

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032538.D
 Acq On : 26 Nov 2025 13:05
 Operator : SY/MD
 Sample : VW1126SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 00:26:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	337562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	629179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	578751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285723	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	250756	57.619	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 115.240%	
35) Dibromofluoromethane	7.898	113	197338	52.385	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.780%	
50) Toluene-d8	10.325	98	749931	51.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.617	95	280681	51.414	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	40884	23.872	ug/l	90
3) Chloromethane	2.253	50	71270	24.278	ug/l	99
4) Vinyl Chloride	2.399	62	87624	23.651	ug/l	97
5) Bromomethane	2.814	94	60416	24.378	ug/l	100
6) Chloroethane	2.960	64	56305	23.229	ug/l	91
7) Trichlorofluoromethane	3.295	101	58995	20.310	ug/l	96
8) Diethyl Ether	3.716	74	57175	24.075	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	78641	24.853	ug/l	98
10) Methyl Iodide	4.314	142	107964	21.185	ug/l	96
11) Tert butyl alcohol	5.222	59	44464	118.156	ug/l	97
12) 1,1-Dichloroethene	4.076	96	84340	23.245	ug/l	94
13) Acrolein	3.929	56	50172	79.463	ug/l	98
14) Allyl chloride	4.698	41	156916	22.489	ug/l	95
15) Acrylonitrile	5.399	53	158055	115.107	ug/l	99
16) Acetone	4.161	43	172518	132.502	ug/l	95
17) Carbon Disulfide	4.417	76	232572	21.687	ug/l	99
18) Methyl Acetate	4.704	43	79374	24.618	ug/l	95
19) Methyl tert-butyl Ether	5.460	73	165056	21.581	ug/l	99
20) Methylene Chloride	4.954	84	117647	25.266	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	92366	22.264	ug/l	99
22) Diisopropyl ether	6.338	45	332486	23.404	ug/l	99
23) Vinyl Acetate	6.283	43	1099752	112.990	ug/l	97
24) 1,1-Dichloroethane	6.240	63	186701	23.987	ug/l	98
25) 2-Butanone	7.191	43	228547	119.148	ug/l	99
26) 2,2-Dichloropropane	7.185	77	100778	23.233	ug/l	95
27) cis-1,2-Dichloroethene	7.185	96	111212	22.434	ug/l	96
28) Bromochloromethane	7.526	49	89514	24.333	ug/l	94
29) Tetrahydrofuran	7.551	42	136283	111.938	ug/l	98
30) Chloroform	7.691	83	188879	24.789	ug/l	98
31) Cyclohexane	7.971	56	158345	21.993	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	131738	24.202	ug/l	96
36) 1,1-Dichloropropene	8.093	75	131322	23.660	ug/l	99
37) Ethyl Acetate	7.270	43	93514	22.658	ug/l	96
38) Carbon Tetrachloride	8.081	117	118484	24.025	ug/l	93
39) Methylcyclohexane	9.343	83	150748	20.965	ug/l	94
40) Benzene	8.337	78	413141	23.114	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51285	22.620	ug/l	96
42) 1,2-Dichloroethane	8.410	62	132398	25.218	ug/l	97
43) Isopropyl Acetate	8.435	43	160403	21.949	ug/l	99
44) Trichloroethene	9.099	130	86516	20.801	ug/l	95
45) 1,2-Dichloropropane	9.374	63	104425	23.463	ug/l	99
46) Dibromomethane	9.465	93	59857	23.015	ug/l	98
47) Bromodichloromethane	9.648	83	140506	23.683	ug/l	98
48) Methyl methacrylate	9.441	41	73039	21.032	ug/l #	91
49) 1,4-Dioxane	9.459	88	15702	430.965	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	474461	117.439	ug/l	97
52) Toluene	10.392	92	254781	23.077	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	132372	21.665	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	155326	21.983	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	84254	23.614	ug/l	93
56) Ethyl methacrylate	10.648	69	110864	20.251	ug/l	93
57) 1,3-Dichloropropane	10.928	76	144519	22.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	326058	111.840	ug/l	97
59) 2-Hexanone	10.971	43	339797	114.957	ug/l	95
60) Dibromochloromethane	11.129	129	92399	23.190	ug/l	98
61) 1,2-Dibromoethane	11.233	107	79012	22.737	ug/l	96
64) Tetrachloroethene	10.861	164	76551	22.336	ug/l	93
65) Chlorobenzene	11.654	112	271839	21.792	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85454	22.135	ug/l	98
67) Ethyl Benzene	11.733	91	461801	21.396	ug/l	99
68) m/p-Xylenes	11.837	106	356177	43.951	ug/l	98
69) o-Xylene	12.166	106	161395	20.800	ug/l	96
70) Styrene	12.178	104	291593	21.845	ug/l	98
71) Bromoform	12.349	173	47143	20.617	ug/l	98
73) Isopropylbenzene	12.458	105	421872	20.104	ug/l	98
74) N-amyl acetate	12.269	43	146466	20.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.708	83	106828	21.451	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	134123	34.235	ug/l #	1
77) Bromobenzene	12.739	156	99017	19.929	ug/l	89
78) n-propylbenzene	12.800	91	554412	21.695	ug/l	98
79) 2-Chlorotoluene	12.885	91	325618	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	358716	20.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	33802	19.762	ug/l	89
82) 4-Chlorotoluene	12.983	91	352752	21.740	ug/l	99
83) tert-Butylbenzene	13.202	119	291467	19.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	370238	21.026	ug/l	97
85) sec-Butylbenzene	13.379	105	458187	20.429	ug/l	98
86) p-Isopropyltoluene	13.495	119	365551	19.740	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	208260	22.108	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	198764	20.596	ug/l	94
89) n-Butylbenzene	13.818	91	377459	20.863	ug/l	97
90) Hexachloroethane	14.086	117	68581	20.540	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	182729	21.131	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17369	20.245	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	105044	19.089	ug/l	95
94) Hexachlorobutadiene	15.226	225	48778	21.339	ug/l	93
95) Naphthalene	15.360	128	247278	18.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	98437	19.703	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

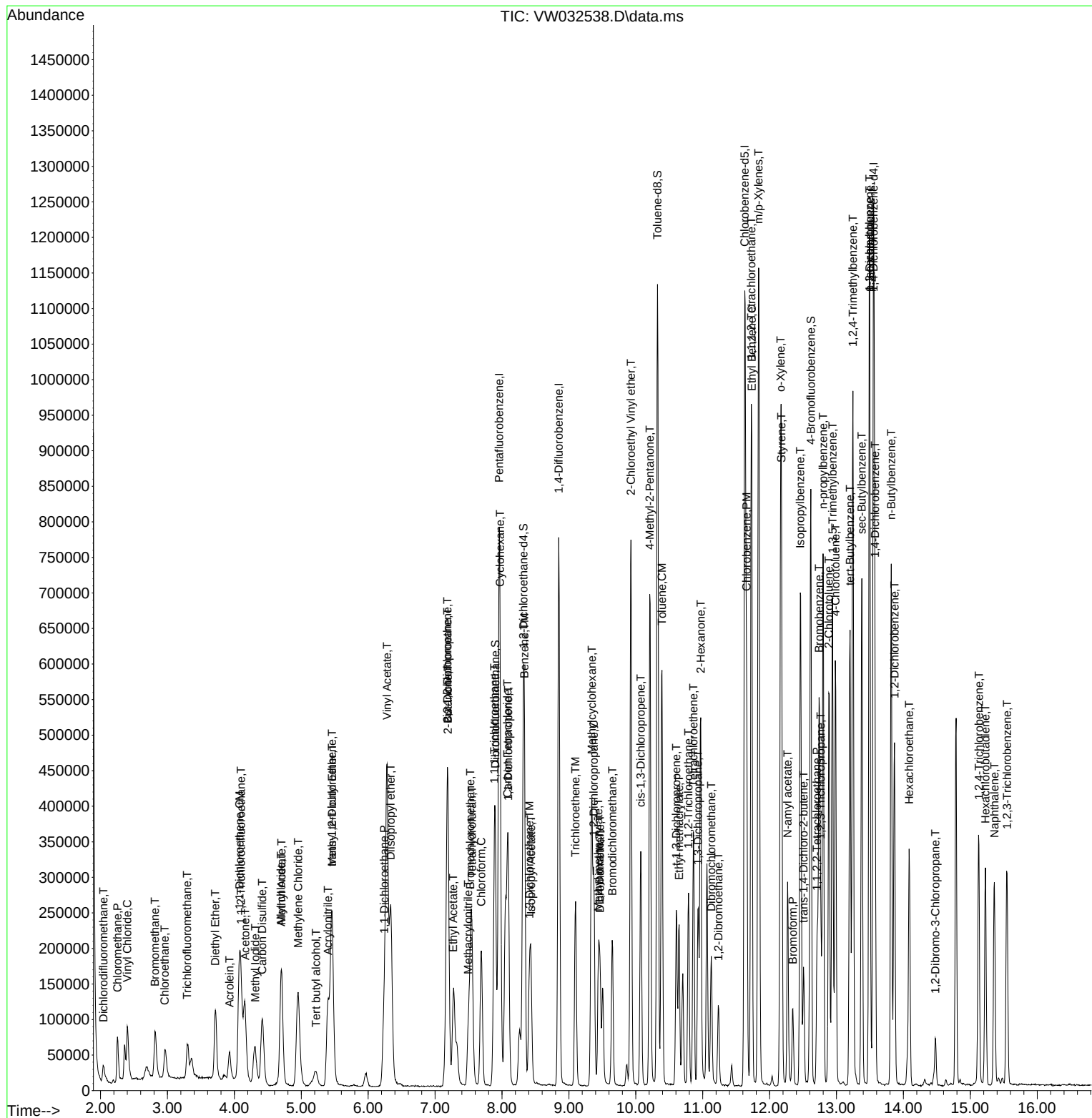
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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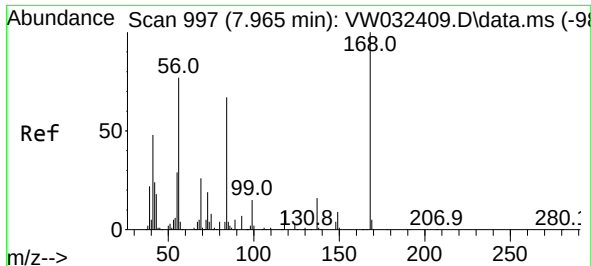
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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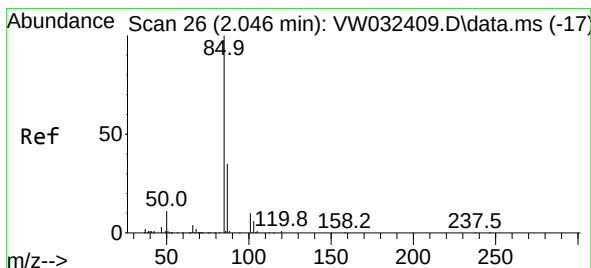
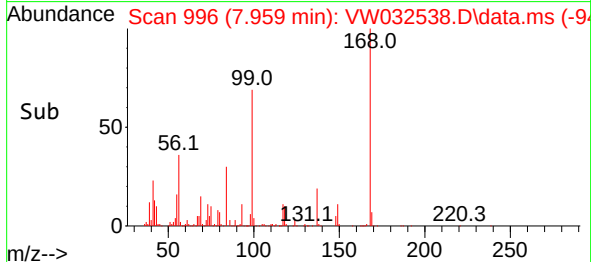
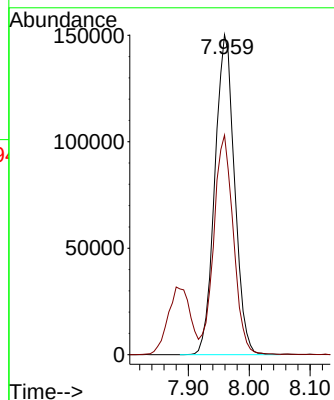
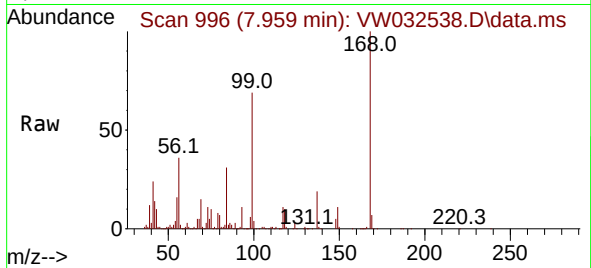




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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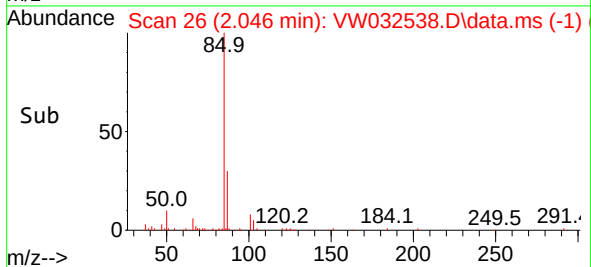
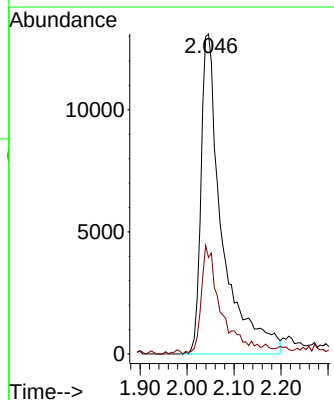
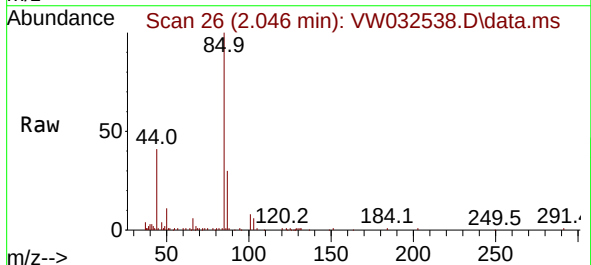
Instrument :
MSVOA_W
ClientSampleId :

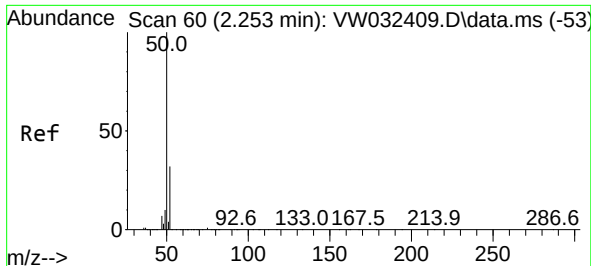
Tgt Ion:168 Resp: 337562
Ion Ratio Lower Upper
168 100
99 68.5 45.4 68.2#



#2
Dichlorodifluoromethane
Concen: 23.872 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 85 Resp: 40884
Ion Ratio Lower Upper
85 100
87 29.3 17.4 52.2

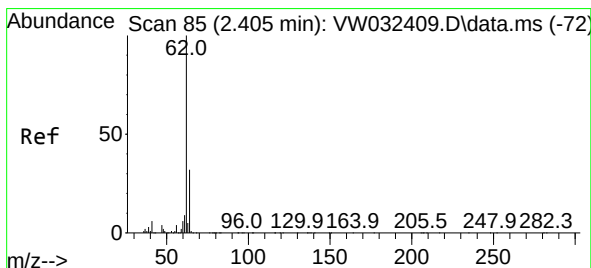
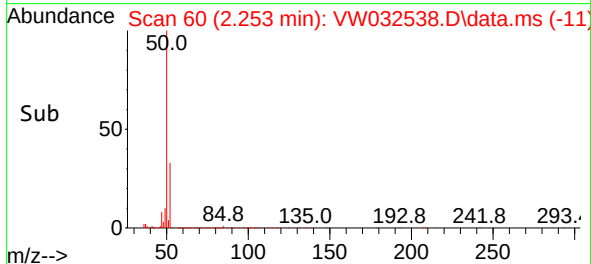
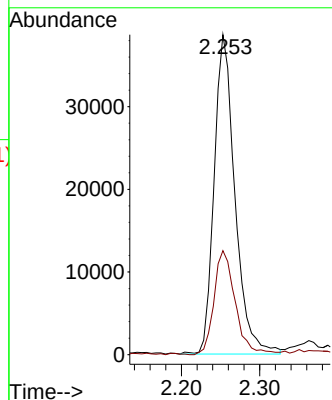
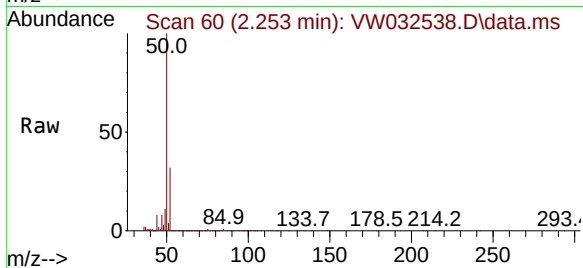




#3
Chloromethane
Concen: 24.278 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

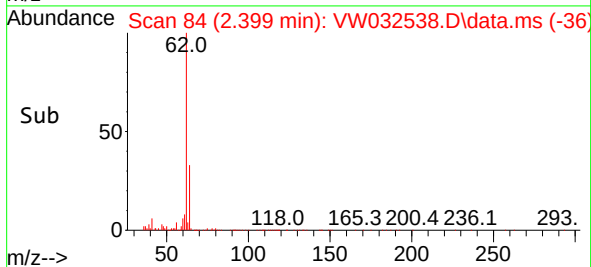
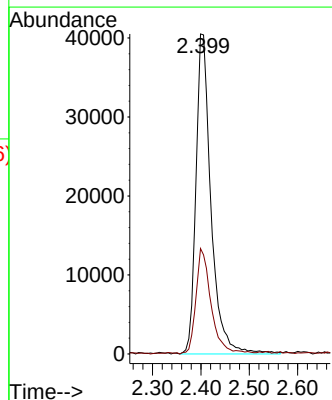
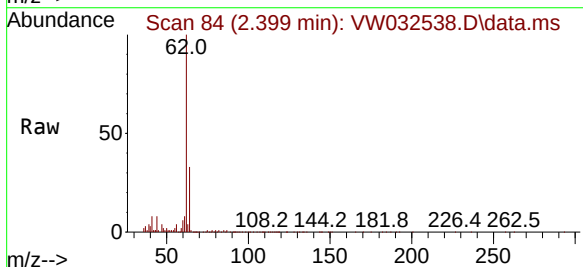
Instrument :
MSVOA_W
ClientSampleId :

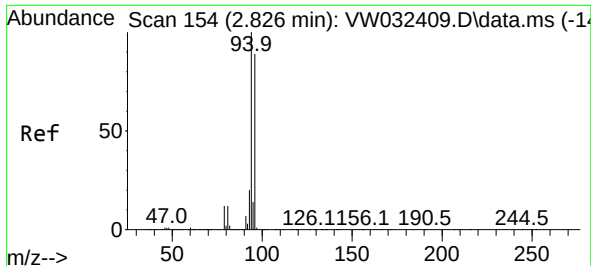
Tgt Ion: 50 Resp: 71270
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 23.651 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 62 Resp: 87624
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8

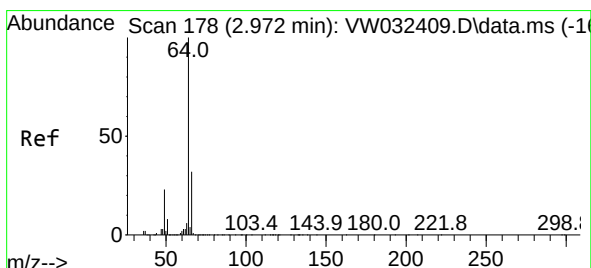
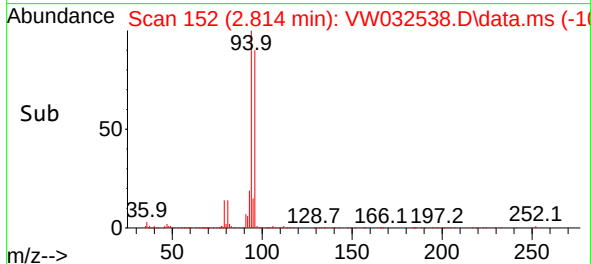
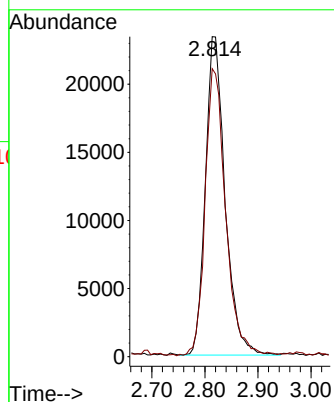
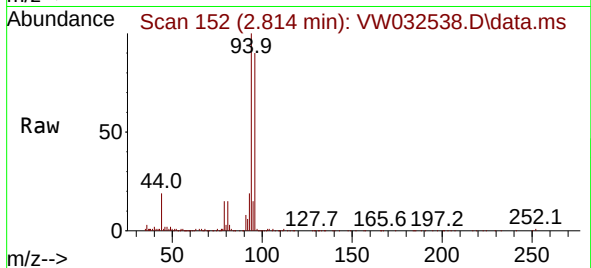




#5
Bromomethane
Concen: 24.378 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

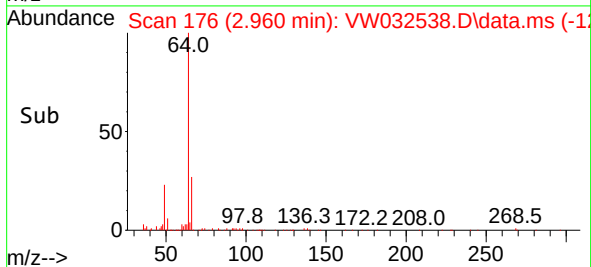
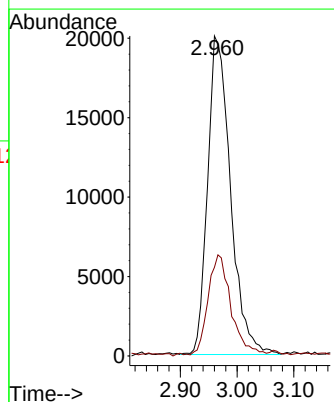
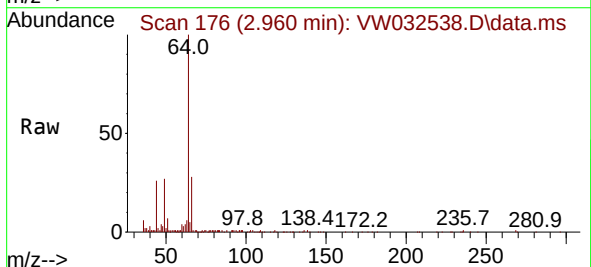
Instrument :
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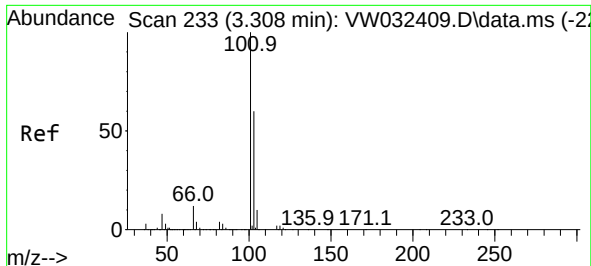
Tgt Ion: 94 Resp: 60416
Ion Ratio Lower Upper
94 100
96 89.5 71.4 107.2



#6
Chloroethane
Concen: 23.229 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.012 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 64 Resp: 56305
Ion Ratio Lower Upper
64 100
66 27.0 25.6 38.4

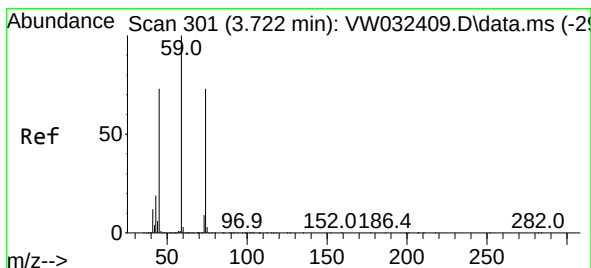
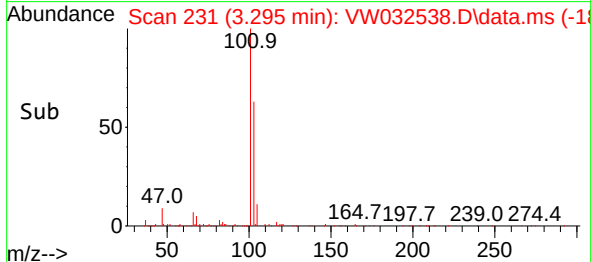
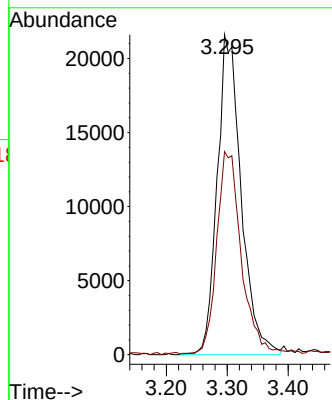
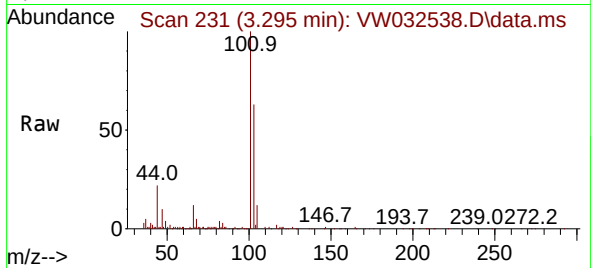




#7
Trichlorofluoromethane
Concen: 20.310 ug/l
RT: 3.295 min Scan# 21
Delta R.T. -0.012 min
Lab File: VW032538.D
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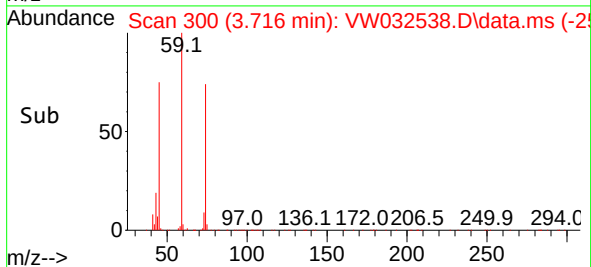
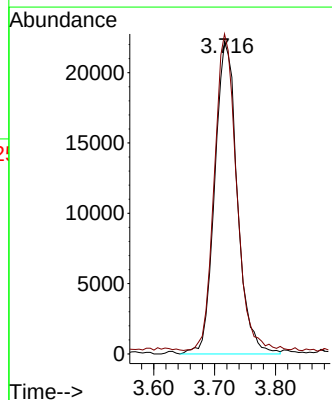
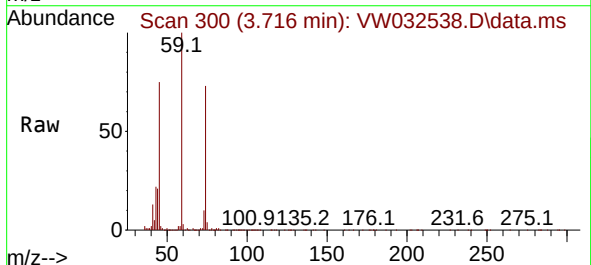
Instrument :
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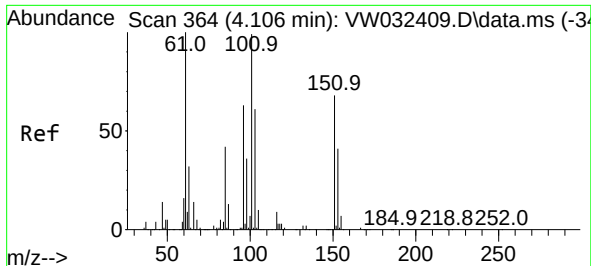
Tgt Ion:101 Resp: 58995
Ion Ratio Lower Upper
101 100
103 63.2 48.0 72.0



#8
Diethyl Ether
Concen: 24.075 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 74 Resp: 57175
Ion Ratio Lower Upper
74 100
45 99.7 51.8 155.4

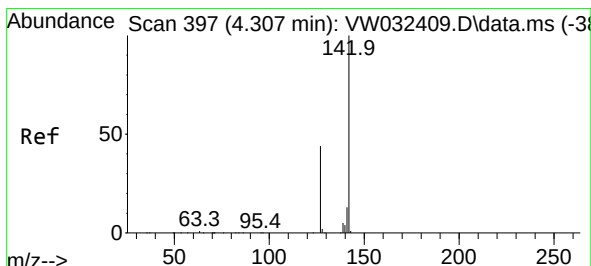
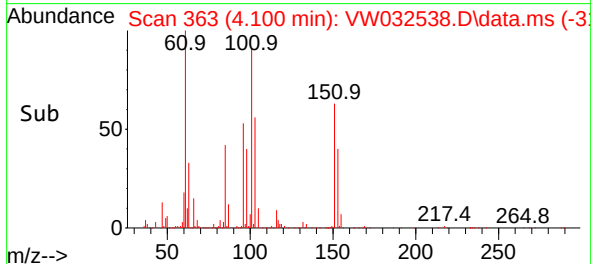
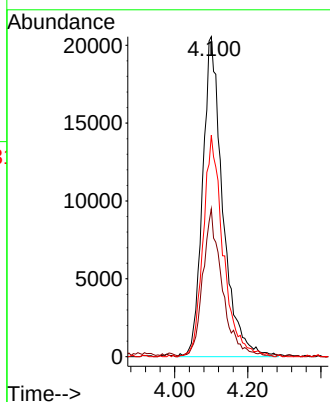
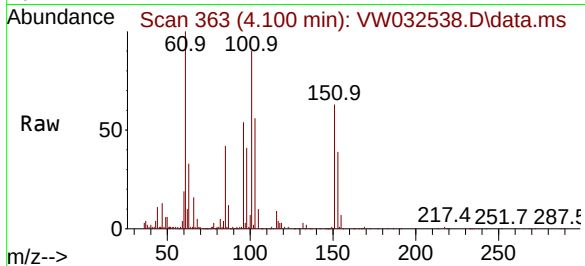




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.853 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

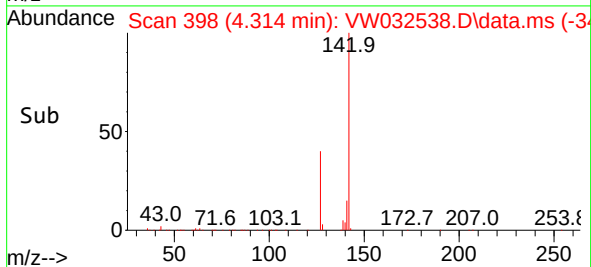
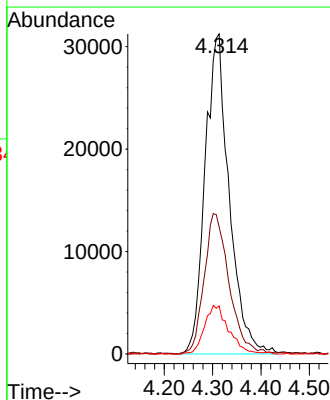
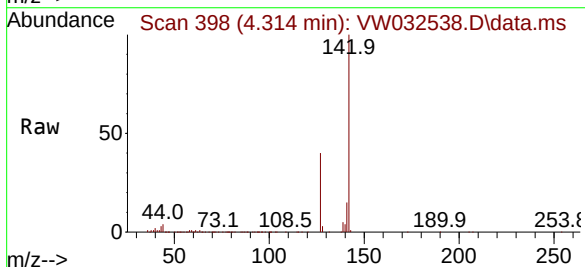
Instrument :
MSVOA_W
ClientSampleId :

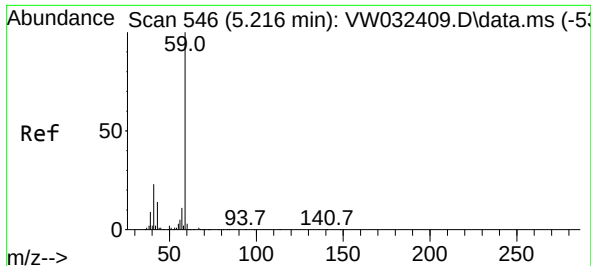
Tgt Ion:101 Resp: 78641
Ion Ratio Lower Upper
101 100
85 43.0 34.1 51.1
151 68.8 56.4 84.6



#10
Methyl Iodide
Concen: 21.185 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:142 Resp: 107964
Ion Ratio Lower Upper
142 100
127 45.6 34.2 51.2
141 15.3 11.8 17.8

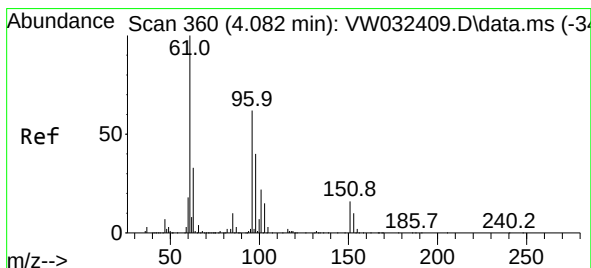
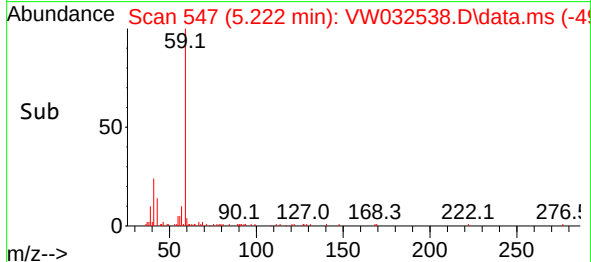
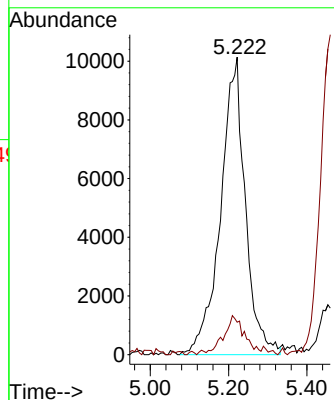
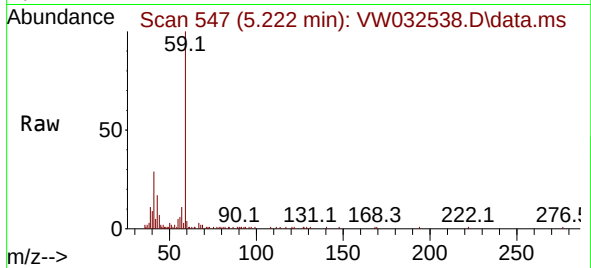




#11
Tert butyl alcohol
Concen: 118.156 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

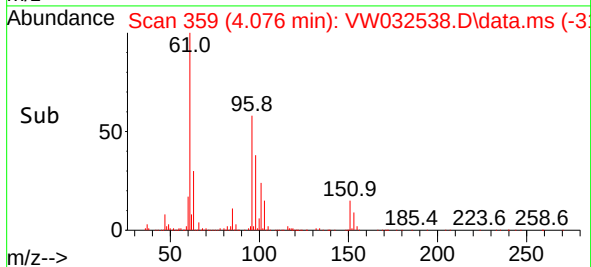
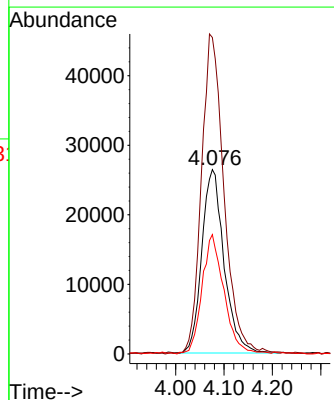
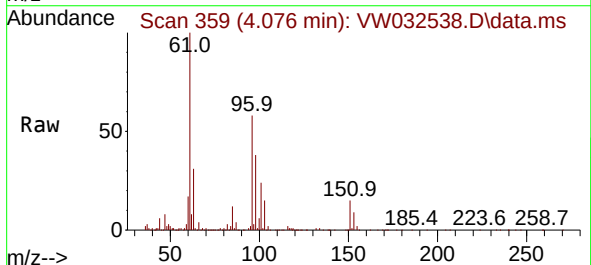
Instrument :
MSVOA_W
ClientSampleId :

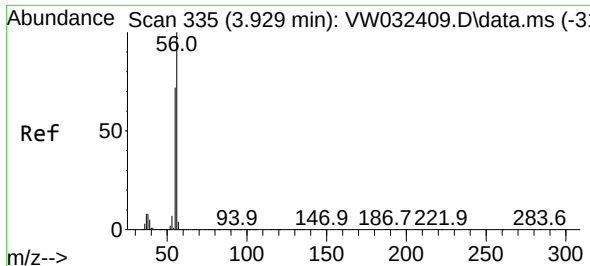
Tgt Ion: 59 Resp: 44464
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 23.245 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 96 Resp: 84340
Ion Ratio Lower Upper
96 100
61 171.7 129.0 193.6
98 64.6 51.1 76.7

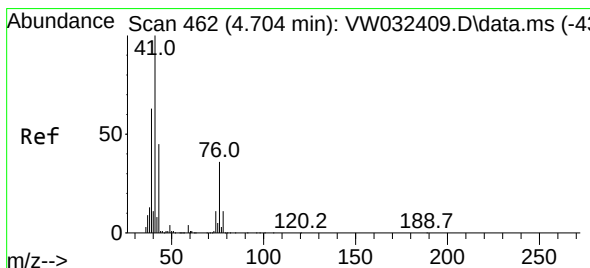
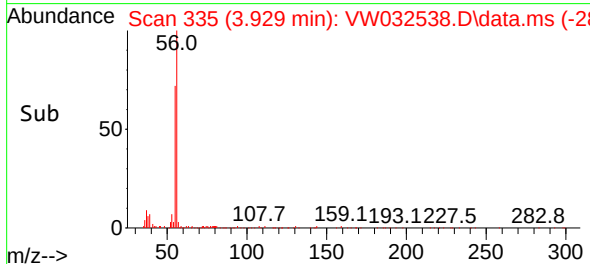
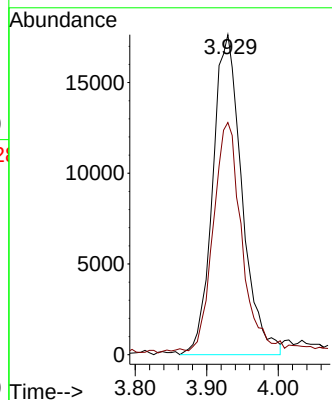
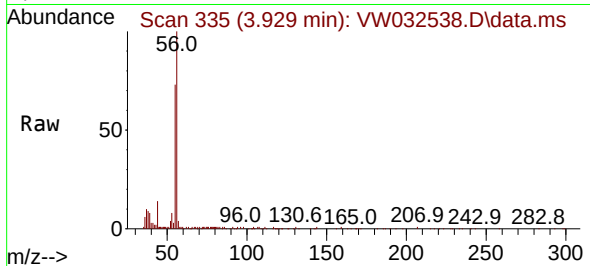




#13
Acrolein
Concen: 79.463 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

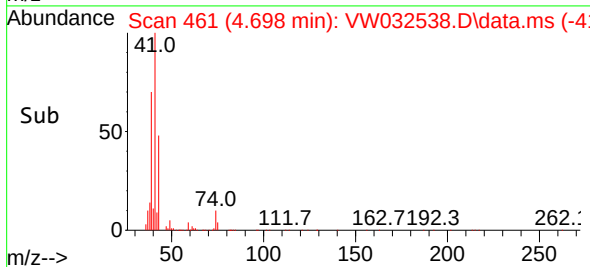
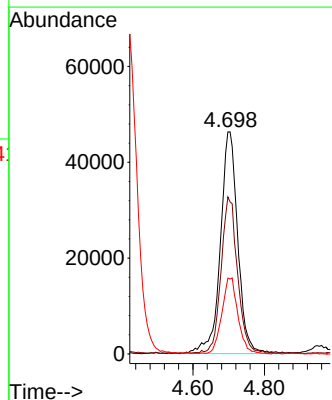
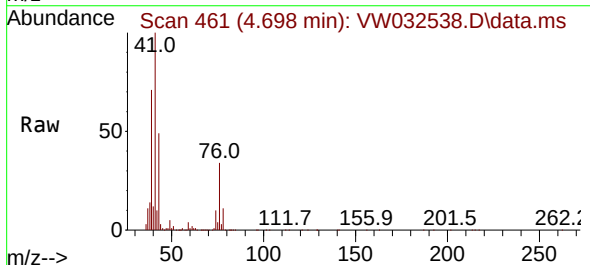
Instrument :
MSVOA_W
ClientSampleId :

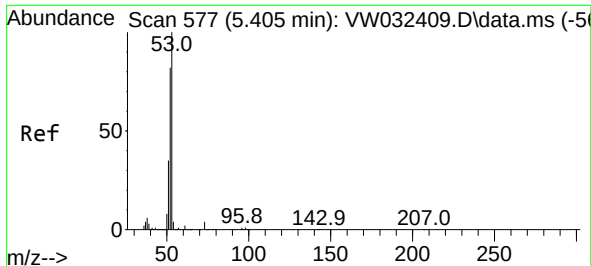
Tgt Ion: 56 Resp: 50172
Ion Ratio Lower Upper
56 100
55 68.9 56.3 84.5



#14
Allyl chloride
Concen: 22.489 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 41 Resp: 156916
Ion Ratio Lower Upper
41 100
39 66.6 50.2 75.2
76 31.8 27.0 40.6

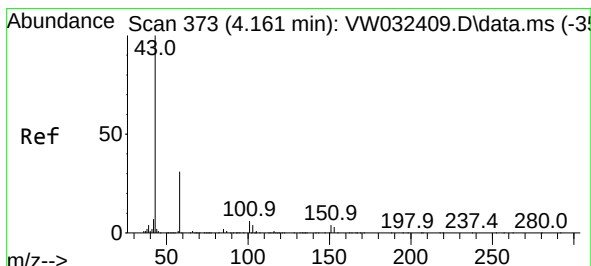
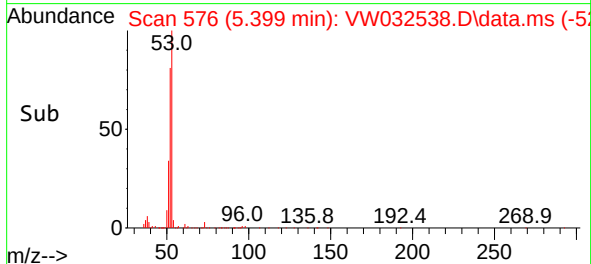
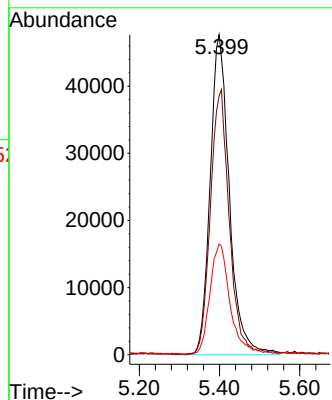
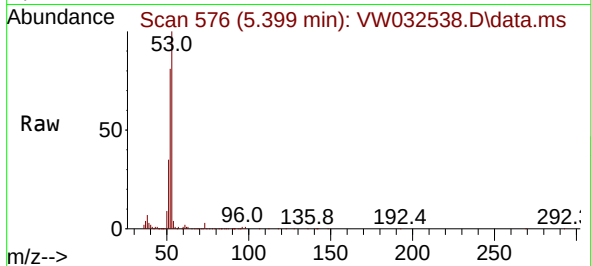




#15
Acrylonitrile
Concen: 115.107 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

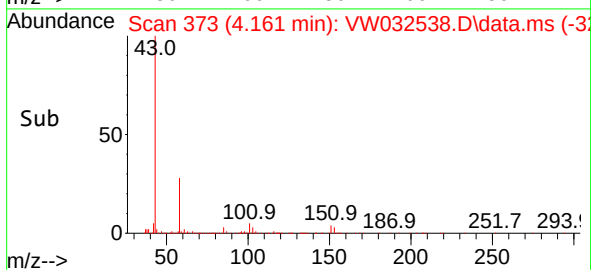
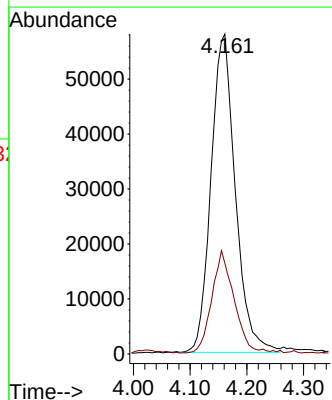
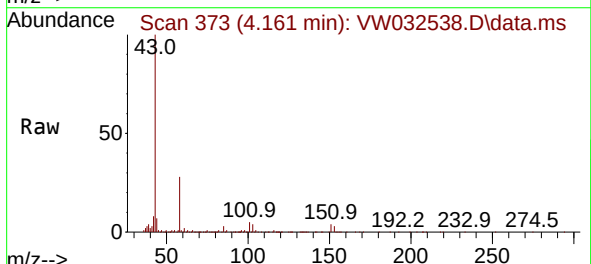
Instrument :
MSVOA_W
ClientSampleId :

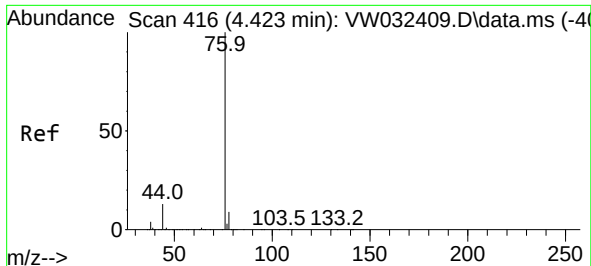
Tgt Ion: 53 Resp: 158055
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.3 28.6 43.0



#16
Acetone
Concen: 132.502 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 43 Resp: 172518
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2

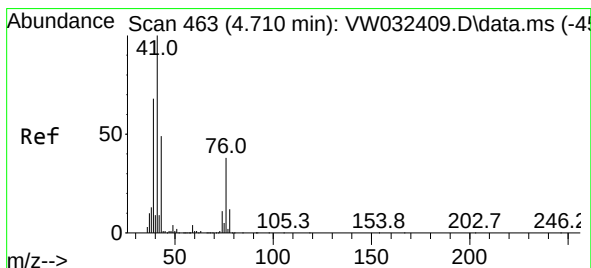
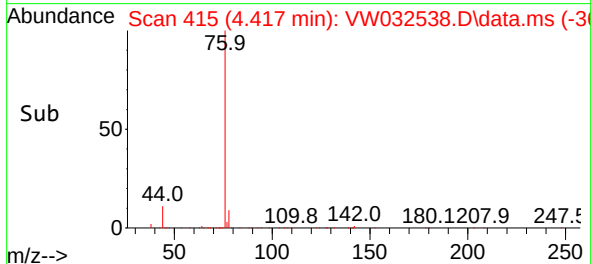
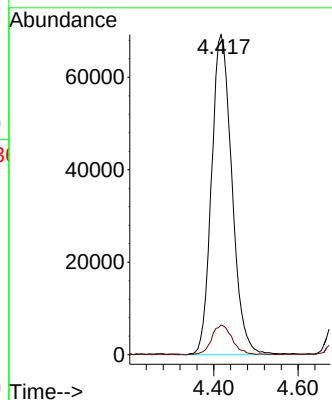
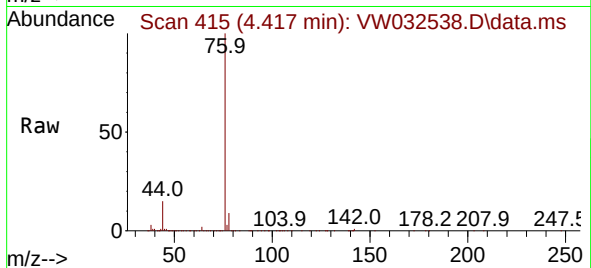




#17
Carbon Disulfide
Concen: 21.687 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

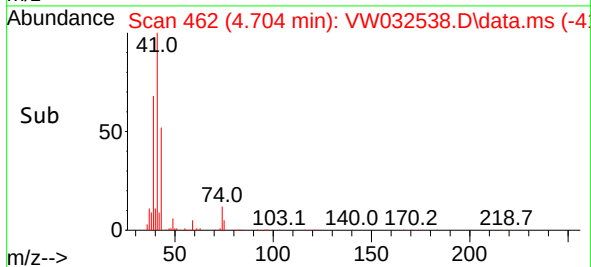
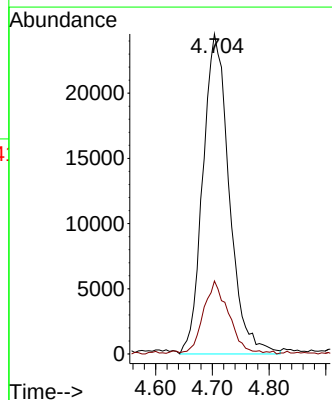
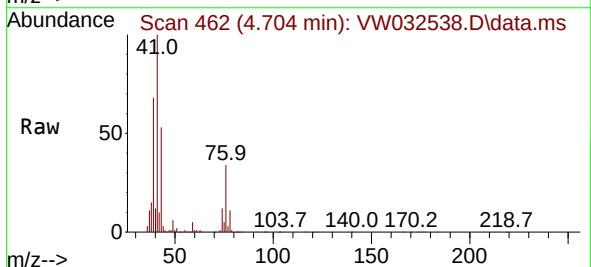
Instrument :
MSVOA_W
ClientSampleId :

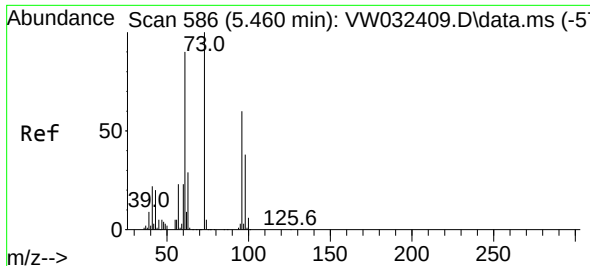
Tgt Ion: 76 Resp: 232572
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 24.618 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 43 Resp: 79374
Ion Ratio Lower Upper
43 100
74 21.1 18.9 28.3

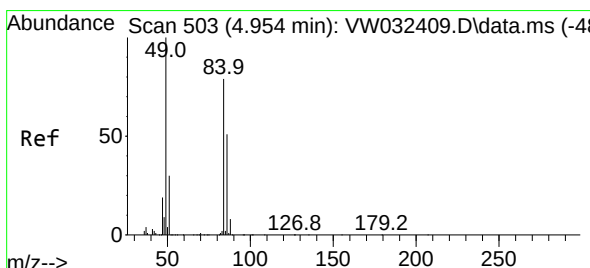
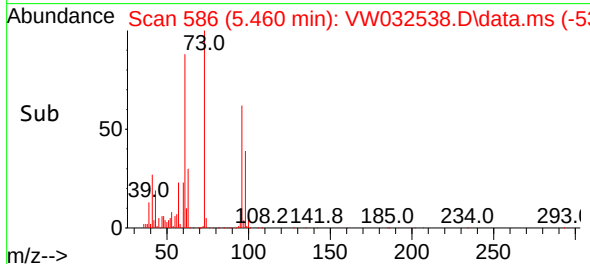
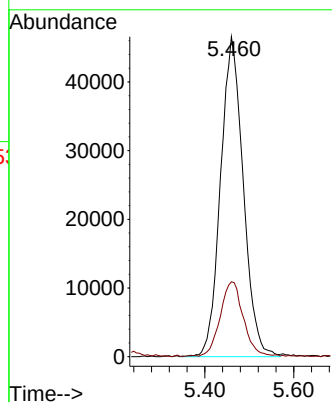
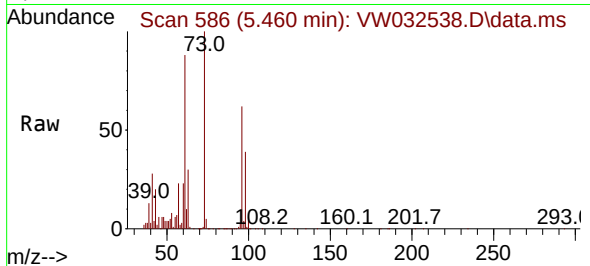




#19
Methyl tert-butyl Ether
Concen: 21.581 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

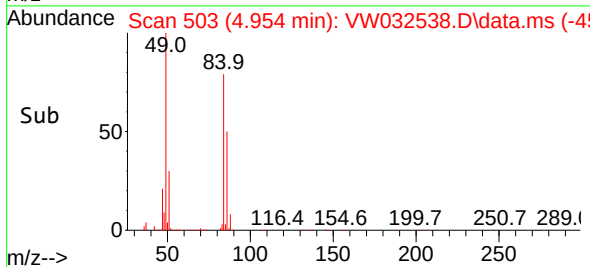
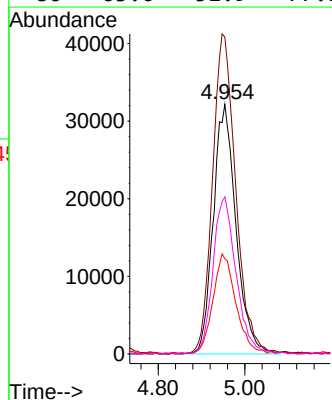
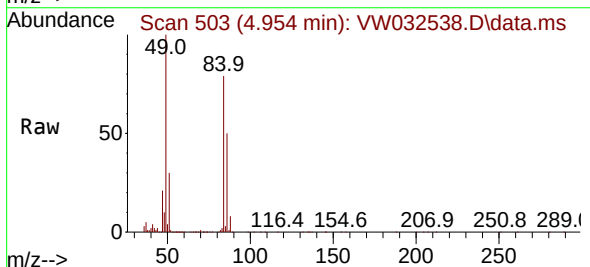
Instrument :
MSVOA_W
ClientSampleId :

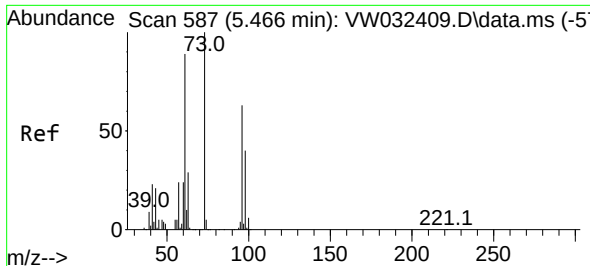
Tgt Ion: 73 Resp: 165056
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5



#20
Methylene Chloride
Concen: 25.266 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 84 Resp: 117647
Ion Ratio Lower Upper
84 100
49 126.6 101.5 152.3
51 38.0 30.6 46.0
86 63.0 51.9 77.9

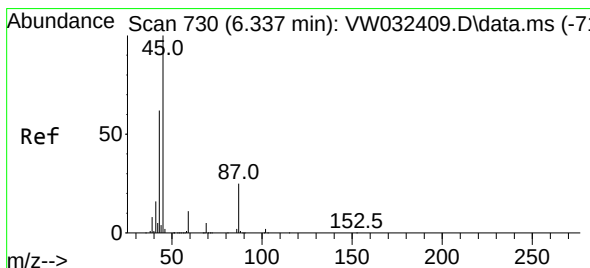
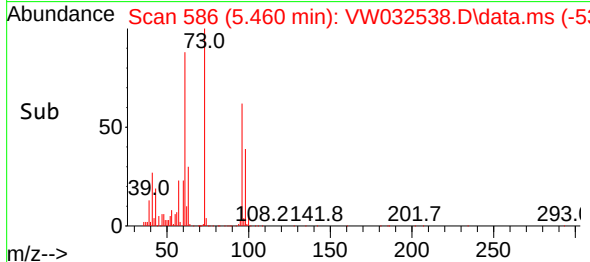
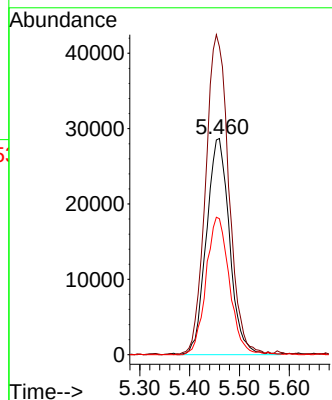
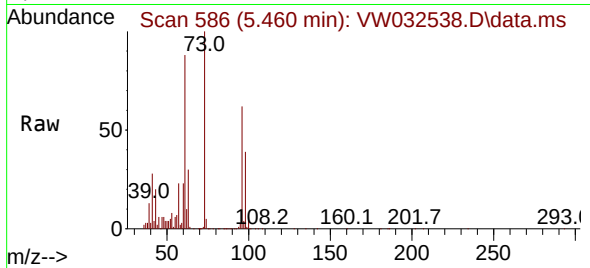




#21
trans-1,2-Dichloroethene
Concen: 22.264 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

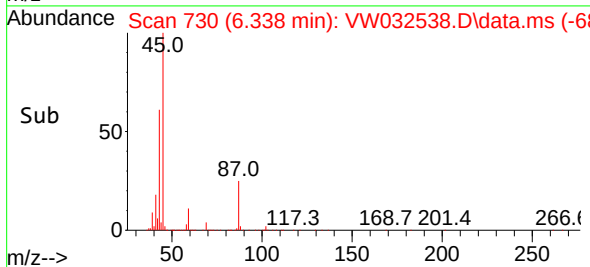
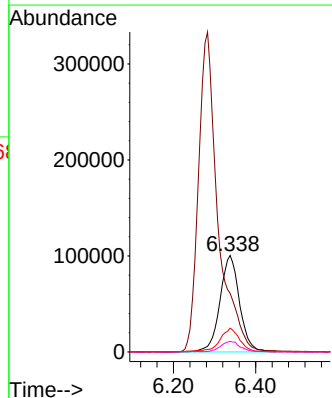
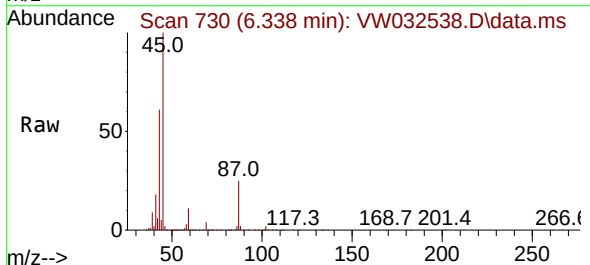
Instrument :
MSVOA_W
ClientSampleId :

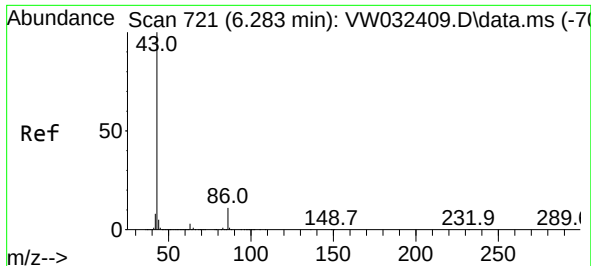
Tgt Ion: 96 Resp: 92366
Ion Ratio Lower Upper
96 100
61 142.1 112.5 168.7
98 62.9 51.1 76.7



#22
Diisopropyl ether
Concen: 23.404 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 45 Resp: 332486
Ion Ratio Lower Upper
45 100
43 60.6 49.4 74.2
87 24.6 20.1 30.1
59 10.7 9.0 13.4

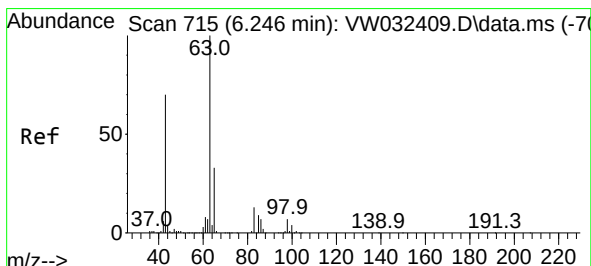
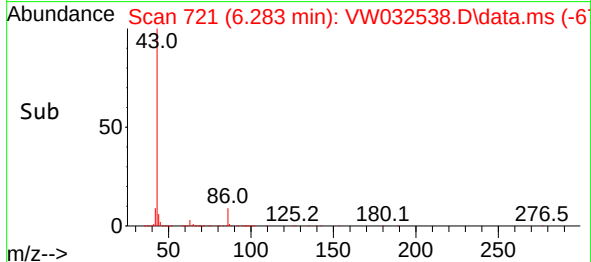
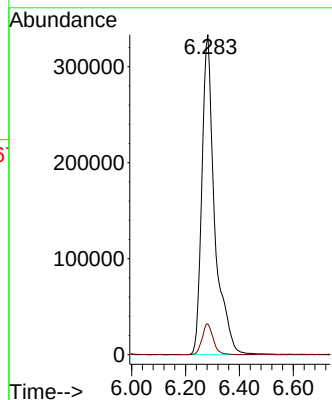
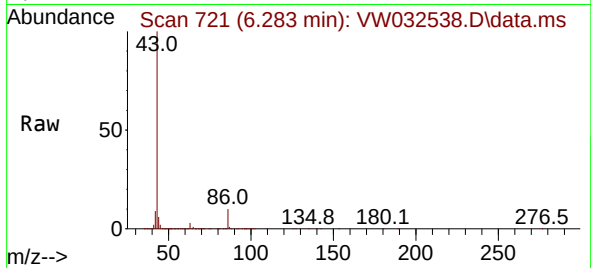




#23
 Vinyl Acetate
 Concen: 112.990 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

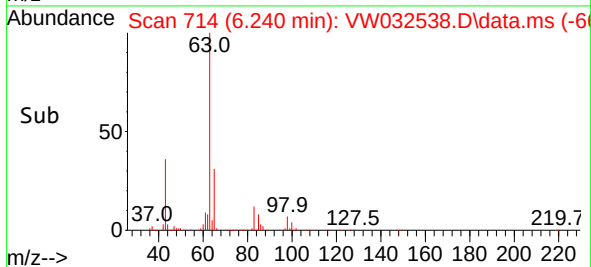
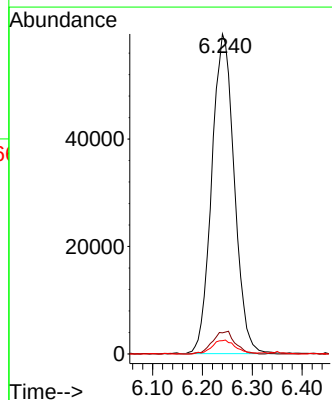
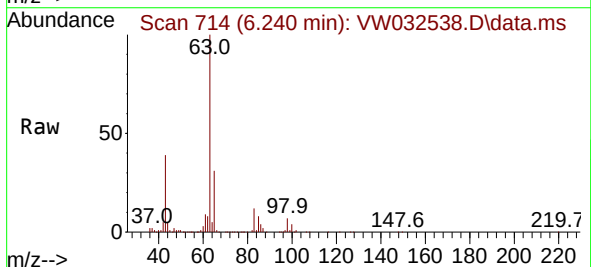
Instrument :
 MSVOA_W
 ClientSampleId :

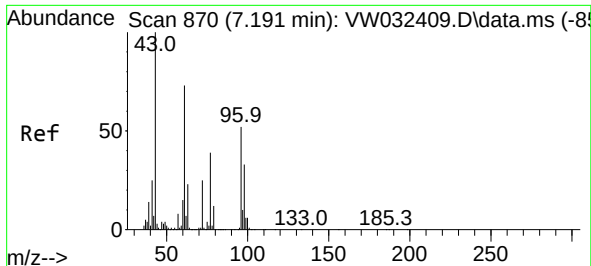
Tgt Ion: 43 Resp: 1099752
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.987 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Tgt Ion: 63 Resp: 186701
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.1 2.3 6.8

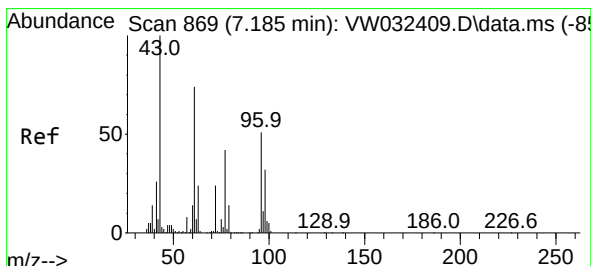
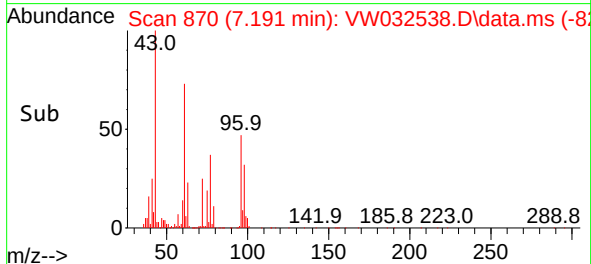
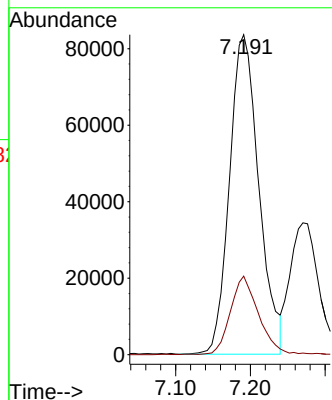
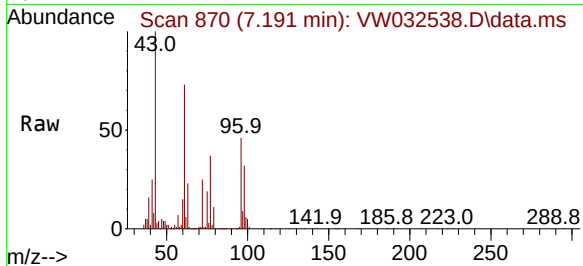




#25
2-Butanone
Concen: 119.148 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

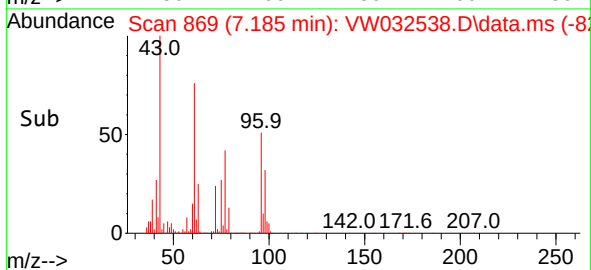
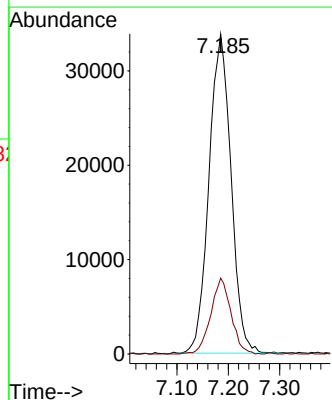
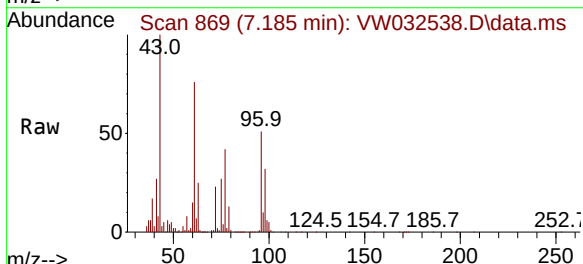
Instrument :
MSVOA_W
ClientSampleId :

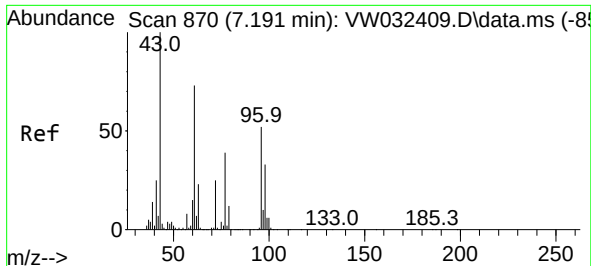
Tgt Ion: 43 Resp: 228547
Ion Ratio Lower Upper
43 100
72 24.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 23.233 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 77 Resp: 100778
Ion Ratio Lower Upper
77 100
97 21.9 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 22.434 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

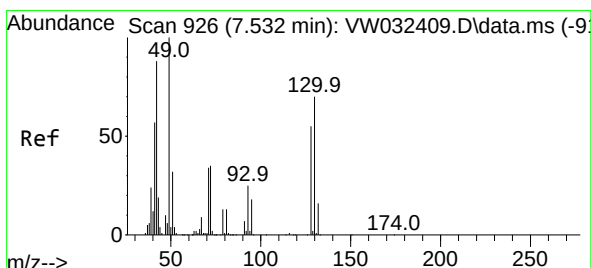
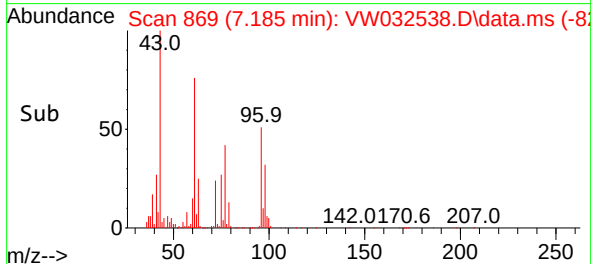
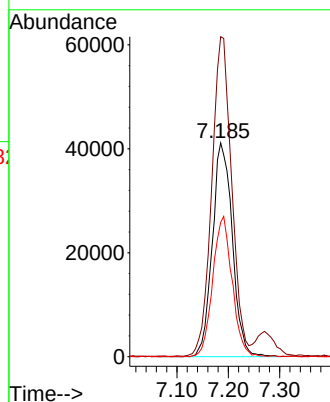
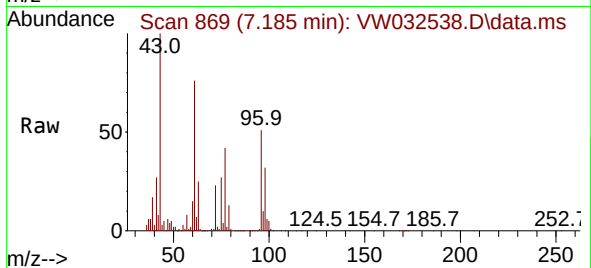
Tgt Ion: 96 Resp: 111212

Ion Ratio Lower Upper

96 100

61 148.6 0.0 282.6

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 24.333 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

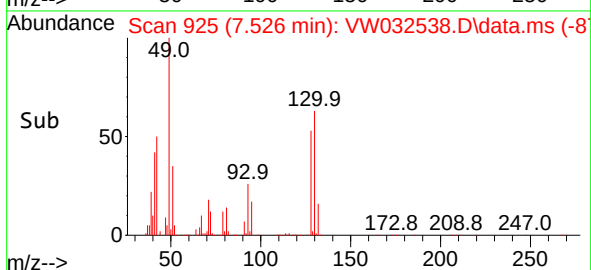
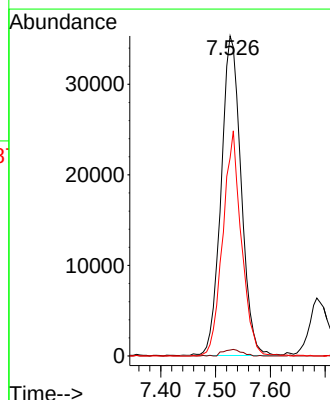
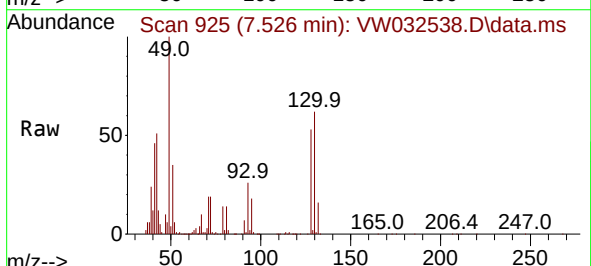
Tgt Ion: 49 Resp: 89514

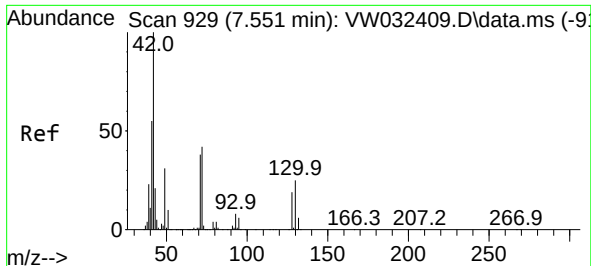
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 65.8 56.9 85.3

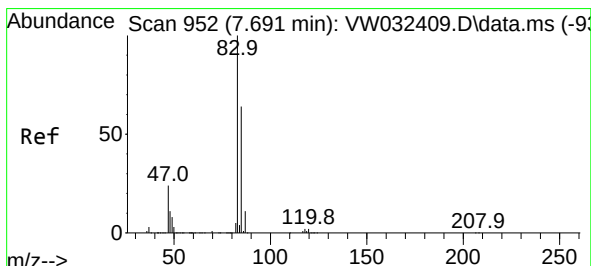
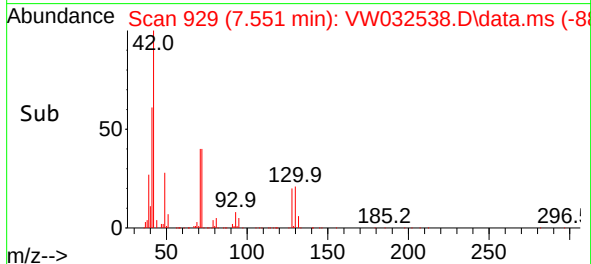
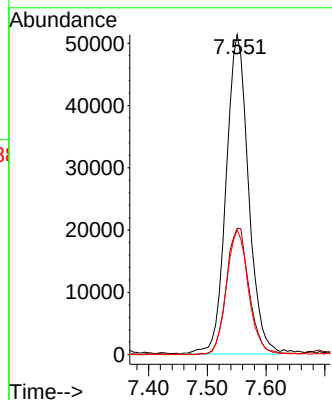
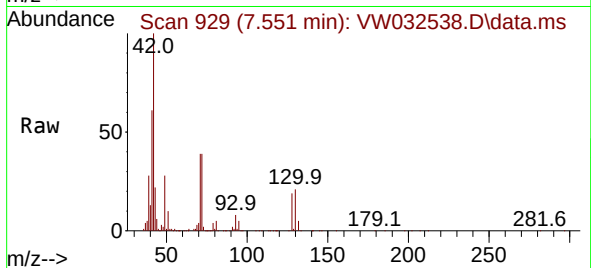




#29
Tetrahydrofuran
Concen: 111.938 ug/l
RT: 7.551 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

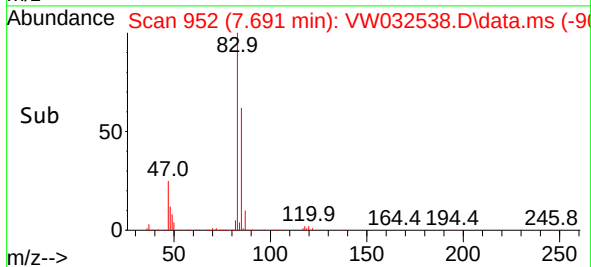
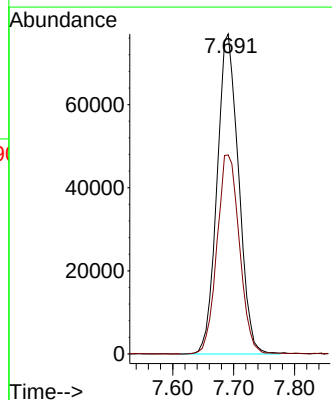
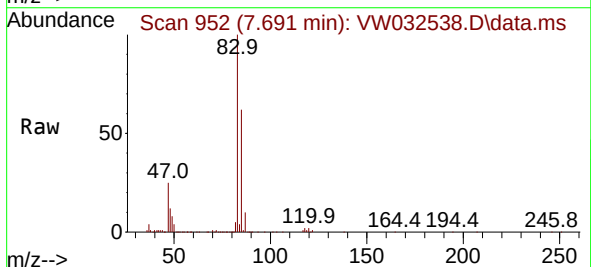
Instrument :
MSVOA_W
ClientSampleId :

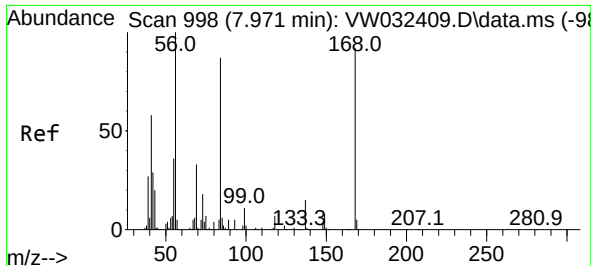
Tgt Ion: 42 Resp: 136283
Ion Ratio Lower Upper
42 100
72 40.3 33.6 50.4
71 38.5 31.4 47.0



#30
Chloroform
Concen: 24.789 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 83 Resp: 188879
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.4

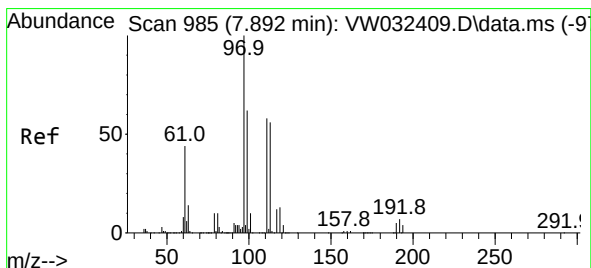
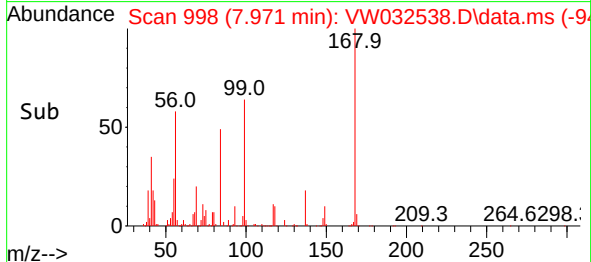
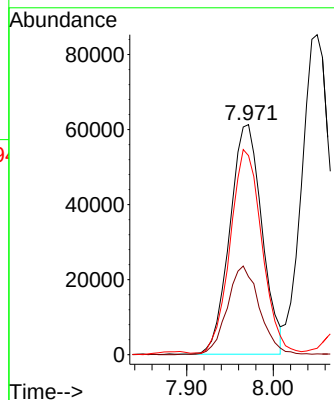
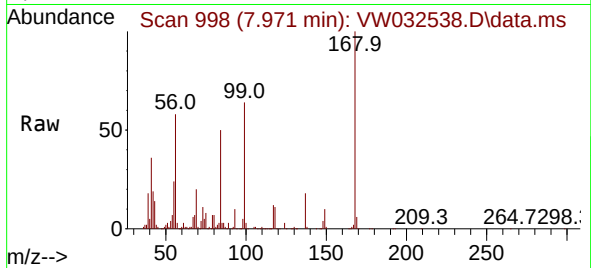




#31
Cyclohexane
Concen: 21.993 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

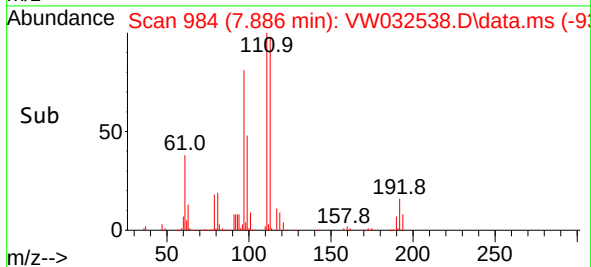
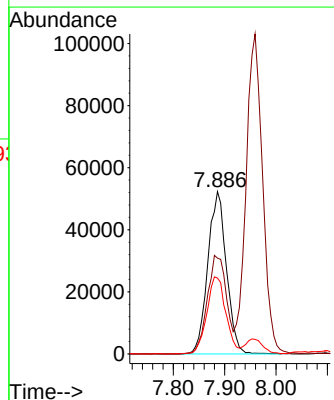
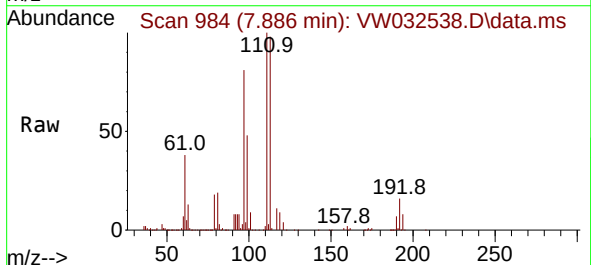
Instrument :
MSVOA_W
ClientSampleId :

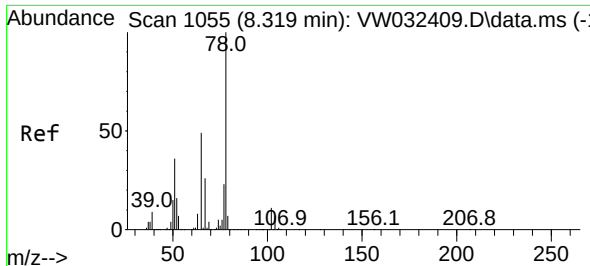
Tgt Ion: 56 Resp: 158345
Ion Ratio Lower Upper
56 100
69 33.8 26.5 39.7
84 85.3 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 24.202 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

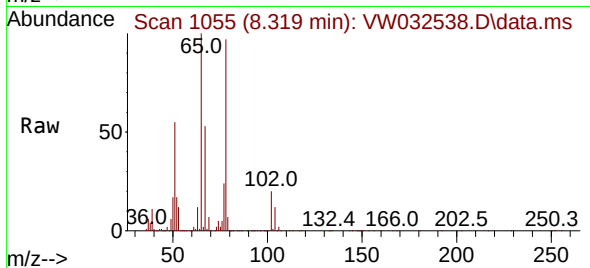
Tgt Ion: 97 Resp: 131738
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.8
61 48.6 35.5 53.3



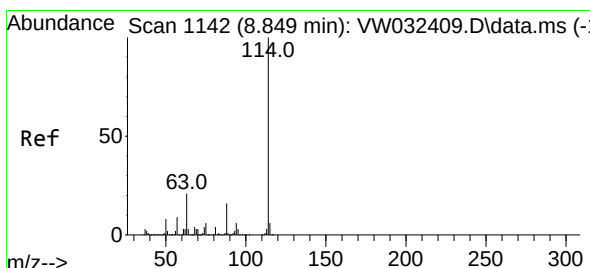
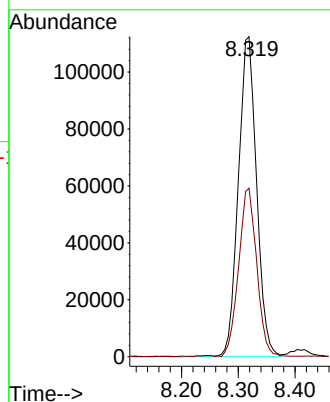
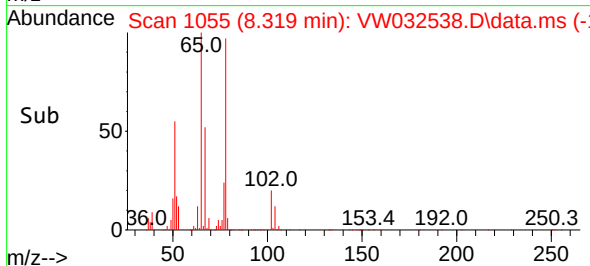


#33
 1,2-Dichloroethane-d4
 Concen: 57.619 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Instrument :
 MSVOA_W
 ClientSampleId :

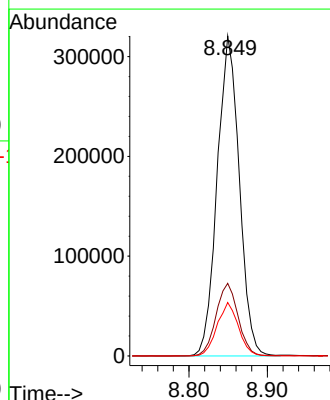
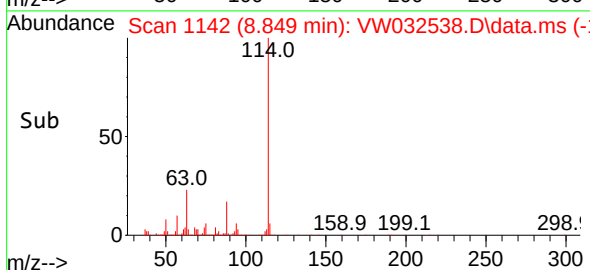
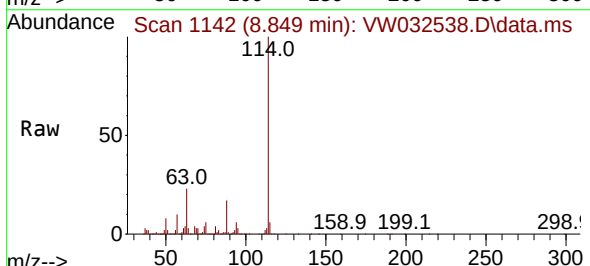


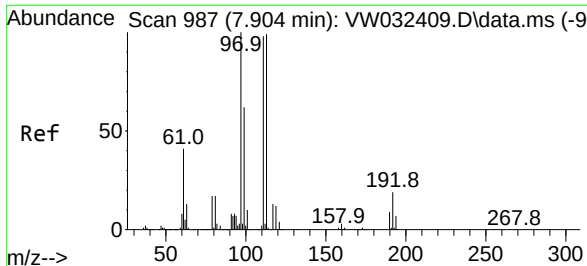
Tgt Ion: 65 Resp: 250756
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Tgt Ion: 114 Resp: 629179
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 16.7 0.0 32.6

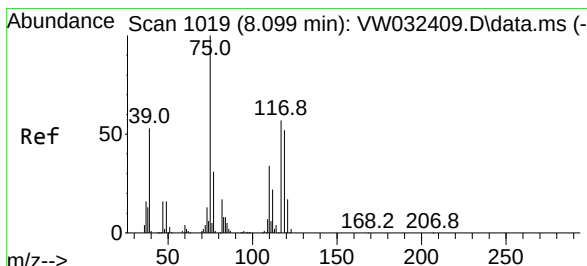
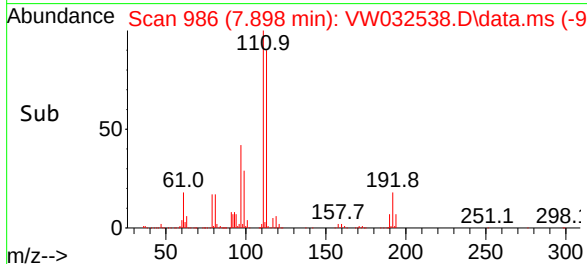
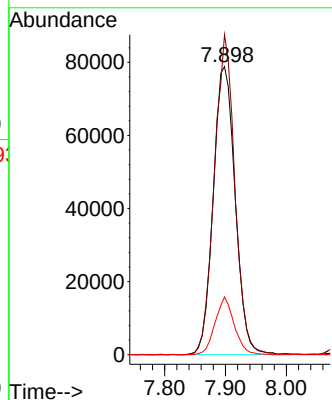
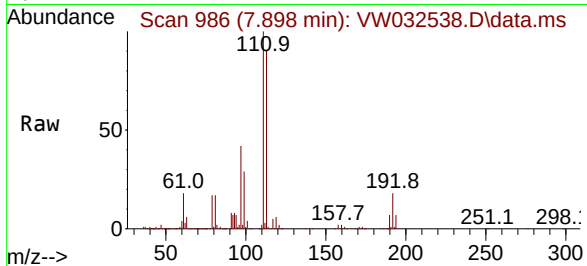




#35
Dibromofluoromethane
Concen: 52.385 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

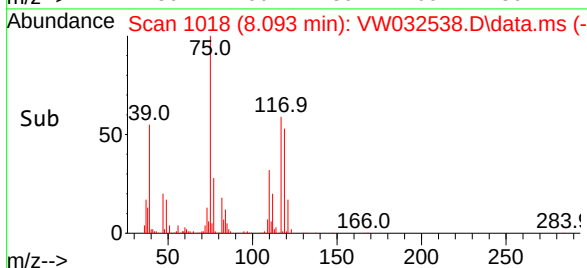
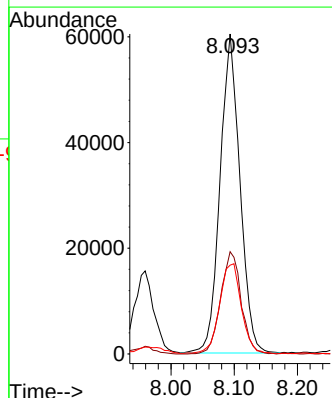
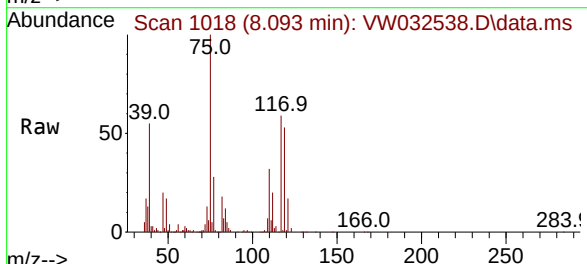
Instrument :
MSVOA_W
ClientSampleId :

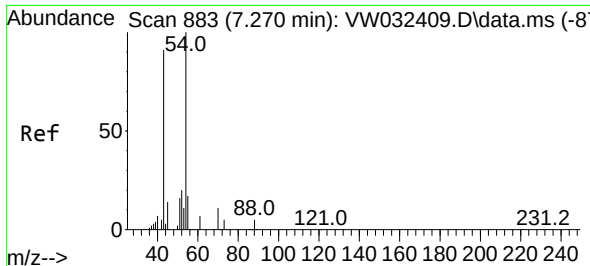
Tgt Ion:113 Resp: 197338
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.5 13.4 20.2



#36
1,1-Dichloropropene
Concen: 23.660 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 75 Resp: 131322
Ion Ratio Lower Upper
75 100
110 33.1 17.2 51.5
77 30.9 24.5 36.7

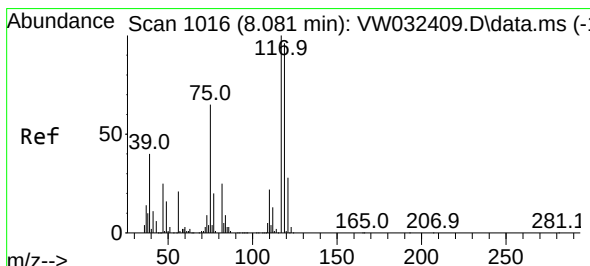
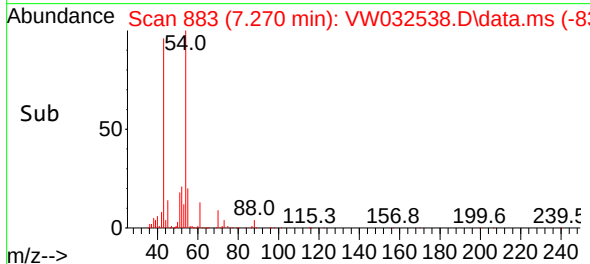
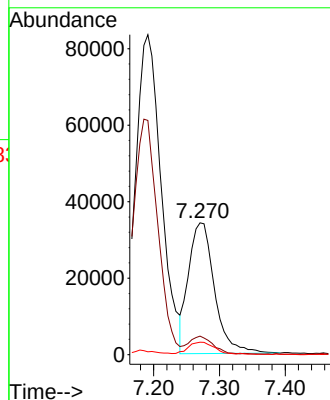
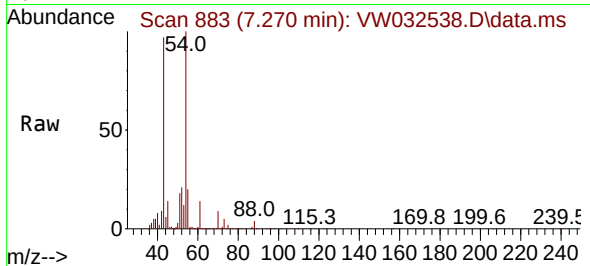




#37
Ethyl Acetate
Concen: 22.658 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

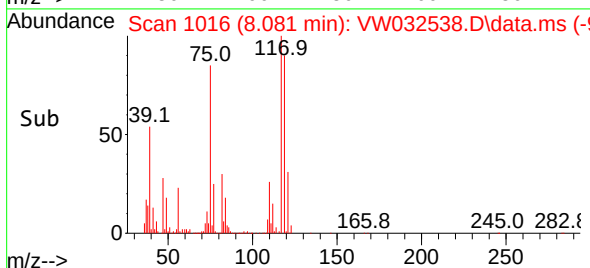
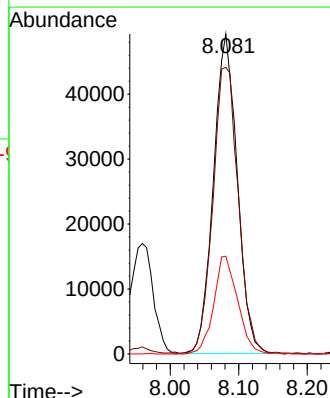
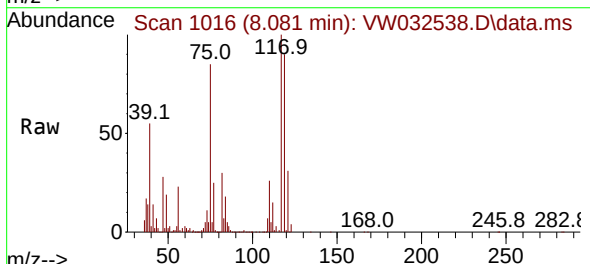
Instrument :
MSVOA_W
ClientSampleId :

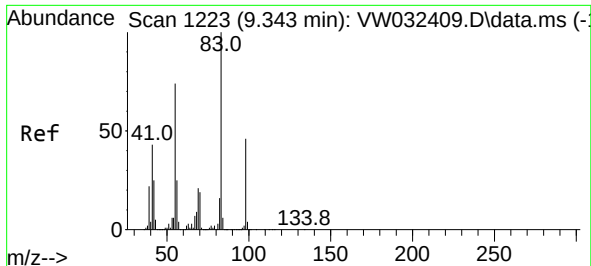
Tgt Ion: 43 Resp: 93514
Ion Ratio Lower Upper
43 100
61 11.9 11.0 16.6
70 8.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 24.025 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 117 Resp: 118484
Ion Ratio Lower Upper
117 100
119 89.5 77.0 115.4
121 30.6 22.0 33.0





#39

Methylcyclohexane

Concen: 20.965 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

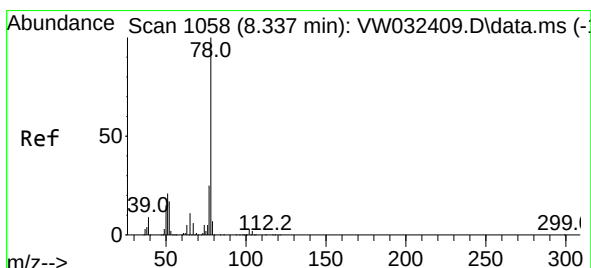
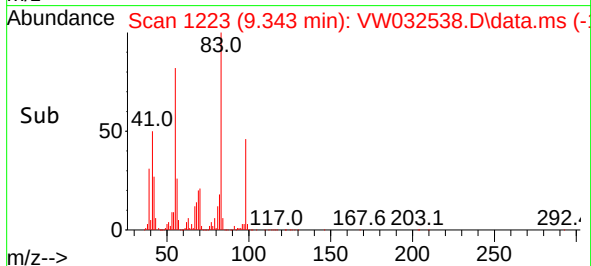
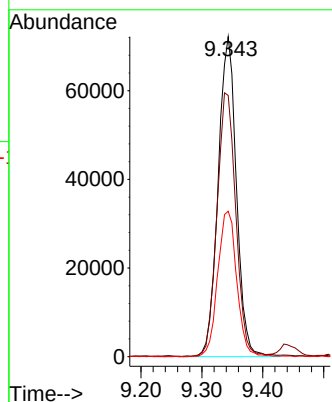
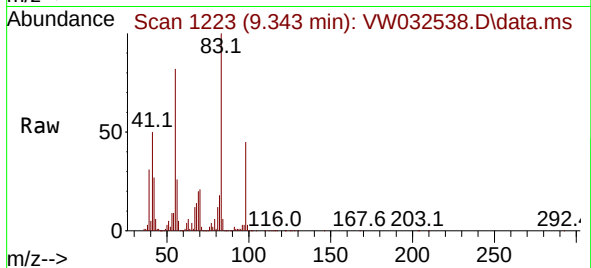
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 150748

Ion	Ratio	Lower	Upper
83	100		
55	81.5	59.2	88.8
98	45.5	36.6	54.8



#40

Benzene

Concen: 23.114 ug/l

RT: 8.337 min Scan# 1058

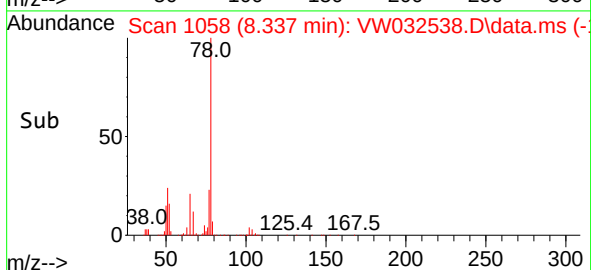
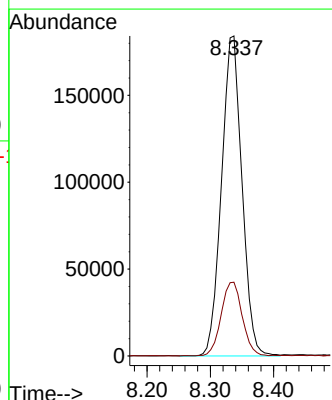
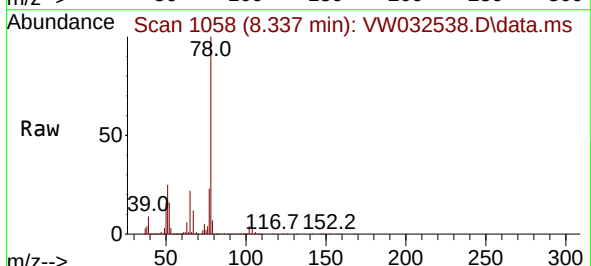
Delta R.T. 0.000 min

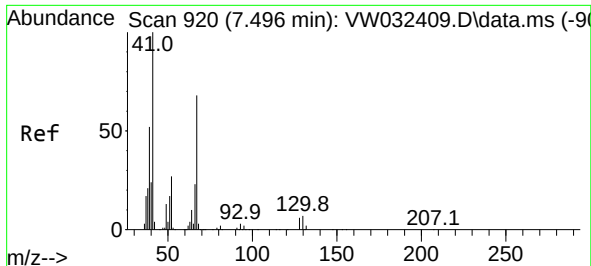
Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Tgt Ion: 78 Resp: 413141

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.6	29.4

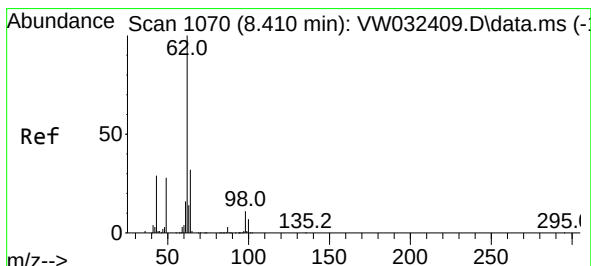
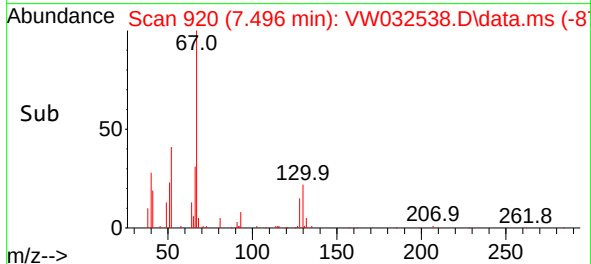
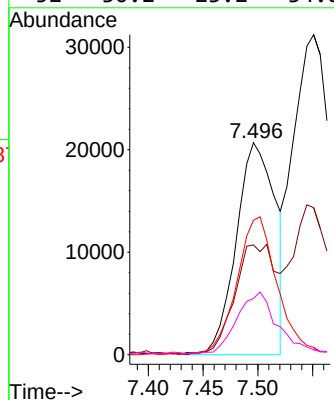
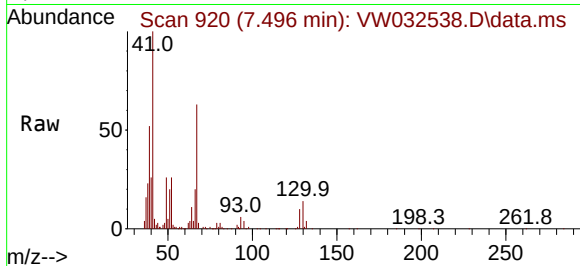




#41
Methacrylonitrile
Concen: 22.620 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

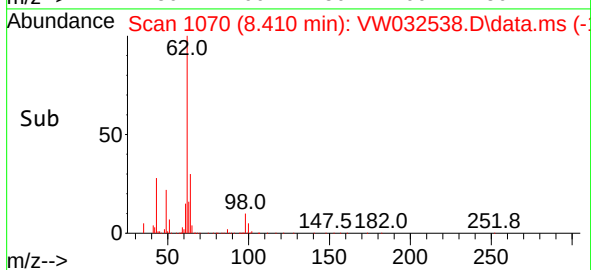
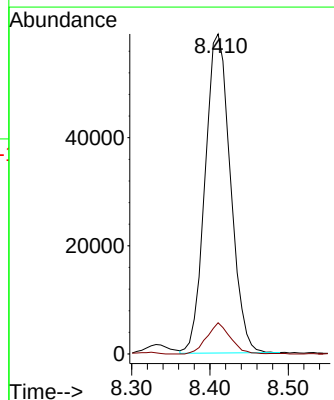
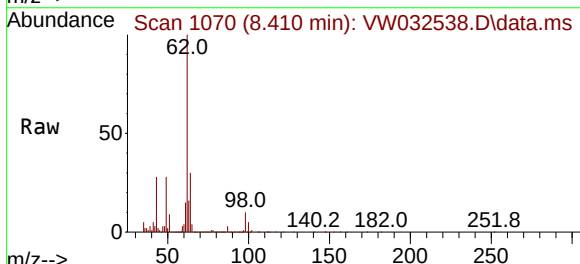
Instrument :
MSVOA_W
ClientSampleId :

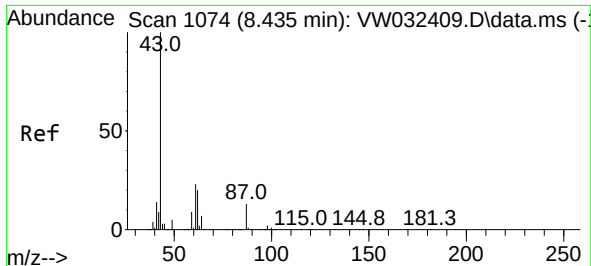
Tgt Ion:	41	Resp:	51285
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.6	66.8
67	66.3	57.6	86.4
52	30.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 25.218 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:	62	Resp:	132398
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

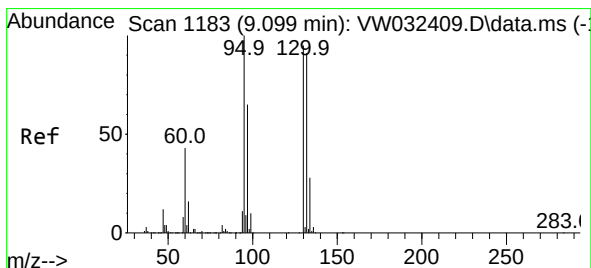
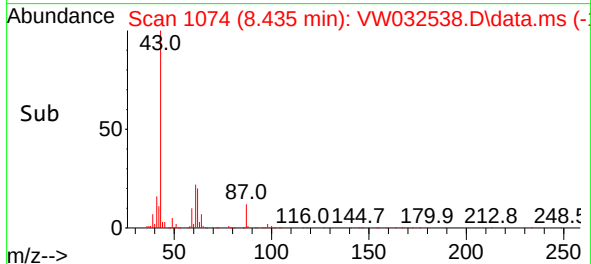
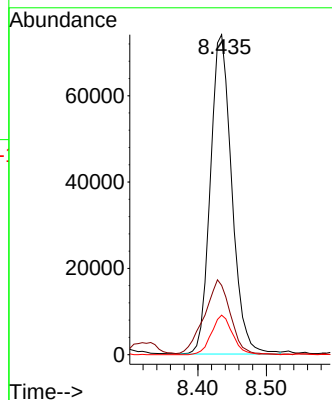
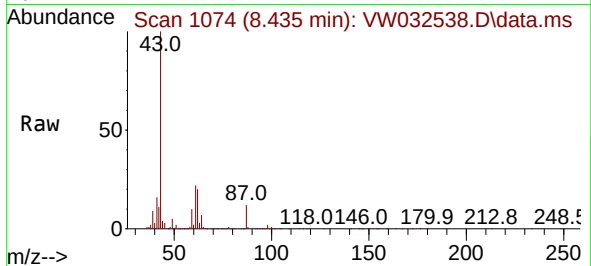




#43
Isopropyl Acetate
Concen: 21.949 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

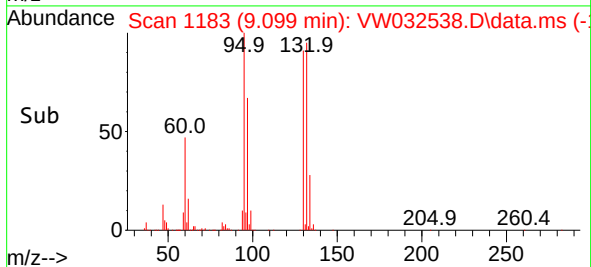
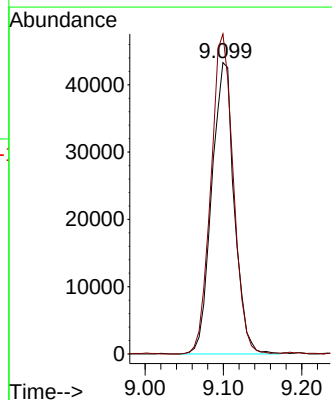
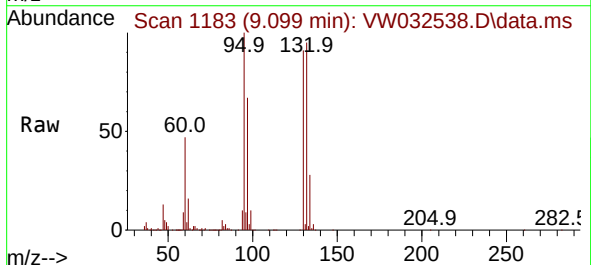
Instrument :
MSVOA_W
ClientSampleId :

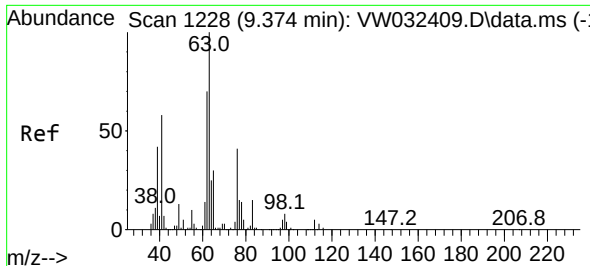
Tgt Ion: 43 Resp: 160403
Ion Ratio Lower Upper
43 100
61 28.5 22.6 33.8
87 12.2 10.6 15.8



#44
Trichloroethene
Concen: 20.801 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:130 Resp: 86516
Ion Ratio Lower Upper
130 100
95 109.8 0.0 209.6

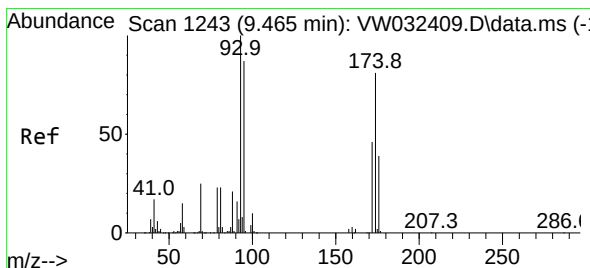
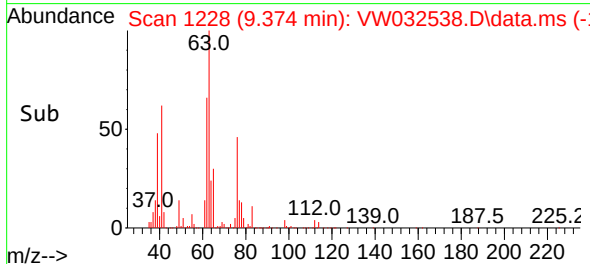
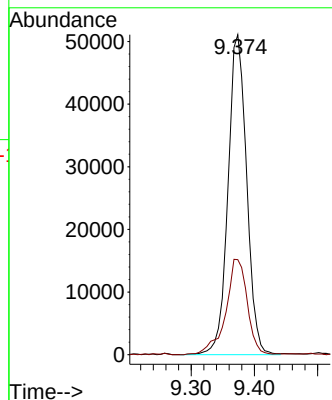
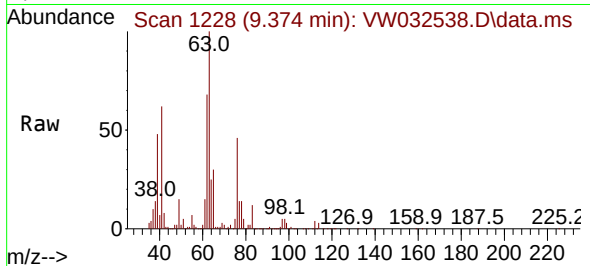




#45
1,2-Dichloropropane
Concen: 23.463 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

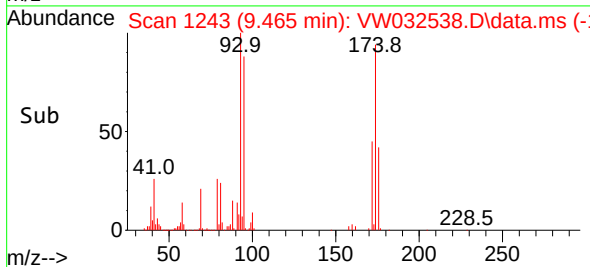
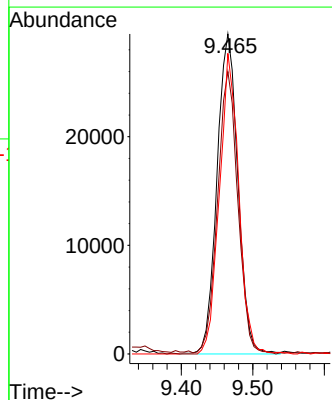
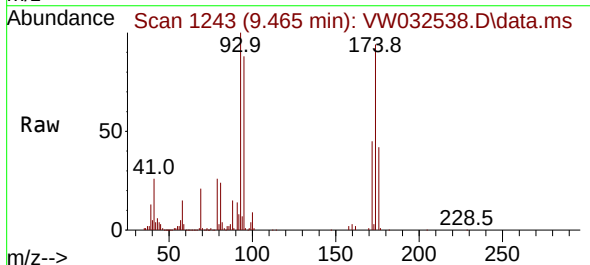
Instrument :
MSVOA_W
ClientSampleId :

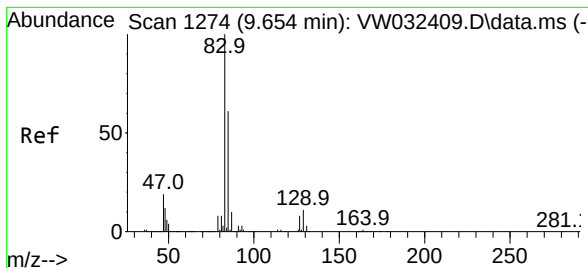
Tgt Ion: 63 Resp: 104425
Ion Ratio Lower Upper
63 100
65 29.7 24.4 36.6



#46
Dibromomethane
Concen: 23.015 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 93 Resp: 59857
Ion Ratio Lower Upper
93 100
95 85.6 67.1 100.7
174 86.5 68.2 102.4





#47

Bromodichloromethane

Concen: 23.683 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

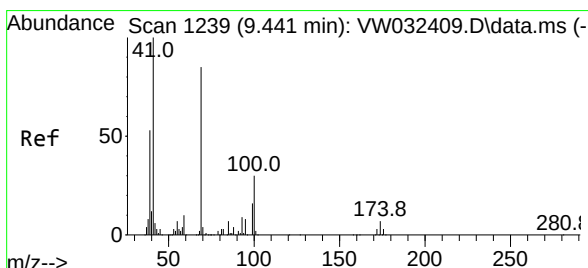
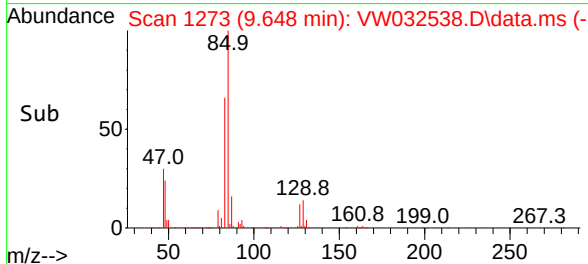
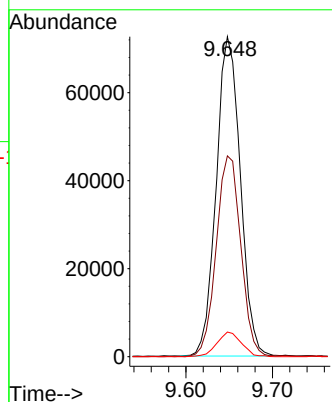
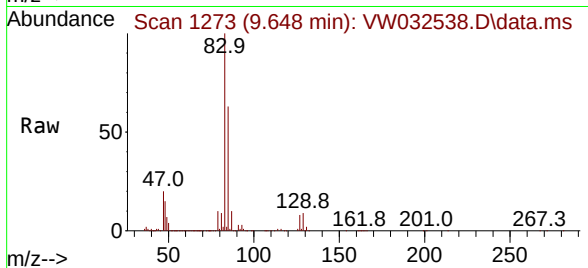
Tgt Ion: 83 Resp: 140506

Ion Ratio Lower Upper

83 100

85 62.8 48.7 73.1

127 7.7 6.3 9.5



#48

Methyl methacrylate

Concen: 21.032 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

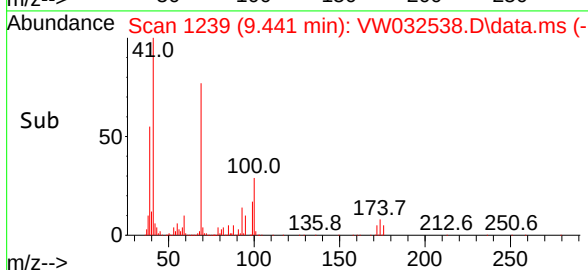
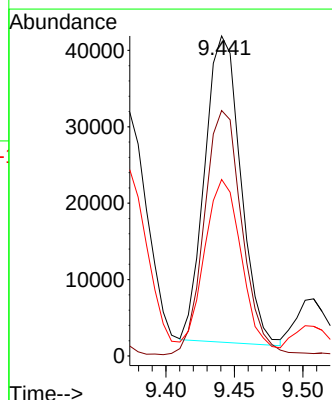
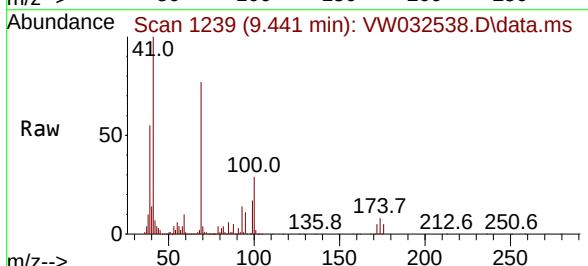
Tgt Ion: 41 Resp: 73039

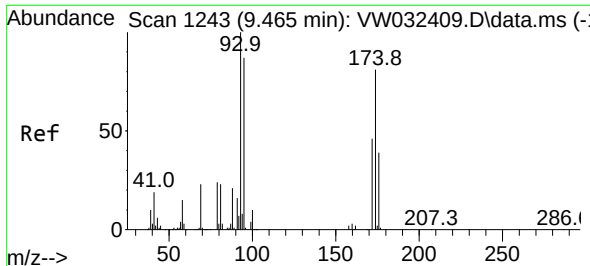
Ion Ratio Lower Upper

41 100

69 85.3 65.8 98.6

39 60.5 38.6 57.8#

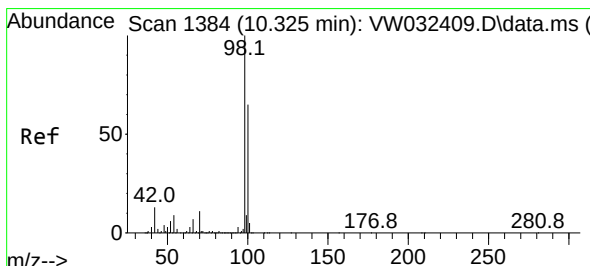
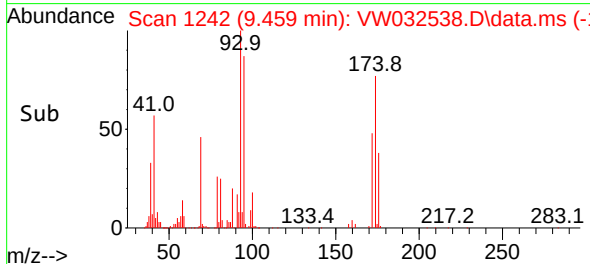
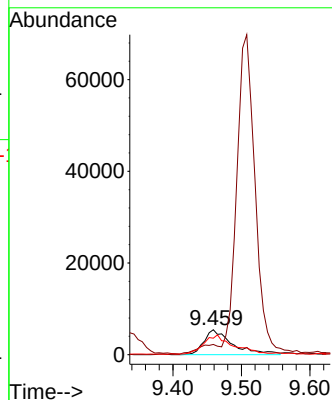
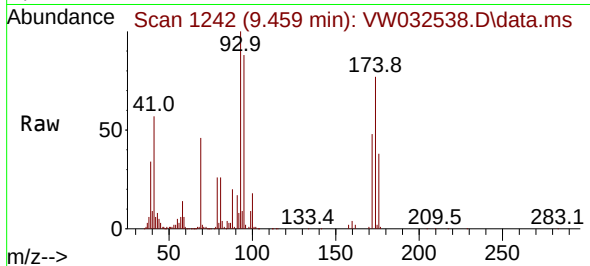




#49
 1,4-Dioxane
 Concen: 430.965 ug/l
 RT: 9.459 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

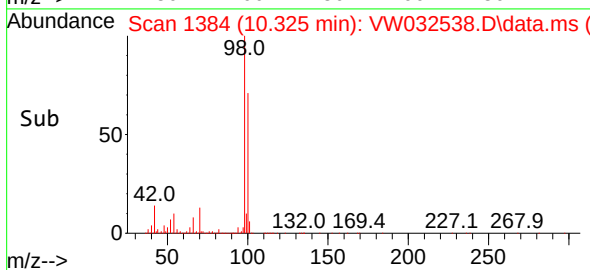
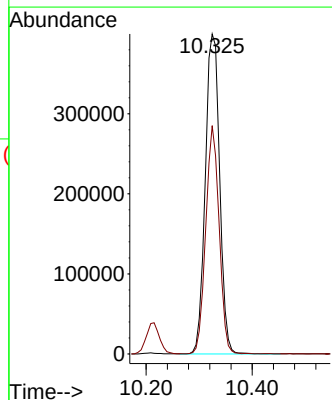
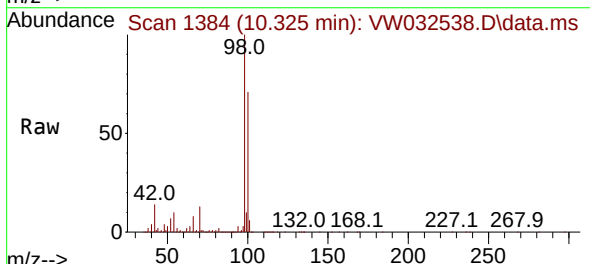
Instrument :
 MSVOA_W
 ClientSampleId :

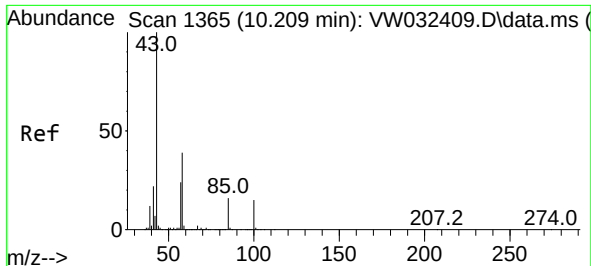
Tgt Ion: 88 Resp: 15702
 Ion Ratio Lower Upper
 88 100
 43 27.0 0.0 0.0#
 58 80.7 63.0 94.4



#50
 Toluene-d8
 Concen: 51.892 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Tgt Ion: 98 Resp: 749931
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.3 79.9

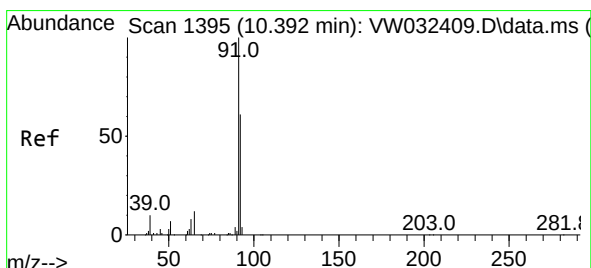
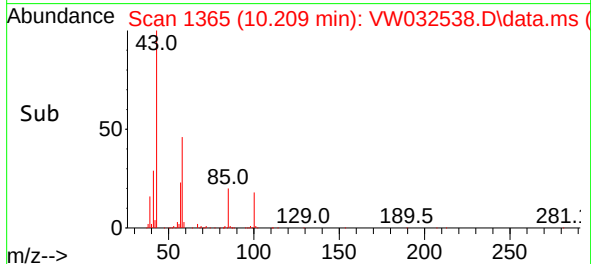
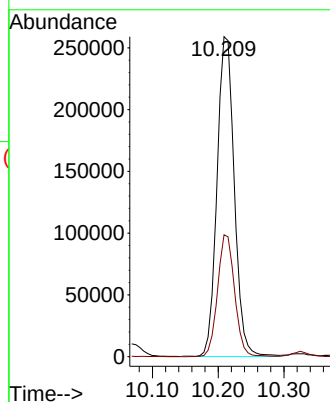
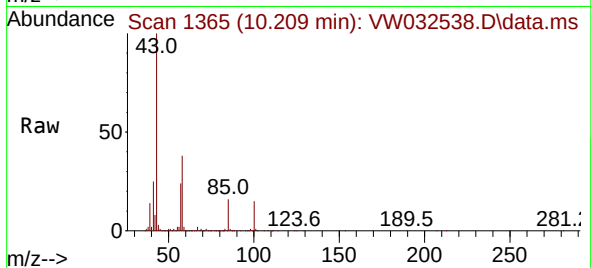




#51
4-Methyl-2-Pentanone
Concen: 117.439 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

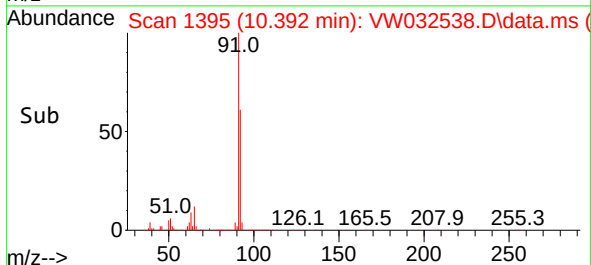
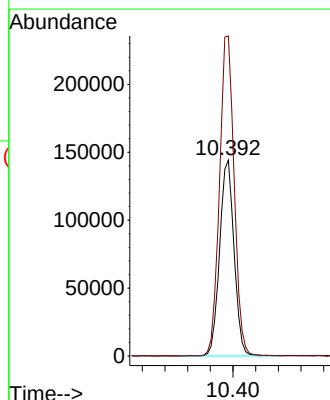
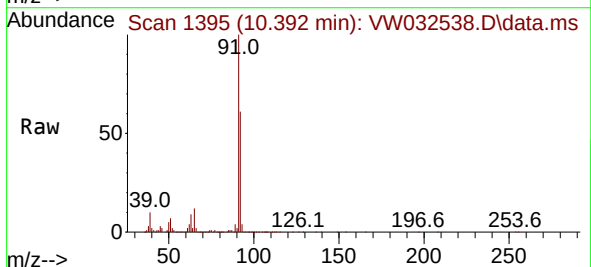
Instrument :
MSVOA_W
ClientSampleId :

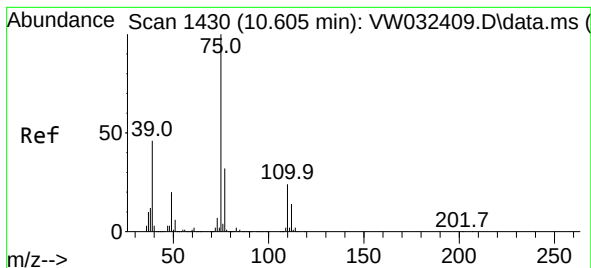
Tgt Ion: 43 Resp: 474461
Ion Ratio Lower Upper
43 100
58 37.6 31.4 47.2



#52
Toluene
Concen: 23.077 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 92 Resp: 254781
Ion Ratio Lower Upper
92 100
91 166.4 136.6 205.0

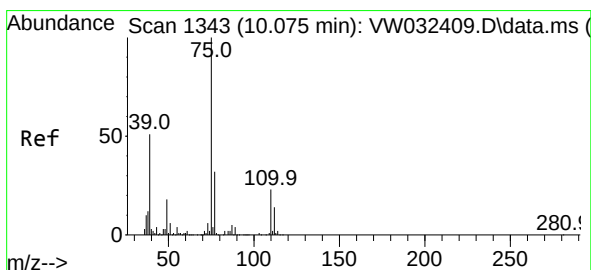
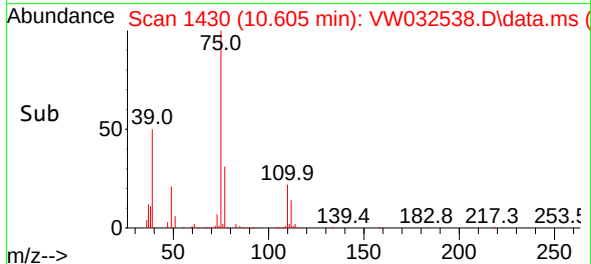
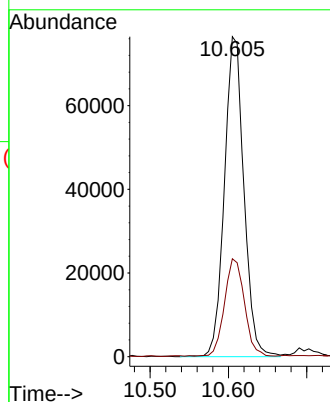
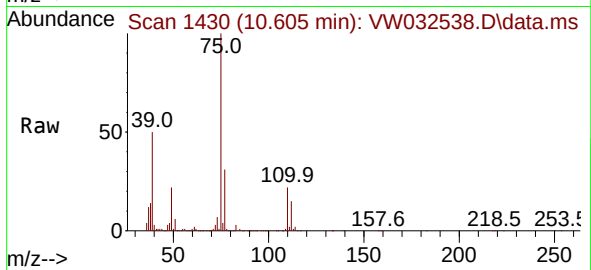




#53
 t-1,3-Dichloropropene
 Concen: 21.665 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

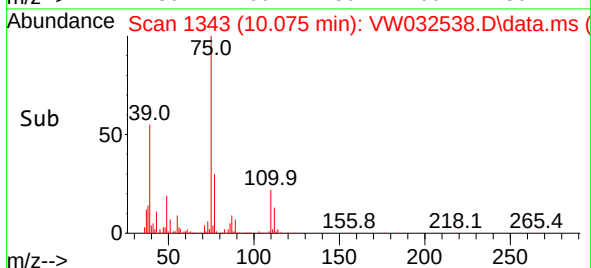
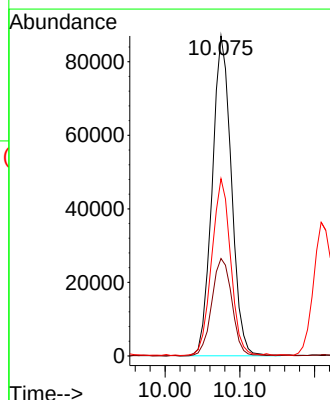
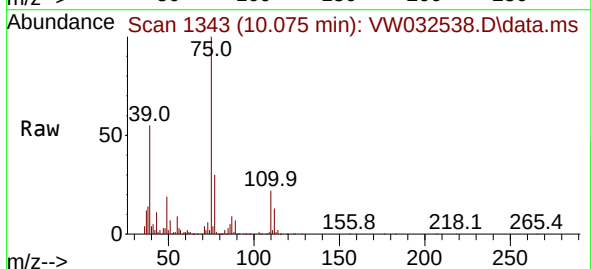
Instrument :
 MSVOA_W
 ClientSampleId :

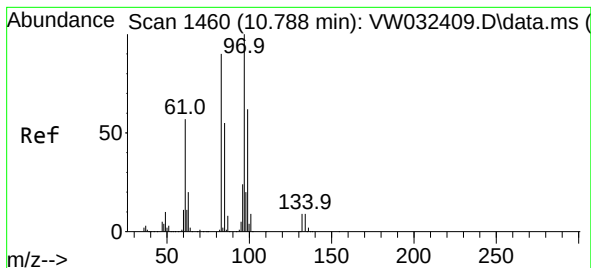
Tgt Ion: 75 Resp: 132372
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.983 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

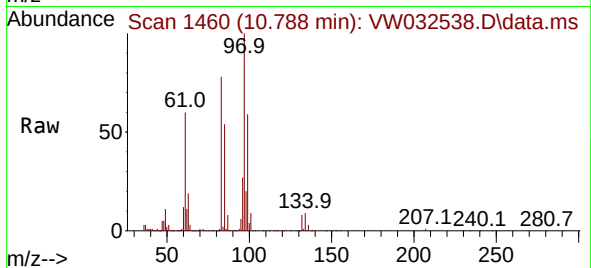
Tgt Ion: 75 Resp: 155326
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 55.3 40.7 61.1



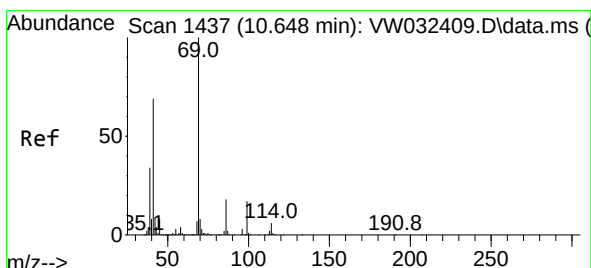
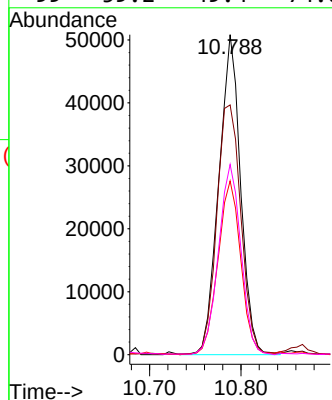
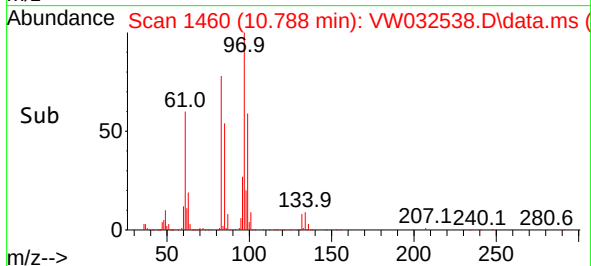


#55
1,1,2-Trichloroethane
Concen: 23.614 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

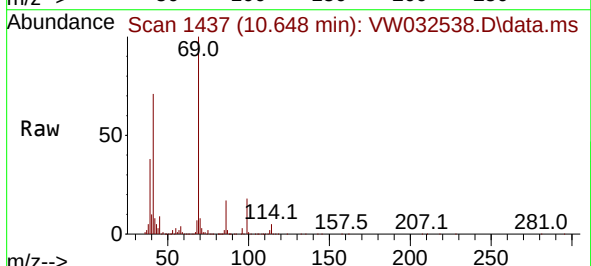
Instrument :
MSVOA_W
ClientSampleId :



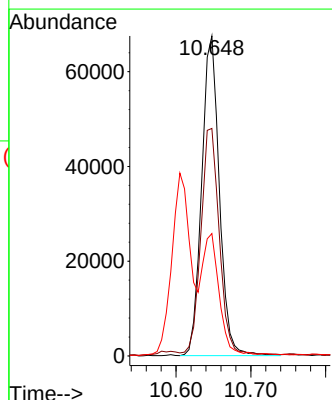
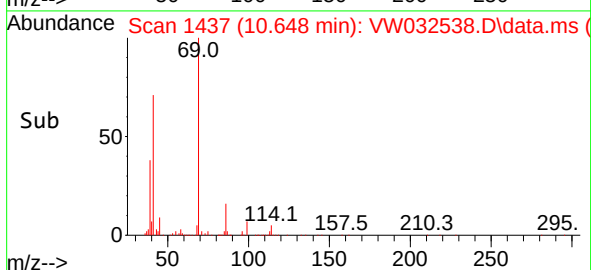
Tgt Ion:	97	Resp:	84254
Ion	Ratio	Lower	Upper
97	100		
83	77.8	72.2	108.4
85	54.3	43.8	65.8
99	59.2	49.4	74.0

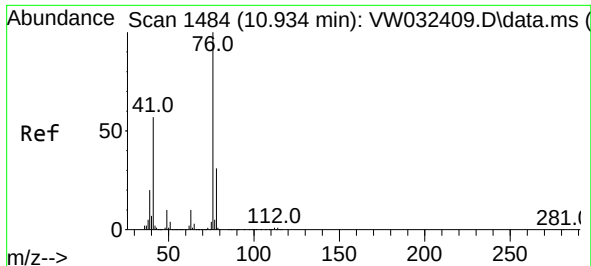


#56
Ethyl methacrylate
Concen: 20.251 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05



Tgt Ion:	69	Resp:	110864
Ion	Ratio	Lower	Upper
69	100		
41	73.6	54.4	81.6
39	34.8	25.4	38.0





#57

1,3-Dichloropropane

Concen: 22.679 ug/l

RT: 10.928 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

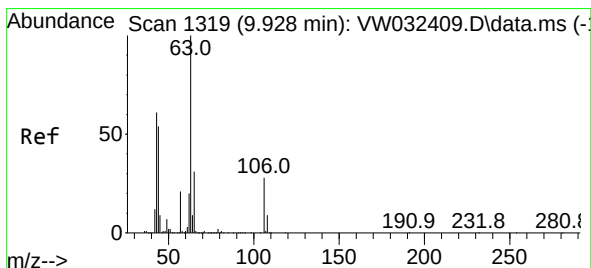
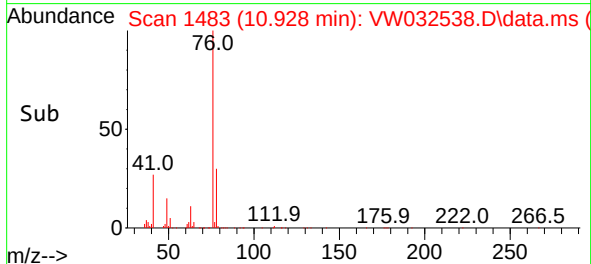
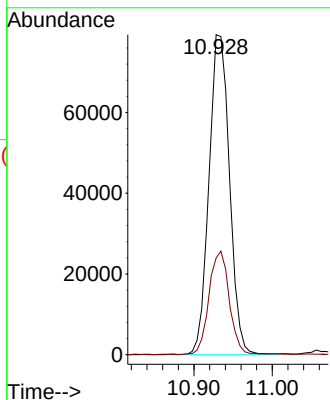
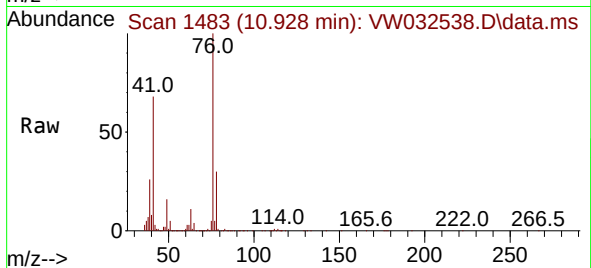
ClientSampleId :

Tgt Ion: 76 Resp: 144519

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 111.840 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032538.D

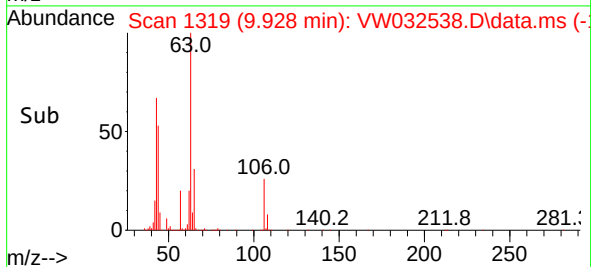
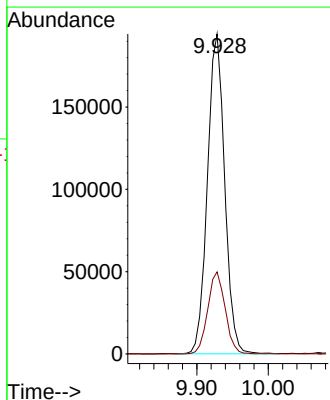
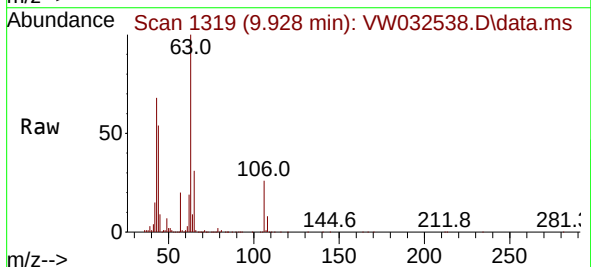
Acq: 26 Nov 2025 13:05

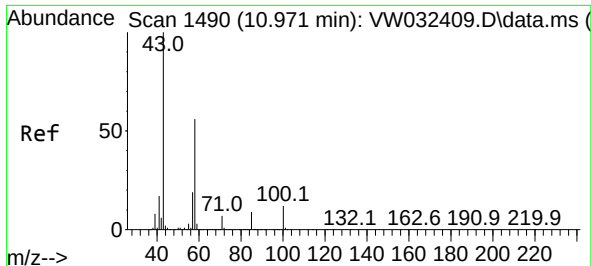
Tgt Ion: 63 Resp: 326058

Ion Ratio Lower Upper

63 100

106 25.9 22.0 33.0

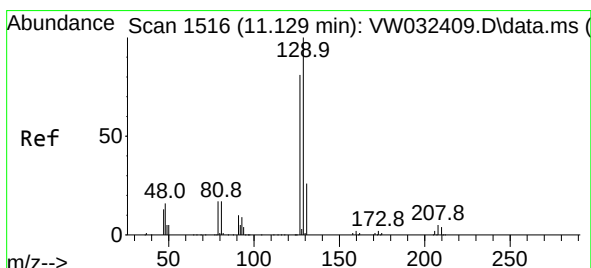
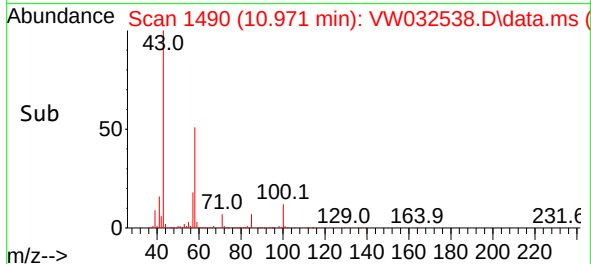
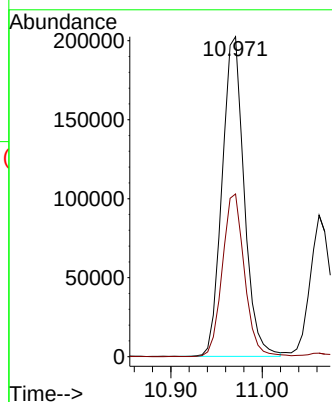
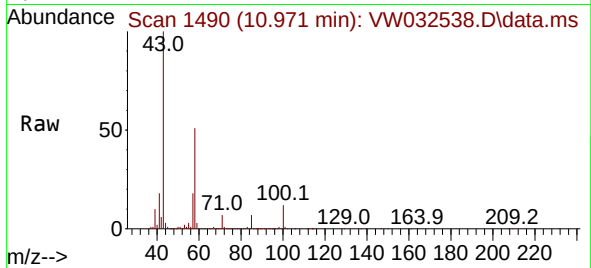




#59
2-Hexanone
Concen: 114.957 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

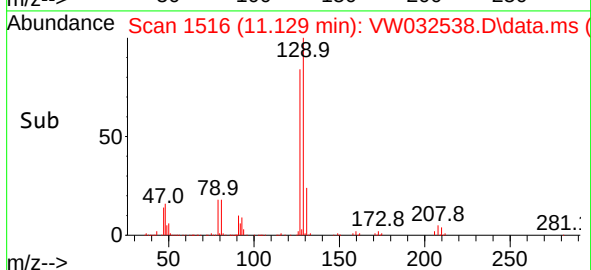
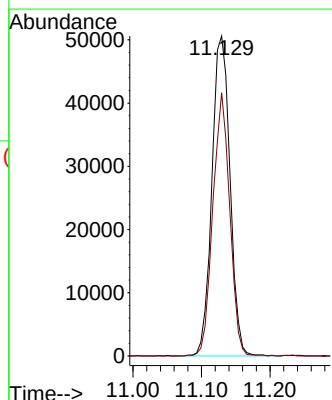
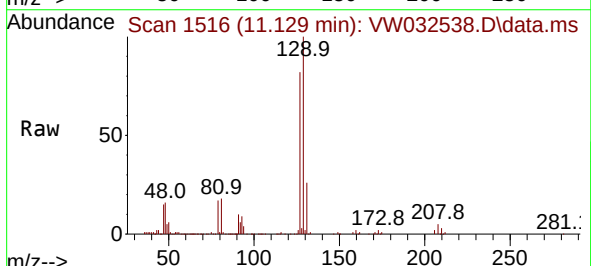
Instrument :
MSVOA_W
ClientSampleId :

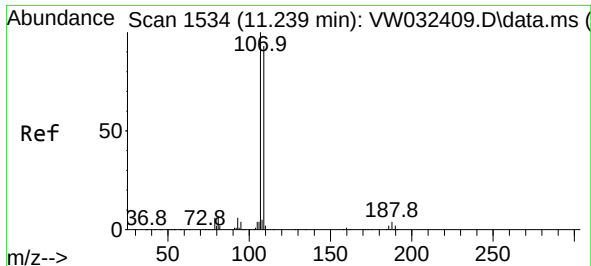
Tgt Ion: 43 Resp: 339797
Ion Ratio Lower Upper
43 100
58 51.2 27.4 82.2



#60
Dibromochloromethane
Concen: 23.190 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 129 Resp: 92399
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

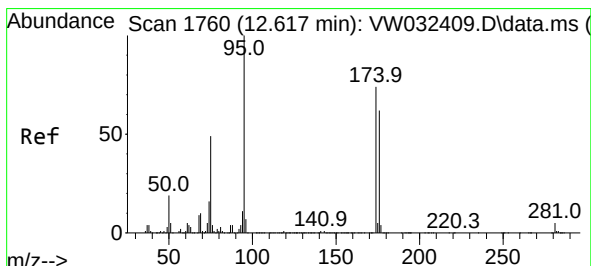
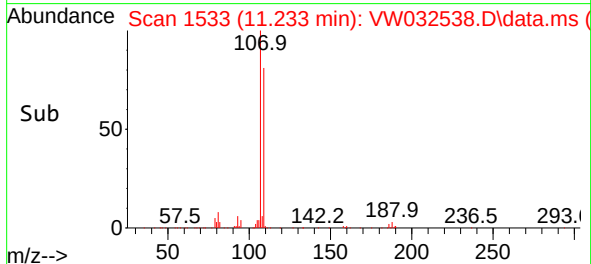
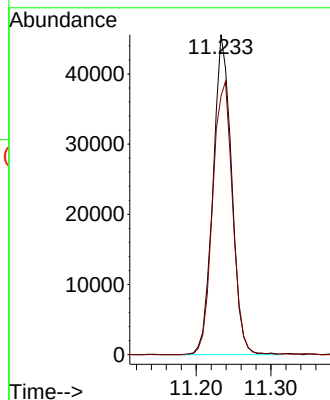
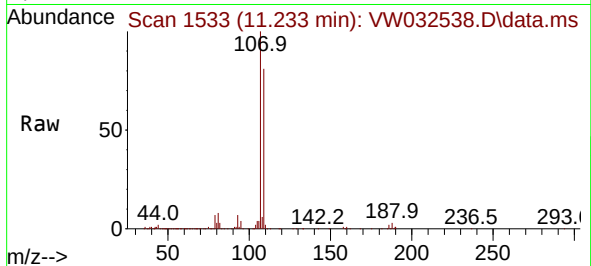




#61
1,2-Dibromoethane
Concen: 22.737 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

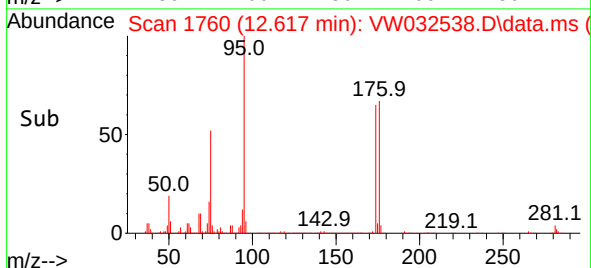
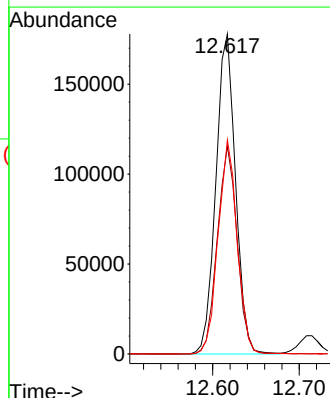
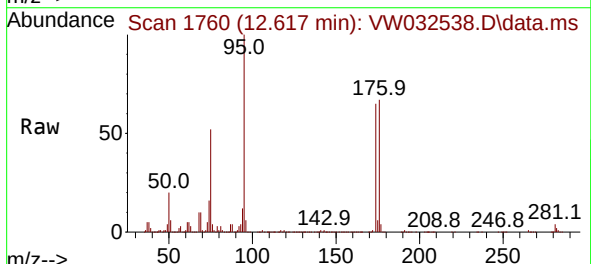
Instrument :
MSVOA_W
ClientSampleId :

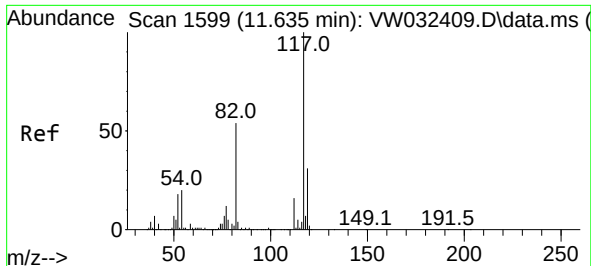
Tgt Ion:107 Resp: 79012
Ion Ratio Lower Upper
107 100
109 91.6 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 95 Resp: 280681
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.4
176 64.9 0.0 131.8

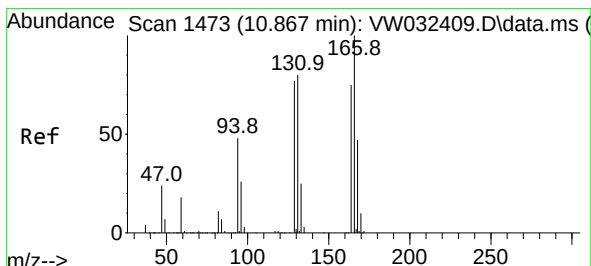
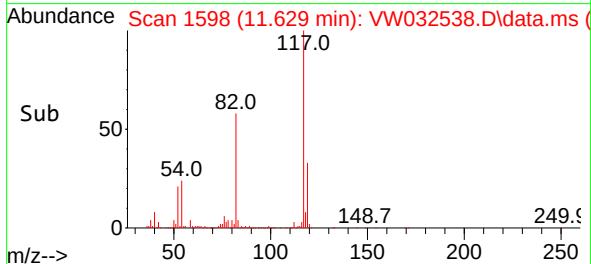
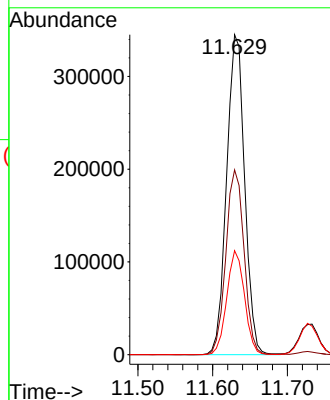
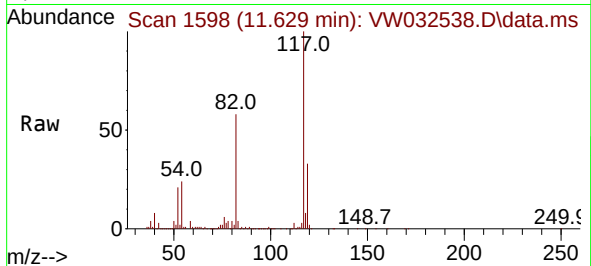




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

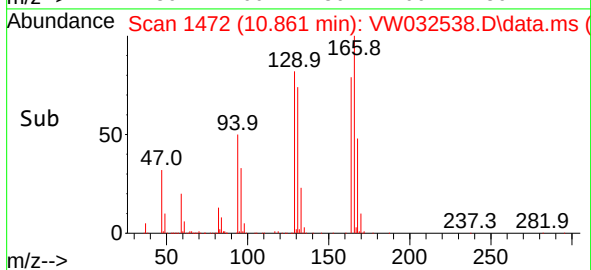
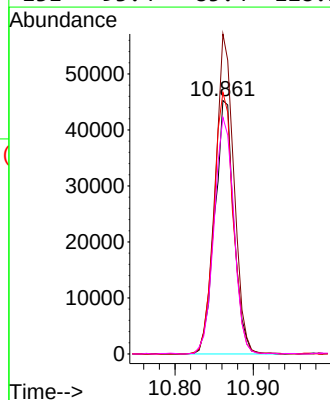
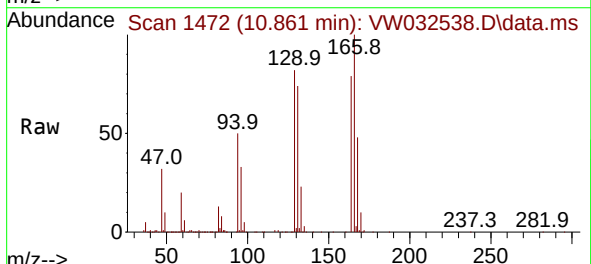
Instrument :
MSVOA_W
ClientSampleId :

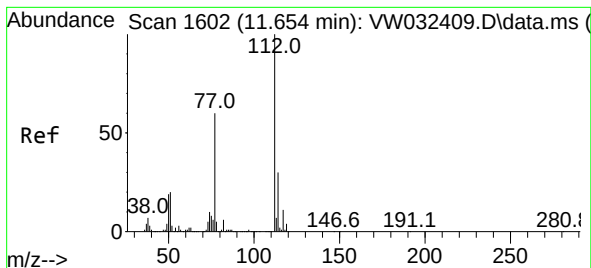
Tgt Ion:117 Resp: 578751
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 22.336 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:164 Resp: 76551
Ion Ratio Lower Upper
164 100
166 126.3 107.0 160.4
129 103.3 82.9 124.3
131 93.4 85.4 128.2





#65

Chlorobenzene

Concen: 21.792 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

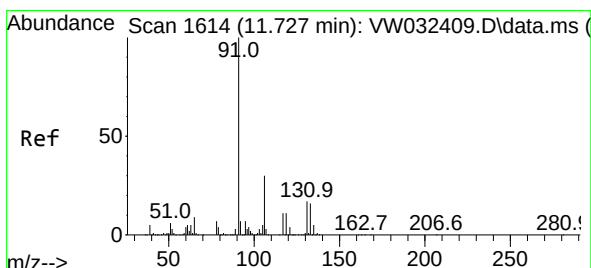
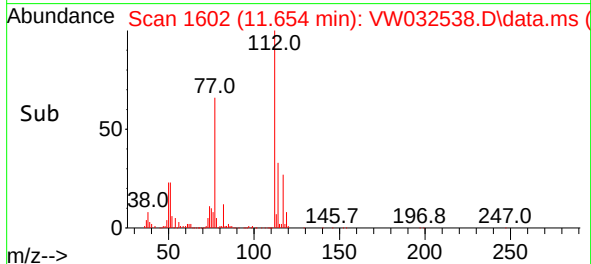
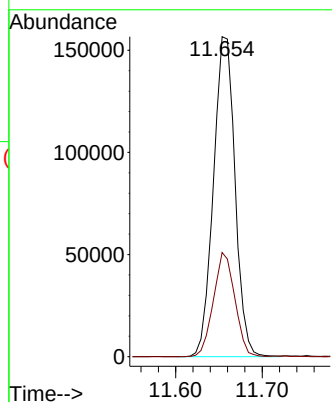
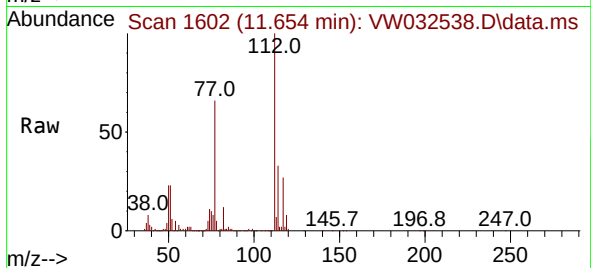
ClientSampleId :

Tgt Ion:112 Resp: 271839

Ion Ratio Lower Upper

112 100

114 32.6 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.135 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

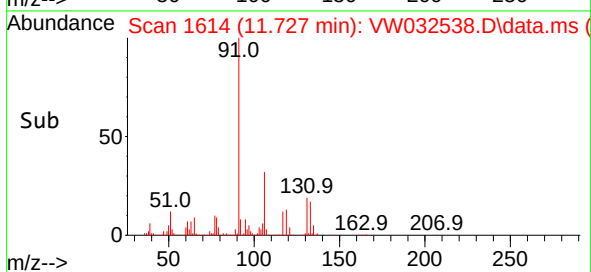
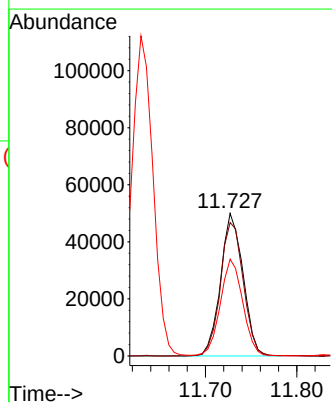
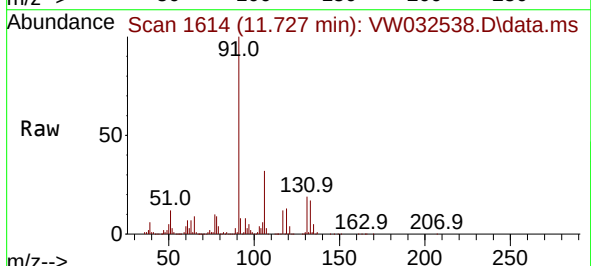
Tgt Ion:131 Resp: 85454

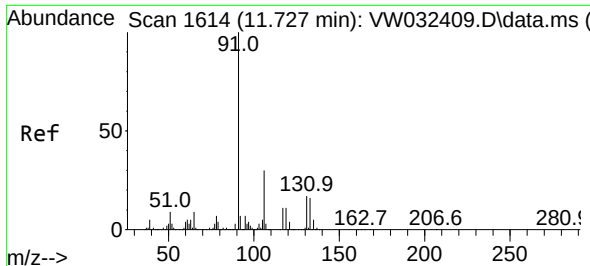
Ion Ratio Lower Upper

131 100

133 95.7 46.9 140.6

119 67.9 33.4 100.2

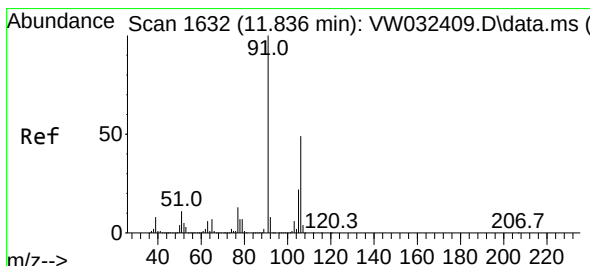
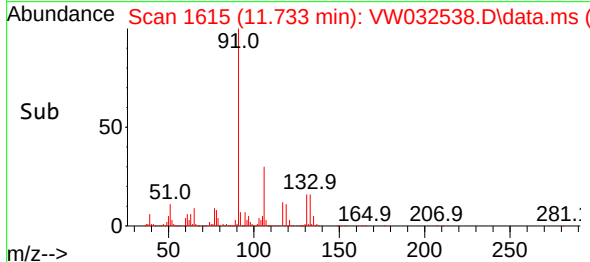
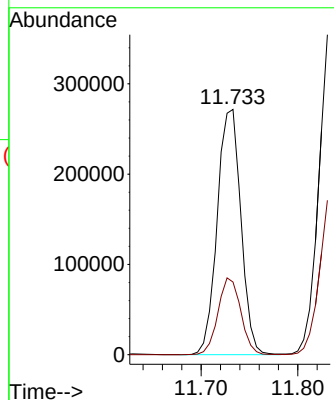
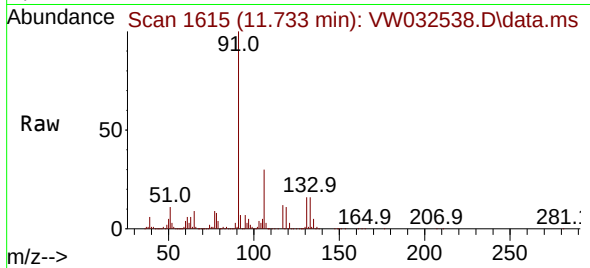




#67
Ethyl Benzene
Concen: 21.396 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

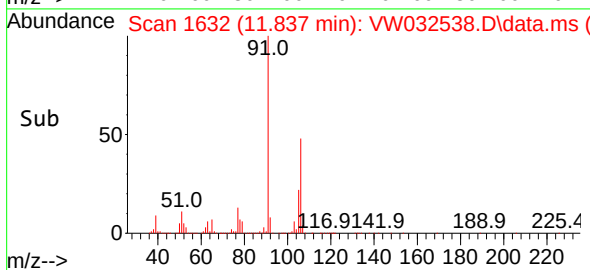
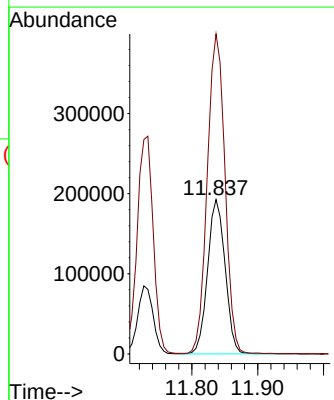
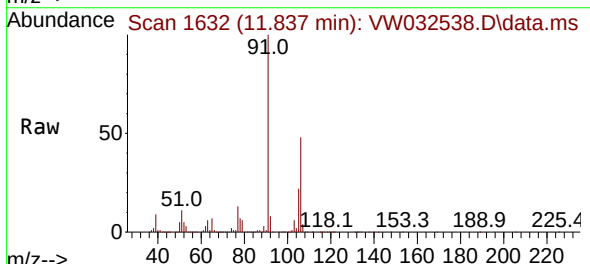
Instrument :
MSVOA_W
ClientSampleId :

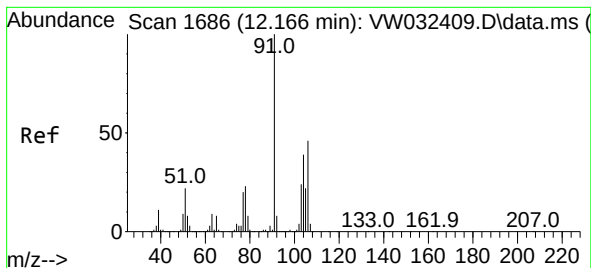
Tgt Ion: 91 Resp: 461801
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2



#68
m/p-Xylenes
Concen: 43.951 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:106 Resp: 356177
Ion Ratio Lower Upper
106 100
91 209.2 165.5 248.3

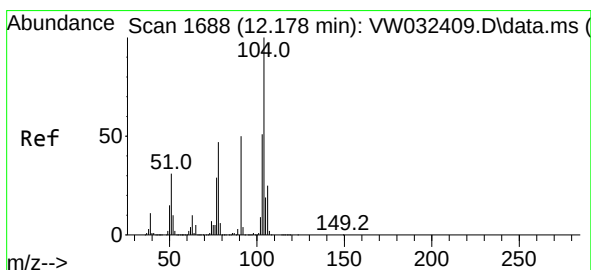
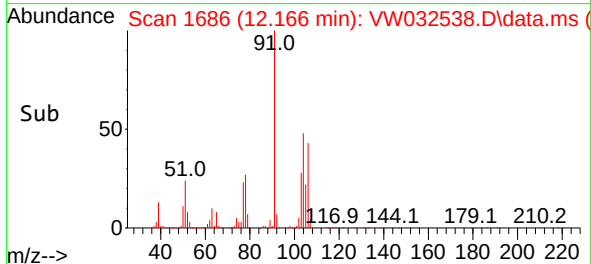
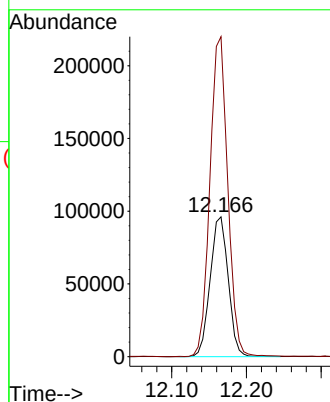
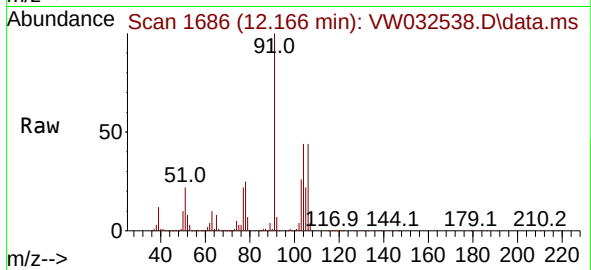




#69
o-Xylene
Concen: 20.800 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

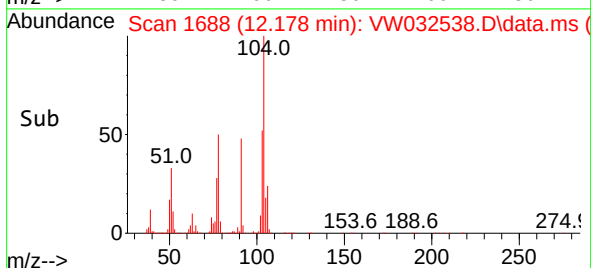
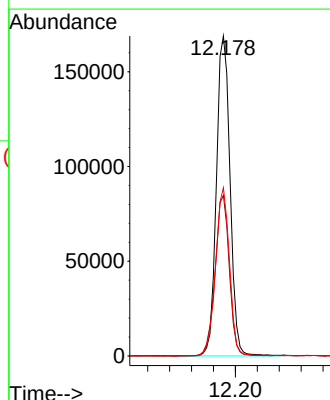
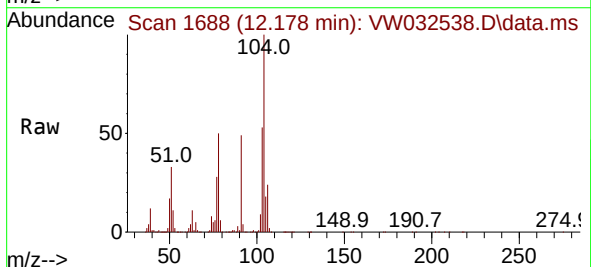
Instrument :
MSVOA_W
ClientSampleId :

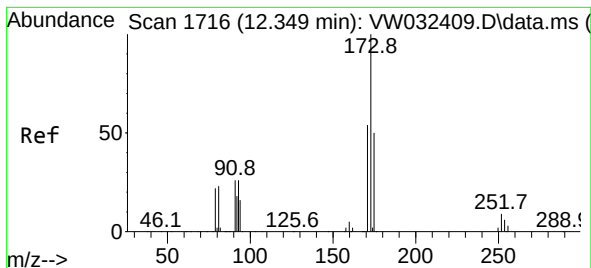
Tgt Ion:106 Resp: 161395
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.8



#70
Styrene
Concen: 21.845 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion:104 Resp: 291593
Ion Ratio Lower Upper
104 100
78 51.9 40.7 61.1
103 53.5 43.9 65.9





#71

Bromoform

Concen: 20.617 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

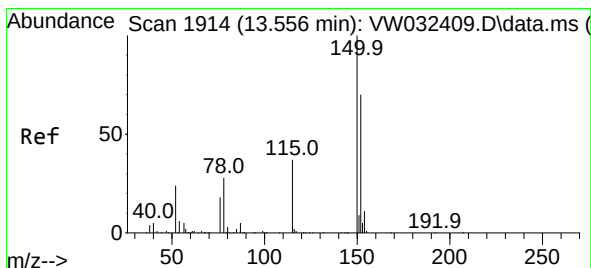
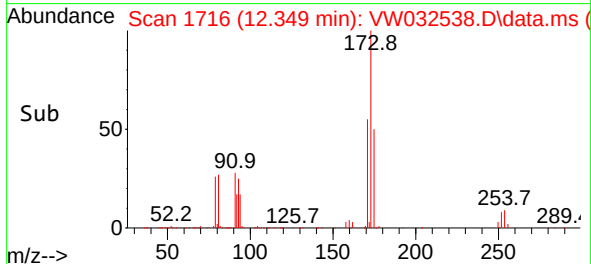
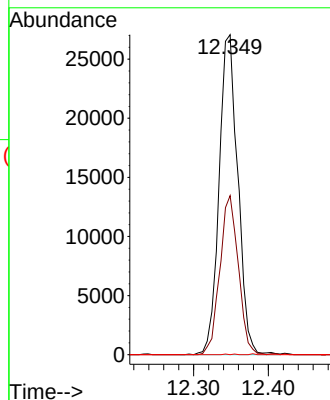
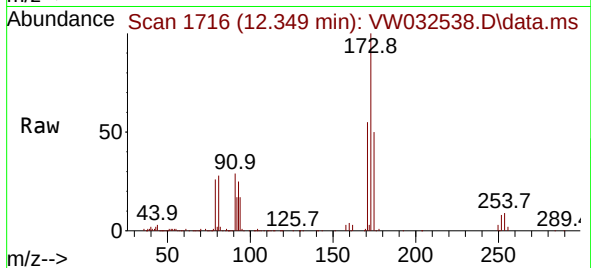
Tgt Ion:173 Resp: 47143

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

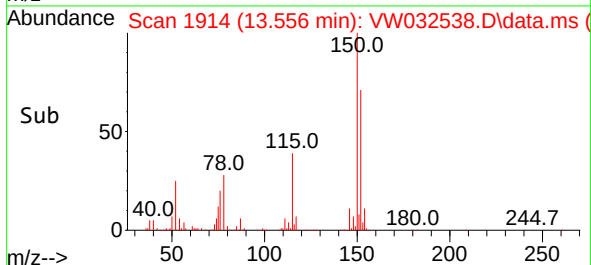
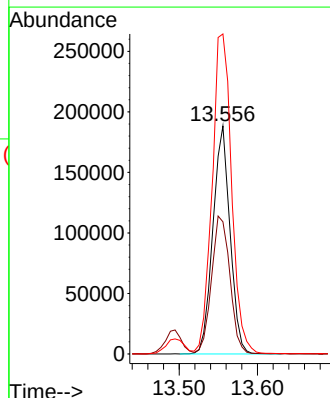
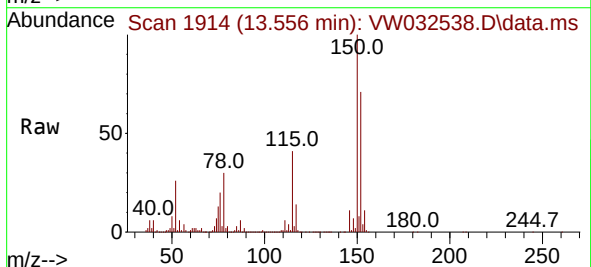
Tgt Ion:152 Resp: 285723

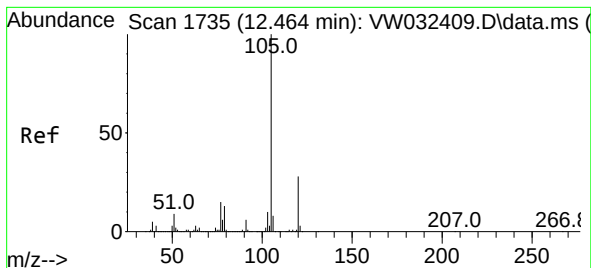
Ion Ratio Lower Upper

152 100

115 64.7 32.8 98.3

150 160.1 0.0 356.6





#73

Isopropylbenzene

Concen: 20.104 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

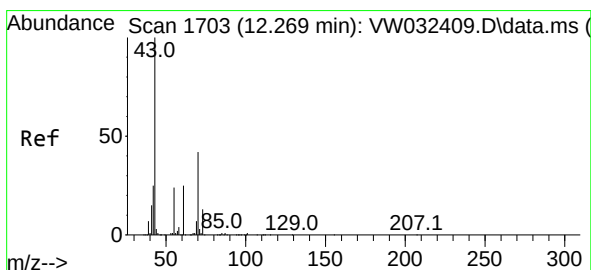
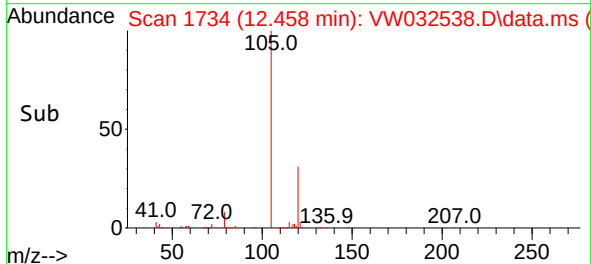
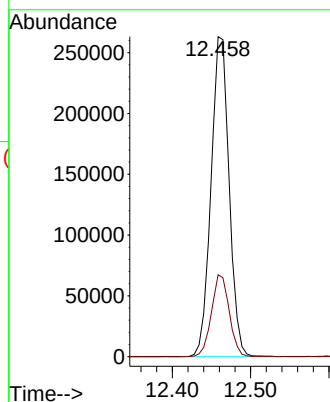
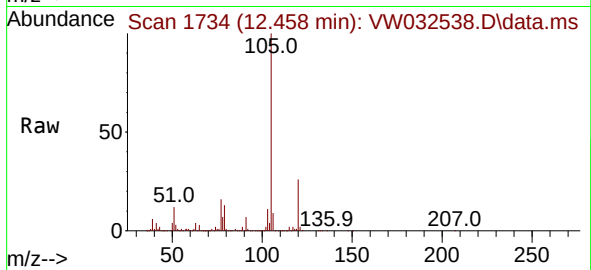
ClientSampleId :

Tgt Ion:105 Resp: 421872

Ion Ratio Lower Upper

105 100

120 25.2 13.2 39.5



#74

N-ethyl acetate

Concen: 20.086 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Tgt Ion: 43 Resp: 146466

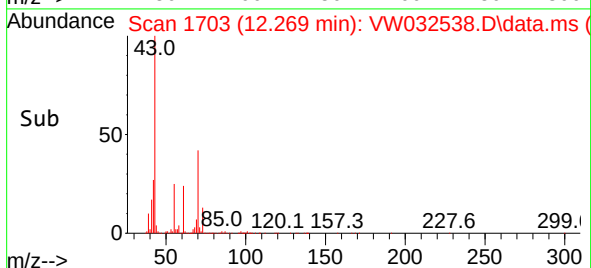
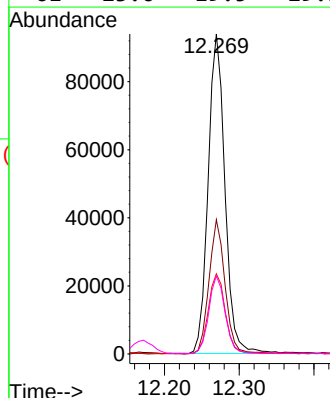
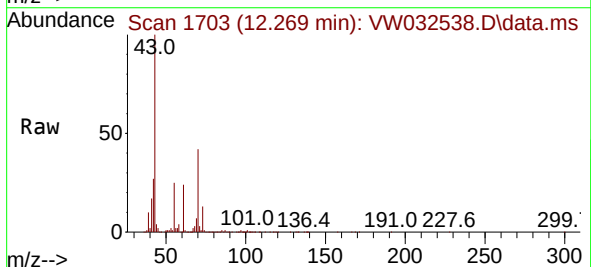
Ion Ratio Lower Upper

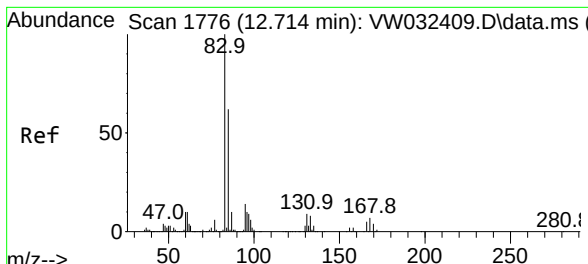
43 100

70 40.4 33.5 50.3

55 25.9 19.3 28.9

61 23.6 19.5 29.3



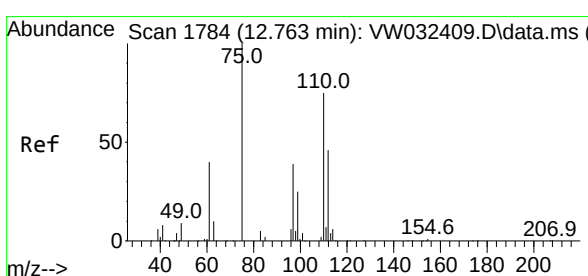
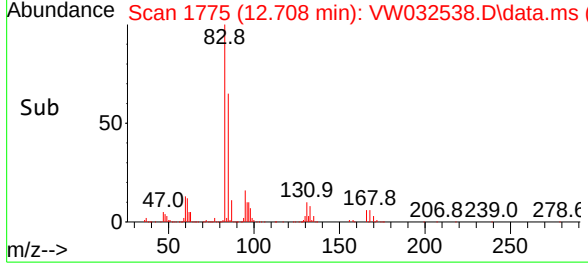
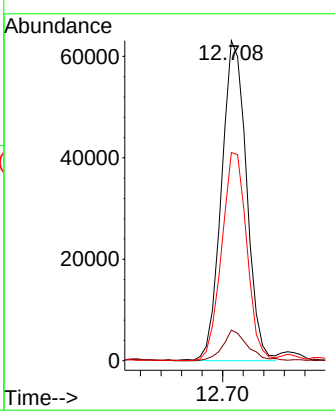
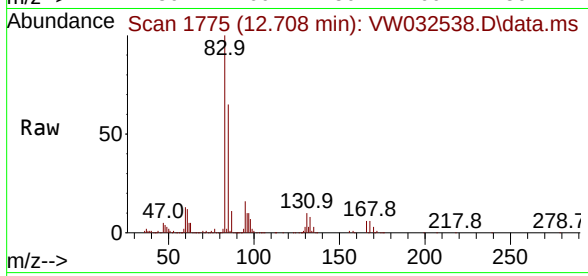


#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.451 ug/l
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 83 Resp: 106828

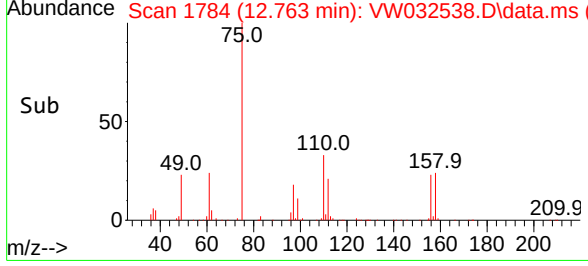
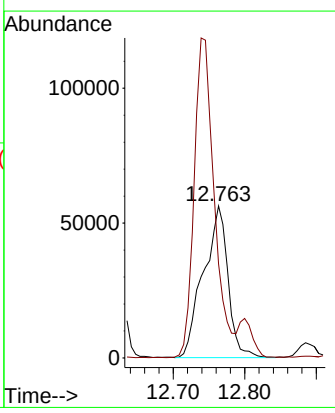
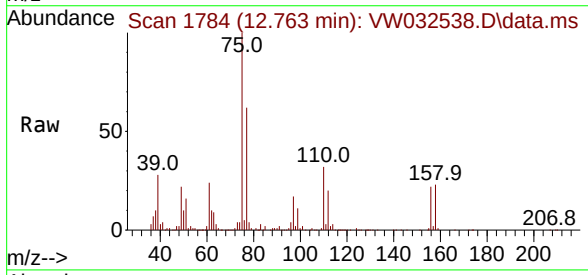
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.0	14.9
85	65.3	31.6	94.8

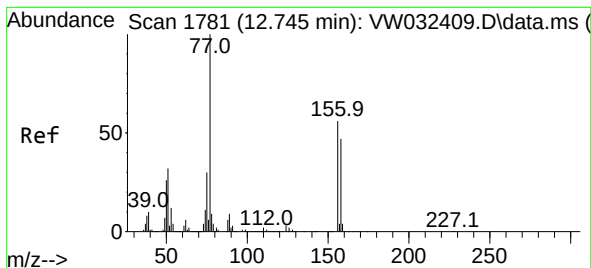


#76
 1,2,3-Trichloropropane
 Concen: 34.235 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Tgt Ion: 75 Resp: 134123

Ion	Ratio	Lower	Upper
75	100		
77	0.0	151.6	454.8#





#77

Bromobenzene

Concen: 19.929 ug/l

RT: 12.739 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

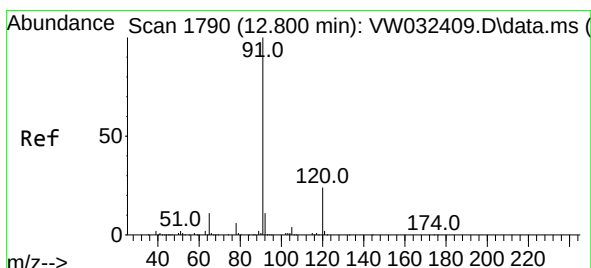
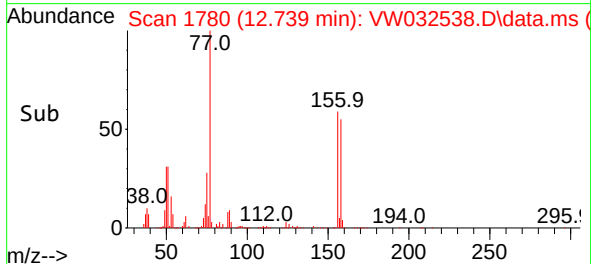
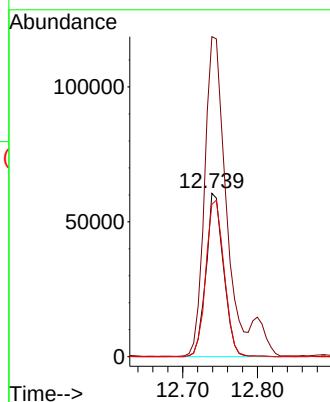
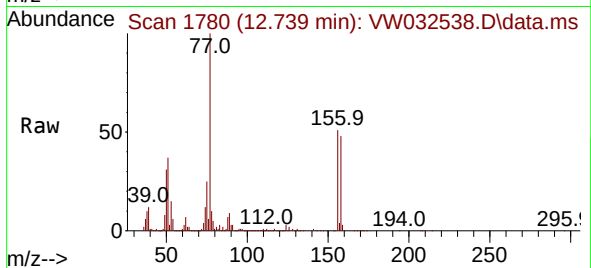
Tgt Ion:156 Resp: 99017

Ion Ratio Lower Upper

156 100

77 234.5 108.0 324.0

158 99.9 45.1 135.5



#78

n-propylbenzene

Concen: 21.695 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032538.D

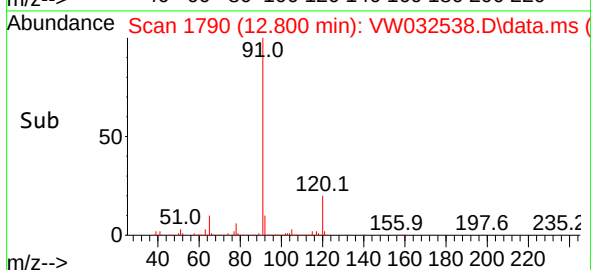
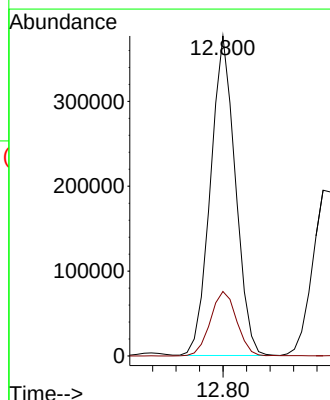
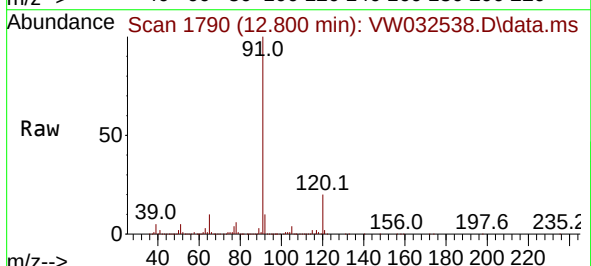
Acq: 26 Nov 2025 13:05

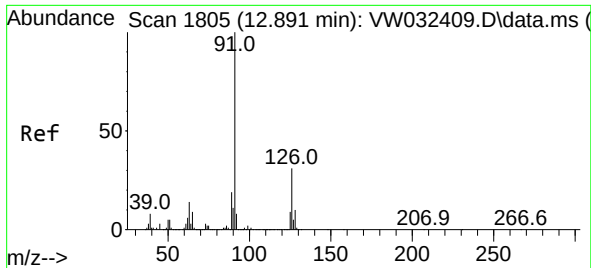
Tgt Ion: 91 Resp: 554412

Ion Ratio Lower Upper

91 100

120 21.4 11.3 33.9

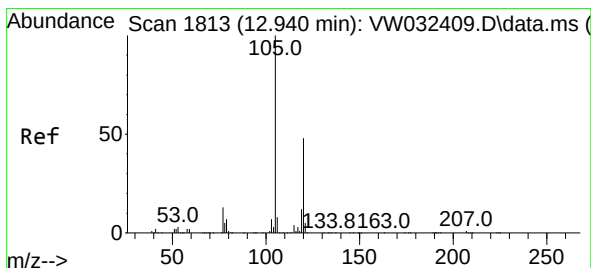
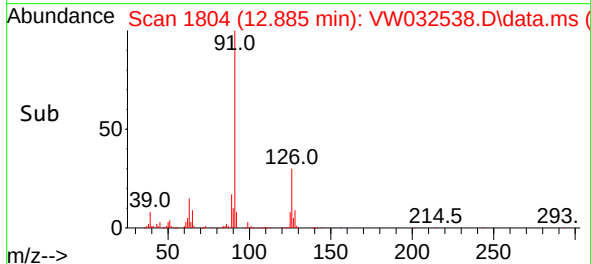
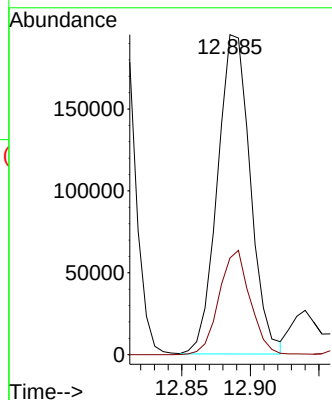
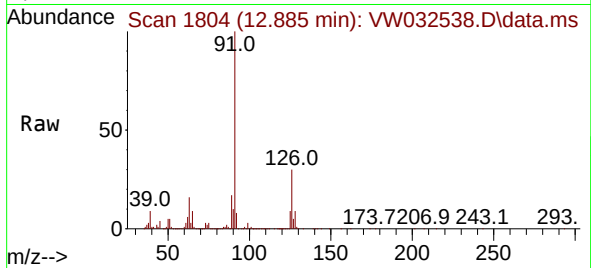




#79
2-Chlorotoluene
Concen: 20.873 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

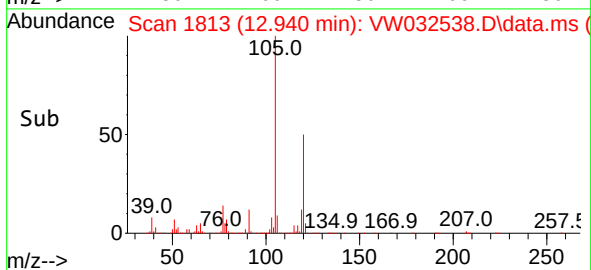
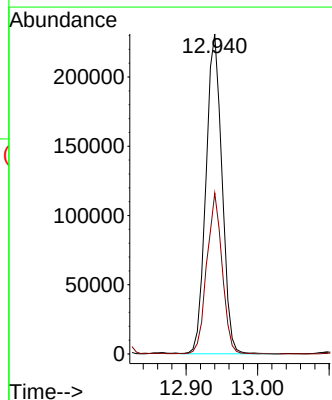
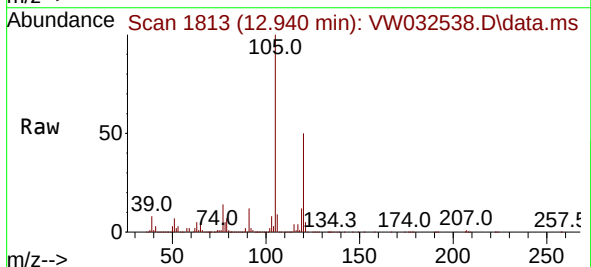
Instrument :
MSVOA_W
ClientSampleId :

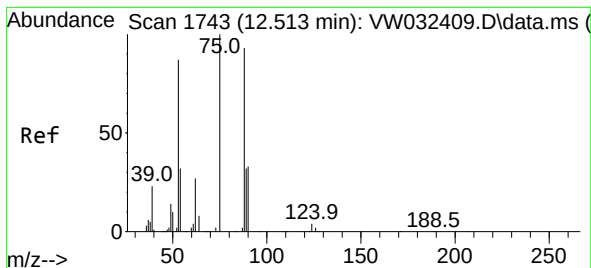
Tgt Ion: 91 Resp: 325618
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.720 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 105 Resp: 358716
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

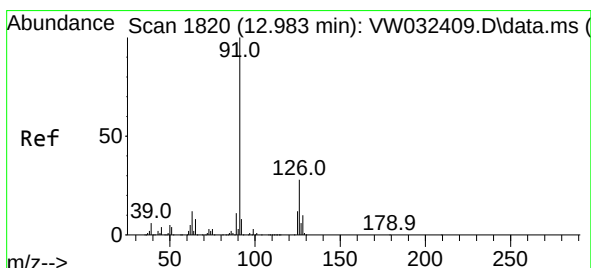
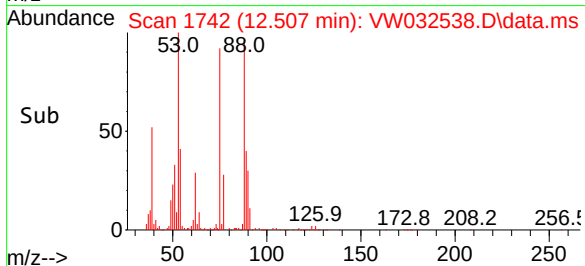
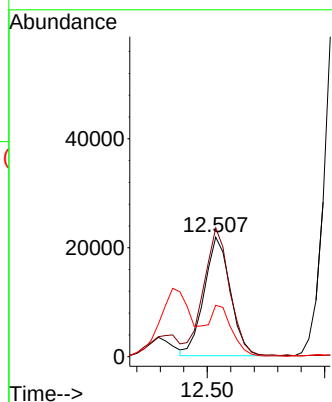
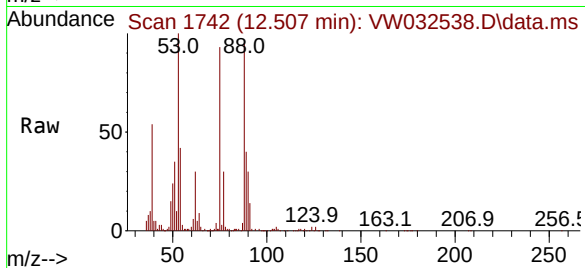




#81
trans-1,4-Dichloro-2-butene
Concen: 19.762 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

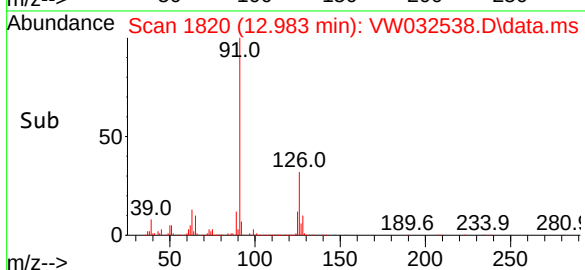
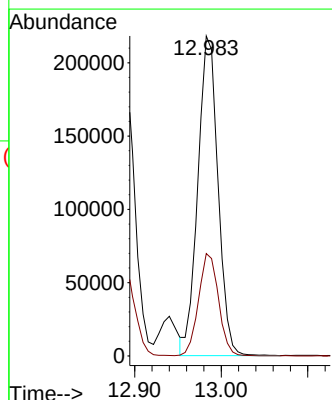
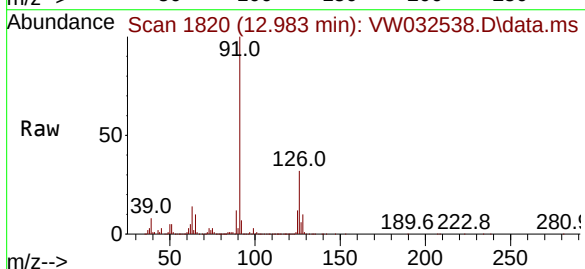
Instrument :
MSVOA_W
ClientSampleId :

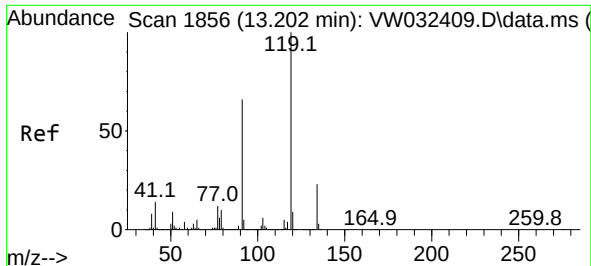
Tgt Ion: 75 Resp: 33802
Ion Ratio Lower Upper
75 100
53 109.0 77.8 116.8
89 38.3 35.6 53.4



#82
4-Chlorotoluene
Concen: 21.740 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 91 Resp: 352752
Ion Ratio Lower Upper
91 100
126 31.7 15.5 46.5

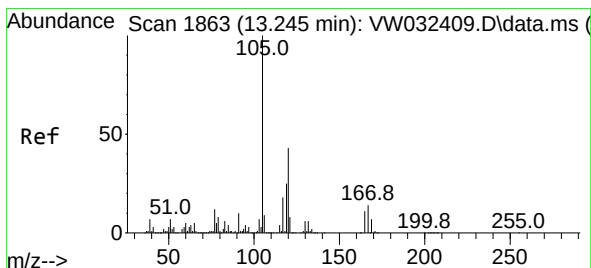
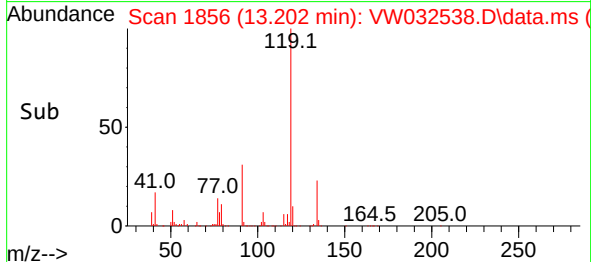
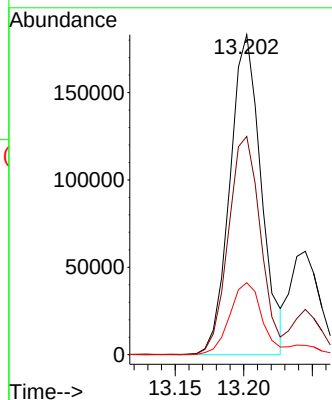
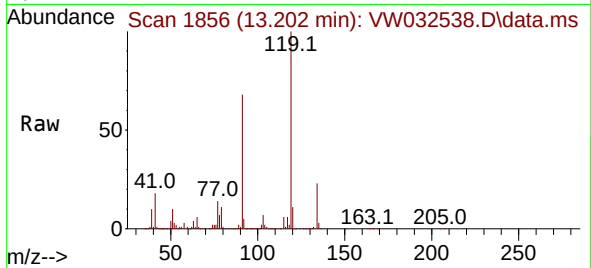




#83
 tert-Butylbenzene
 Concen: 19.354 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

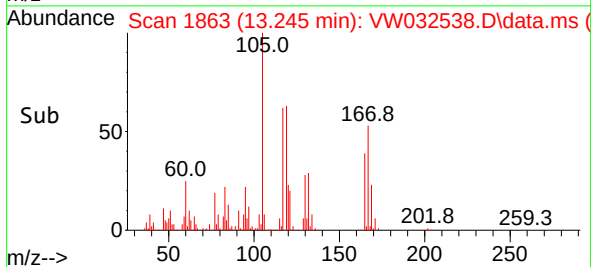
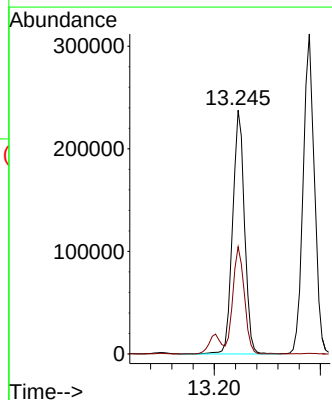
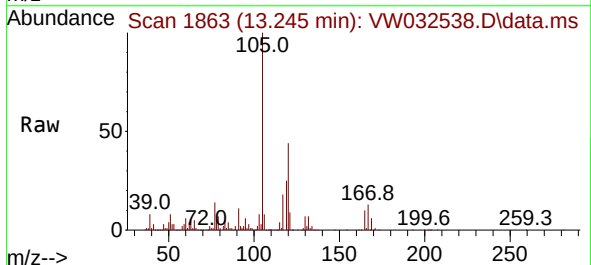
Instrument :
 MSVOA_W
 ClientSampleId :

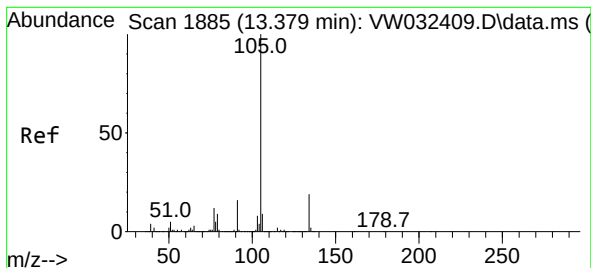
Tgt Ion:119 Resp: 291467
 Ion Ratio Lower Upper
 119 100
 91 69.8 33.3 99.9
 134 23.5 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.026 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032538.D
 Acq: 26 Nov 2025 13:05

Tgt Ion:105 Resp: 370238
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.429 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

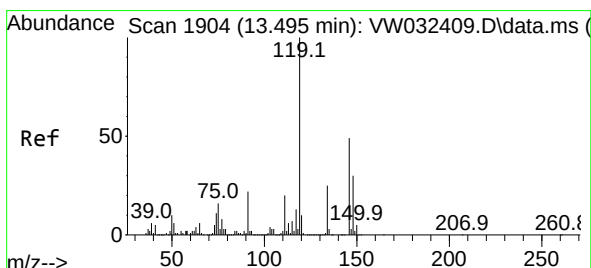
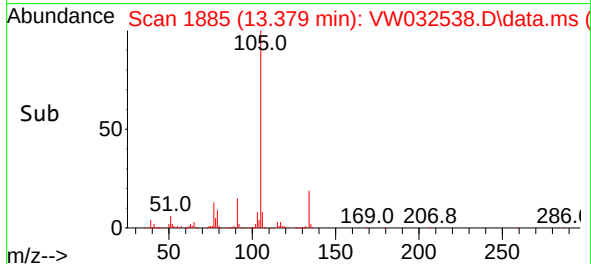
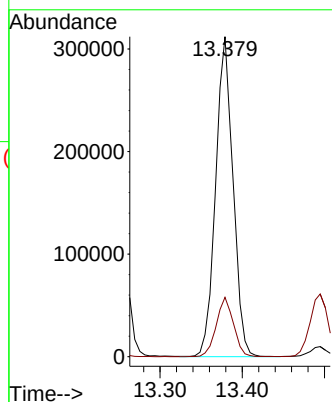
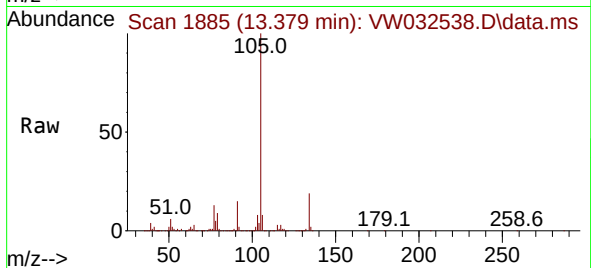
ClientSampleId :

Tgt Ion:105 Resp: 458187

Ion Ratio Lower Upper

105 100

134 18.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.740 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

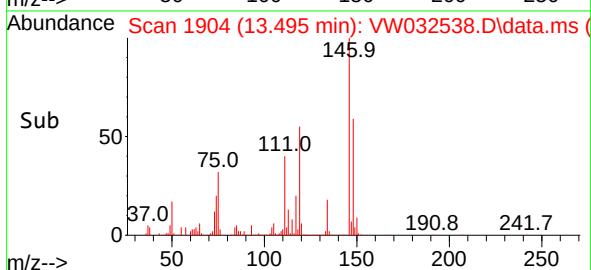
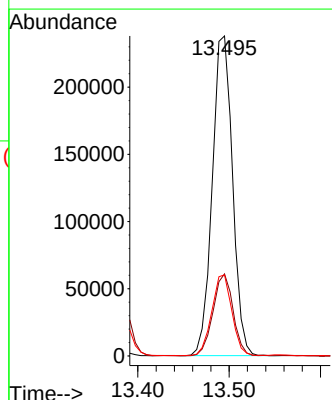
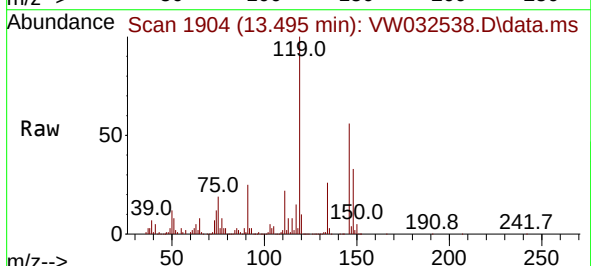
Tgt Ion:119 Resp: 365551

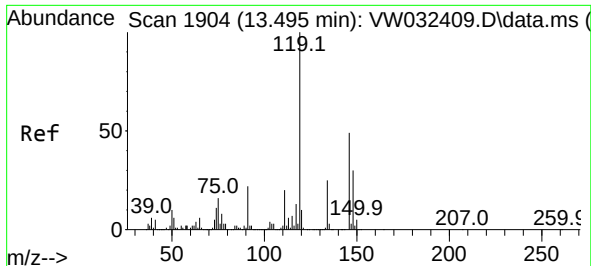
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.108 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

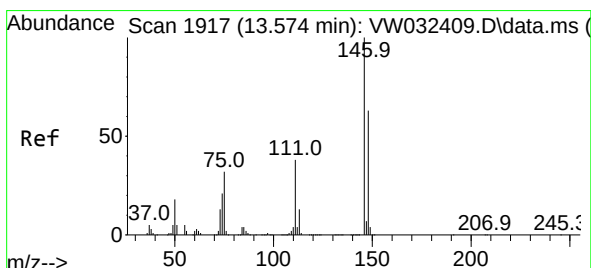
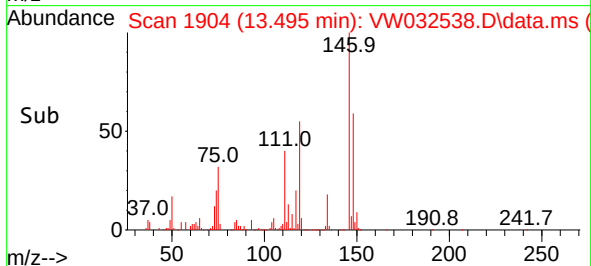
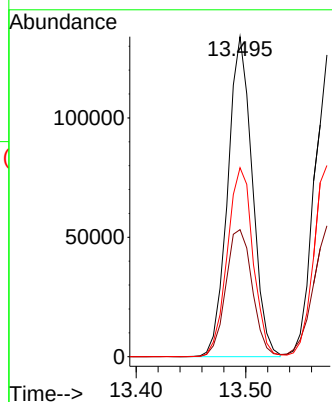
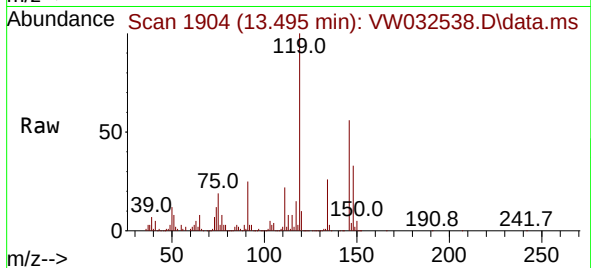
Tgt Ion:146 Resp: 208260

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

148 62.0 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.596 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

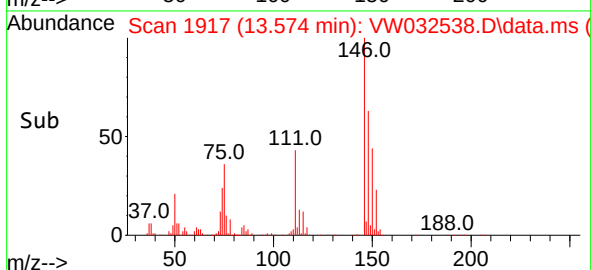
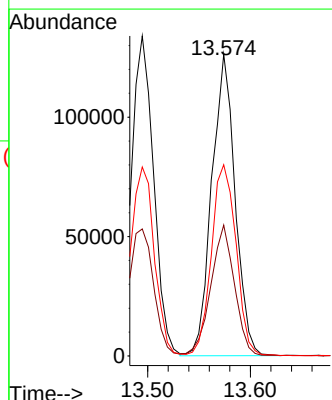
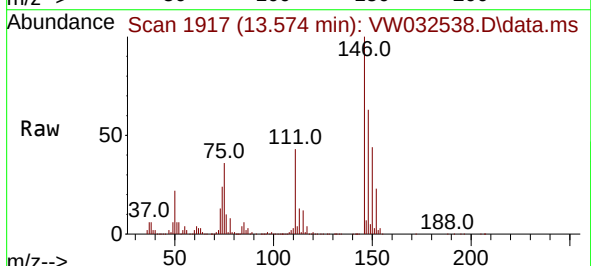
Tgt Ion:146 Resp: 198764

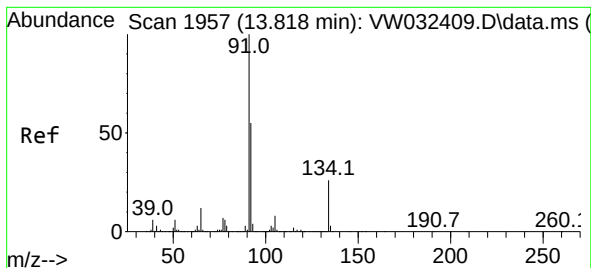
Ion Ratio Lower Upper

146 100

111 44.1 20.5 61.6

148 67.1 31.2 93.6





#89

n-Butylbenzene

Concen: 20.863 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

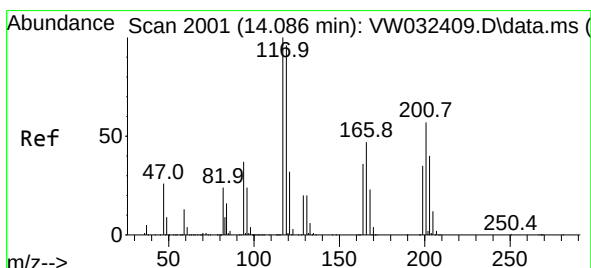
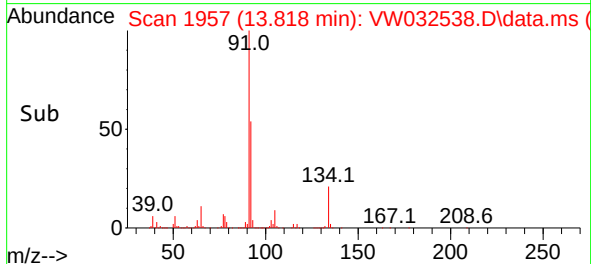
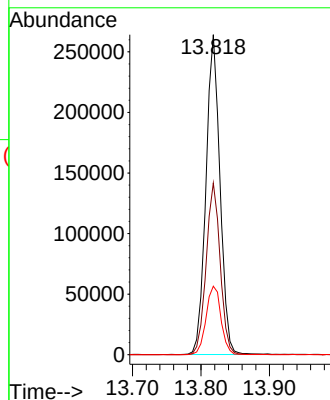
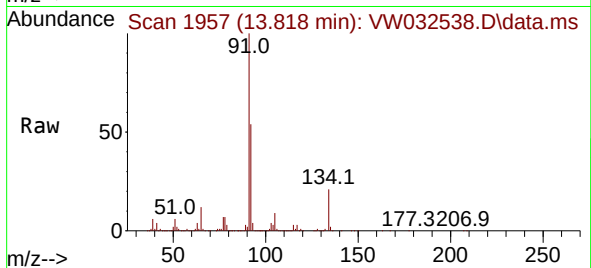
Tgt Ion: 91 Resp: 377459

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.2

134 22.8 12.4 37.4



#90

Hexachloroethane

Concen: 20.540 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032538.D

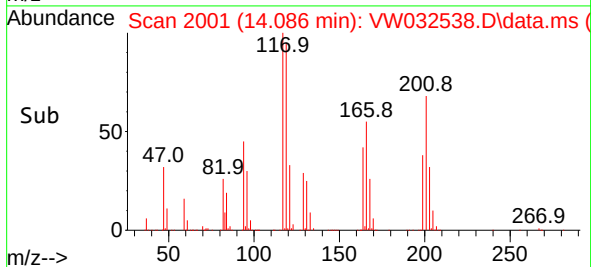
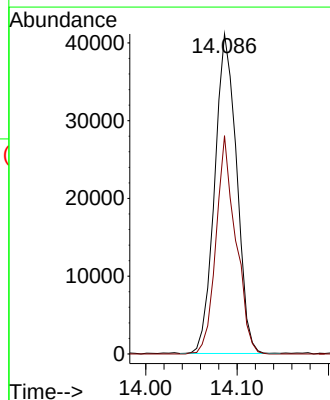
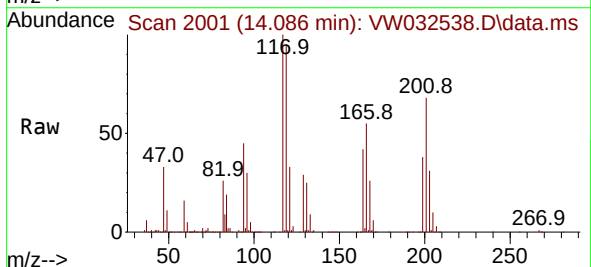
Acq: 26 Nov 2025 13:05

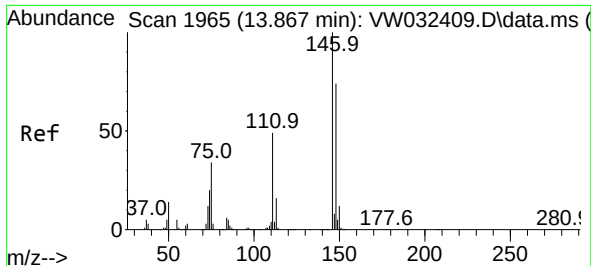
Tgt Ion: 117 Resp: 68581

Ion Ratio Lower Upper

117 100

201 61.4 32.0 96.0

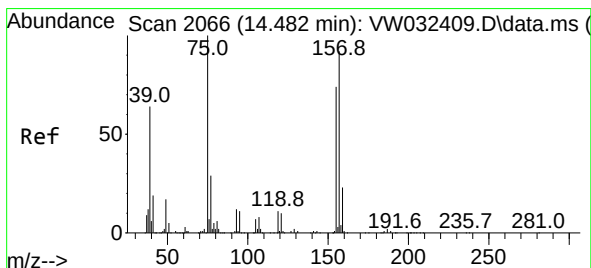
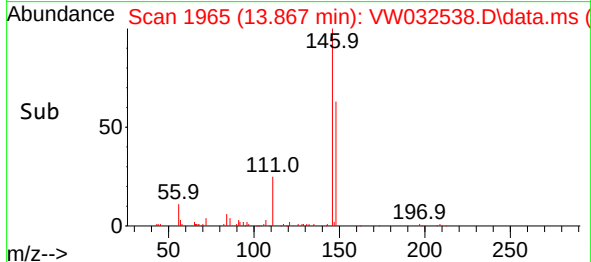
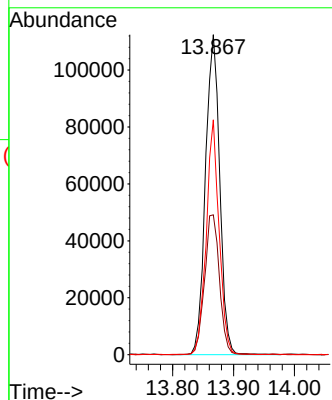
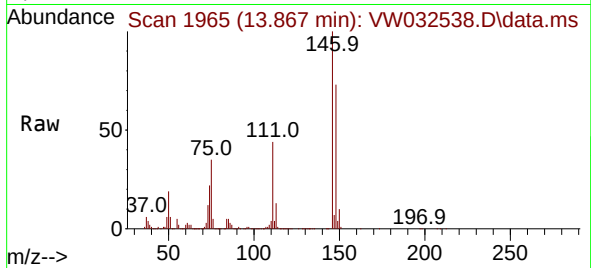




#91
1,2-Dichlorobenzene
Concen: 21.131 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

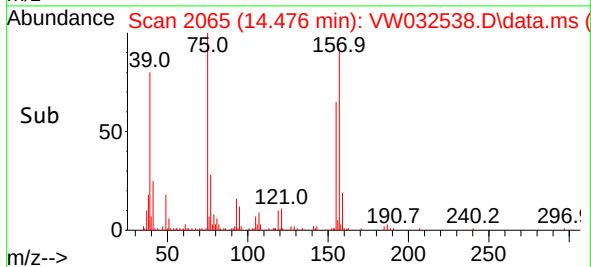
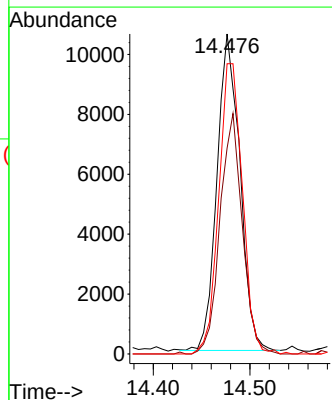
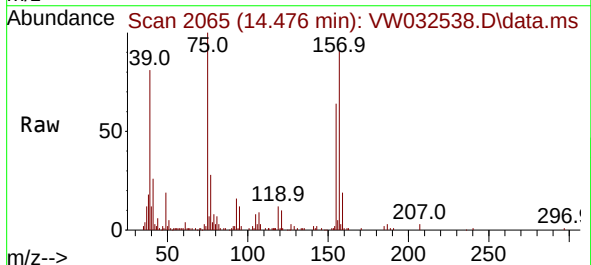
Instrument :
MSVOA_W
ClientSampleId :

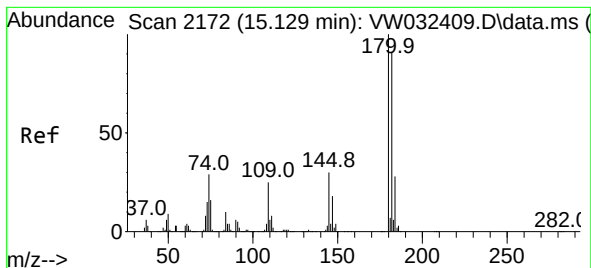
Tgt Ion:146 Resp: 182729
Ion Ratio Lower Upper
146 100
111 45.6 23.4 70.2
148 66.4 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.245 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032538.D
Acq: 26 Nov 2025 13:05

Tgt Ion: 75 Resp: 17369
Ion Ratio Lower Upper
75 100
155 74.0 36.2 108.6
157 94.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.089 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

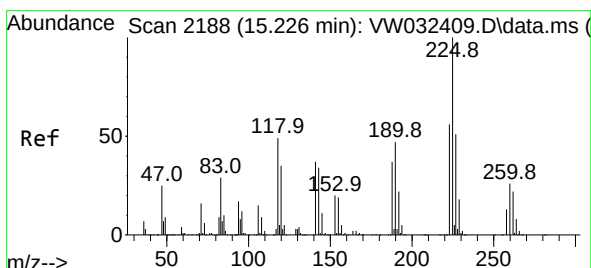
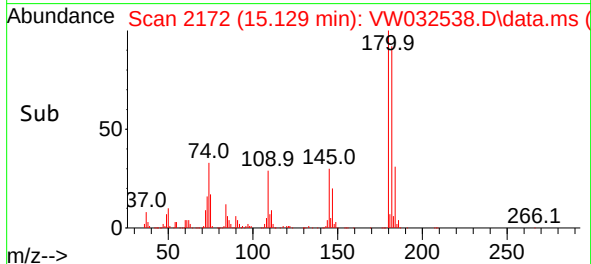
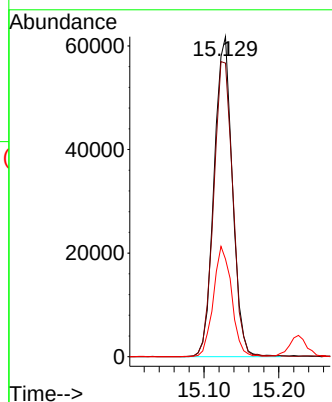
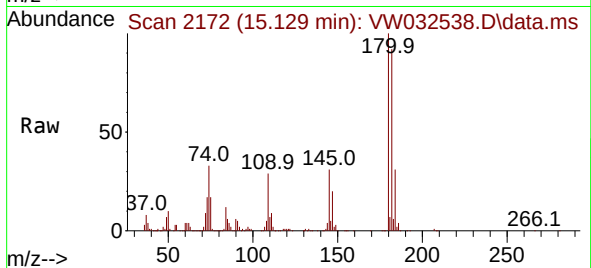
Tgt Ion:180 Resp: 105044

Ion Ratio Lower Upper

180 100

182 96.3 45.3 135.9

145 34.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.339 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

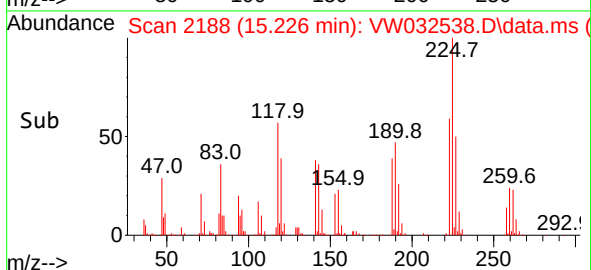
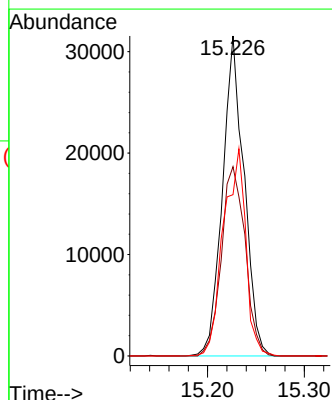
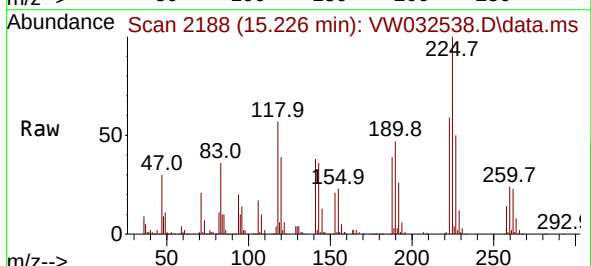
Tgt Ion:225 Resp: 48778

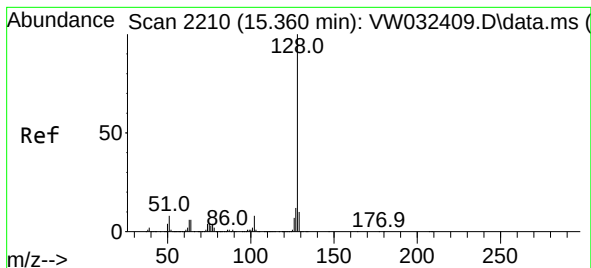
Ion Ratio Lower Upper

225 100

223 65.2 30.6 91.8

227 67.0 29.8 89.4





#95

Naphthalene

Concen: 18.020 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Instrument :

MSVOA_W

ClientSampleId :

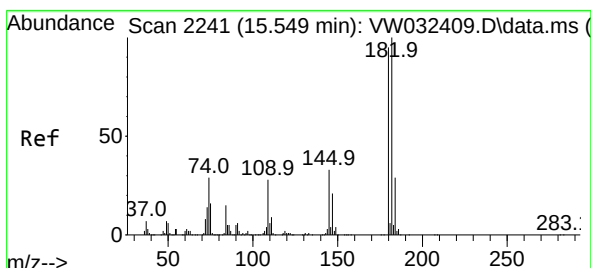
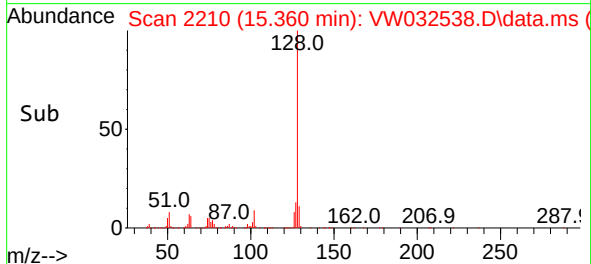
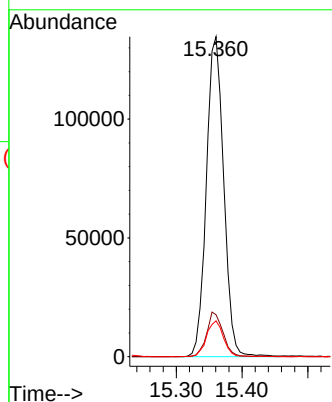
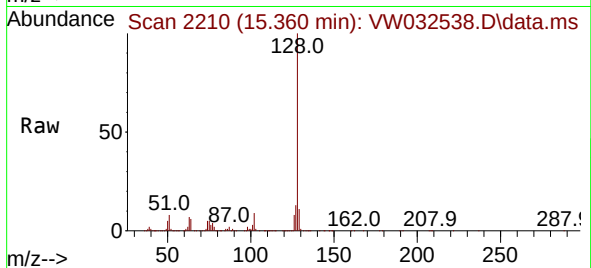
Tgt Ion:128 Resp: 247278

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.703 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032538.D

Acq: 26 Nov 2025 13:05

Tgt Ion:180 Resp: 98437

Ion Ratio Lower Upper

180 100

182 90.3 50.3 151.0

145 35.9 17.8 53.3

