

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032151.D
 Acq On : 28 Aug 2025 12:14
 Operator : SY/MD
 Sample : Q2893-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS01

Quant Time: Aug 29 01:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 01:37:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	211312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.843	114	374779	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.636	117	341128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	156476	51.778	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.560%	
35) Dibromofluoromethane	7.898	113	129684	49.320	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.640%	
50) Toluene-d8	10.325	98	460231	49.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.617	95	166980	48.920	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	3365	2.412	ug/l	91
3) Chloromethane	2.253	50	4688	3.205	ug/l	94
4) Vinyl Chloride	2.405	62	5482	2.885	ug/l	95
5) Bromomethane	2.820	94	4631	2.730	ug/l	87
6) Chloroethane	2.966	64	3925	2.933	ug/l	93
7) Trichlorofluoromethane	3.308	101	4265	2.266	ug/l	94
8) Diethyl Ether	3.716	74	5091	3.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	6168	2.909	ug/l	96
10) Methyl Iodide	4.301	142	8761	2.713	ug/l	99
11) Tert butyl alcohol	5.210	59	3165	17.122	ug/l #	85
12) 1,1-Dichloroethene	4.070	96	6223	2.786	ug/l	95
13) Acrolein	3.930	56	793	2.791	ug/l #	14
14) Allyl chloride	4.698	41	7568	2.386	ug/l	88
15) Acrylonitrile	5.405	53	8653	12.669	ug/l	92
16) Acetone	4.155	43	12323	18.829	ug/l	94
17) Carbon Disulfide	4.411	76	13121	2.349	ug/l #	95
18) Methyl Acetate	4.704	43	5661	2.715	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	10783	2.557	ug/l	97
20) Methylene Chloride	4.948	84	18280	5.967	ug/l #	95
21) trans-1,2-Dichloroethene	5.460	96	5980	2.397	ug/l #	75
22) Diisopropyl ether	6.338	45	17403	2.521	ug/l #	96
23) Vinyl Acetate	6.283	43	48403	10.311	ug/l	98
24) 1,1-Dichloroethane	6.240	63	12018	2.659	ug/l	98
25) 2-Butanone	7.197	43	12010	12.950	ug/l	98
26) 2,2-Dichloropropane	7.179	77	6574	2.746	ug/l	98
27) cis-1,2-Dichloroethene	7.179	96	7574	2.495	ug/l	97
28) Bromochloromethane	7.520	49	5648	2.730	ug/l	96
29) Tetrahydrofuran	7.557	42	7139	12.113	ug/l	91
30) Chloroform	7.691	83	13667	2.648	ug/l	98
31) Cyclohexane	7.965	56	14196	3.826	ug/l #	73
32) 1,1,1-Trichloroethane	7.886	97	10214	2.711	ug/l	96
36) 1,1-Dichloropropene	8.093	75	8202	2.406	ug/l	90
37) Ethyl Acetate	7.270	43	4391	2.147	ug/l #	86
38) Carbon Tetrachloride	8.081	117	9148	2.503	ug/l	97
39) Methylcyclohexane	9.337	83	10158	2.516	ug/l	93
40) Benzene	8.337	78	26009	2.468	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	3062	2.695	ug/l #	68
42) 1,2-Dichloroethane	8.404	62	9611	2.631	ug/l	99
43) Isopropyl Acetate	8.435	43	8816	2.298	ug/l #	88
44) Trichloroethene	9.099	130	6803	2.567	ug/l	90
45) 1,2-Dichloropropane	9.374	63	6373	2.509	ug/l	92
46) Dibromomethane	9.465	93	4490	2.520	ug/l	94
47) Bromodichloromethane	9.648	83	9164	2.263	ug/l #	94
48) Methyl methacrylate	9.447	41	3612	2.043	ug/l	99
49) 1,4-Dioxane	9.459	88	890	41.340	ug/l #	74
51) 4-Methyl-2-Pentanone	10.215	43	23136	10.679	ug/l	98
52) Toluene	10.392	92	17133	2.488	ug/l	93
53) t-1,3-Dichloropropene	10.611	75	8142	2.279	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	9140	2.242	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	5846	2.523	ug/l	98
56) Ethyl methacrylate	10.654	69	6172	2.084	ug/l	98
57) 1,3-Dichloropropane	10.934	76	9319	2.402	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.929	63	16616	10.509	ug/l	97
59) 2-Hexanone	10.971	43	16263	10.794	ug/l	93
60) Dibromochloromethane	11.130	129	6099	2.175	ug/l	93
61) 1,2-Dibromoethane	11.239	107	5696	2.500	ug/l	96
64) Tetrachloroethene	10.867	164	6199	2.761	ug/l	95
65) Chlorobenzene	11.660	112	19871	2.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	6380	2.496	ug/l	97
67) Ethyl Benzene	11.727	91	30130	2.368	ug/l	99
68) m/p-Xylenes	11.837	106	22585	4.613	ug/l	99
69) o-Xylene	12.160	106	9870	2.131	ug/l	91
70) Styrene	12.178	104	17294	2.118	ug/l	98
71) Bromoform	12.349	173	3757	2.475	ug/l #	100
73) Isopropylbenzene	12.465	105	25229	2.127	ug/l	95
74) N-amyl acetate	12.270	43	6657	1.933	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.715	83	6810	2.416	ug/l	92
76) 1,2,3-Trichloropropane	12.763	75	8711	3.982	ug/l	43
77) Bromobenzene	12.745	156	8044	2.659	ug/l	96
78) n-propylbenzene	12.800	91	35414	2.459	ug/l	97
79) 2-Chlorotoluene	12.891	91	20379	2.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	22207	2.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.617	75	93256	114.788	ug/l #	5
82) 4-Chlorotoluene	12.983	91	23892	2.535	ug/l	100
83) tert-Butylbenzene	13.202	119	19816	2.327	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	22431	2.159	ug/l	97
85) sec-Butylbenzene	13.379	105	29137	2.292	ug/l	97
86) p-Isopropyltoluene	13.489	119	24445	2.261	ug/l	96
87) 1,3-Dichlorobenzene	13.495	146	15713	2.580	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	15973	2.616	ug/l	89
89) n-Butylbenzene	13.818	91	24495	2.376	ug/l	99
90) Hexachloroethane	14.092	117	5193	2.626	ug/l	93
91) 1,2-Dichlorobenzene	13.861	146	14123	2.619	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	1244	2.498	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	8408	2.440	ug/l	96
94) Hexachlorobutadiene	15.220	225	4708	2.755	ug/l	94
95) Naphthalene	15.360	128	16832	2.159	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	8010	2.500	ug/l	95

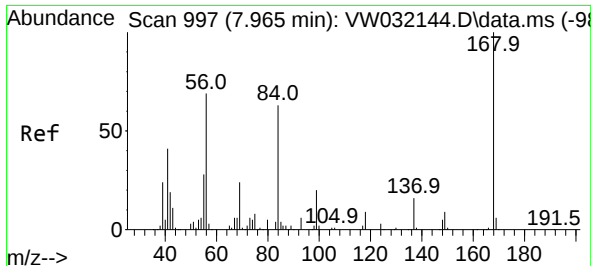
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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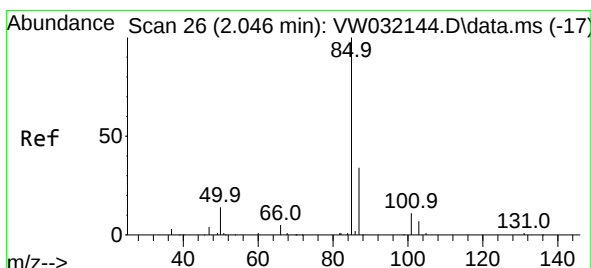
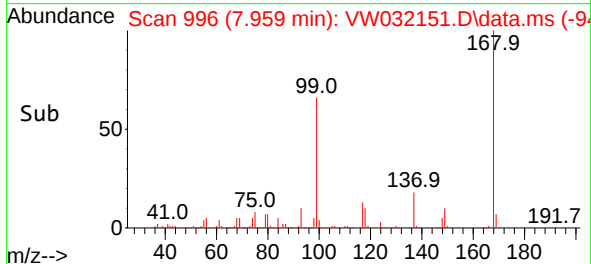
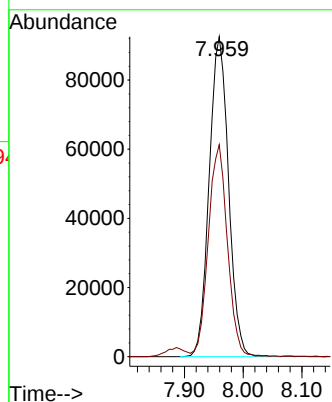
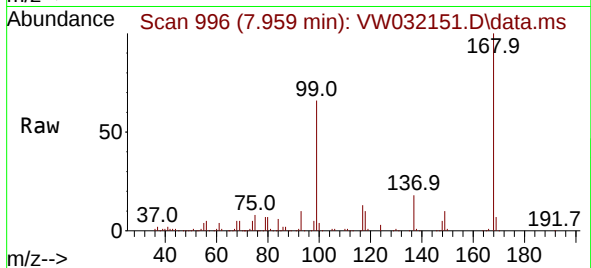
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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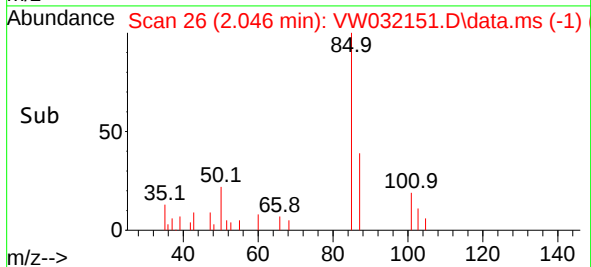
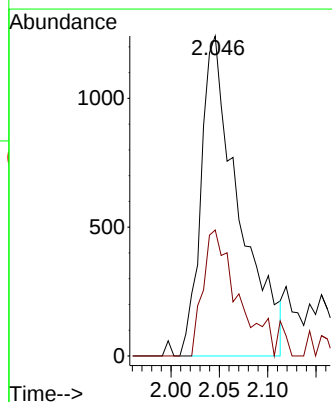
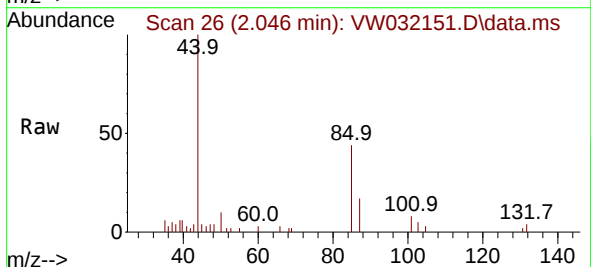
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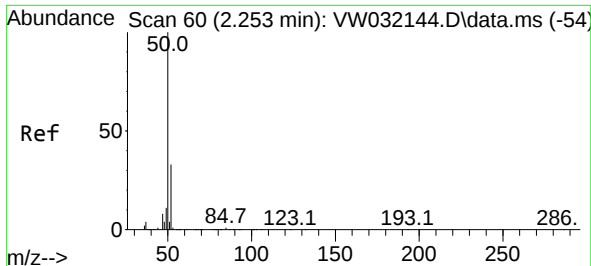
Tgt Ion:168 Resp: 211312
Ion Ratio Lower Upper
168 100
99 66.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 2.412 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 85 Resp: 3365
Ion Ratio Lower Upper
85 100
87 39.4 17.2 51.6

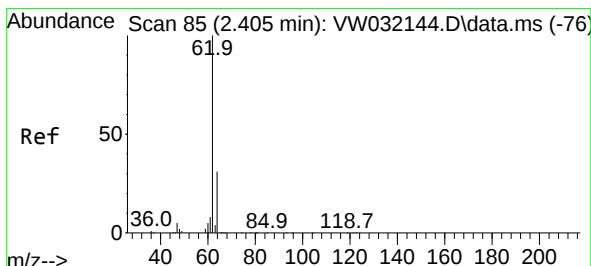
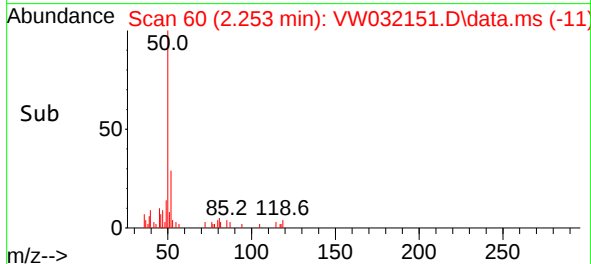
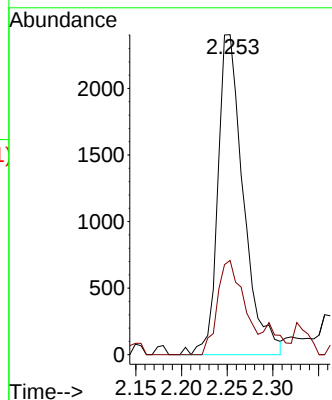
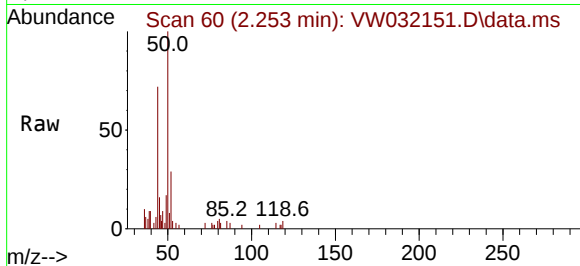




#3
Chloromethane
Concen: 3.205 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

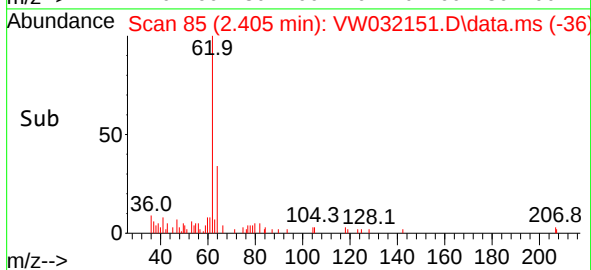
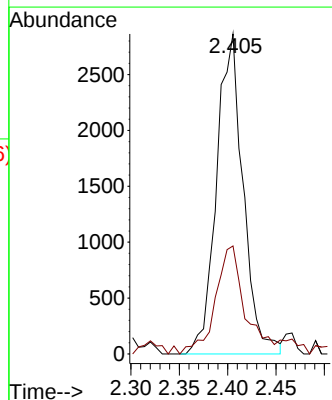
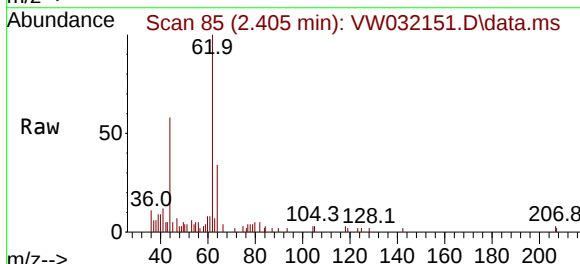
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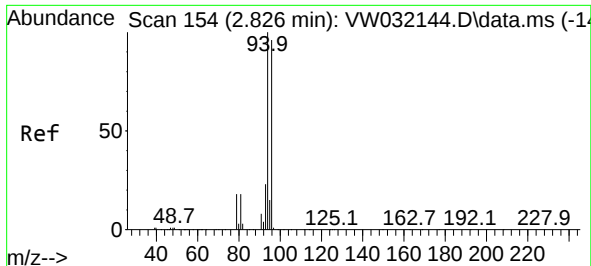
Tgt Ion: 50 Resp: 4688
Ion Ratio Lower Upper
50 100
52 29.5 26.1 39.1



#4
Vinyl Chloride
Concen: 2.885 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 62 Resp: 5482
Ion Ratio Lower Upper
62 100
64 33.7 24.8 37.2

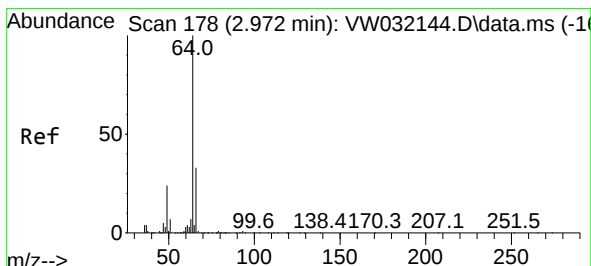
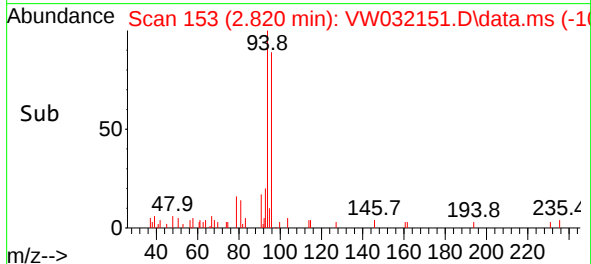
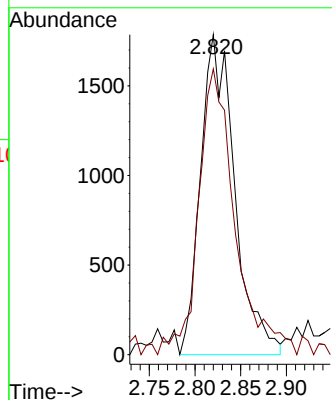
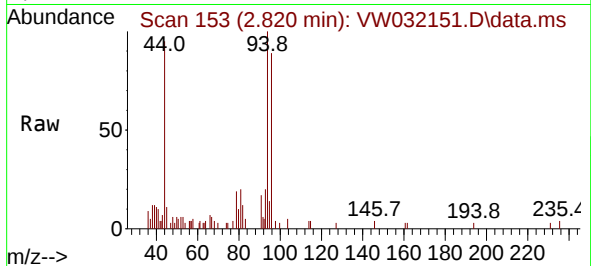




#5
Bromomethane
Concen: 2.730 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

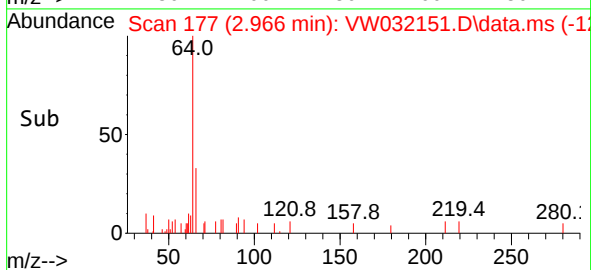
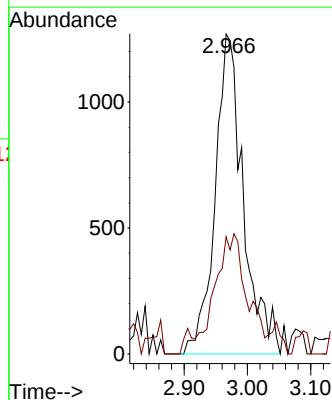
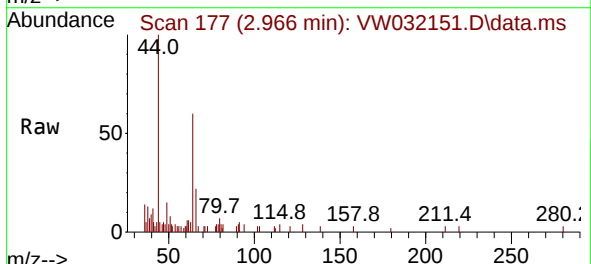
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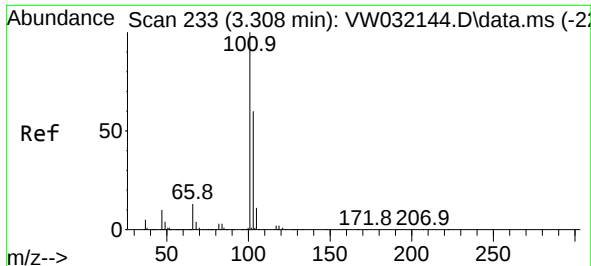
Tgt Ion: 94 Resp: 4631
Ion Ratio Lower Upper
94 100
96 83.5 76.6 115.0



#6
Chloroethane
Concen: 2.933 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 64 Resp: 3925
Ion Ratio Lower Upper
64 100
66 36.6 26.2 39.4

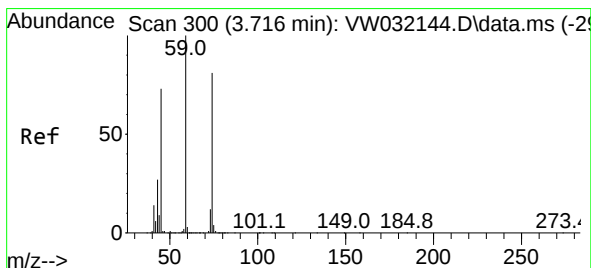
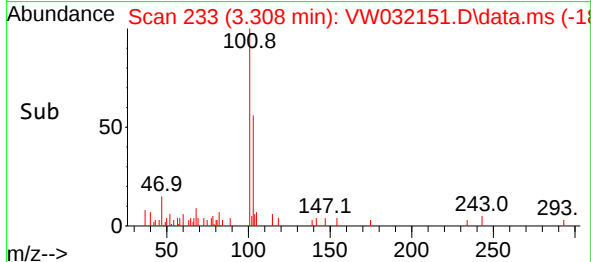
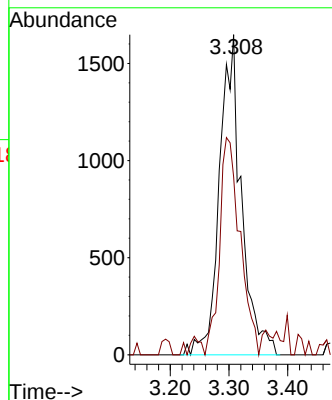
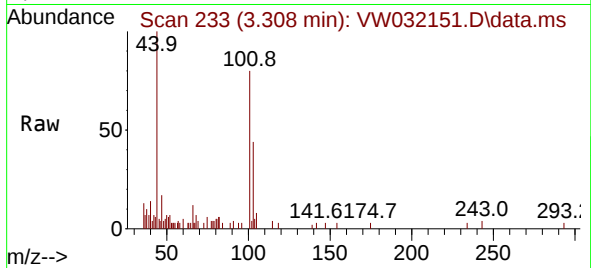




#7
 Trichlorofluoromethane
 Concen: 2.266 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

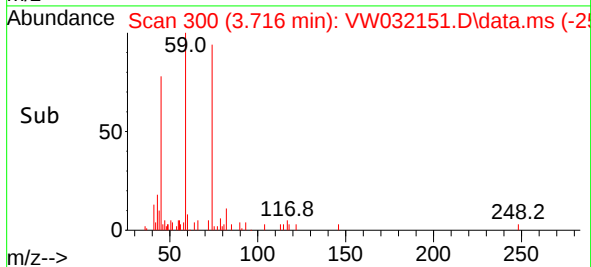
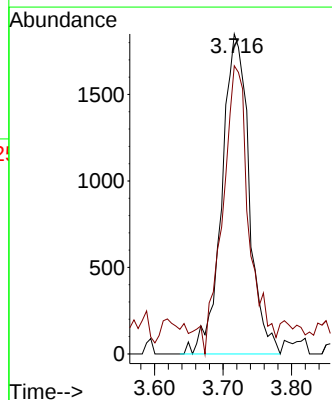
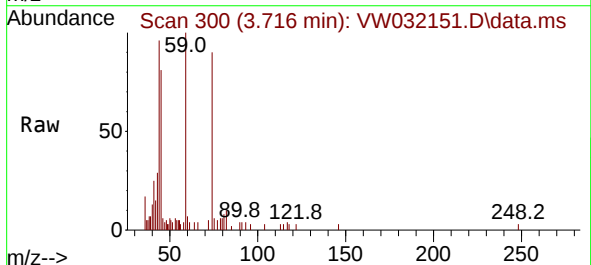
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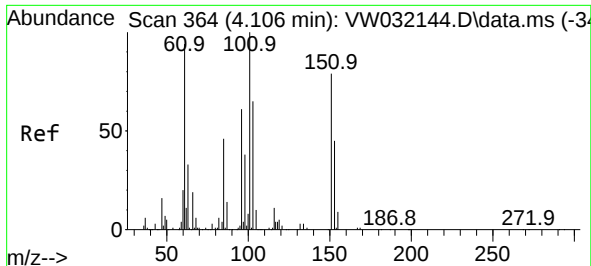
Tgt Ion:101 Resp: 4265
 Ion Ratio Lower Upper
 101 100
 103 55.6 47.8 71.8



#8
 Diethyl Ether
 Concen: 3.624 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

Tgt Ion: 74 Resp: 5091
 Ion Ratio Lower Upper
 74 100
 45 87.4 43.1 129.4



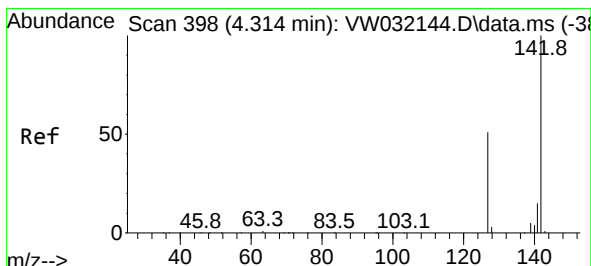
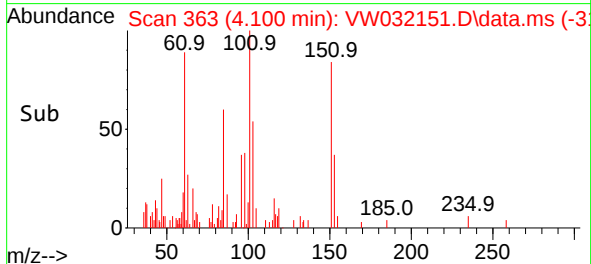
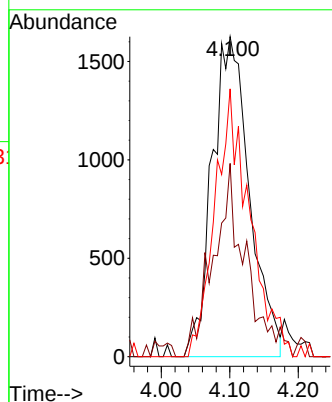
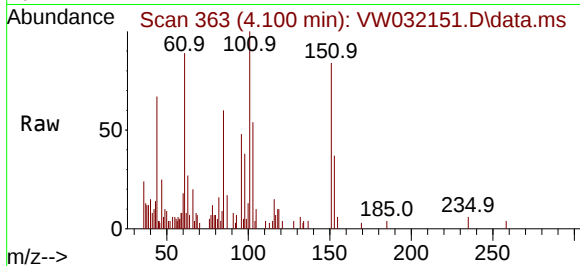


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.909 ug/l
 RT: 4.100 min Scan# 309
 Delta R.T. -0.006 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

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Tgt Ion:101 Resp: 6168

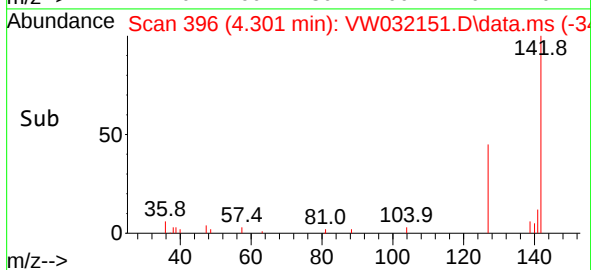
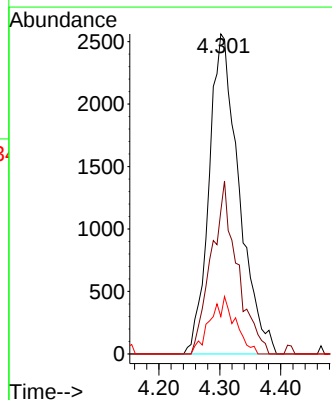
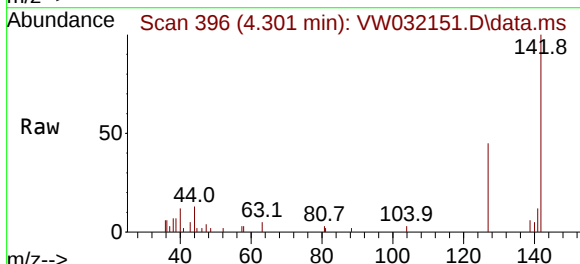
Ion	Ratio	Lower	Upper
101	100		
85	51.7	37.1	55.7
151	77.8	61.5	92.3

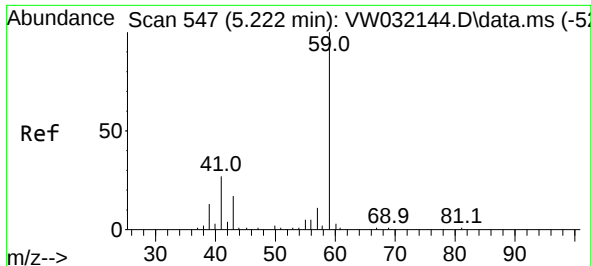


#10
 Methyl Iodide
 Concen: 2.713 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

Tgt Ion:142 Resp: 8761

Ion	Ratio	Lower	Upper
142	100		
127	46.8	38.2	57.2
141	15.1	12.2	18.2

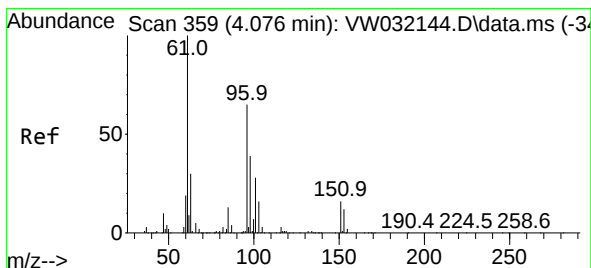
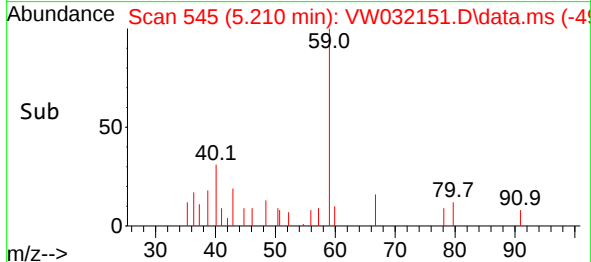
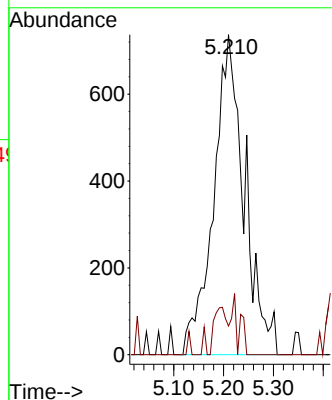
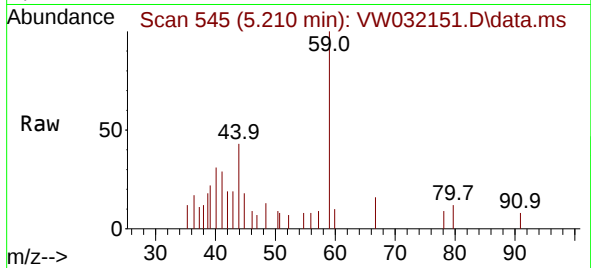




#11
Tert butyl alcohol
Concen: 17.122 ug/l
RT: 5.210 min Scan# 547
Delta R.T. -0.012 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

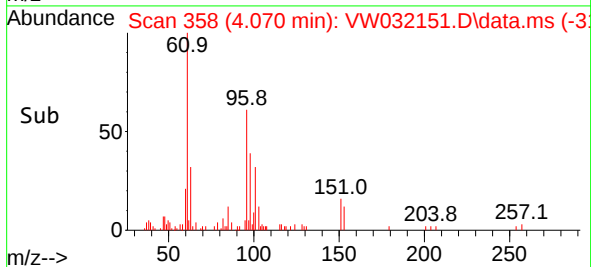
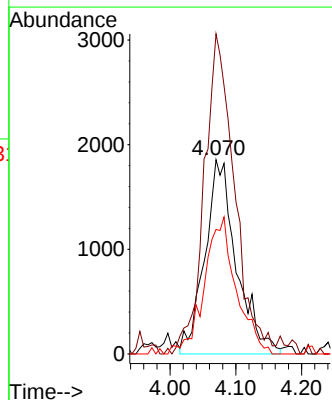
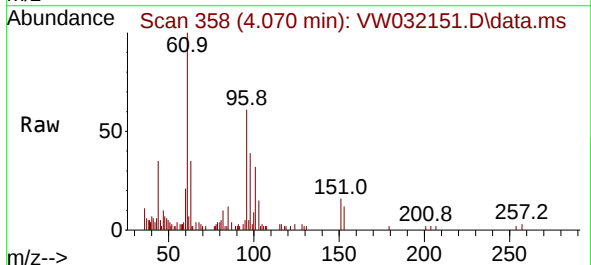
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

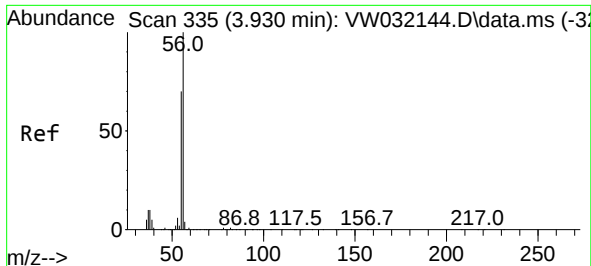
Tgt Ion: 59 Resp: 3165
Ion Ratio Lower Upper
59 100
57 6.3 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 2.786 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 96 Resp: 6223
Ion Ratio Lower Upper
96 100
61 160.0 123.0 184.4
98 65.9 48.5 72.7

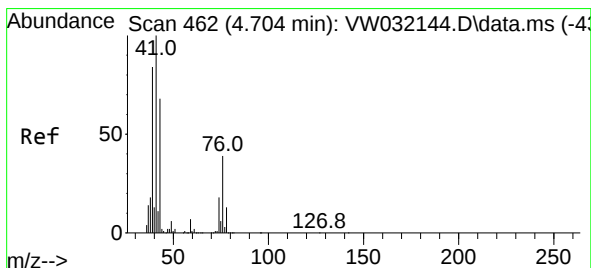
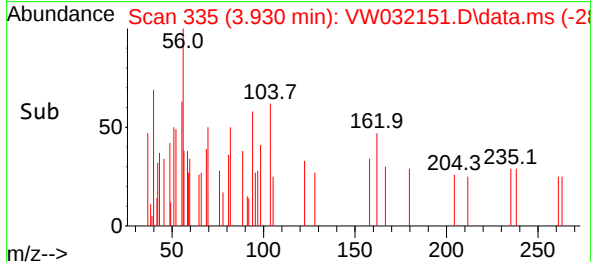
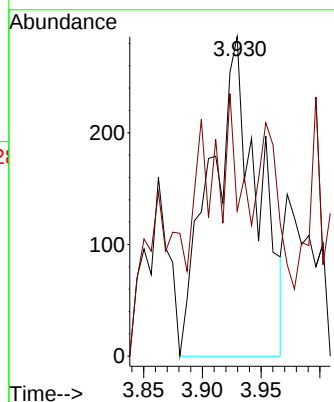
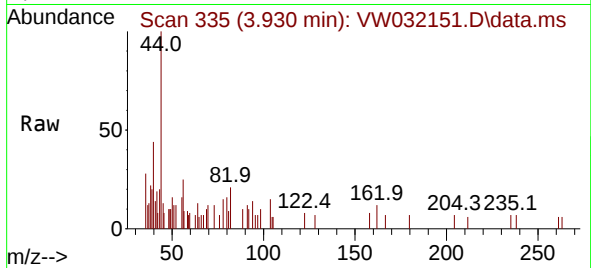




#13
Acrolein
Concen: 2.791 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

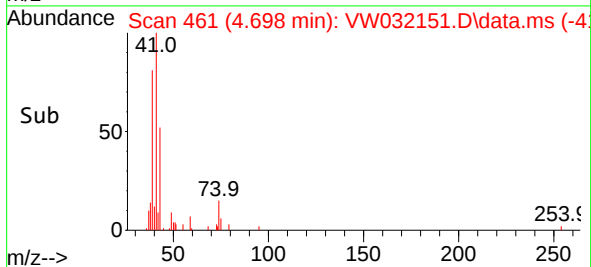
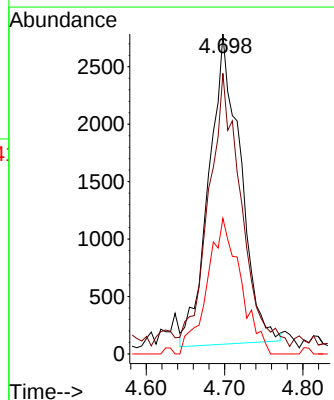
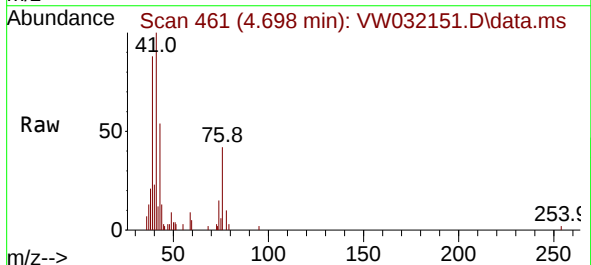
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

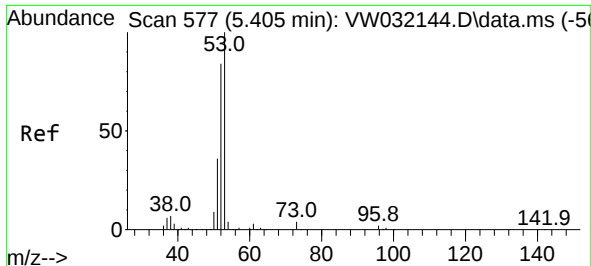
Tgt Ion: 56 Resp: 793
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 2.386 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 41 Resp: 7568
Ion Ratio Lower Upper
41 100
39 90.9 64.1 96.1
76 45.9 31.4 47.2

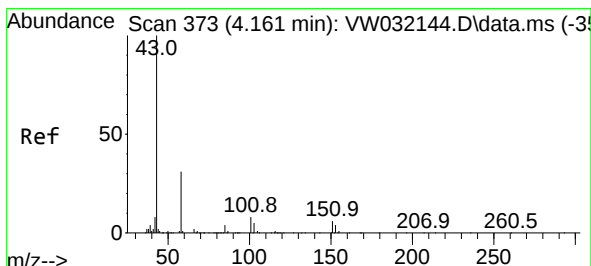
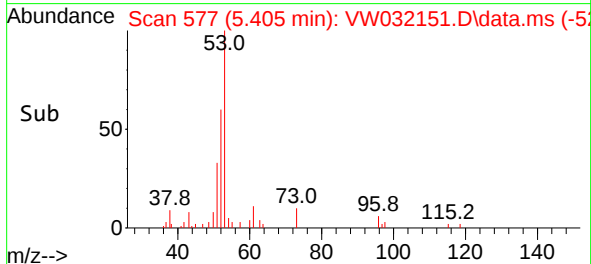
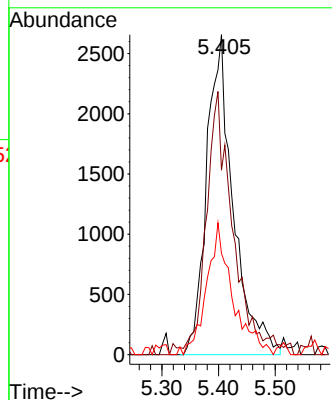
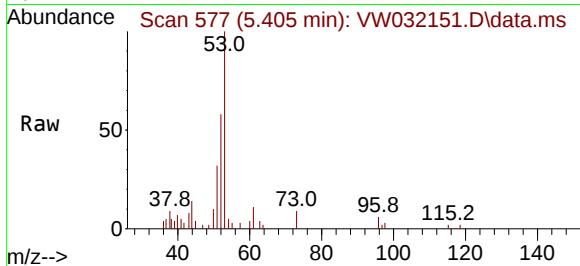




#15
Acrylonitrile
Concen: 12.669 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

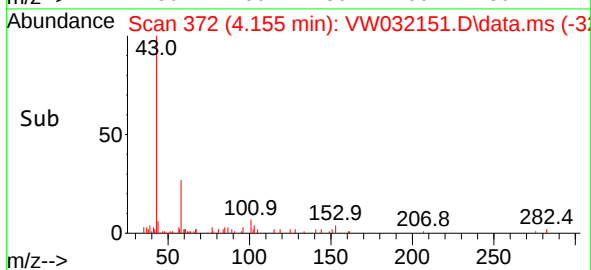
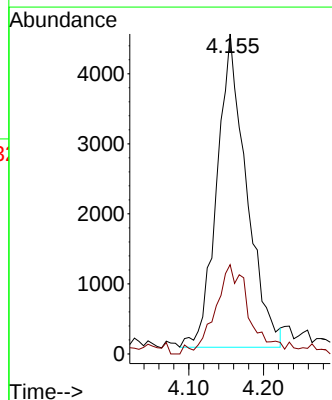
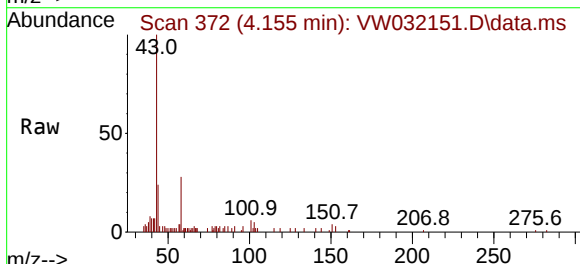
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

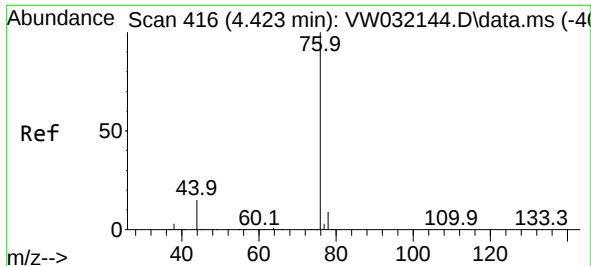
Tgt Ion	Resp	Lower	Upper
53	100		
52	75.7	67.4	101.2
51	40.1	30.3	45.5



#16
Acetone
Concen: 18.829 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion	Resp	Lower	Upper
43	100		
58	28.5	25.3	37.9

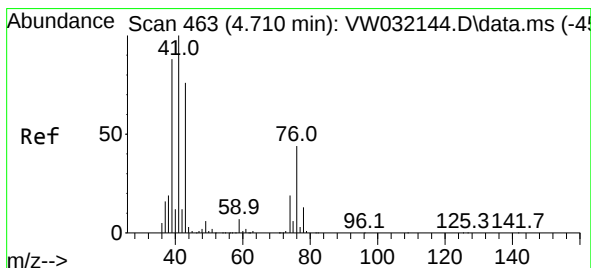
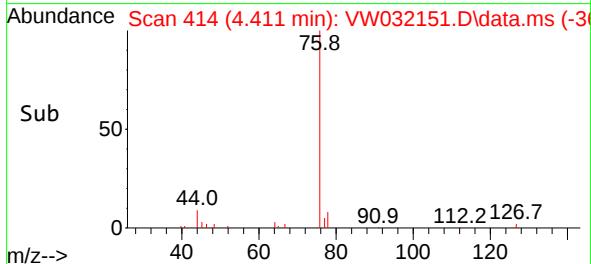
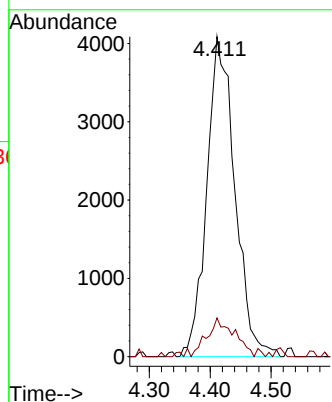
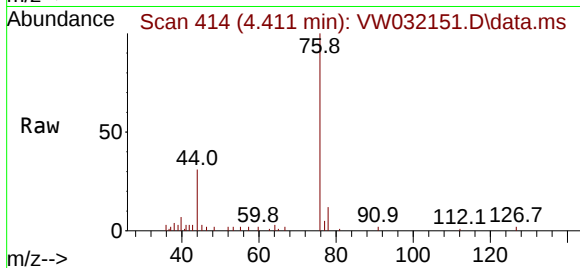




#17
Carbon Disulfide
Concen: 2.349 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

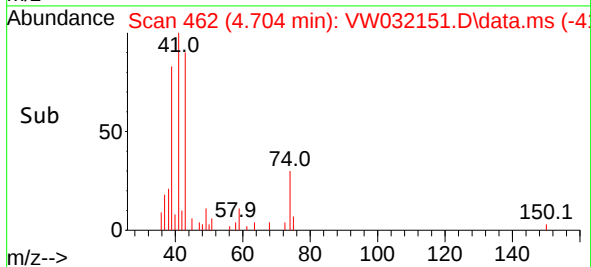
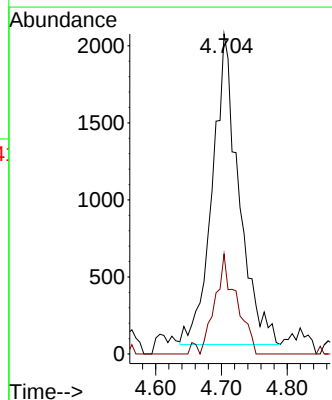
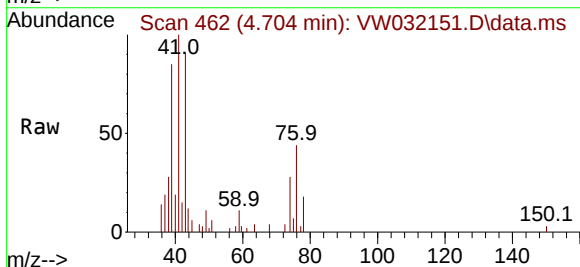
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

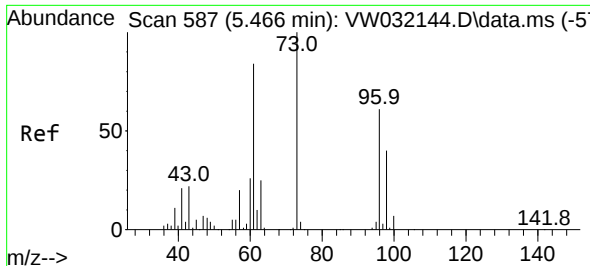
Tgt Ion: 76 Resp: 13121
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#



#18
Methyl Acetate
Concen: 2.715 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 43 Resp: 5661
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.4

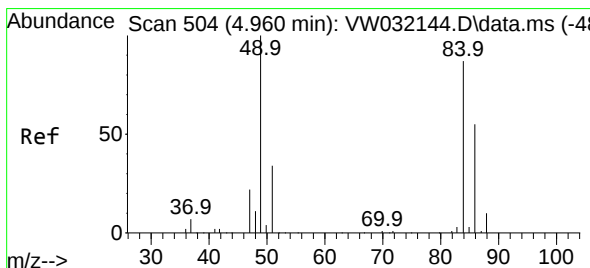
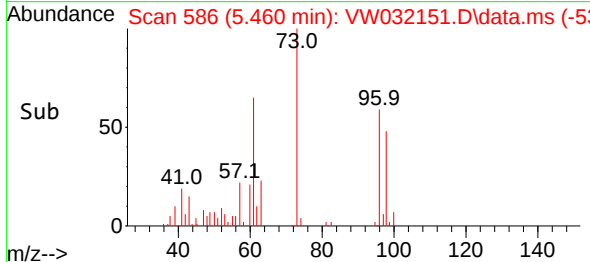
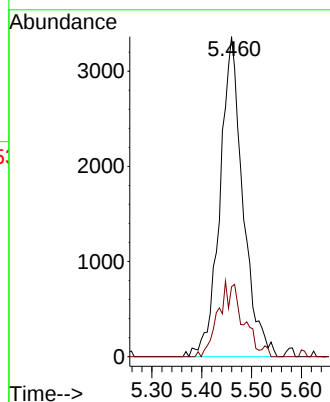
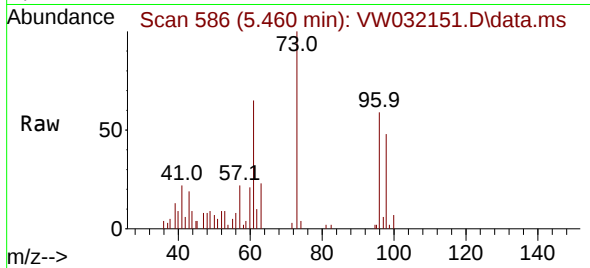




#19
Methyl tert-butyl Ether
Concen: 2.557 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

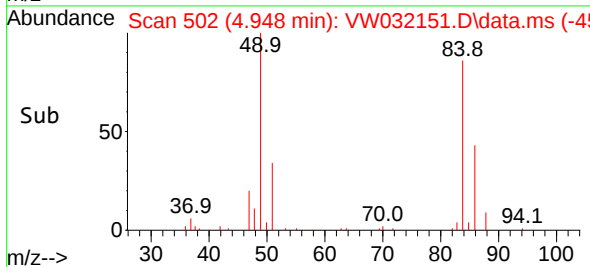
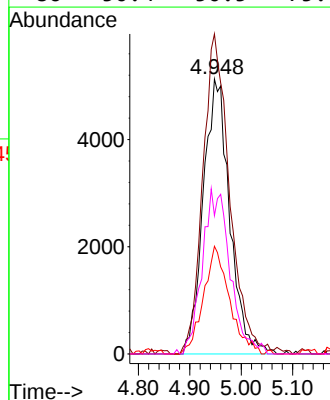
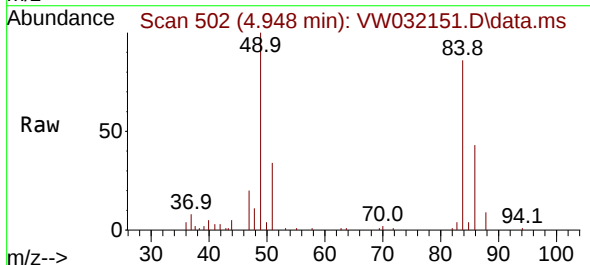
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

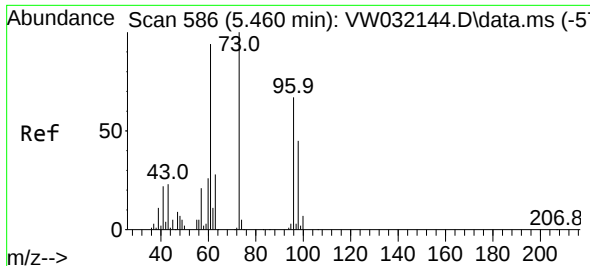
Tgt Ion: 73 Resp: 10783
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.4



#20
Methylene Chloride
Concen: 5.967 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 84 Resp: 18280
Ion Ratio Lower Upper
84 100
49 116.4 92.2 138.4
51 39.2 31.0 46.6
86 50.4 50.5 75.7#

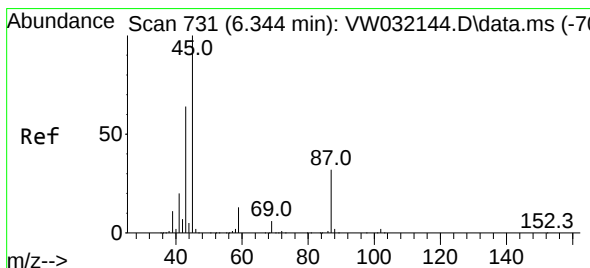
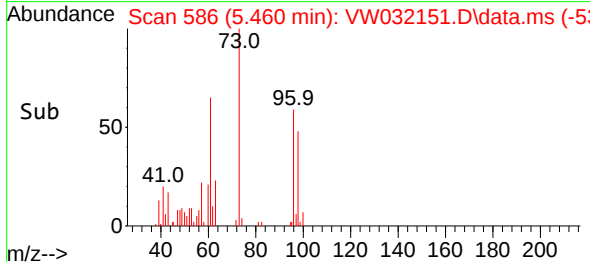
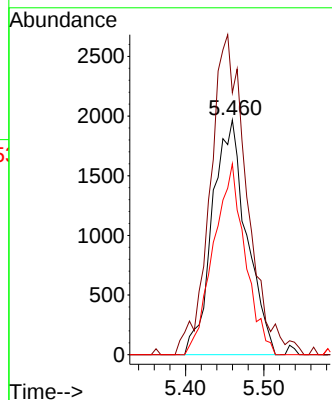
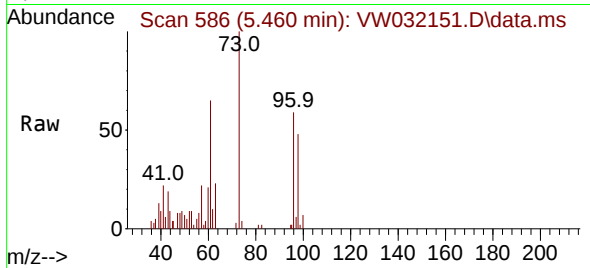




#21
trans-1,2-Dichloroethene
Concen: 2.397 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

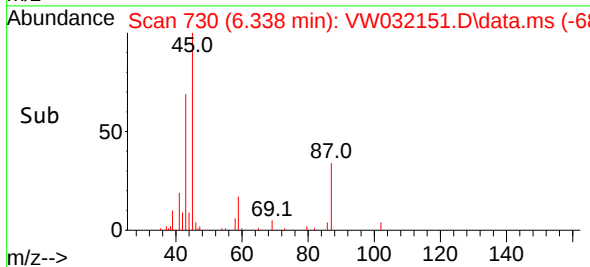
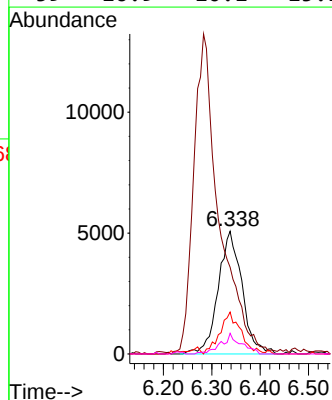
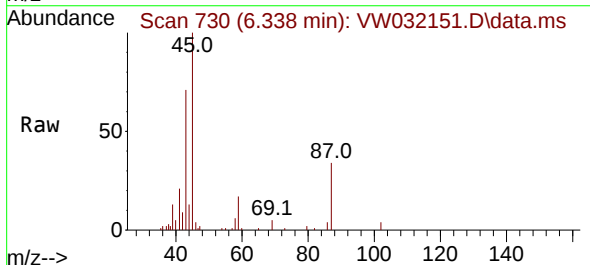
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

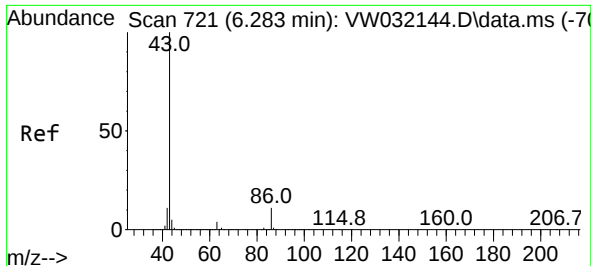
Tgt Ion: 96 Resp: 5980
Ion Ratio Lower Upper
96 100
61 105.4 112.5 168.7#
98 81.3 54.2 81.4



#22
Diisopropyl ether
Concen: 2.521 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 45 Resp: 17403
Ion Ratio Lower Upper
45 100
43 67.0 51.4 77.2
87 34.2 25.9 38.9
59 16.9 10.1 15.1#

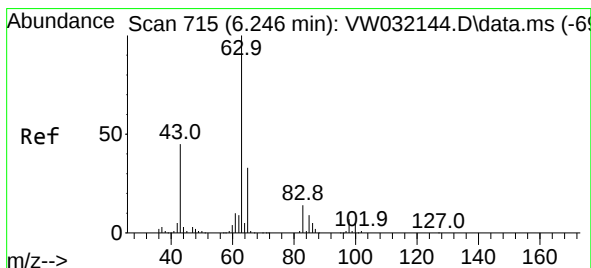
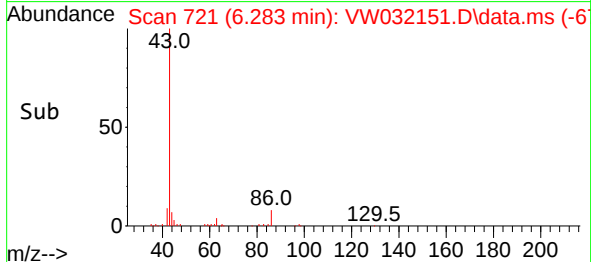
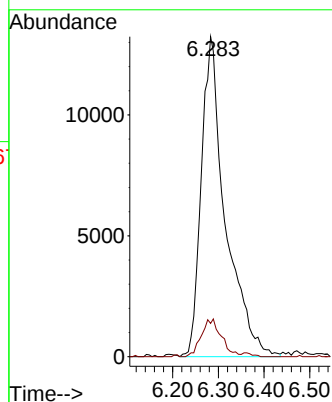
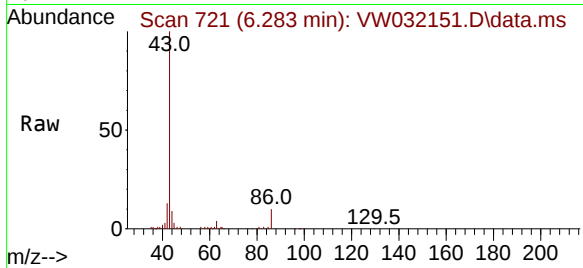




#23
 Vinyl Acetate
 Concen: 10.311 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

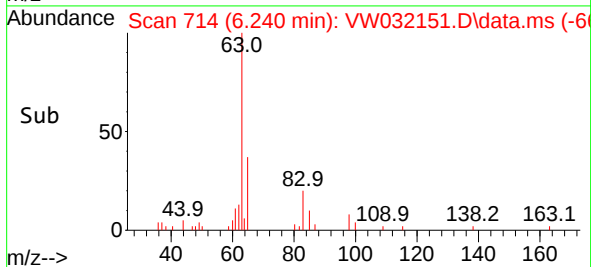
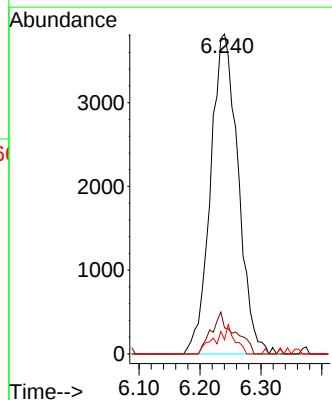
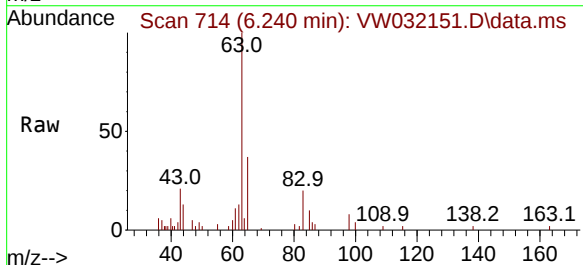
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBSD01

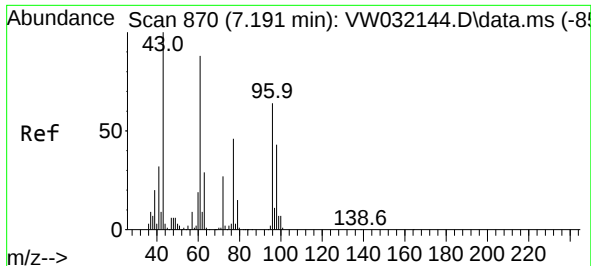
Tgt Ion: 43 Resp: 48403
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 2.659 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

Tgt Ion: 63 Resp: 12018
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 4.4 2.5 7.5

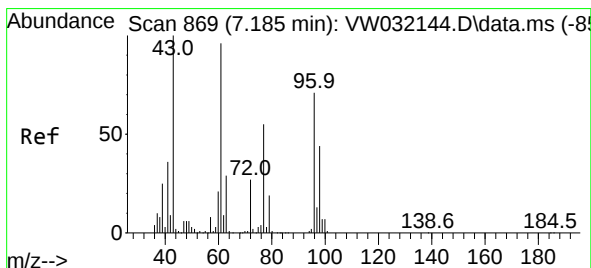
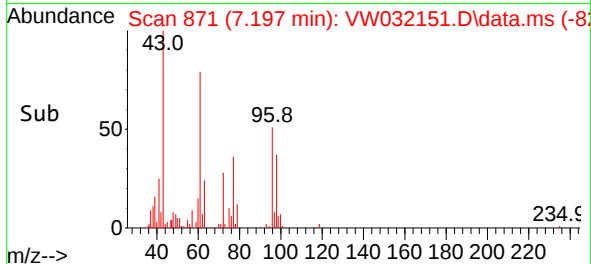
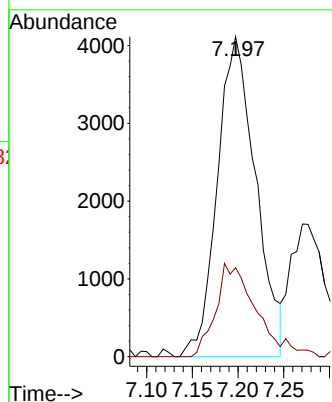
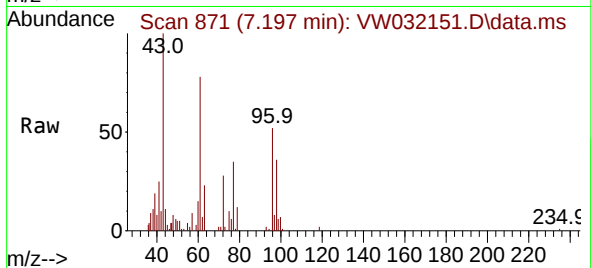




#25
2-Butanone
Concen: 12.950 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

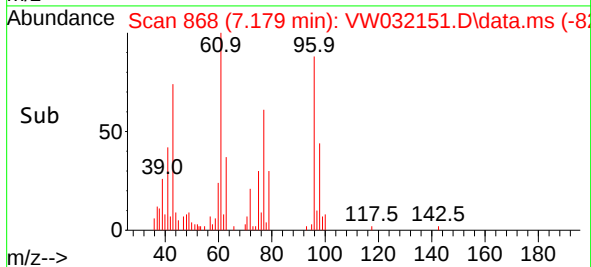
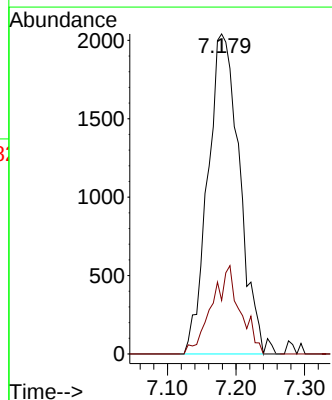
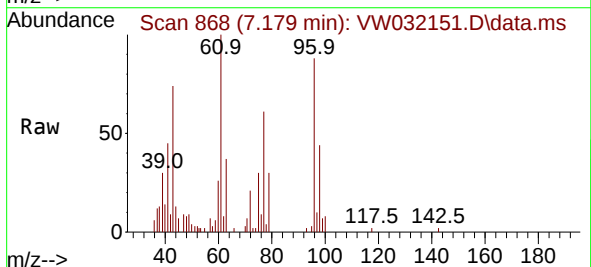
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

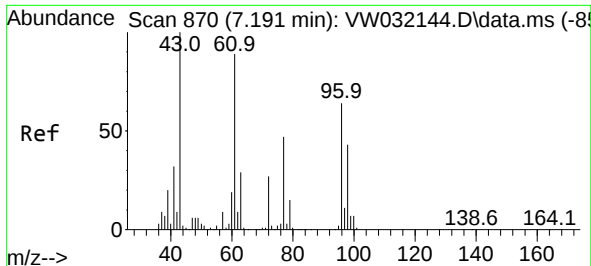
Tgt Ion: 43 Resp: 12010
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 2.746 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 77 Resp: 6574
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.495 ug/l

RT: 7.179 min Scan# 8

Delta R.T. -0.012 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

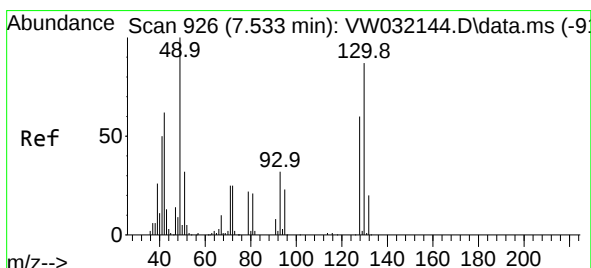
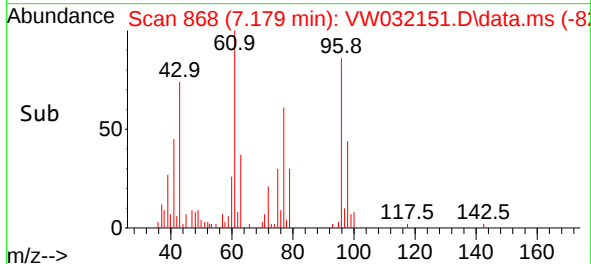
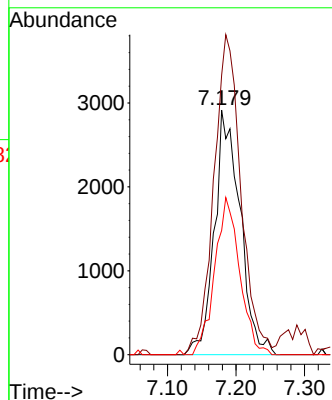
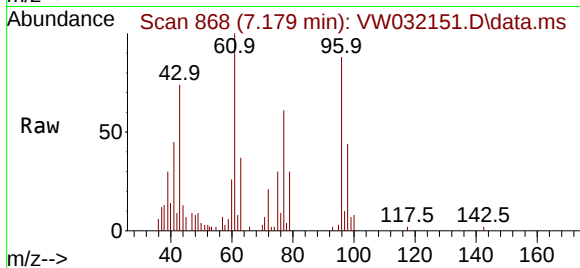
Tgt Ion: 96 Resp: 7574

Ion Ratio Lower Upper

96 100

61 138.1 0.0 268.0

98 62.7 0.0 130.8



#28

Bromochloromethane

Concen: 2.730 ug/l

RT: 7.520 min Scan# 924

Delta R.T. -0.012 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

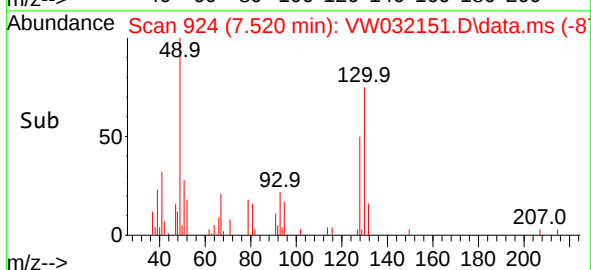
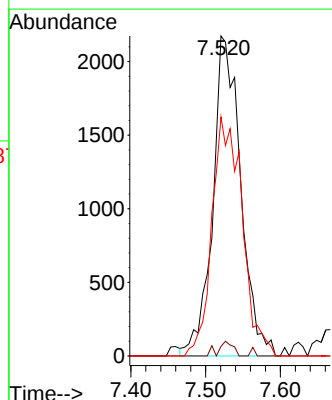
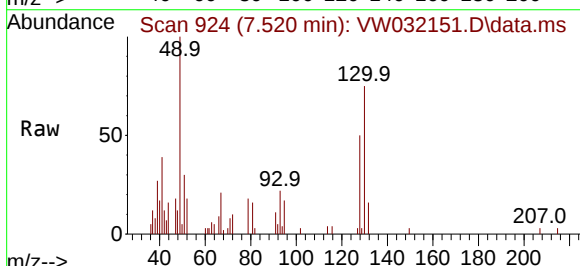
Tgt Ion: 49 Resp: 5648

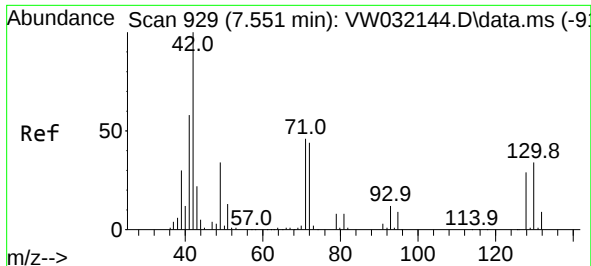
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 80.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 12.113 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

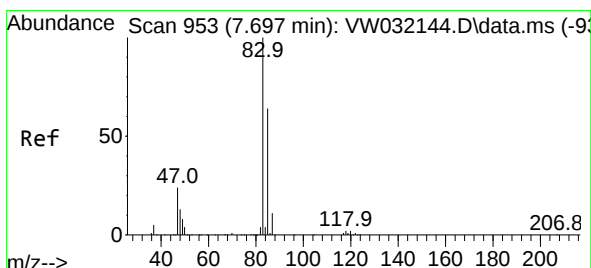
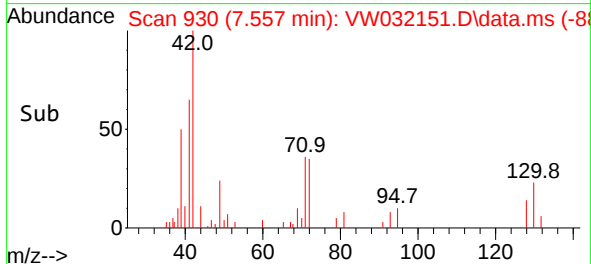
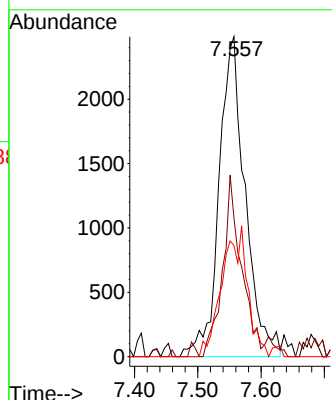
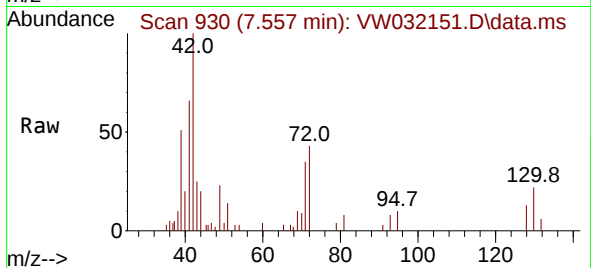
Tgt Ion: 42 Resp: 7139

Ion Ratio Lower Upper

42 100

72 41.0 37.4 56.2

71 39.5 36.0 54.0



#30

Chloroform

Concen: 2.648 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032151.D

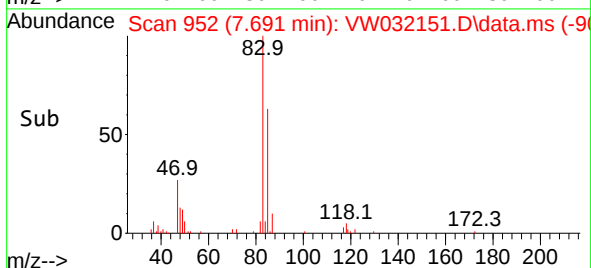
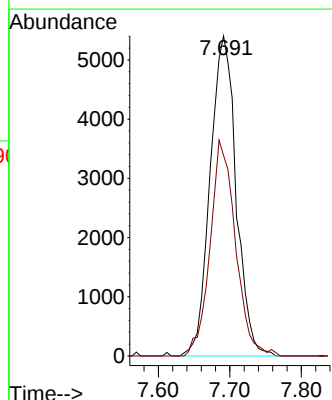
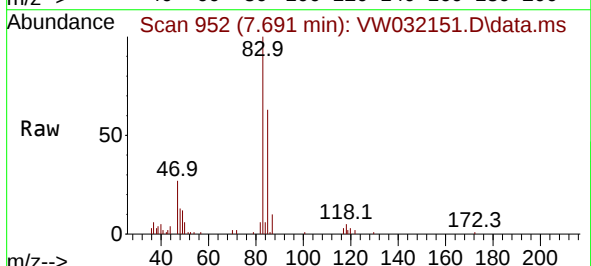
Acq: 28 Aug 2025 12:14

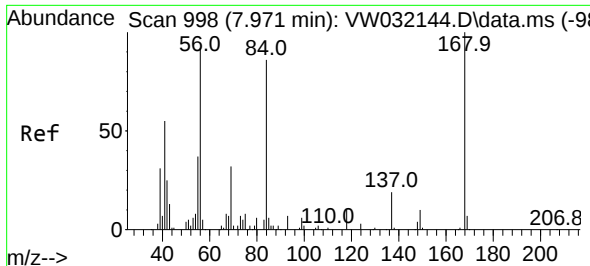
Tgt Ion: 83 Resp: 13667

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

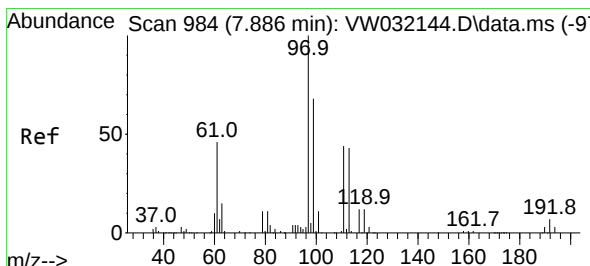
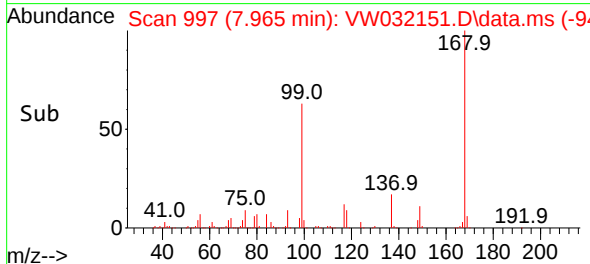
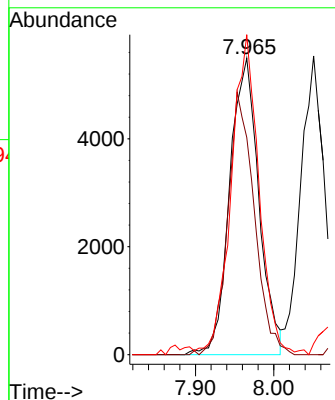
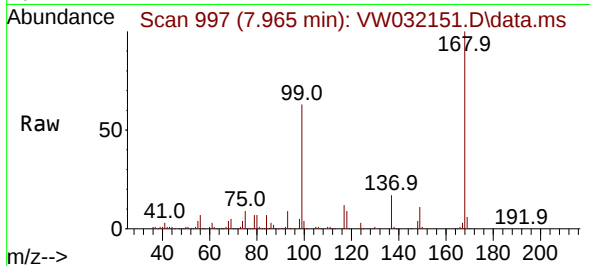




#31
Cyclohexane
Concen: 3.826 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

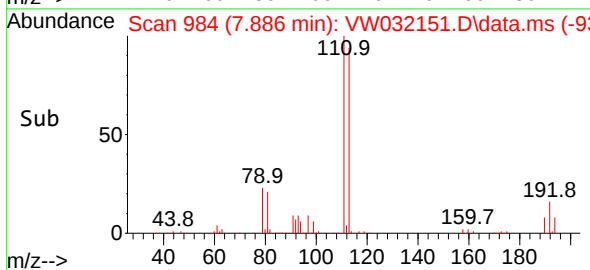
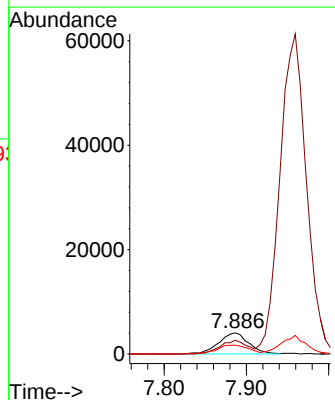
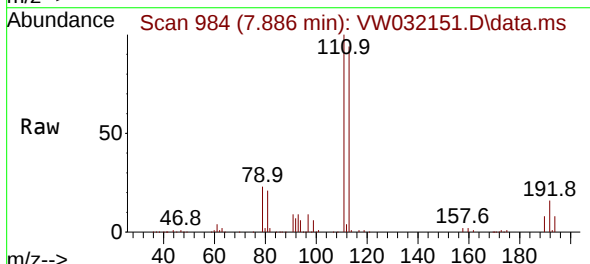
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

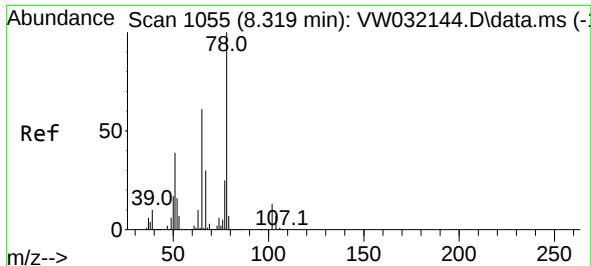
Tgt Ion: 56 Resp: 14196
Ion Ratio Lower Upper
56 100
69 71.7 27.7 41.5#
84 106.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 2.711 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 97 Resp: 10214
Ion Ratio Lower Upper
97 100
99 59.2 50.9 76.3
61 44.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.778 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

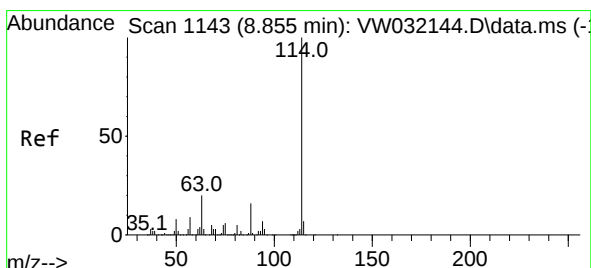
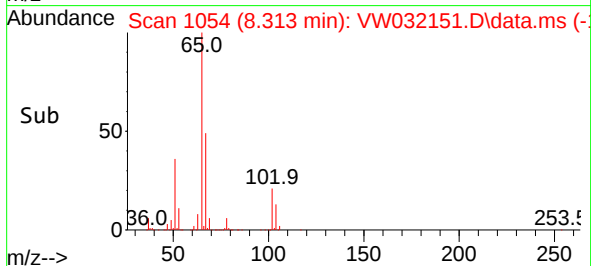
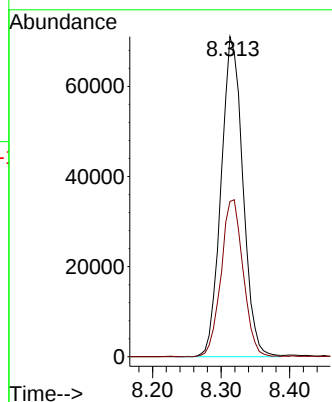
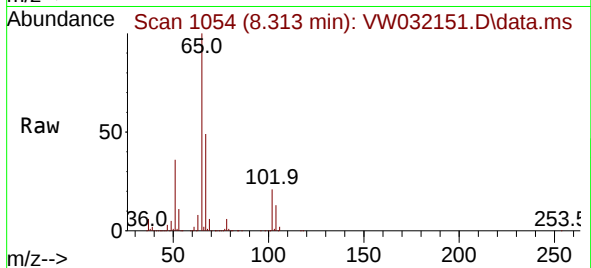
VW0828SBS01

Tgt Ion: 65 Resp: 156476

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.843 min Scan# 1141

Delta R.T. -0.012 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

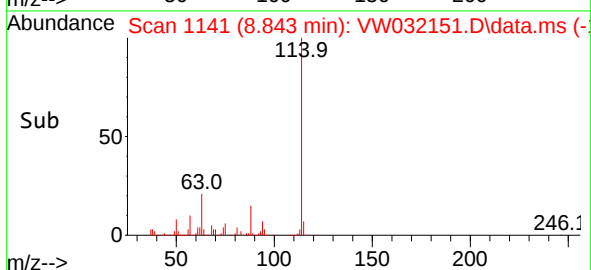
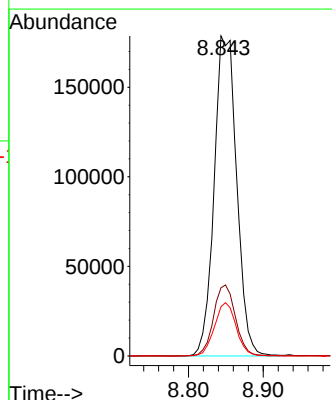
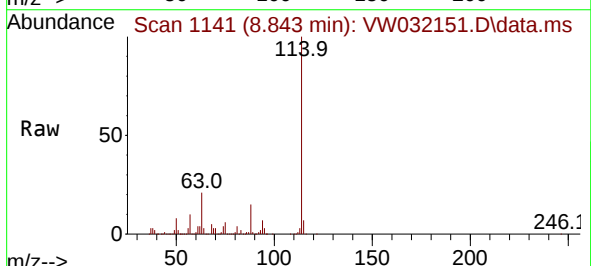
Tgt Ion: 114 Resp: 374779

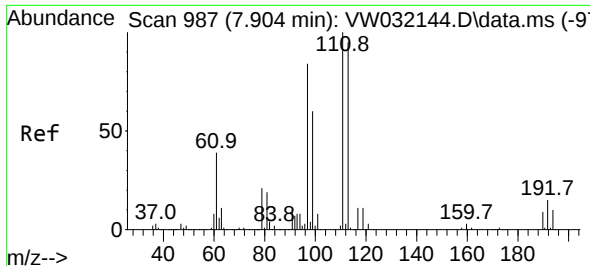
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

88 15.4 0.0 32.0

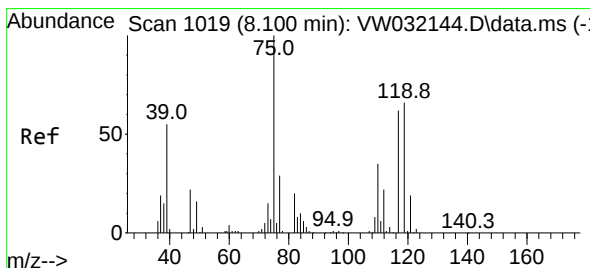
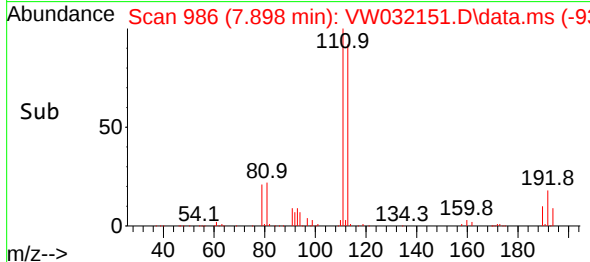
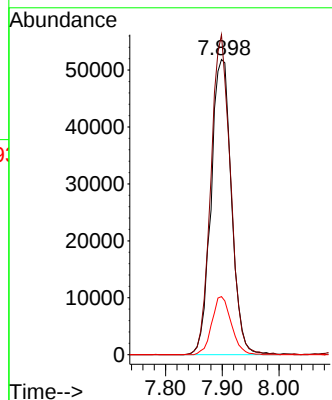
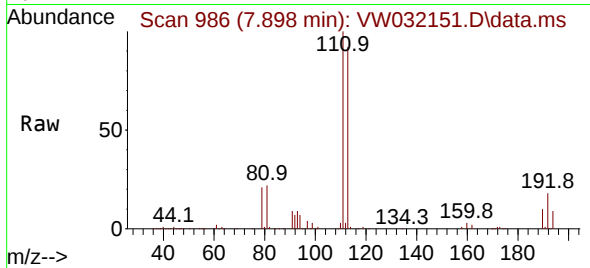




#35
Dibromofluoromethane
Concen: 49.320 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

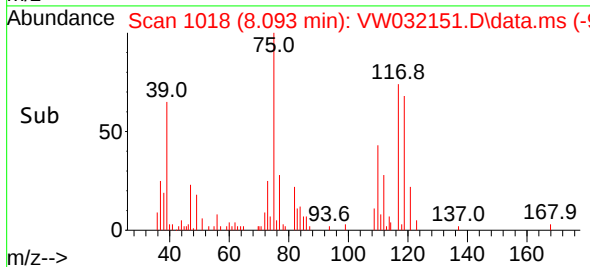
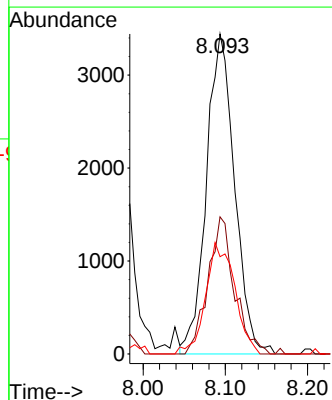
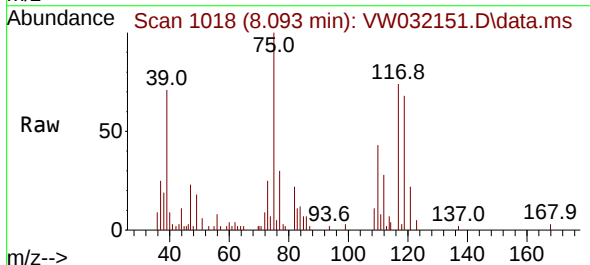
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

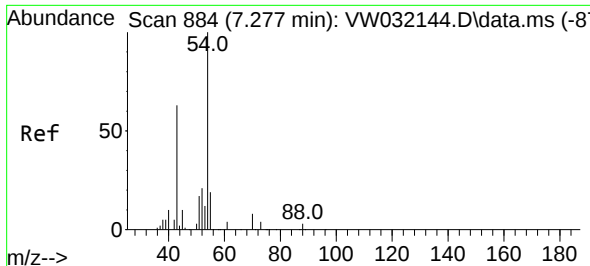
Tgt Ion:113 Resp: 129684
Ion Ratio Lower Upper
113 100
111 104.4 83.9 125.9
192 18.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 2.406 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 75 Resp: 8202
Ion Ratio Lower Upper
75 100
110 40.2 17.5 52.5
77 35.9 24.1 36.1

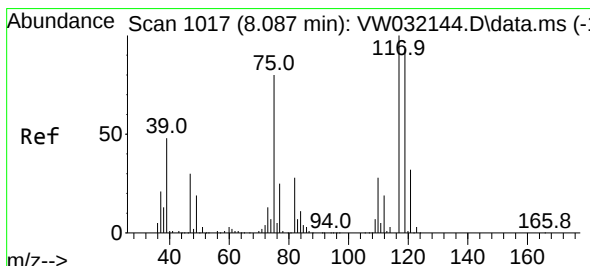
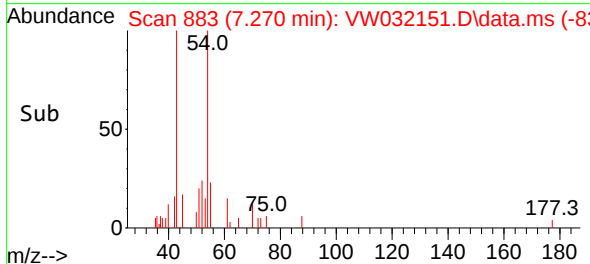
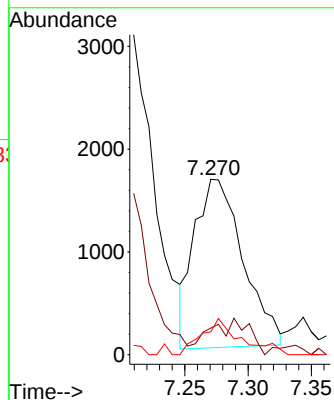
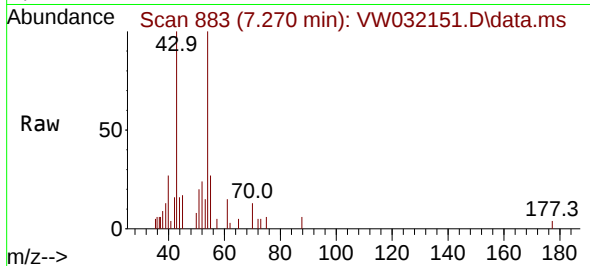




#37
Ethyl Acetate
Concen: 2.147 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

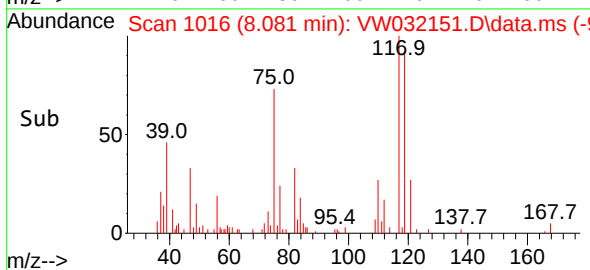
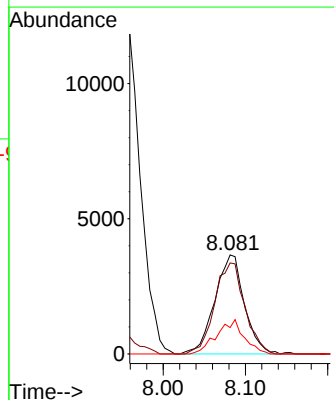
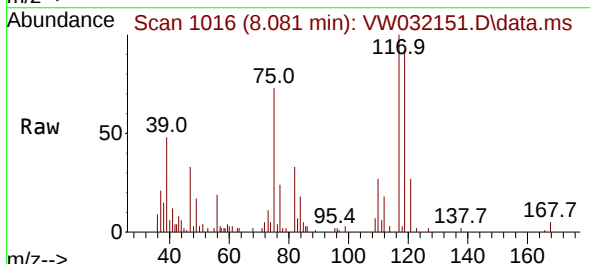
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

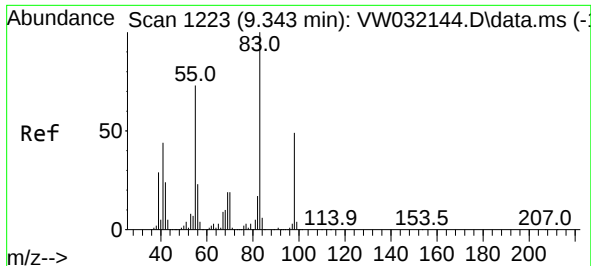
Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
61 8.9 11.3 16.9#
70 17.1 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 2.503 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 117 Resp: 9148
Ion Ratio Lower Upper
117 100
119 91.9 74.2 111.2
121 26.7 25.6 38.4





#39

Methylcyclohexane

Concen: 2.516 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

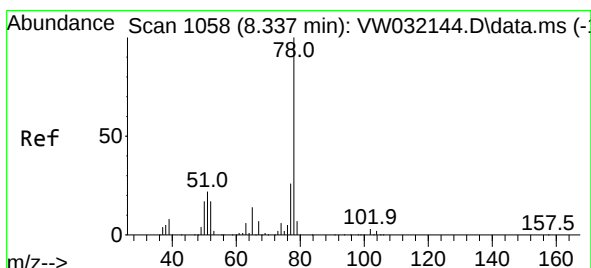
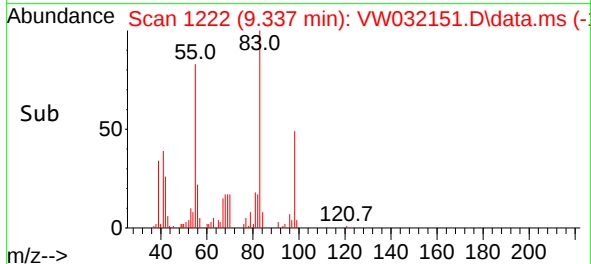
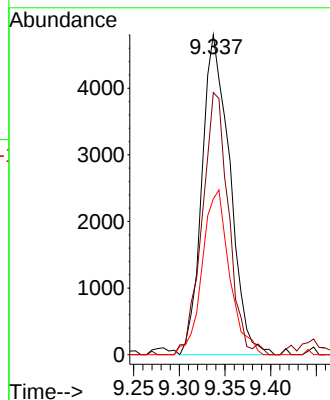
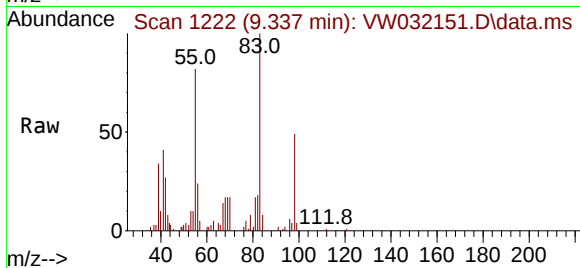
Tgt Ion: 83 Resp: 10158

Ion Ratio Lower Upper

83 100

55 81.9 58.4 87.6

98 48.7 39.4 59.2



#40

Benzene

Concen: 2.468 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032151.D

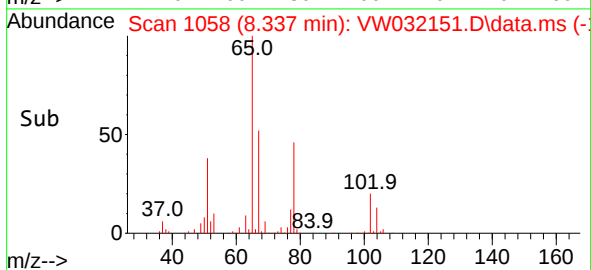
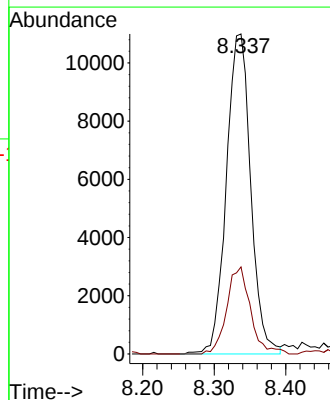
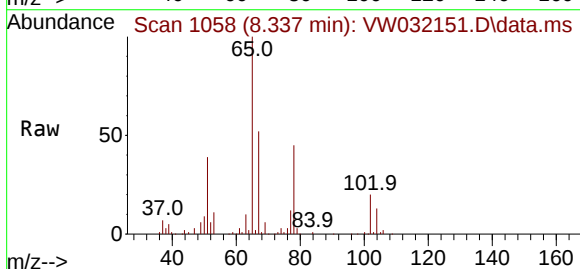
Acq: 28 Aug 2025 12:14

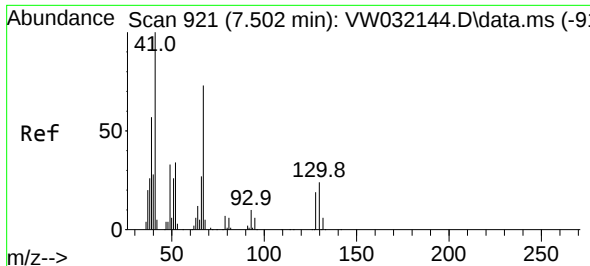
Tgt Ion: 78 Resp: 26009

Ion Ratio Lower Upper

78 100

77 27.2 20.7 31.1

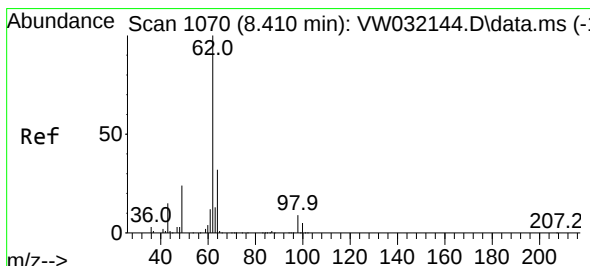
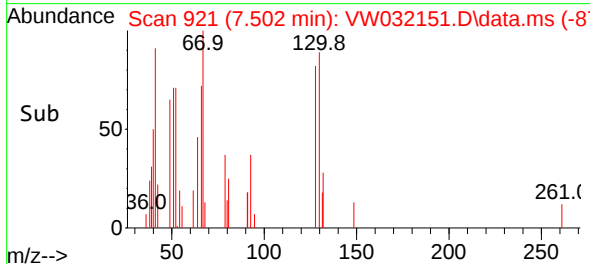
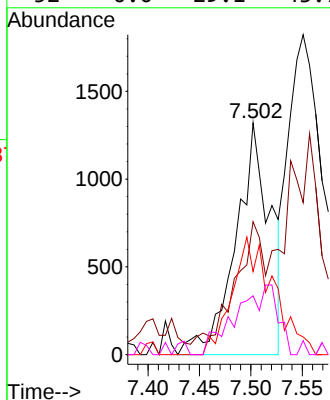
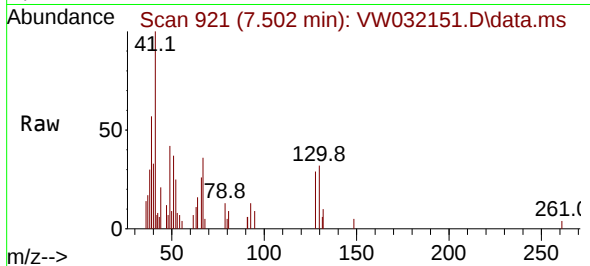




#41
Methacrylonitrile
Concen: 2.695 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

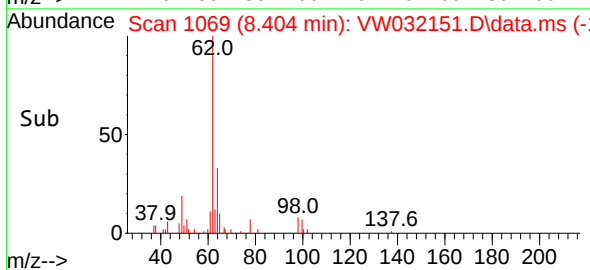
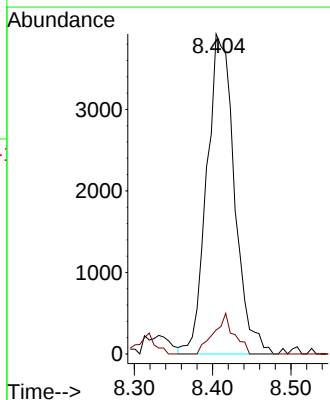
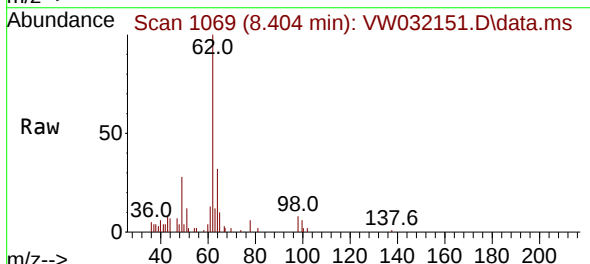
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

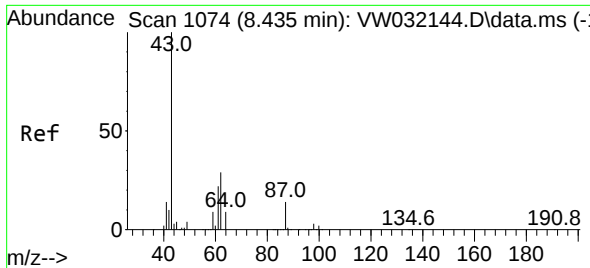
Tgt Ion:	41	Resp:	3062
Ion	Ratio	Lower	Upper
41	100		
39	42.6	50.9	76.3#
67	61.3	65.6	98.4#
52	0.0	29.1	43.7#



#42
1,2-Dichloroethane
Concen: 2.631 ug/l
RT: 8.404 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion:	62	Resp:	9611
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

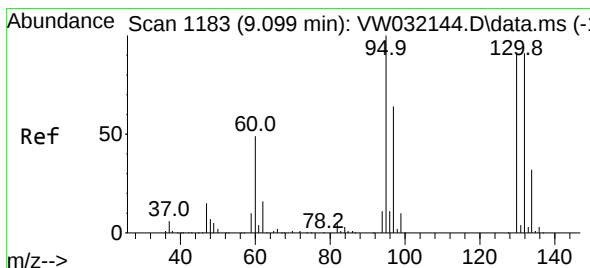
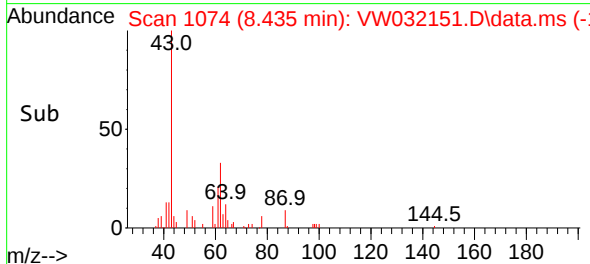
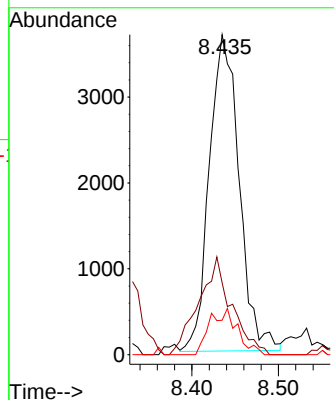
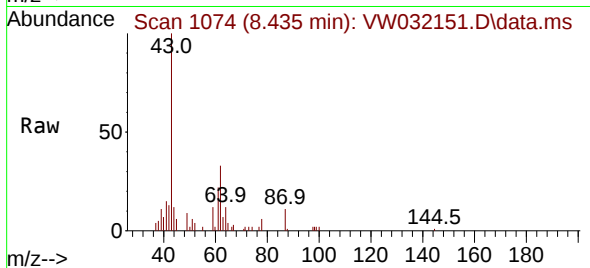




#43
Isopropyl Acetate
Concen: 2.298 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

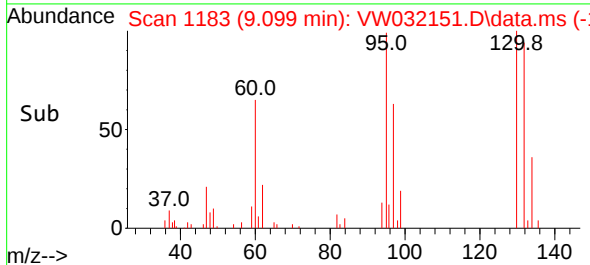
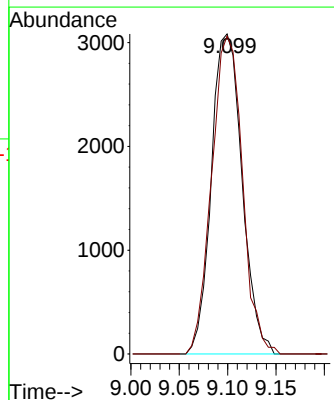
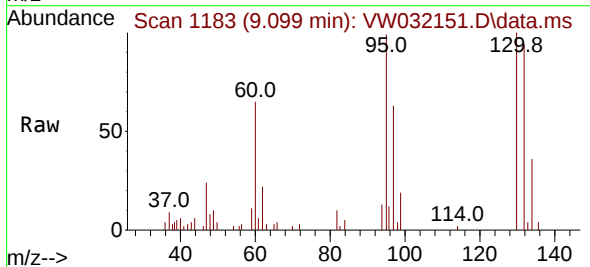
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

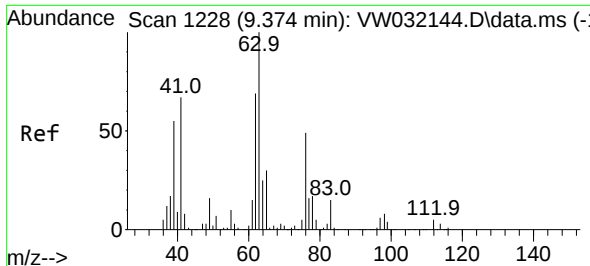
Tgt Ion: 43 Resp: 8816
Ion Ratio Lower Upper
43 100
61 34.1 23.3 34.9
87 7.0 11.1 16.7#



#44
Trichloroethene
Concen: 2.567 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion:130 Resp: 6803
Ion Ratio Lower Upper
130 100
95 99.4 0.0 220.0





#45

1,2-Dichloropropane

Concen: 2.509 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

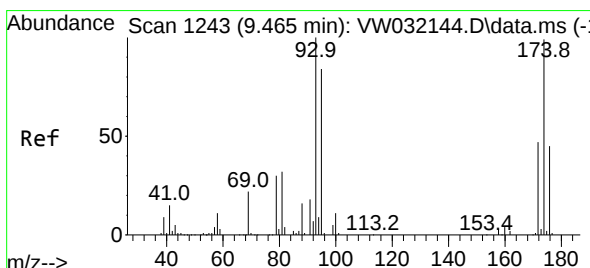
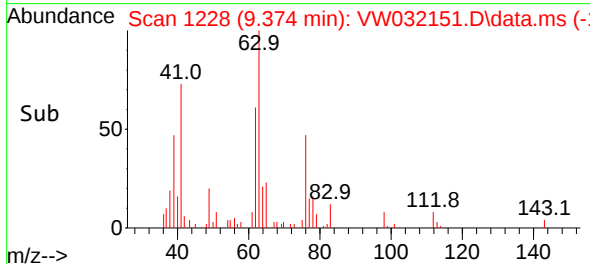
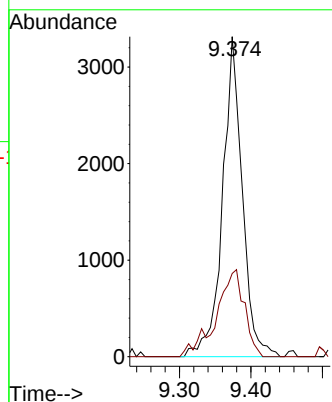
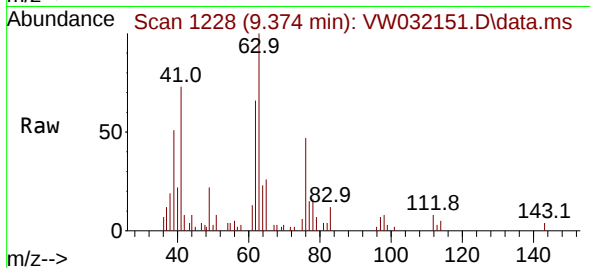
VW0828SBSD01

Tgt Ion: 63 Resp: 6373

Ion Ratio Lower Upper

63 100

65 26.0 24.3 36.5



#46

Dibromomethane

Concen: 2.520 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

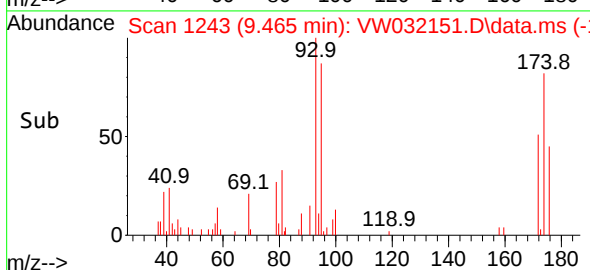
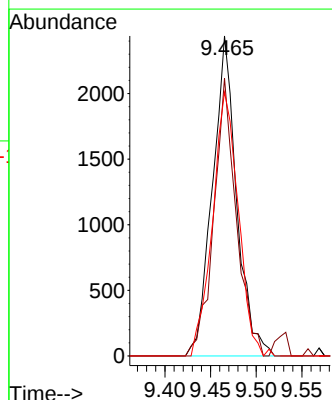
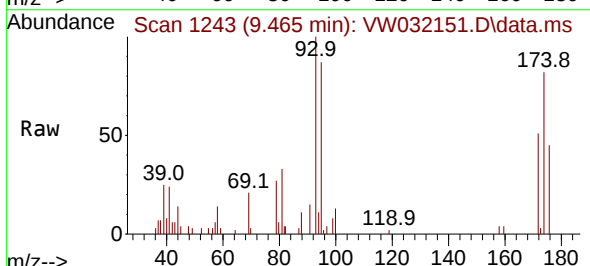
Tgt Ion: 93 Resp: 4490

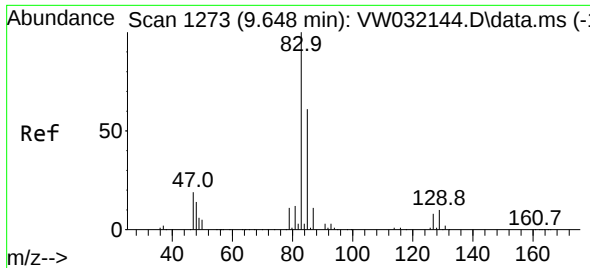
Ion Ratio Lower Upper

93 100

95 80.8 67.4 101.2

174 87.6 75.7 113.5

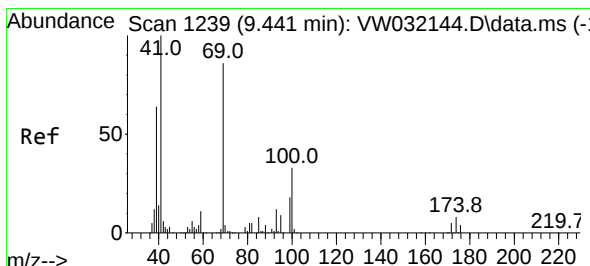
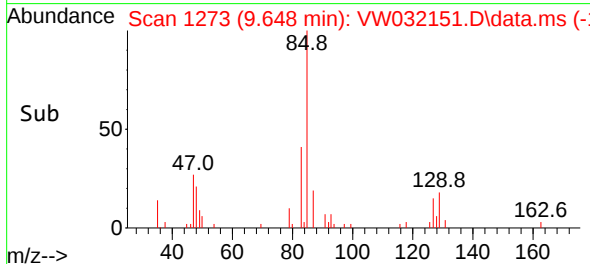
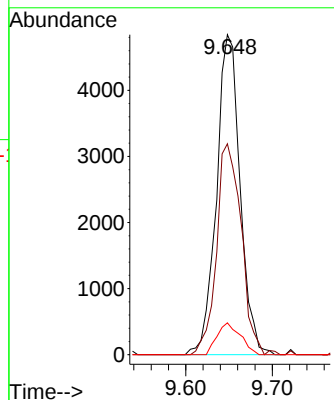
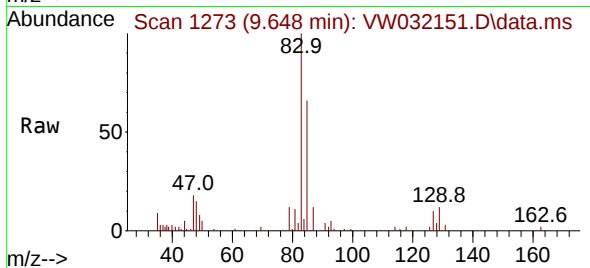




#47
Bromodichloromethane
Concen: 2.263 ug/l
RT: 9.648 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

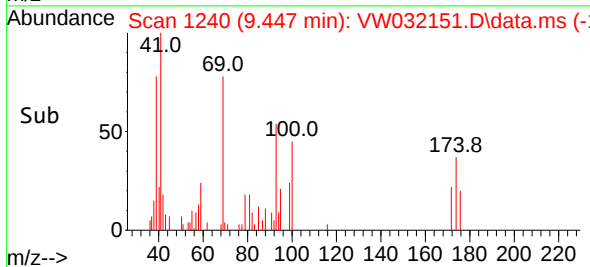
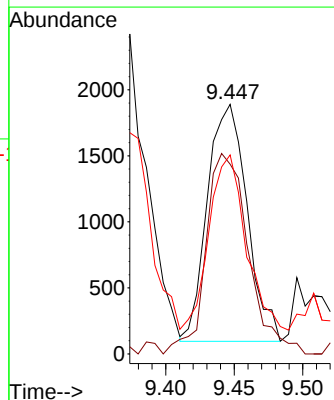
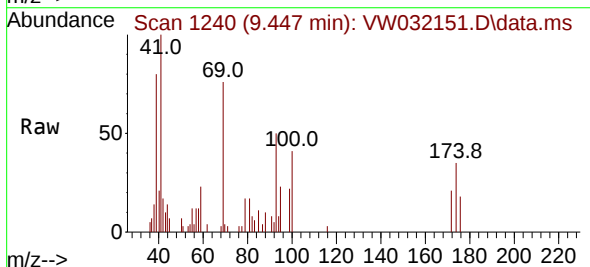
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

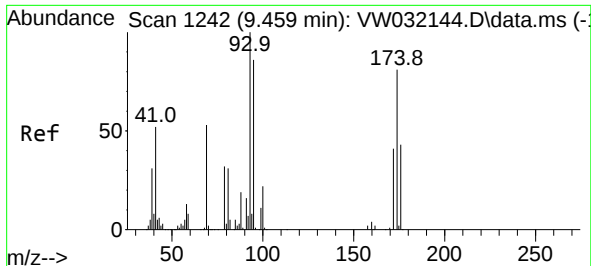
Tgt Ion: 83 Resp: 9164
Ion Ratio Lower Upper
83 100
85 65.9 48.7 73.1
127 10.0 6.4 9.6#



#48
Methyl methacrylate
Concen: 2.043 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

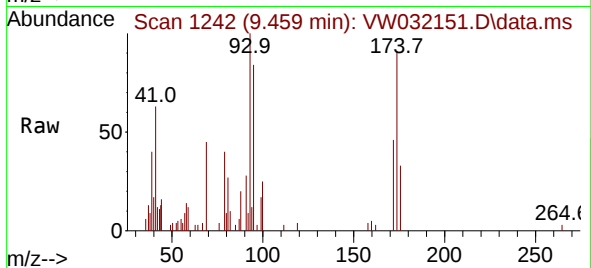
Tgt Ion: 41 Resp: 3612
Ion Ratio Lower Upper
41 100
69 90.6 71.5 107.3
39 69.8 55.9 83.9



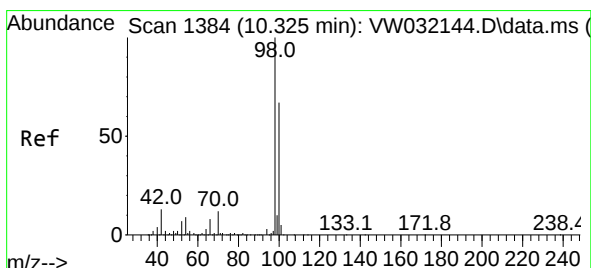
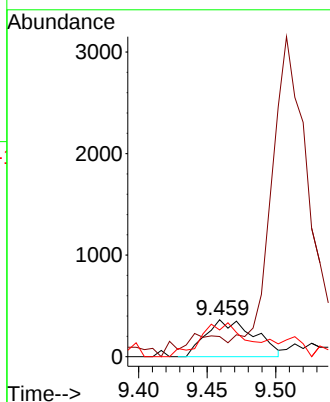
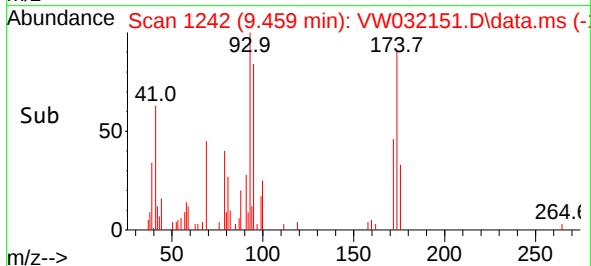


#49
1,4-Dioxane
Concen: 41.340 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

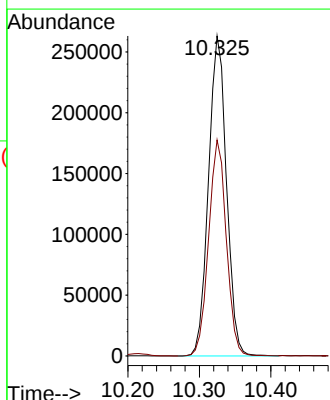
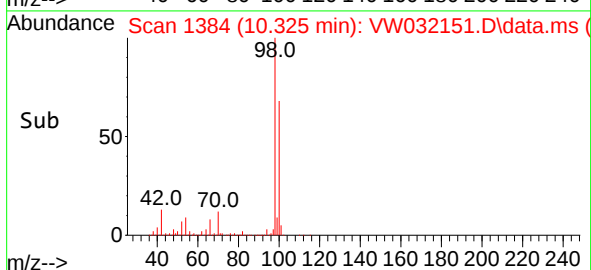
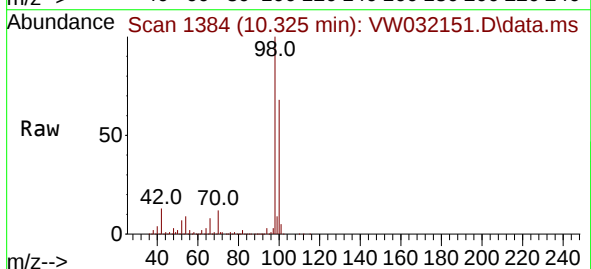


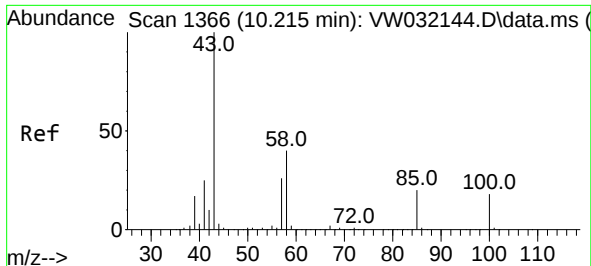
Tgt Ion: 88 Resp: 890
Ion Ratio Lower Upper
88 100
43 0.0 18.0 27.0#
58 84.4 55.4 83.0#



#50
Toluene-d8
Concen: 49.859 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 98 Resp: 460231
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.2

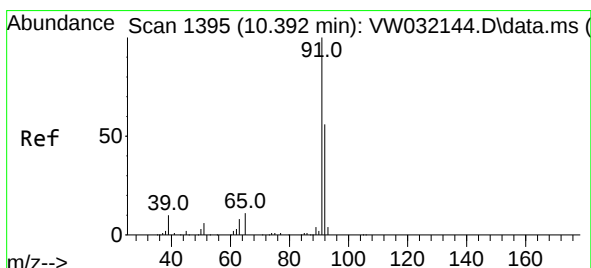
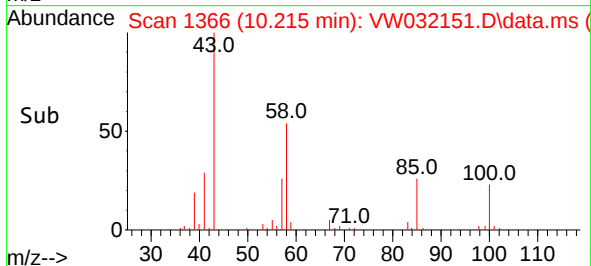
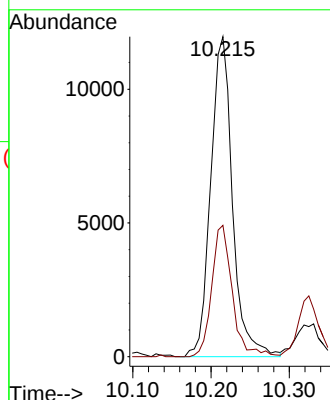
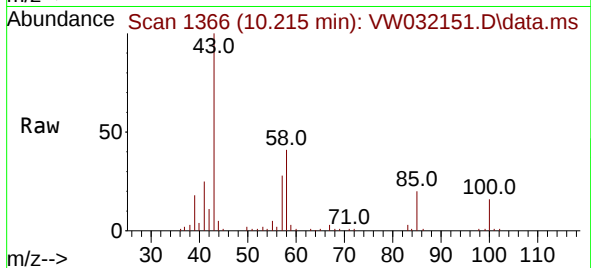




#51
4-Methyl-2-Pentanone
Concen: 10.679 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

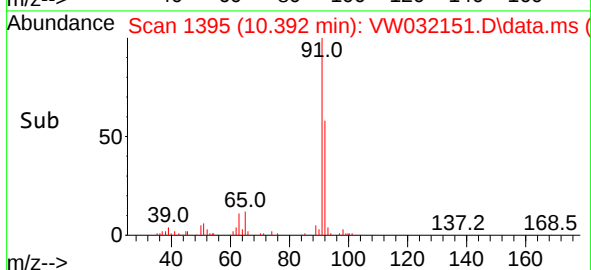
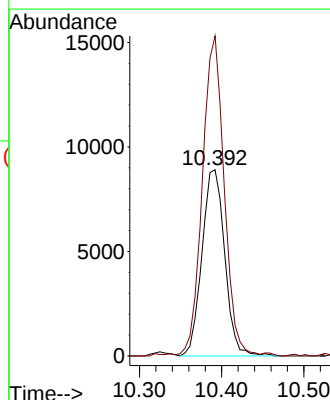
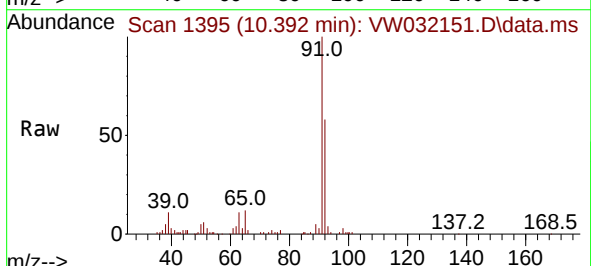
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS01

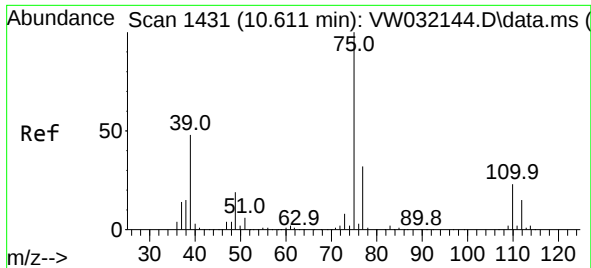
Tgt Ion: 43 Resp: 23136
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 2.488 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 92 Resp: 17133
Ion Ratio Lower Upper
92 100
91 162.1 137.5 206.3

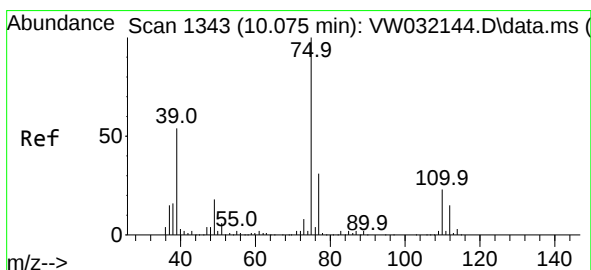
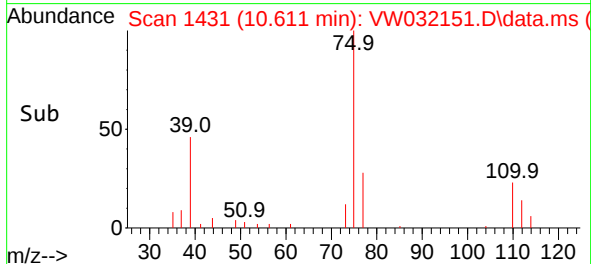
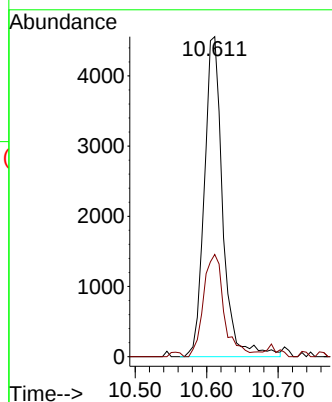
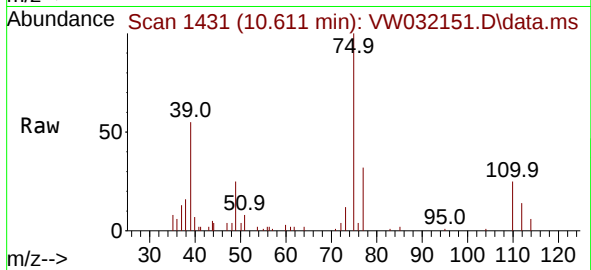




#53
t-1,3-Dichloropropene
Concen: 2.279 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

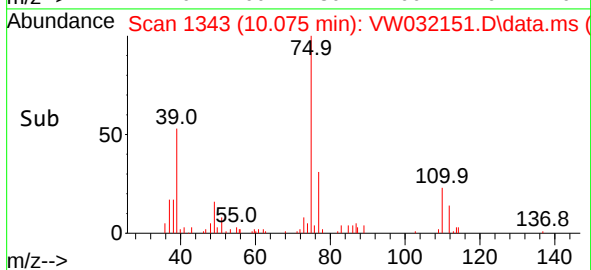
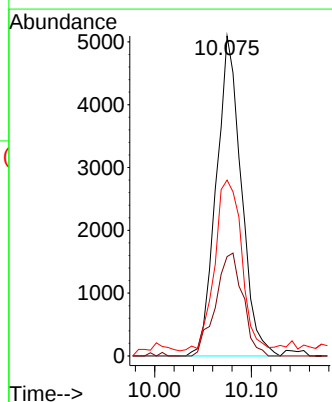
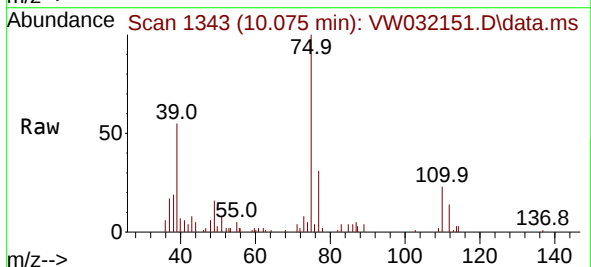
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

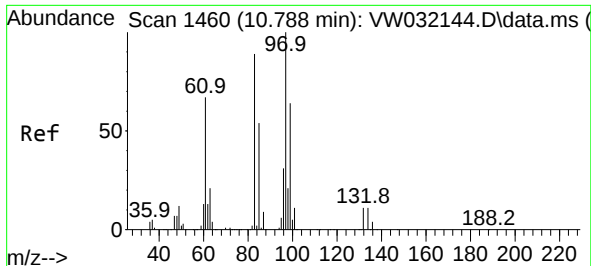
Tgt Ion: 75 Resp: 8142
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 2.242 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 75 Resp: 9140
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7
39 53.4 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 2.523 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

Tgt Ion: 97 Resp: 5846

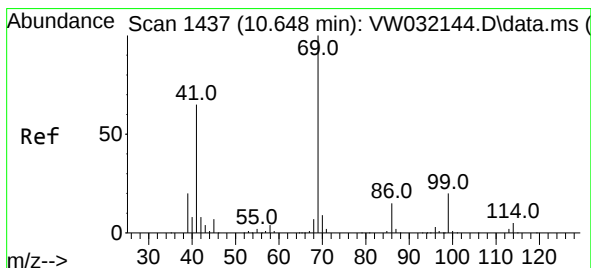
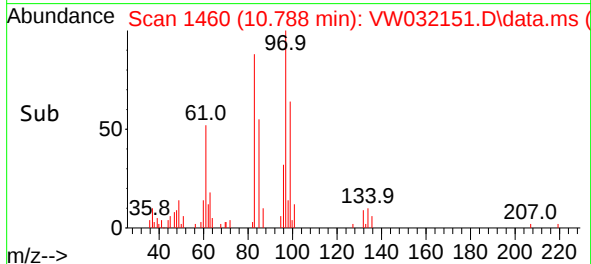
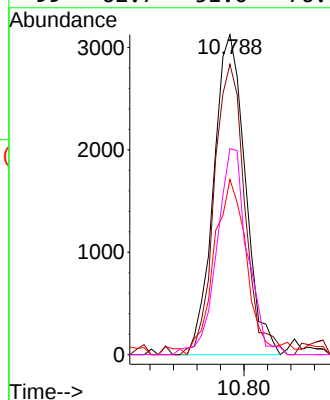
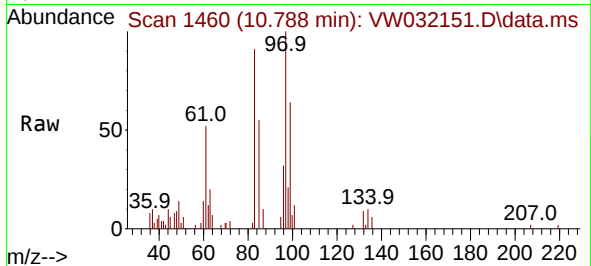
Ion Ratio Lower Upper

97 100

83 90.8 71.0 106.6

85 52.9 42.8 64.2

99 62.7 51.0 76.6



#56

Ethyl methacrylate

Concen: 2.084 ug/l

RT: 10.654 min Scan# 1438

Delta R.T. 0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

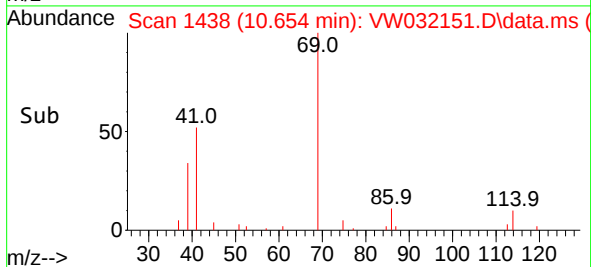
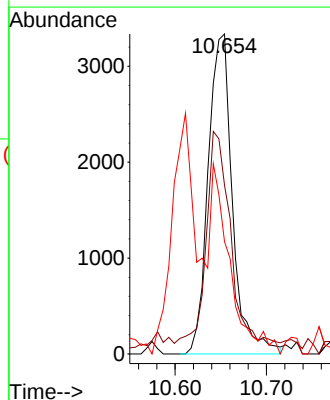
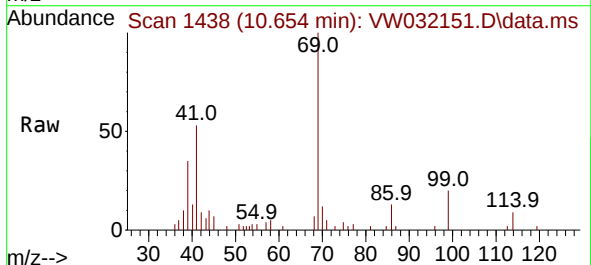
Tgt Ion: 69 Resp: 6172

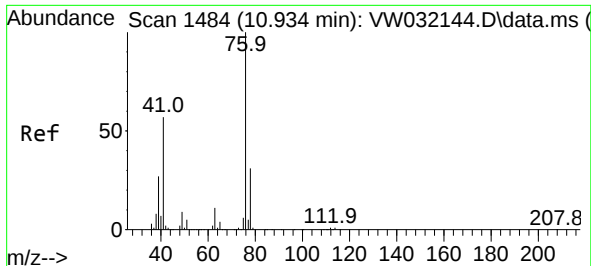
Ion Ratio Lower Upper

69 100

41 65.2 53.2 79.8

39 39.2 32.9 49.3





#57

1,3-Dichloropropane

Concen: 2.402 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

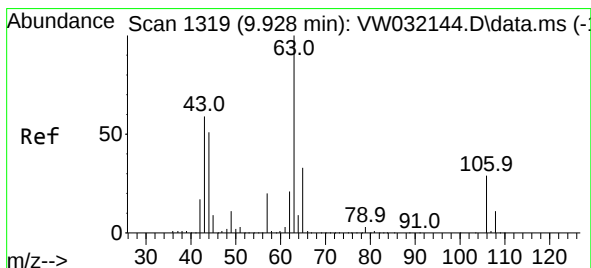
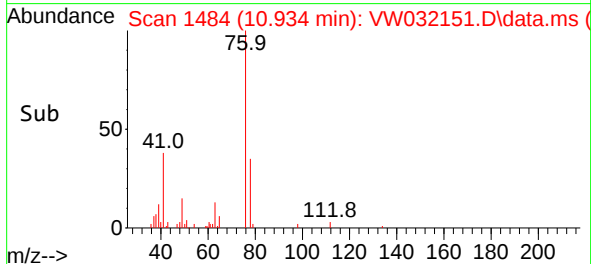
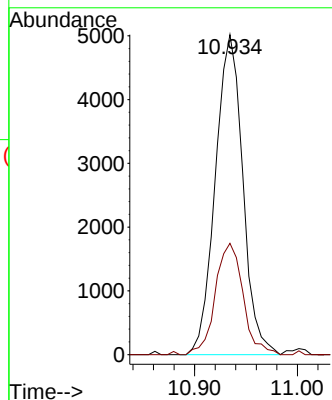
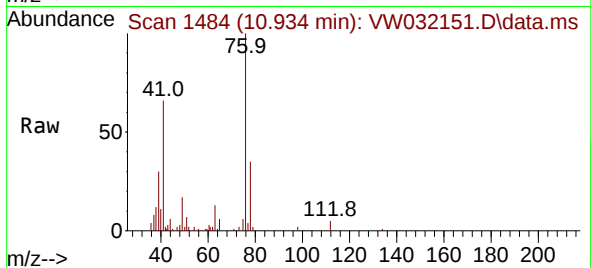
VW0828SBSD01

Tgt Ion: 76 Resp: 9319

Ion Ratio Lower Upper

76 100

78 35.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.509 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032151.D

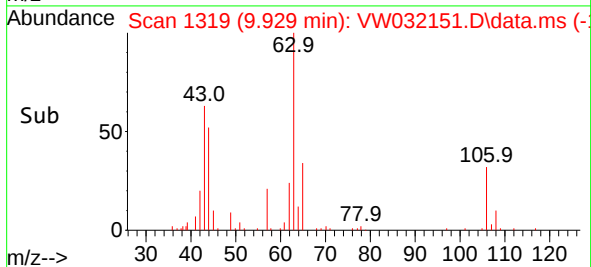
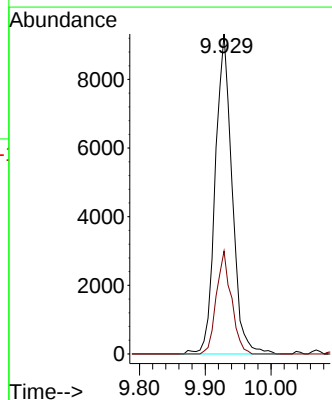
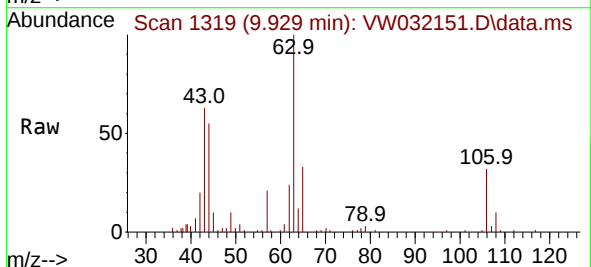
Acq: 28 Aug 2025 12:14

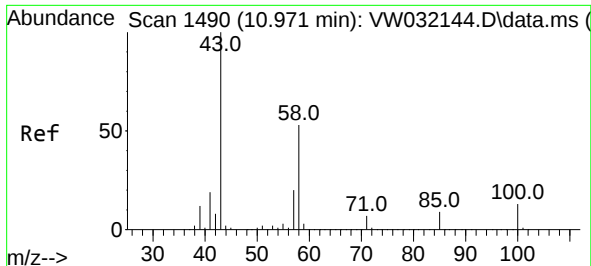
Tgt Ion: 63 Resp: 16616

Ion Ratio Lower Upper

63 100

106 28.6 24.3 36.5

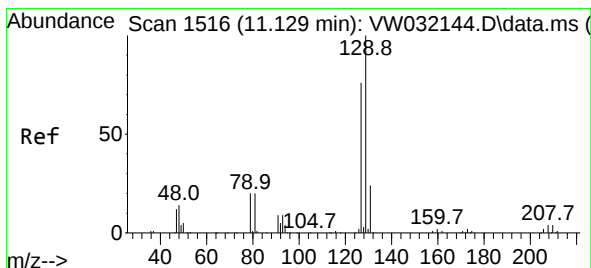
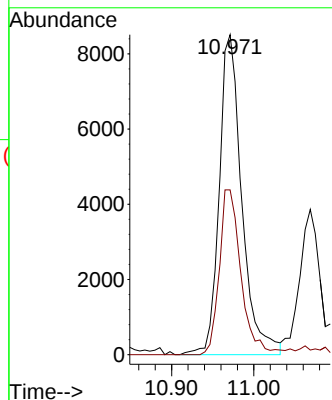
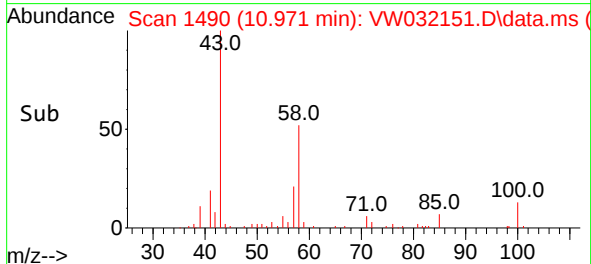
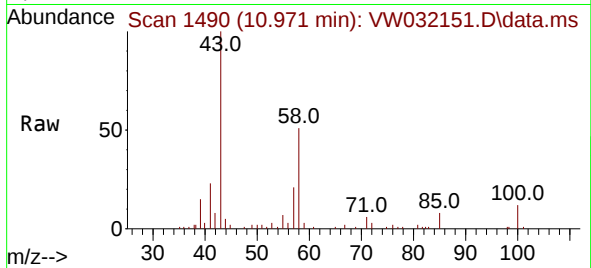




#59
2-Hexanone
Concen: 10.794 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

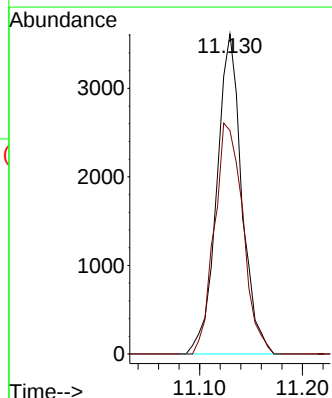
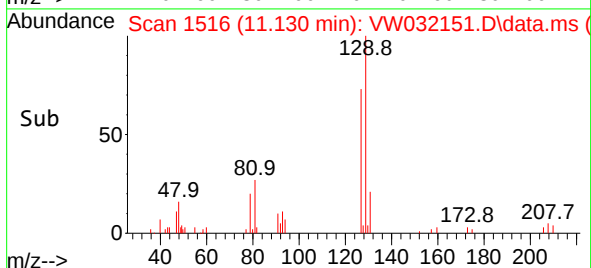
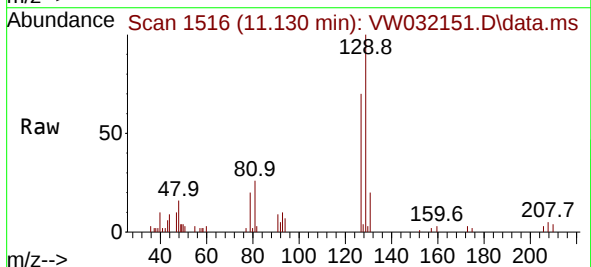
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

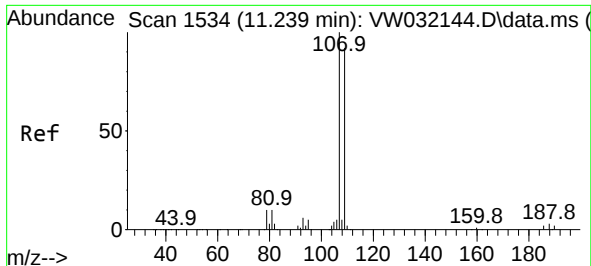
Tgt Ion: 43 Resp: 16263
Ion Ratio Lower Upper
43 100
58 49.5 27.5 82.4



#60
Dibromochloromethane
Concen: 2.175 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 129 Resp: 6099
Ion Ratio Lower Upper
129 100
127 82.5 38.1 114.5

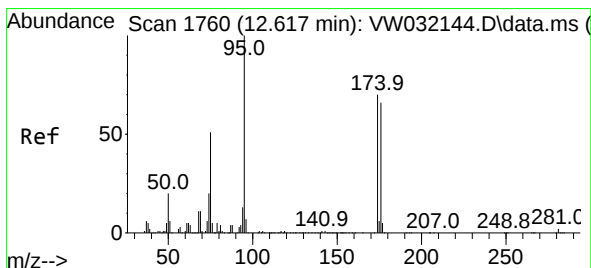
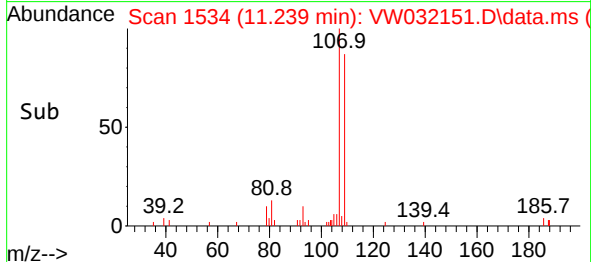
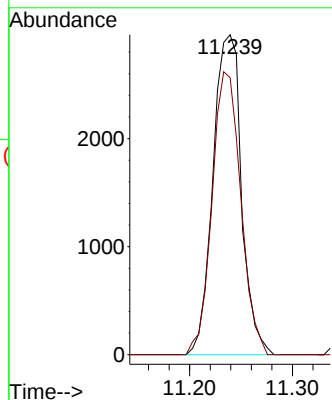
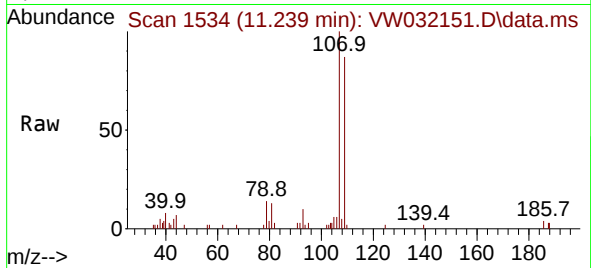




#61
1,2-Dibromoethane
Concen: 2.500 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

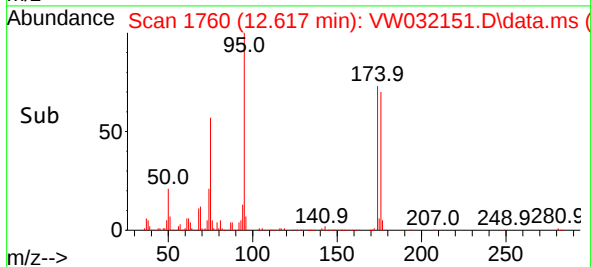
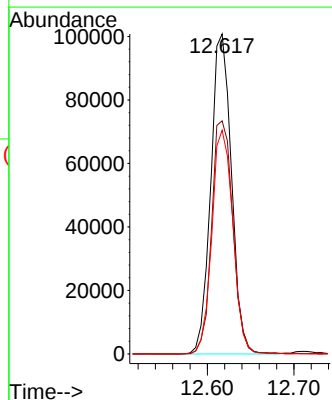
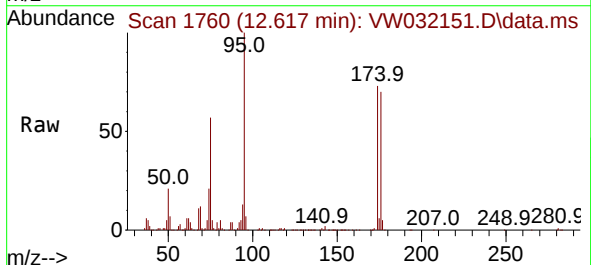
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

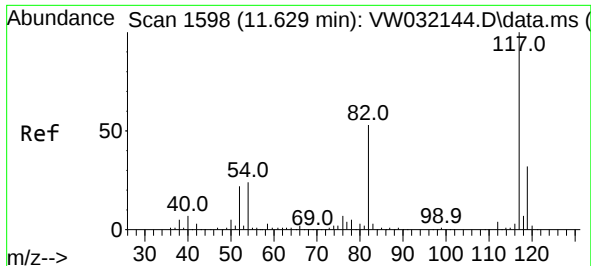
Tgt Ion:107 Resp: 5696
Ion Ratio Lower Upper
107 100
109 89.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.920 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 95 Resp: 166980
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.6
176 71.3 0.0 140.8

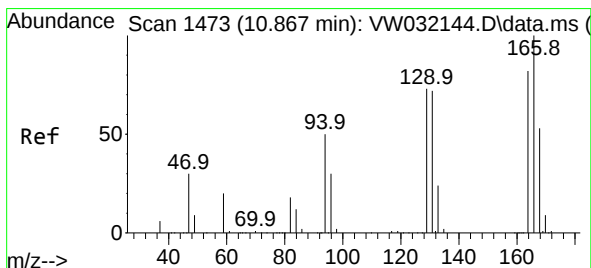
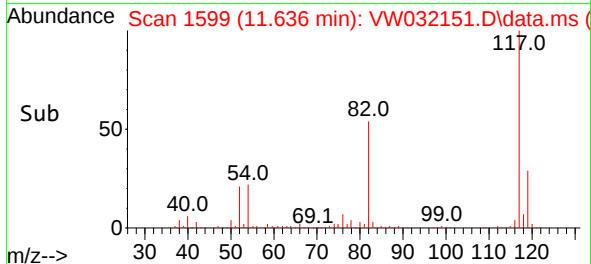
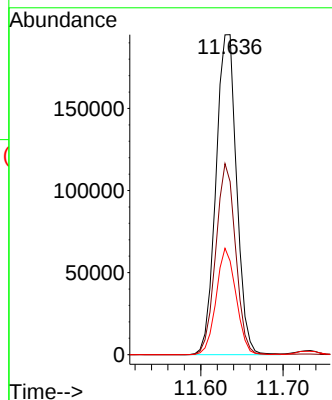
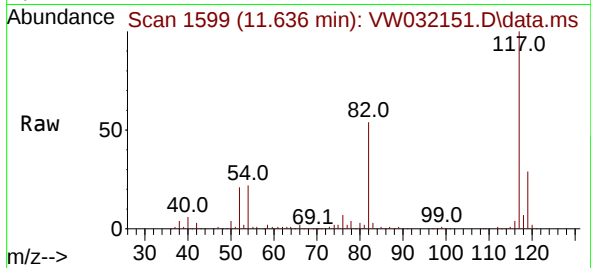




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

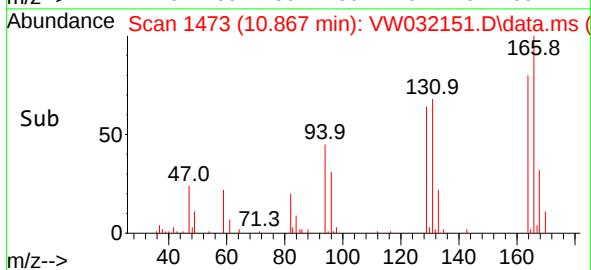
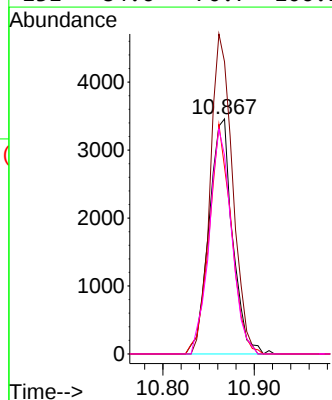
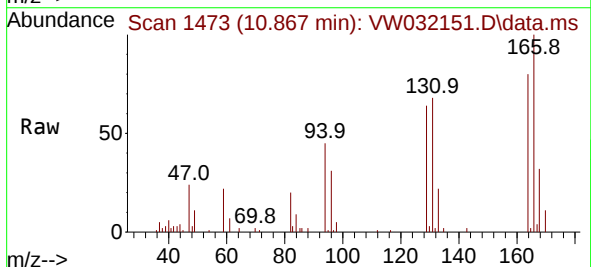
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

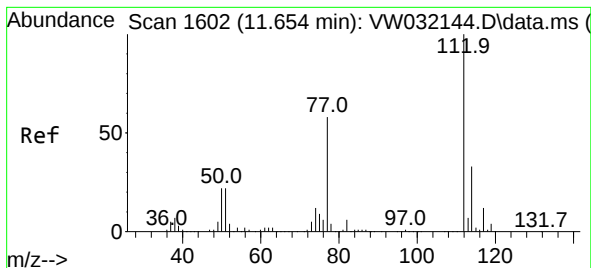
Tgt Ion:117 Resp: 341128
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 29.3 25.2 37.8



#64
Tetrachloroethene
Concen: 2.761 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion:164 Resp: 6199
Ion Ratio Lower Upper
164 100
166 124.3 97.5 146.3
129 79.5 71.2 106.8
131 84.6 70.7 106.1





#65

Chlorobenzene

Concen: 2.559 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

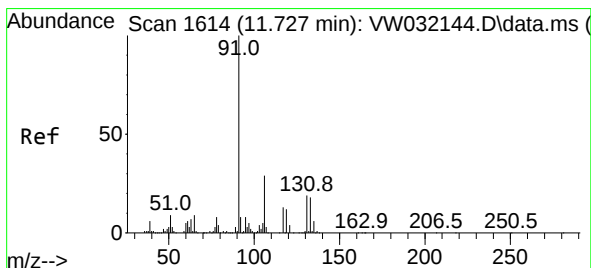
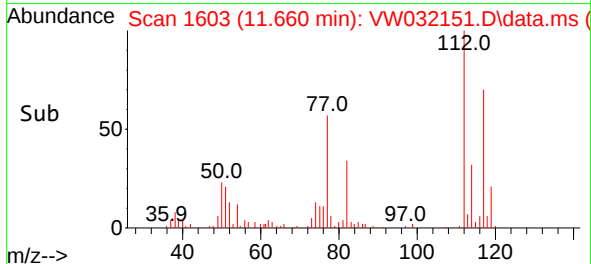
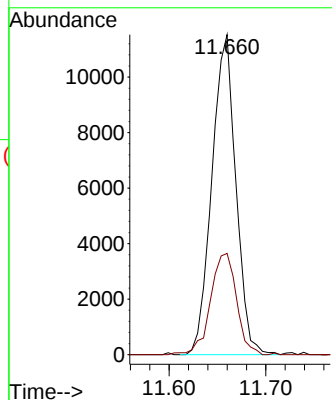
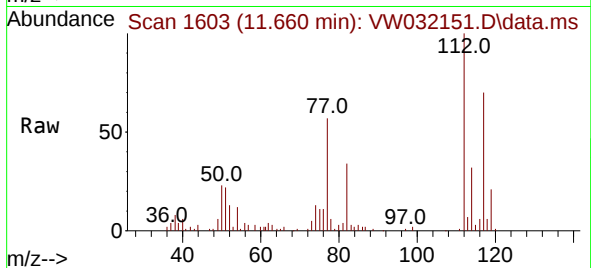
VW0828SBSD01

Tgt Ion:112 Resp: 19871

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 2.496 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

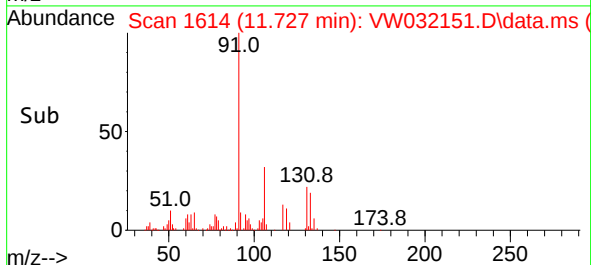
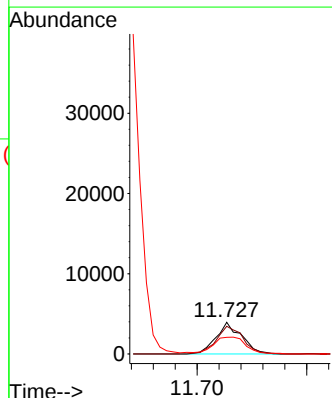
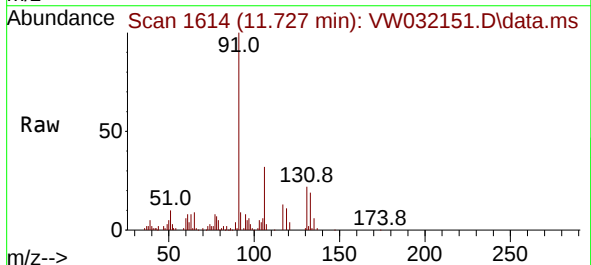
Tgt Ion:131 Resp: 6380

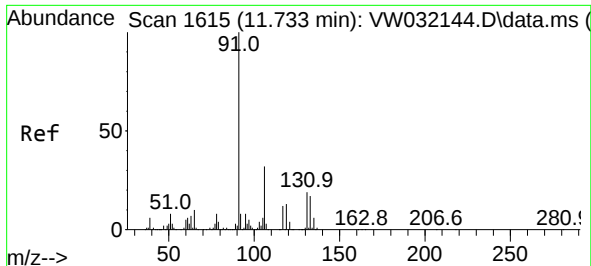
Ion Ratio Lower Upper

131 100

133 91.9 47.7 143.1

119 67.8 32.8 98.3





#67

Ethyl Benzene

Concen: 2.368 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

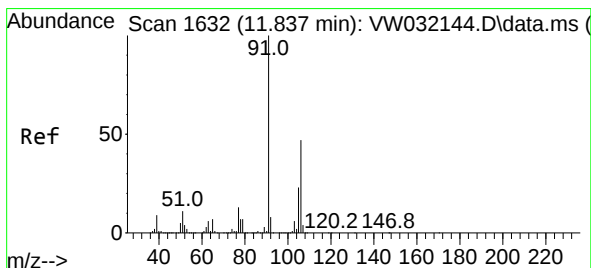
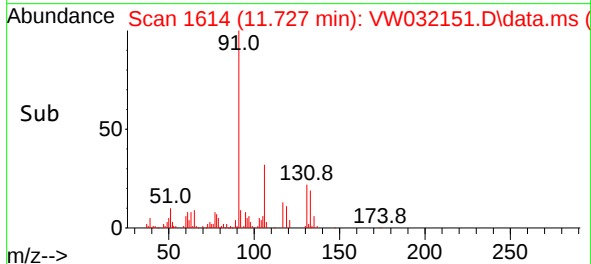
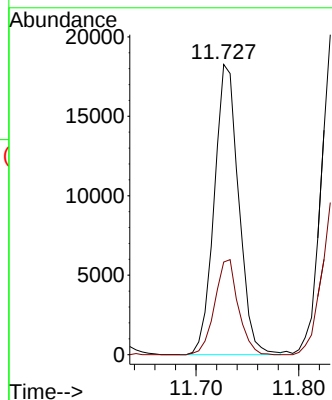
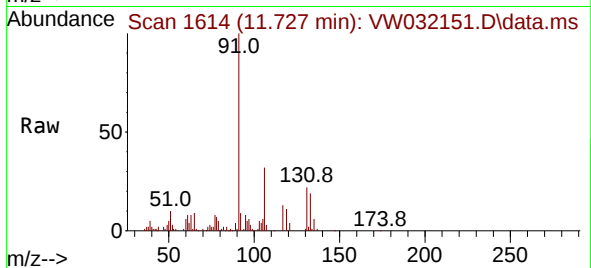
VW0828SBSD01

Tgt Ion: 91 Resp: 30130

Ion Ratio Lower Upper

91 100

106 31.9 25.3 37.9



#68

m/p-Xylenes

Concen: 4.613 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032151.D

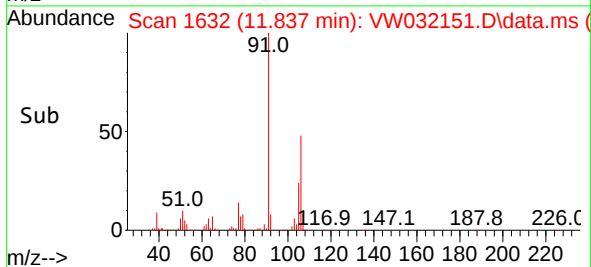
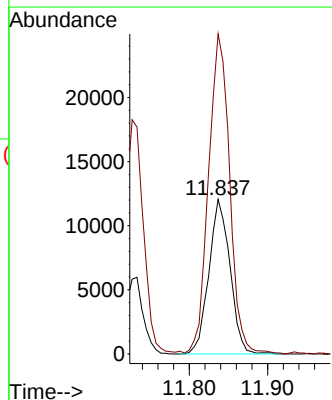
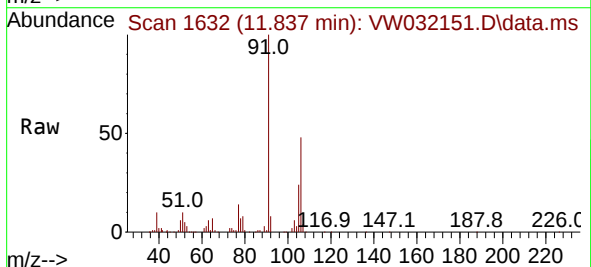
Acq: 28 Aug 2025 12:14

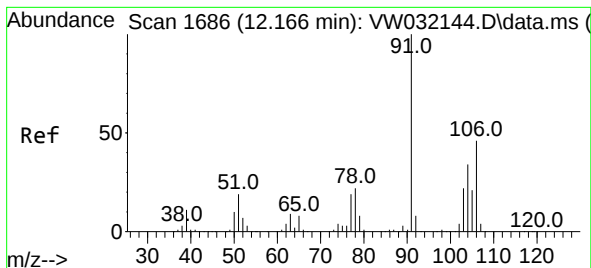
Tgt Ion:106 Resp: 22585

Ion Ratio Lower Upper

106 100

91 207.3 164.2 246.2





#69

o-Xylene

Concen: 2.131 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

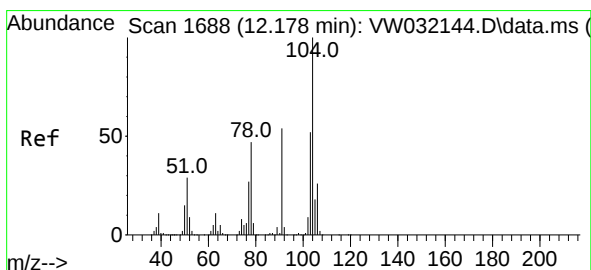
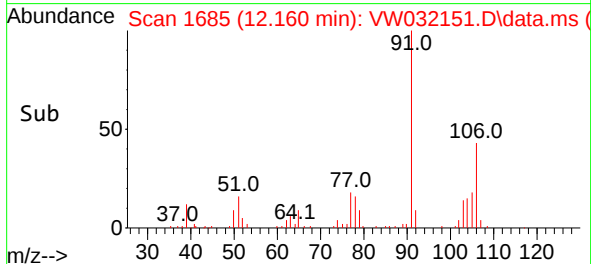
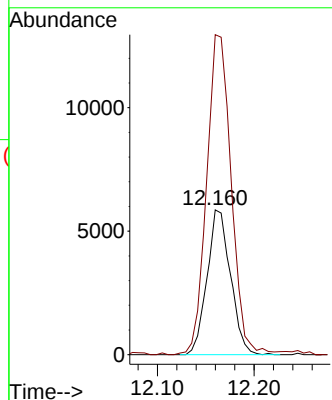
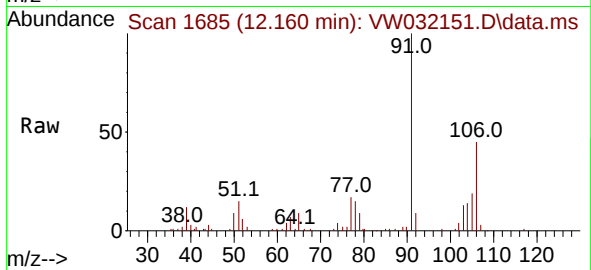
VW0828SBSD01

Tgt Ion:106 Resp: 9870

Ion Ratio Lower Upper

106 100

91 231.7 108.7 326.3



#70

Styrene

Concen: 2.118 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

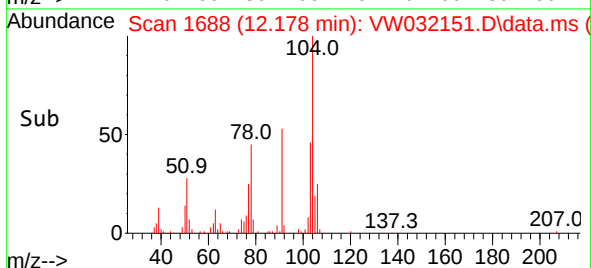
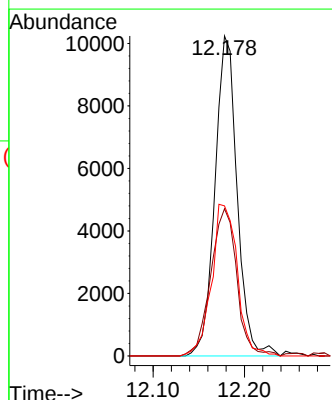
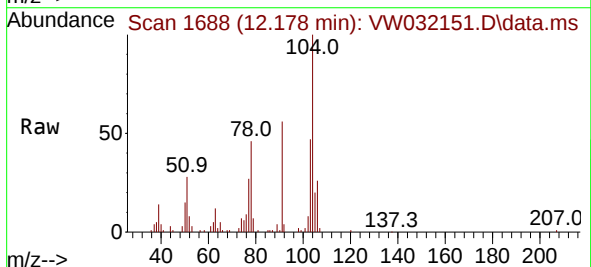
Tgt Ion:104 Resp: 17294

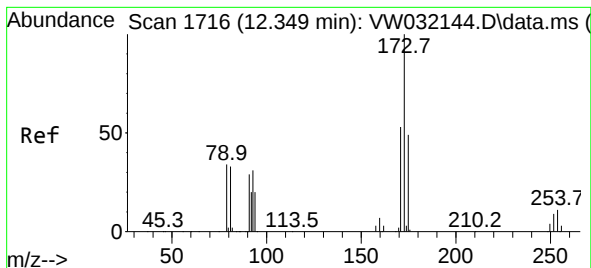
Ion Ratio Lower Upper

104 100

78 53.9 41.6 62.4

103 54.8 44.8 67.2





#71

Bromoform

Concen: 2.475 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

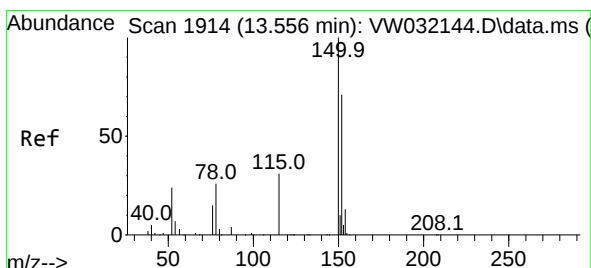
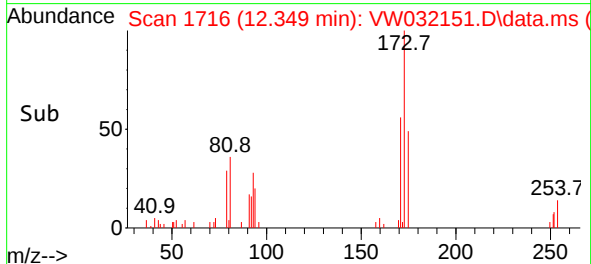
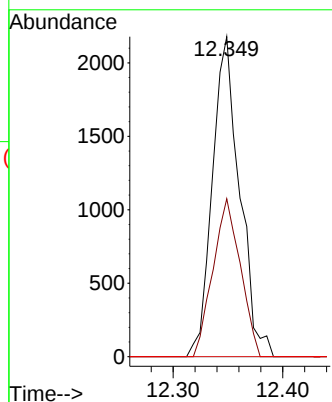
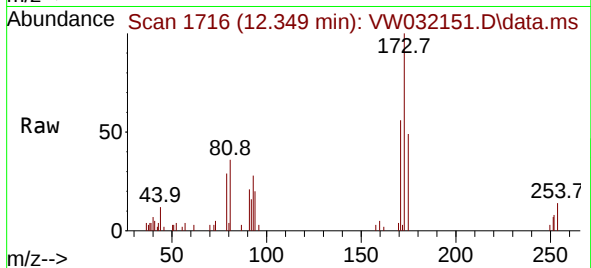
Tgt Ion:173 Resp: 3757

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

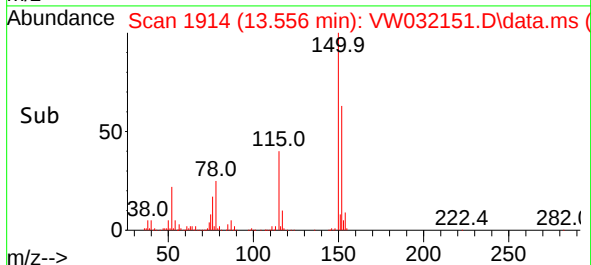
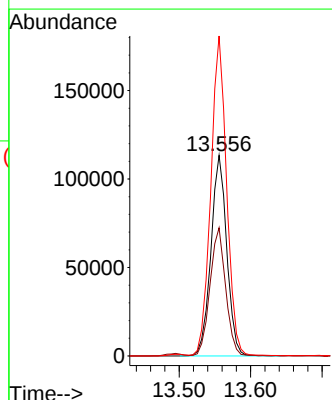
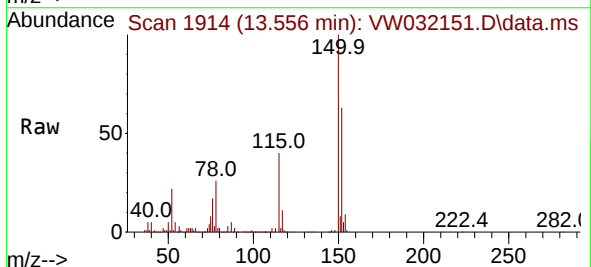
Tgt Ion:152 Resp: 174602

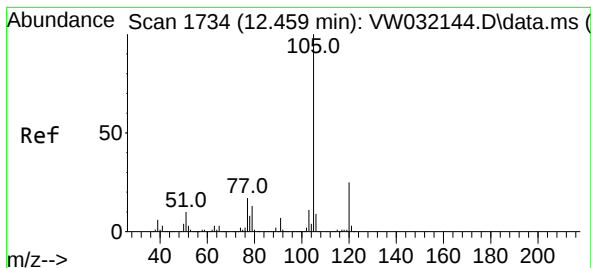
Ion Ratio Lower Upper

152 100

115 63.4 31.8 95.4

150 158.6 0.0 343.0





#73

Isopropylbenzene

Concen: 2.127 ug/l

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

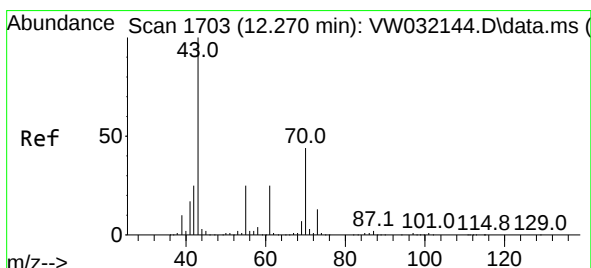
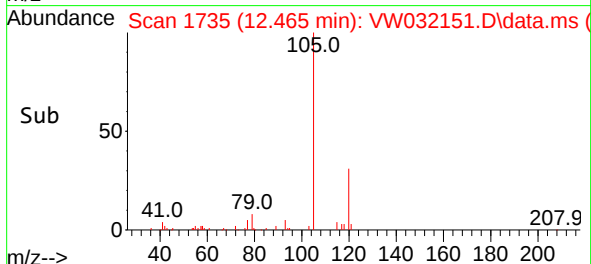
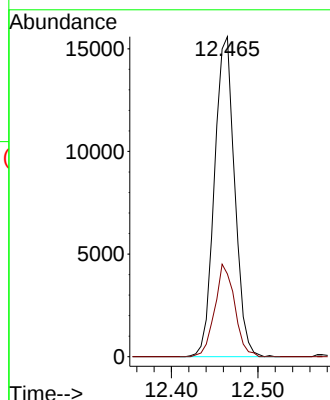
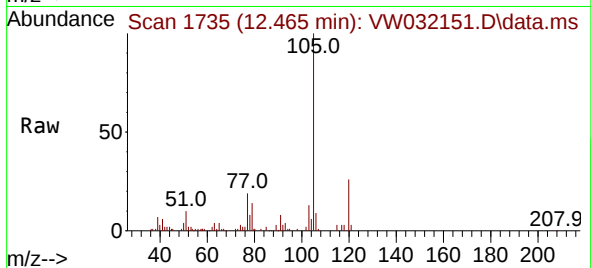
VW0828SBSD01

Tgt Ion:105 Resp: 25229

Ion Ratio Lower Upper

105 100

120 28.5 13.0 38.9



#74

N-ethyl acetate

Concen: 1.933 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Tgt Ion: 43 Resp: 6657

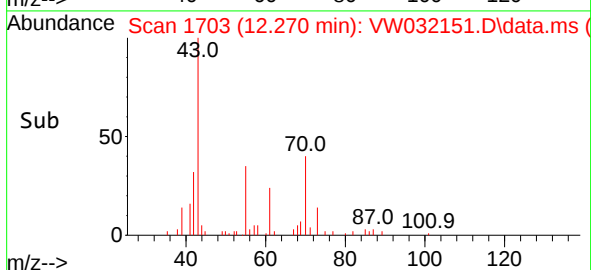
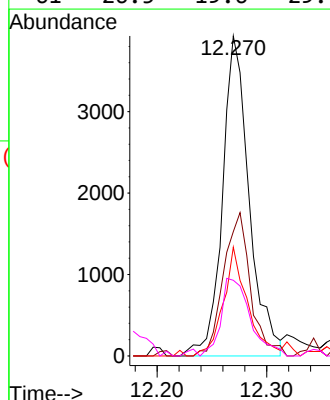
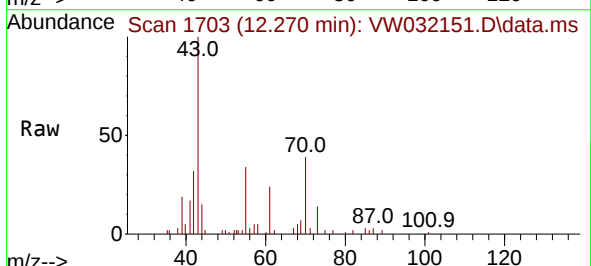
Ion Ratio Lower Upper

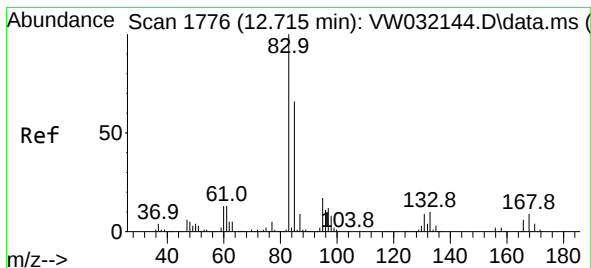
43 100

70 45.2 35.3 52.9

55 30.8 19.9 29.9#

61 26.5 19.6 29.4

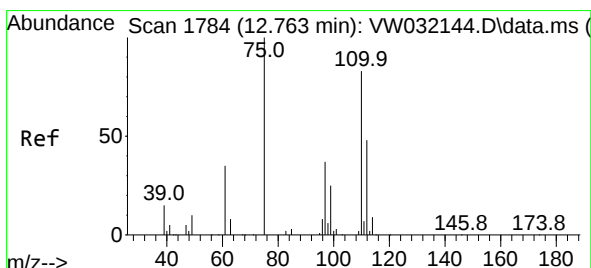
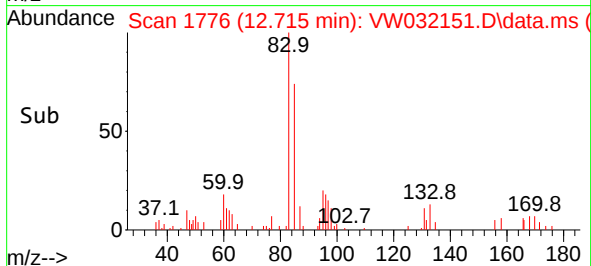
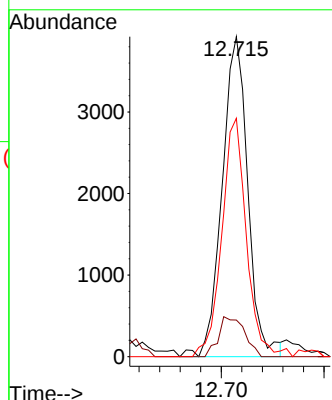
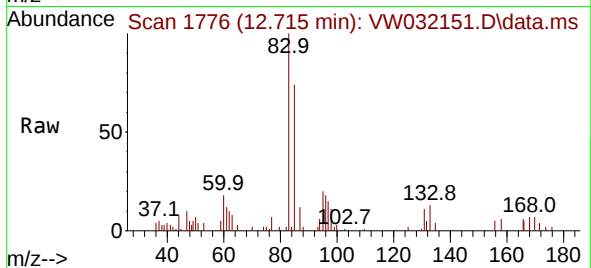




#75
1,1,2,2-Tetrachloroethane
Concen: 2.416 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

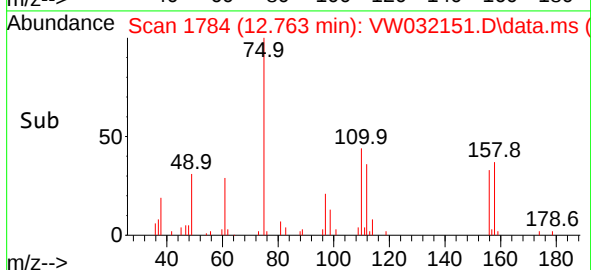
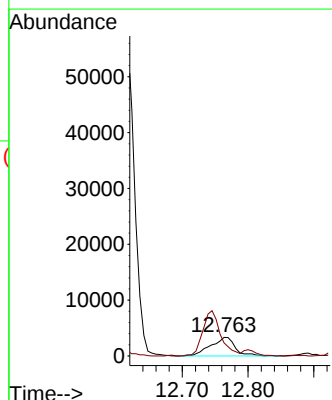
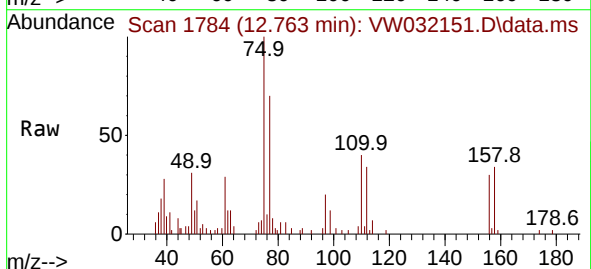
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

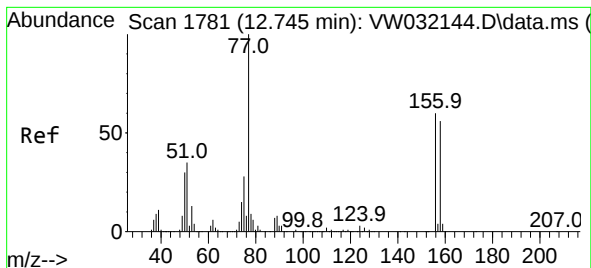
Tgt Ion: 83 Resp: 6810
Ion Ratio Lower Upper
83 100
131 12.6 5.1 15.4
85 71.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 3.982 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 75 Resp: 8711
Ion Ratio Lower Upper
75 100
77 175.6 141.7 425.1





#77

Bromobenzene

Concen: 2.659 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

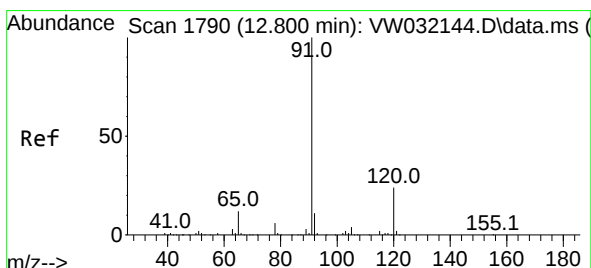
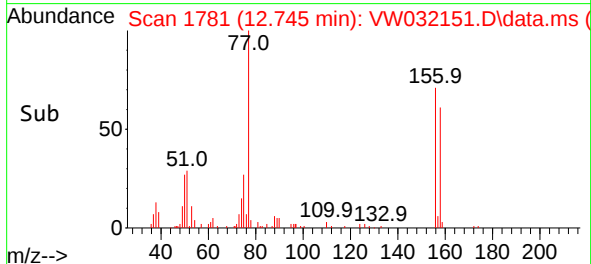
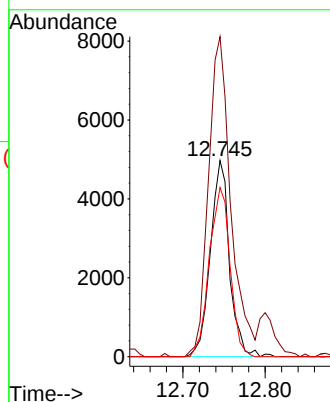
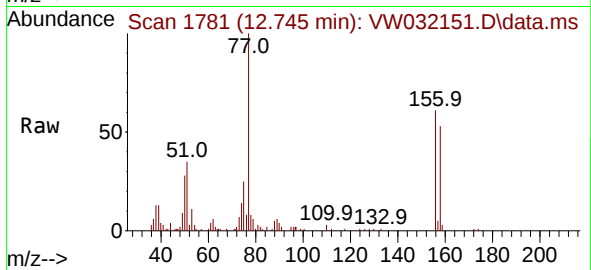
Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

Tgt Ion:	156	Resp:	8044
Ion Ratio	Lower	Upper	
156	100		
77	190.2	98.6	295.7
158	93.4	48.4	145.0



#78

n-propylbenzene

Concen: 2.459 ug/l

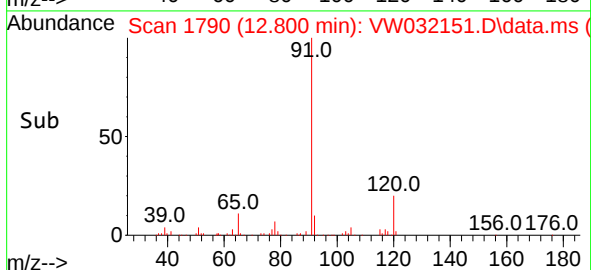
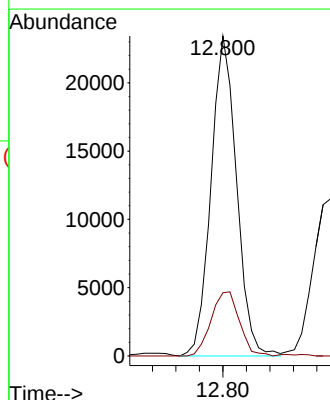
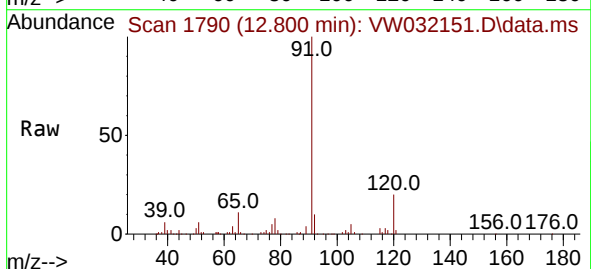
RT: 12.800 min Scan# 1790

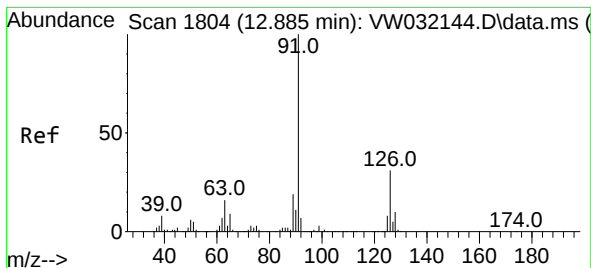
Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Tgt Ion:	91	Resp:	35414
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.8	35.4

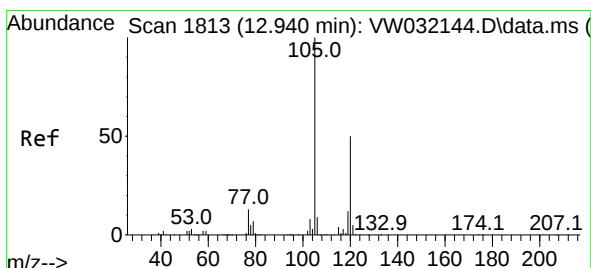
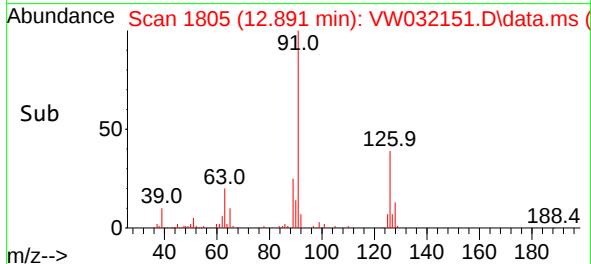
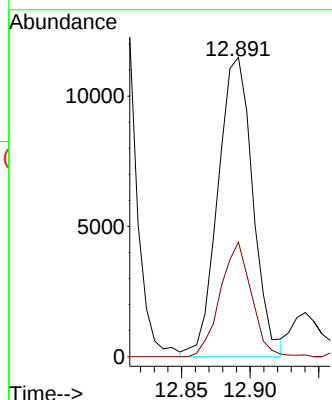
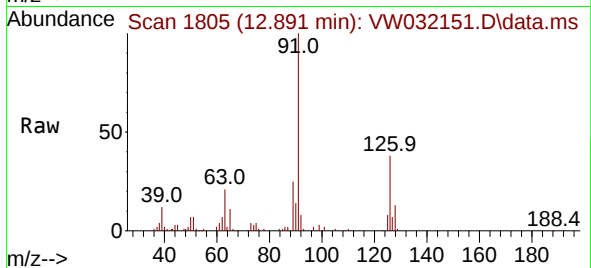




#79
2-Chlorotoluene
Concen: 2.314 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

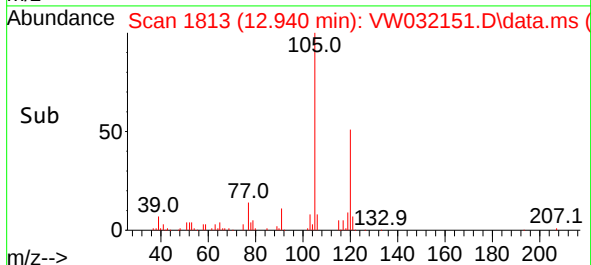
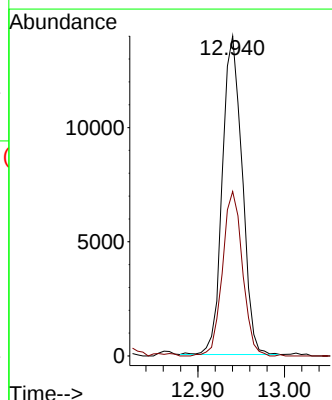
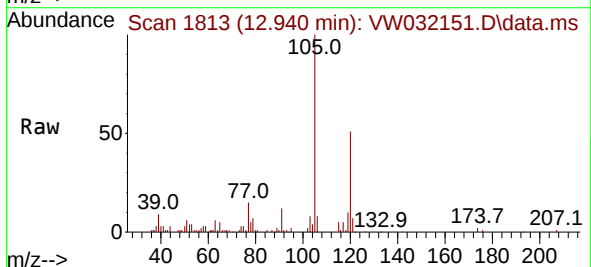
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

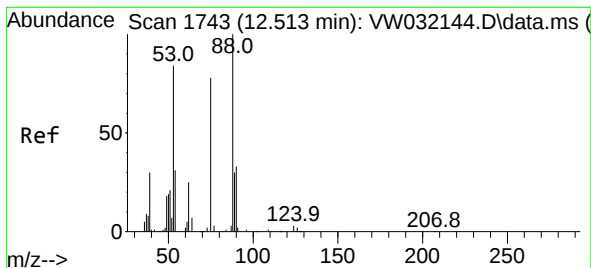
Tgt Ion: 91 Resp: 20379
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 2.211 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 105 Resp: 22207
Ion Ratio Lower Upper
105 100
120 52.1 24.8 74.4

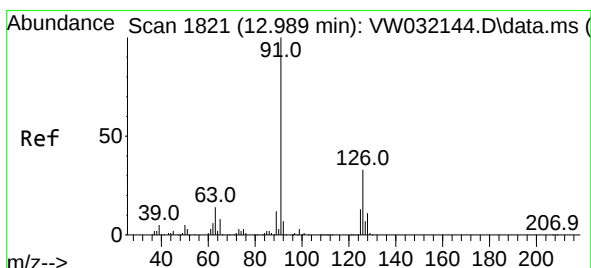
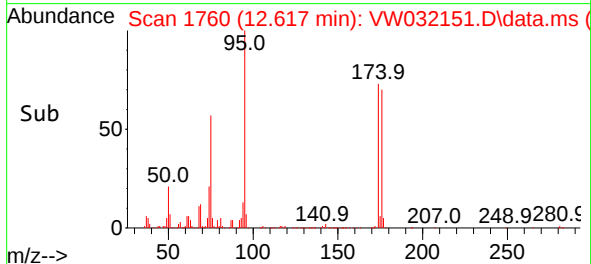
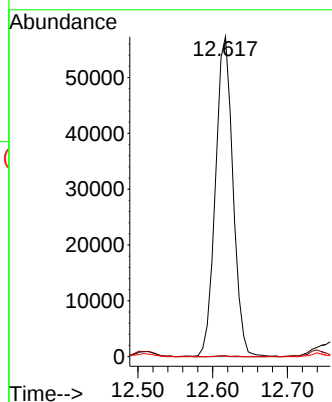
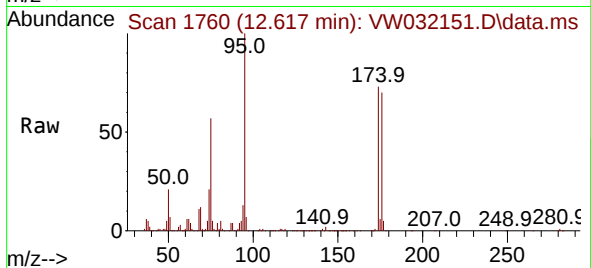




#81
trans-1,4-Dichloro-2-butene
Concen: 114.788 ug/l
RT: 12.617 min Scan# 1743
Delta R.T. 0.104 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

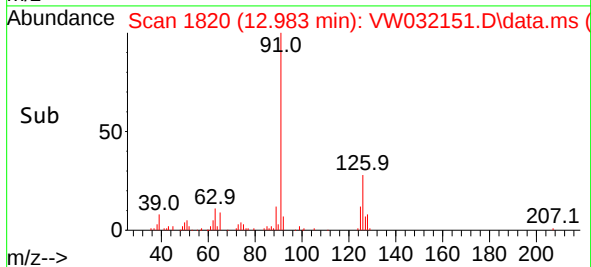
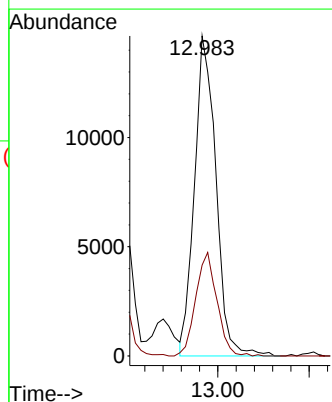
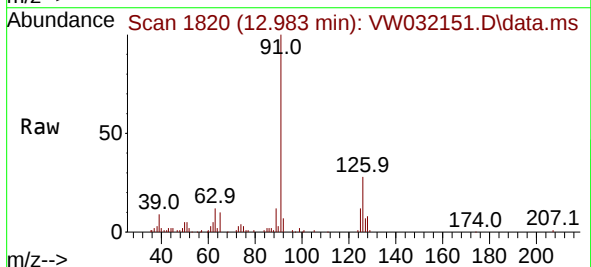
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

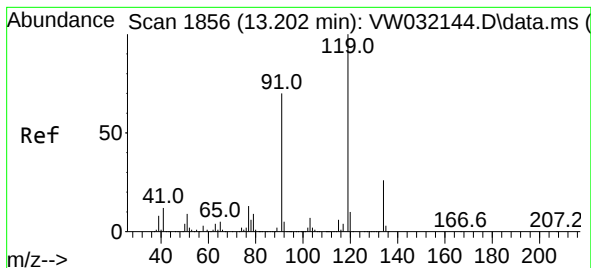
Tgt Ion: 75 Resp: 93256
Ion Ratio Lower Upper
75 100
53 0.3 91.0 136.6#
89 0.1 39.4 59.2#



#82
4-Chlorotoluene
Concen: 2.535 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 91 Resp: 23892
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2





#83

tert-Butylbenzene

Concen: 2.327 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

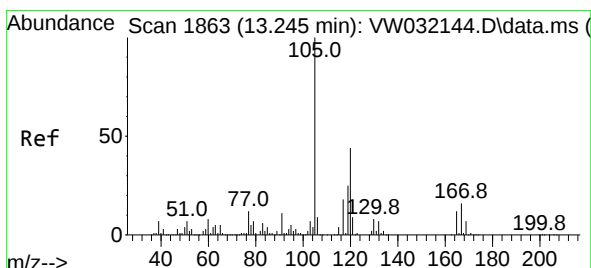
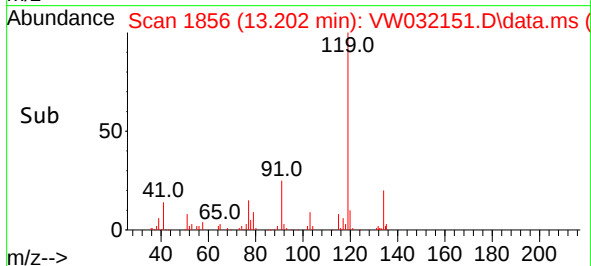
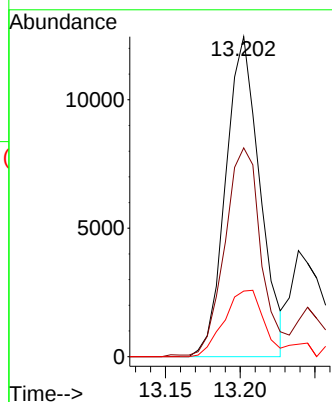
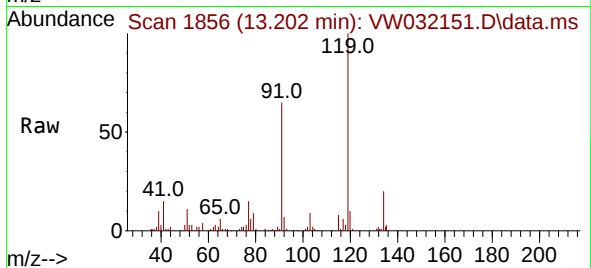
Tgt Ion:119 Resp: 19816

Ion Ratio Lower Upper

119 100

91 70.2 33.8 101.3

134 23.8 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 2.159 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032151.D

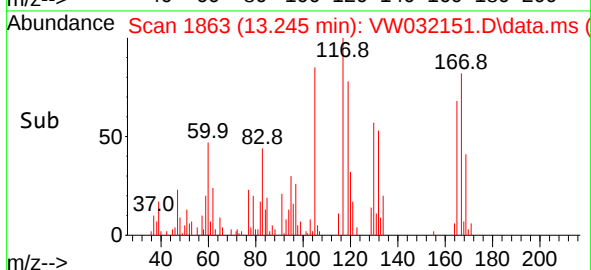
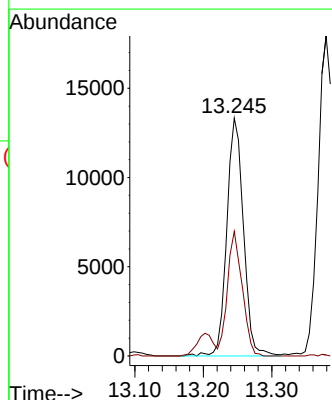
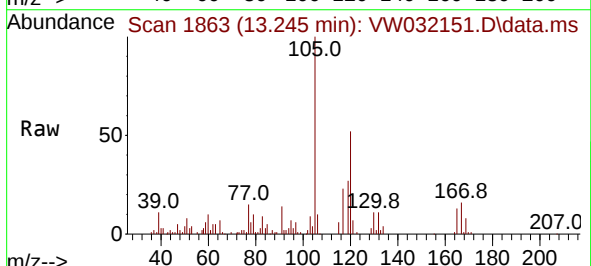
Acq: 28 Aug 2025 12:14

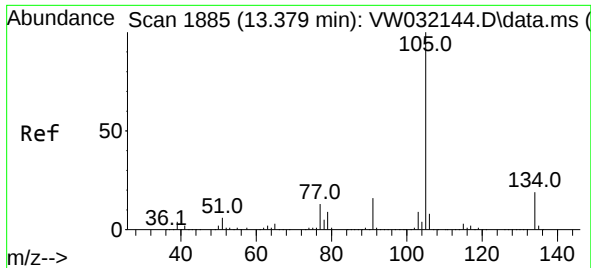
Tgt Ion:105 Resp: 22431

Ion Ratio Lower Upper

105 100

120 46.4 22.1 66.3

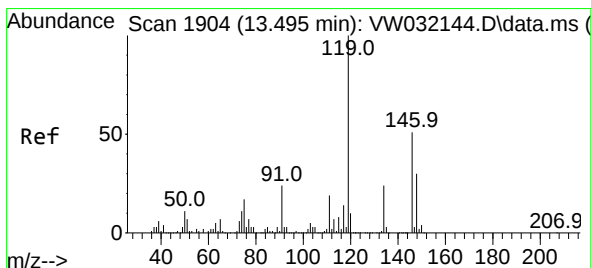
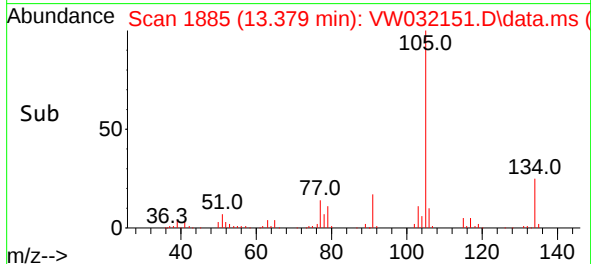
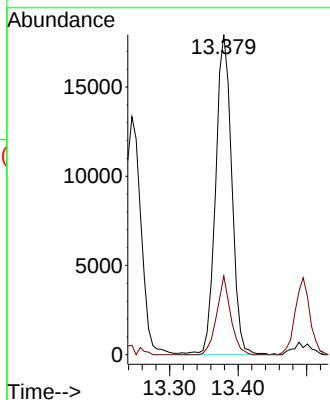
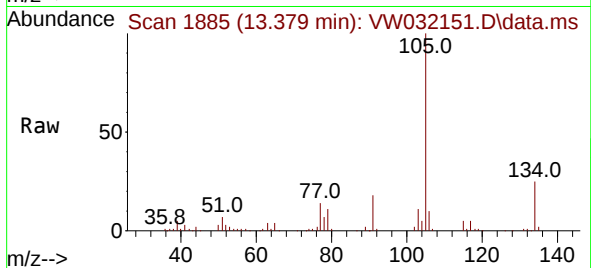




#85
 sec-Butylbenzene
 Concen: 2.292 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

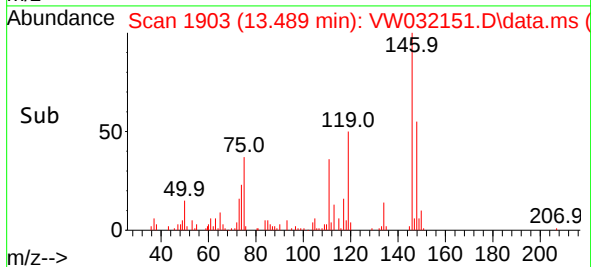
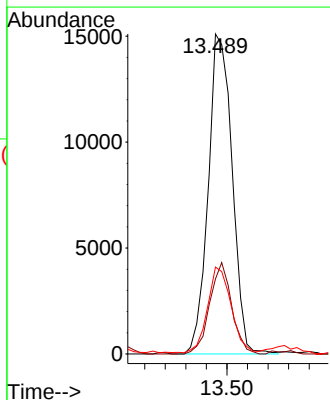
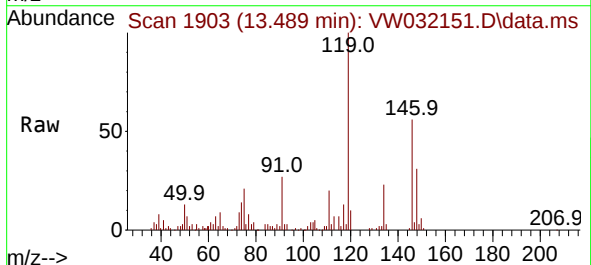
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBSD01

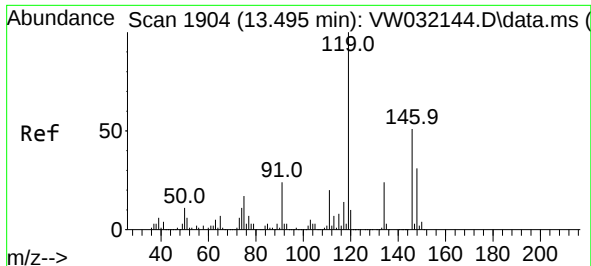
Tgt Ion:105 Resp: 29137
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 2.261 ug/l
 RT: 13.489 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW032151.D
 Acq: 28 Aug 2025 12:14

Tgt Ion:119 Resp: 24445
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.6
 91 27.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 2.580 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

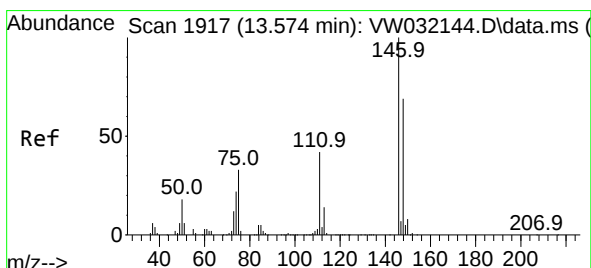
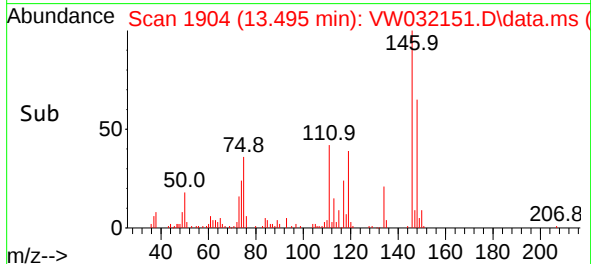
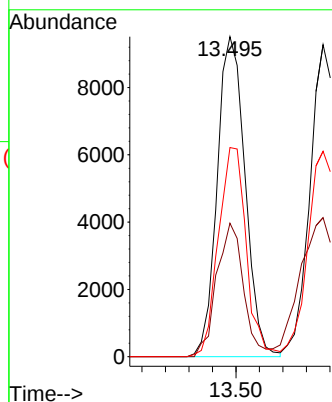
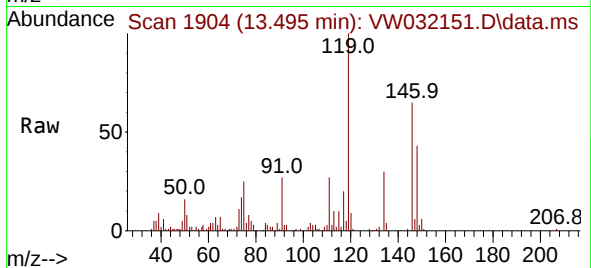
Tgt Ion:146 Resp: 15713

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.9

148 65.3 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 2.616 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

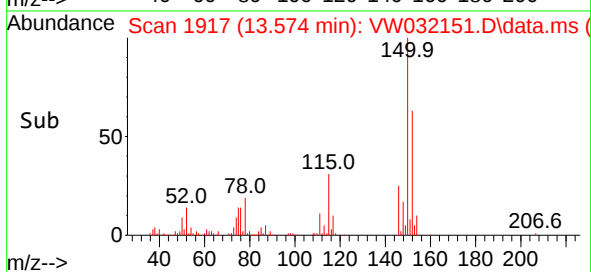
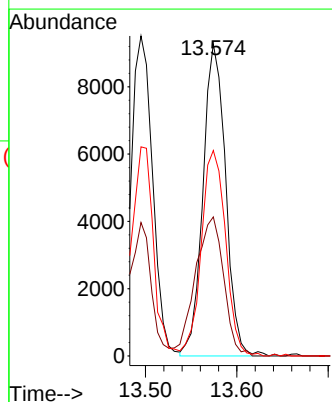
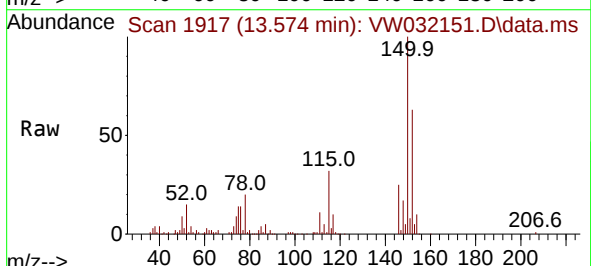
Tgt Ion:146 Resp: 15973

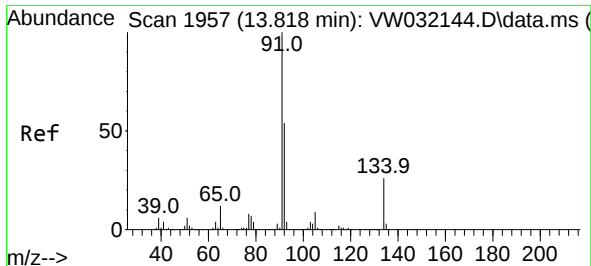
Ion Ratio Lower Upper

146 100

111 56.1 21.3 63.7

148 70.5 33.4 100.1

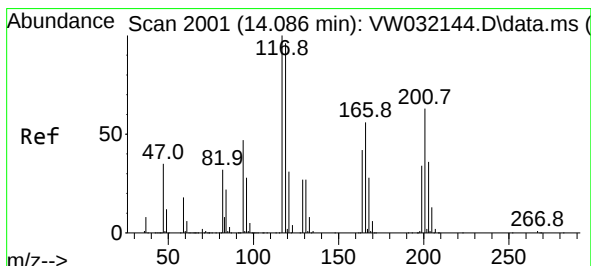
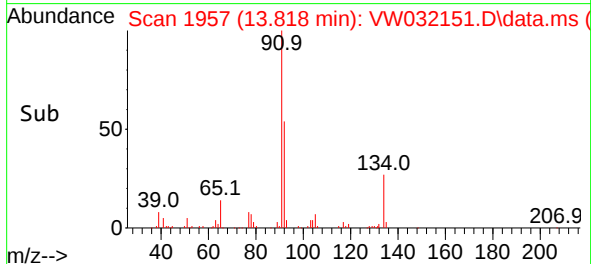
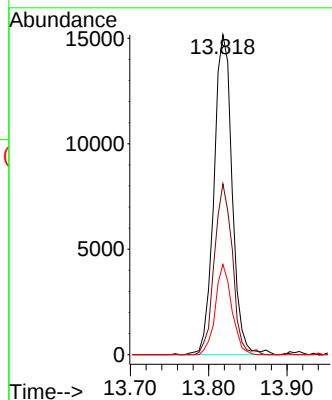
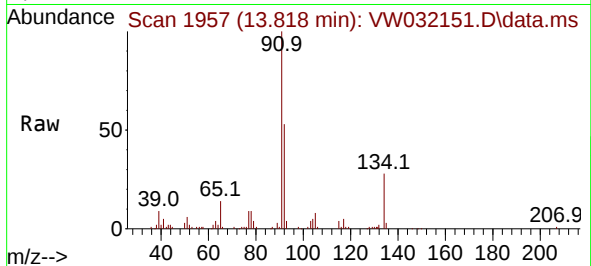




#89
n-Butylbenzene
Concen: 2.376 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

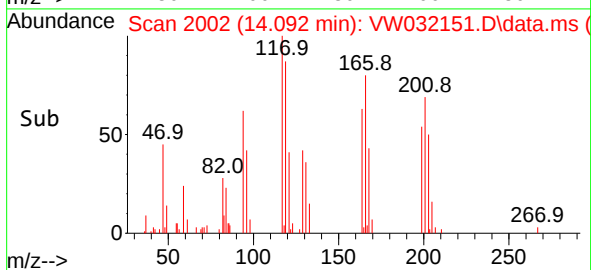
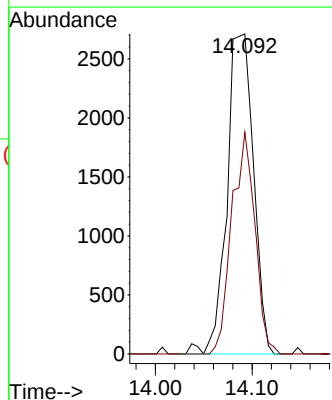
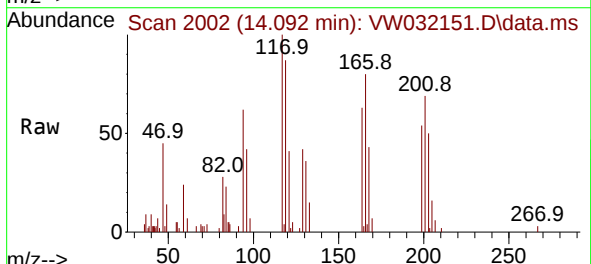
Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD01

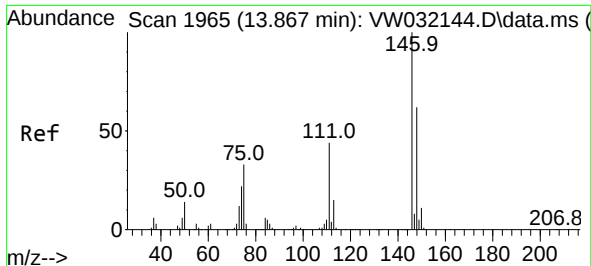
Tgt Ion: 91 Resp: 24495
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 25.5 13.1 39.3



#90
Hexachloroethane
Concen: 2.626 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032151.D
Acq: 28 Aug 2025 12:14

Tgt Ion: 117 Resp: 5193
Ion Ratio Lower Upper
117 100
201 60.4 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 2.619 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

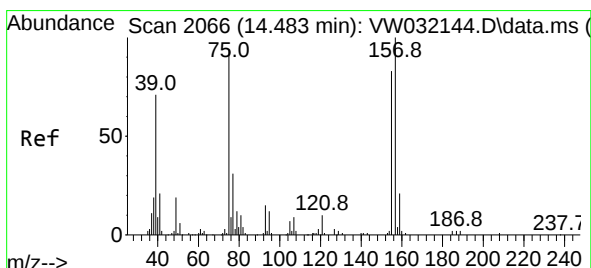
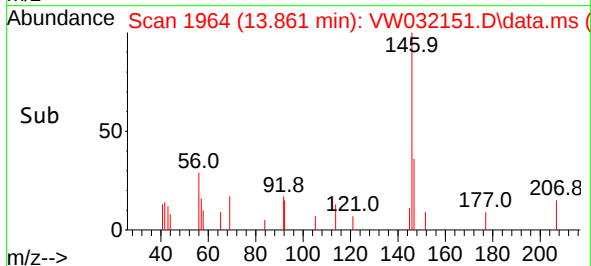
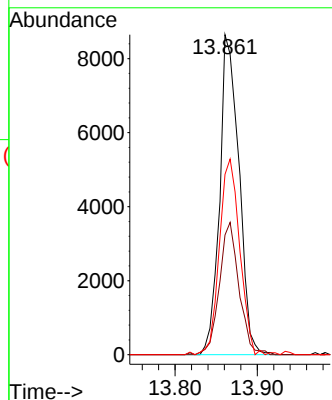
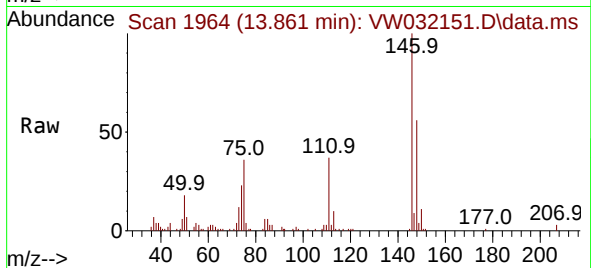
Tgt Ion:146 Resp: 14123

Ion Ratio Lower Upper

146 100

111 42.0 23.4 70.0

148 64.3 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.498 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

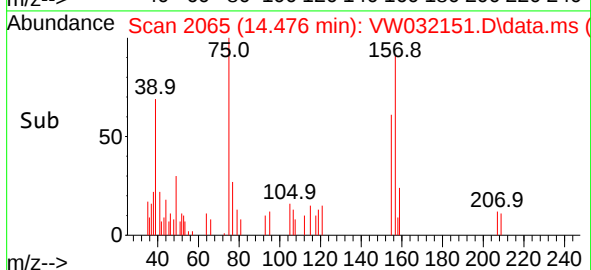
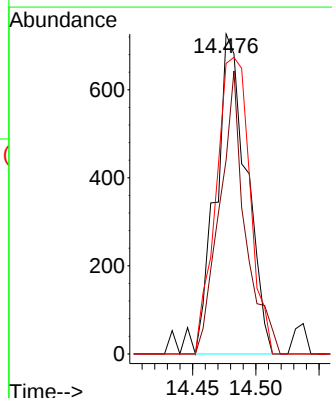
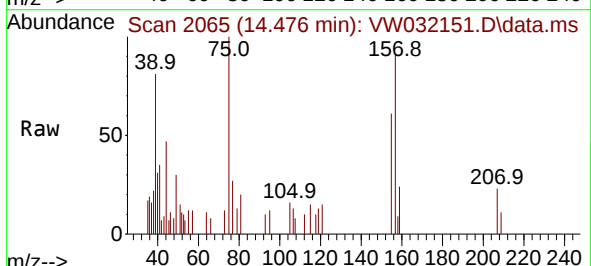
Tgt Ion: 75 Resp: 1244

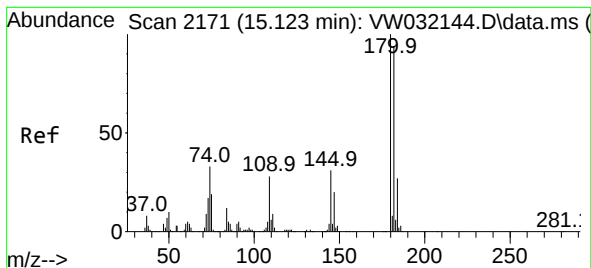
Ion Ratio Lower Upper

75 100

155 72.8 40.8 122.5

157 101.0 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 2.440 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS01

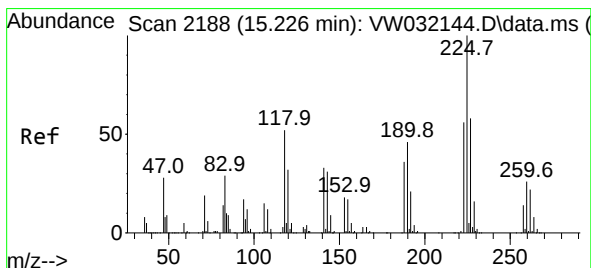
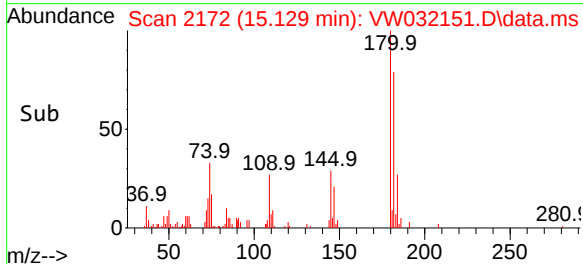
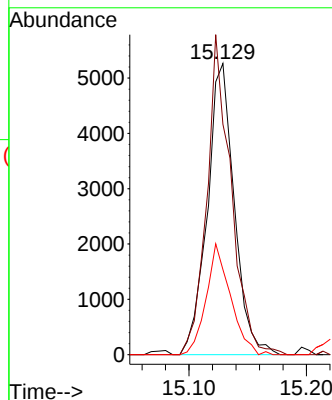
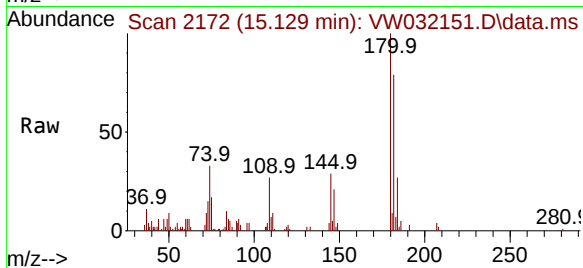
Tgt Ion:180 Resp: 8408

Ion Ratio Lower Upper

180 100

182 98.6 47.4 142.2

145 34.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 2.755 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.006 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

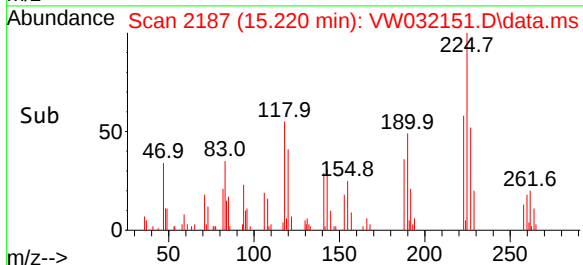
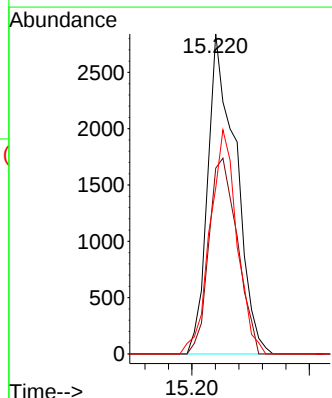
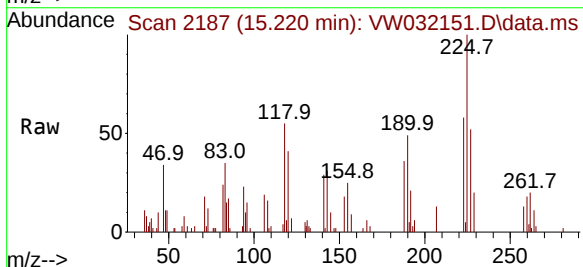
Tgt Ion:225 Resp: 4708

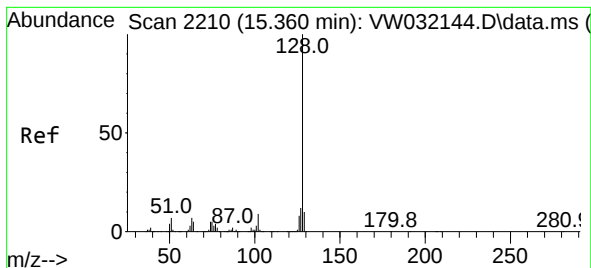
Ion Ratio Lower Upper

225 100

223 62.2 29.8 89.3

227 67.3 30.5 91.5





#95

Naphthalene

Concen: 2.159 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD01

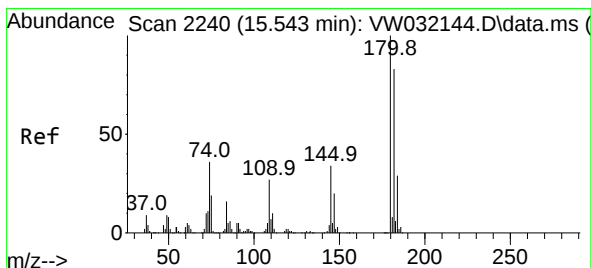
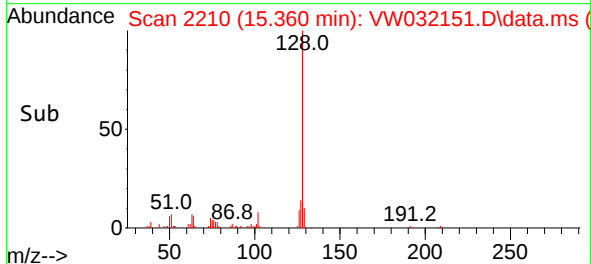
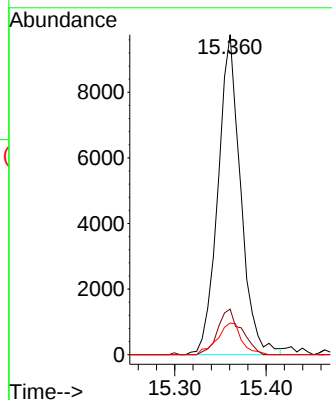
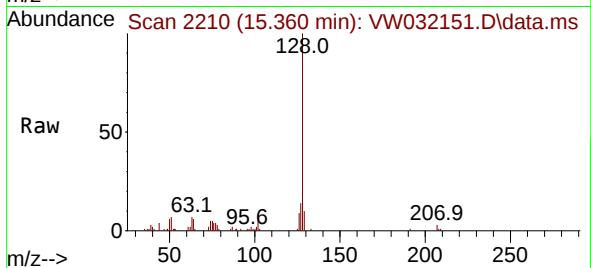
Tgt Ion:128 Resp: 16832

Ion Ratio Lower Upper

128 100

127 14.7 10.6 16.0

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 2.500 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW032151.D

Acq: 28 Aug 2025 12:14

Tgt Ion:180 Resp: 8010

Ion Ratio Lower Upper

180 100

182 100.5 47.7 143.1

145 36.2 17.2 51.6

