

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032232.D
 Acq On : 22 Sep 2025 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 23 06:08:06 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	7.959	168	188164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	321133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	310007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	155666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	135464	50.340	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.680%	
35) Dibromofluoromethane	7.905	113	115438	51.236	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.480%	
50) Toluene-d8	10.331	98	400180	50.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.617	95	148643	50.823	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	50965	41.024	ug/l	98
3) Chloromethane	2.259	50	66642	51.163	ug/l	96
4) Vinyl Chloride	2.406	62	88482	52.301	ug/l	97
5) Bromomethane	2.826	94	74800	49.511	ug/l	96
6) Chloroethane	2.972	64	64328	53.992	ug/l	97
7) Trichlorofluoromethane	3.308	101	87607	52.263	ug/l	93
8) Diethyl Ether	3.722	74	66582	53.226	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	96198	50.944	ug/l	98
10) Methyl Iodide	4.314	142	141476	49.204	ug/l	98
11) Tert butyl alcohol	5.222	59	41052	249.403	ug/l	100
12) 1,1-Dichloroethene	4.082	96	99466	50.017	ug/l	95
13) Acrolein	3.930	56	9940	39.286	ug/l	84
14) Allyl chloride	4.710	41	140220	49.639	ug/l	99
15) Acrylonitrile	5.405	53	159542	262.326	ug/l	98
16) Acetone	4.161	43	146515	251.402	ug/l	97
17) Carbon Disulfide	4.423	76	222364	44.706	ug/l	100
18) Methyl Acetate	4.710	43	114648	61.742	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	195857	52.155	ug/l	98
20) Methylene Chloride	4.960	84	118082	49.458	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	107399	48.344	ug/l	99
22) Diisopropyl ether	6.344	45	321583	52.307	ug/l	98
23) Vinyl Acetate	6.283	43	1049080	250.978	ug/l	99
24) 1,1-Dichloroethane	6.246	63	198884	49.414	ug/l	100
25) 2-Butanone	7.197	43	215403	260.831	ug/l	97
26) 2,2-Dichloropropane	7.191	77	108564	50.935	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	132999	49.199	ug/l	100
28) Bromochloromethane	7.533	49	96307	52.271	ug/l	97
29) Tetrahydrofuran	7.551	42	139066	264.995	ug/l	99
30) Chloroform	7.697	83	232511	50.597	ug/l	99
31) Cyclohexane	7.972	56	148968	45.093	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	166666	49.683	ug/l	100
36) 1,1-Dichloropropene	8.094	75	141855	48.560	ug/l	98
37) Ethyl Acetate	7.277	43	91996	52.496	ug/l	96
38) Carbon Tetrachloride	8.081	117	153363	48.973	ug/l	97
39) Methylcyclohexane	9.343	83	167743	48.480	ug/l	96
40) Benzene	8.337	78	448770	49.698	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	50851	52.229	ug/l	95
42) 1,2-Dichloroethane	8.411	62	159033	50.803	ug/l	100
43) Isopropyl Acetate	8.435	43	169800	51.649	ug/l	99
44) Trichloroethene	9.099	130	108960	47.982	ug/l	97
45) 1,2-Dichloropropane	9.380	63	111261	51.112	ug/l	100
46) Dibromomethane	9.471	93	76731	50.257	ug/l	98
47) Bromodichloromethane	9.654	83	176814	50.961	ug/l	96
48) Methyl methacrylate	9.441	41	80720	53.278	ug/l	98
49) 1,4-Dioxane	9.459	88	18576	1006.989	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	515622	277.762	ug/l	98
52) Toluene	10.392	92	294378	49.887	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	159936	52.253	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	175540	50.263	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	99634	50.184	ug/l	97
56) Ethyl methacrylate	10.648	69	135302	53.306	ug/l	99
57) 1,3-Dichloropropane	10.934	76	170089	51.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	384221	283.601	ug/l	100
59) 2-Hexanone	10.971	43	359752	278.653	ug/l	98
60) Dibromochloromethane	11.130	129	123413	51.371	ug/l	99
61) 1,2-Dibromoethane	11.239	107	99592	51.010	ug/l	100
64) Tetrachloroethene	10.867	164	91820	45.002	ug/l	94
65) Chlorobenzene	11.660	112	336306	47.661	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	113007	48.645	ug/l	97
67) Ethyl Benzene	11.733	91	578700	50.056	ug/l	97
68) m/p-Xylenes	11.837	106	438658	98.587	ug/l	99
69) o-Xylene	12.166	106	203749	48.411	ug/l	98
70) Styrene	12.178	104	376169	50.703	ug/l	98
71) Bromoform	12.349	173	65907	47.767	ug/l #	95
73) Isopropylbenzene	12.459	105	540087	51.070	ug/l	100
74) N-amyl acetate	12.270	43	157169	51.189	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	130682	51.997	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	161159	82.638	ug/l #	1
77) Bromobenzene	12.745	156	134608	49.914	ug/l	96
78) n-propylbenzene	12.800	91	659971	51.402	ug/l	98
79) 2-Chlorotoluene	12.891	91	393642	50.137	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	466614	52.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	39143	54.042	ug/l	99
82) 4-Chlorotoluene	12.989	91	413590	49.213	ug/l	99
83) tert-Butylbenzene	13.202	119	395186	52.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	466798	50.392	ug/l	99
85) sec-Butylbenzene	13.379	105	590158	52.065	ug/l	98
86) p-Isopropyltoluene	13.495	119	489978	50.831	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	262088	48.267	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	257264	47.267	ug/l	98
89) n-Butylbenzene	13.818	91	479368	52.162	ug/l	98
90) Hexachloroethane	14.092	117	88896	50.418	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	245797	51.127	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.477	75	23475	52.872	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	143885	46.844	ug/l	98
94) Hexachlorobutadiene	15.226	225	65460	42.971	ug/l	96
95) Naphthalene	15.361	128	358865	51.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.550	180	136040	47.624	ug/l	97

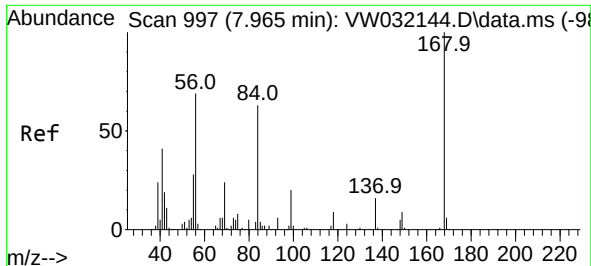
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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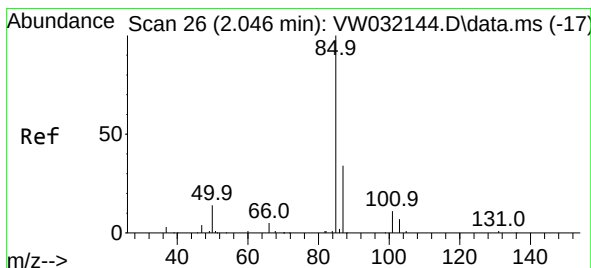
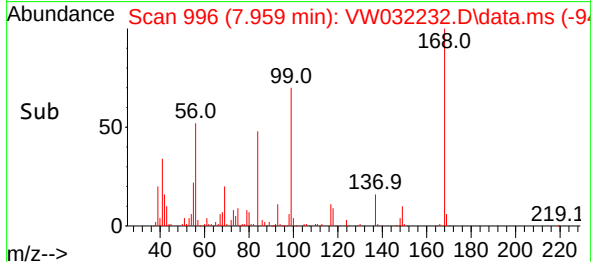
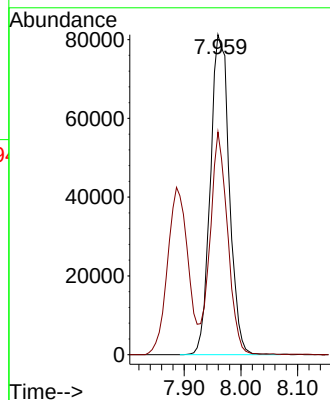
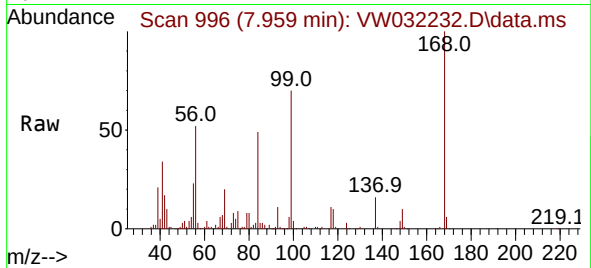
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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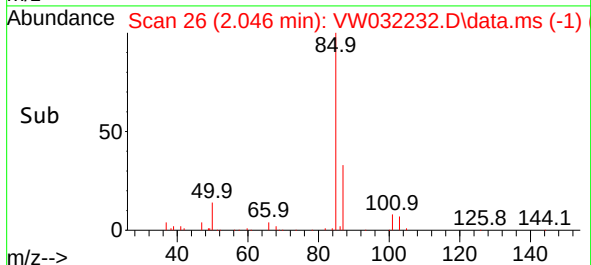
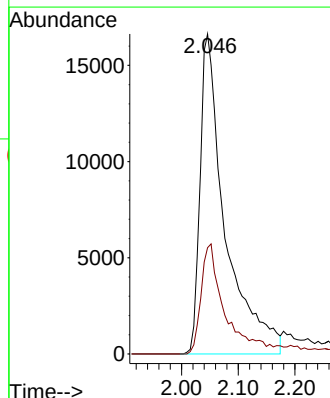
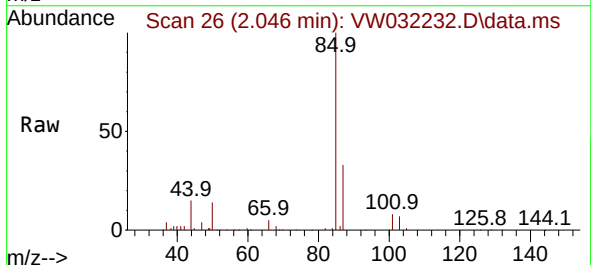
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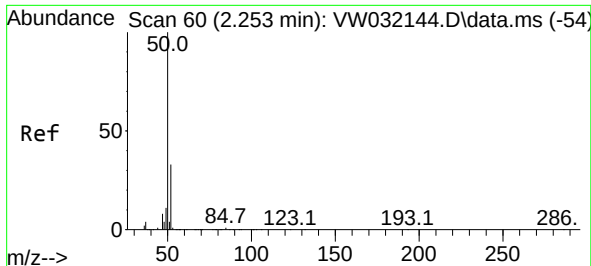
Tgt Ion:168 Resp: 188164
Ion Ratio Lower Upper
168 100
99 69.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 41.024 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 85 Resp: 50965
Ion Ratio Lower Upper
85 100
87 33.2 17.2 51.6

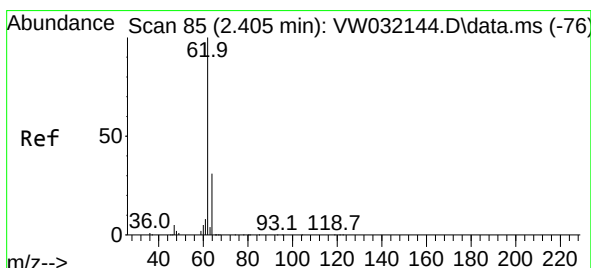
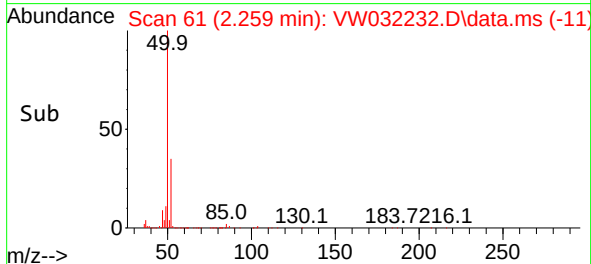
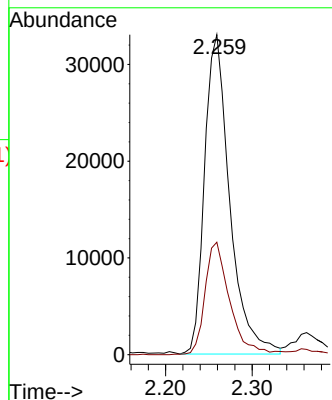
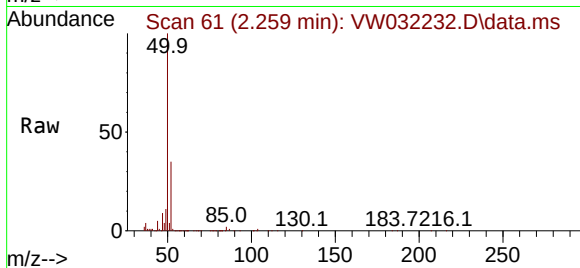




#3
Chloromethane
Concen: 51.163 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

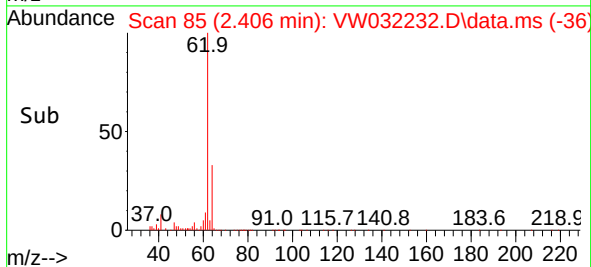
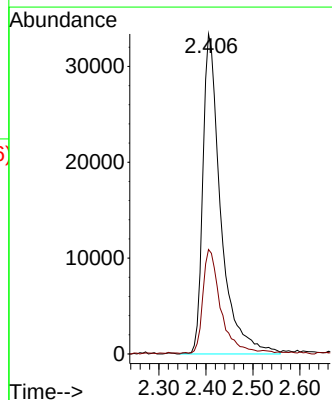
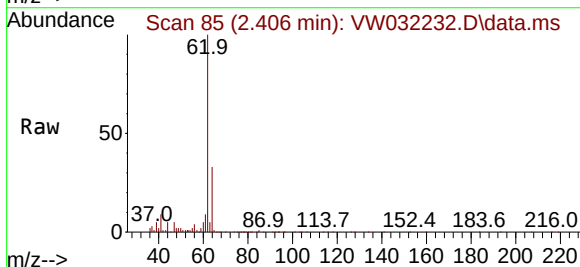
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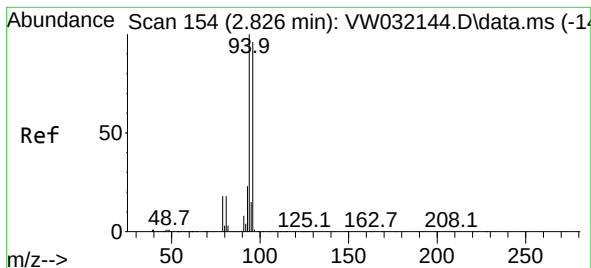
Tgt Ion: 50 Resp: 66642
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1



#4
Vinyl Chloride
Concen: 52.301 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 62 Resp: 88482
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2





#5

Bromomethane

Concen: 49.511 ug/l

RT: 2.826 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

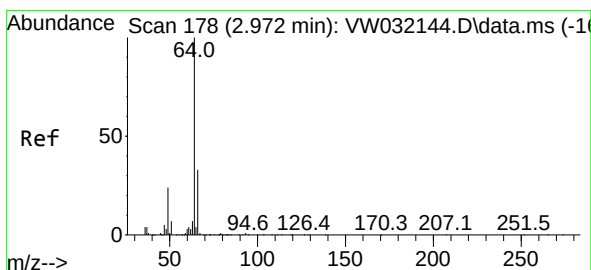
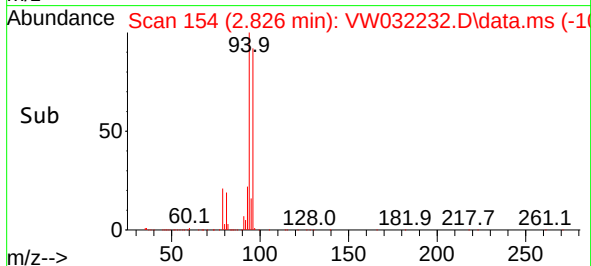
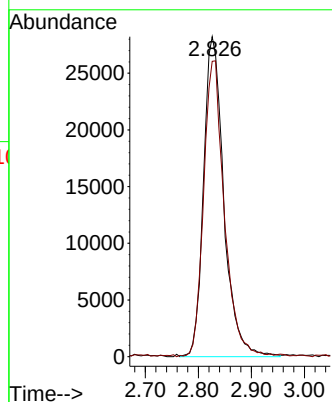
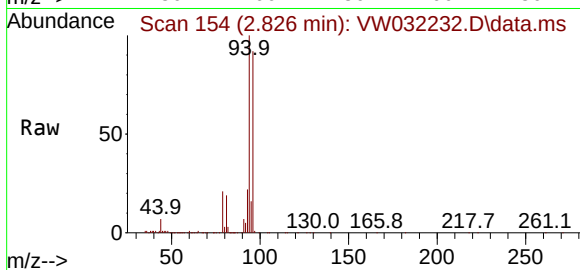
VSTDCCC050EC

Tgt Ion: 94 Resp: 74800

Ion Ratio Lower Upper

94 100

96 91.9 76.6 115.0



#6

Chloroethane

Concen: 53.992 ug/l

RT: 2.972 min Scan# 178

Delta R.T. 0.000 min

Lab File: VW032232.D

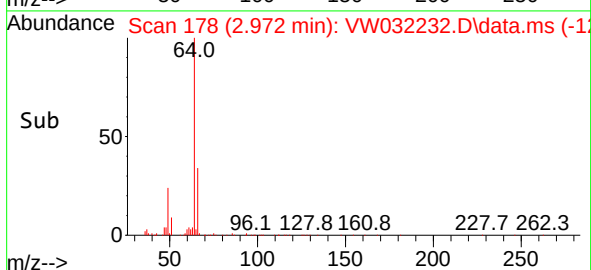
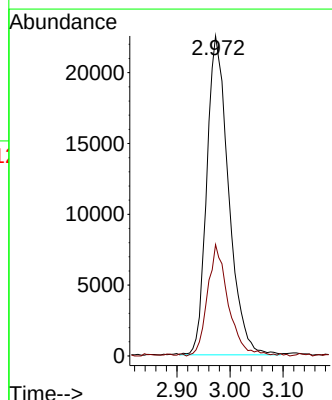
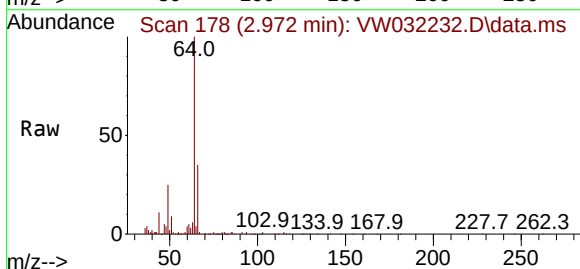
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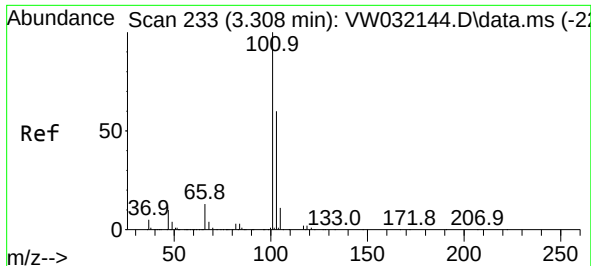
Tgt Ion: 64 Resp: 64328

Ion Ratio Lower Upper

64 100

66 34.3 26.2 39.4

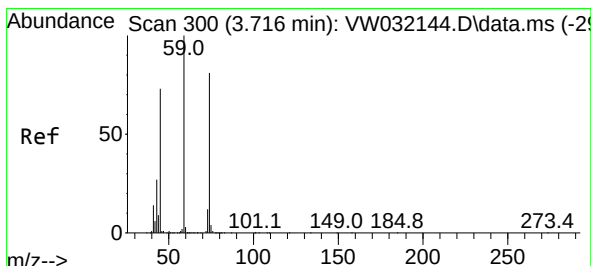
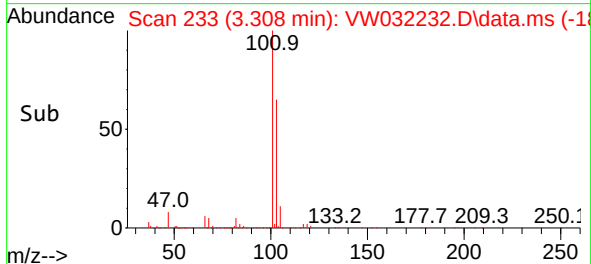
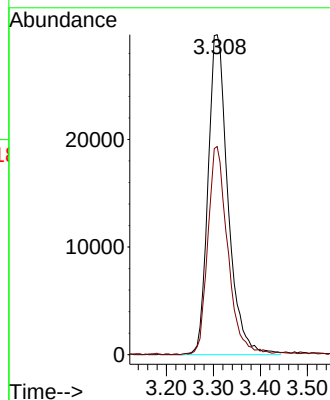
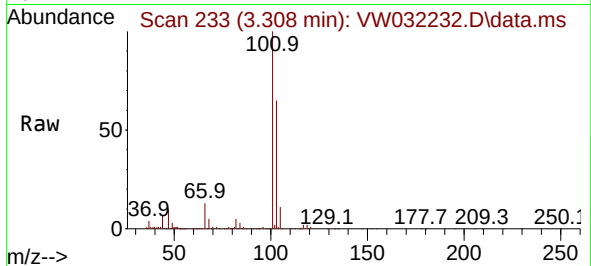




#7
 Trichlorofluoromethane
 Concen: 52.263 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

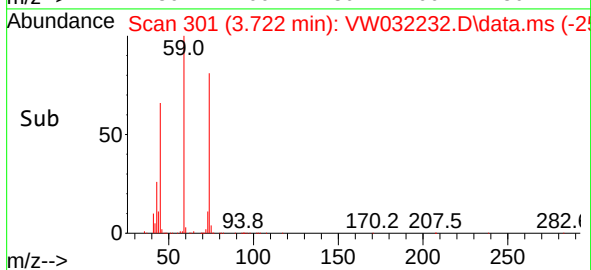
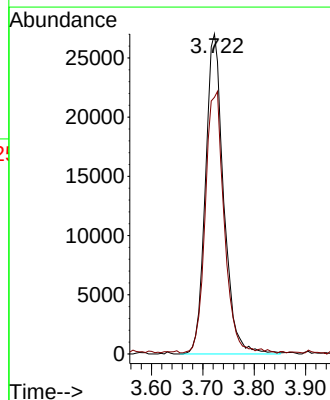
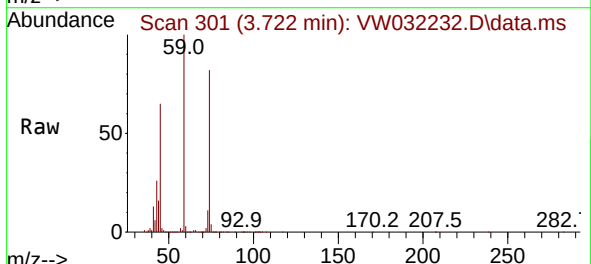
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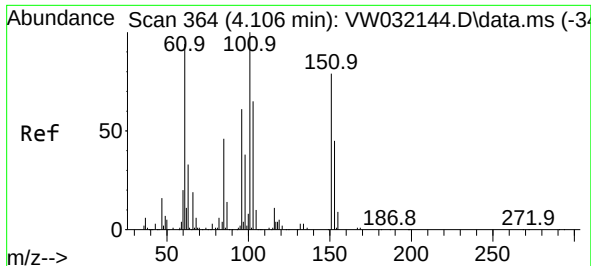
Tgt Ion:101 Resp: 87607
 Ion Ratio Lower Upper
 101 100
 103 65.1 47.8 71.8



#8
 Diethyl Ether
 Concen: 53.226 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

Tgt Ion: 74 Resp: 66582
 Ion Ratio Lower Upper
 74 100
 45 84.1 43.1 129.4

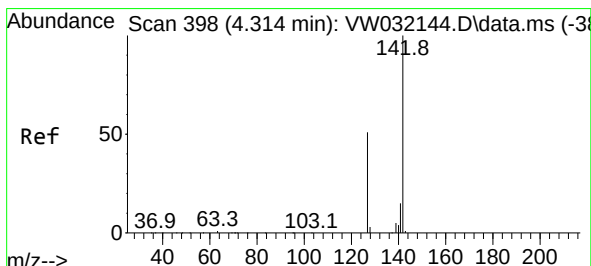
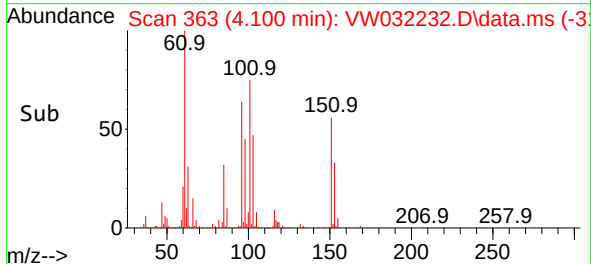
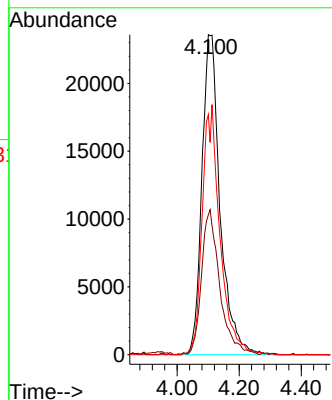
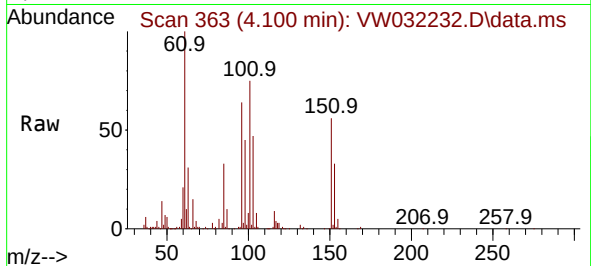




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.944 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW032232.D
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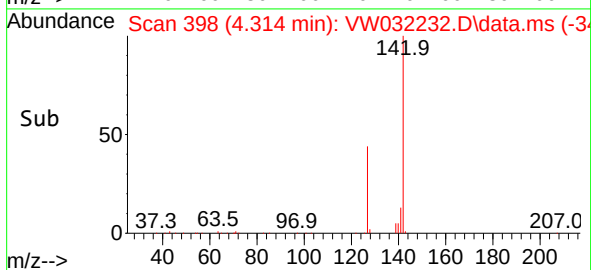
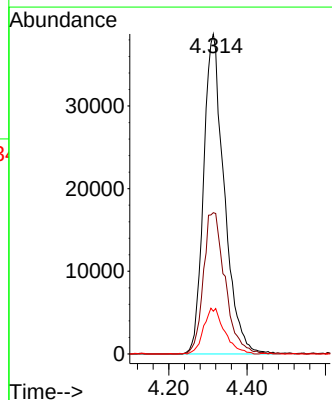
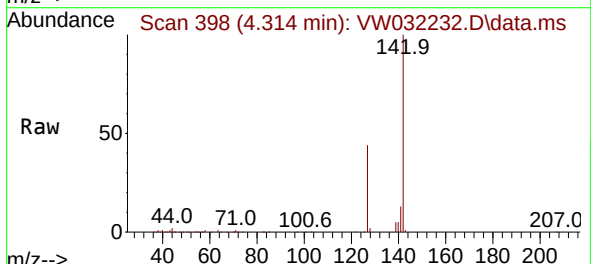
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ClientSampleId :
VSTDCCC050EC

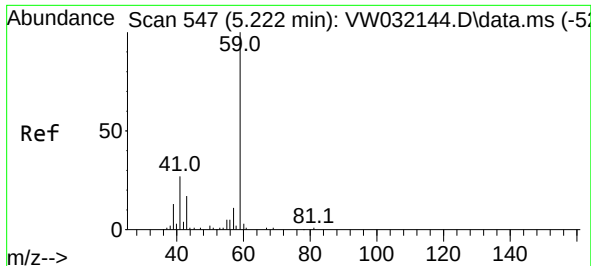
Tgt Ion:101 Resp: 96198
Ion Ratio Lower Upper
101 100
85 45.3 37.1 55.7
151 75.7 61.5 92.3



#10
Methyl Iodide
Concen: 49.204 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:142 Resp: 141476
Ion Ratio Lower Upper
142 100
127 46.5 38.2 57.2
141 14.6 12.2 18.2

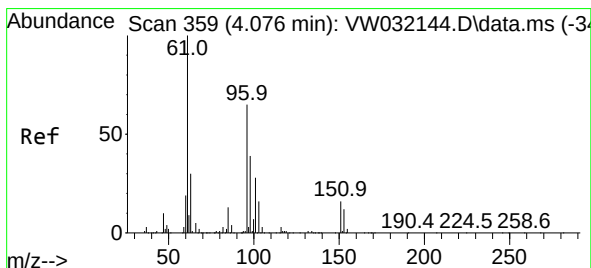
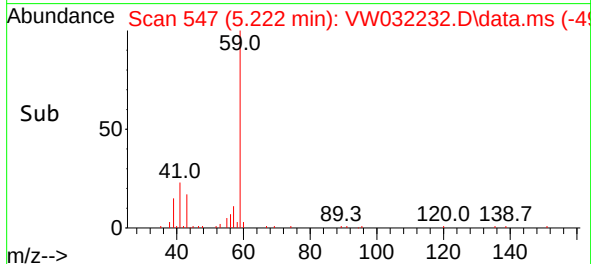
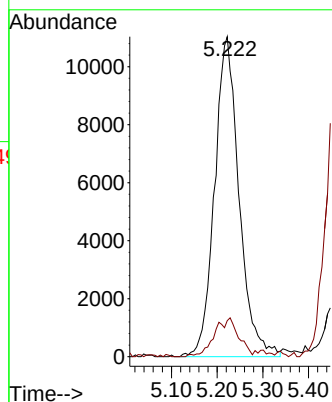
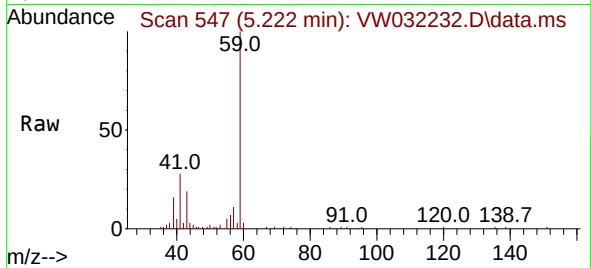




#11
Tert butyl alcohol
Concen: 249.403 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

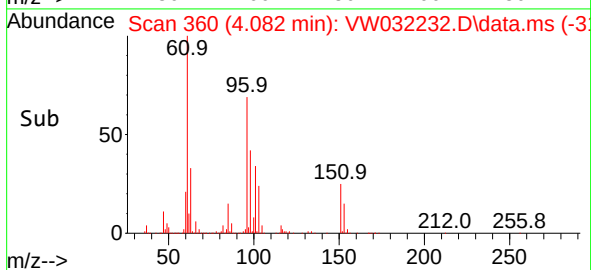
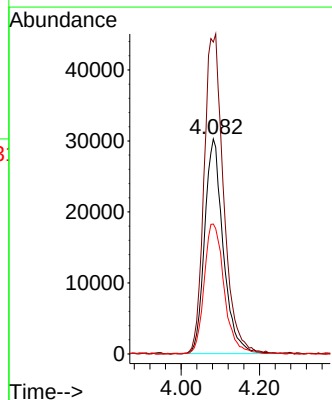
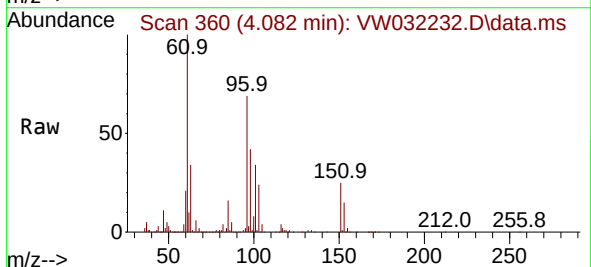
Instrument :
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ClientSampleId :
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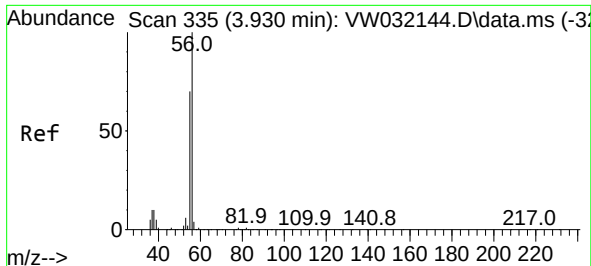
Tgt Ion: 59 Resp: 41052
Ion Ratio Lower Upper
59 100
57 12.1 9.8 14.6



#12
1,1-Dichloroethene
Concen: 50.017 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 96 Resp: 99466
Ion Ratio Lower Upper
96 100
61 145.2 123.0 184.4
98 60.3 48.5 72.7

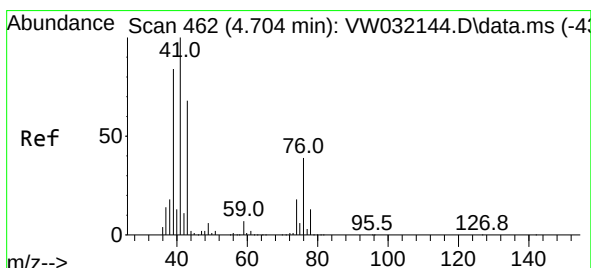
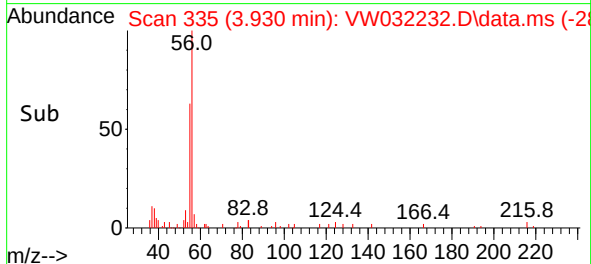
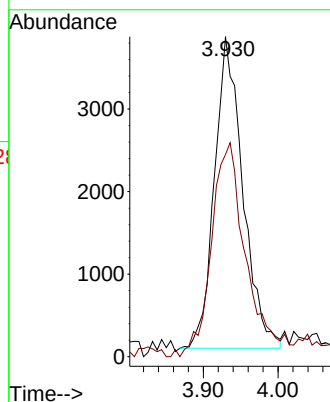
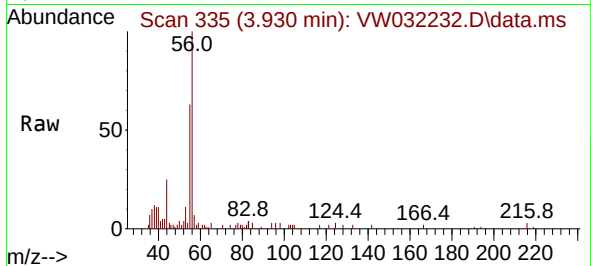




#13
Acrolein
Concen: 39.286 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

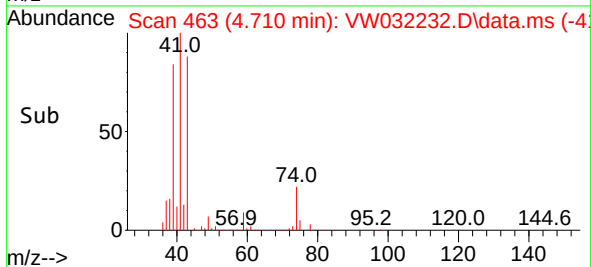
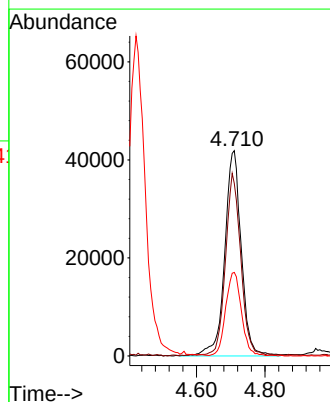
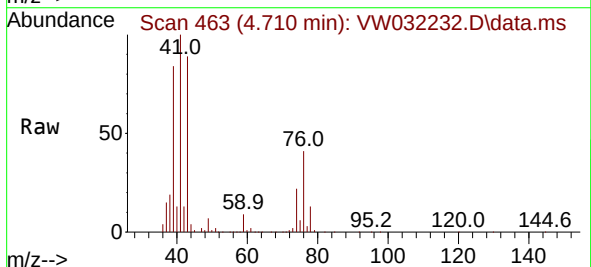
Instrument :
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ClientSampleId :
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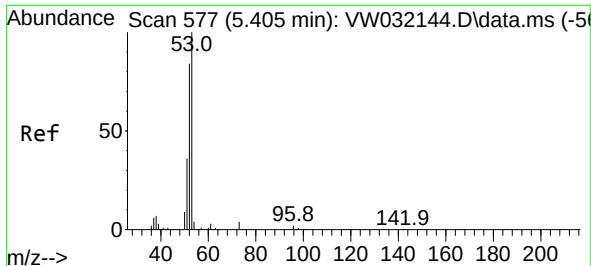
Tgt Ion: 56 Resp: 9940
Ion Ratio Lower Upper
56 100
55 83.9 56.4 84.6



#14
Allyl chloride
Concen: 49.639 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 41 Resp: 140220
Ion Ratio Lower Upper
41 100
39 80.8 64.1 96.1
76 38.1 31.4 47.2

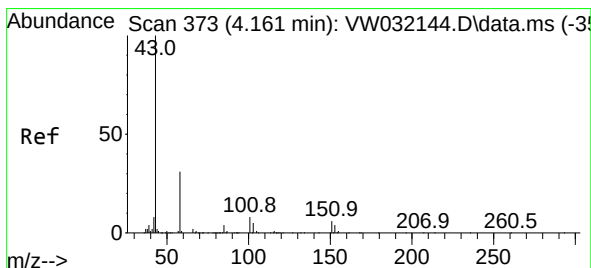
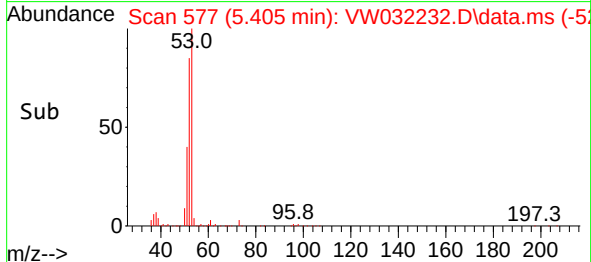
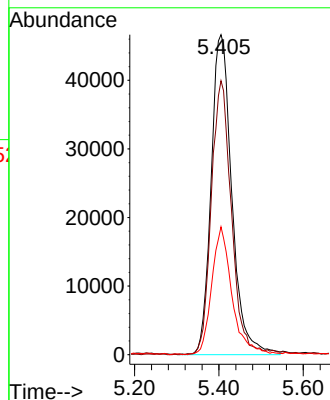
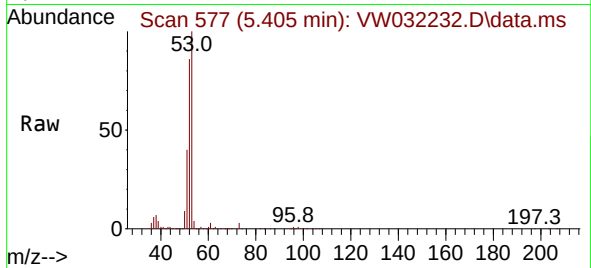




#15
Acrylonitrile
Concen: 262.326 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

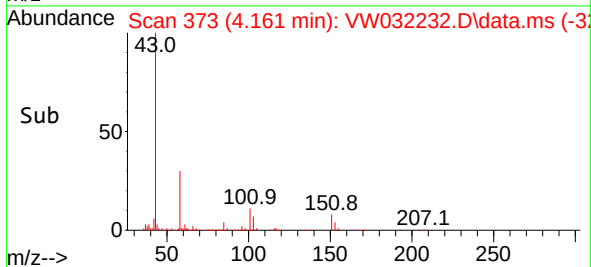
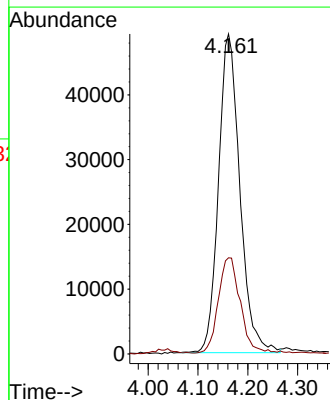
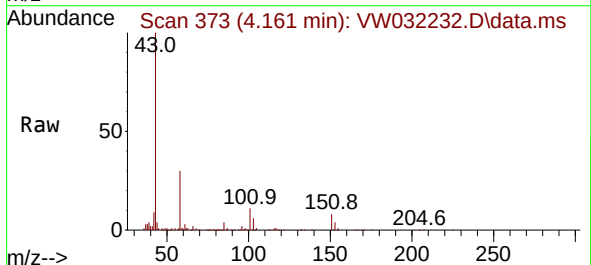
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

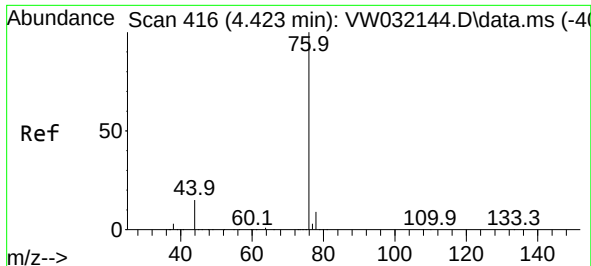
Tgt Ion: 53 Resp: 159542
Ion Ratio Lower Upper
53 100
52 82.1 67.4 101.2
51 39.0 30.3 45.5



#16
Acetone
Concen: 251.402 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 43 Resp: 146515
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9

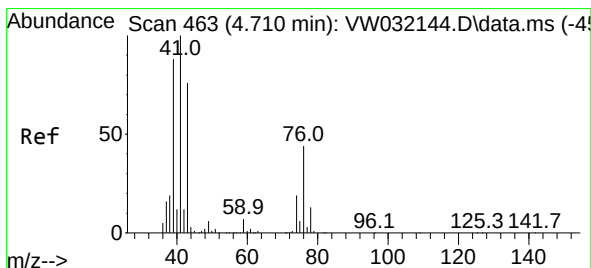
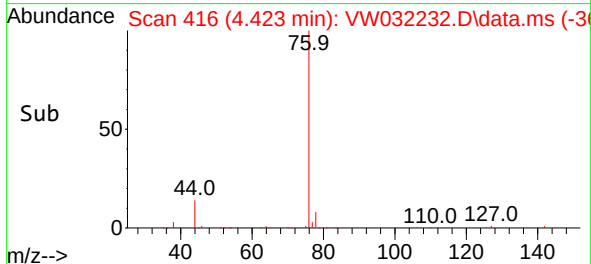
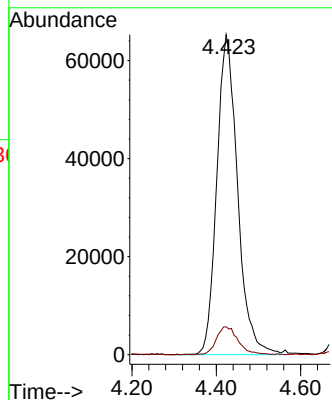
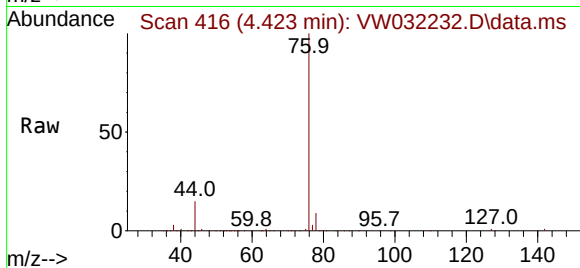




#17
Carbon Disulfide
Concen: 44.706 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

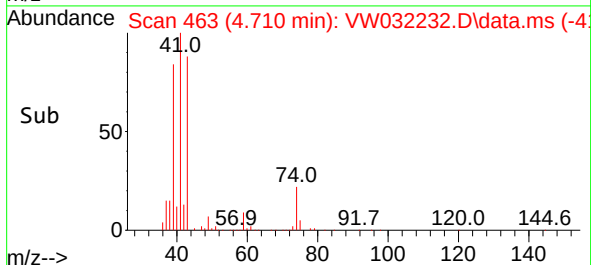
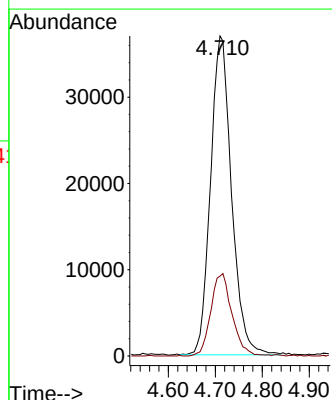
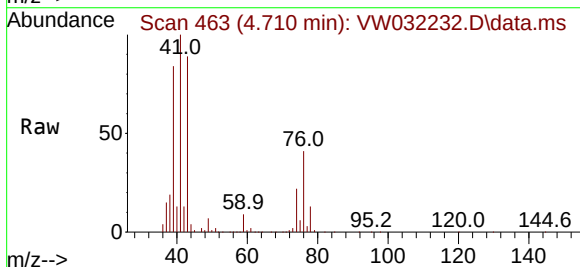
Instrument :
MSVOA_W
ClientSampleId :
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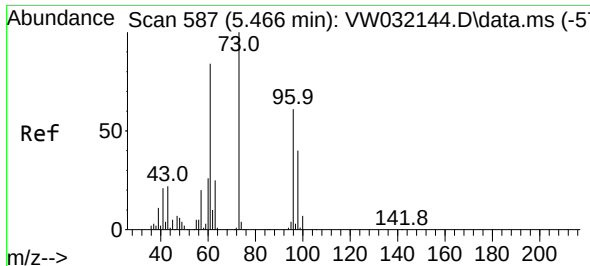
Tgt Ion: 76 Resp: 222364
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 61.742 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 43 Resp: 114648
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.4

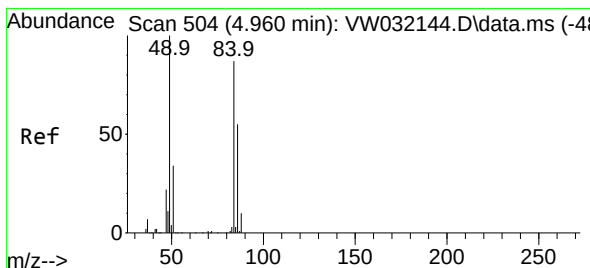
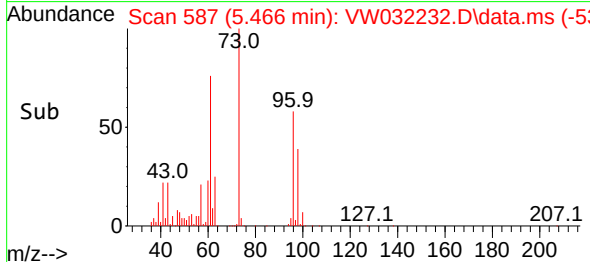
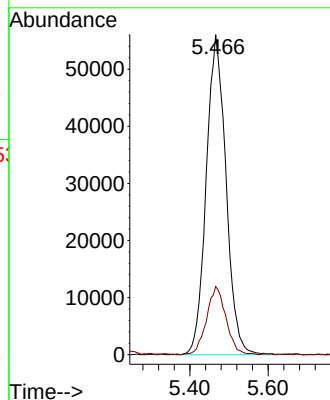
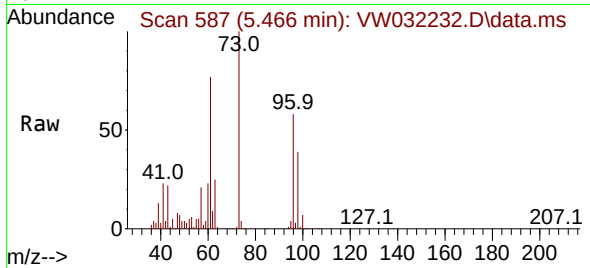




#19
Methyl tert-butyl Ether
Concen: 52.155 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

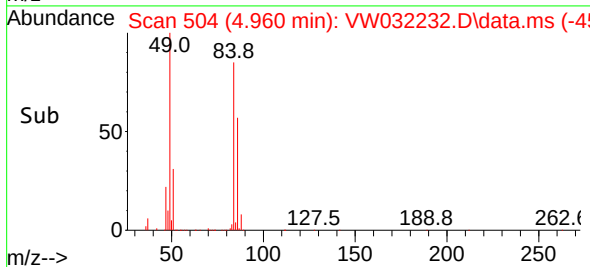
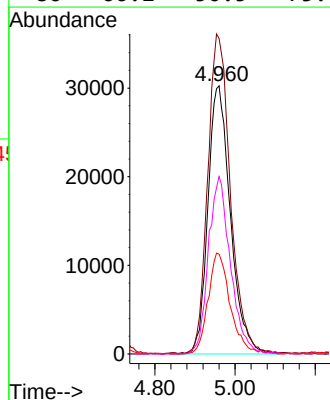
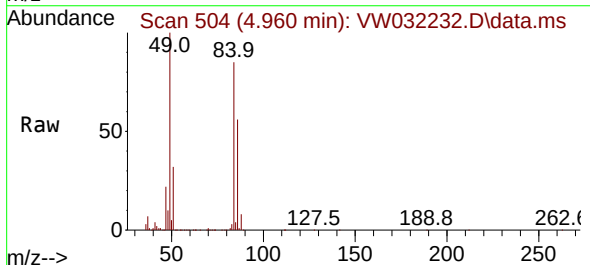
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

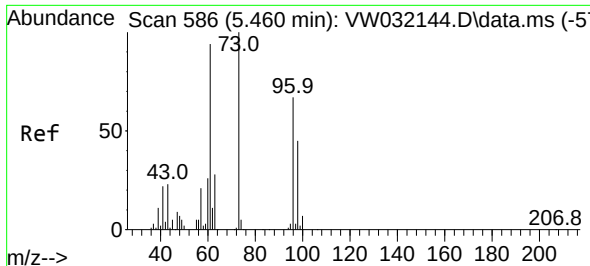
Tgt Ion: 73 Resp: 195857
Ion Ratio Lower Upper
73 100
57 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 49.458 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 84 Resp: 118082
Ion Ratio Lower Upper
84 100
49 117.4 92.2 138.4
51 37.0 31.0 46.6
86 66.2 50.5 75.7

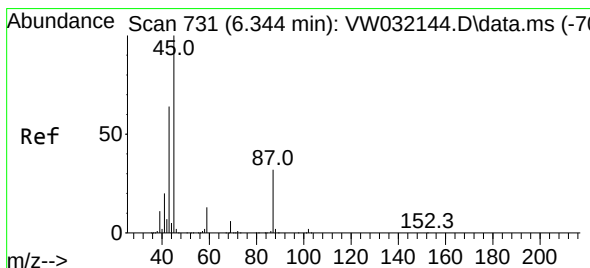
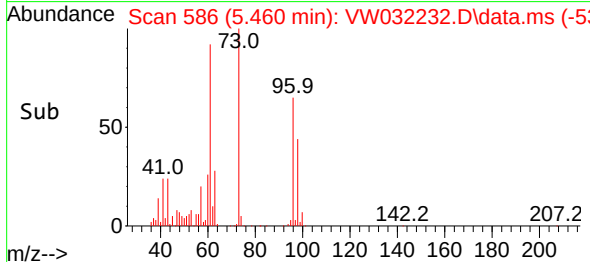
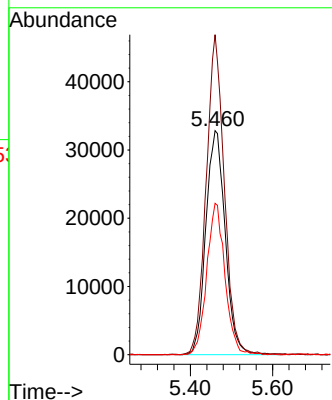
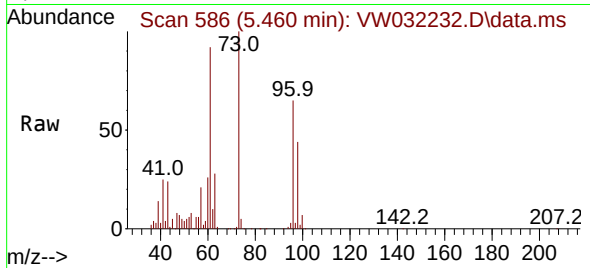




#21
trans-1,2-Dichloroethene
Concen: 48.344 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

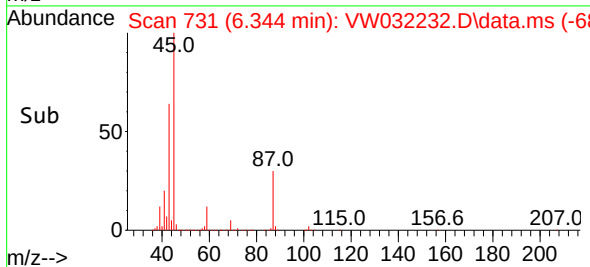
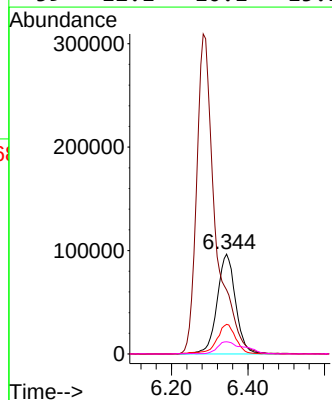
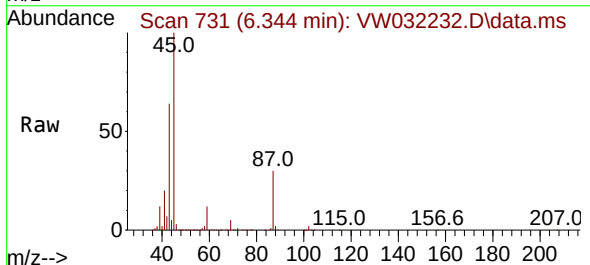
Instrument :
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ClientSampleId :
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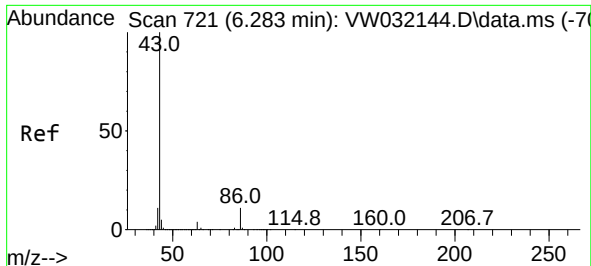
Tgt Ion: 96 Resp: 107399
Ion Ratio Lower Upper
96 100
61 142.8 112.5 168.7
98 67.6 54.2 81.4



#22
Diisopropyl ether
Concen: 52.307 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 45 Resp: 321583
Ion Ratio Lower Upper
45 100
43 63.7 51.4 77.2
87 29.6 25.9 38.9
59 12.1 10.1 15.1

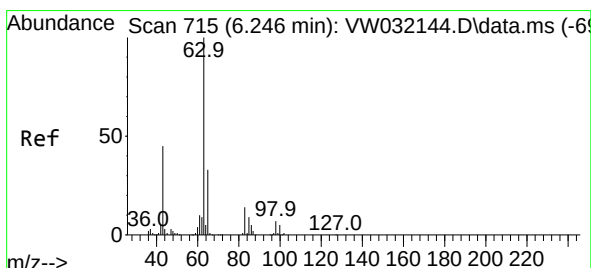
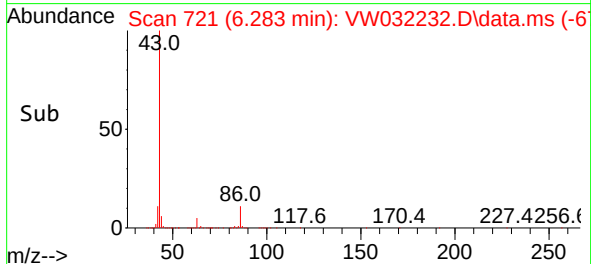
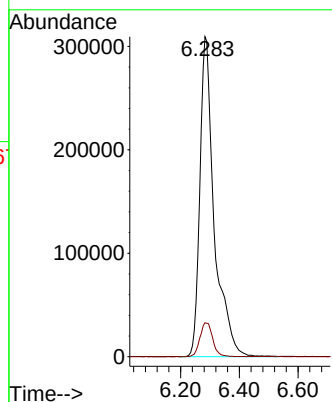
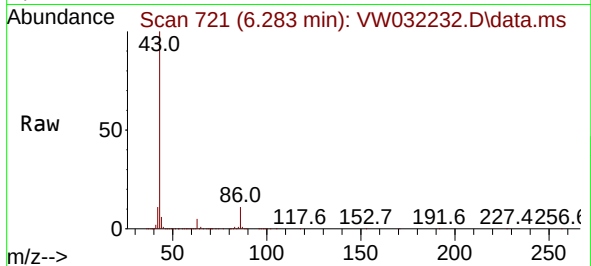




#23
 Vinyl Acetate
 Concen: 250.978 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

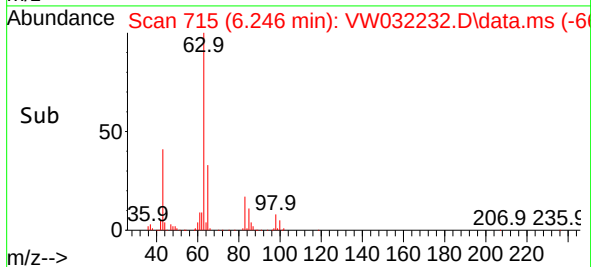
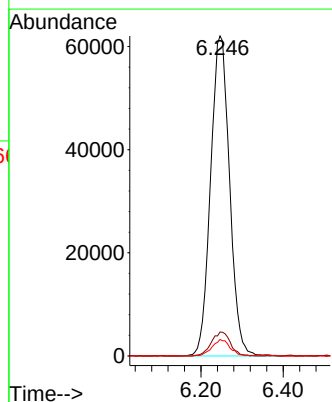
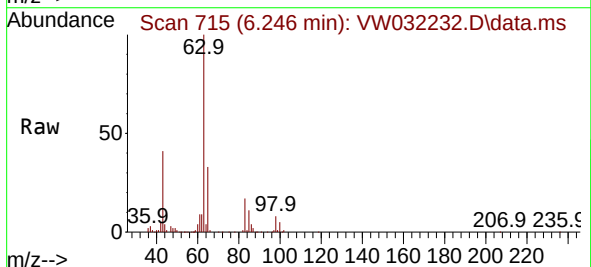
Instrument :
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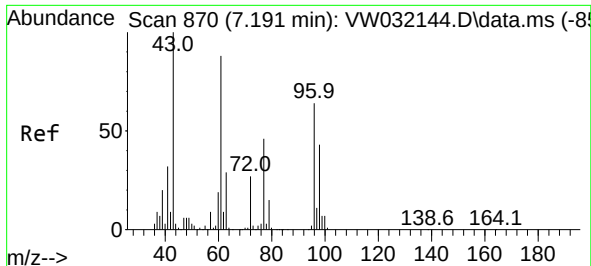
Tgt Ion: 43 Resp: 1049080
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.414 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

Tgt Ion: 63 Resp: 198884
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.2 2.5 7.5

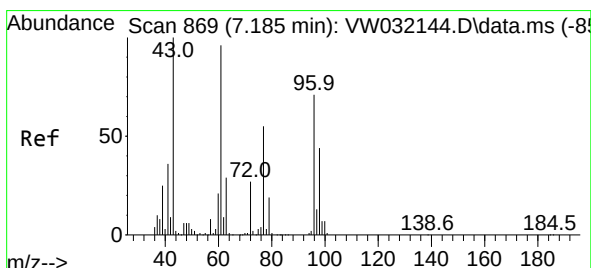
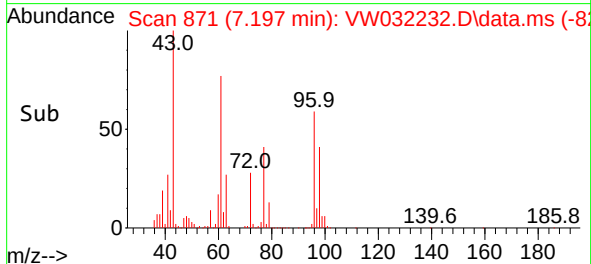
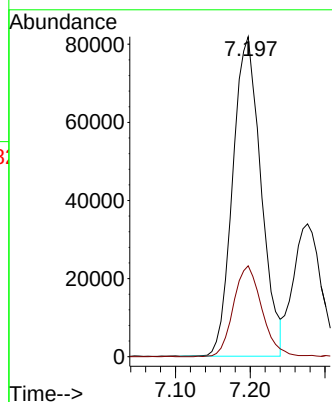
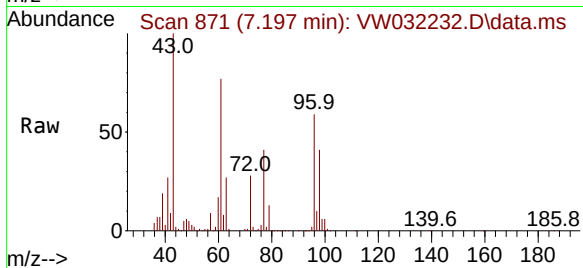




#25
2-Butanone
Concen: 260.831 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

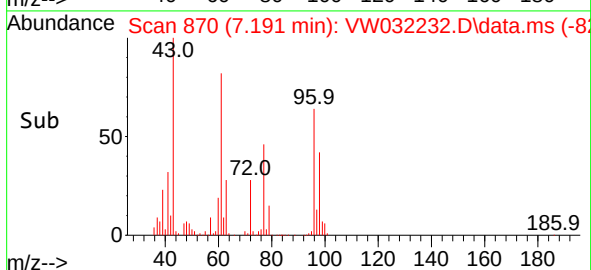
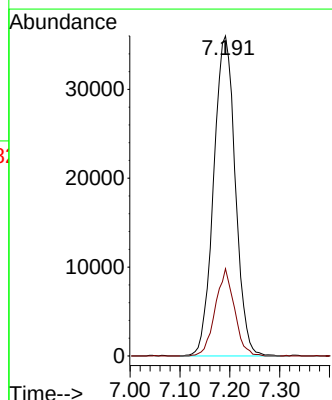
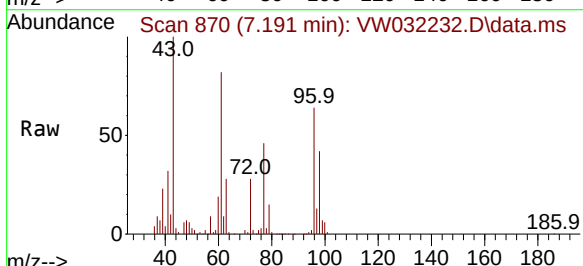
Instrument :
MSVOA_W
ClientSampleId :
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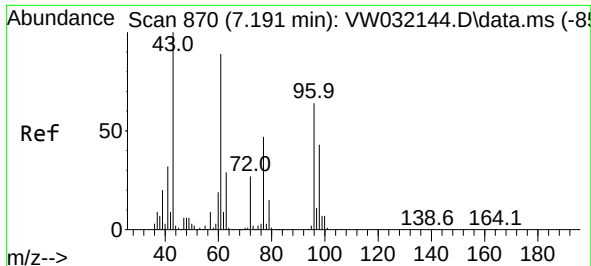
Tgt Ion: 43 Resp: 215403
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 50.935 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 77 Resp: 108564
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5

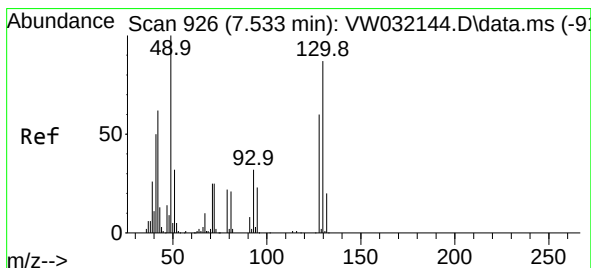
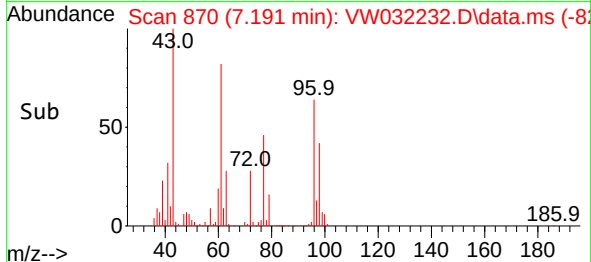
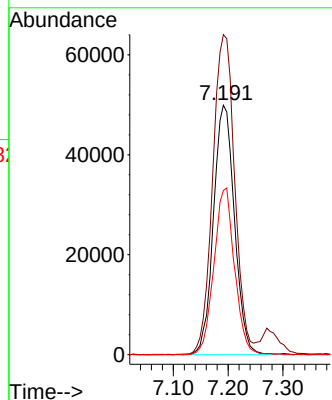
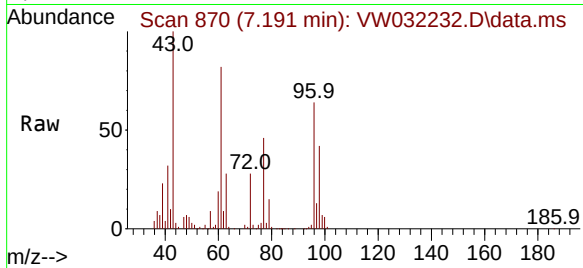




#27
 cis-1,2-Dichloroethene
 Concen: 49.199 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

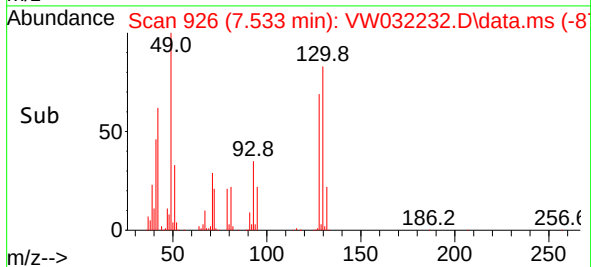
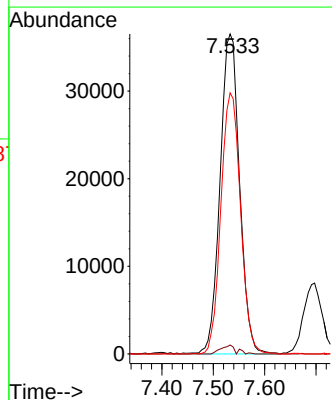
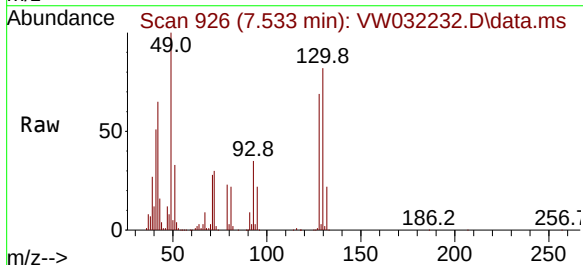
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

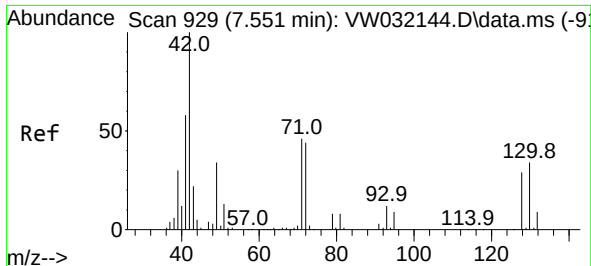
Tgt Ion: 96 Resp: 132999
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 268.0
 98 65.6 0.0 130.8



#28
 Bromochloromethane
 Concen: 52.271 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

Tgt Ion: 49 Resp: 96307
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 82.1 67.5 101.3

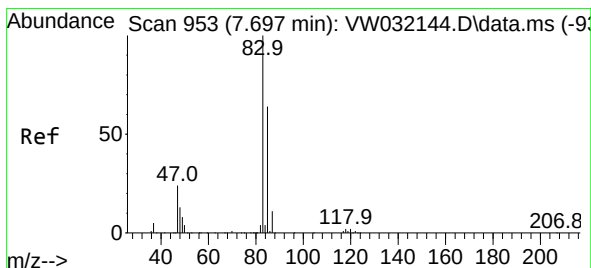
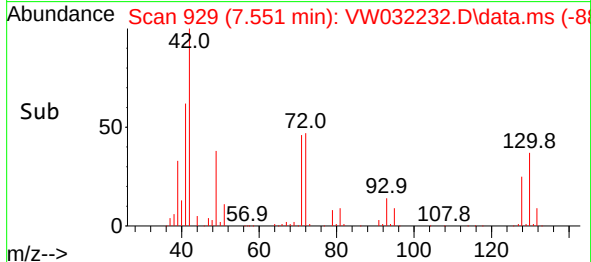
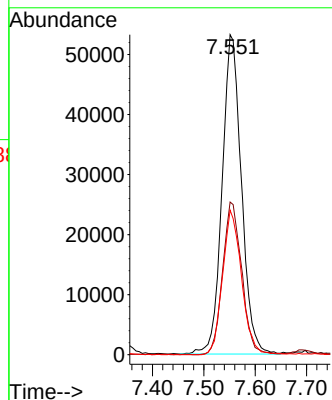
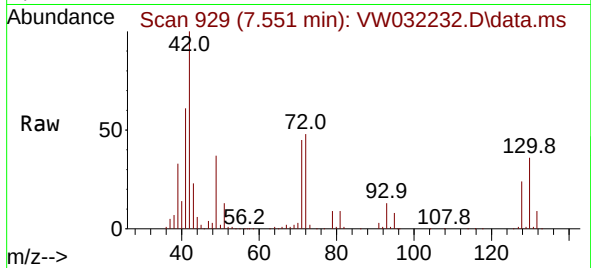




#29
Tetrahydrofuran
Concen: 264.995 ug/l
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

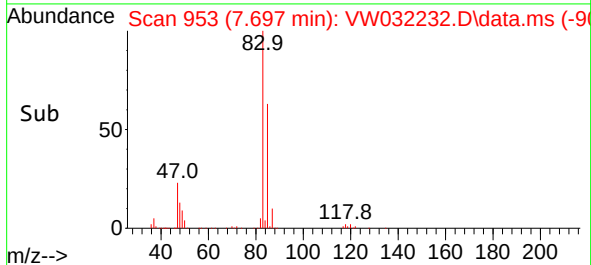
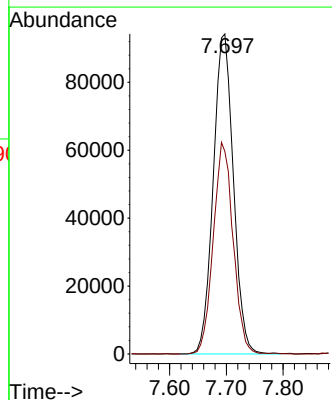
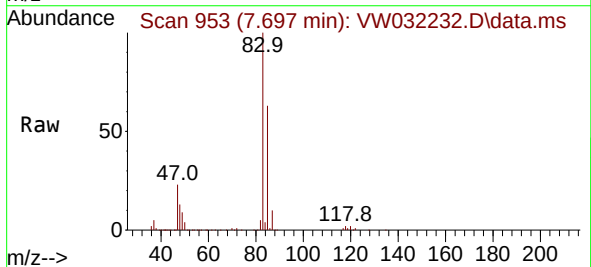
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

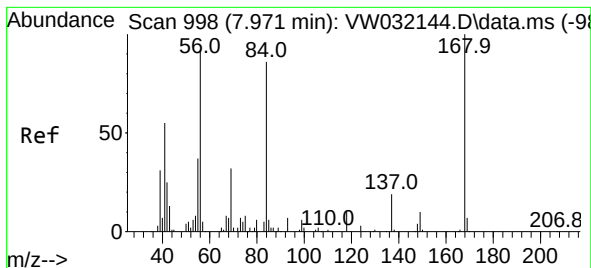
Tgt Ion: 42 Resp: 139066
Ion Ratio Lower Upper
42 100
72 47.2 37.4 56.2
71 44.4 36.0 54.0



#30
Chloroform
Concen: 50.597 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 83 Resp: 232511
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8

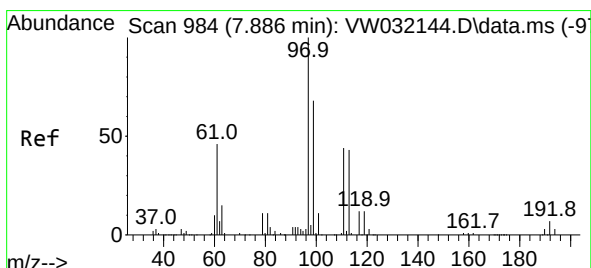
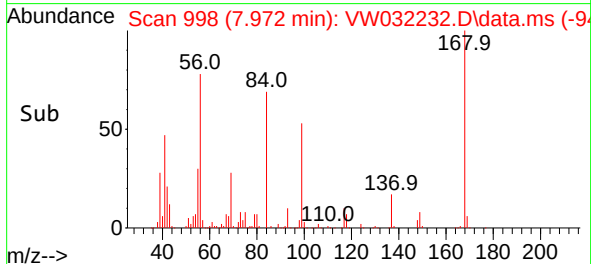
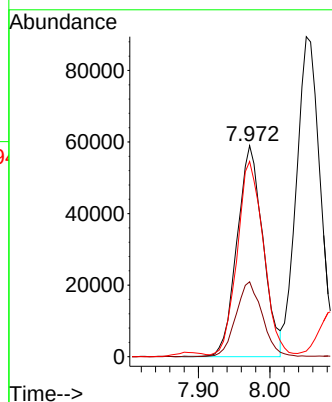
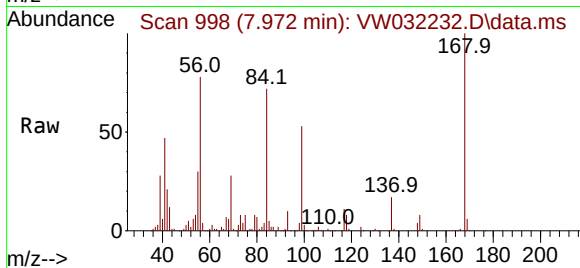




#31
Cyclohexane
Concen: 45.093 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

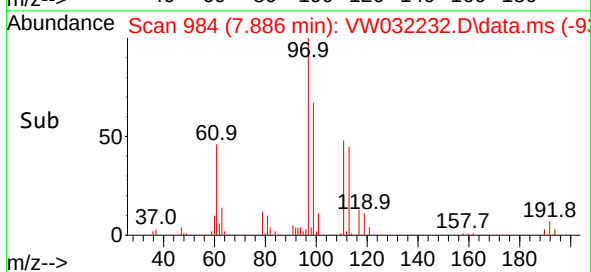
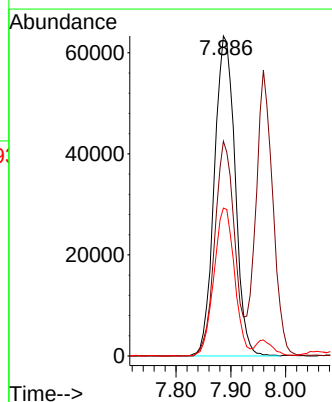
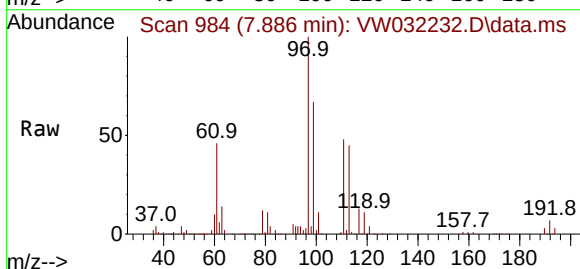
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

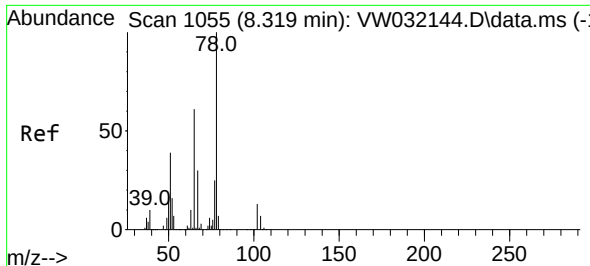
Tgt Ion: 56 Resp: 148968
Ion Ratio Lower Upper
56 100
69 35.4 27.7 41.5
84 91.0 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 49.683 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 97 Resp: 166666
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 45.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.340 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

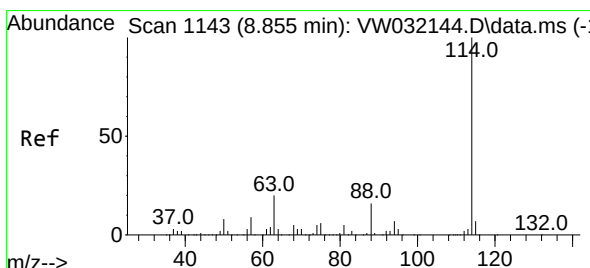
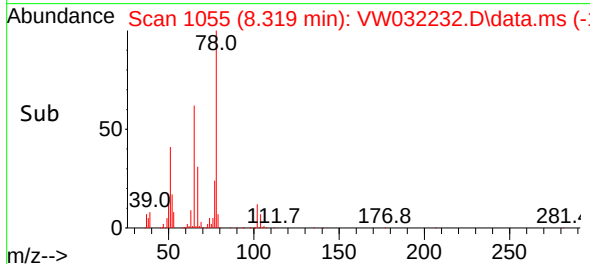
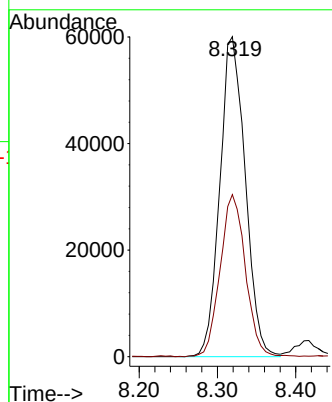
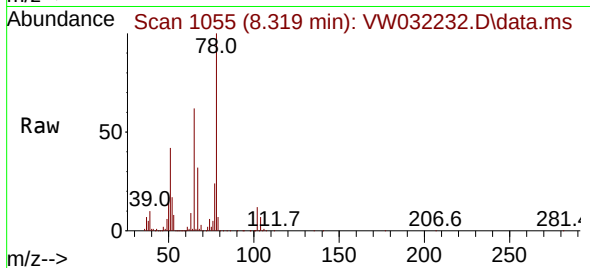
VSTDCCC050EC

Tgt Ion: 65 Resp: 135464

Ion Ratio Lower Upper

65 100

67 50.5 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: VW032232.D

Acq: 22 Sep 2025 16:11

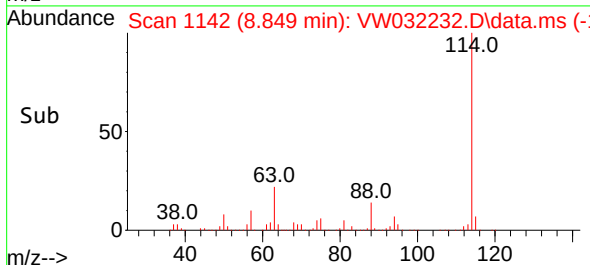
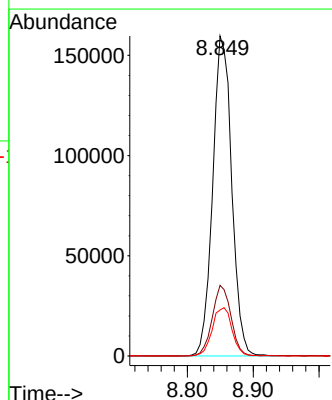
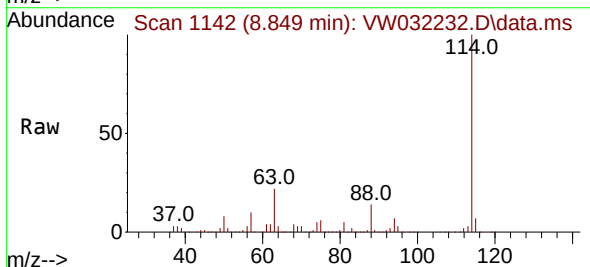
Tgt Ion: 114 Resp: 321133

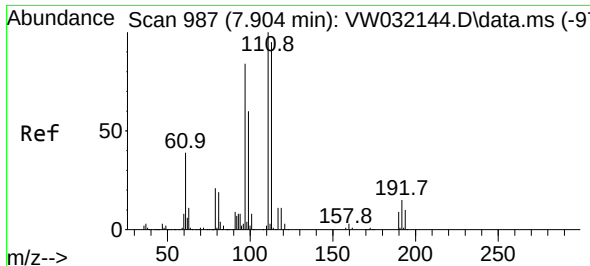
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.4

88 14.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.236 ug/l

RT: 7.905 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

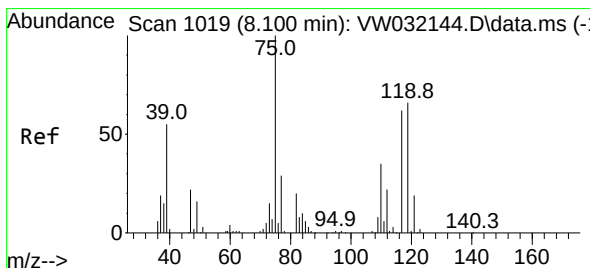
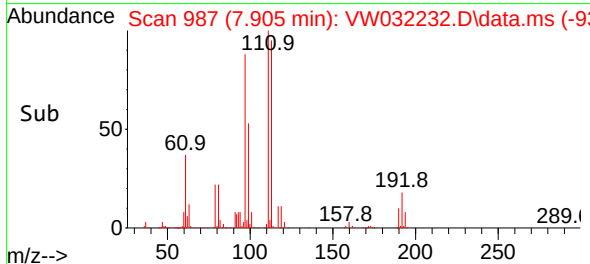
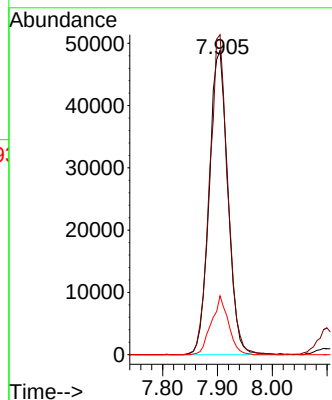
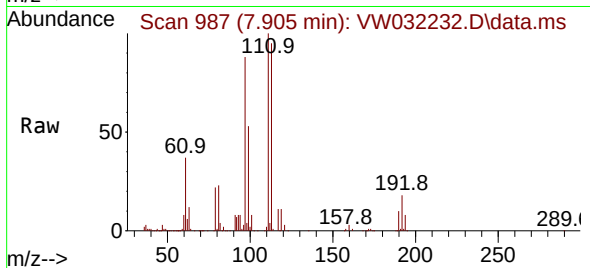
Tgt Ion:113 Resp: 115438

Ion Ratio Lower Upper

113 100

111 101.9 83.9 125.9

192 17.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.560 ug/l

RT: 8.094 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

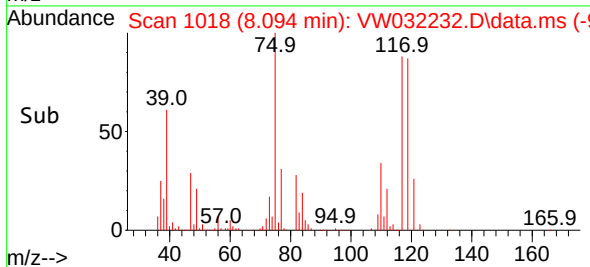
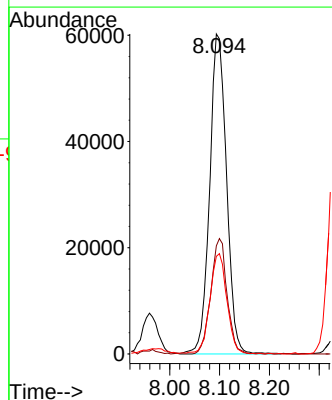
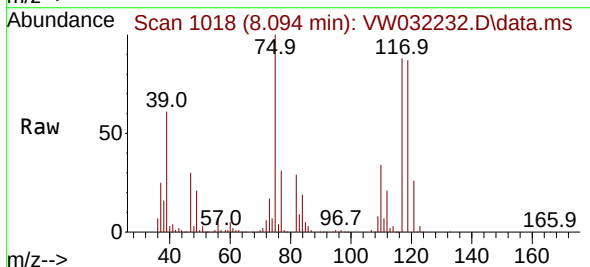
Tgt Ion: 75 Resp: 141855

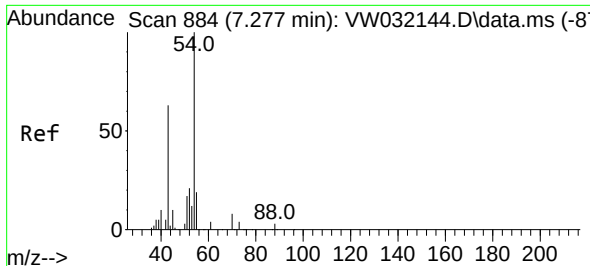
Ion Ratio Lower Upper

75 100

110 34.7 17.5 52.5

77 31.6 24.1 36.1

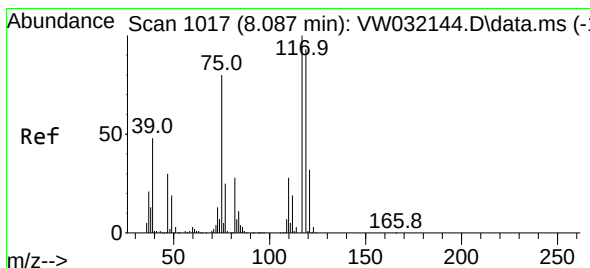
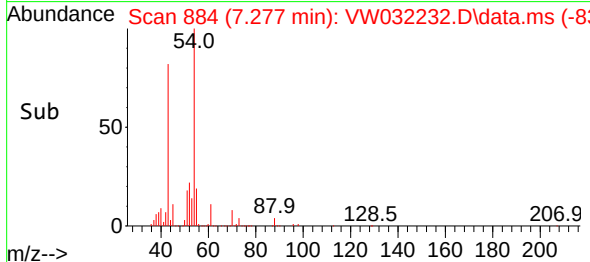
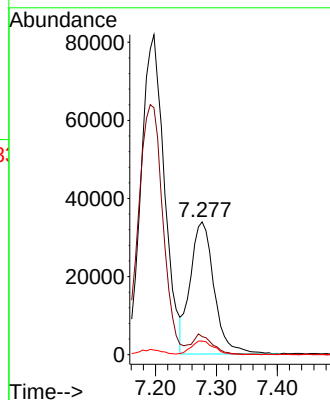
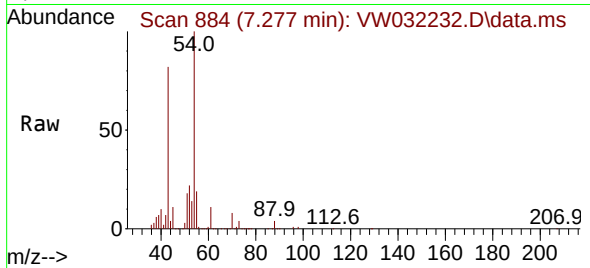




#37
Ethyl Acetate
Concen: 52.496 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

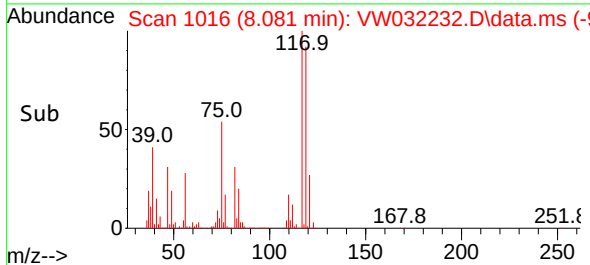
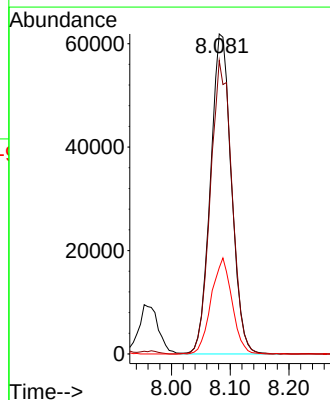
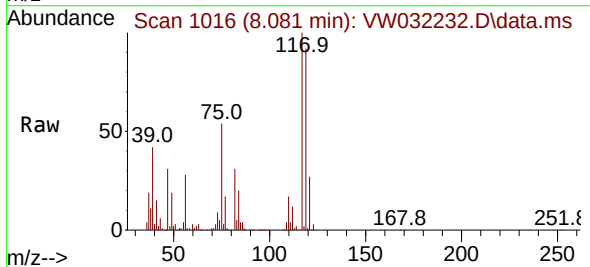
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

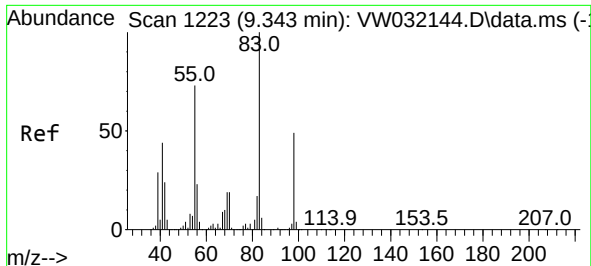
Tgt Ion: 43 Resp: 91996
Ion Ratio Lower Upper
43 100
61 12.1 11.3 16.9
70 10.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.973 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 117 Resp: 153363
Ion Ratio Lower Upper
117 100
119 91.7 74.2 111.2
121 26.9 25.6 38.4

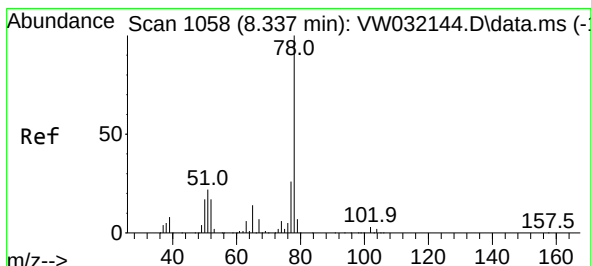
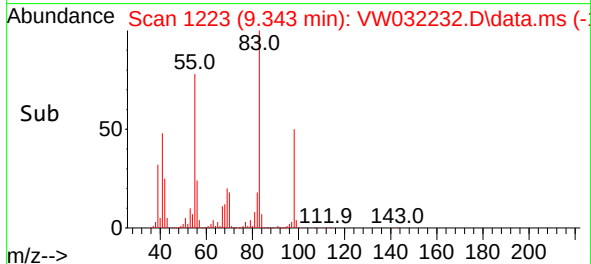
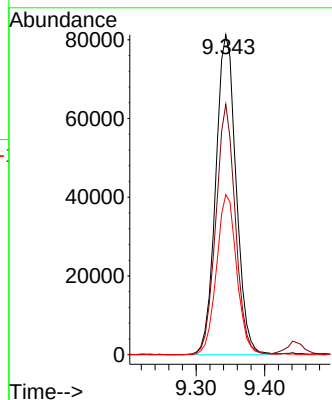
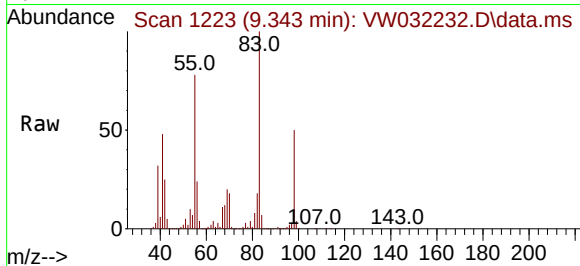




#39
Methylcyclohexane
Concen: 48.480 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

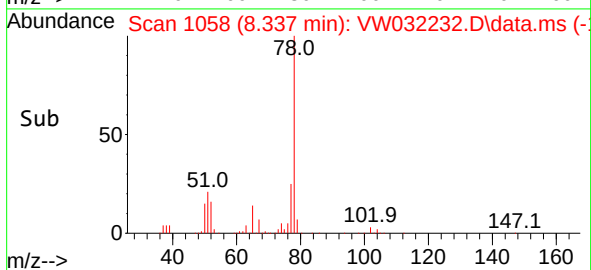
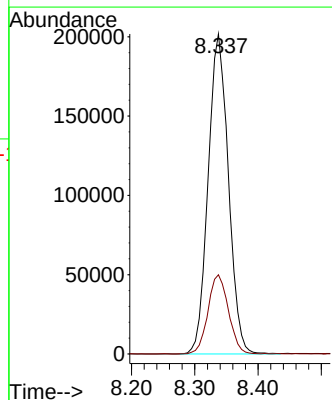
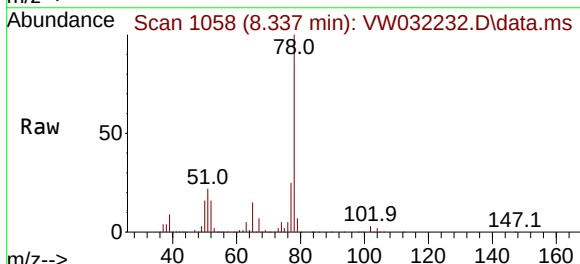
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

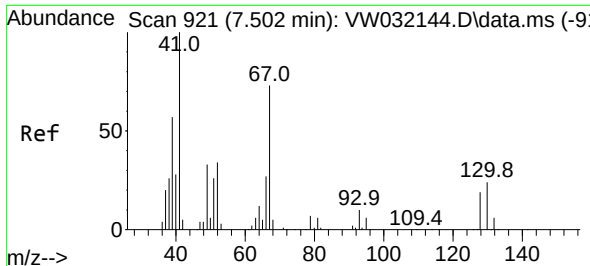
Tgt Ion: 83 Resp: 167743
Ion Ratio Lower Upper
83 100
55 78.2 58.4 87.6
98 50.0 39.4 59.2



#40
Benzene
Concen: 49.698 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 78 Resp: 448770
Ion Ratio Lower Upper
78 100
77 24.7 20.7 31.1

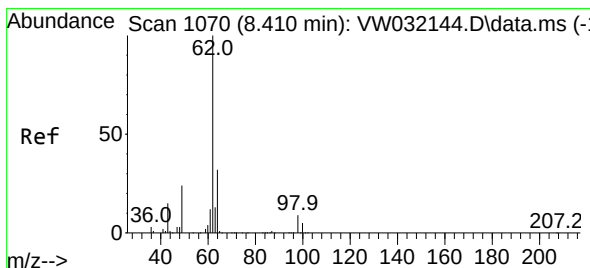
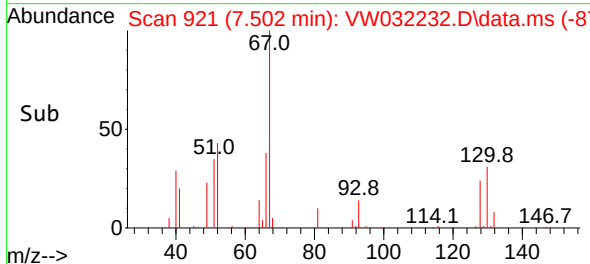
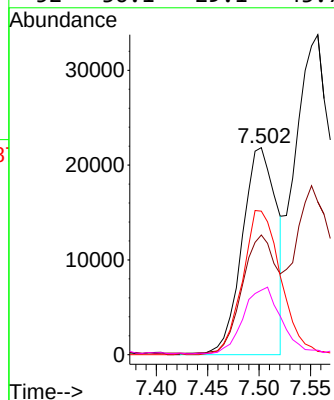
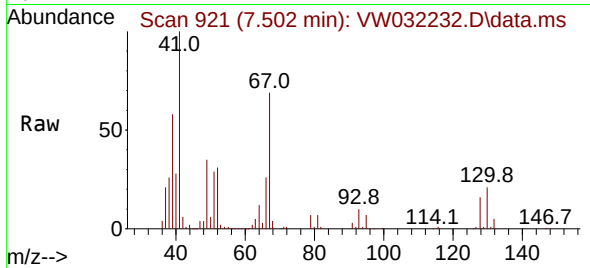




#41
Methacrylonitrile
Concen: 52.229 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

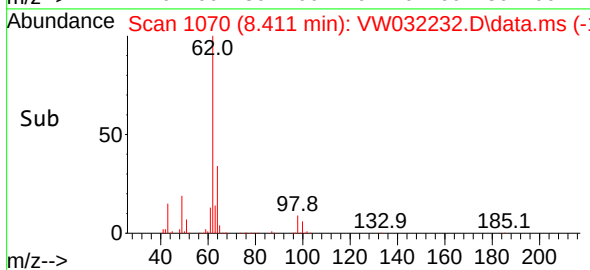
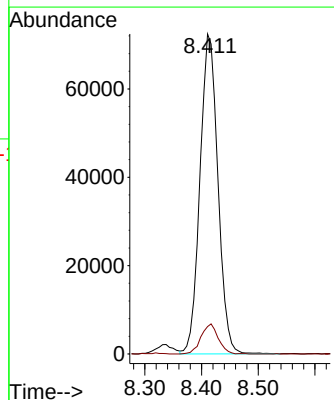
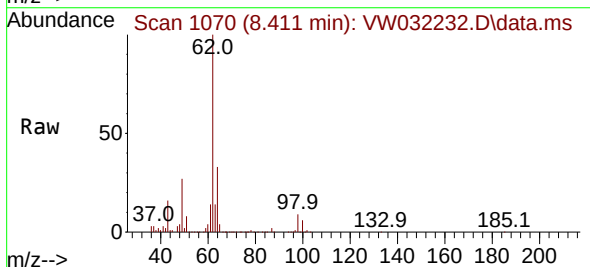
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

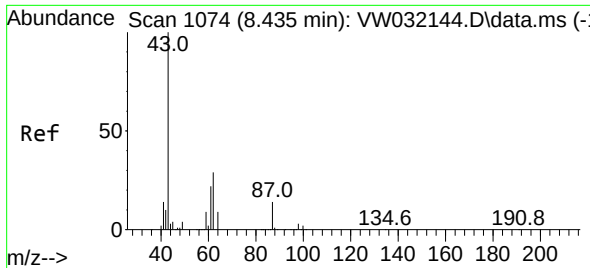
Tgt Ion: 41	Resp: 50851
Ion Ratio	Lower Upper
41 100	
39 57.1	50.9 76.3
67 77.5	65.6 98.4
52 36.1	29.1 43.7



#42
1,2-Dichloroethane
Concen: 50.803 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 62	Resp: 159033
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.0

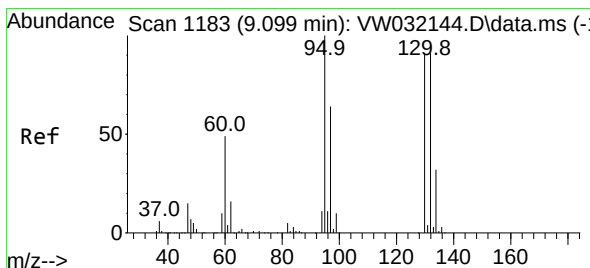
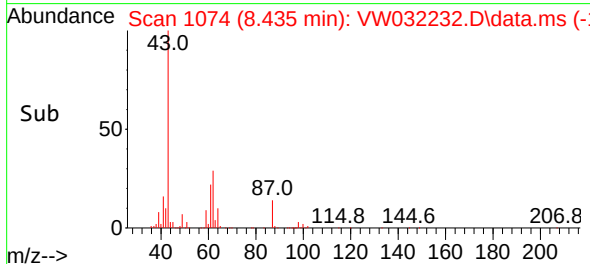
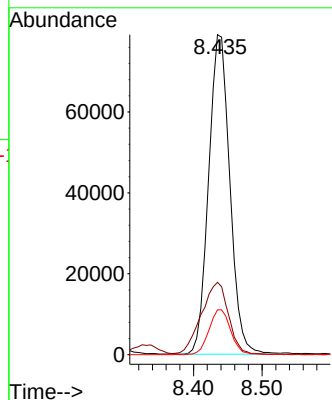
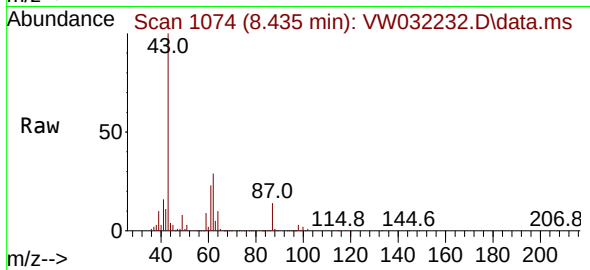




#43
Isopropyl Acetate
Concen: 51.649 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

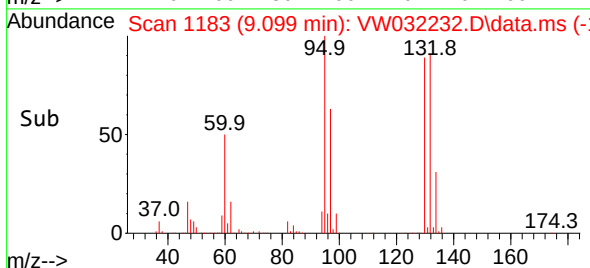
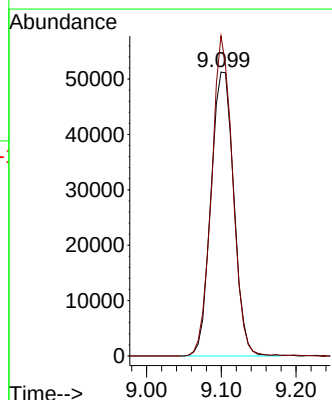
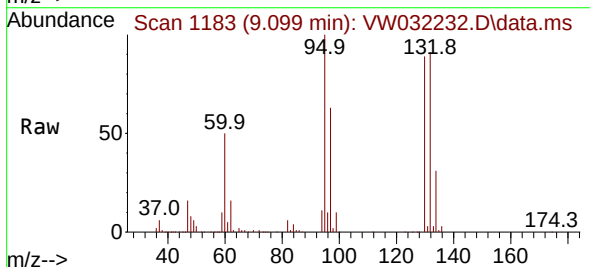
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

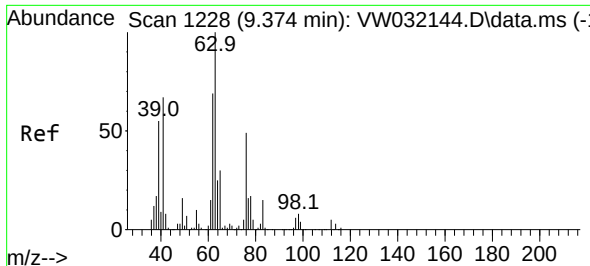
Tgt Ion: 43 Resp: 169800
Ion Ratio Lower Upper
43 100
61 28.9 23.3 34.9
87 14.4 11.1 16.7



#44
Trichloroethene
Concen: 47.982 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:130 Resp: 108960
Ion Ratio Lower Upper
130 100
95 112.7 0.0 220.0





#45

1,2-Dichloropropane

Concen: 51.112 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

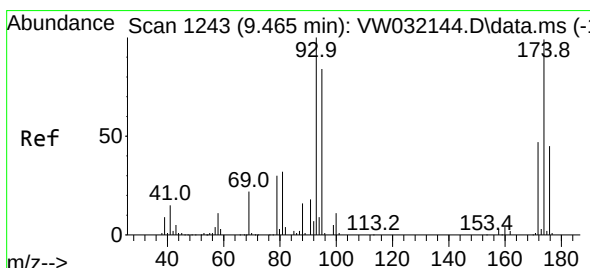
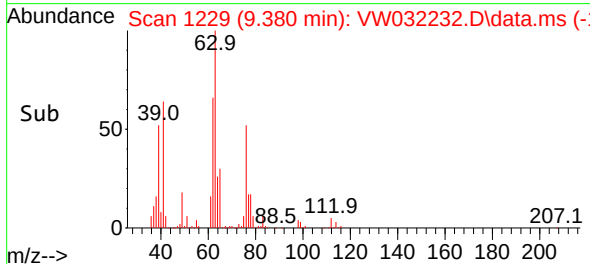
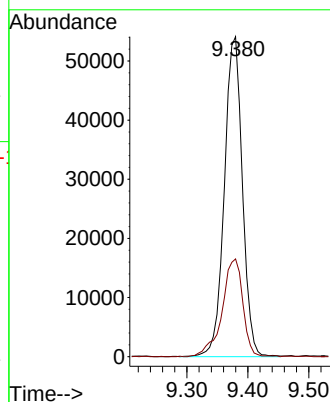
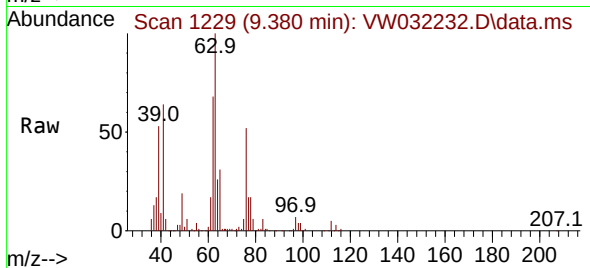
VSTDCCC050EC

Tgt Ion: 63 Resp: 111261

Ion Ratio Lower Upper

63 100

65 30.5 24.3 36.5



#46

Dibromomethane

Concen: 50.257 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

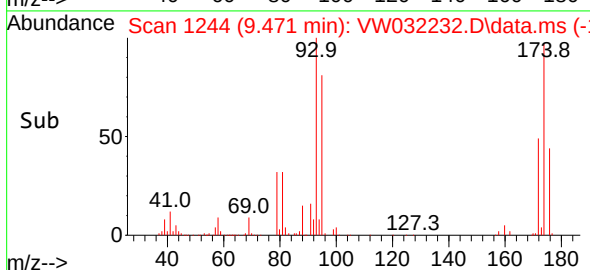
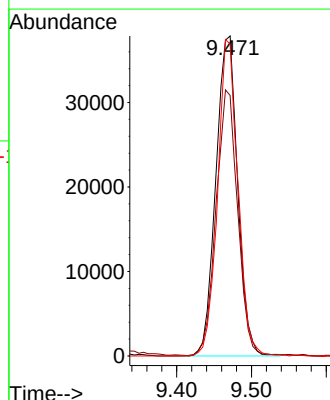
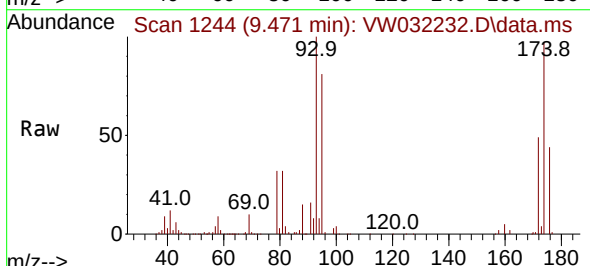
Tgt Ion: 93 Resp: 76731

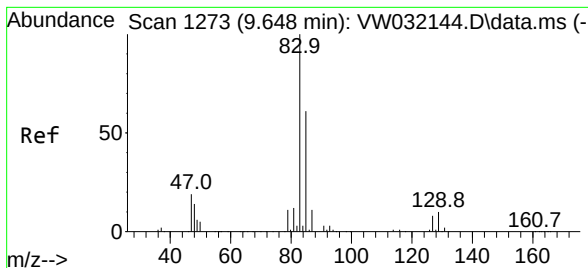
Ion Ratio Lower Upper

93 100

95 82.6 67.4 101.2

174 92.3 75.7 113.5





#47

Bromodichloromethane

Concen: 50.961 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

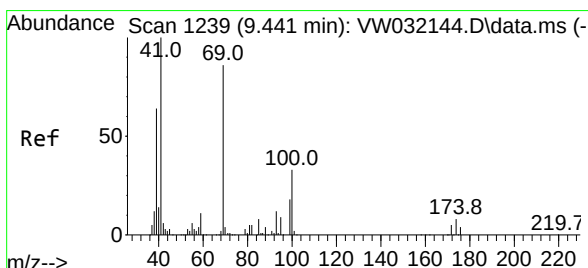
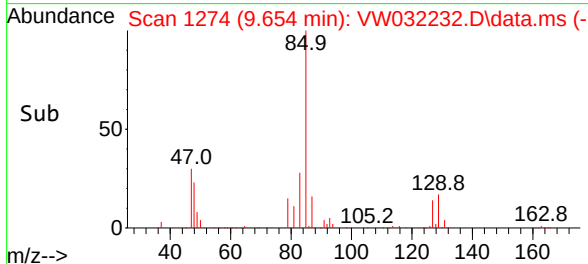
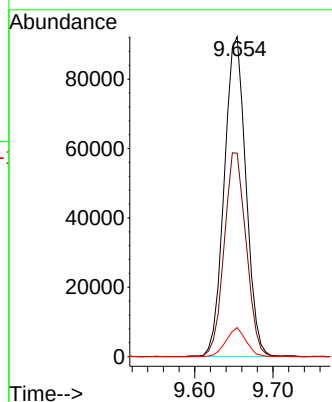
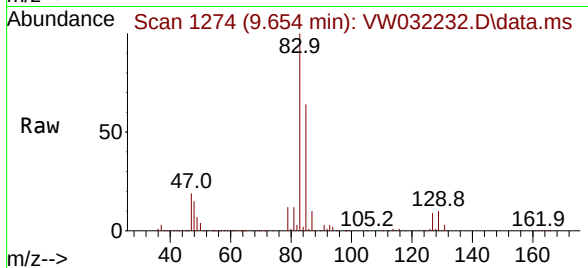
Tgt Ion: 83 Resp: 176814

Ion Ratio Lower Upper

83 100

85 63.6 48.7 73.1

127 9.1 6.4 9.6



#48

Methyl methacrylate

Concen: 53.278 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

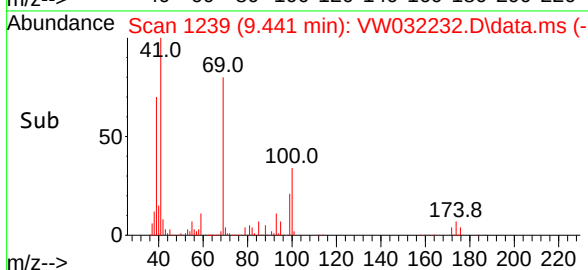
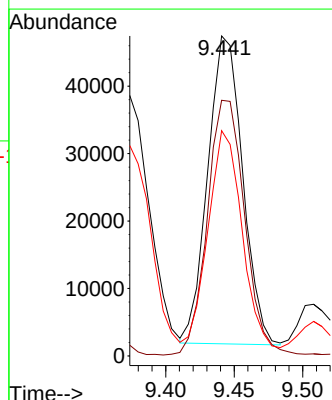
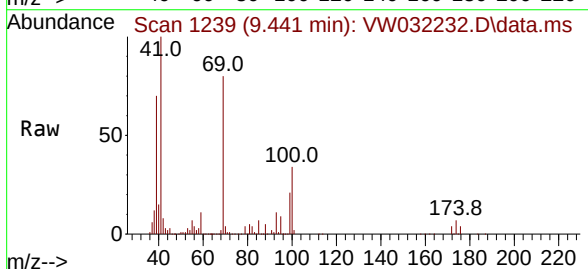
Tgt Ion: 41 Resp: 80720

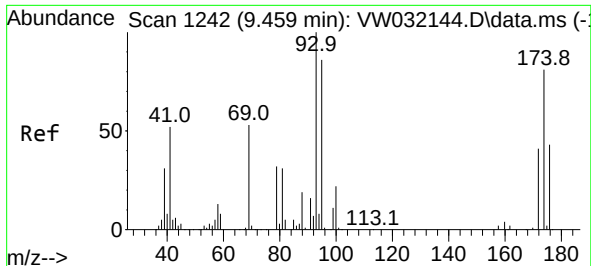
Ion Ratio Lower Upper

41 100

69 89.3 71.5 107.3

39 73.8 55.9 83.9





#49

1,4-Dioxane

Concen: 1006.989 ug/l

RT: 9.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

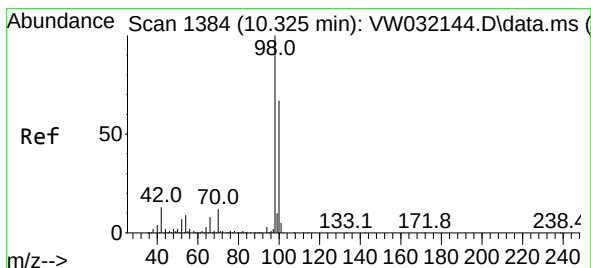
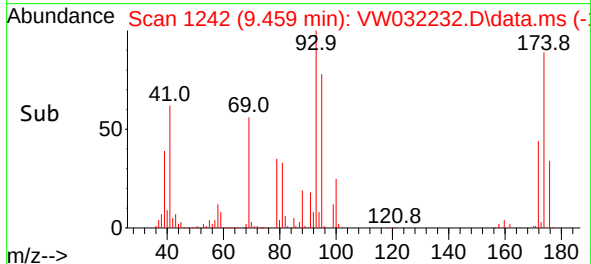
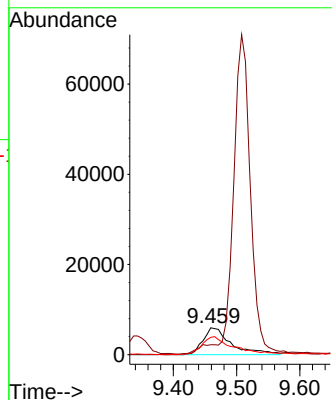
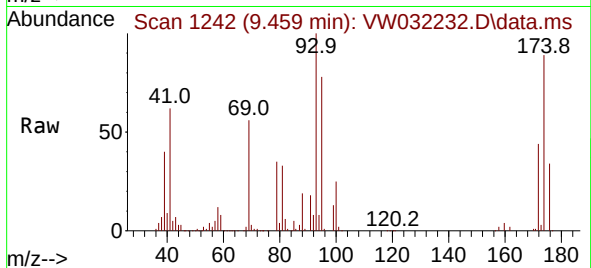
Tgt Ion: 88 Resp: 18576

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 76.4 55.4 83.0



#50

Toluene-d8

Concen: 50.596 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032232.D

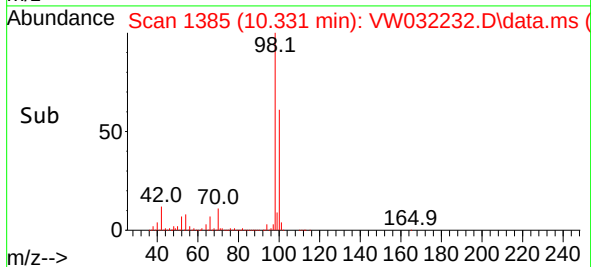
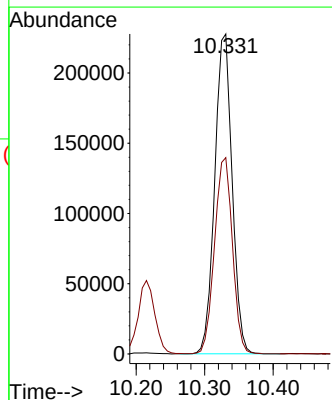
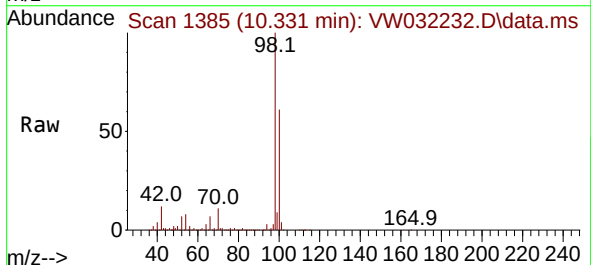
Acq: 22 Sep 2025 16:11

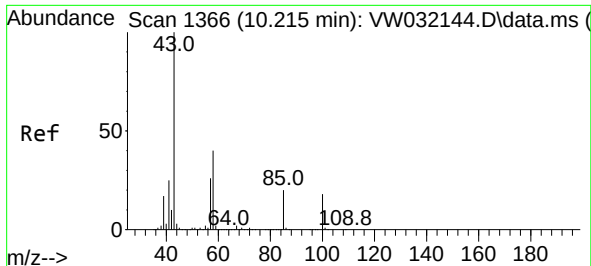
Tgt Ion: 98 Resp: 400180

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.2

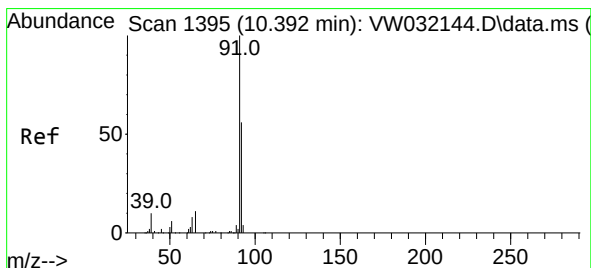
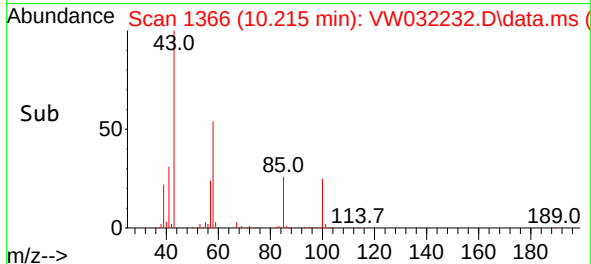
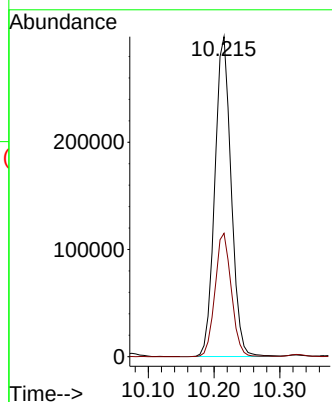
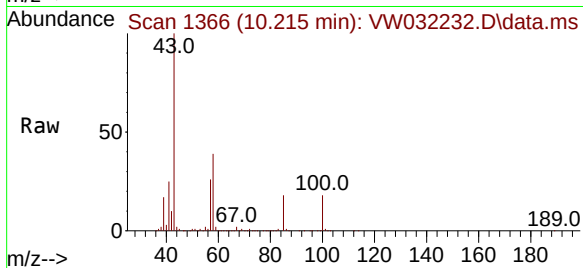




#51
4-Methyl-2-Pentanone
Concen: 277.762 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

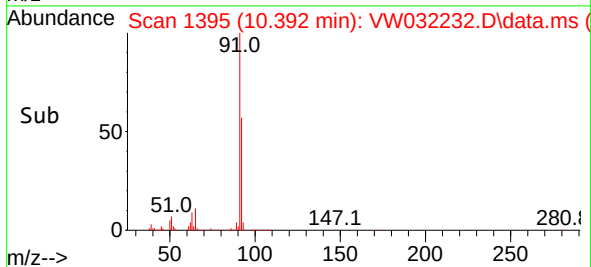
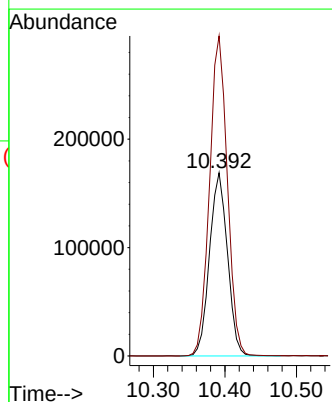
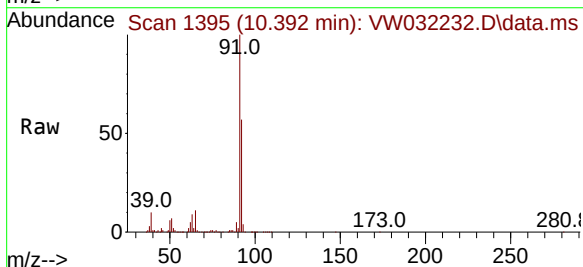
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

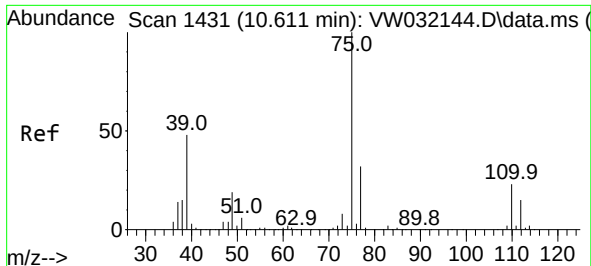
Tgt Ion: 43 Resp: 515622
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 49.887 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 92 Resp: 294378
Ion Ratio Lower Upper
92 100
91 173.7 137.5 206.3

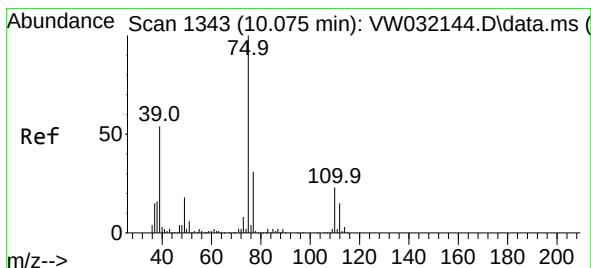
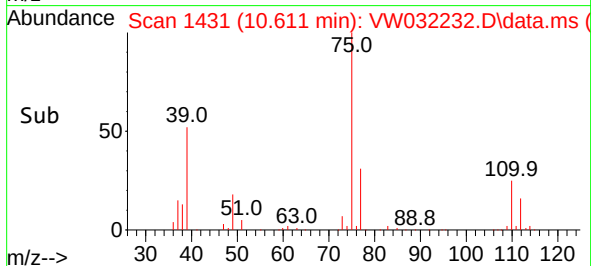
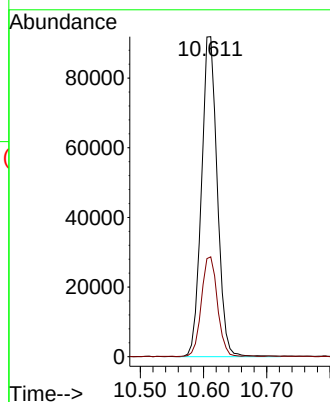
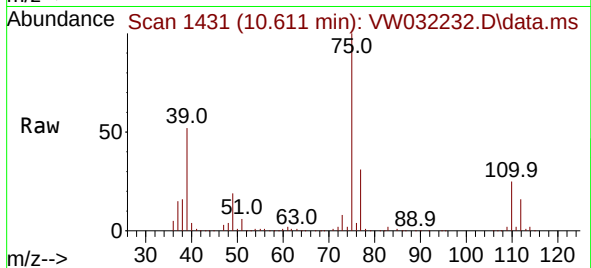




#53
t-1,3-Dichloropropene
Concen: 52.253 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

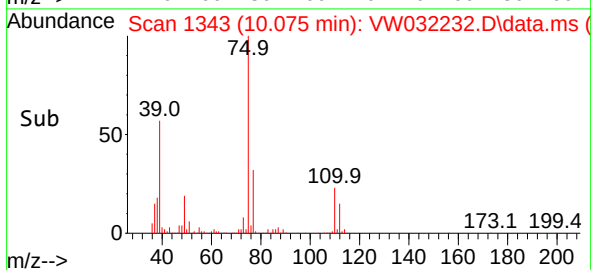
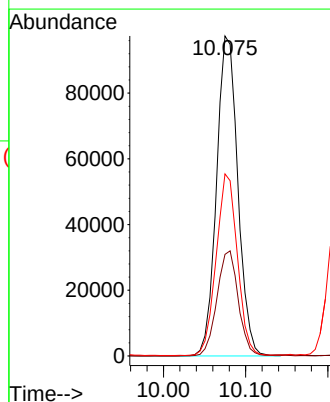
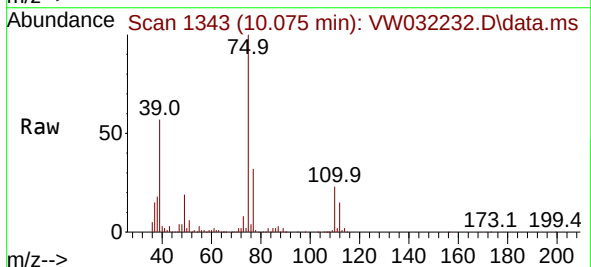
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

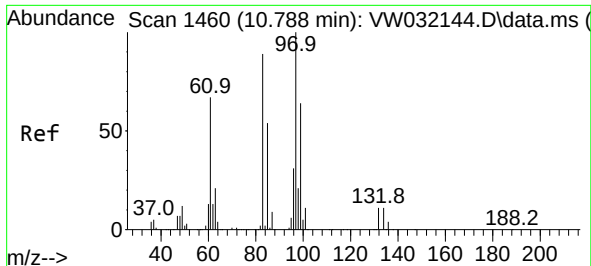
Tgt Ion: 75 Resp: 159936
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 50.263 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 75 Resp: 175540
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 56.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 50.184 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 99634

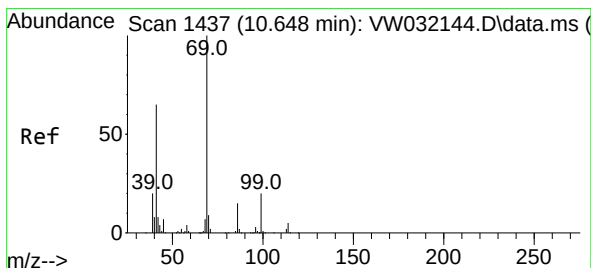
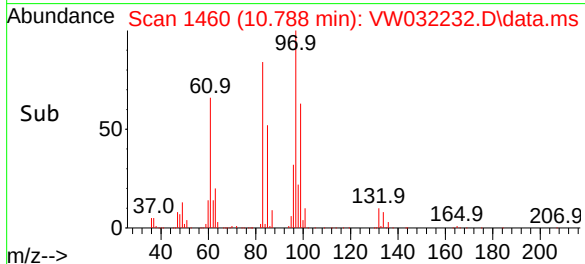
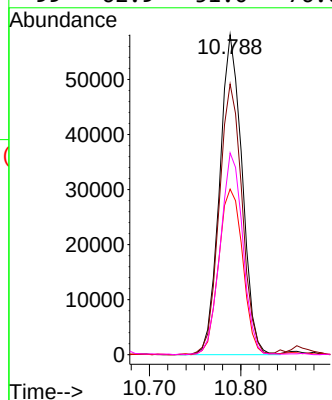
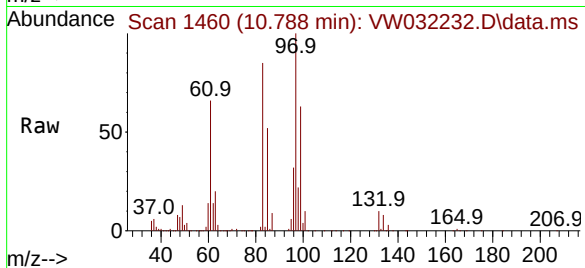
Ion Ratio Lower Upper

97 100

83 84.5 71.0 106.6

85 51.7 42.8 64.2

99 62.9 51.0 76.6



#56

Ethyl methacrylate

Concen: 53.306 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

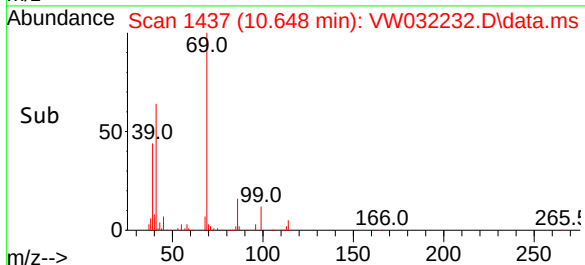
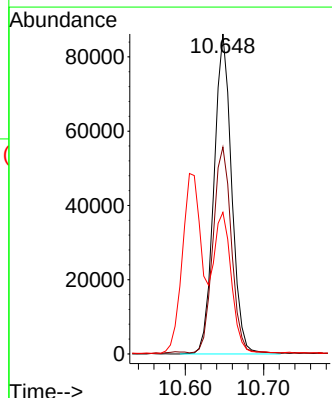
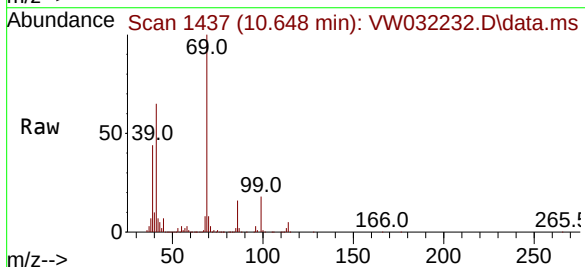
Tgt Ion: 69 Resp: 135302

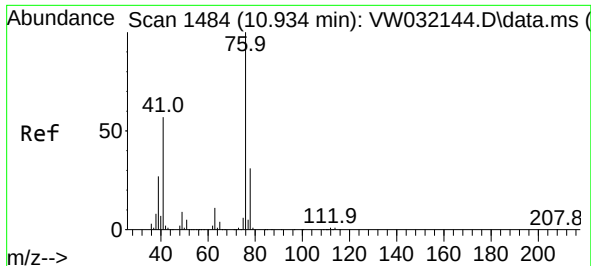
Ion Ratio Lower Upper

69 100

41 66.9 53.2 79.8

39 42.7 32.9 49.3





#57

1,3-Dichloropropane

Concen: 51.164 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

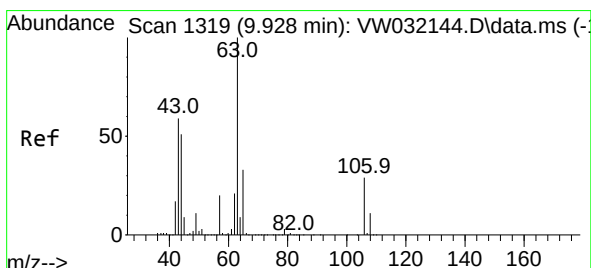
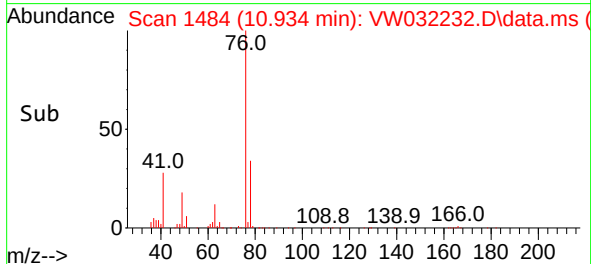
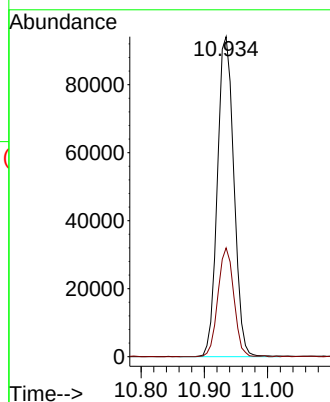
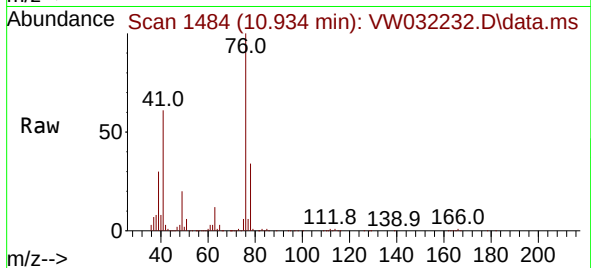
VSTDCCC050EC

Tgt Ion: 76 Resp: 170089

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 283.601 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032232.D

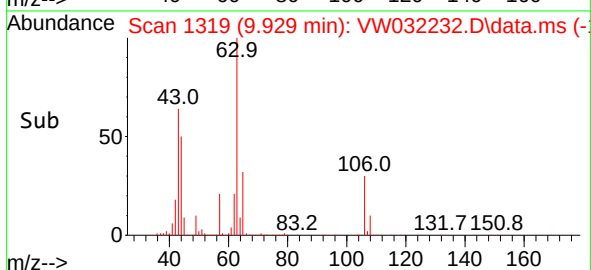
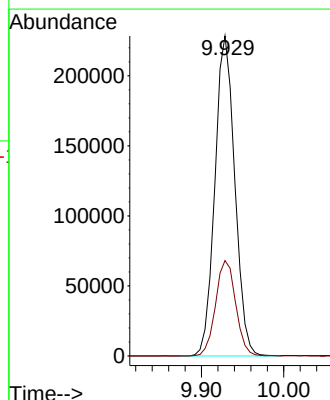
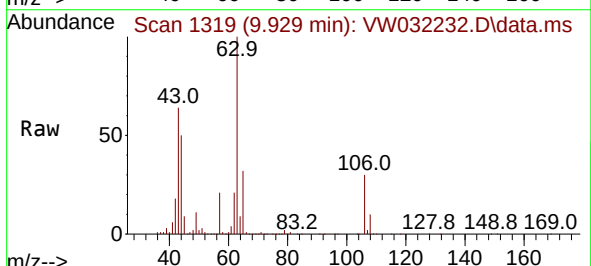
Acq: 22 Sep 2025 16:11

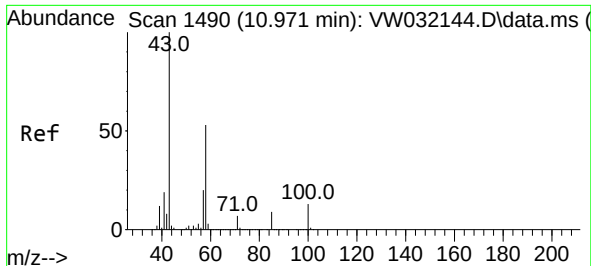
Tgt Ion: 63 Resp: 384221

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5

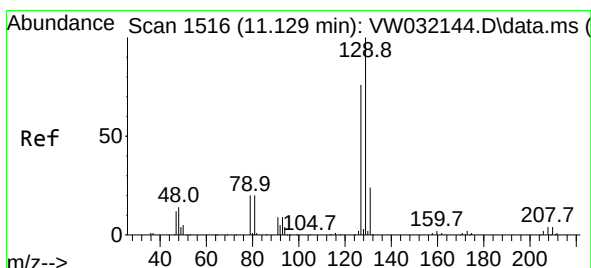
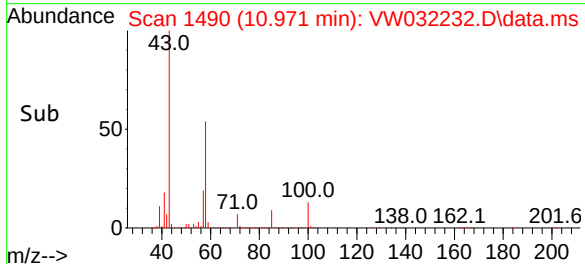
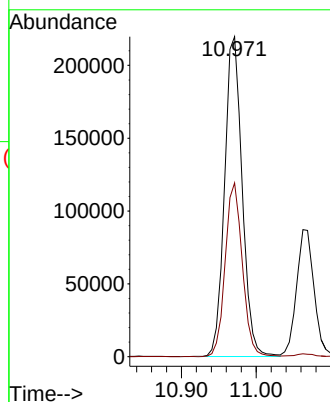
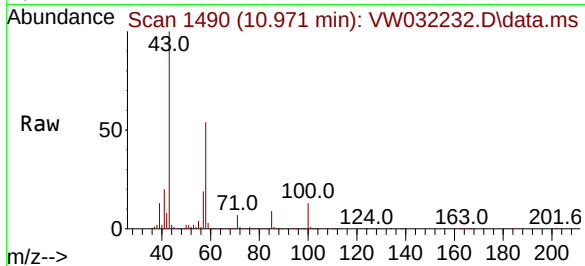




#59
2-Hexanone
Concen: 278.653 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

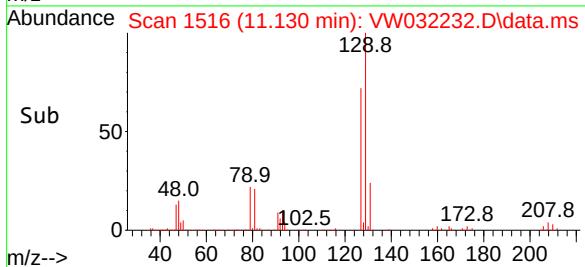
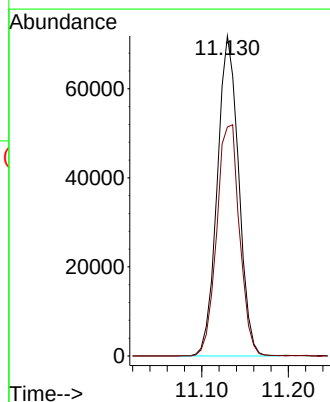
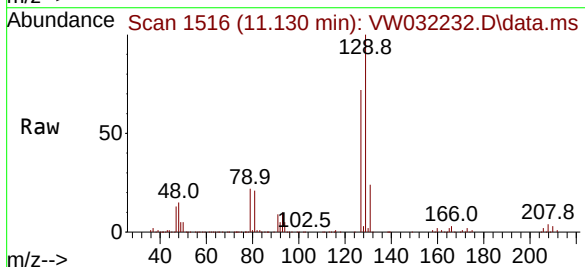
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

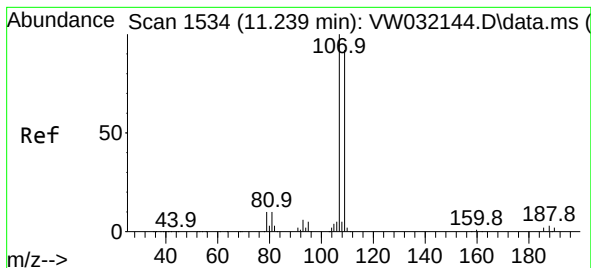
Tgt Ion: 43 Resp: 359752
Ion Ratio Lower Upper
43 100
58 53.1 27.5 82.4



#60
Dibromochloromethane
Concen: 51.371 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 129 Resp: 123413
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

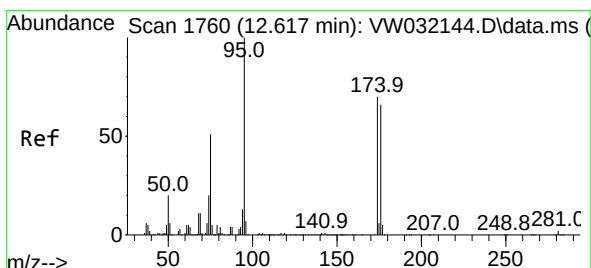
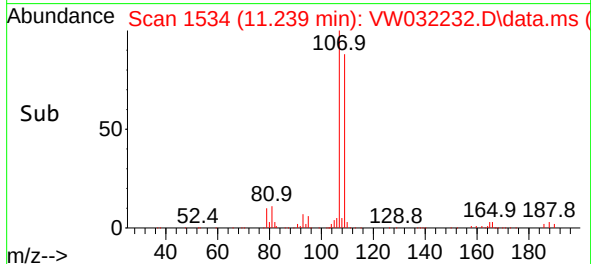
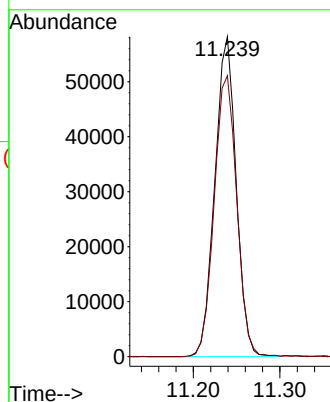
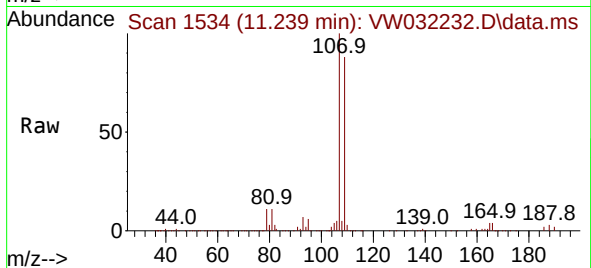




#61
1,2-Dibromoethane
Concen: 51.010 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

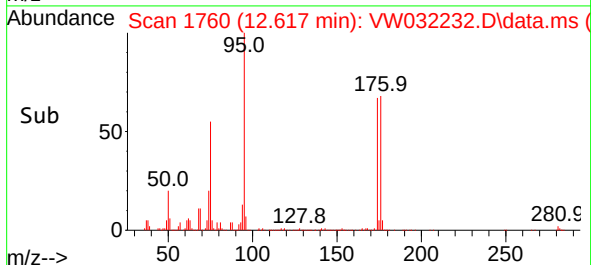
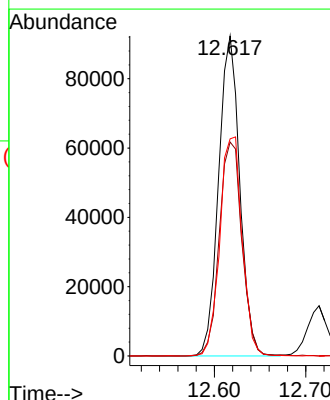
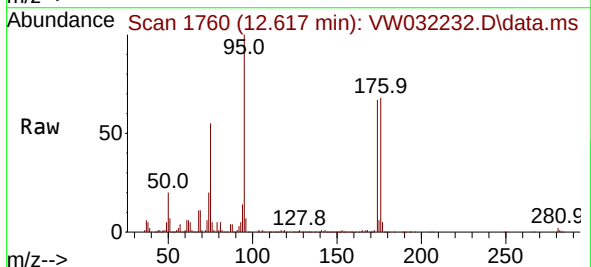
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

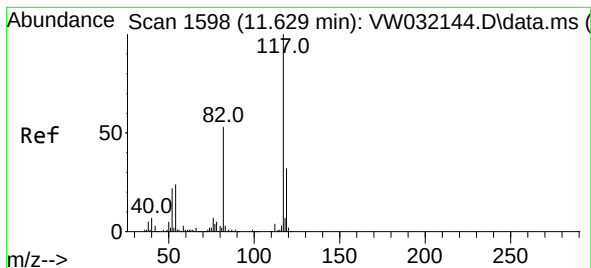
Tgt Ion:107 Resp: 99592
Ion Ratio Lower Upper
107 100
109 92.8 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.823 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 95 Resp: 148643
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.6
176 72.3 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: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

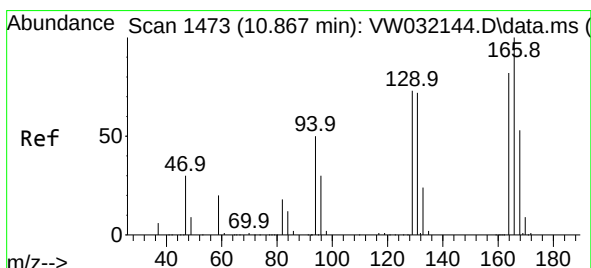
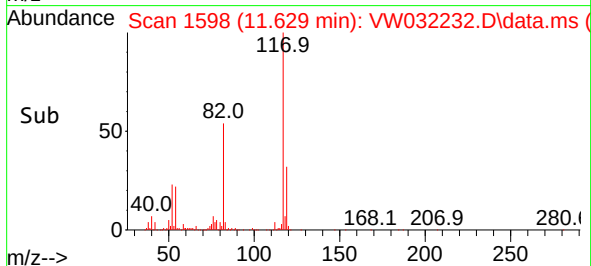
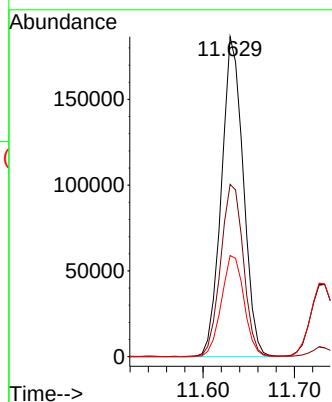
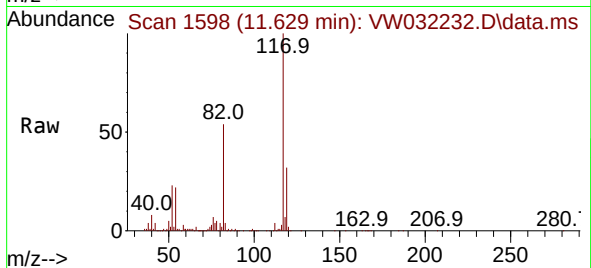
Tgt Ion:117 Resp: 310007

Ion Ratio Lower Upper

117 100

82 53.7 42.7 64.1

119 31.6 25.2 37.8



#64

Tetrachloroethene

Concen: 45.002 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Tgt Ion:164 Resp: 91820

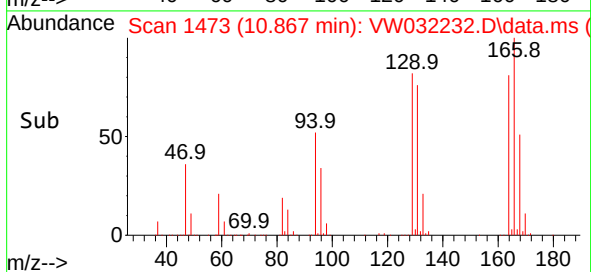
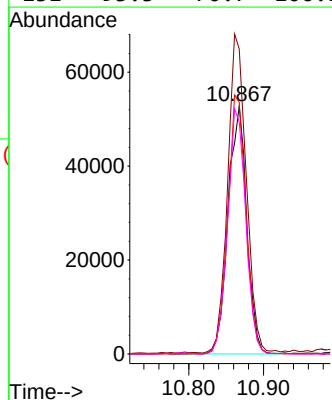
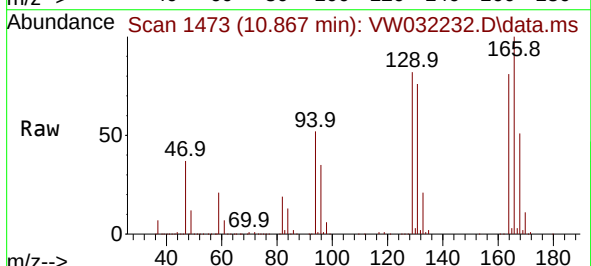
Ion Ratio Lower Upper

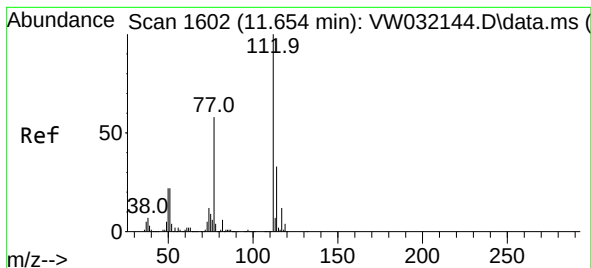
164 100

166 122.5 97.5 146.3

129 101.3 71.2 106.8

131 93.3 70.7 106.1





#65

Chlorobenzene

Concen: 47.661 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

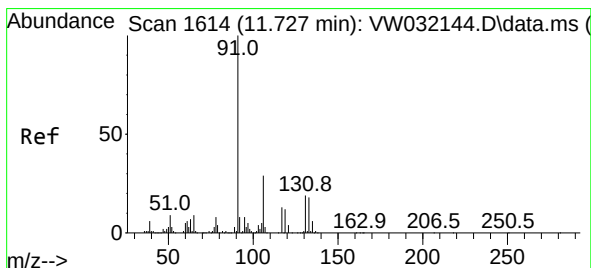
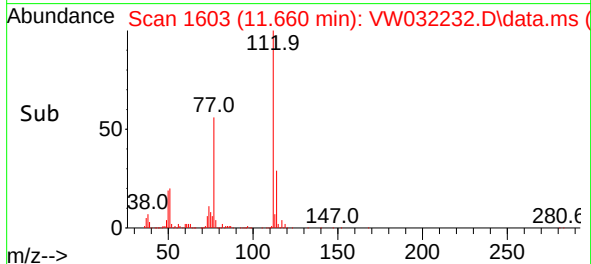
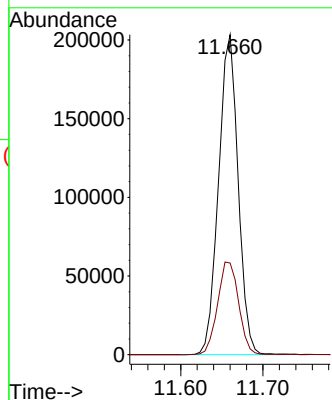
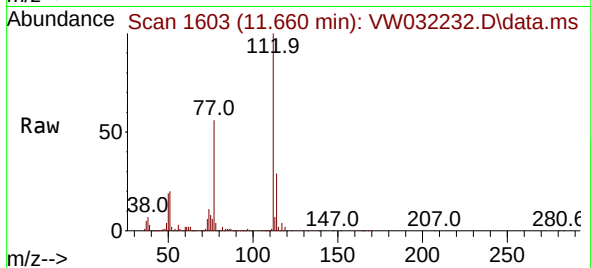
VSTDCCC050EC

Tgt Ion:112 Resp: 336306

Ion Ratio Lower Upper

112 100

114 28.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.645 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

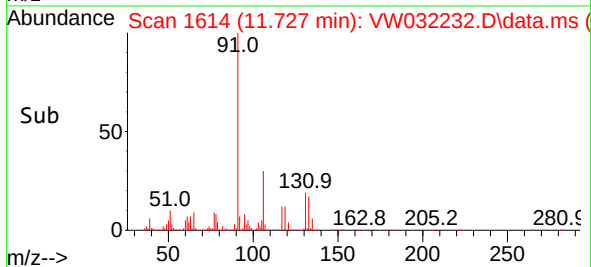
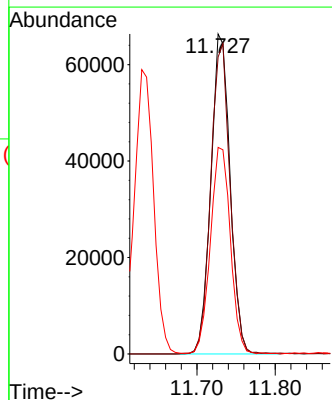
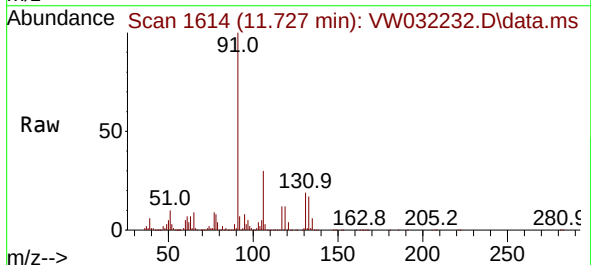
Tgt Ion:131 Resp: 113007

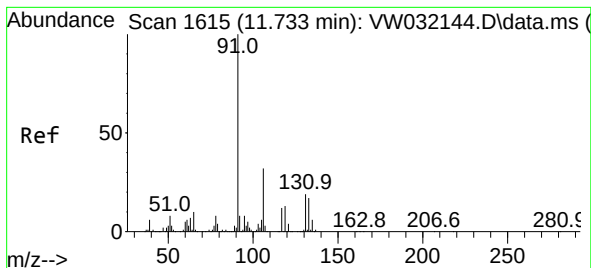
Ion Ratio Lower Upper

131 100

133 97.9 47.7 143.1

119 67.4 32.8 98.3

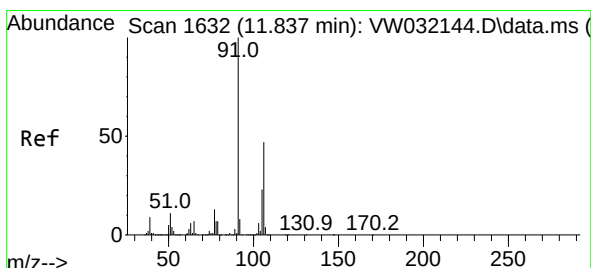
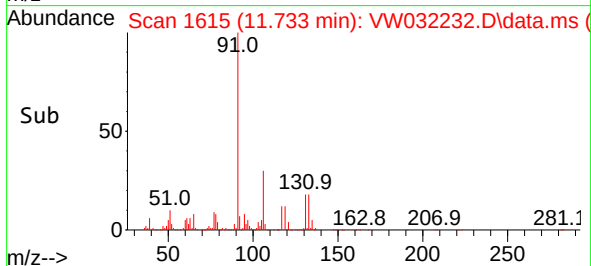
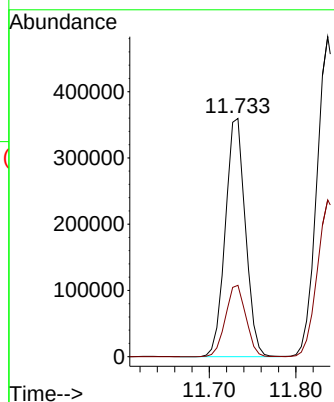
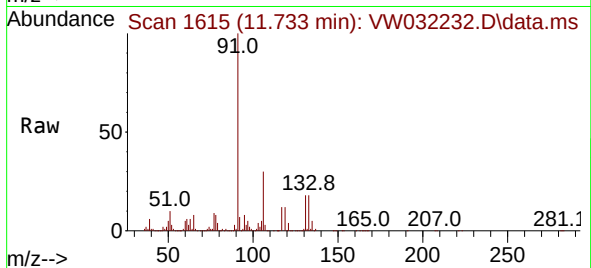




#67
Ethyl Benzene
Concen: 50.056 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

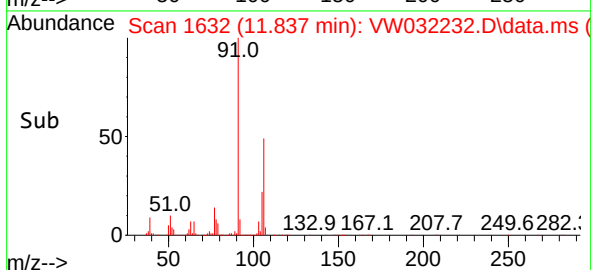
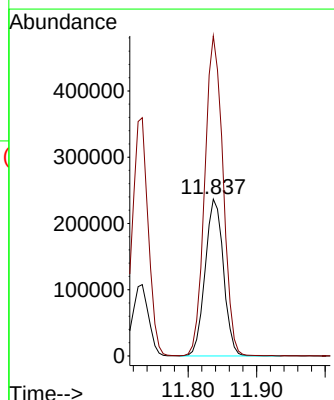
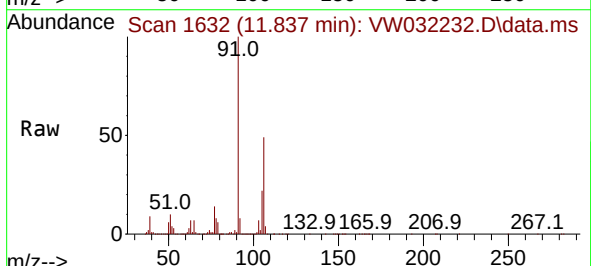
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

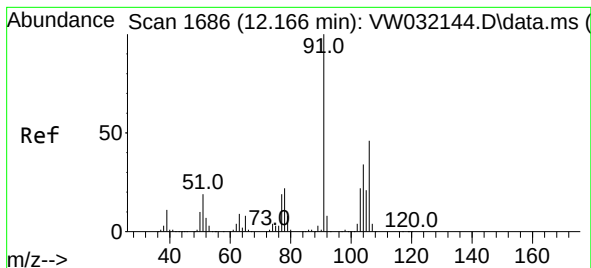
Tgt Ion: 91 Resp: 578700
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9



#68
m/p-Xylenes
Concen: 98.587 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:106 Resp: 438658
Ion Ratio Lower Upper
106 100
91 204.0 164.2 246.2

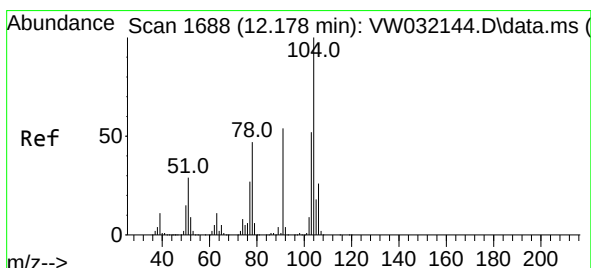
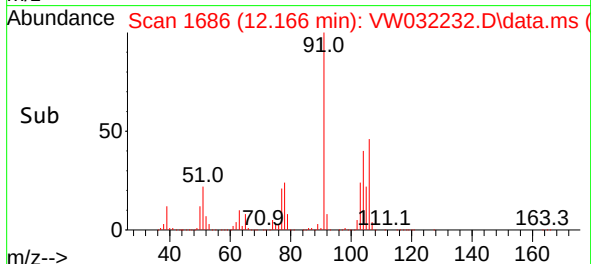
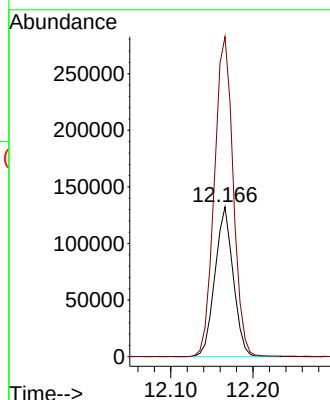
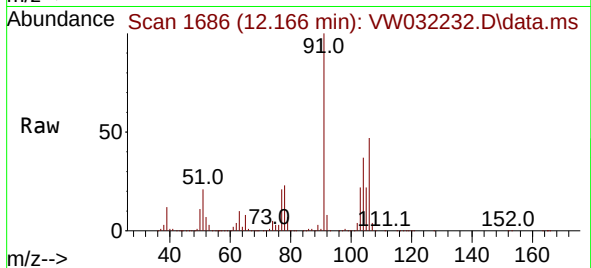




#69
o-Xylene
Concen: 48.411 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

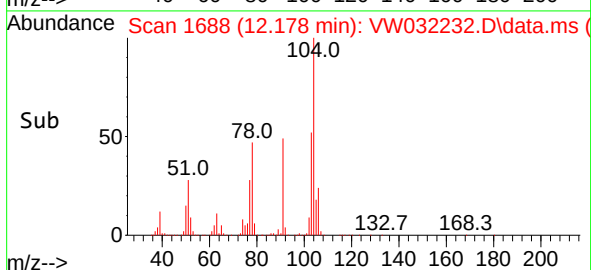
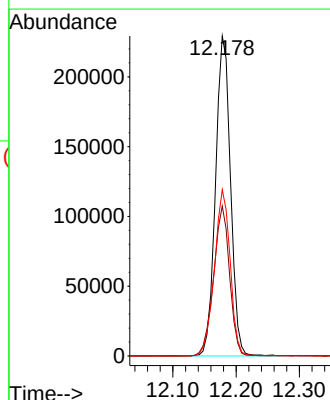
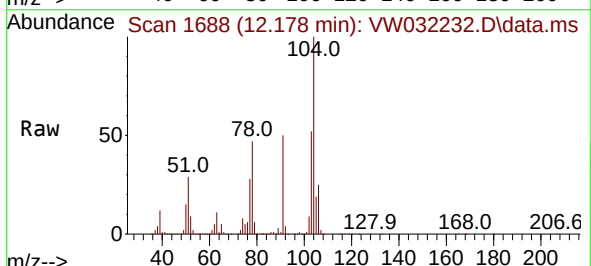
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

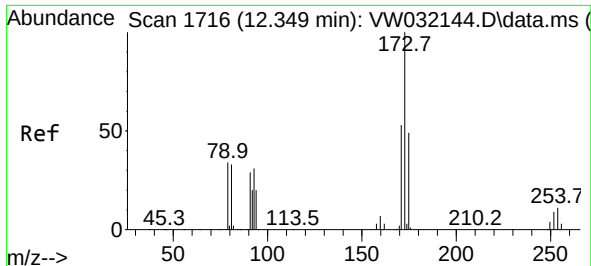
Tgt Ion:106 Resp: 203749
Ion Ratio Lower Upper
106 100
91 221.2 108.7 326.3



#70
Styrene
Concen: 50.703 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:104 Resp: 376169
Ion Ratio Lower Upper
104 100
78 49.9 41.6 62.4
103 54.7 44.8 67.2

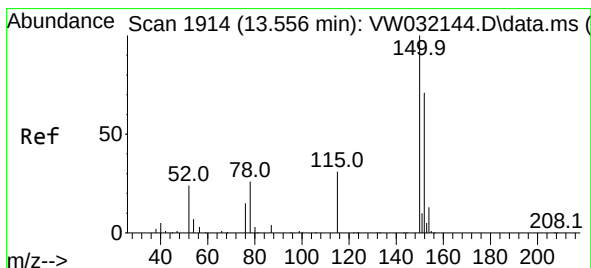
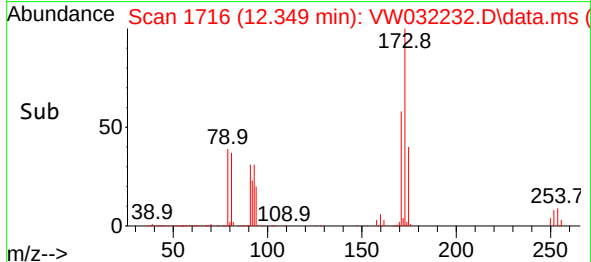
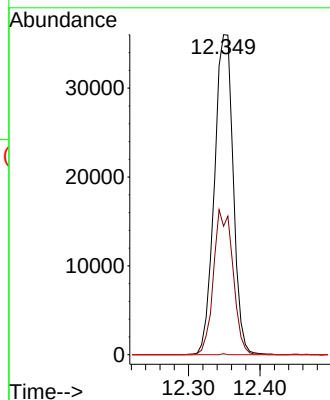
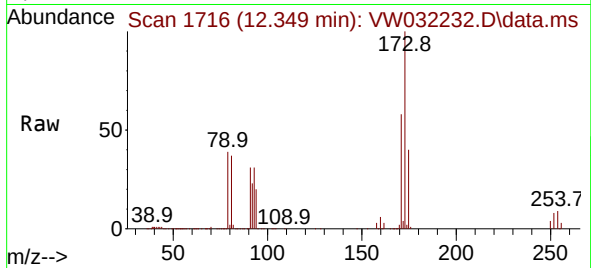




#71
Bromoform
Concen: 47.767 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

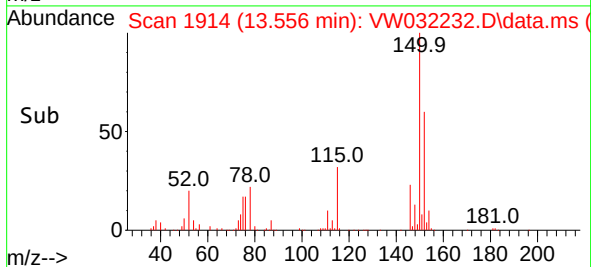
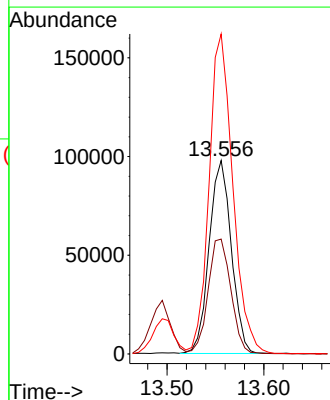
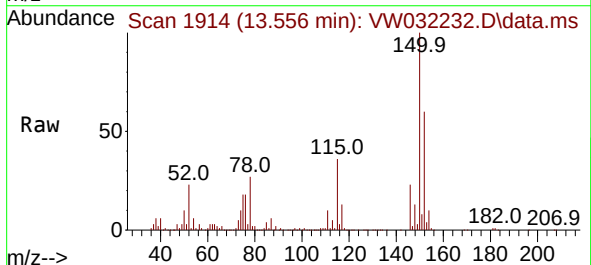
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

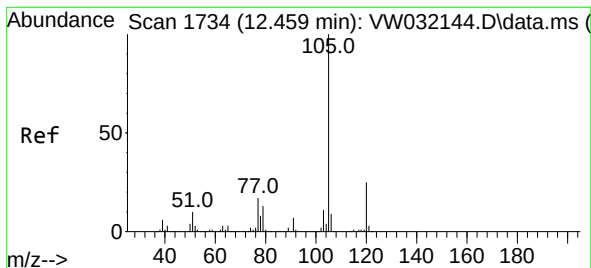
Tgt Ion:173 Resp: 65907
Ion Ratio Lower Upper
173 100
175 46.7 24.9 74.7
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:152 Resp: 155666
Ion Ratio Lower Upper
152 100
115 61.3 31.8 95.4
150 177.1 0.0 343.0





#73

Isopropylbenzene

Concen: 51.070 ug/l

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

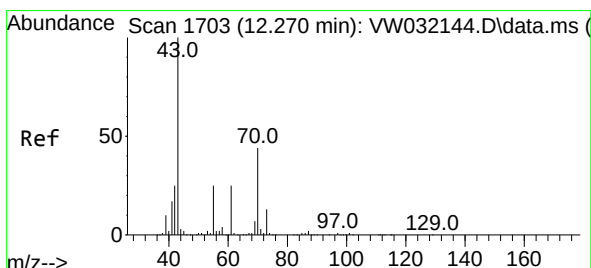
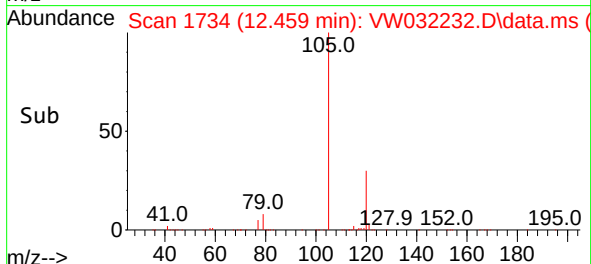
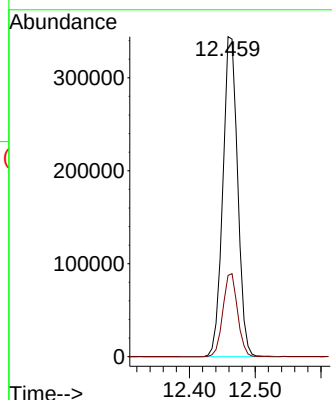
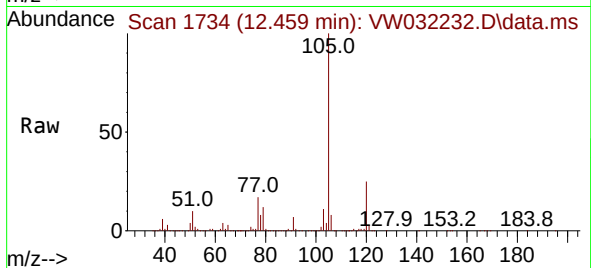
VSTDCCC050EC

Tgt Ion:105 Resp: 540087

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 51.189 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Tgt Ion: 43 Resp: 157169

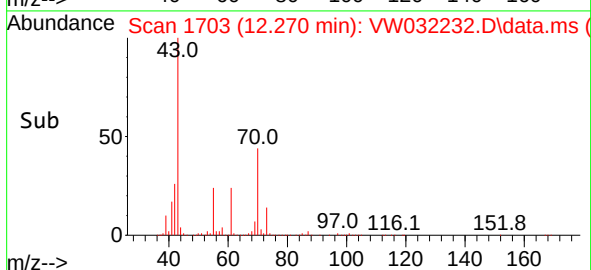
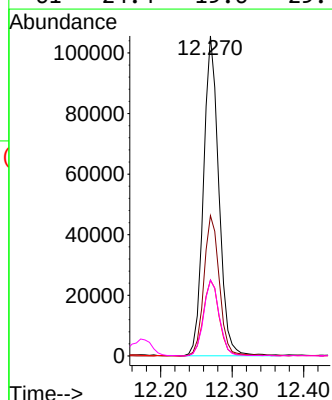
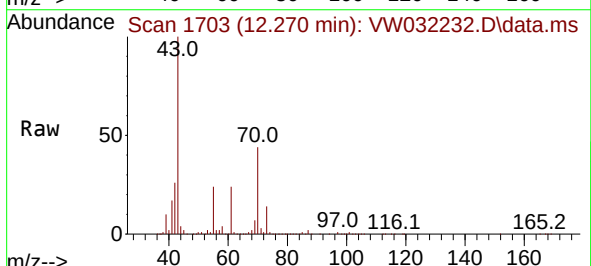
Ion Ratio Lower Upper

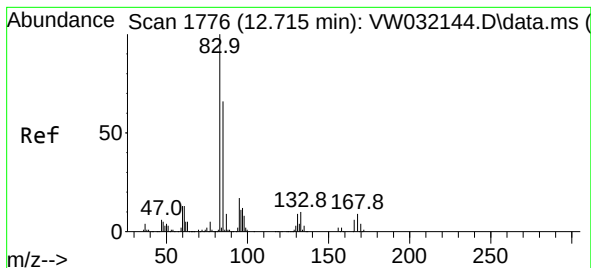
43 100

70 44.2 35.3 52.9

55 24.7 19.9 29.9

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.997 ug/l

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

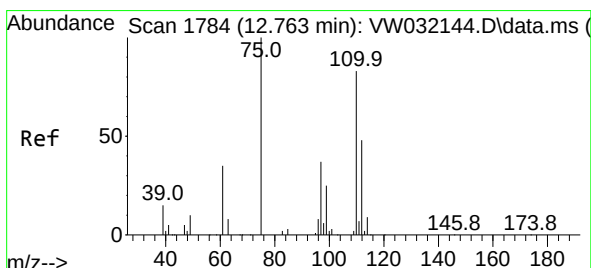
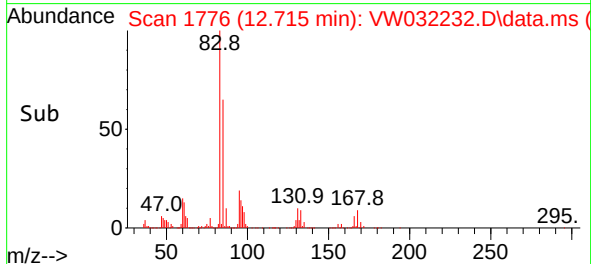
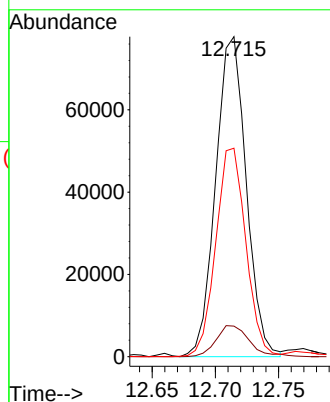
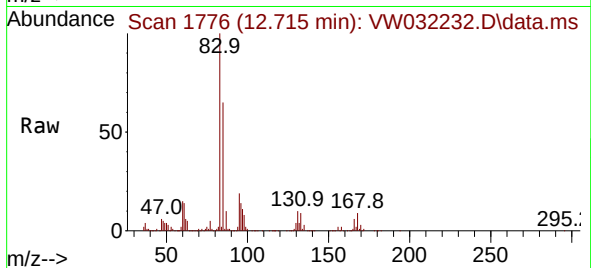
Tgt Ion: 83 Resp: 130682

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 64.1 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 82.638 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032232.D

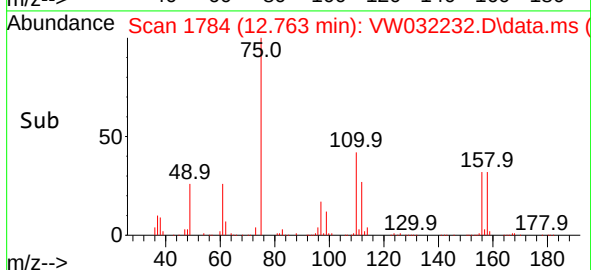
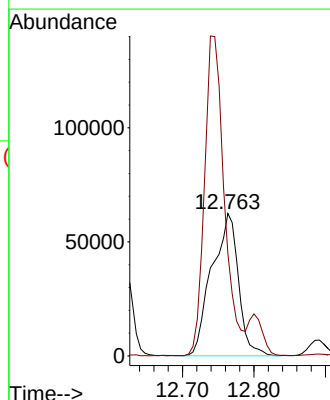
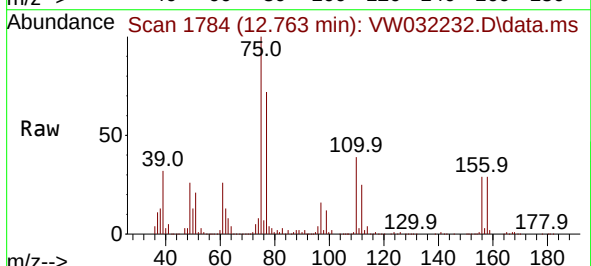
Acq: 22 Sep 2025 16:11

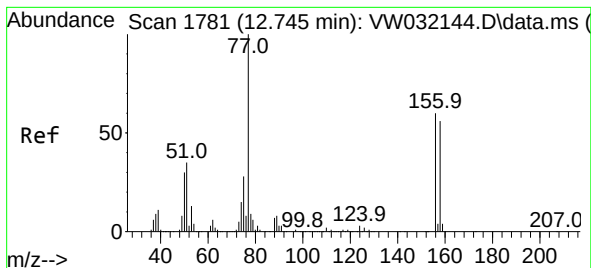
Tgt Ion: 75 Resp: 161159

Ion Ratio Lower Upper

75 100

77 0.0 141.7 425.1#





#77

Bromobenzene

Concen: 49.914 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

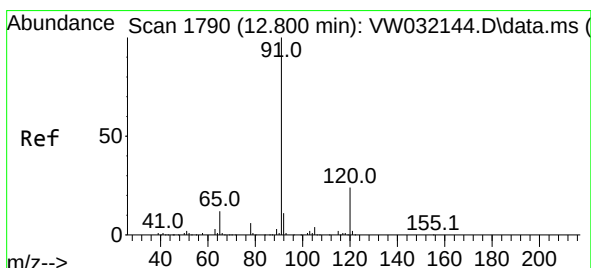
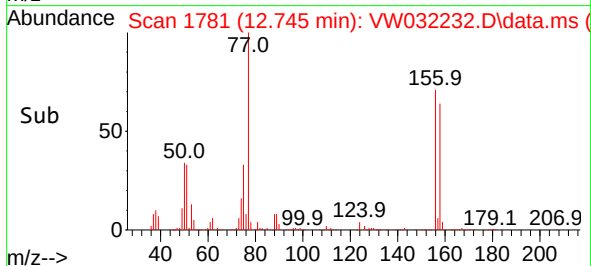
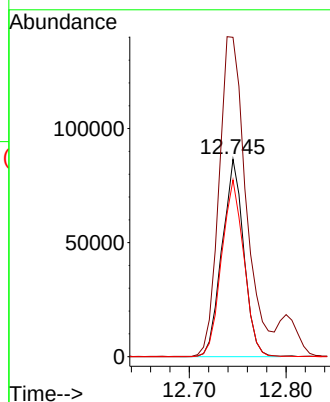
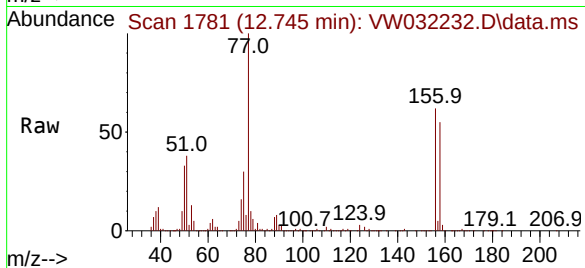
Tgt Ion:156 Resp: 134608

Ion Ratio Lower Upper

156 100

77 201.6 98.6 295.7

158 92.2 48.4 145.0



#78

n-propylbenzene

Concen: 51.402 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032232.D

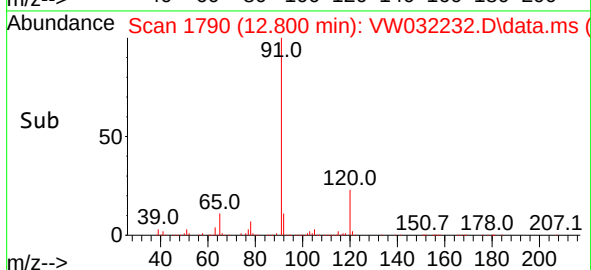
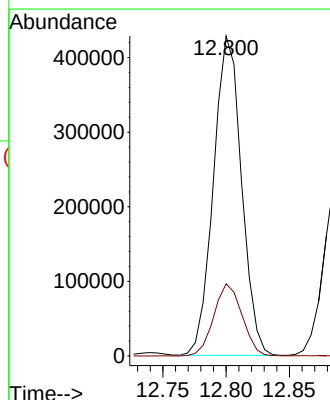
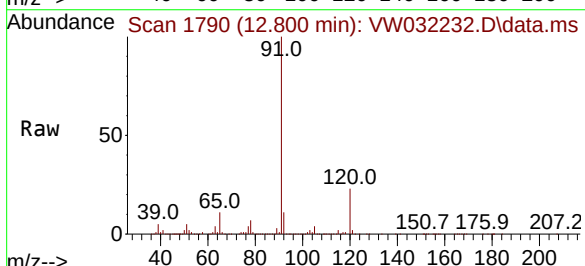
Acq: 22 Sep 2025 16:11

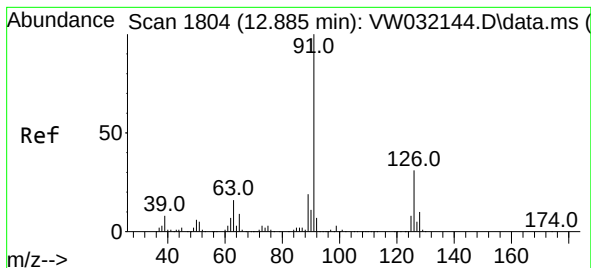
Tgt Ion: 91 Resp: 659971

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.137 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

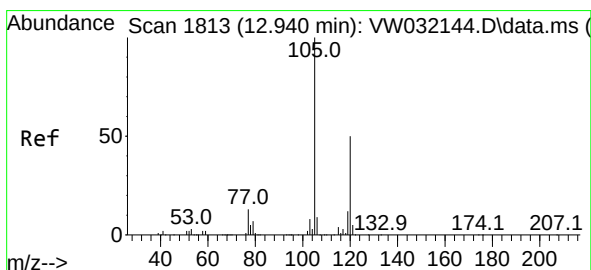
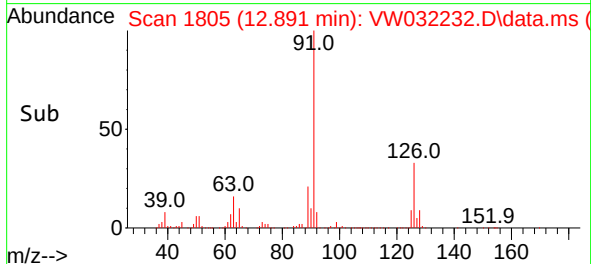
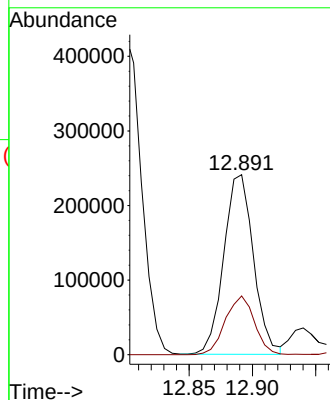
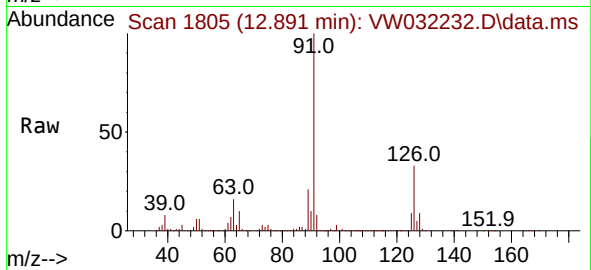
VSTDCCC050EC

Tgt Ion: 91 Resp: 393642

Ion Ratio Lower Upper

91 100

126 32.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 52.114 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032232.D

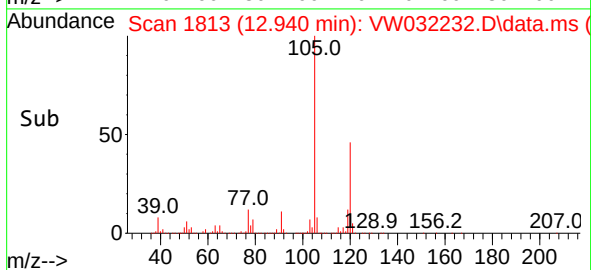
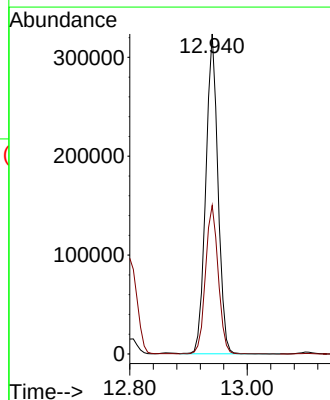
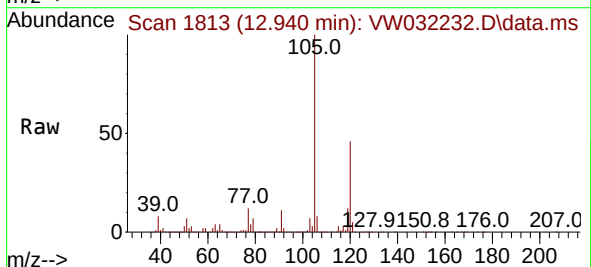
Acq: 22 Sep 2025 16:11

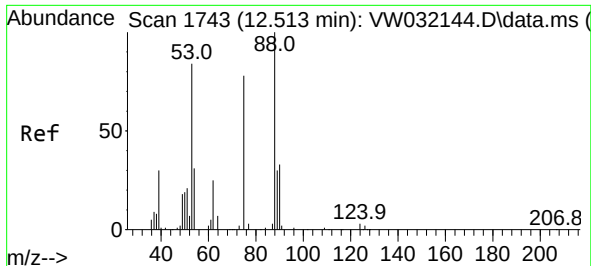
Tgt Ion: 105 Resp: 466614

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4

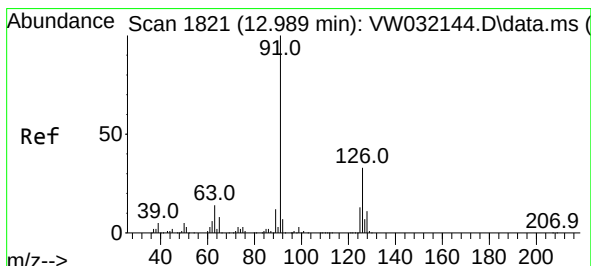
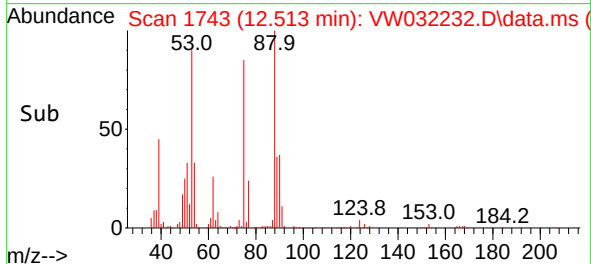
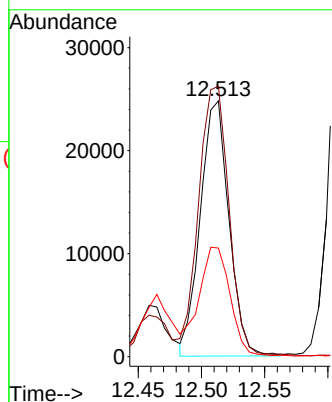
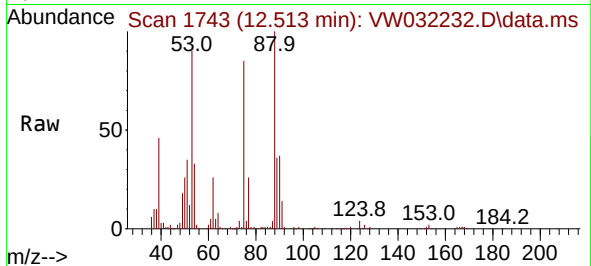




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.042 ug/l
 RT: 12.513 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

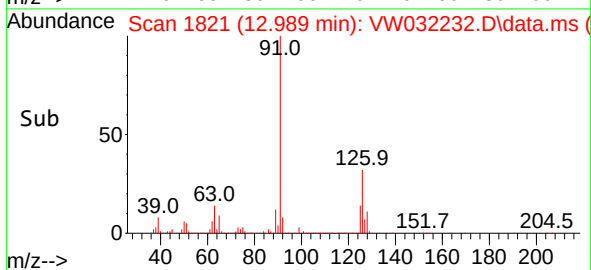
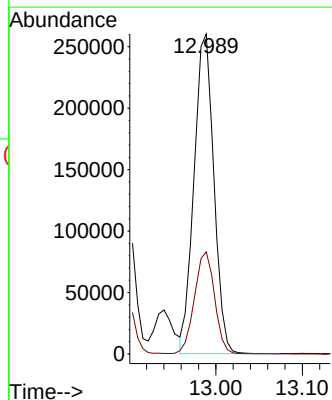
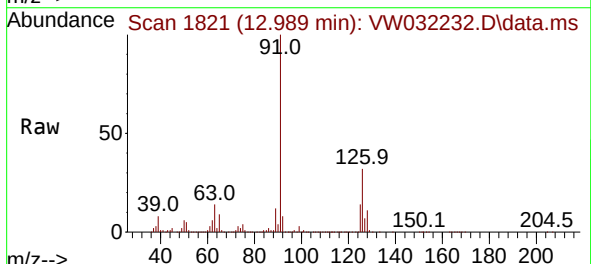
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

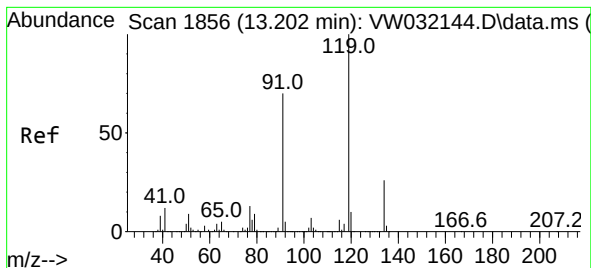
Tgt Ion:	75	Resp:	39143
Ion	Ratio	Lower	Upper
75	100		
53	113.4	91.0	136.6
89	46.9	39.4	59.2



#82
 4-Chlorotoluene
 Concen: 49.213 ug/l
 RT: 12.989 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VW032232.D
 Acq: 22 Sep 2025 16:11

Tgt Ion:	91	Resp:	413590
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.2

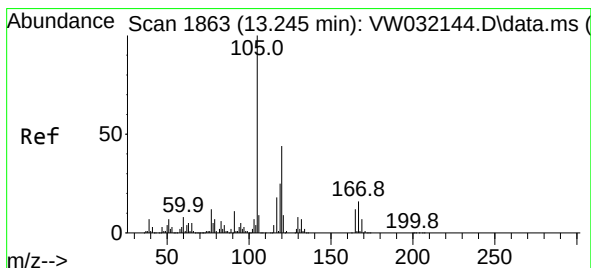
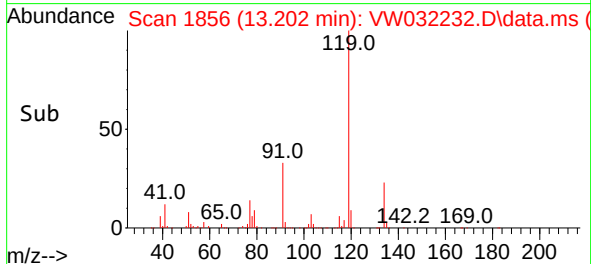
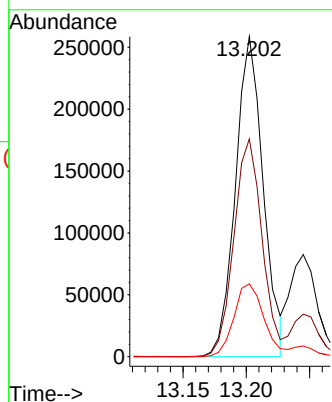
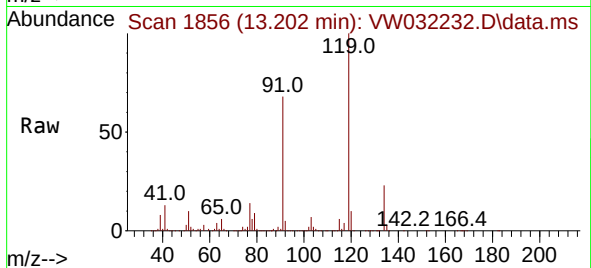




#83
tert-Butylbenzene
Concen: 52.054 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

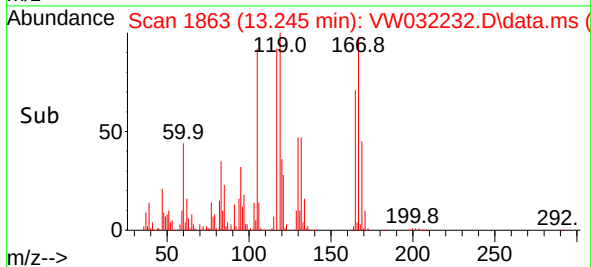
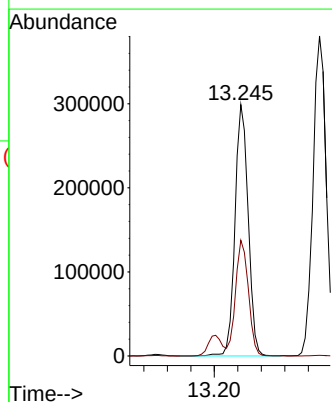
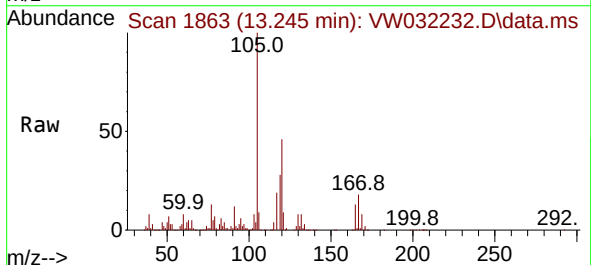
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

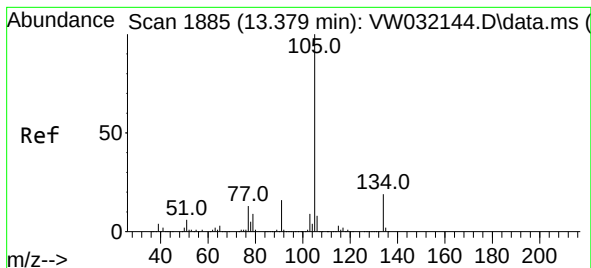
Tgt Ion:119 Resp: 395186
Ion Ratio Lower Upper
119 100
91 68.9 33.8 101.3
134 24.8 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 50.392 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:105 Resp: 466798
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.065 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

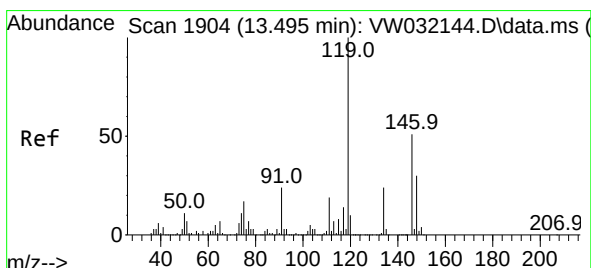
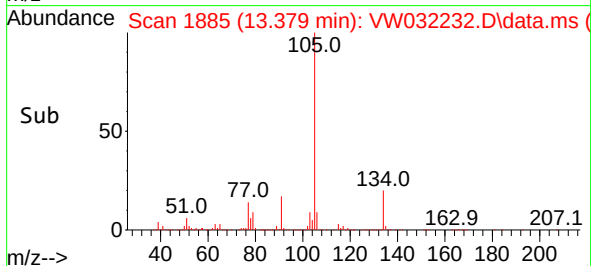
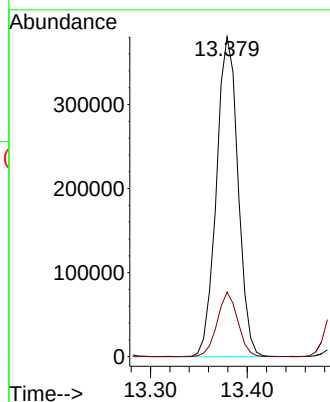
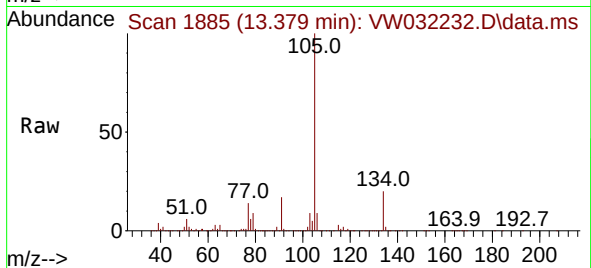
VSTDCCC050EC

Tgt Ion:105 Resp: 590158

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.831 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

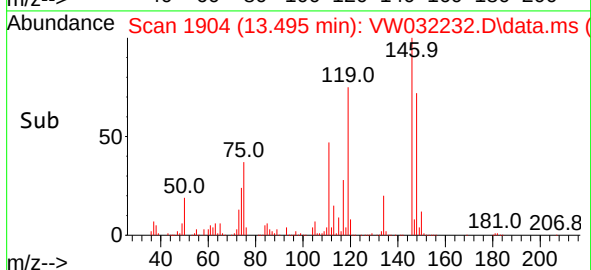
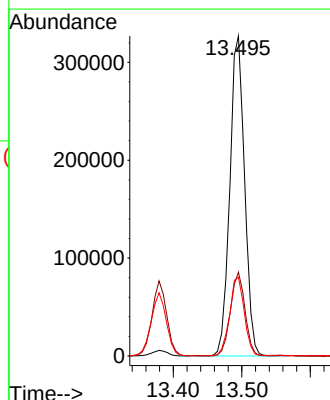
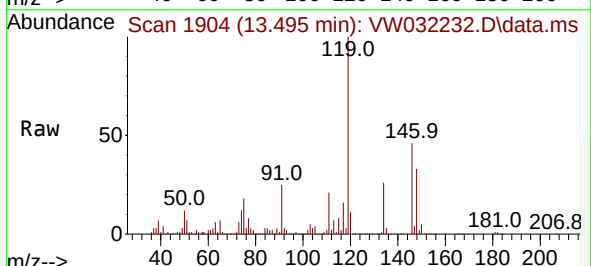
Tgt Ion:119 Resp: 489978

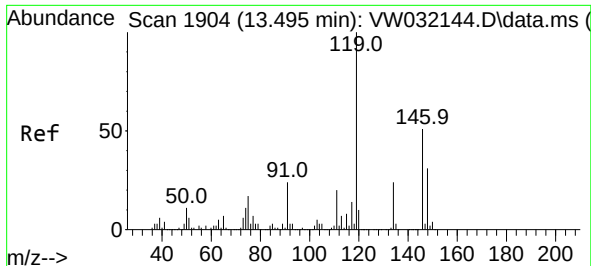
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 48.267 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

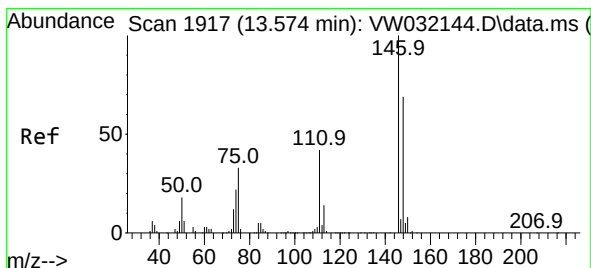
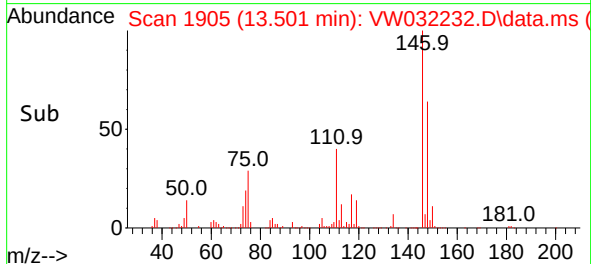
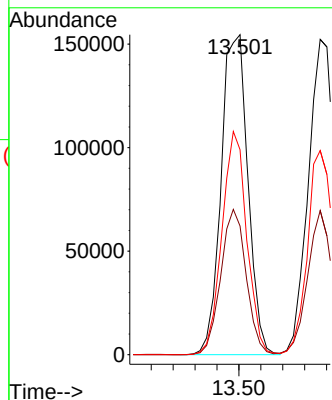
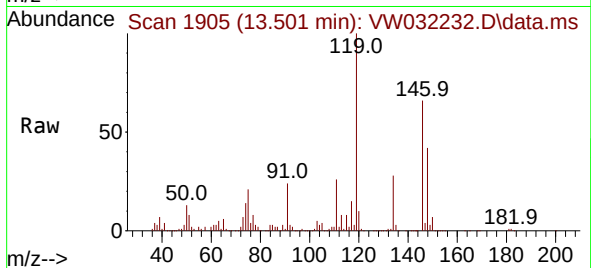
Tgt Ion:146 Resp: 262088

Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.9

148 64.8 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.267 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

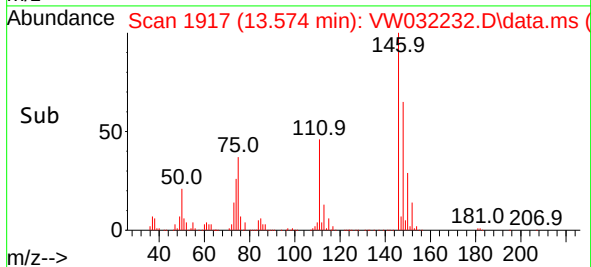
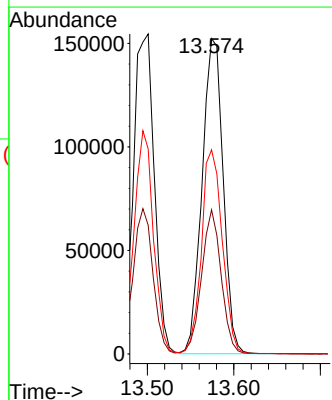
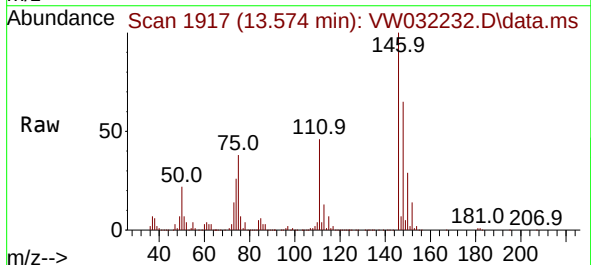
Tgt Ion:146 Resp: 257264

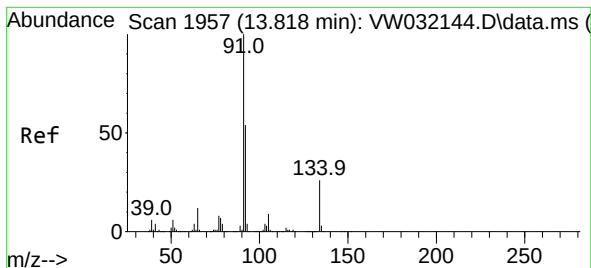
Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.7

148 63.9 33.4 100.1





#89

n-Butylbenzene

Concen: 52.162 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

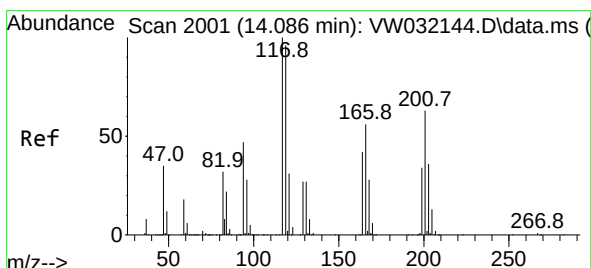
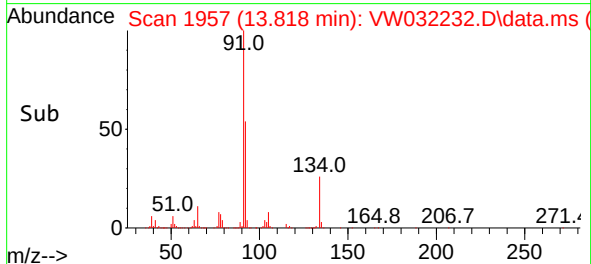
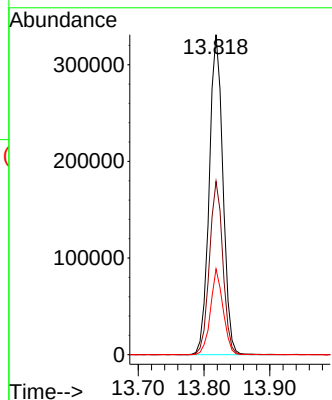
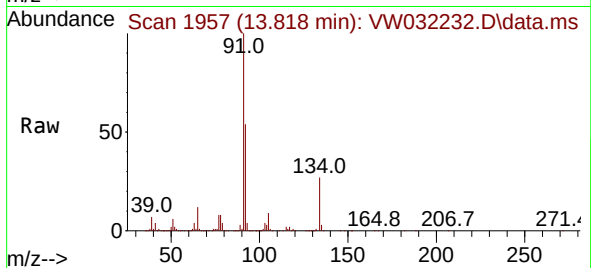
Tgt Ion: 91 Resp: 479368

Ion Ratio Lower Upper

91 100

92 53.1 27.0 81.0

134 24.6 13.1 39.3



#90

Hexachloroethane

Concen: 50.418 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032232.D

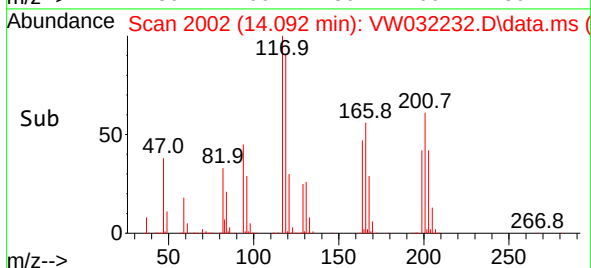
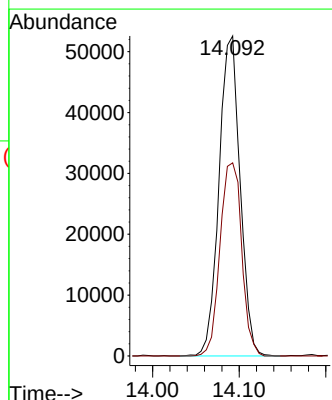
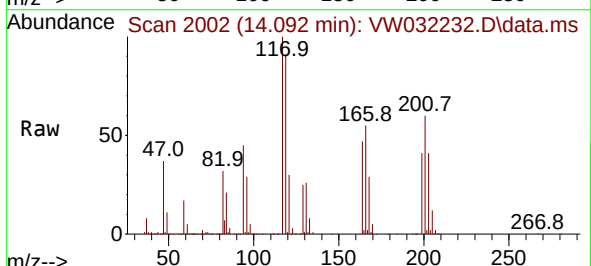
Acq: 22 Sep 2025 16:11

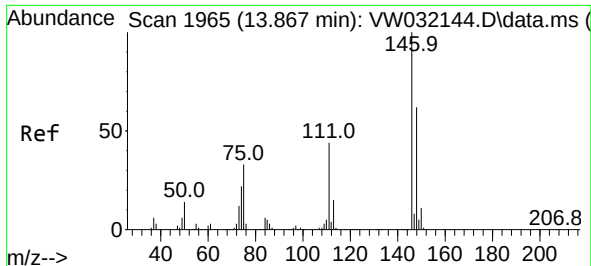
Tgt Ion: 117 Resp: 88896

Ion Ratio Lower Upper

117 100

201 62.0 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 51.127 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

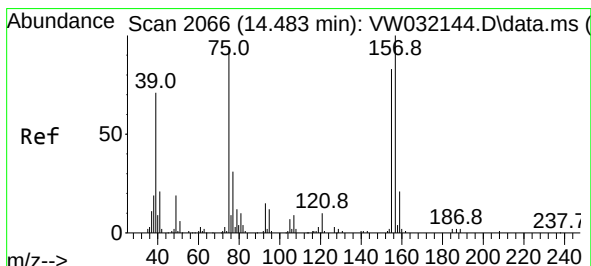
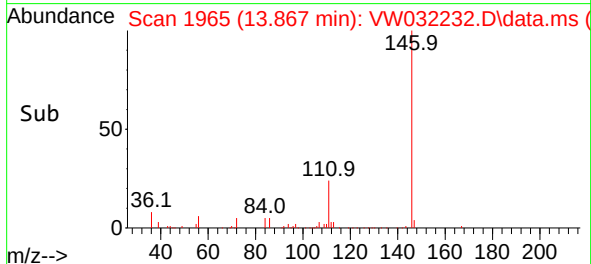
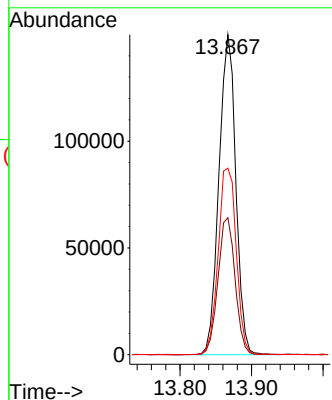
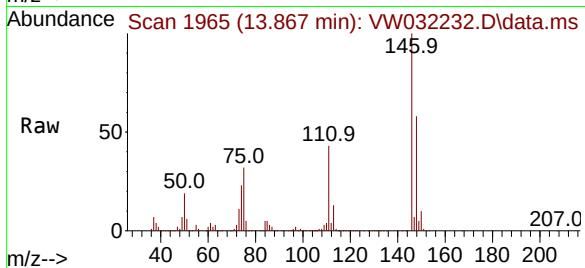
Tgt Ion:146 Resp: 245797

Ion Ratio Lower Upper

146 100

111 43.5 23.4 70.0

148 62.6 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.872 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

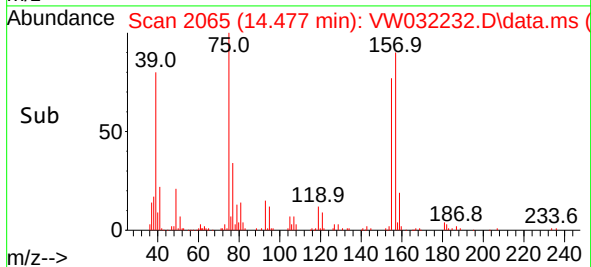
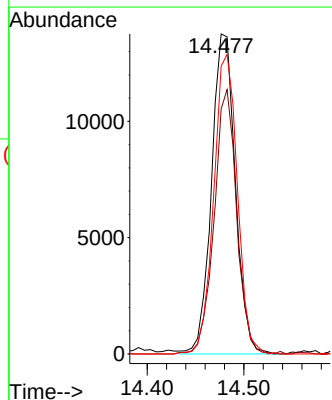
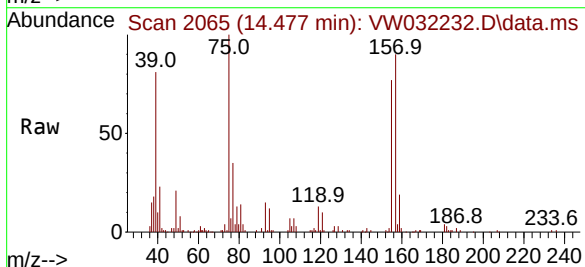
Tgt Ion: 75 Resp: 23475

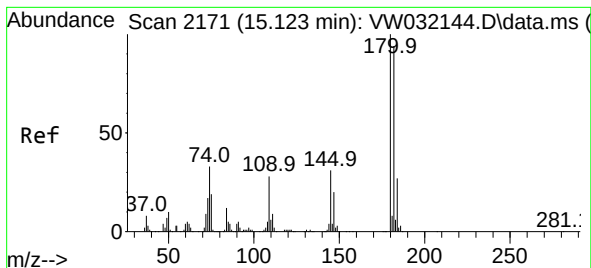
Ion Ratio Lower Upper

75 100

155 78.2 40.8 122.5

157 92.7 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 46.844 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

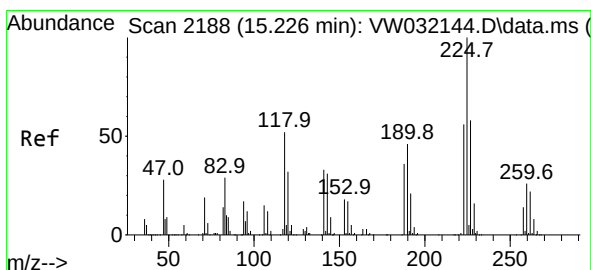
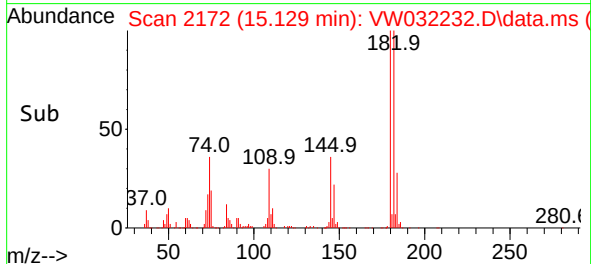
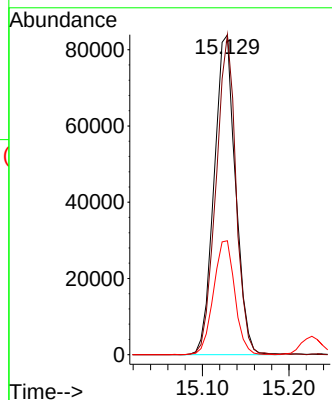
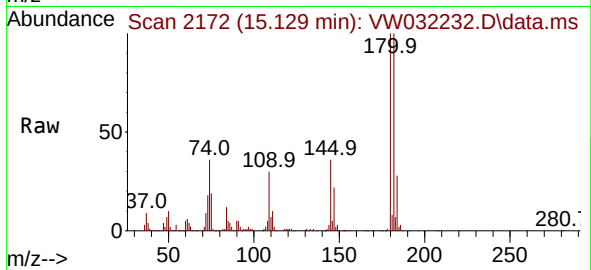
Tgt Ion:180 Resp: 143885

Ion Ratio Lower Upper

180 100

182 93.3 47.4 142.2

145 35.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 42.971 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032232.D

Acq: 22 Sep 2025 16:11

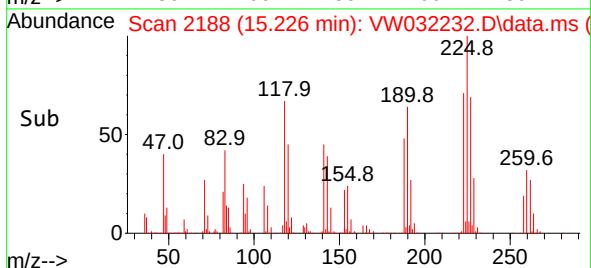
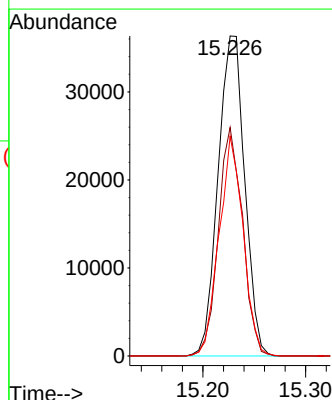
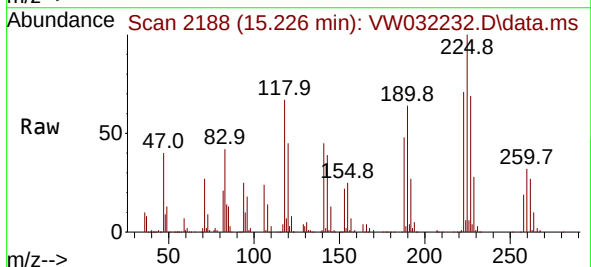
Tgt Ion:225 Resp: 65460

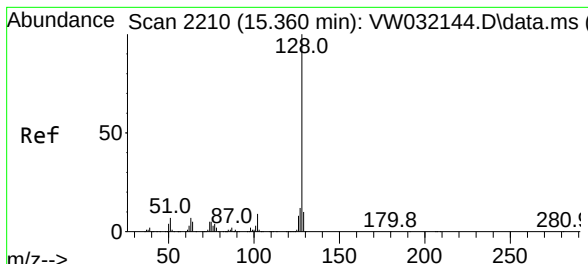
Ion Ratio Lower Upper

225 100

223 64.8 29.8 89.3

227 62.0 30.5 91.5

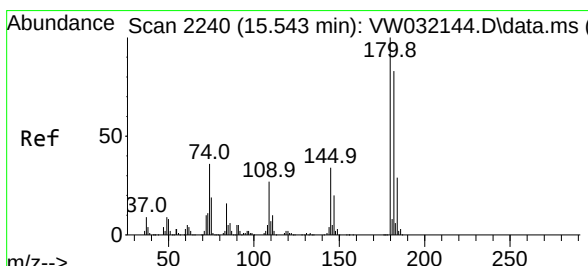
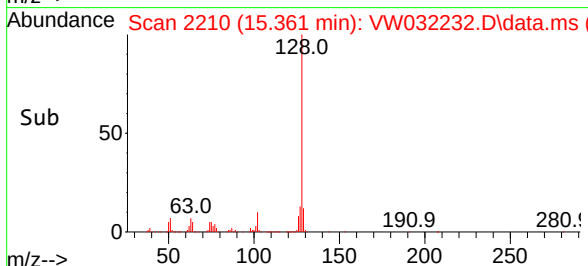
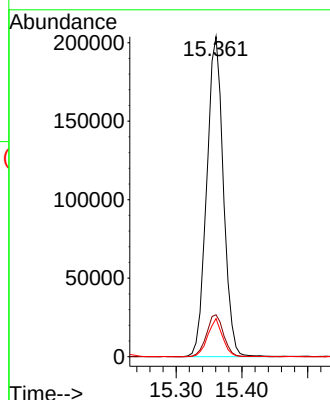
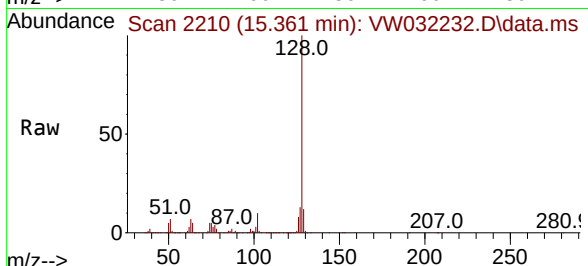




#95
Naphthalene
Concen: 51.625 ug/l
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 358865
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 47.624 ug/l
RT: 15.550 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032232.D
Acq: 22 Sep 2025 16:11

Tgt Ion:180 Resp: 136040
Ion Ratio Lower Upper
180 100
182 97.6 47.7 143.1
145 36.3 17.2 51.6

