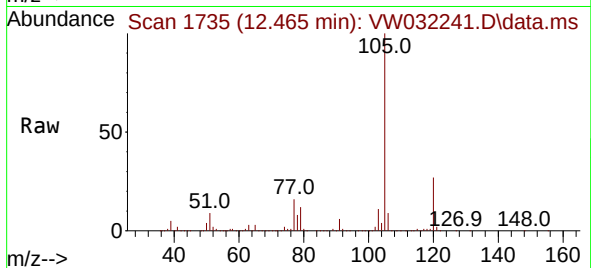
VSTDCCC050

Tgt Ion:105 Resp: 501620

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9



#74

N-ethyl acetate

Concen: 47.441 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 138299

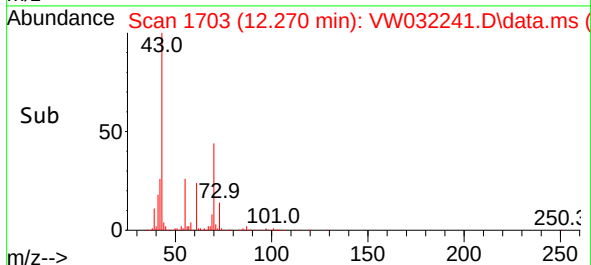
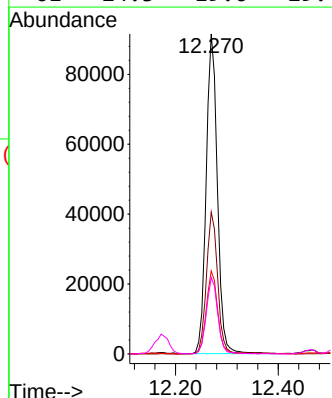
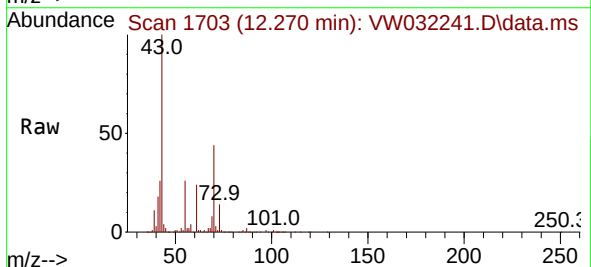
Ion Ratio Lower Upper

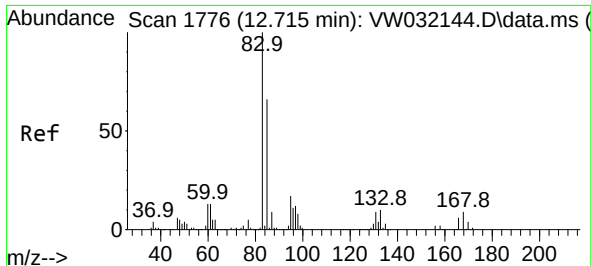
43 100

70 44.5 35.3 52.9

55 26.2 19.9 29.9

61 24.3 19.6 29.4

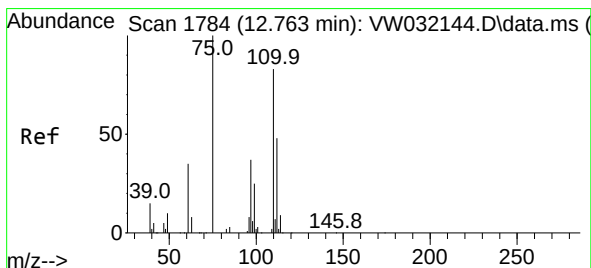
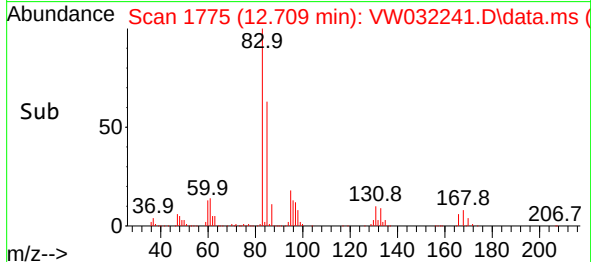
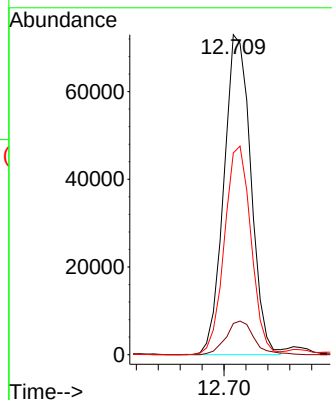
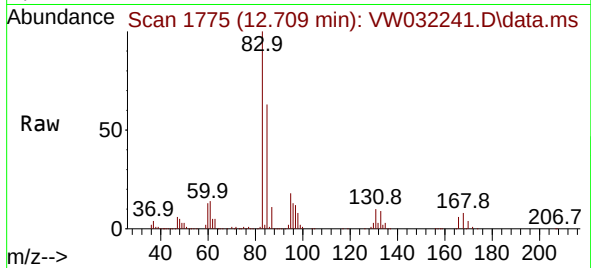




#75
1,1,2,2-Tetrachloroethane
Concen: 52.209 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

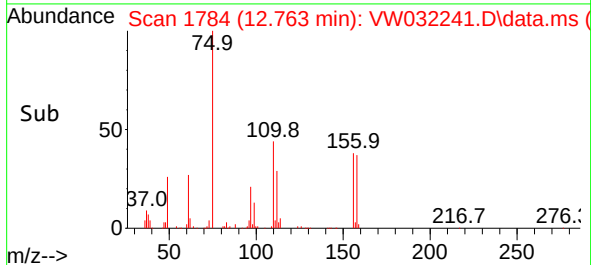
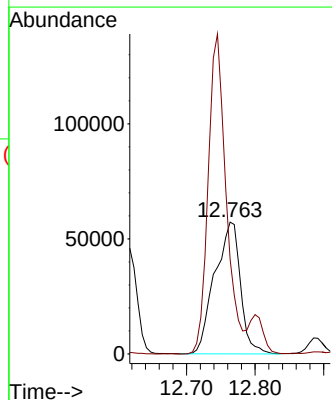
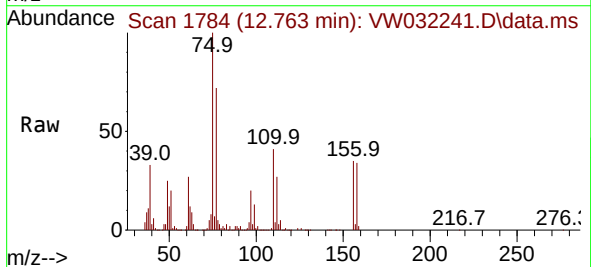
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

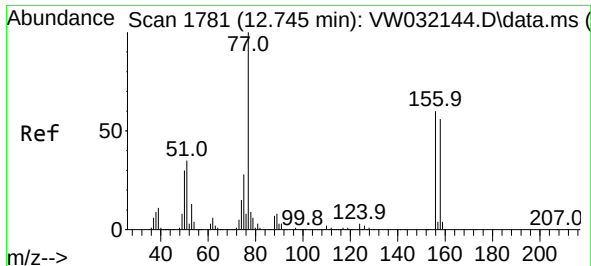
Tgt Ion: 83 Resp: 124582
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 80.439 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 148941
Ion Ratio Lower Upper
75 100
77 169.6 141.7 425.1

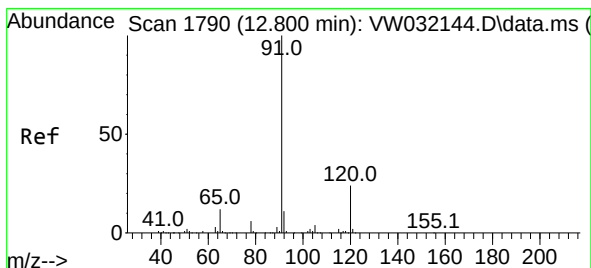
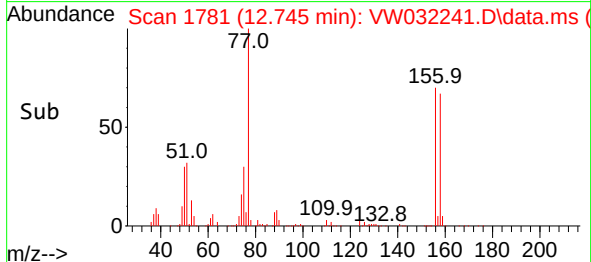
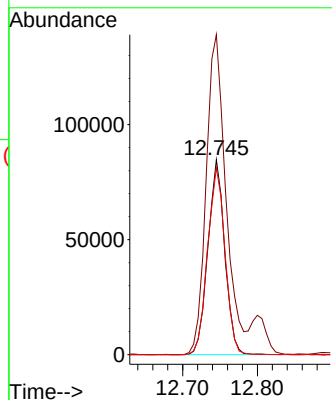
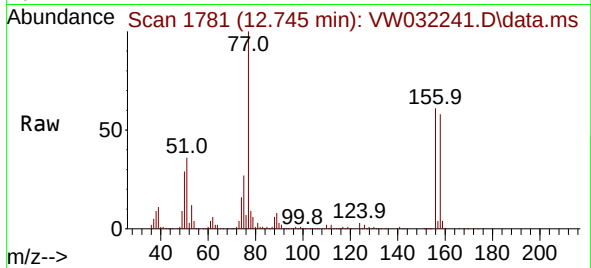




#77
Bromobenzene
Concen: 51.857 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

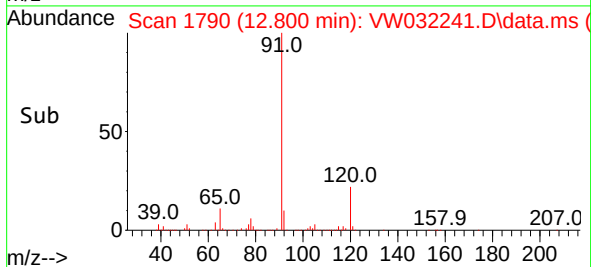
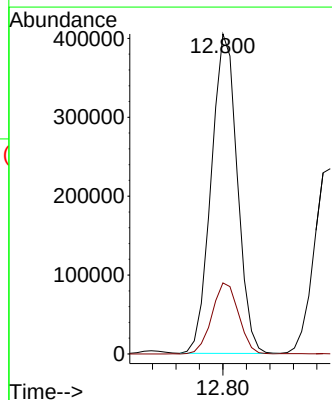
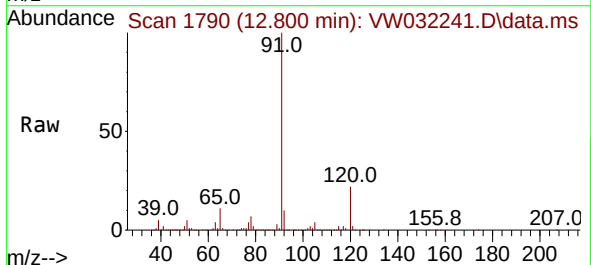
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

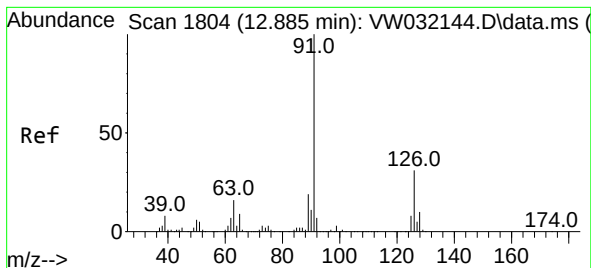
Tgt Ion:156 Resp: 132779
Ion Ratio Lower Upper
156 100
77 190.2 98.6 295.7
158 99.2 48.4 145.0



#78
n-propylbenzene
Concen: 51.197 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 624108
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4

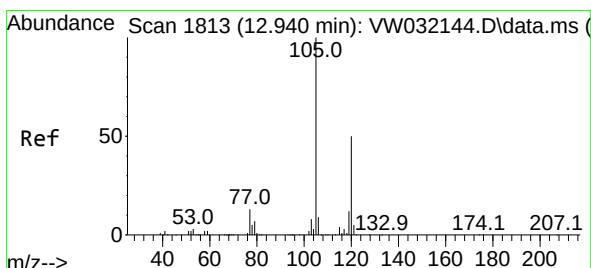
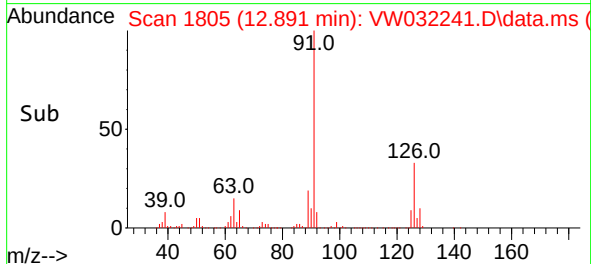
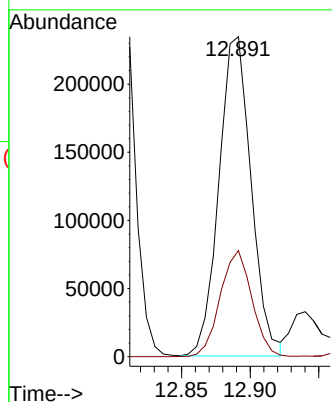
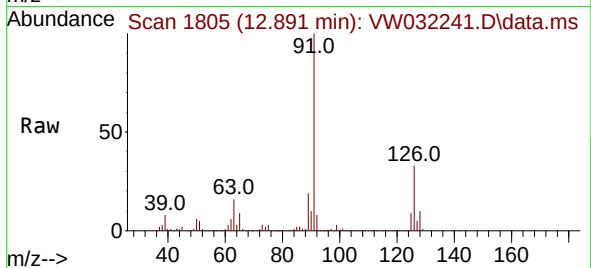




#79
2-Chlorotoluene
Concen: 51.459 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

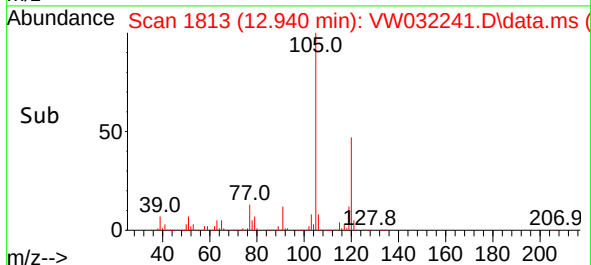
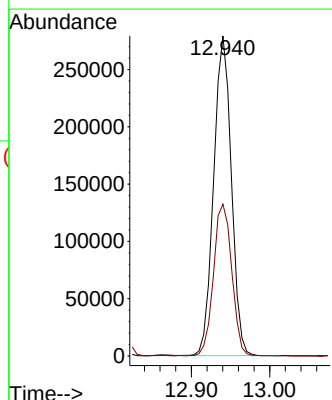
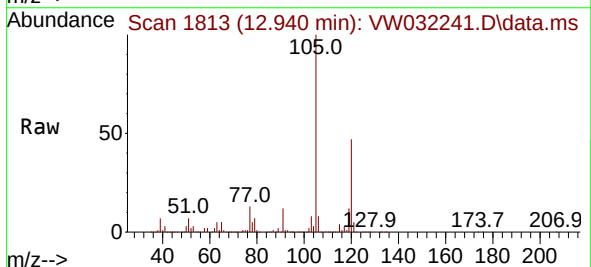
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

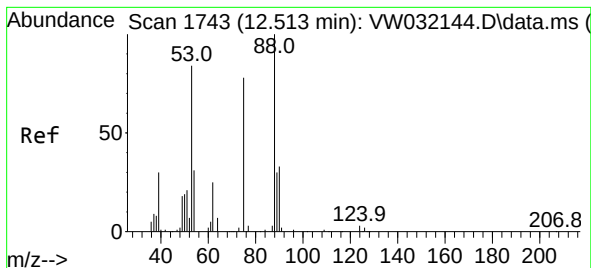
Tgt Ion: 91 Resp: 383600
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 51.503 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 105 Resp: 437834
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

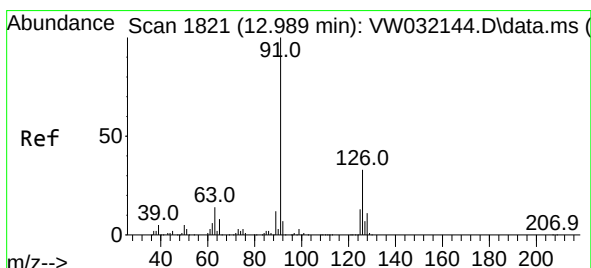
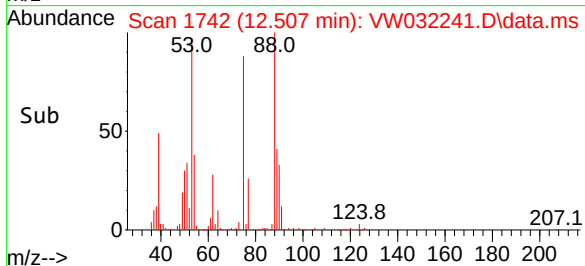
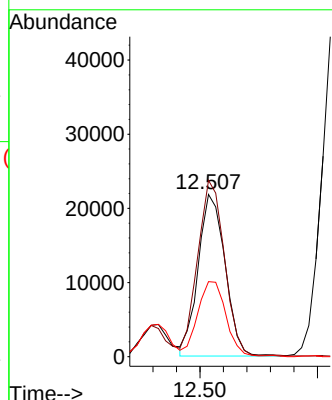
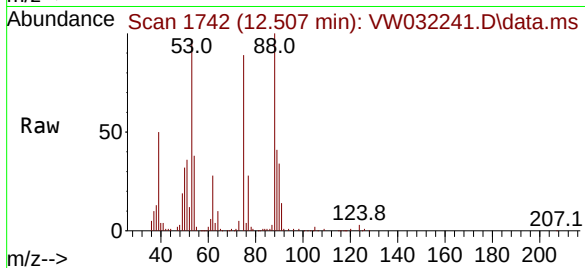




#81
trans-1,4-Dichloro-2-butene
Concen: 50.511 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

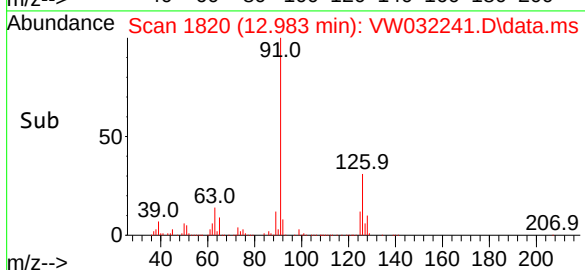
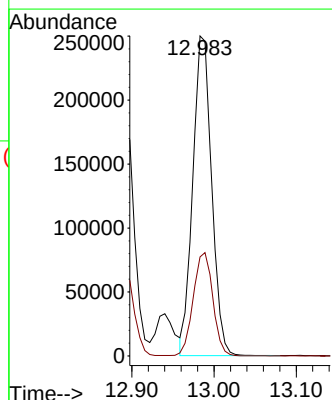
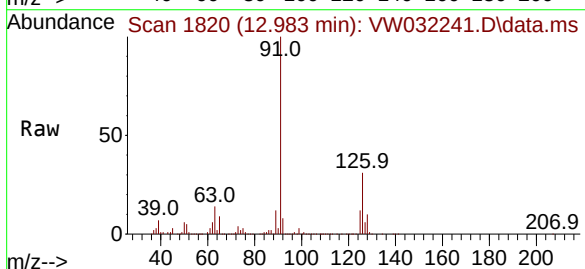
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

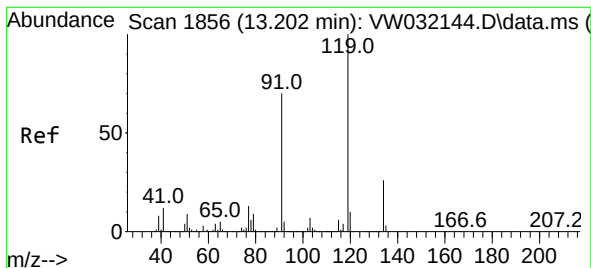
Tgt Ion: 75 Resp: 34736
Ion Ratio Lower Upper
75 100
53 107.4 91.0 136.6
89 49.1 39.4 59.2



#82
4-Chlorotoluene
Concen: 49.825 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 397572
Ion Ratio Lower Upper
91 100
126 33.6 16.1 48.2

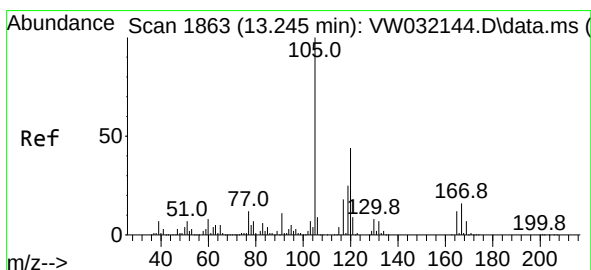
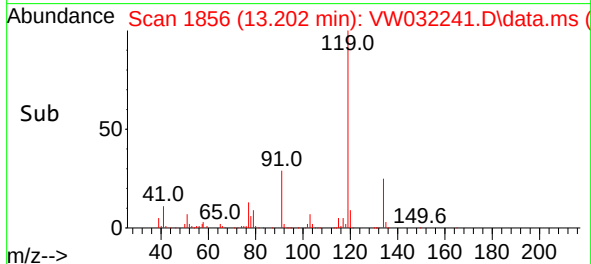
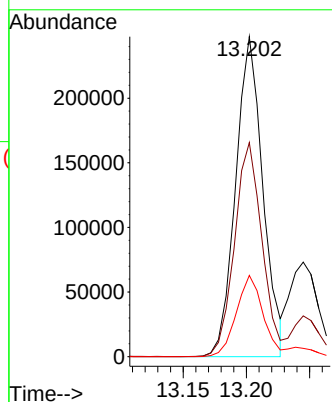
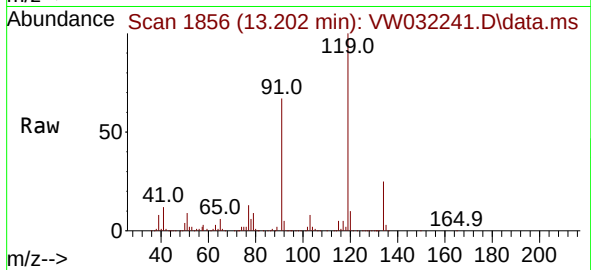




#83
tert-Butylbenzene
Concen: 51.573 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

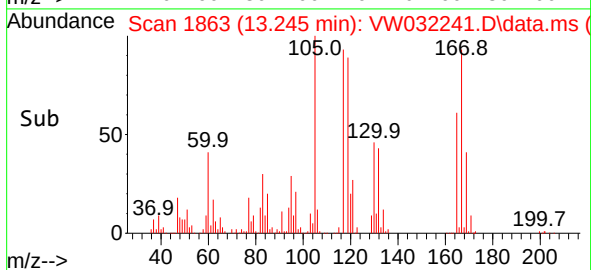
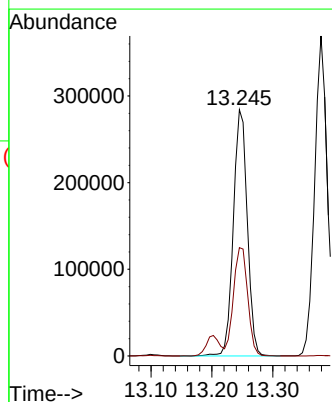
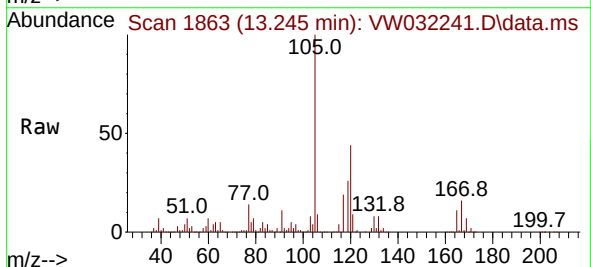
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

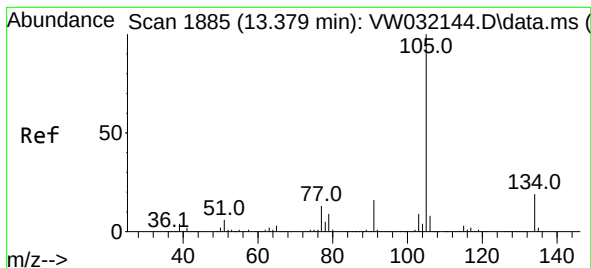
Tgt Ion:119 Resp: 371745
Ion Ratio Lower Upper
119 100
91 67.2 33.8 101.3
134 25.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 51.391 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:105 Resp: 451989
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.932 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

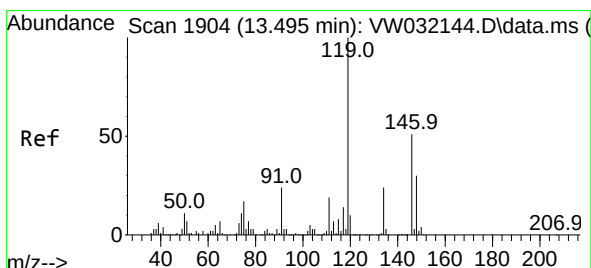
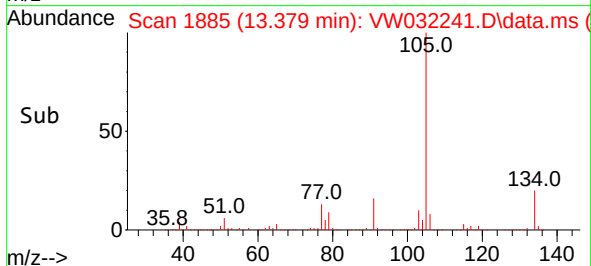
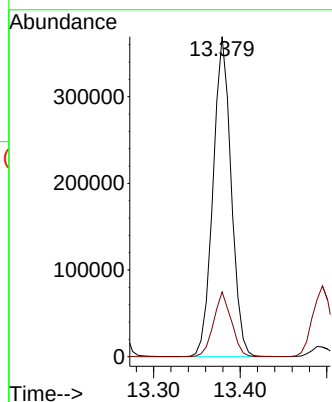
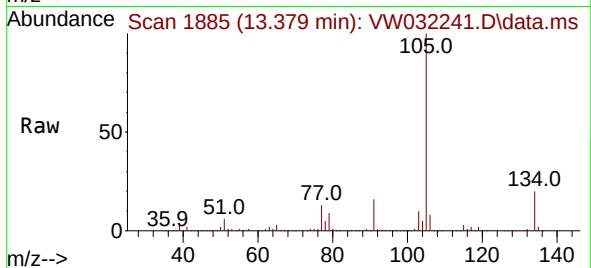
VSTDCCC050

Tgt Ion:105 Resp: 537371

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.723 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

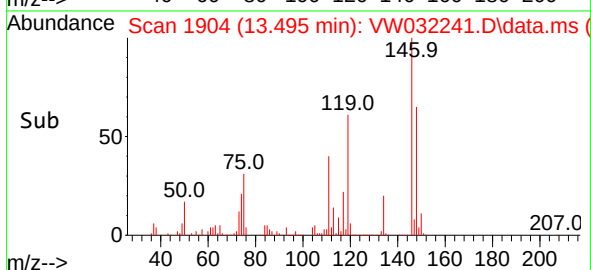
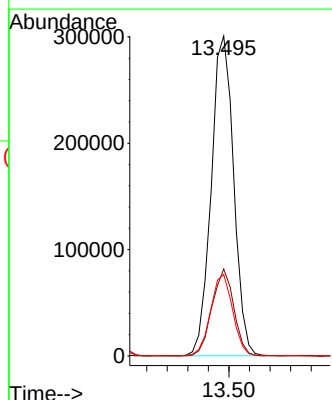
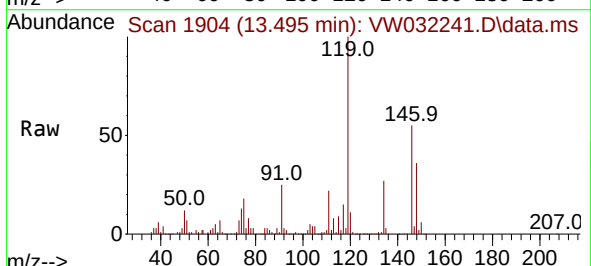
Tgt Ion:119 Resp: 455074

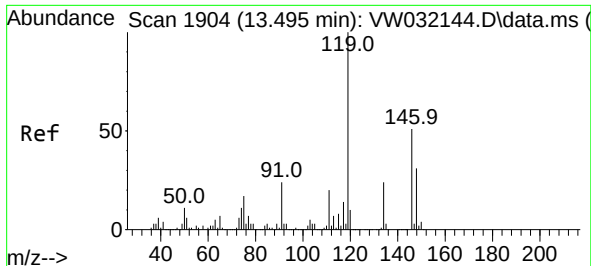
Ion Ratio Lower Upper

119 100

134 26.4 12.6 37.6

91 25.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.020 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

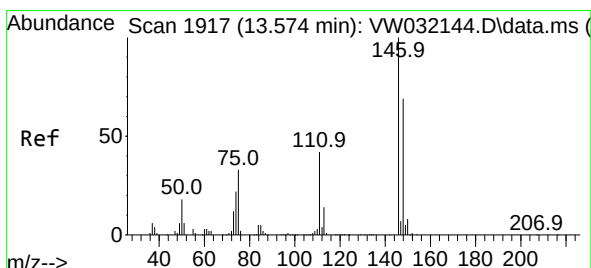
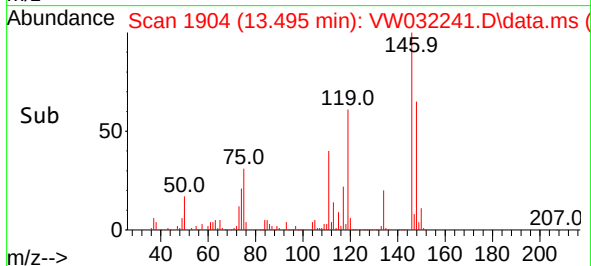
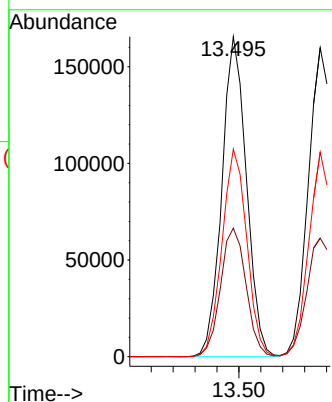
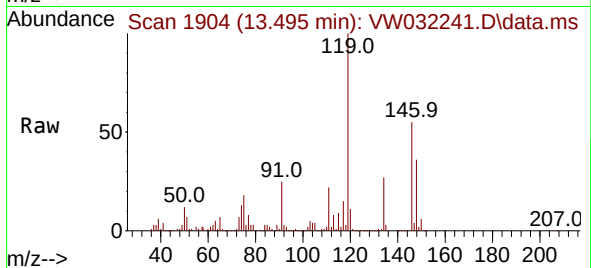
Tgt Ion:146 Resp: 257879

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 65.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 50.395 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

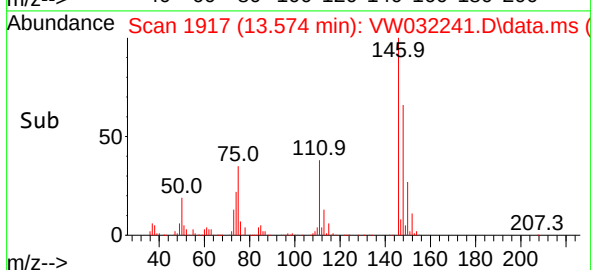
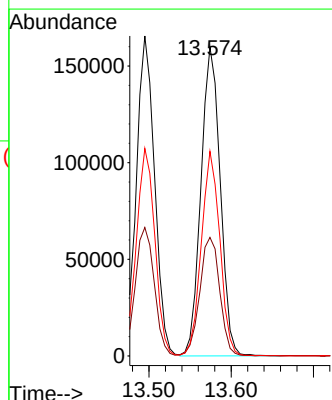
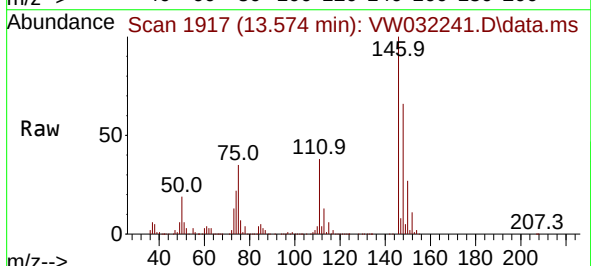
Tgt Ion:146 Resp: 260422

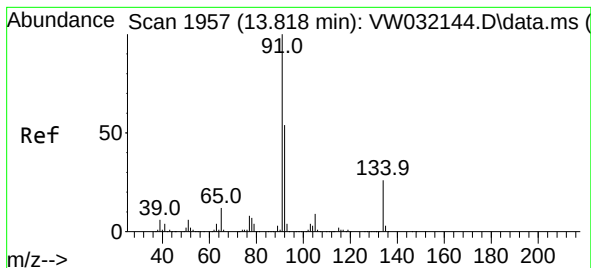
Ion Ratio Lower Upper

146 100

111 39.8 21.3 63.7

148 63.7 33.4 100.1





#89

n-Butylbenzene

Concen: 49.621 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

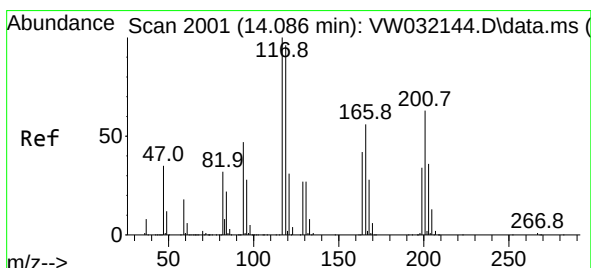
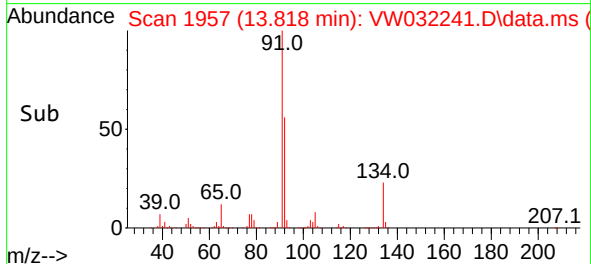
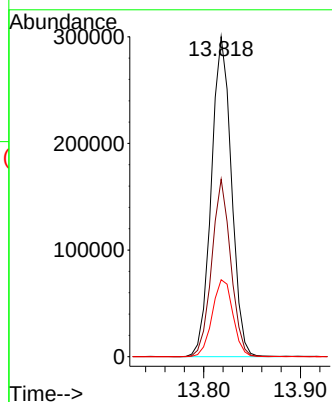
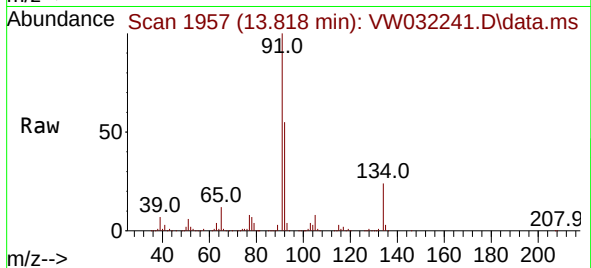
Tgt Ion: 91 Resp: 432965

Ion Ratio Lower Upper

91 100

92 52.7 27.0 81.0

134 24.8 13.1 39.3



#90

Hexachloroethane

Concen: 49.598 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032241.D

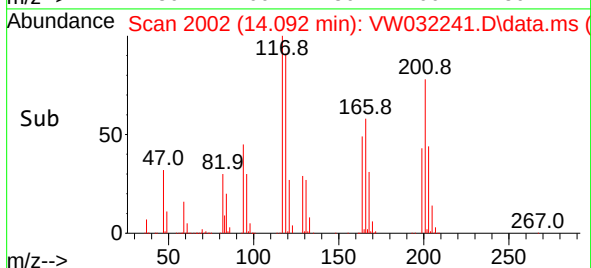
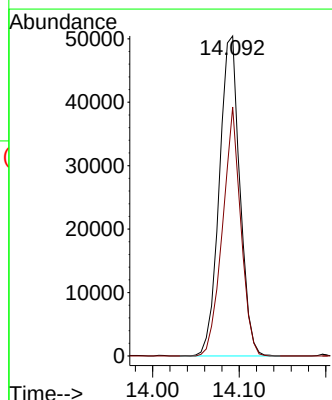
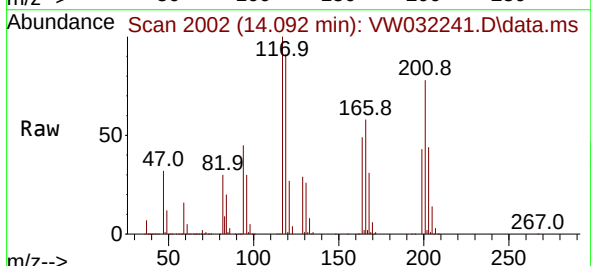
Acq: 24 Sep 2025 12:59

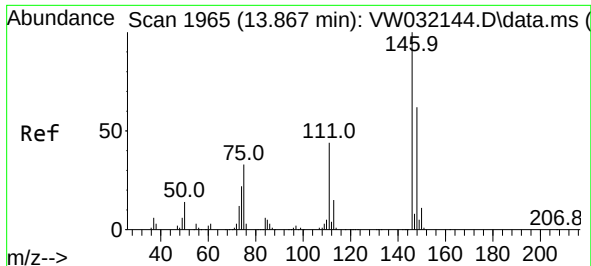
Tgt Ion: 117 Resp: 83029

Ion Ratio Lower Upper

117 100

201 69.2 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 52.711 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

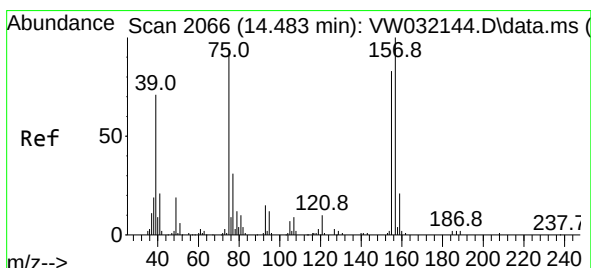
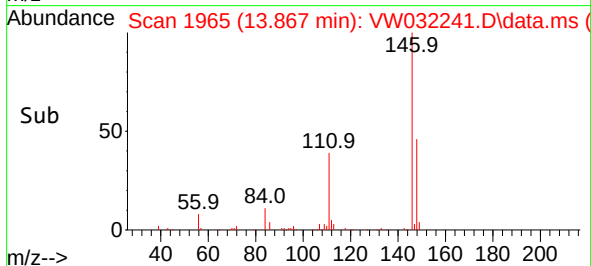
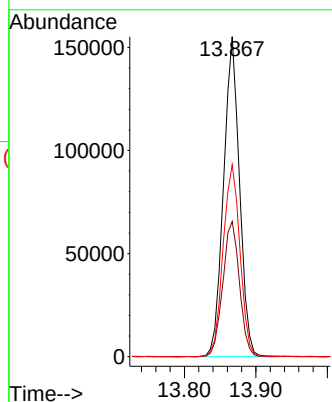
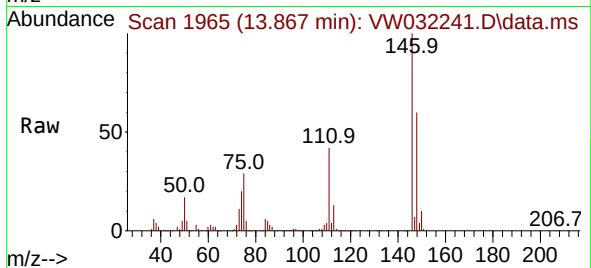
Tgt Ion:146 Resp: 240599

Ion Ratio Lower Upper

146 100

111 44.1 23.4 70.0

148 63.3 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.853 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

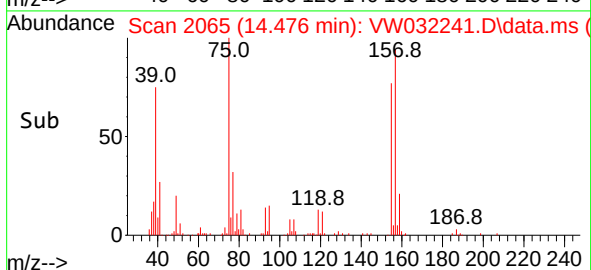
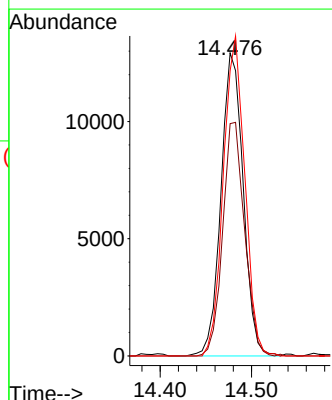
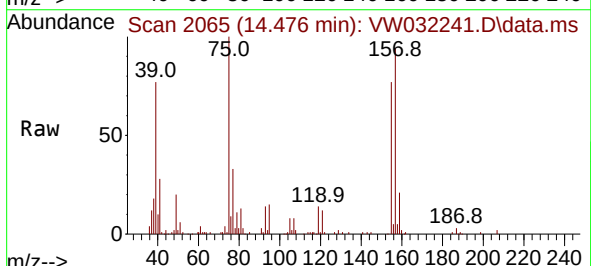
Tgt Ion: 75 Resp: 21859

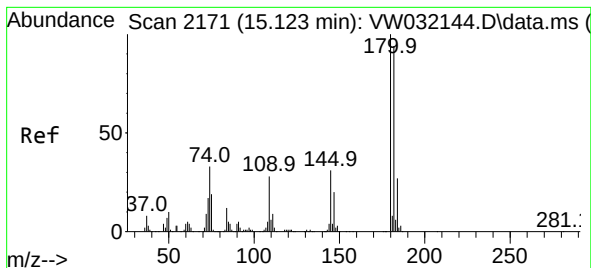
Ion Ratio Lower Upper

75 100

155 75.9 40.8 122.5

157 101.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 49.738 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

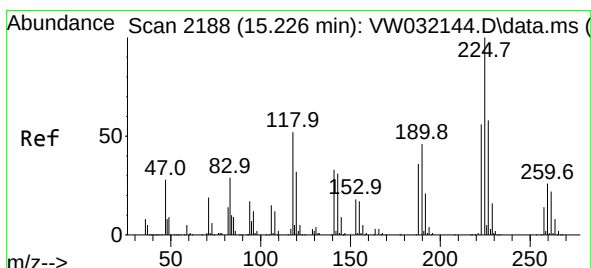
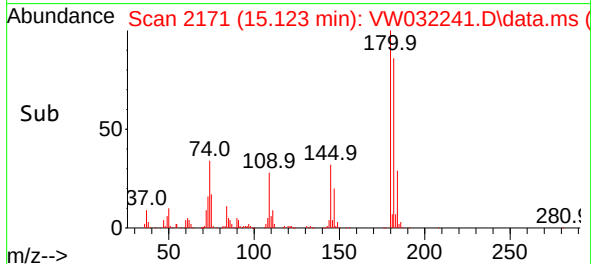
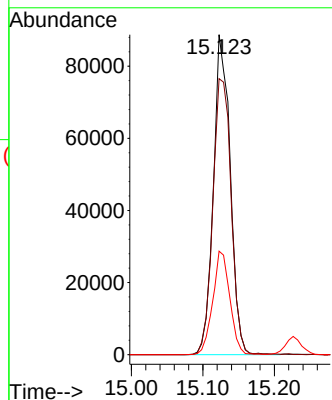
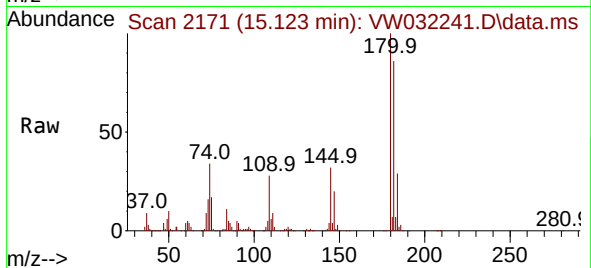
Tgt Ion:180 Resp: 145050

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

145 32.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.895 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

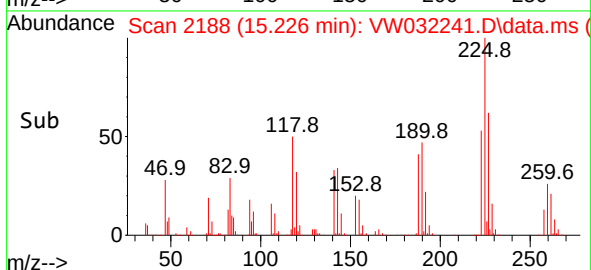
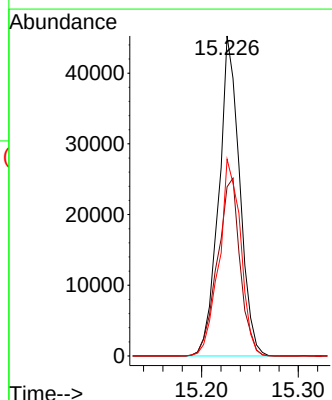
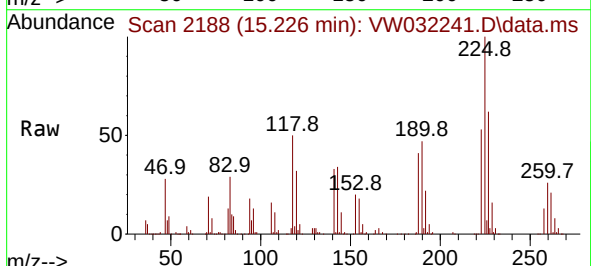
Tgt Ion:225 Resp: 67827

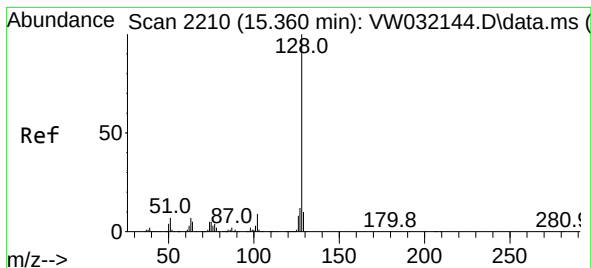
Ion Ratio Lower Upper

225 100

223 60.5 29.8 89.3

227 63.5 30.5 91.5

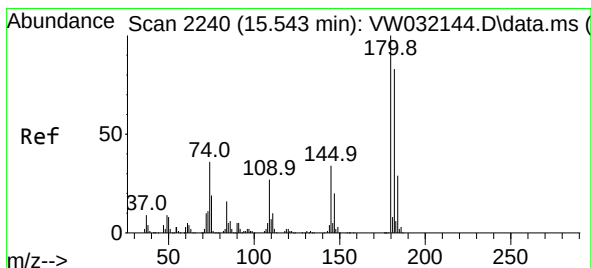
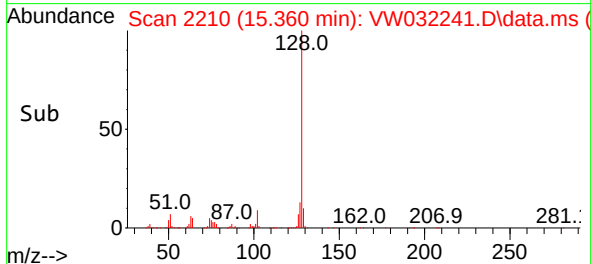
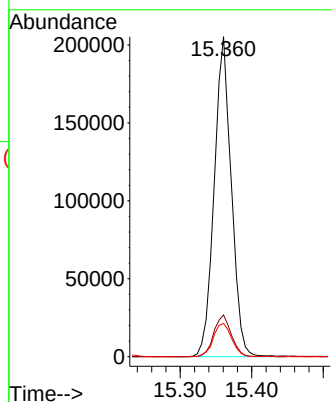
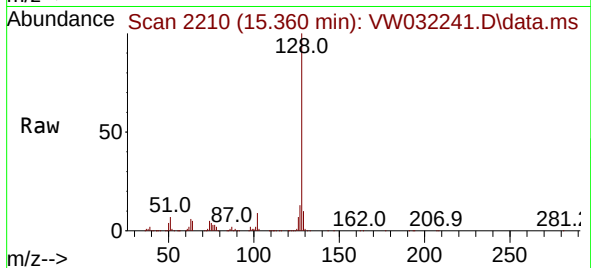




#95
Naphthalene
Concen: 51.582 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 340442
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.484 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:180 Resp: 139633
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 35.5 17.2 51.6

