

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032536.D
 Acq On : 26 Nov 2025 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 00:21:49 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	353885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	586351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	285431	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	253656	55.597	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.200%	
35) Dibromofluoromethane	7.898	113	204103	53.926	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.860%	
50) Toluene-d8	10.324	98	777892	53.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.617	95	290681	52.995	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.039	85	100134	55.770	ug/l	97
3) Chloromethane	2.253	50	173312	56.315	ug/l	97
4) Vinyl Chloride	2.405	62	223388	57.514	ug/l	99
5) Bromomethane	2.826	94	146647	56.444	ug/l	99
6) Chloroethane	2.966	64	144375	56.815	ug/l	100
7) Trichlorofluoromethane	3.301	101	162899	53.494	ug/l	94
8) Diethyl Ether	3.722	74	134377	53.973	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	200808	60.535	ug/l	97
10) Methyl Iodide	4.301	142	280410	52.484	ug/l	98
11) Tert butyl alcohol	5.215	59	90242	228.743	ug/l	99
12) 1,1-Dichloroethene	4.069	96	219663	57.749	ug/l	92
13) Acrolein	3.929	56	71634	108.222	ug/l	99
14) Allyl chloride	4.703	41	405679	55.460	ug/l	95
15) Acrylonitrile	5.398	53	381262	264.854	ug/l	99
16) Acetone	4.155	43	356355	261.073	ug/l	97
17) Carbon Disulfide	4.417	76	603023	53.638	ug/l	97
18) Methyl Acetate	4.703	43	205179	60.702	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	421796	52.605	ug/l	99
20) Methylene Chloride	4.947	84	259171	53.093	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	241695	55.570	ug/l	97
22) Diisopropyl ether	6.337	45	838393	56.293	ug/l	97
23) Vinyl Acetate	6.276	43	2809322	275.320	ug/l	98
24) 1,1-Dichloroethane	6.240	63	470680	57.683	ug/l	98
25) 2-Butanone	7.191	43	506744	251.994	ug/l	99
26) 2,2-Dichloropropane	7.179	77	252133	55.444	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	284842	54.809	ug/l	96
28) Bromochloromethane	7.532	49	210332	54.538	ug/l	94
29) Tetrahydrofuran	7.550	42	339596	266.067	ug/l	98
30) Chloroform	7.691	83	474613	59.416	ug/l	99
31) Cyclohexane	7.965	56	402758	53.360	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	331155	58.032	ug/l	97
36) 1,1-Dichloropropene	8.093	75	329519	59.090	ug/l	98
37) Ethyl Acetate	7.270	43	228169	55.024	ug/l	98
38) Carbon Tetrachloride	8.081	117	305909	61.737	ug/l	90
39) Methylcyclohexane	9.337	83	406914	56.326	ug/l	93
40) Benzene	8.337	78	1027690	57.226	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	118366	51.962	ug/l	98
42) 1,2-Dichloroethane	8.410	62	321088	60.870	ug/l	97
43) Isopropyl Acetate	8.434	43	404559	55.098	ug/l	99
44) Trichloroethene	9.099	130	230022	55.044	ug/l	98
45) 1,2-Dichloropropane	9.373	63	262731	58.754	ug/l	99
46) Dibromomethane	9.465	93	151373	57.928	ug/l	99
47) Bromodichloromethane	9.648	83	357194	59.924	ug/l	93
48) Methyl methacrylate	9.440	41	203688	58.378	ug/l	97
49) 1,4-Dioxane	9.459	88	38085	1040.386	ug/l #	92
51) 4-Methyl-2-Pentanone	10.208	43	1162333	286.349	ug/l	98
52) Toluene	10.385	92	644751	58.124	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	348787	56.816	ug/l	96
54) cis-1,3-Dichloropropene	10.074	75	408430	57.532	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	200992	56.068	ug/l	98
56) Ethyl methacrylate	10.647	69	302586	55.013	ug/l	97
57) 1,3-Dichloropropane	10.934	76	369138	57.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	786217	268.411	ug/l	99
59) 2-Hexanone	10.964	43	814669	274.316	ug/l	97
60) Dibromochloromethane	11.129	129	232841	58.163	ug/l	100
61) 1,2-Dibromoethane	11.233	107	194929	55.830	ug/l	100
64) Tetrachloroethene	10.861	164	195430	56.283	ug/l #	83
65) Chlorobenzene	11.659	112	680746	53.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	215135	55.005	ug/l	98
67) Ethyl Benzene	11.726	91	1239569	56.686	ug/l	100
68) m/p-Xylenes	11.836	106	906489	110.409	ug/l	96
69) o-Xylene	12.165	106	435488	55.396	ug/l	99
70) Styrene	12.178	104	773278	57.181	ug/l	99
71) Bromoform	12.348	173	122869	53.038	ug/l #	100
73) Isopropylbenzene	12.458	105	1118323	53.347	ug/l	98
74) N-amyl acetate	12.269	43	369695	50.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	258804	52.021	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	332461	84.947	ug/l	34
77) Bromobenzene	12.745	156	258573	52.097	ug/l	96
78) n-propylbenzene	12.799	91	1416555	55.488	ug/l	98
79) 2-Chlorotoluene	12.885	91	846639	54.326	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	964429	55.765	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	87439	51.172	ug/l	94
82) 4-Chlorotoluene	12.982	91	864480	53.333	ug/l	99
83) tert-Butylbenzene	13.202	119	792168	52.655	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	952843	54.168	ug/l	99
85) sec-Butylbenzene	13.379	105	1193114	53.250	ug/l	99
86) p-Isopropyltoluene	13.494	119	976186	52.768	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	525128	55.803	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	505802	52.465	ug/l	99
89) n-Butylbenzene	13.818	91	984921	54.495	ug/l	99
90) Hexachloroethane	14.086	117	176857	53.023	ug/l	95
91) 1,2-Dichlorobenzene	13.866	146	462168	53.501	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43093	50.280	ug/l	94
93) 1,2,4-Trichlorobenzene	15.128	180	276099	50.225	ug/l	98
94) Hexachlorobutadiene	15.226	225	119925	52.517	ug/l	97
95) Naphthalene	15.360	128	657110	47.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	261370	52.370	ug/l	93

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QLast Update : Tue Nov 11 03:48:21 2025
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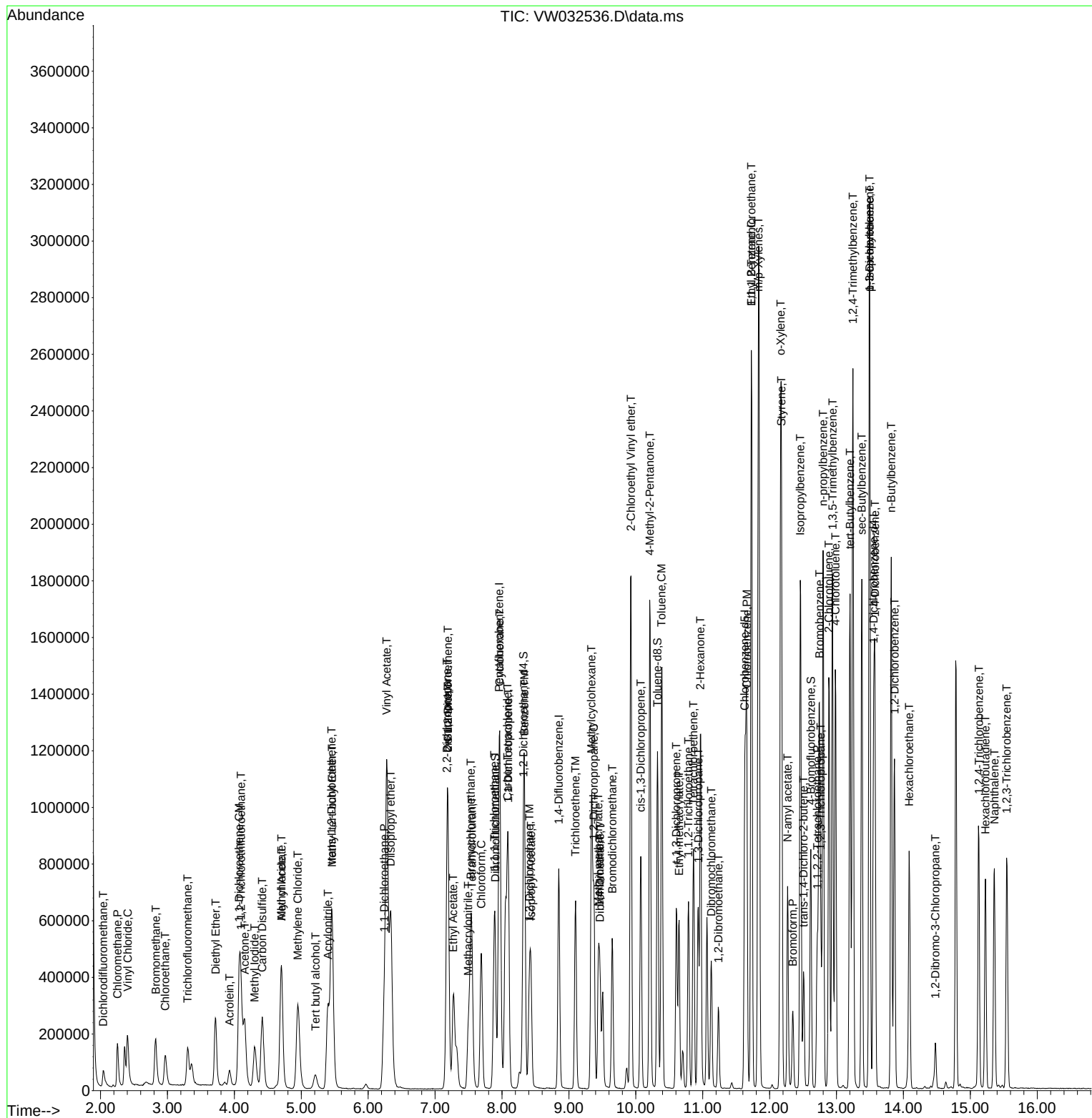
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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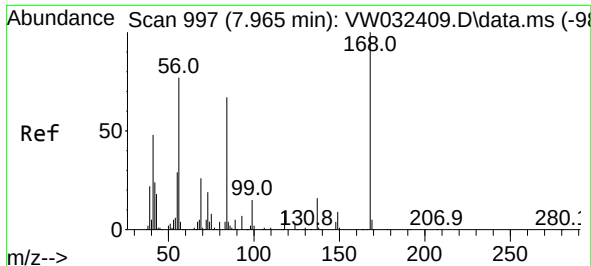
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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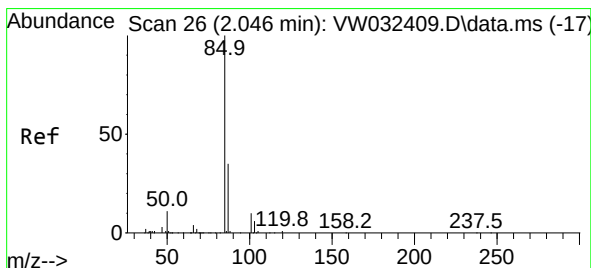
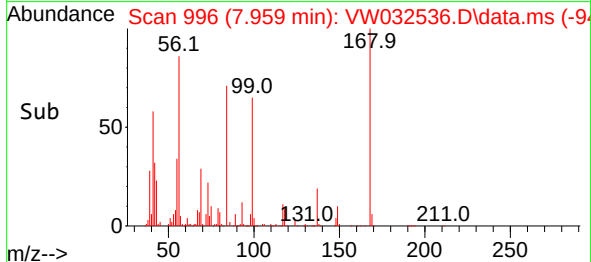
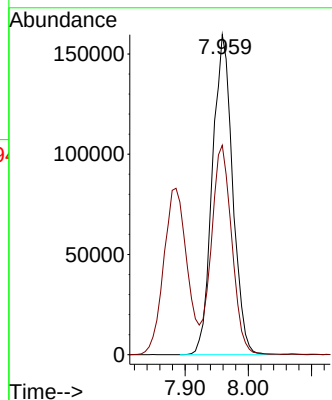
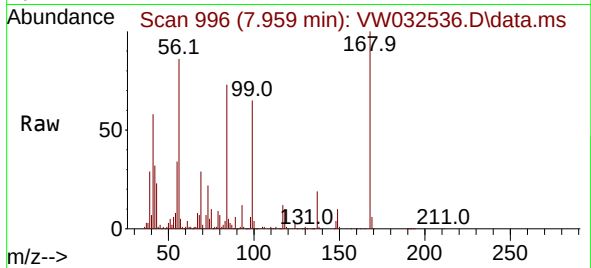




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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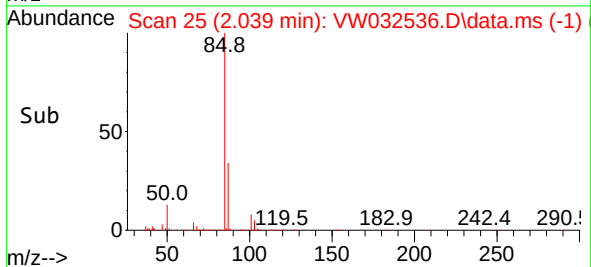
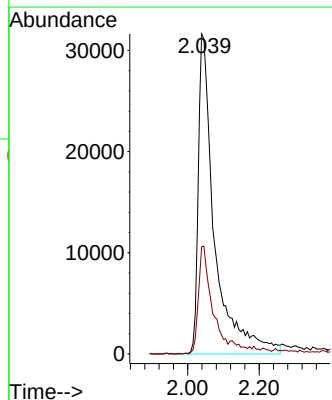
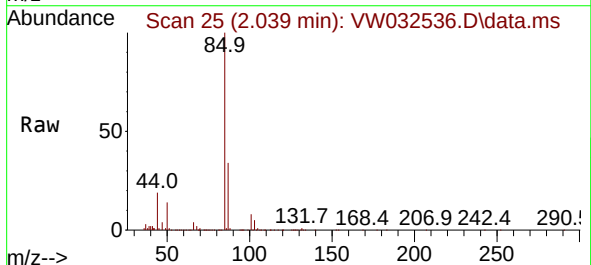
Instrument :
MSVOA_W
ClientSampleId :

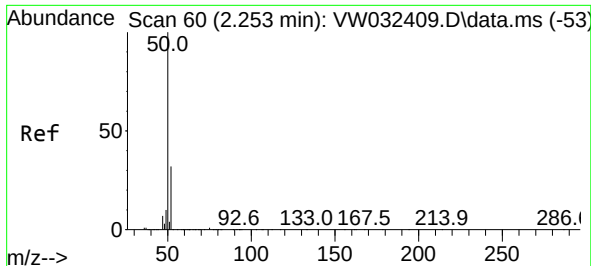
Tgt Ion:168 Resp: 353885
Ion Ratio Lower Upper
168 100
99 65.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 55.770 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 85 Resp: 100134
Ion Ratio Lower Upper
85 100
87 33.3 17.4 52.2

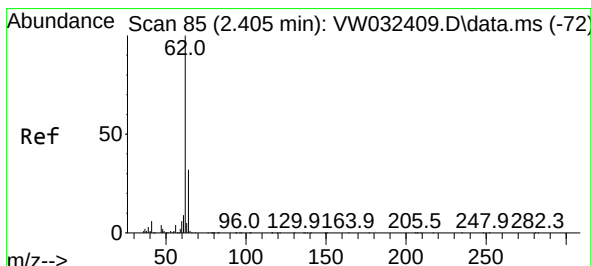
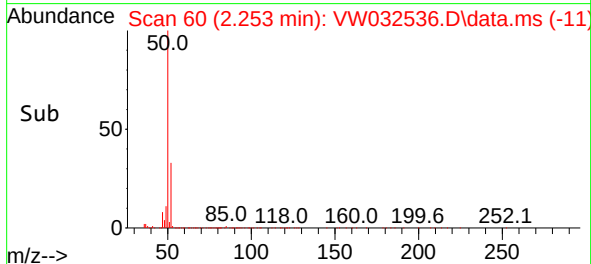
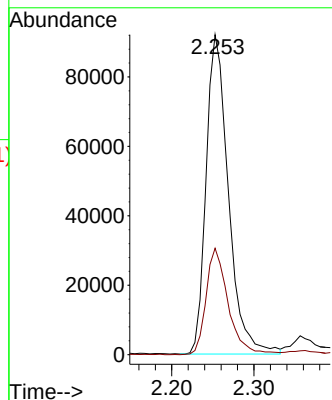
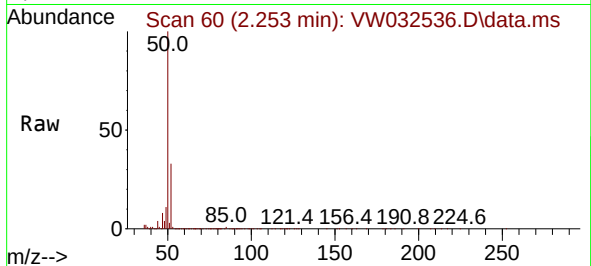




#3
Chloromethane
Concen: 56.315 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

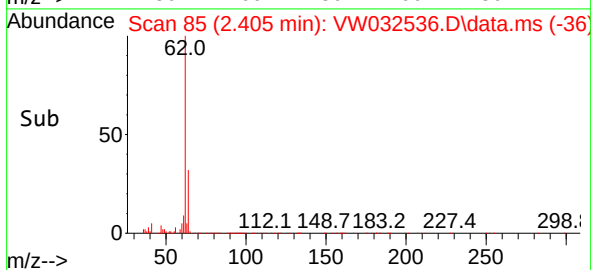
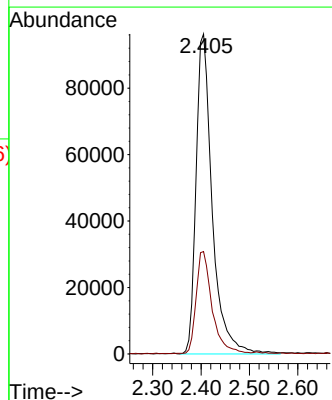
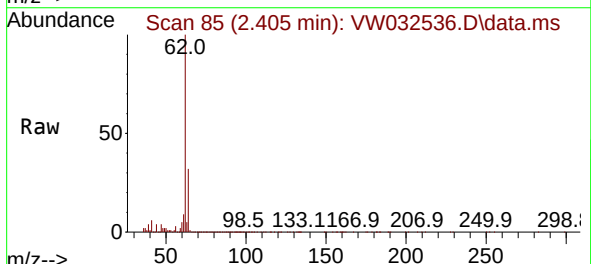
Instrument :
MSVOA_W
ClientSampleId :

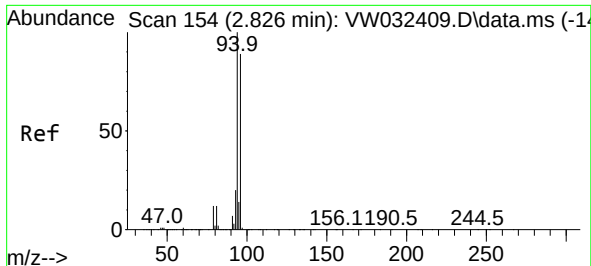
Tgt Ion: 50 Resp: 173312
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 57.514 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 62 Resp: 223388
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8

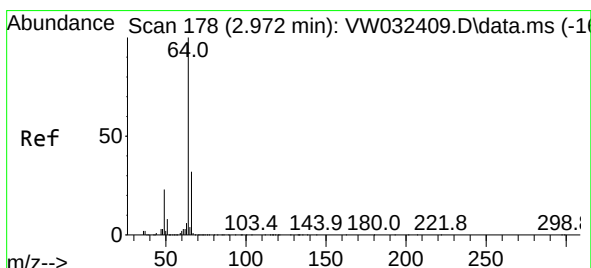
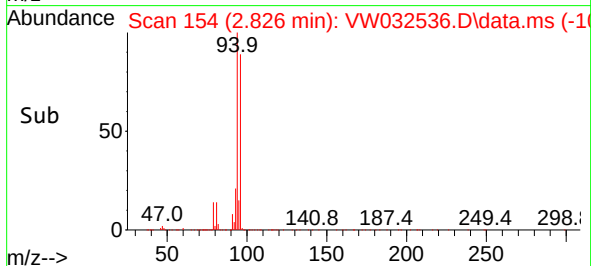
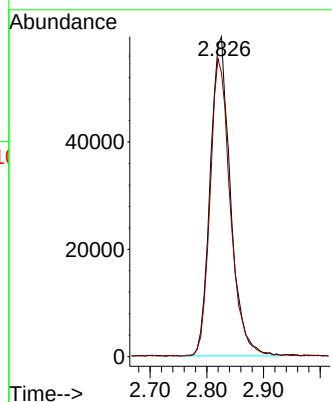
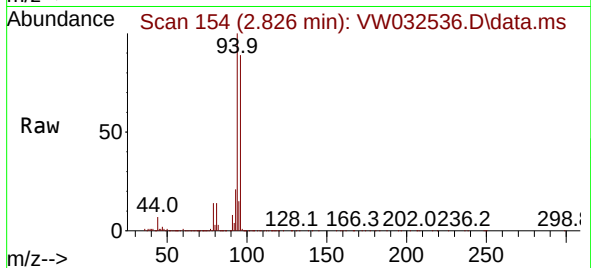




#5
Bromomethane
Concen: 56.444 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032536.D
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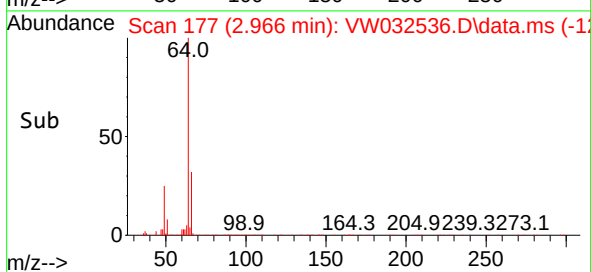
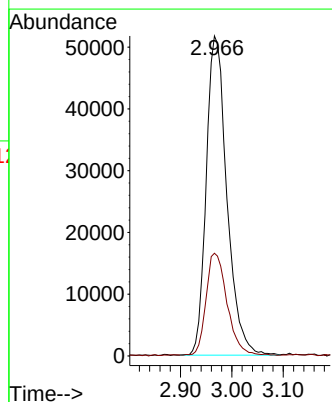
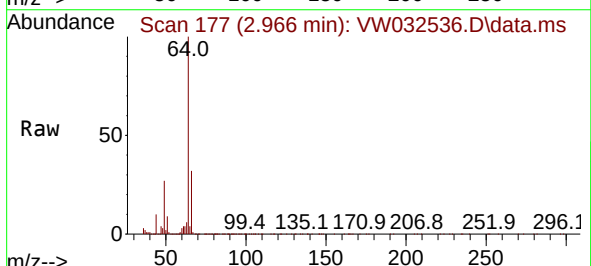
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MSVOA_W
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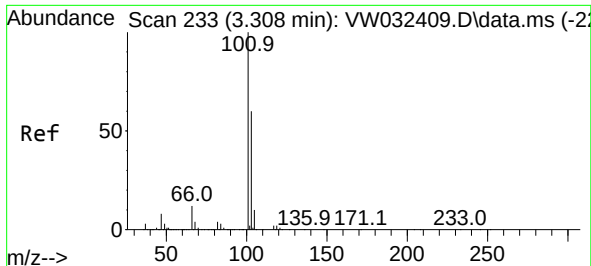
Tgt Ion: 94 Resp: 146647
Ion Ratio Lower Upper
94 100
96 88.7 71.4 107.2



#6
Chloroethane
Concen: 56.815 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 64 Resp: 144375
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

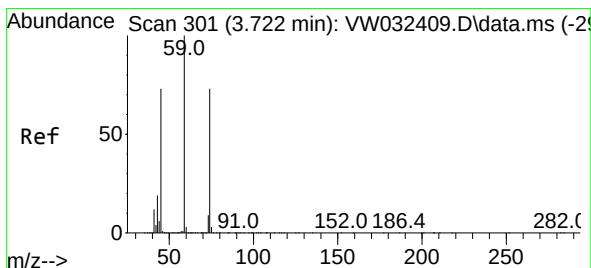
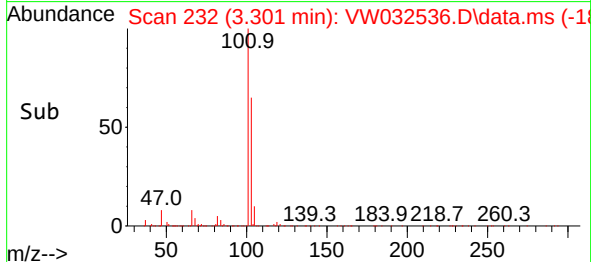
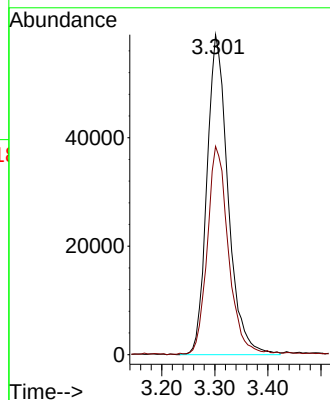
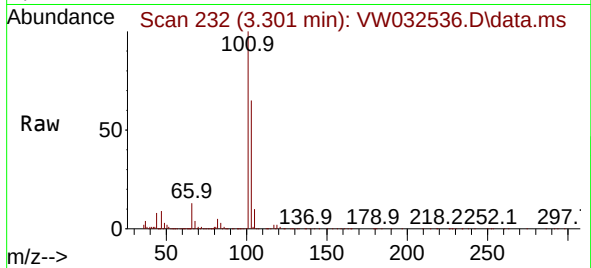




#7
 Trichlorofluoromethane
 Concen: 53.494 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032536.D
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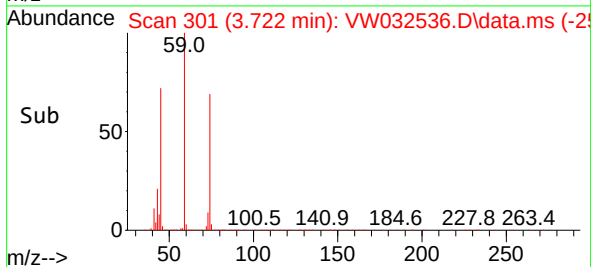
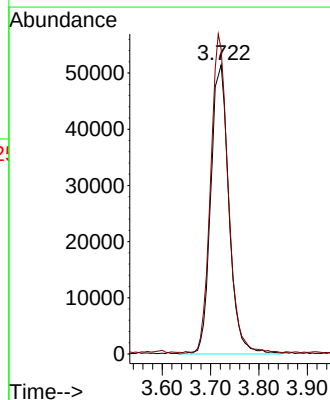
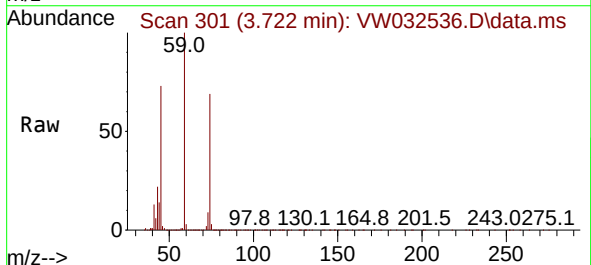
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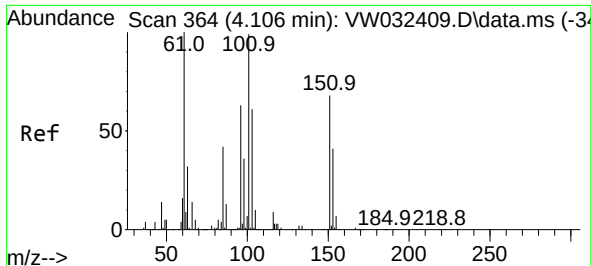
Tgt Ion:101 Resp: 162899
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.973 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 134377
 Ion Ratio Lower Upper
 74 100
 45 105.9 51.8 155.4

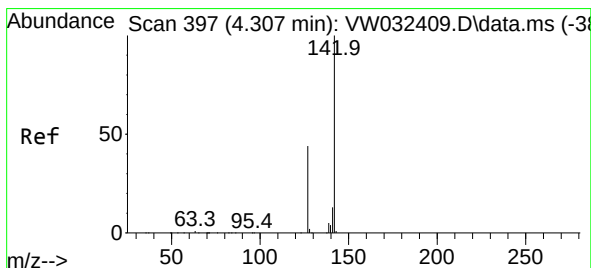
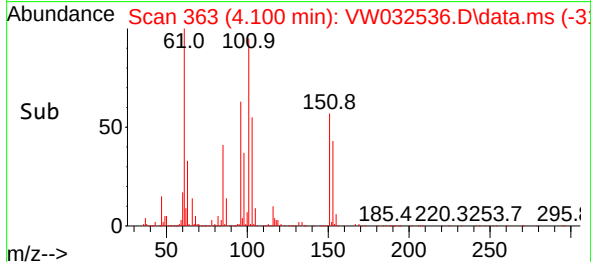
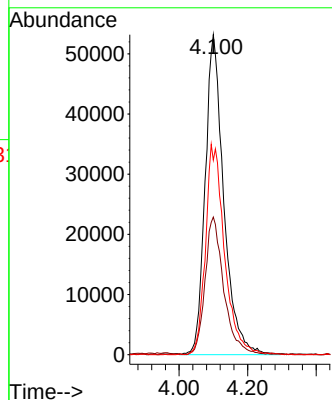
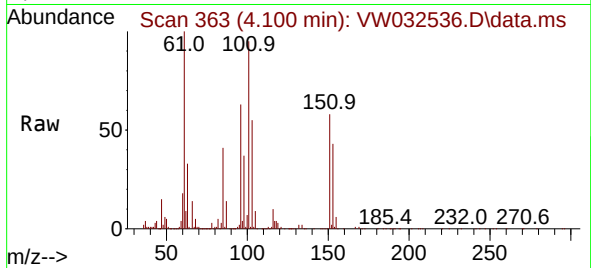




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.535 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

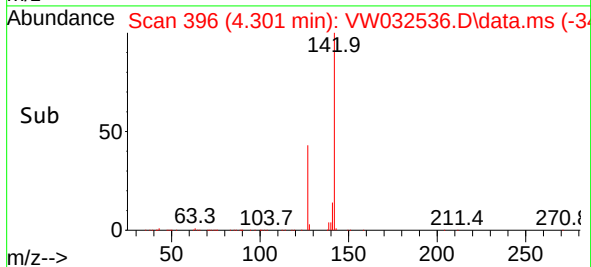
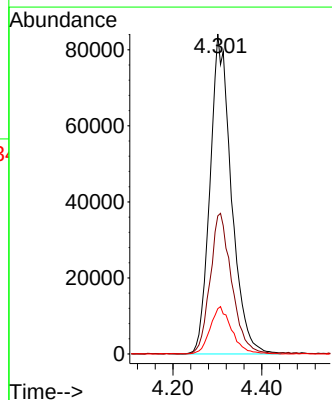
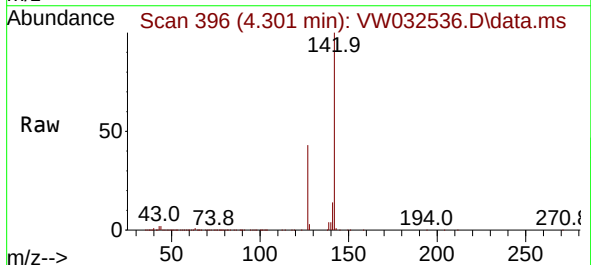
Instrument :
MSVOA_W
ClientSampleId :

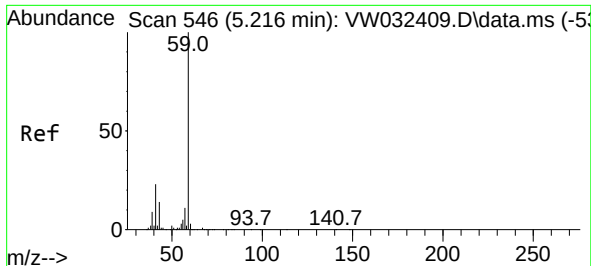
Tgt Ion:101 Resp: 200808
Ion Ratio Lower Upper
101 100
85 43.4 34.1 51.1
151 67.5 56.4 84.6



#10
Methyl Iodide
Concen: 52.484 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:142 Resp: 280410
Ion Ratio Lower Upper
142 100
127 44.6 34.2 51.2
141 15.0 11.8 17.8

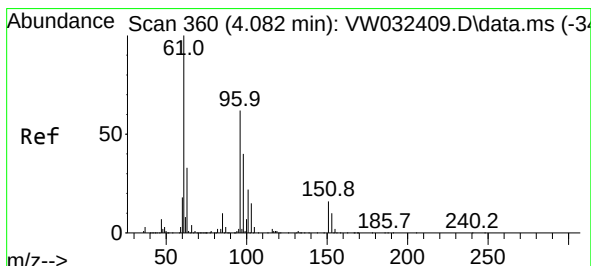
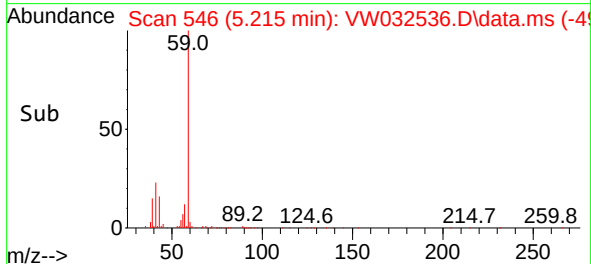
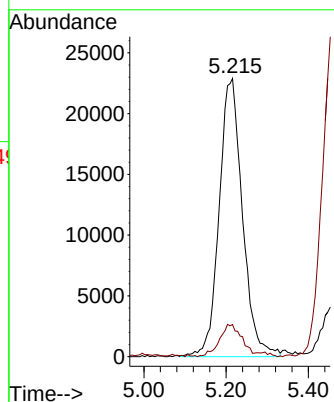
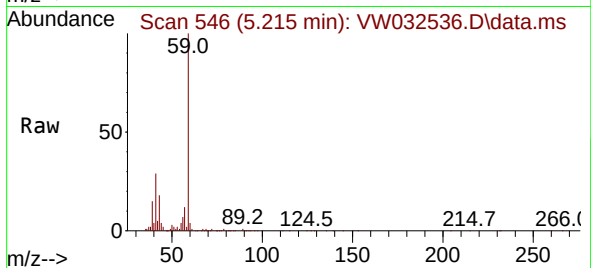




#11
Tert butyl alcohol
Concen: 228.743 ug/l
RT: 5.215 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

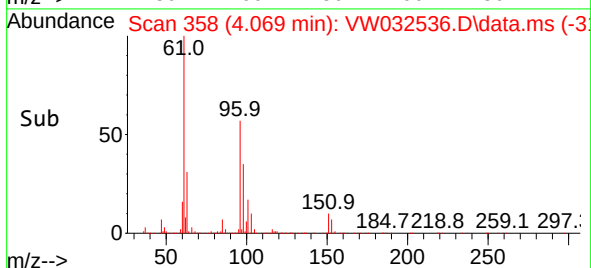
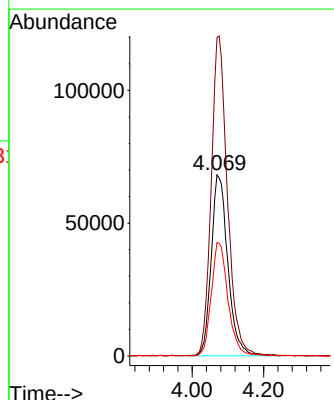
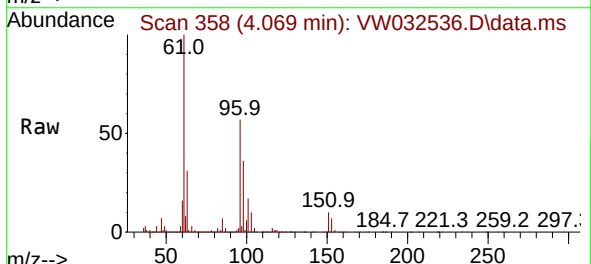
Instrument :
MSVOA_W
ClientSampleId :

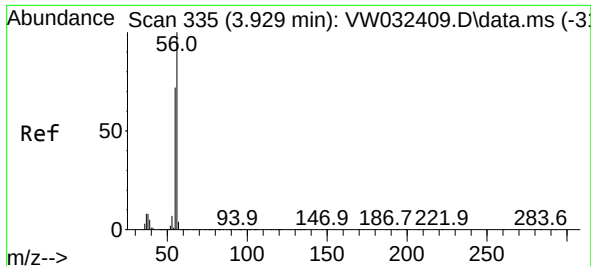
Tgt Ion: 59 Resp: 90242
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 57.749 ug/l
RT: 4.069 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 96 Resp: 219663
Ion Ratio Lower Upper
96 100
61 175.7 129.0 193.6
98 62.5 51.1 76.7

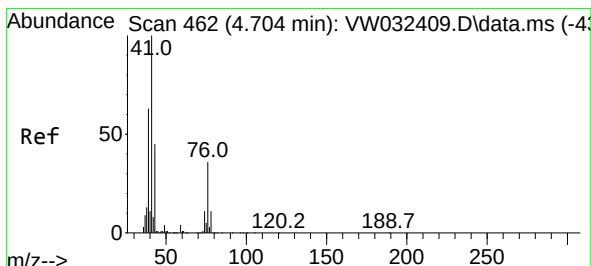
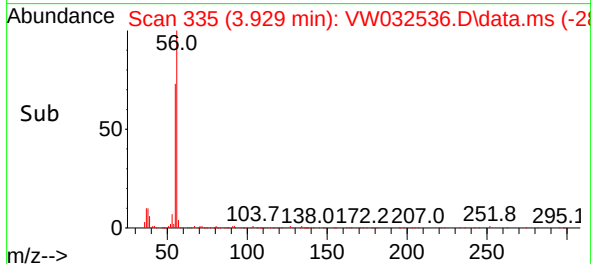
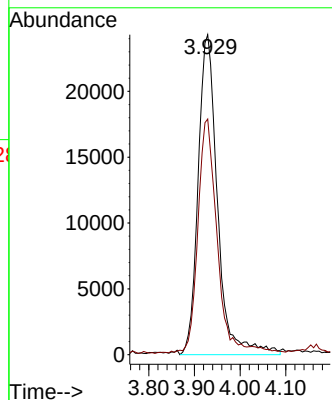
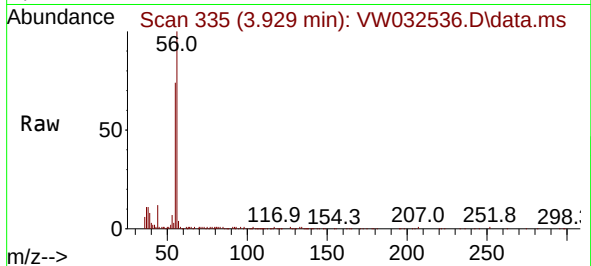




#13
Acrolein
Concen: 108.222 ug/l
RT: 3.929 min Scan# 311
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

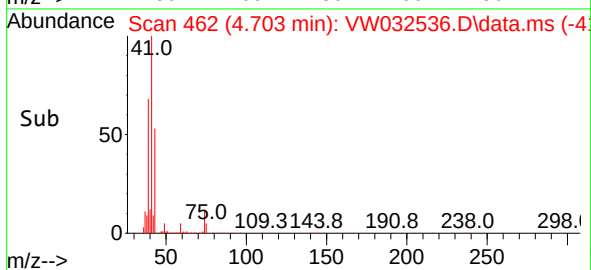
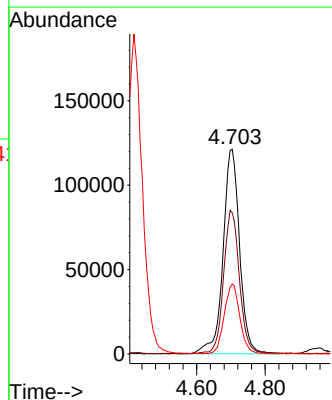
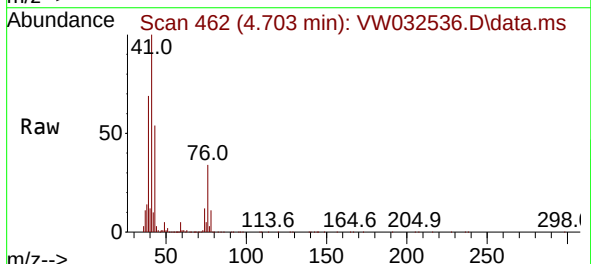
Instrument :
MSVOA_W
ClientSampleId :

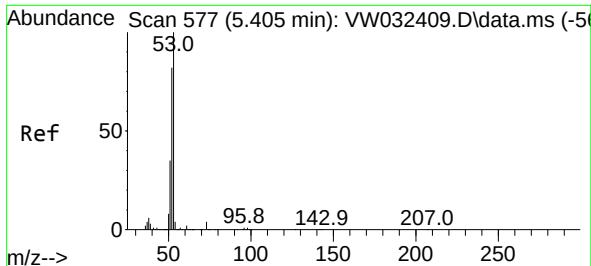
Tgt Ion: 56 Resp: 71634
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5



#14
Allyl chloride
Concen: 55.460 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 41 Resp: 405679
Ion Ratio Lower Upper
41 100
39 67.0 50.2 75.2
76 31.9 27.0 40.6

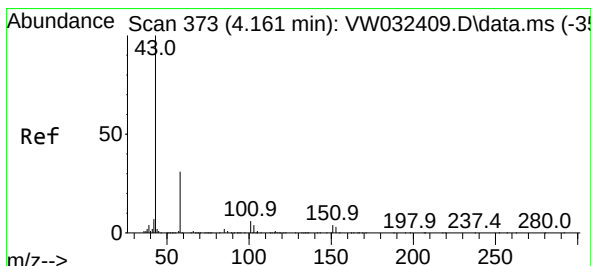
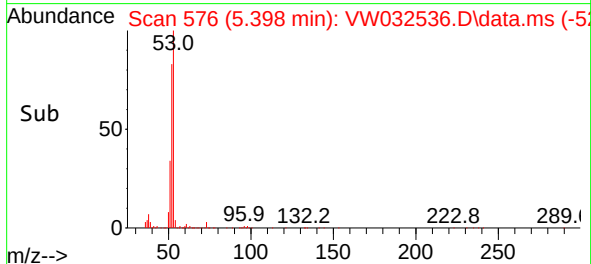
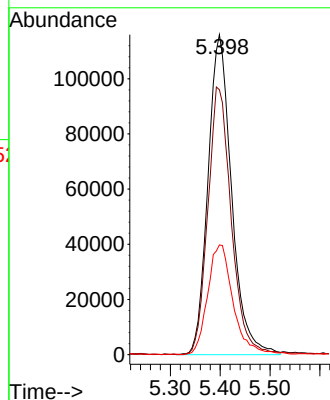
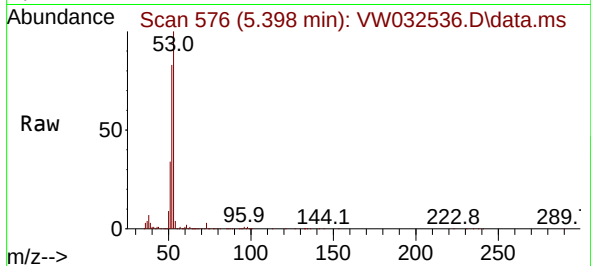




#15
Acrylonitrile
Concen: 264.854 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

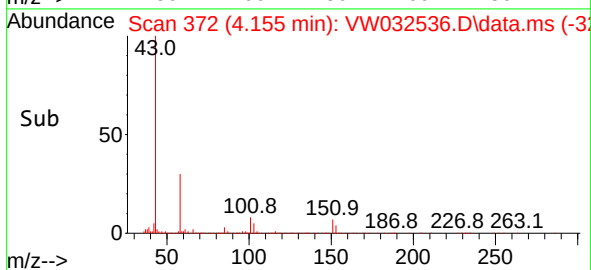
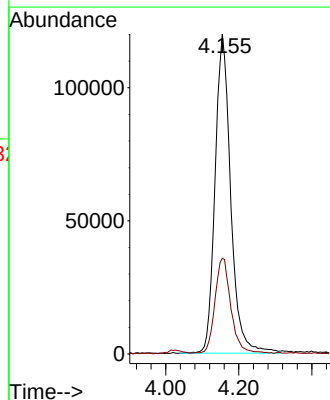
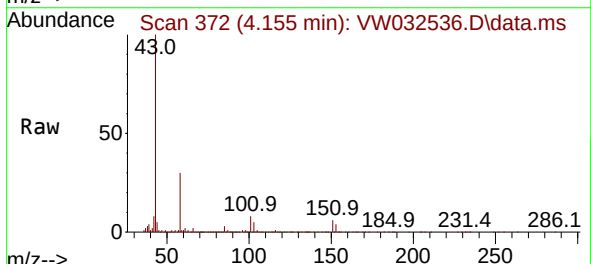
Instrument :
MSVOA_W
ClientSampleId :

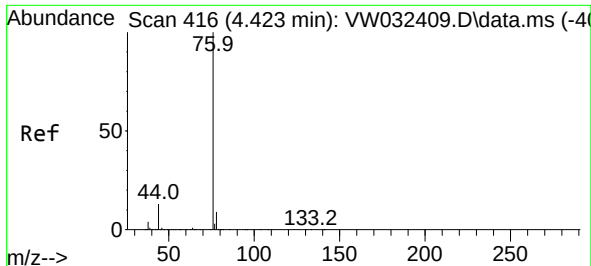
Tgt Ion: 53 Resp: 381262
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 37.2 28.6 43.0



#16
Acetone
Concen: 261.073 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 43 Resp: 356355
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2

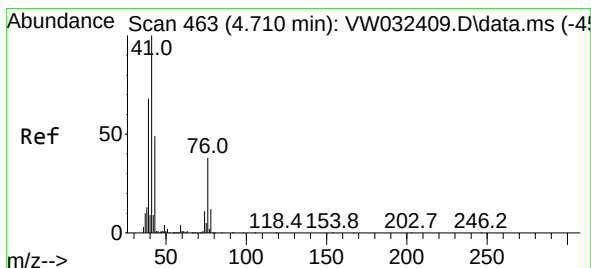
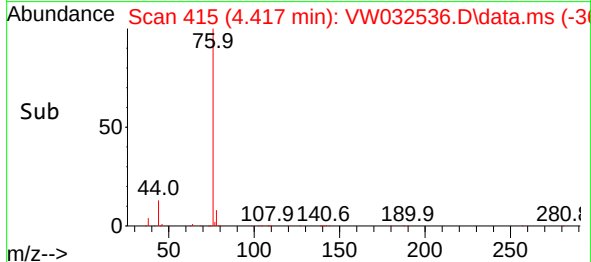
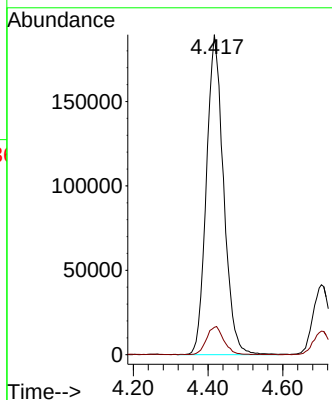
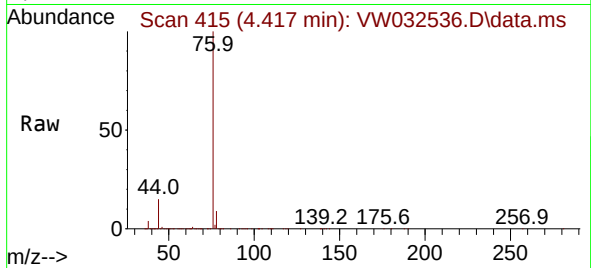




#17
Carbon Disulfide
Concen: 53.638 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

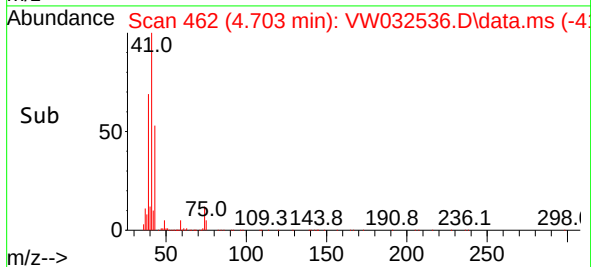
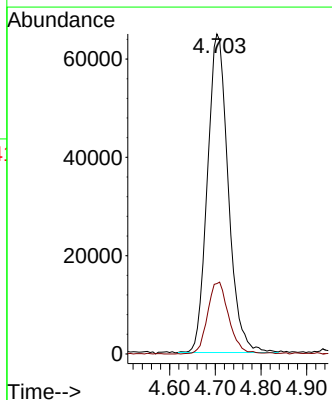
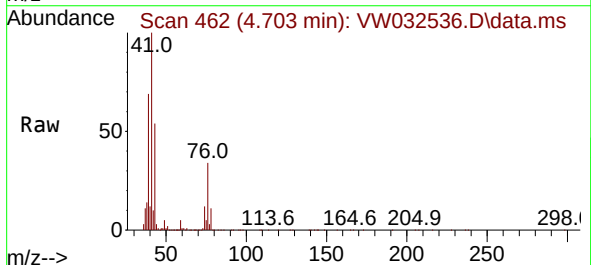
Instrument :
MSVOA_W
ClientSampleId :

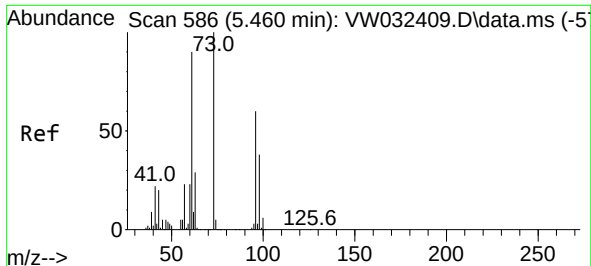
Tgt Ion: 76 Resp: 603023
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 60.702 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 43 Resp: 205179
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 52.605 ug/l

RT: 5.459 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

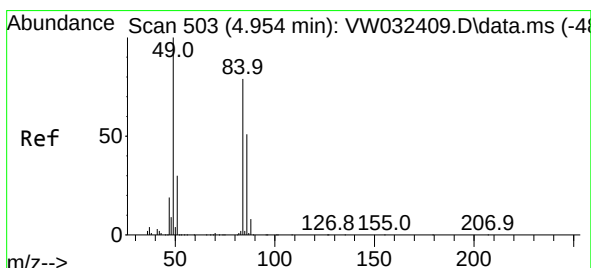
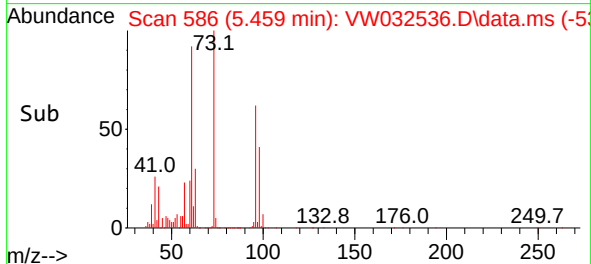
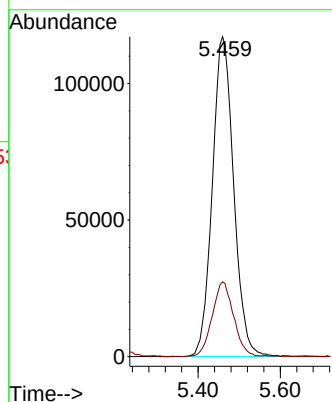
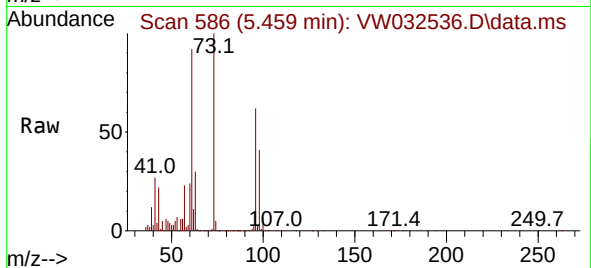
ClientSampleId :

Tgt Ion: 73 Resp: 421796

Ion Ratio Lower Upper

73 100

57 23.3 18.3 27.5



#20

Methylene Chloride

Concen: 53.093 ug/l

RT: 4.947 min Scan# 502

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Tgt Ion: 84 Resp: 259171

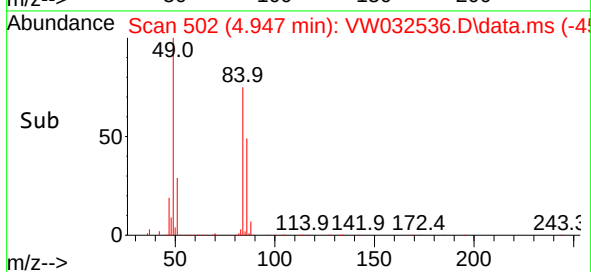
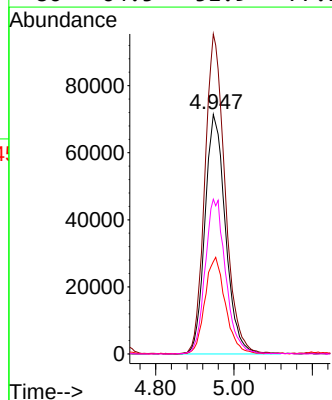
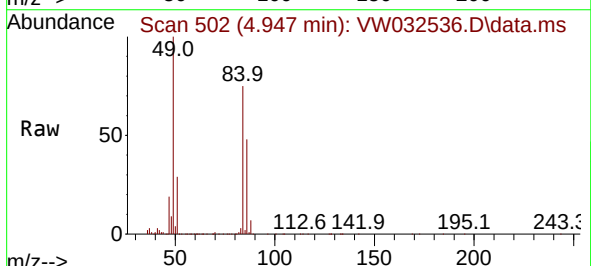
Ion Ratio Lower Upper

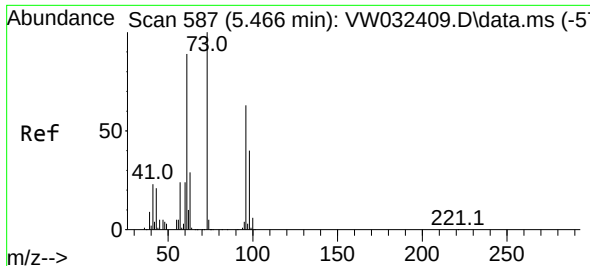
84 100

49 133.4 101.5 152.3

51 38.4 30.6 46.0

86 64.5 51.9 77.9

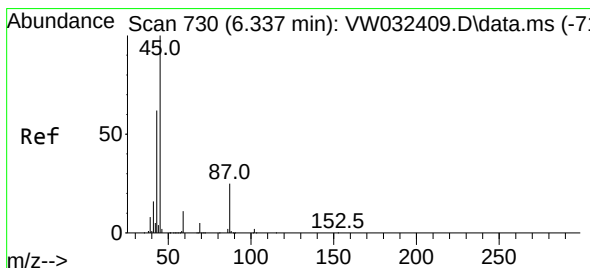
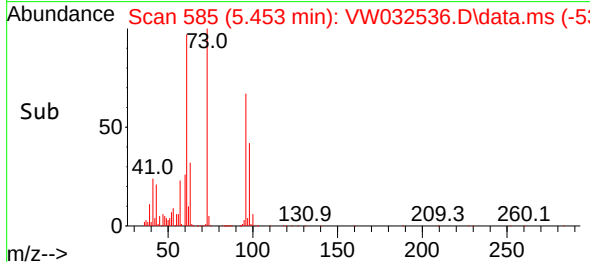
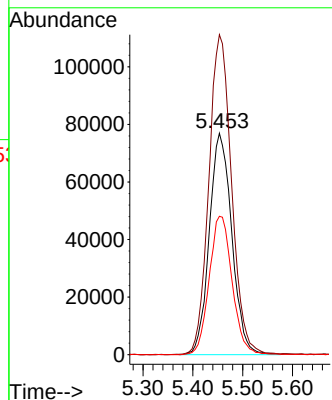
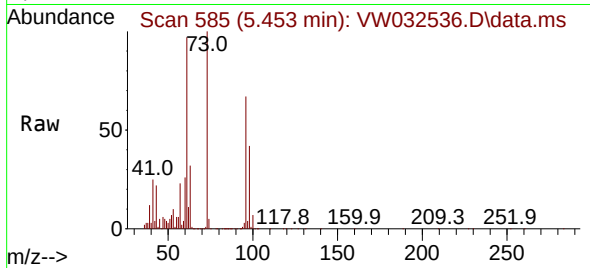




#21
trans-1,2-Dichloroethene
Concen: 55.570 ug/l
RT: 5.453 min Scan# 587
Delta R.T. -0.012 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

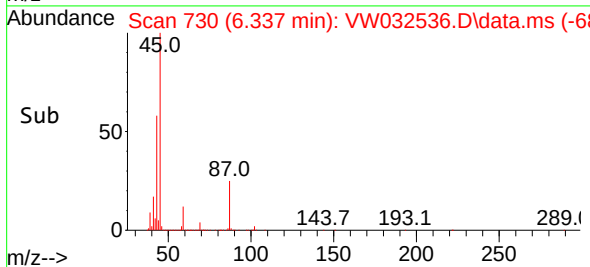
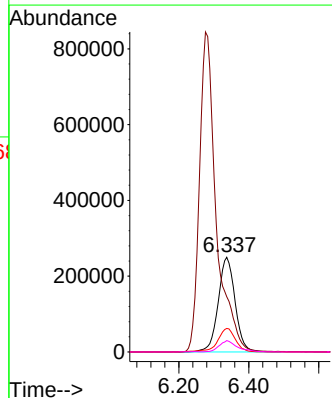
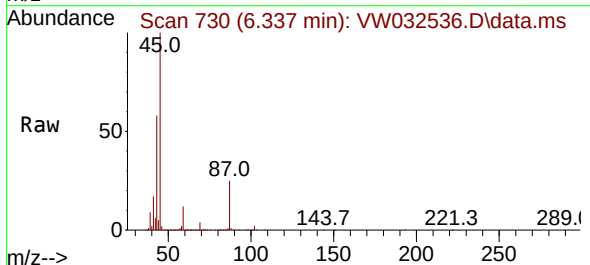
Instrument :
MSVOA_W
ClientSampleId :

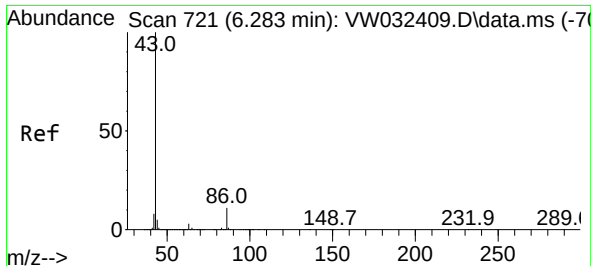
Tgt Ion: 96 Resp: 241695
Ion Ratio Lower Upper
96 100
61 144.3 112.5 168.7
98 62.5 51.1 76.7



#22
Diisopropyl ether
Concen: 56.293 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 45 Resp: 838393
Ion Ratio Lower Upper
45 100
43 58.2 49.4 74.2
87 24.8 20.1 30.1
59 11.9 9.0 13.4

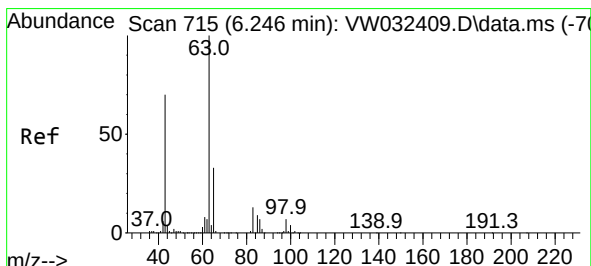
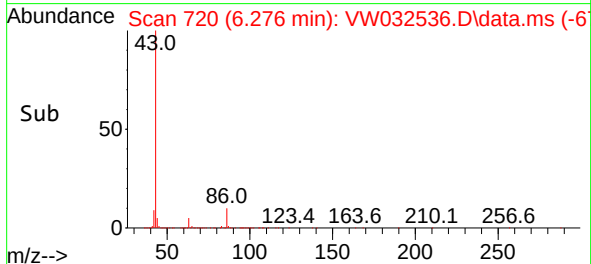
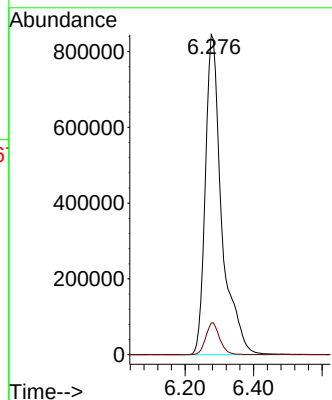
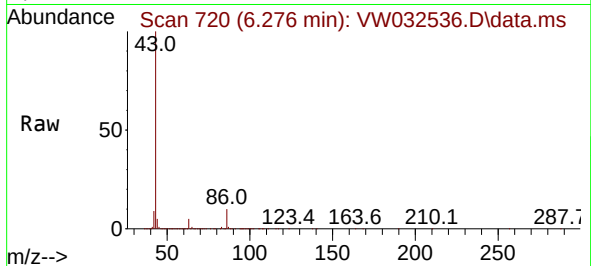




#23
 Vinyl Acetate
 Concen: 275.320 ug/l
 RT: 6.276 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

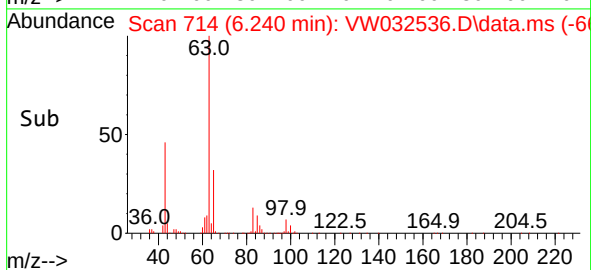
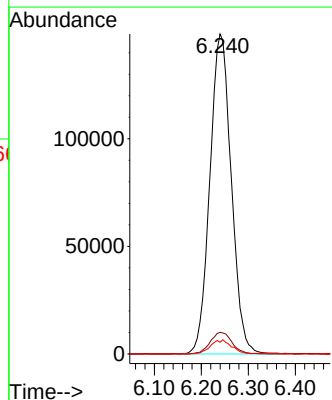
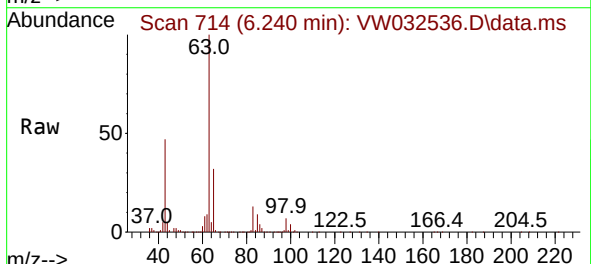
Instrument :
 MSVOA_W
 ClientSampleId :

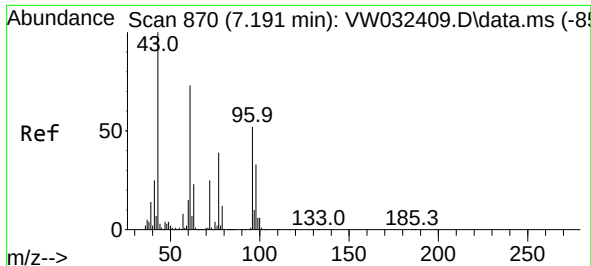
Tgt Ion: 43 Resp: 2809322
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.683 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

Tgt Ion: 63 Resp: 470680
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.6 2.3 6.8

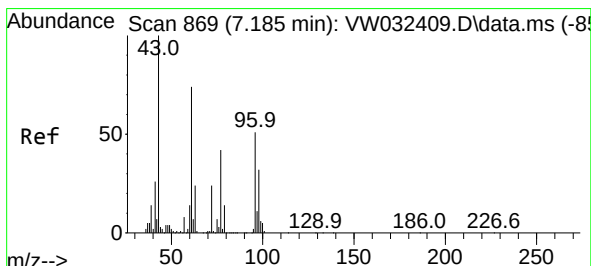
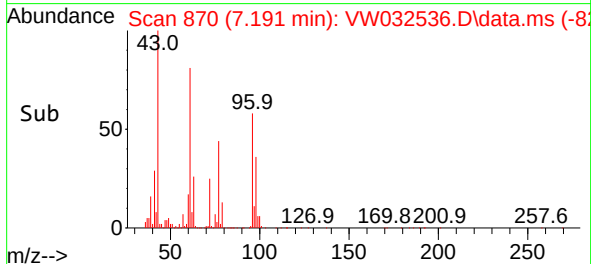
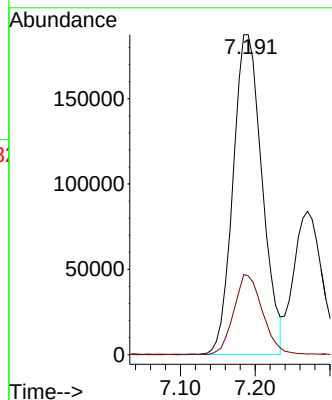
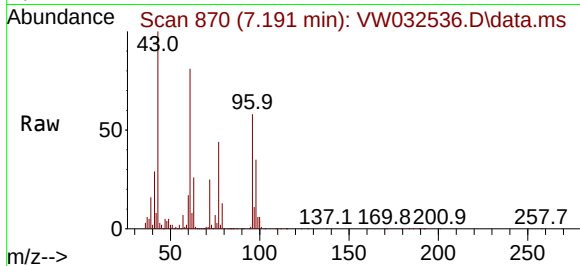




#25
2-Butanone
Concen: 251.994 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

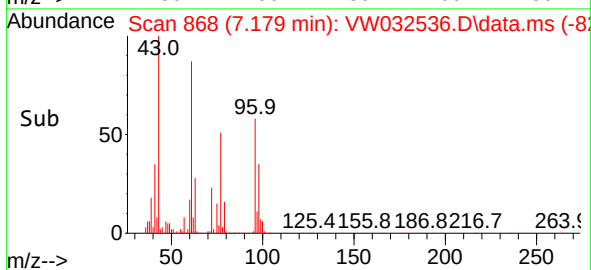
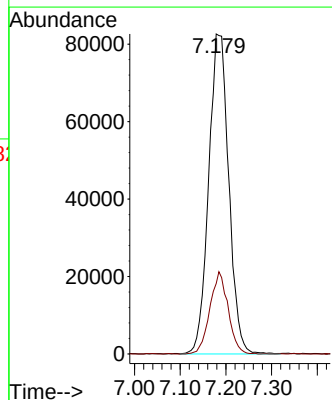
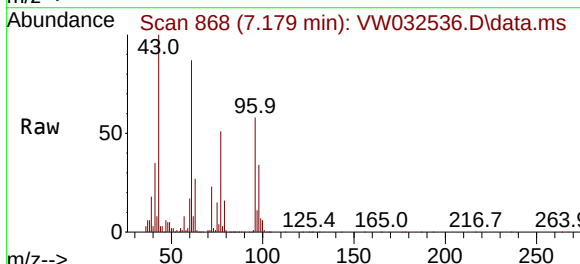
Instrument :
MSVOA_W
ClientSampleId :

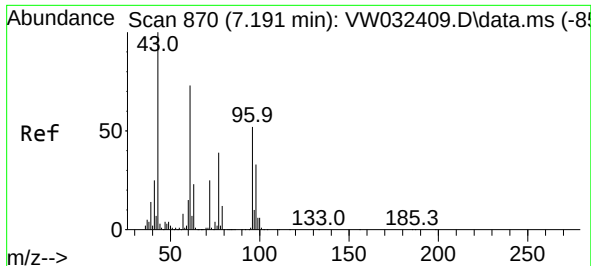
Tgt Ion: 43 Resp: 506744
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0



#26
2,2-Dichloropropane
Concen: 55.444 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 77 Resp: 252133
Ion Ratio Lower Upper
77 100
97 23.3 12.3 36.8

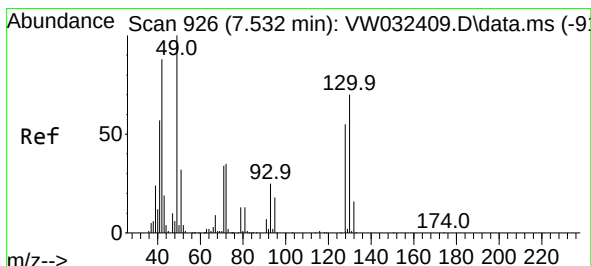
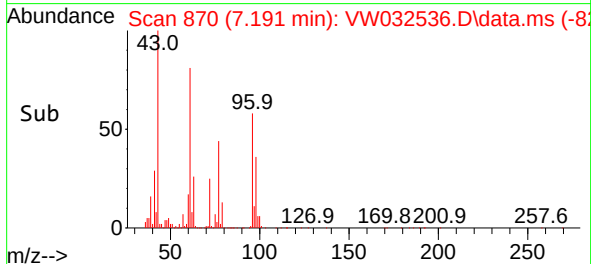
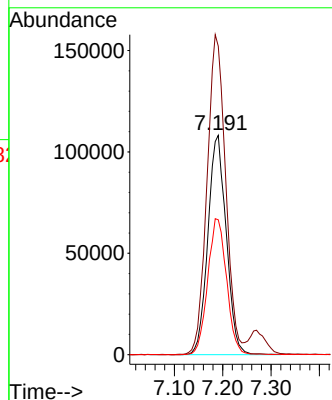
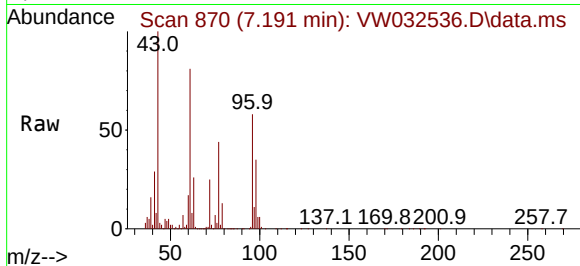




#27
 cis-1,2-Dichloroethene
 Concen: 54.809 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

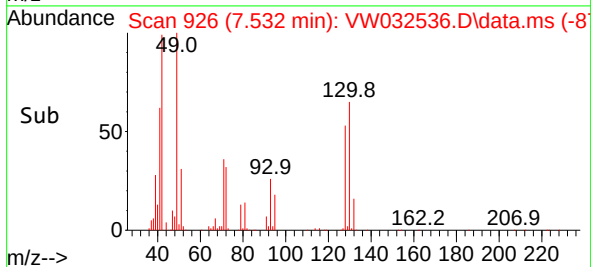
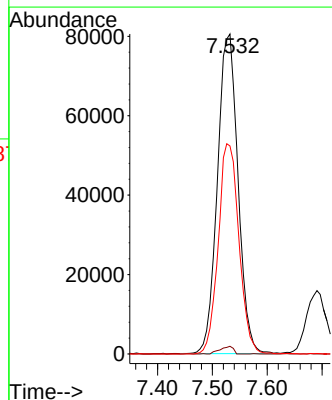
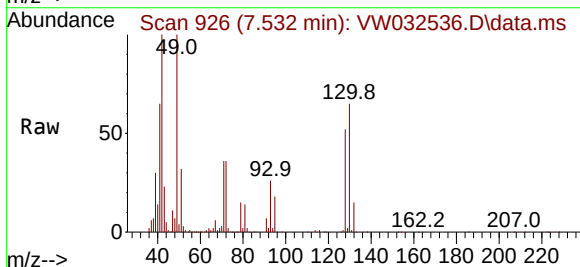
Instrument :
 MSVOA_W
 ClientSampleId :

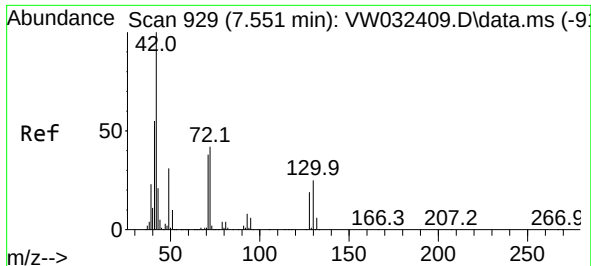
Tgt Ion: 96 Resp: 284842
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 282.6
 98 63.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.538 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

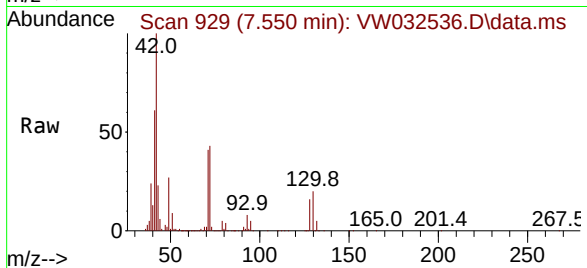
Tgt Ion: 49 Resp: 210332
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 66.1 56.9 85.3



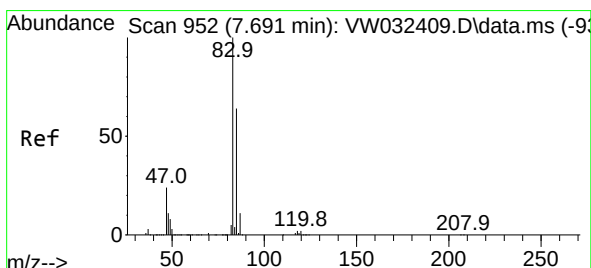
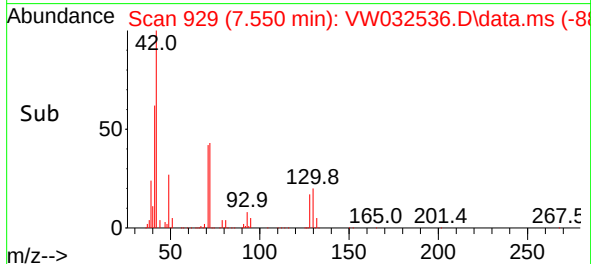
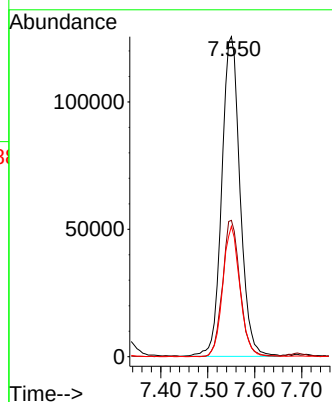


#29
Tetrahydrofuran
Concen: 266.067 ug/l
RT: 7.550 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Instrument :
MSVOA_W
ClientSampleId :

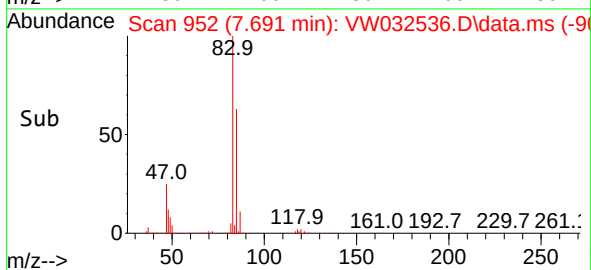
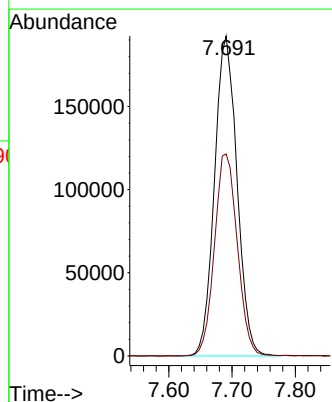
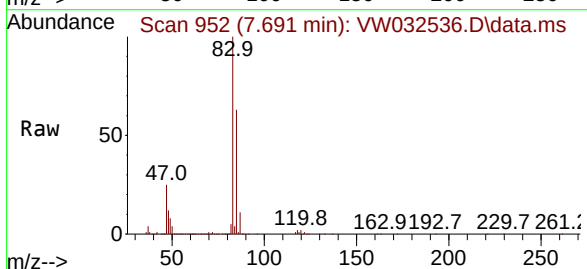


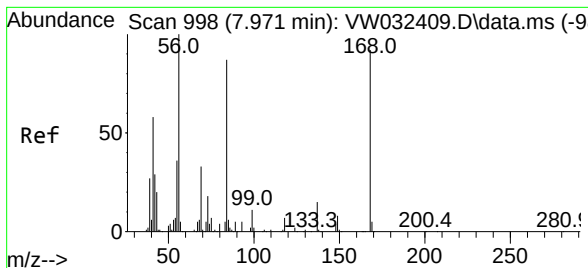
Tgt Ion: 42 Resp: 339596
Ion Ratio Lower Upper
42 100
72 40.8 33.6 50.4
71 38.5 31.4 47.0



#30
Chloroform
Concen: 59.416 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 83 Resp: 474613
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4

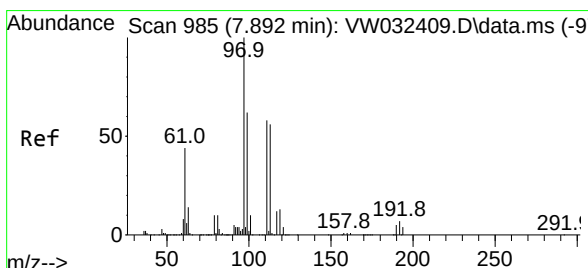
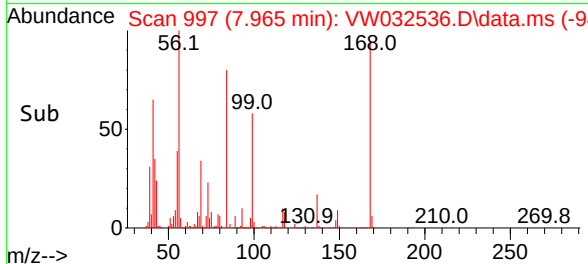
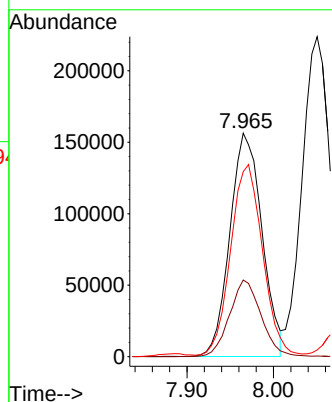
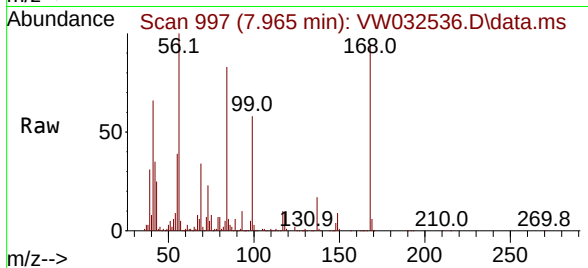




#31
Cyclohexane
Concen: 53.360 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

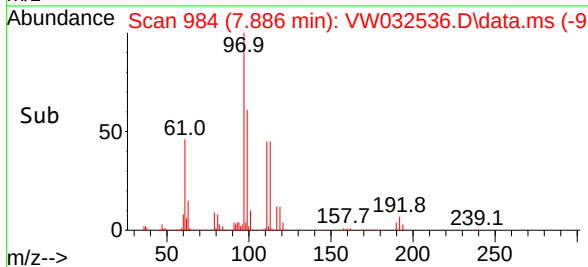
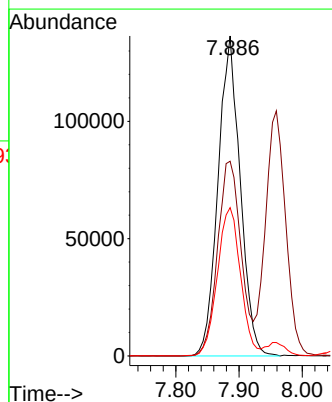
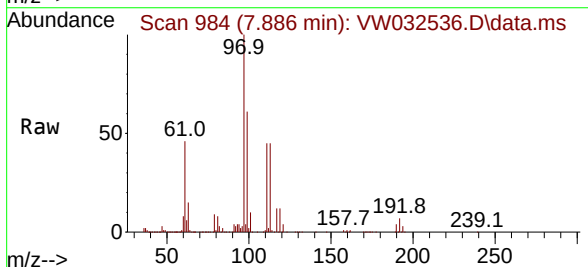
Instrument :
MSVOA_W
ClientSampleId :

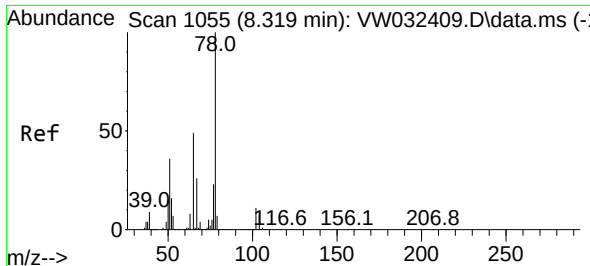
Tgt Ion: 56 Resp: 402758
Ion Ratio Lower Upper
56 100
69 34.3 26.5 39.7
84 81.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 58.032 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 97 Resp: 331155
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 48.7 35.5 53.3

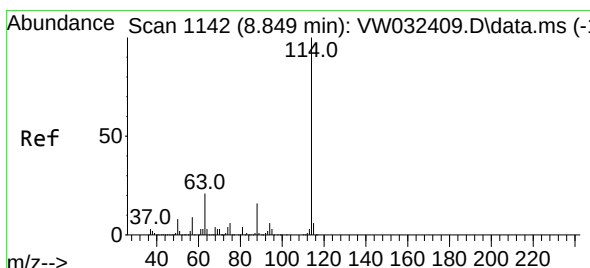
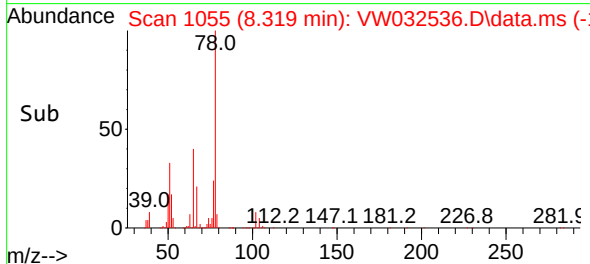
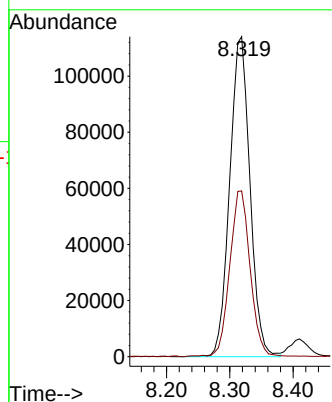
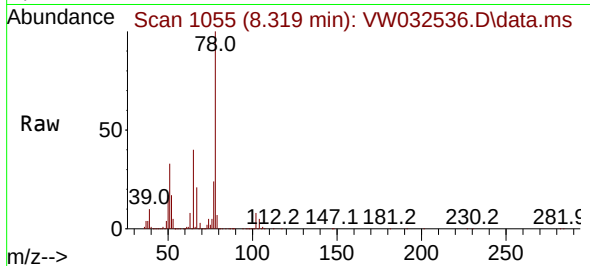




#33
 1,2-Dichloroethane-d4
 Concen: 55.597 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

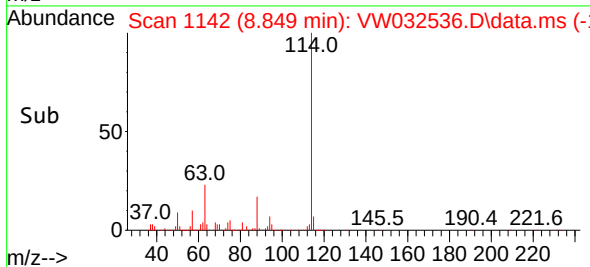
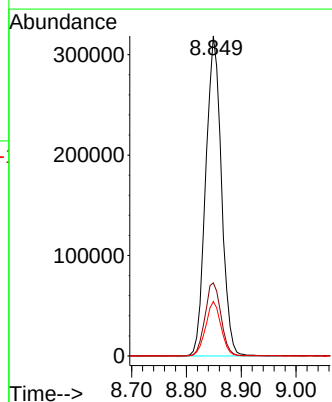
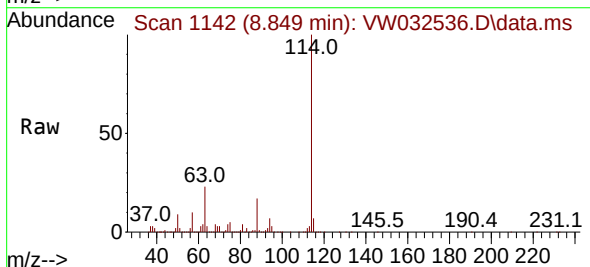
Instrument :
 MSVOA_W
 ClientSampleId :

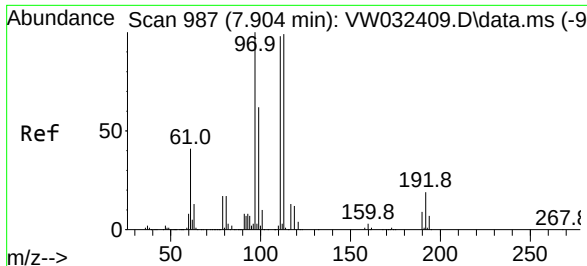
Tgt Ion: 65 Resp: 253656
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

Tgt Ion: 114 Resp: 632151
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 41.8
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.926 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

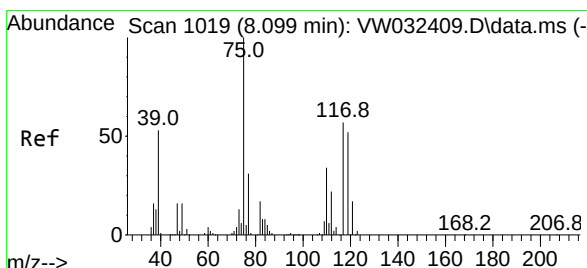
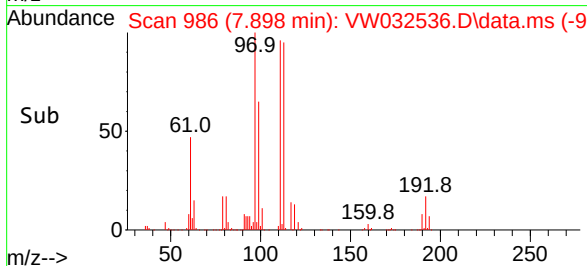
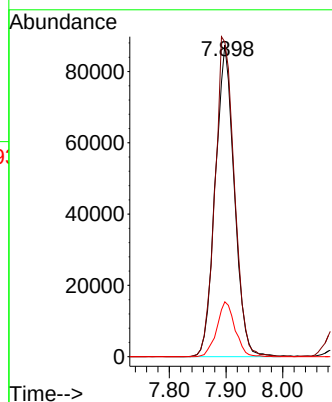
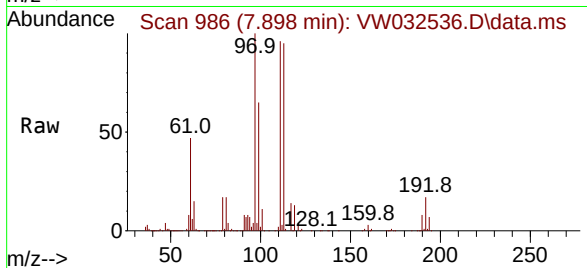
Tgt Ion:113 Resp: 204103

Ion Ratio Lower Upper

113 100

111 104.4 83.1 124.7

192 16.8 13.4 20.2



#36

1,1-Dichloropropene

Concen: 59.090 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

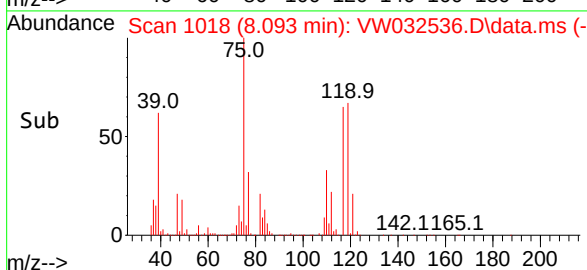
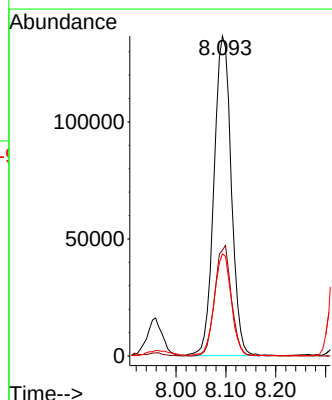
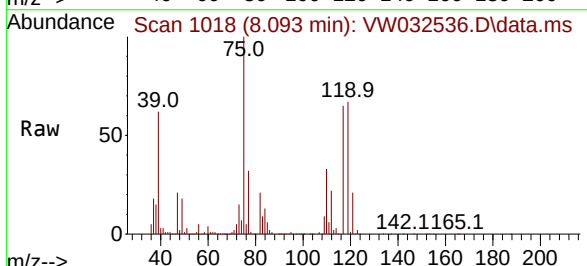
Tgt Ion: 75 Resp: 329519

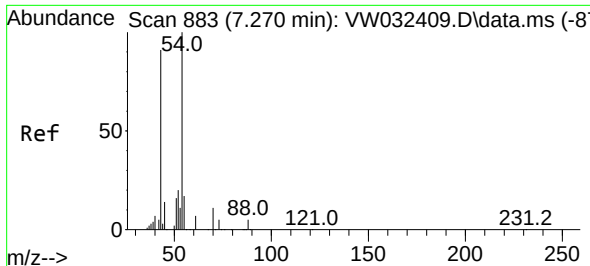
Ion Ratio Lower Upper

75 100

110 33.2 17.2 51.5

77 31.3 24.5 36.7

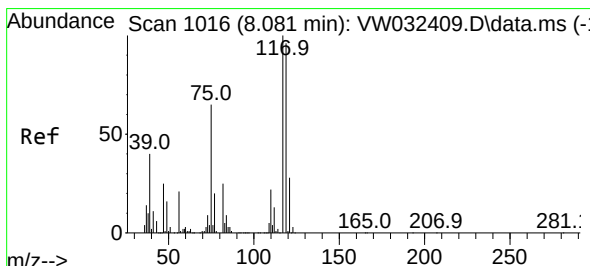
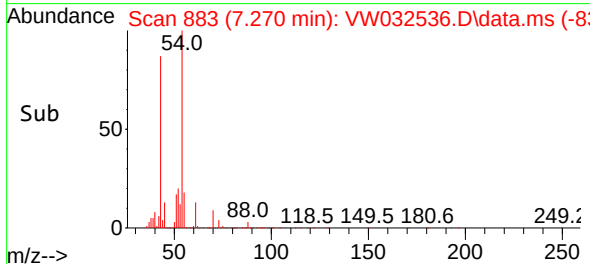
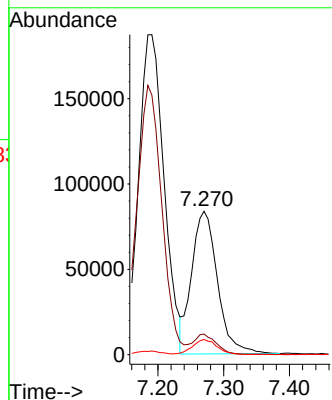
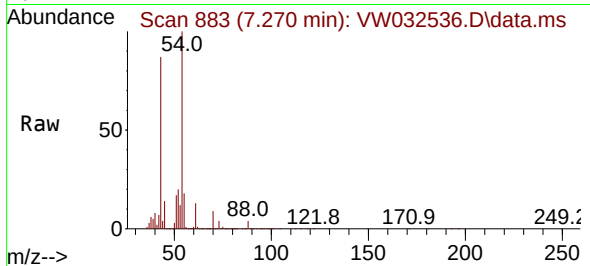




#37
Ethyl Acetate
Concen: 55.024 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

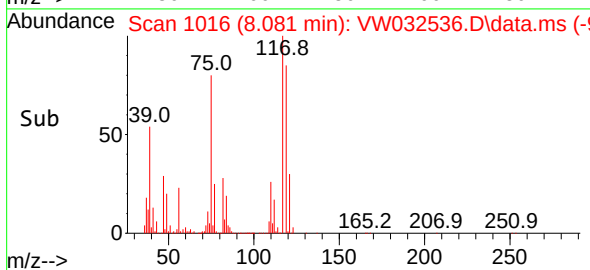
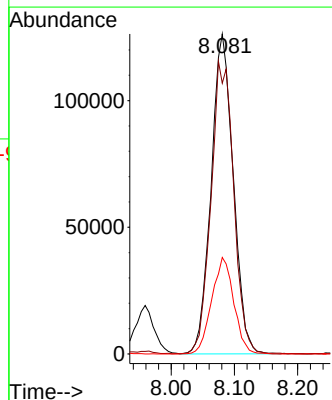
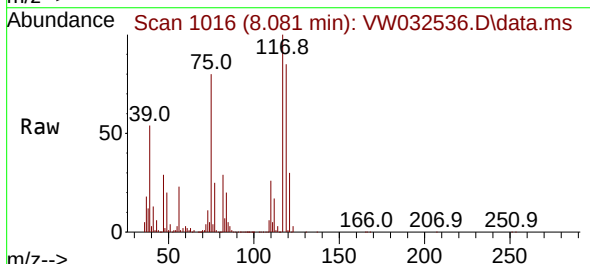
Instrument :
MSVOA_W
ClientSampleId :

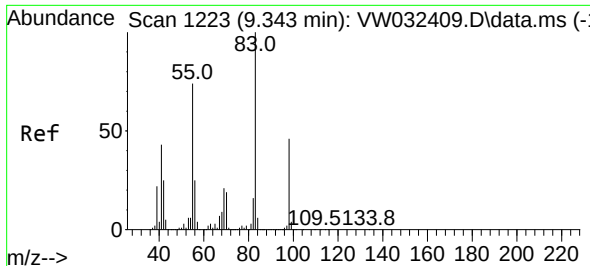
Tgt Ion: 43 Resp: 228169
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 61.737 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 117 Resp: 305909
Ion Ratio Lower Upper
117 100
119 84.6 77.0 115.4
121 30.1 22.0 33.0

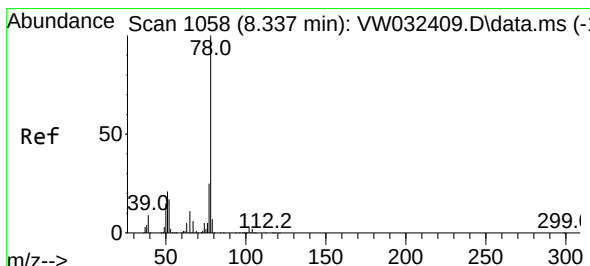
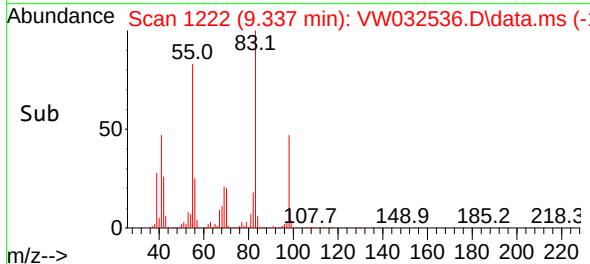
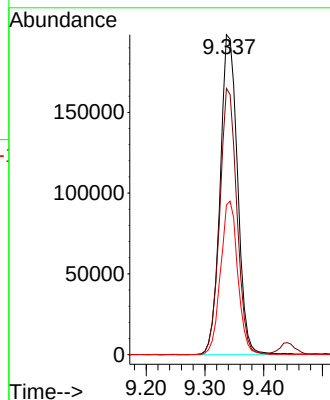
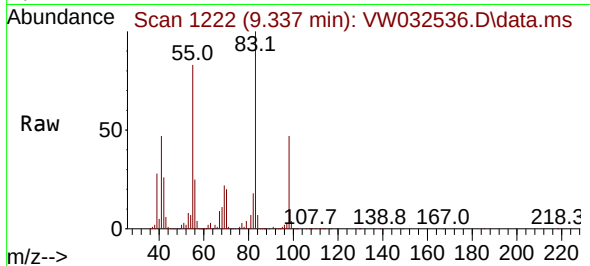




#39
Methylcyclohexane
Concen: 56.326 ug/l
RT: 9.337 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

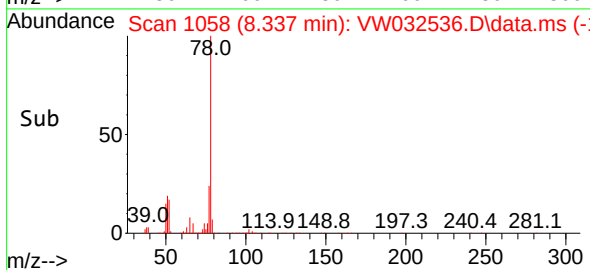
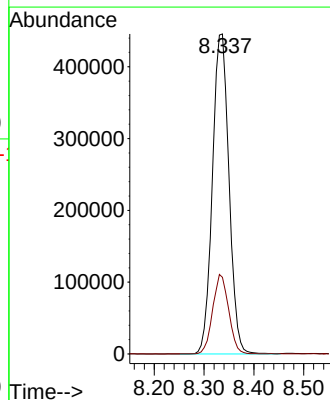
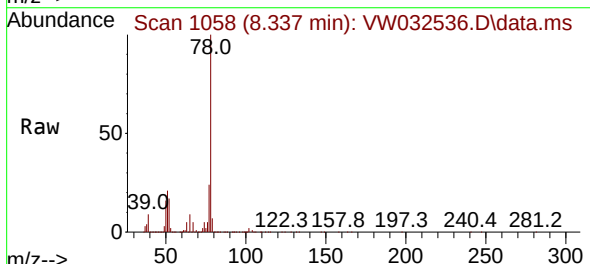
Instrument :
MSVOA_W
ClientSampleId :

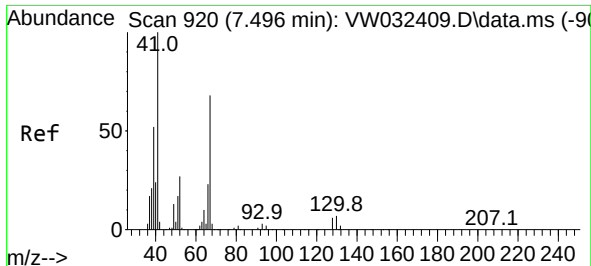
Tgt Ion: 83 Resp: 406914
Ion Ratio Lower Upper
83 100
55 83.2 59.2 88.8
98 46.7 36.6 54.8



#40
Benzene
Concen: 57.226 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 78 Resp: 1027690
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4

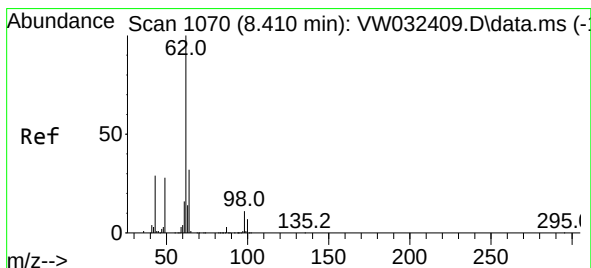
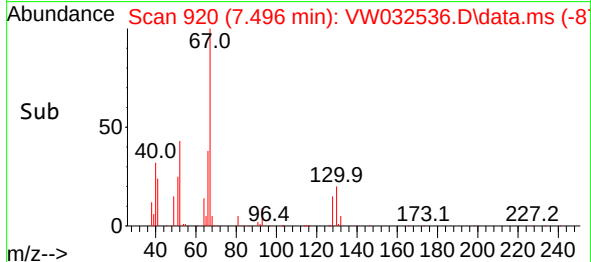
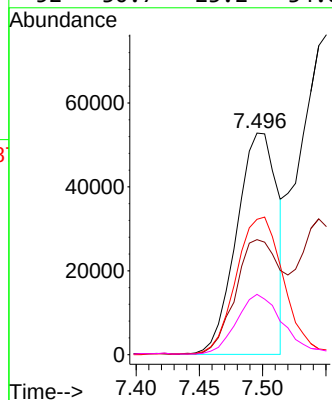
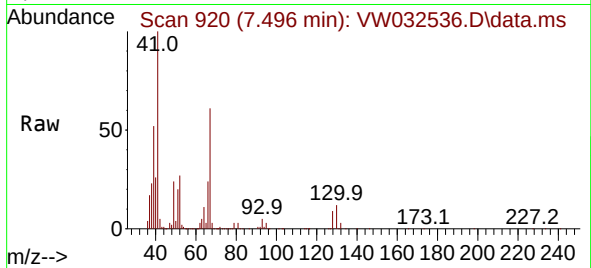




#41
Methacrylonitrile
Concen: 51.962 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

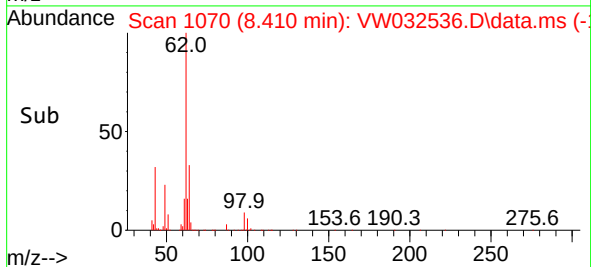
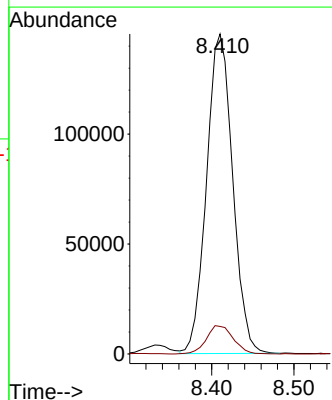
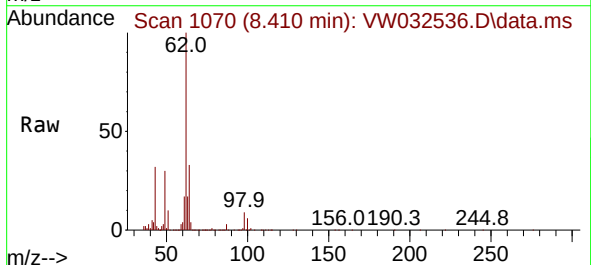
Instrument :
MSVOA_W
ClientSampleId :

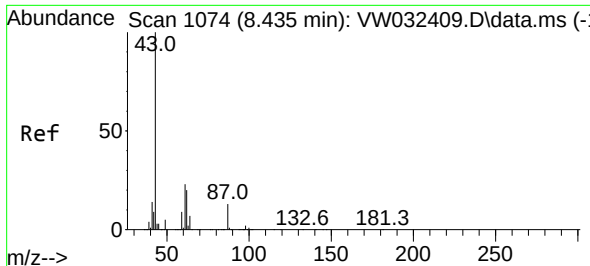
Tgt Ion:	41	Resp:	118366
Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.6	66.8
67	72.4	57.6	86.4
52	30.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 60.870 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:	62	Resp:	321088
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

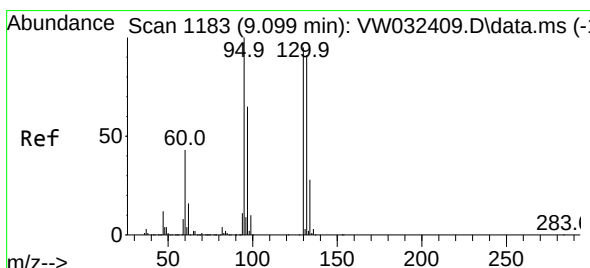
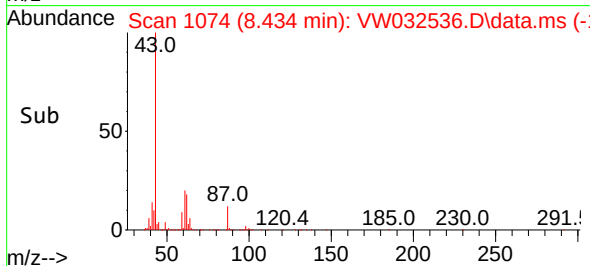
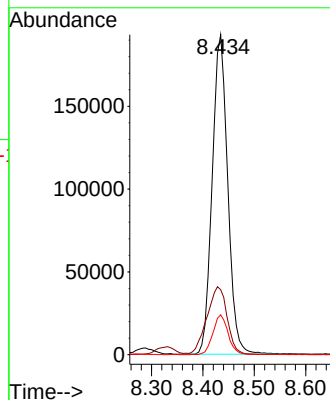
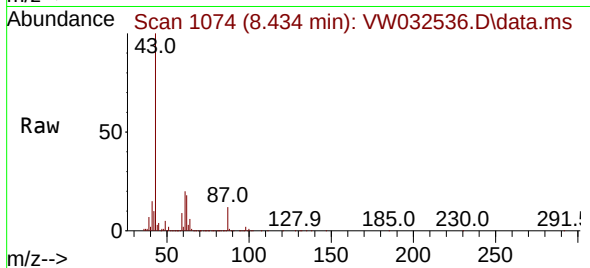




#43
Isopropyl Acetate
Concen: 55.098 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

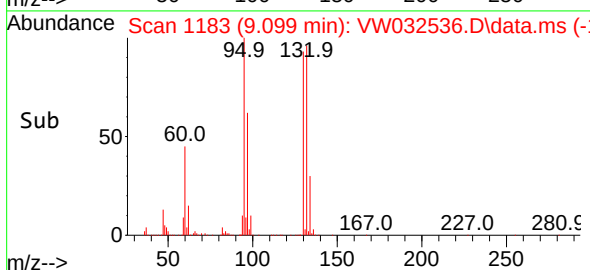
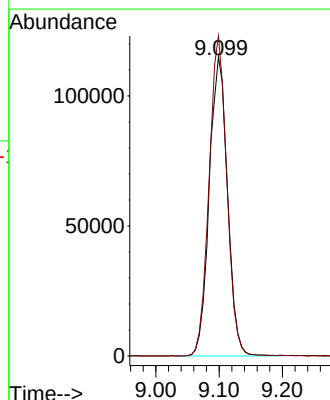
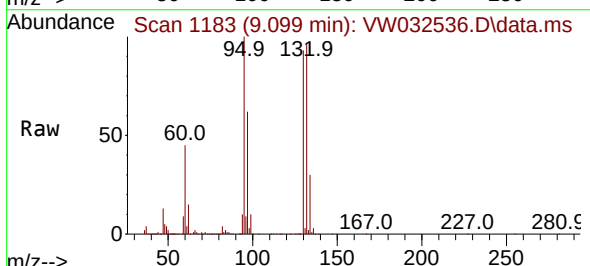
Instrument :
MSVOA_W
ClientSampleId :

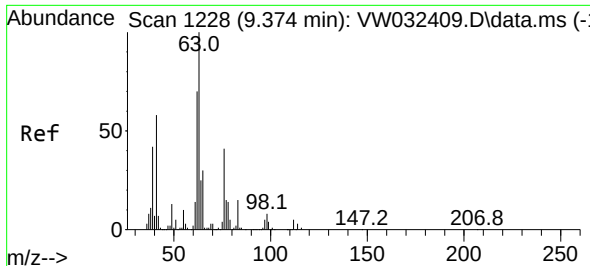
Tgt Ion: 43 Resp: 404559
Ion Ratio Lower Upper
43 100
61 27.6 22.6 33.8
87 12.3 10.6 15.8



#44
Trichloroethene
Concen: 55.044 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:130 Resp: 230022
Ion Ratio Lower Upper
130 100
95 107.0 0.0 209.6

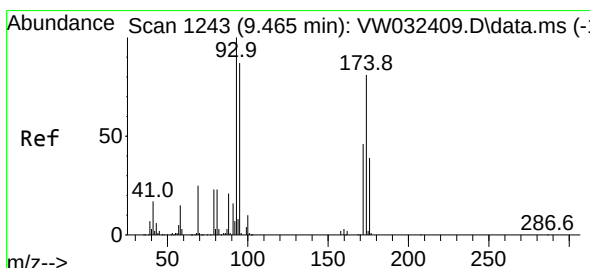
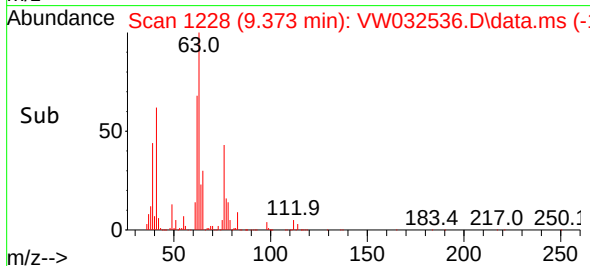
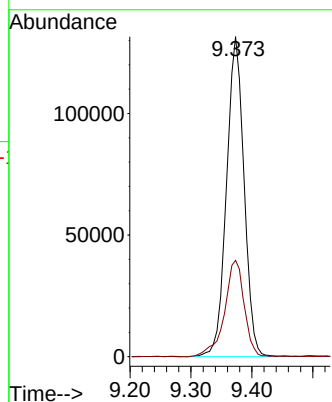
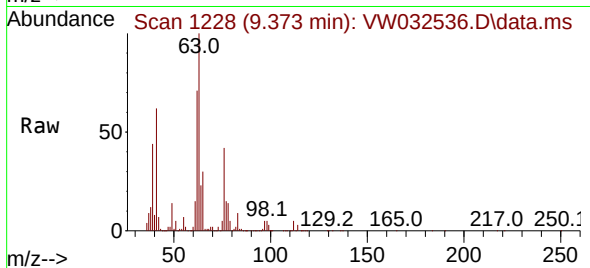




#45
1,2-Dichloropropane
Concen: 58.754 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

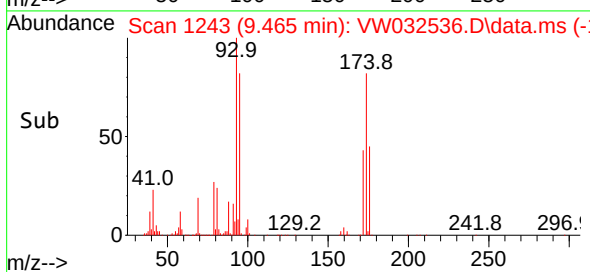
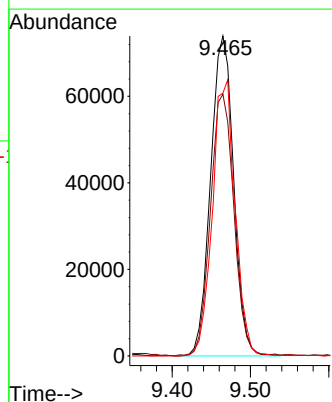
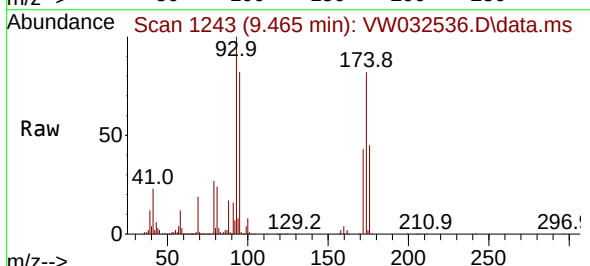
Instrument :
MSVOA_W
ClientSampleId :

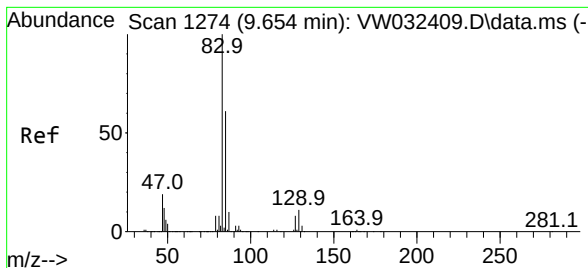
Tgt Ion: 63 Resp: 262731
Ion Ratio Lower Upper
63 100
65 30.1 24.4 36.6



#46
Dibromomethane
Concen: 57.928 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 93 Resp: 151373
Ion Ratio Lower Upper
93 100
95 83.1 67.1 100.7
174 84.9 68.2 102.4





#47

Bromodichloromethane

Concen: 59.924 ug/l

RT: 9.648 min Scan# 11

Delta R.T. -0.006 min

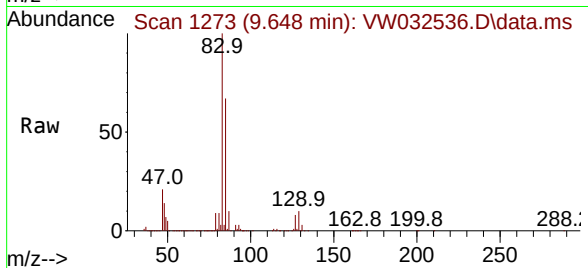
Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :



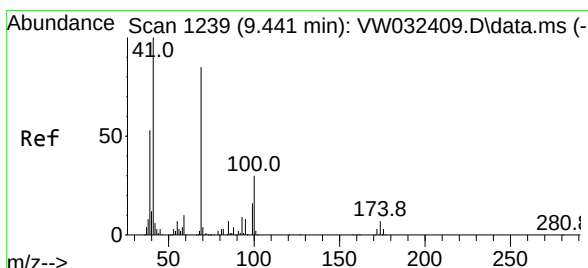
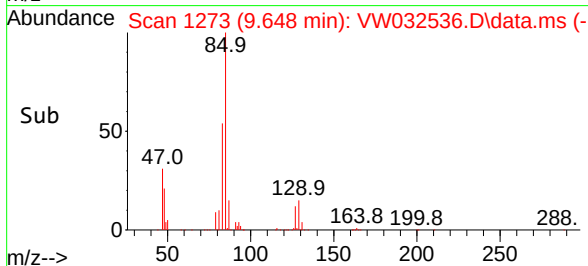
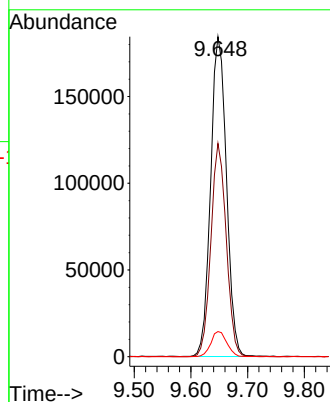
Tgt Ion: 83 Resp: 357194

Ion Ratio Lower Upper

83 100

85 66.7 48.7 73.1

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 58.378 ug/l

RT: 9.440 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

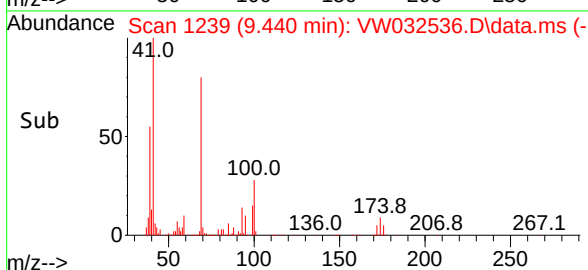
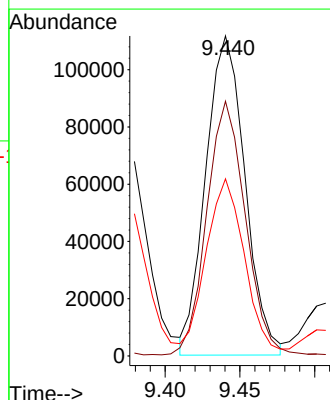
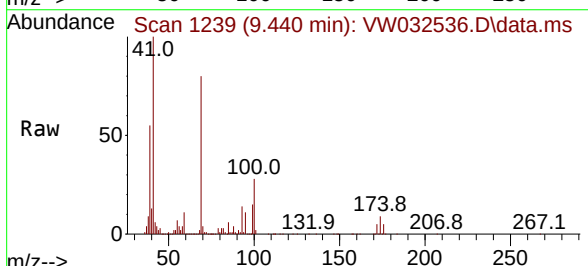
Tgt Ion: 41 Resp: 203688

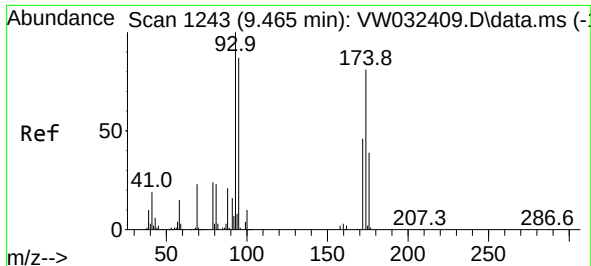
Ion Ratio Lower Upper

41 100

69 79.0 65.8 98.6

39 50.2 38.6 57.8





#49

1,4-Dioxane

Concen: 1040.386 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

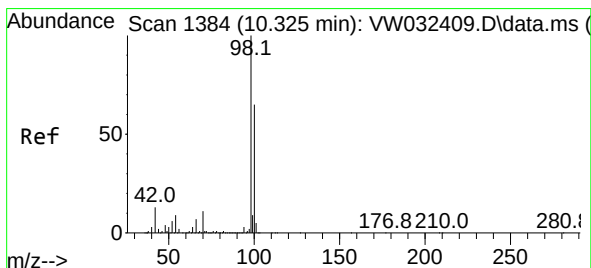
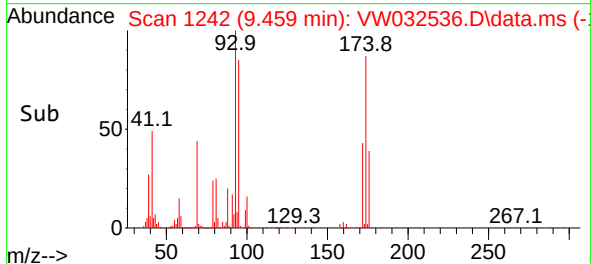
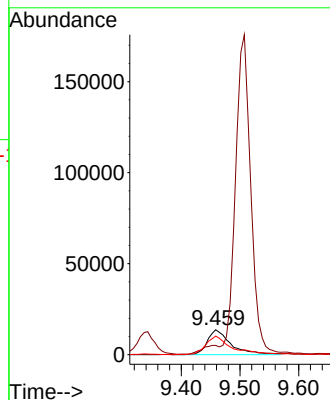
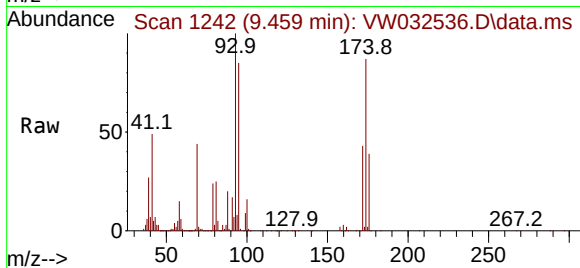
Tgt Ion: 88 Resp: 38085

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 85.5 63.0 94.4



#50

Toluene-d8

Concen: 53.574 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032536.D

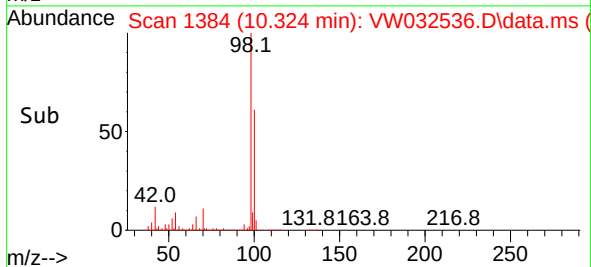
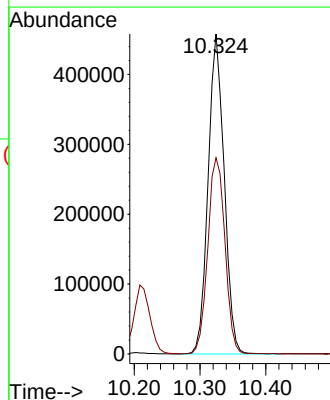
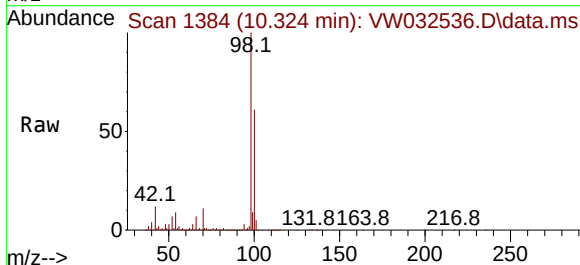
Acq: 26 Nov 2025 12:05

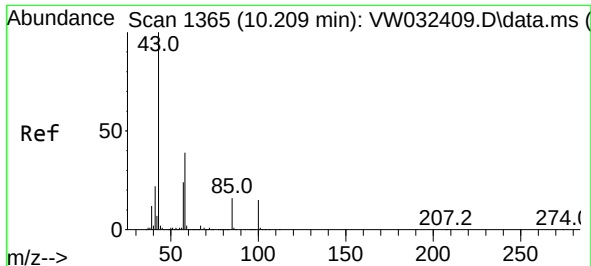
Tgt Ion: 98 Resp: 777892

Ion Ratio Lower Upper

98 100

100 65.4 53.3 79.9

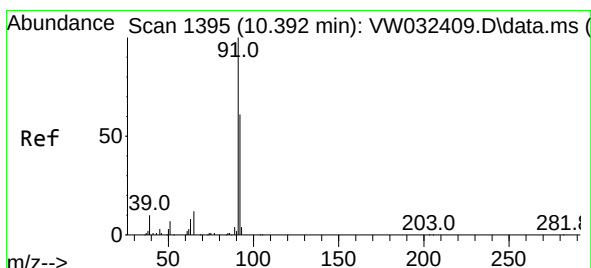
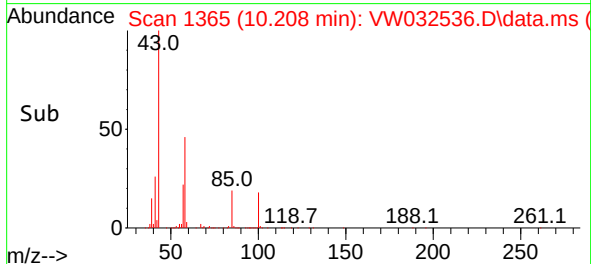
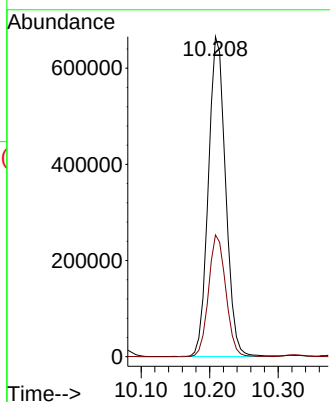
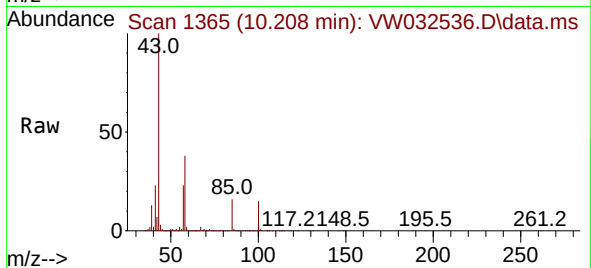




#51
4-Methyl-2-Pentanone
Concen: 286.349 ug/l
RT: 10.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

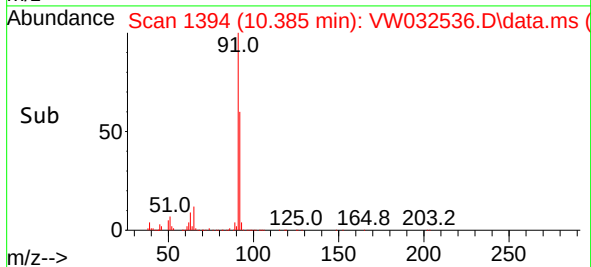
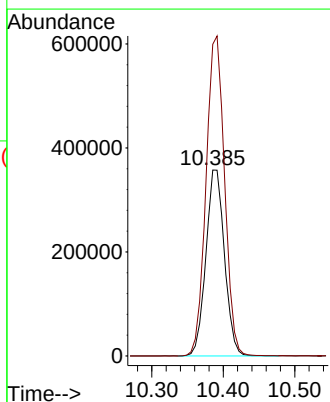
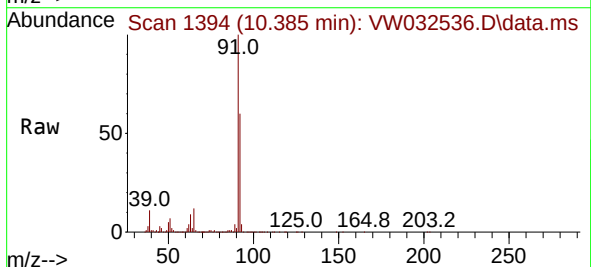
Instrument :
MSVOA_W
ClientSampleId :

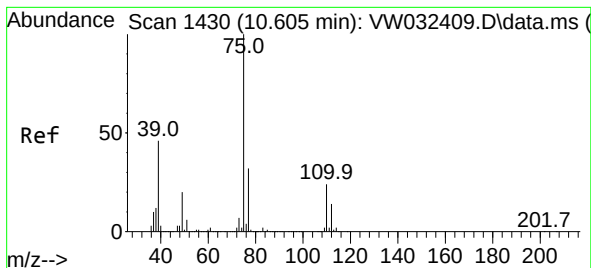
Tgt Ion: 43 Resp: 1162333
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.2



#52
Toluene
Concen: 58.124 ug/l
RT: 10.385 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 92 Resp: 644751
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0

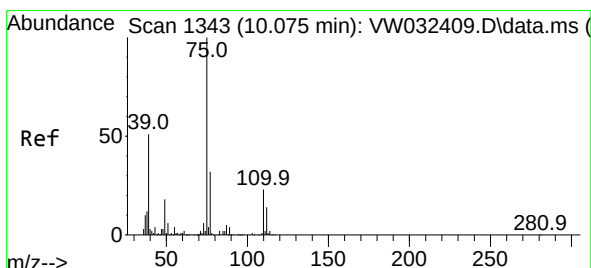
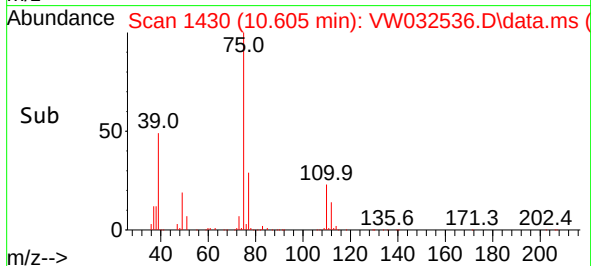
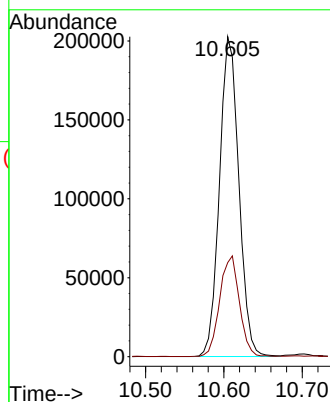
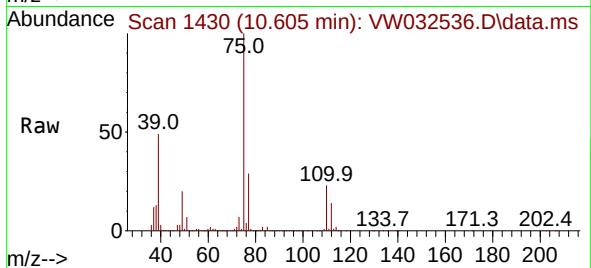




#53
t-1,3-Dichloropropene
Concen: 56.816 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

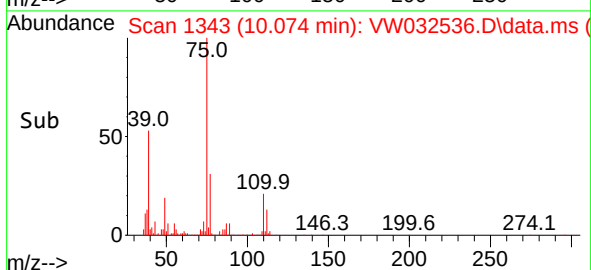
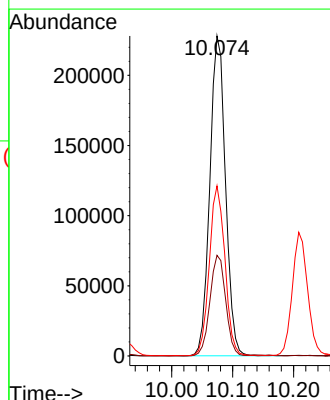
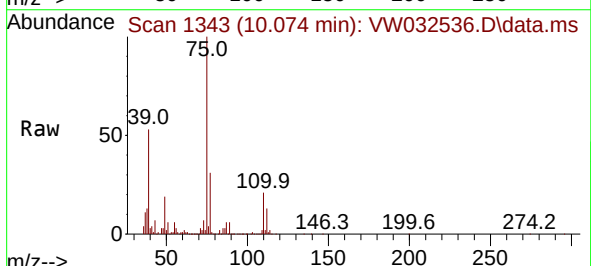
Instrument :
MSVOA_W
ClientSampleId :

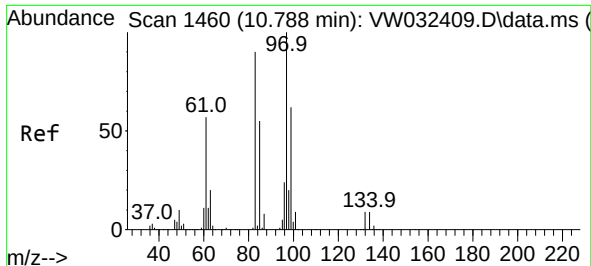
Tgt Ion: 75 Resp: 348787
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.532 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 75 Resp: 408430
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 53.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 56.068 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 200992

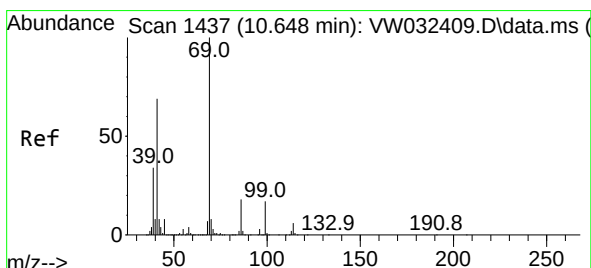
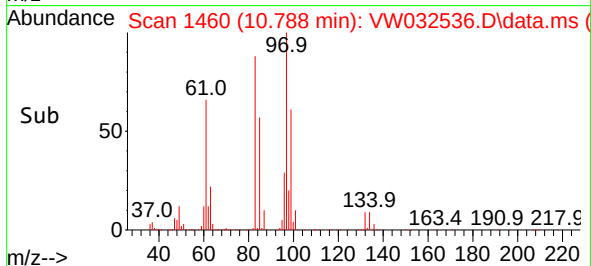
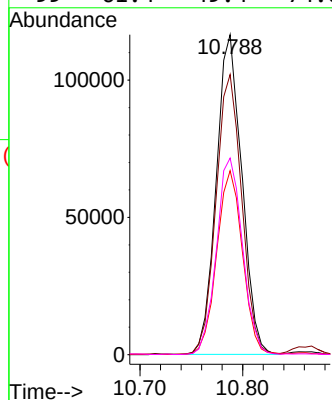
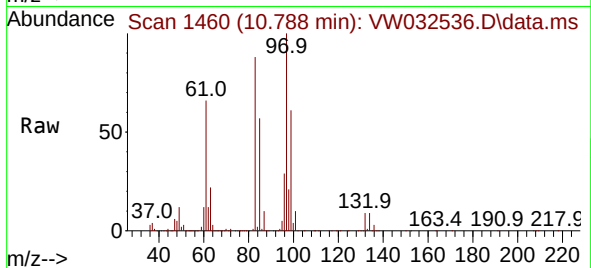
Ion Ratio Lower Upper

97 100

83 87.5 72.2 108.4

85 57.4 43.8 65.8

99 61.4 49.4 74.0



#56

Ethyl methacrylate

Concen: 55.013 ug/l

RT: 10.647 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

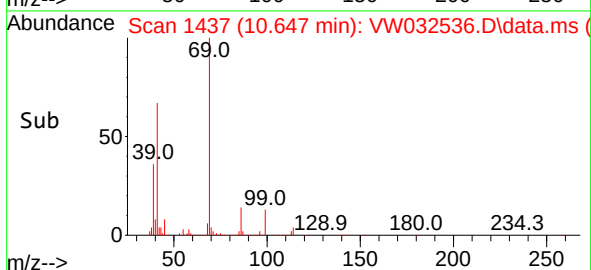
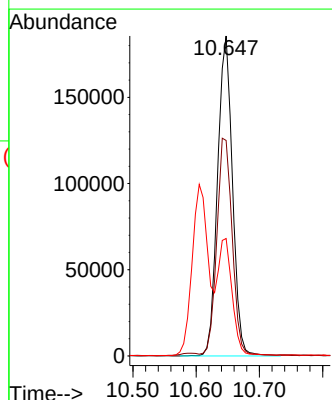
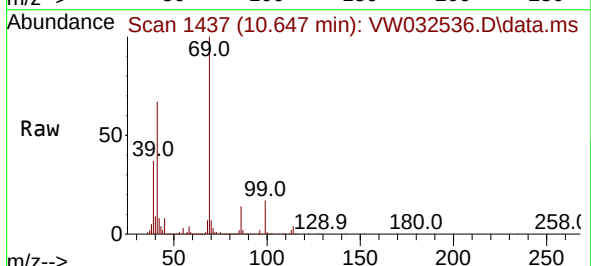
Tgt Ion: 69 Resp: 302586

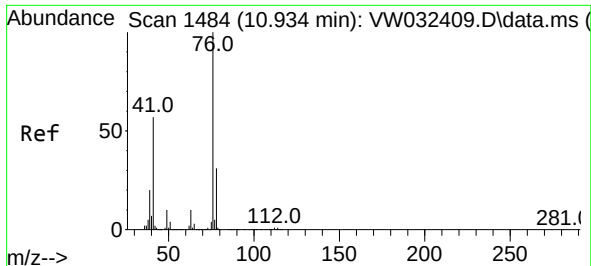
Ion Ratio Lower Upper

69 100

41 69.9 54.4 81.6

39 33.5 25.4 38.0





#57

1,3-Dichloropropane

Concen: 57.655 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

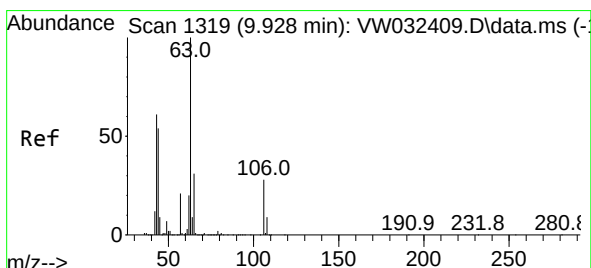
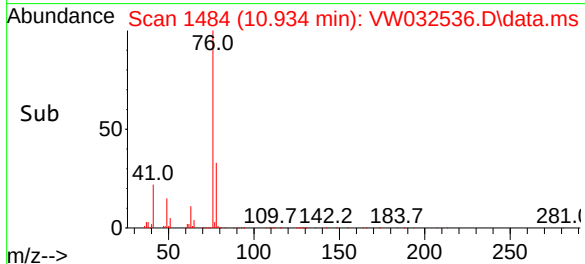
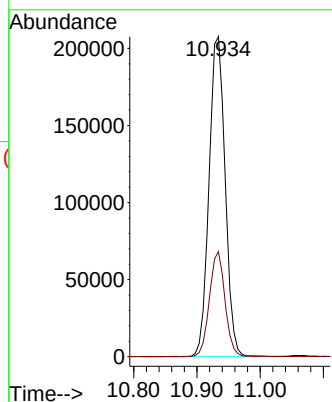
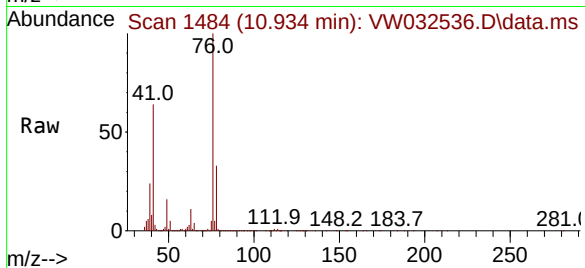
ClientSampleId :

Tgt Ion: 76 Resp: 369138

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.411 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032536.D

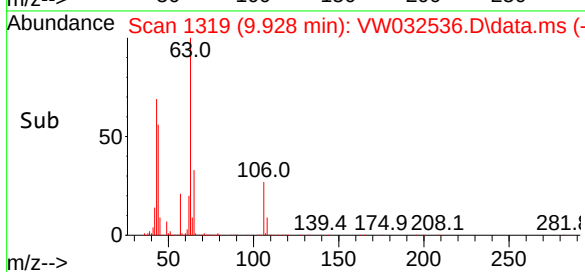
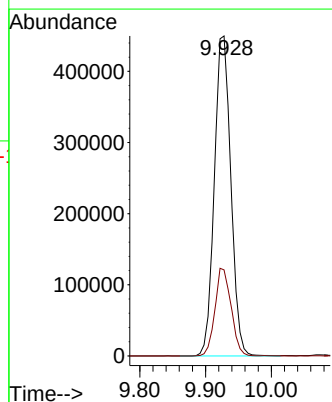
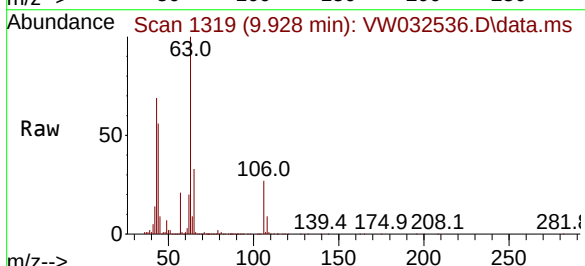
Acq: 26 Nov 2025 12:05

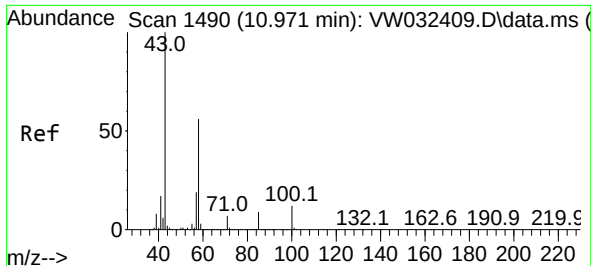
Tgt Ion: 63 Resp: 786217

Ion Ratio Lower Upper

63 100

106 26.9 22.0 33.0

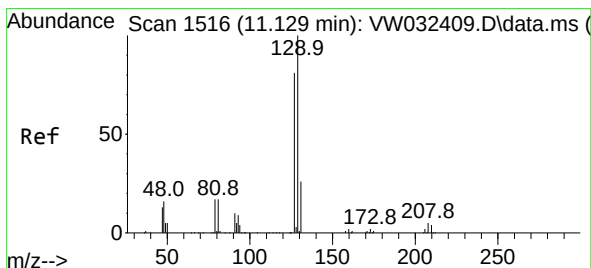
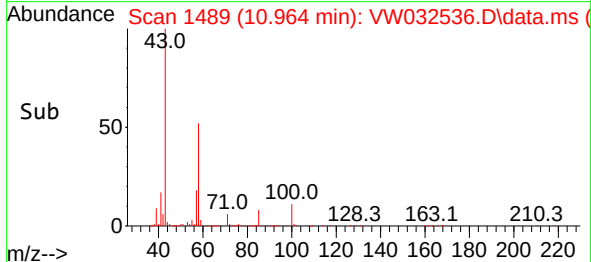
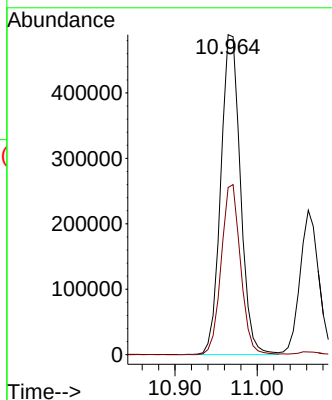
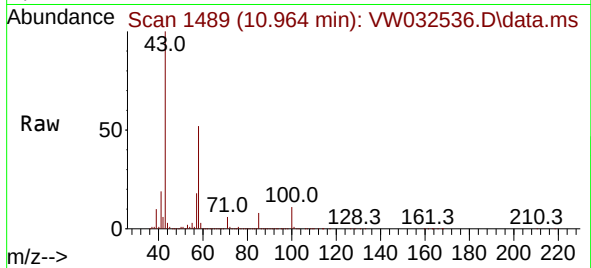




#59
2-Hexanone
Concen: 274.316 ug/l
RT: 10.964 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

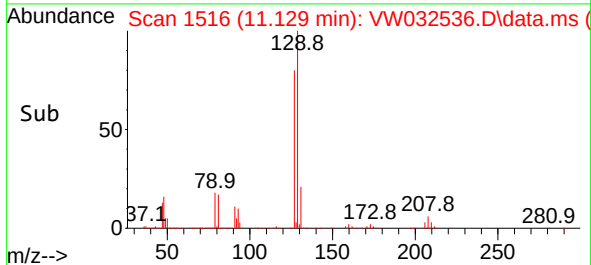
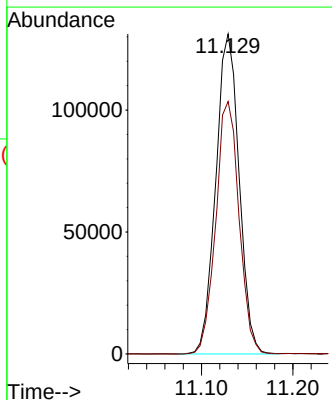
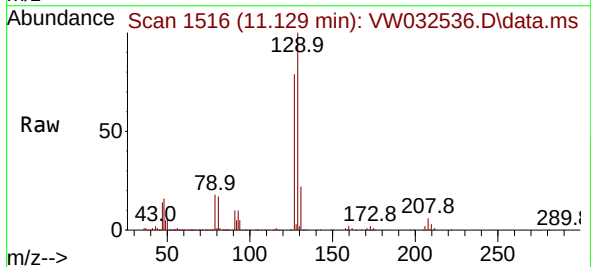
Instrument :
MSVOA_W
ClientSampleId :

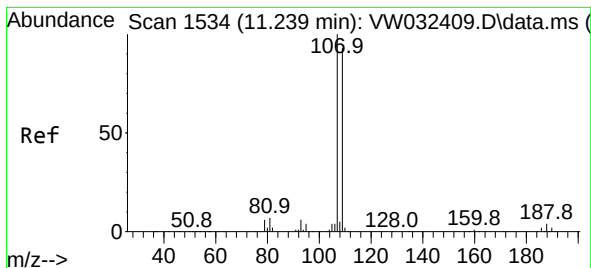
Tgt Ion: 43 Resp: 814669
Ion Ratio Lower Upper
43 100
58 52.3 27.4 82.2



#60
Dibromochloromethane
Concen: 58.163 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:129 Resp: 232841
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

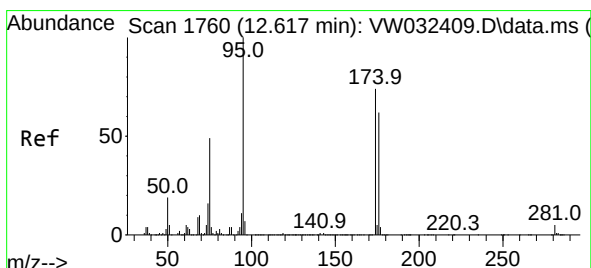
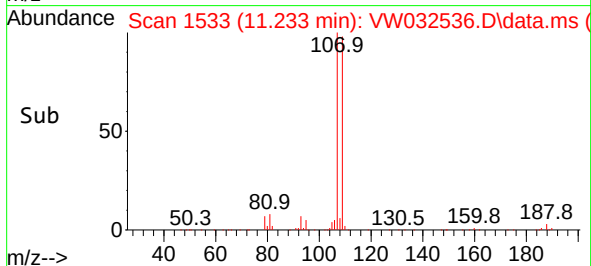
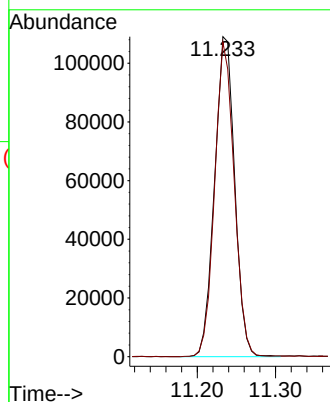
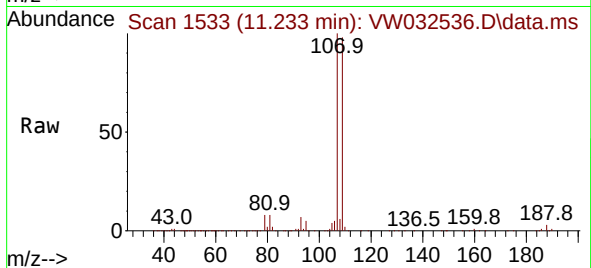




#61
1,2-Dibromoethane
Concen: 55.830 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

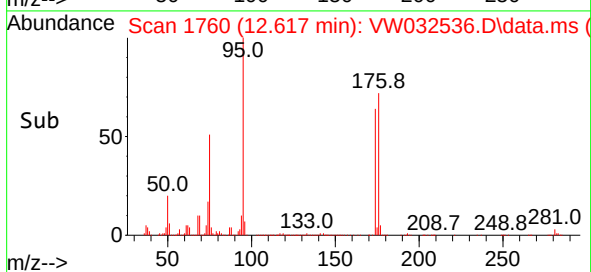
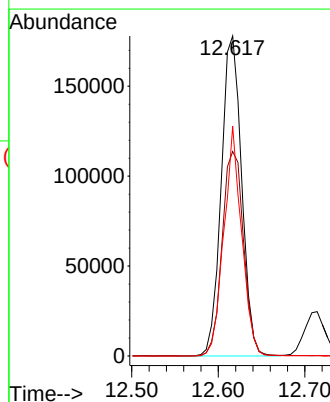
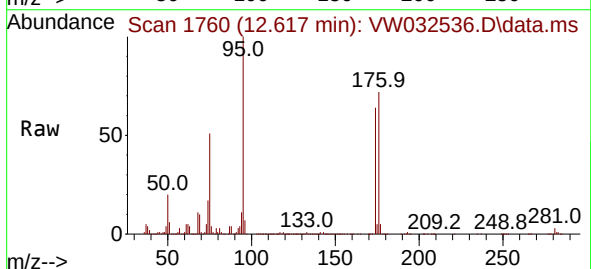
Instrument :
MSVOA_W
ClientSampleId :

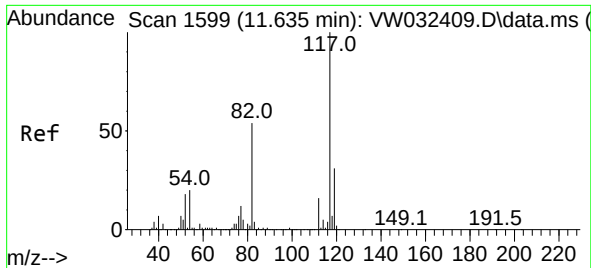
Tgt Ion:107 Resp: 194929
Ion Ratio Lower Upper
107 100
109 95.6 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.995 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 95 Resp: 290681
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.4
176 63.1 0.0 131.8

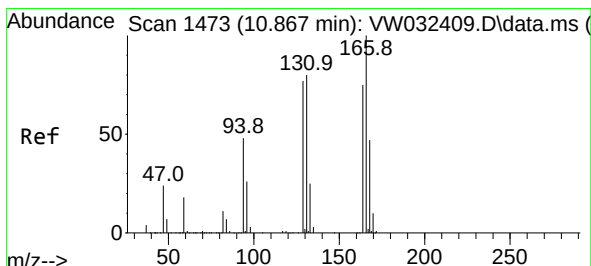
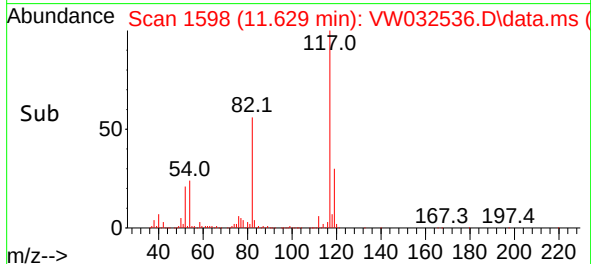
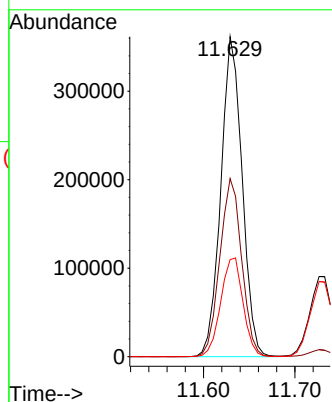
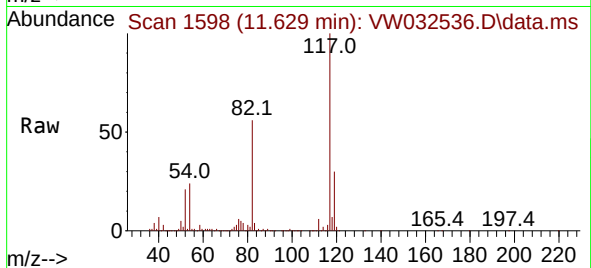




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

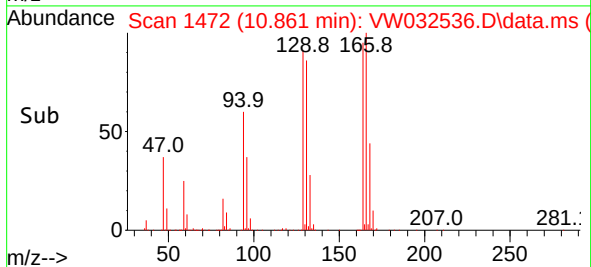
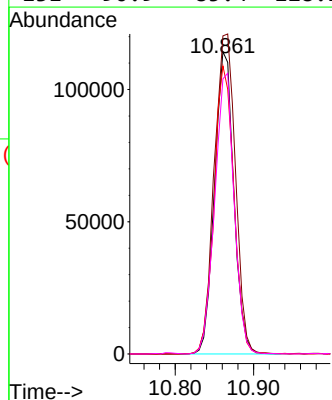
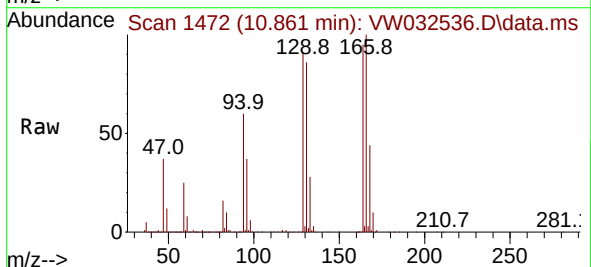
Instrument :
MSVOA_W
ClientSampleId :

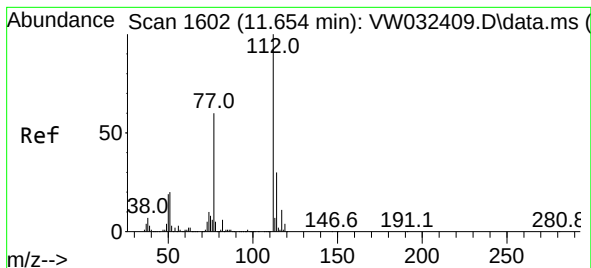
Tgt Ion:117 Resp: 586351
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 30.3 25.0 37.6



#64
Tetrachloroethene
Concen: 56.283 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:164 Resp: 195430
Ion Ratio Lower Upper
164 100
166 105.2 107.0 160.4#
129 95.3 82.9 124.3
131 90.9 85.4 128.2





#65

Chlorobenzene

Concen: 53.865 ug/l

RT: 11.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

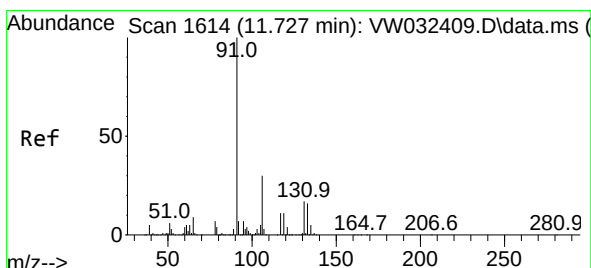
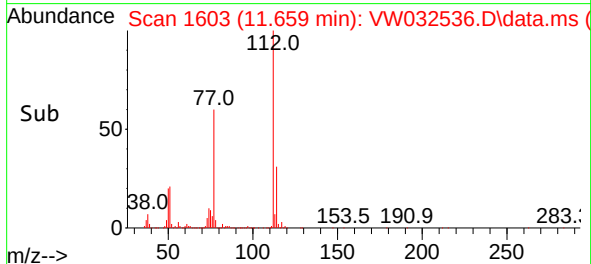
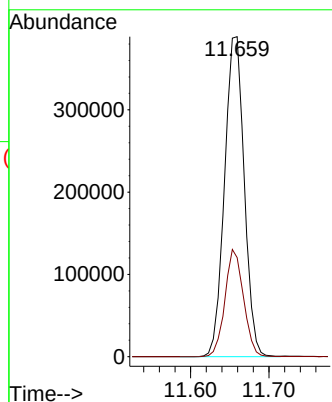
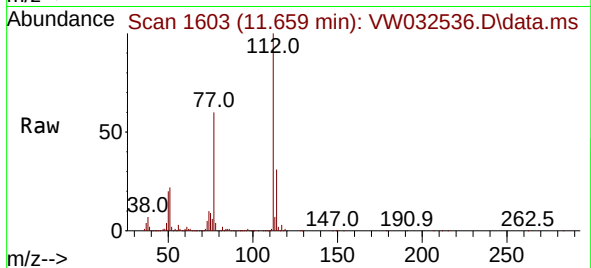
ClientSampleId :

Tgt Ion:112 Resp: 680746

Ion Ratio Lower Upper

112 100

114 31.0 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.005 ug/l

RT: 11.726 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

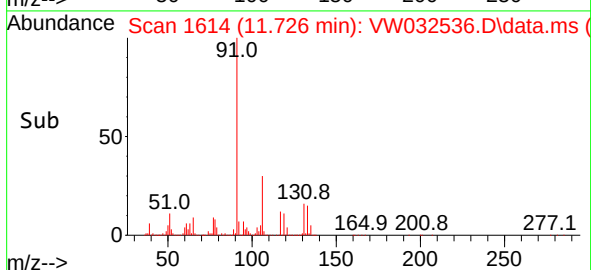
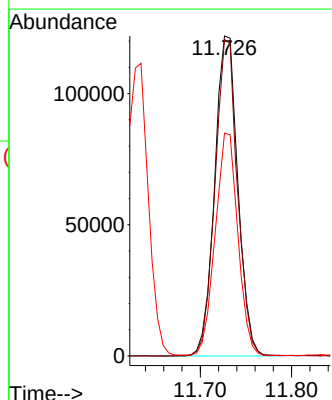
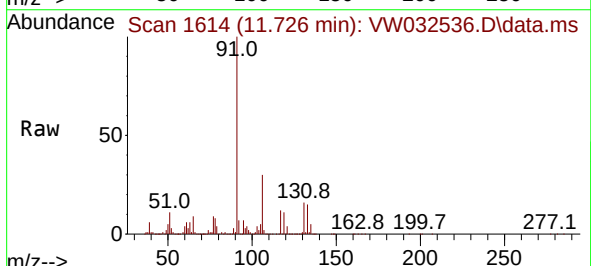
Tgt Ion:131 Resp: 215135

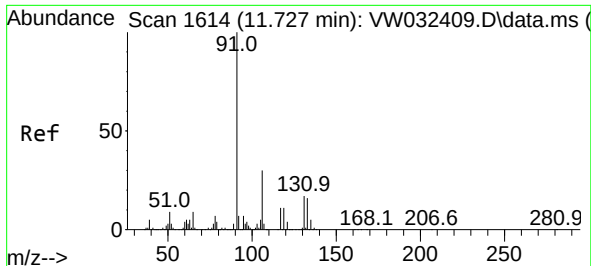
Ion Ratio Lower Upper

131 100

133 95.9 46.9 140.6

119 68.1 33.4 100.2





#67

Ethyl Benzene

Concen: 56.686 ug/l

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

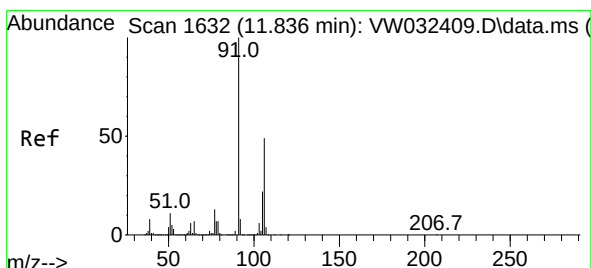
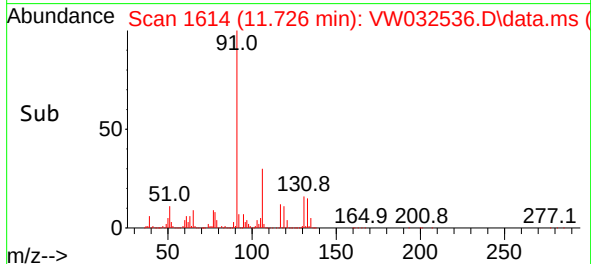
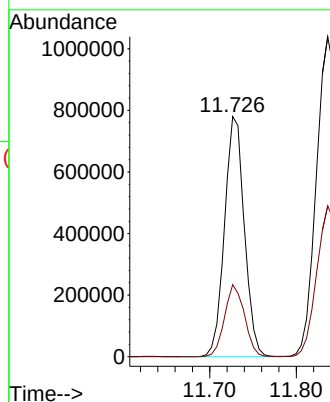
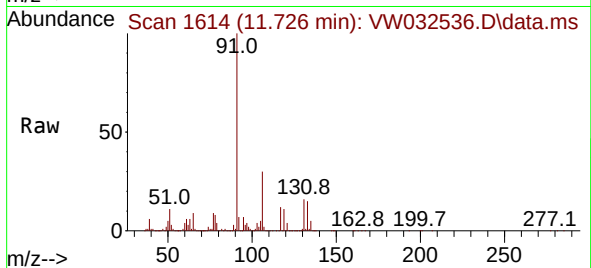
ClientSampleId :

Tgt Ion: 91 Resp: 1239569

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#68

m/p-Xylenes

Concen: 110.409 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032536.D

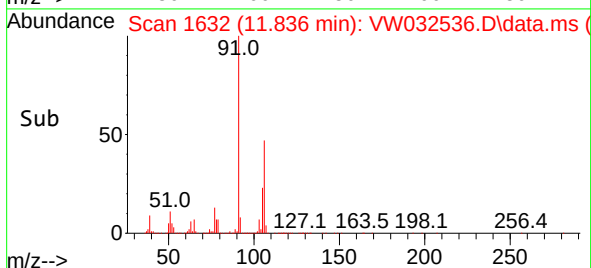
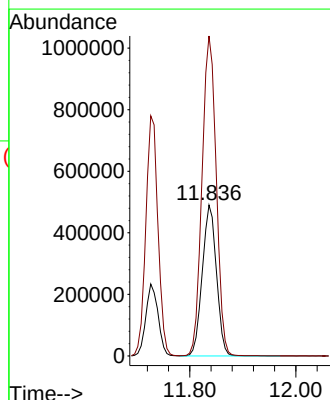
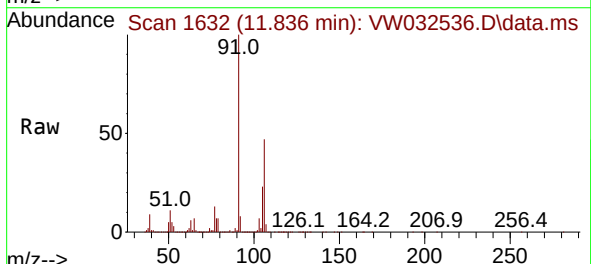
Acq: 26 Nov 2025 12:05

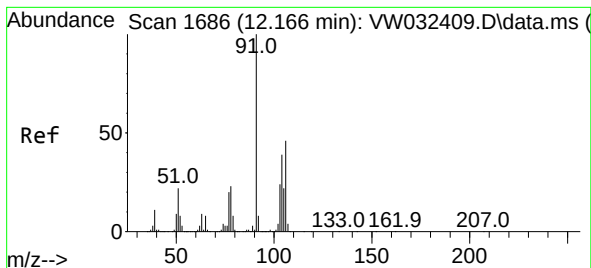
Tgt Ion:106 Resp: 906489

Ion Ratio Lower Upper

106 100

91 213.1 165.5 248.3

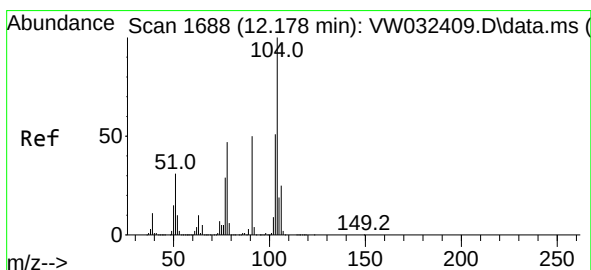
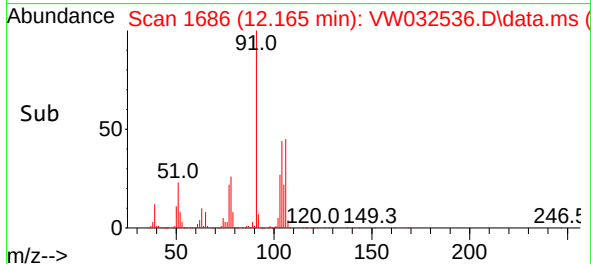
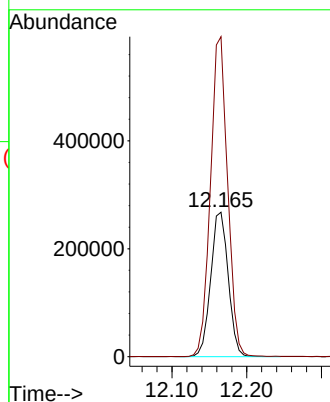
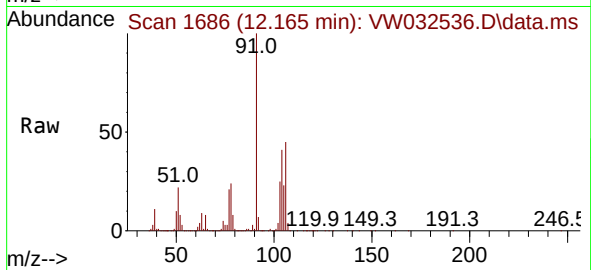




#69
o-Xylene
Concen: 55.396 ug/l
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

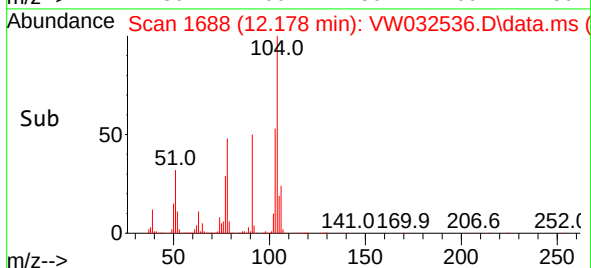
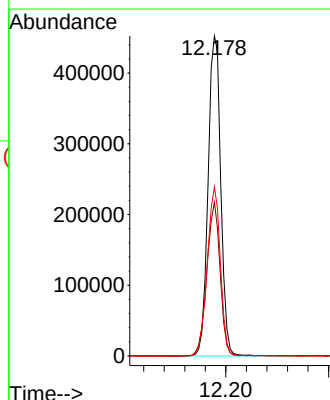
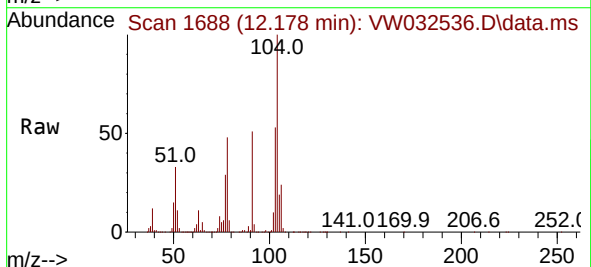
Instrument :
MSVOA_W
ClientSampleId :

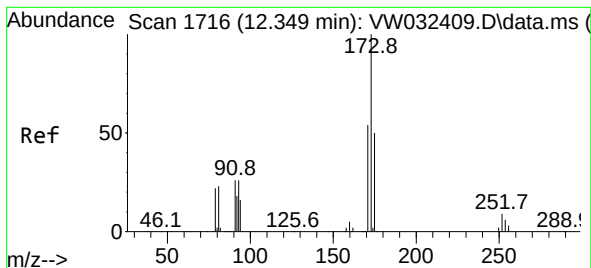
Tgt Ion:106 Resp: 435488
Ion Ratio Lower Upper
106 100
91 217.1 109.3 327.8



#70
Styrene
Concen: 57.181 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:104 Resp: 773278
Ion Ratio Lower Upper
104 100
78 50.1 40.7 61.1
103 54.7 43.9 65.9





#71

Bromoform

Concen: 53.038 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

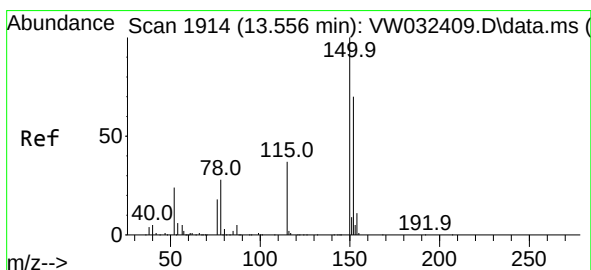
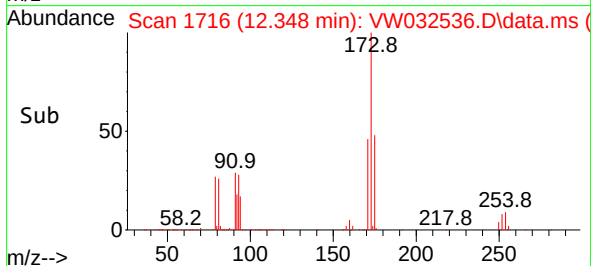
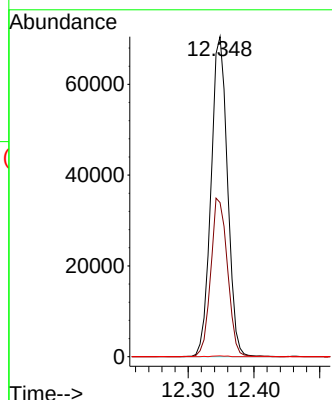
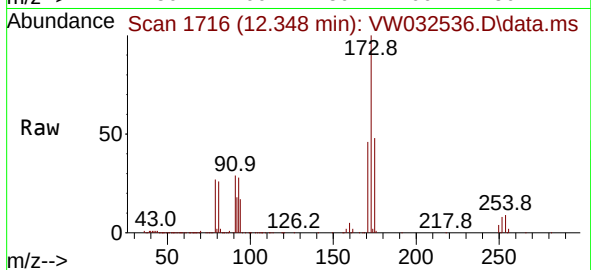
Tgt Ion:173 Resp: 122869

Ion Ratio Lower Upper

173 100

175 50.2 25.1 75.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

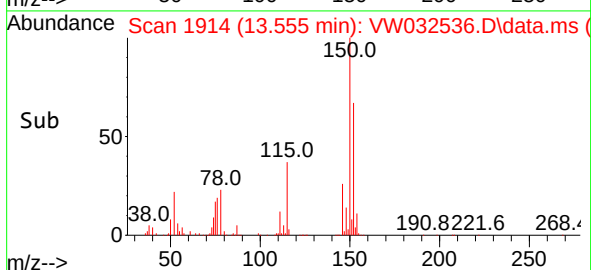
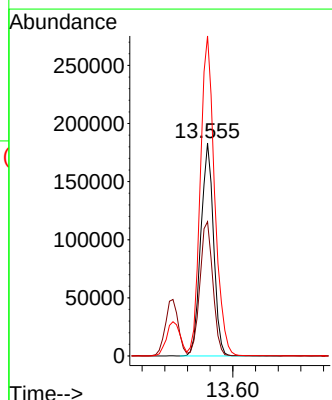
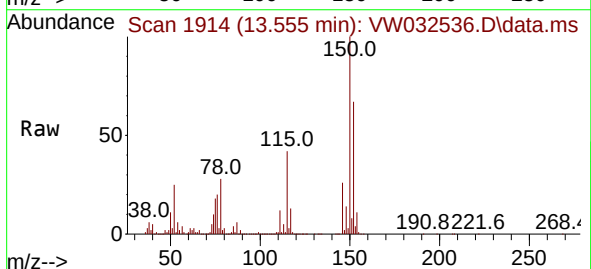
Tgt Ion:152 Resp: 285431

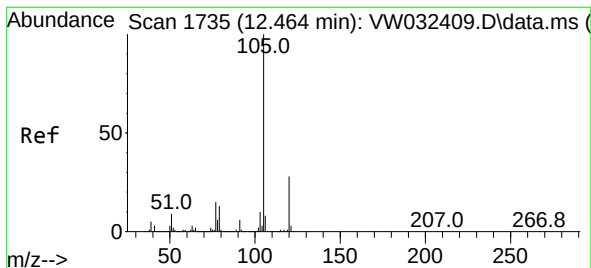
Ion Ratio Lower Upper

152 100

115 63.9 32.8 98.3

150 168.5 0.0 356.6





#73

Isopropylbenzene

Concen: 53.347 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

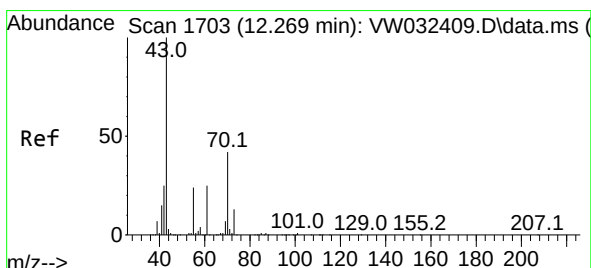
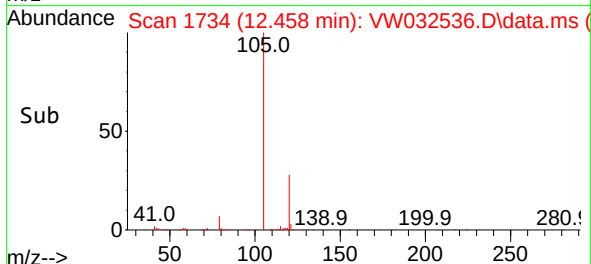
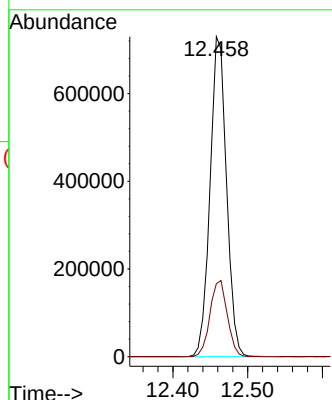
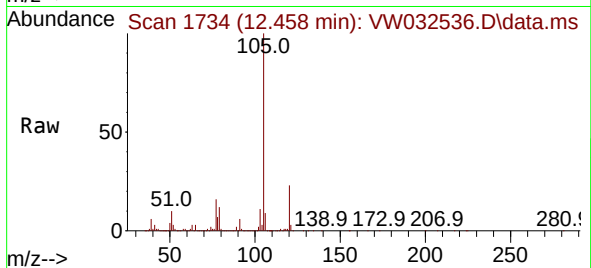
ClientSampleId :

Tgt Ion:105 Resp: 1118323

Ion Ratio Lower Upper

105 100

120 25.0 13.2 39.5



#74

N-ethyl acetate

Concen: 50.751 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Tgt Ion: 43 Resp: 369695

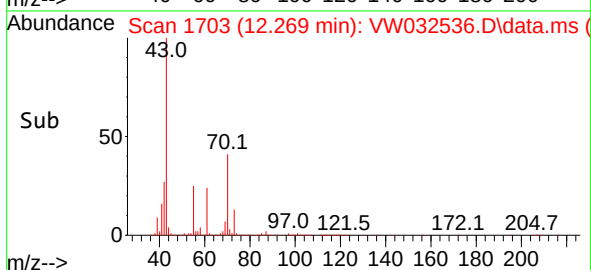
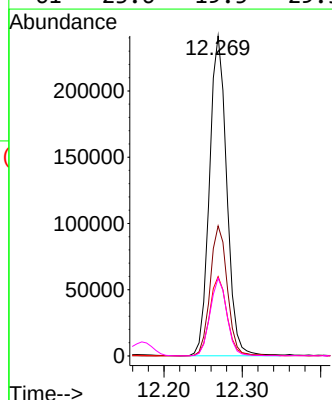
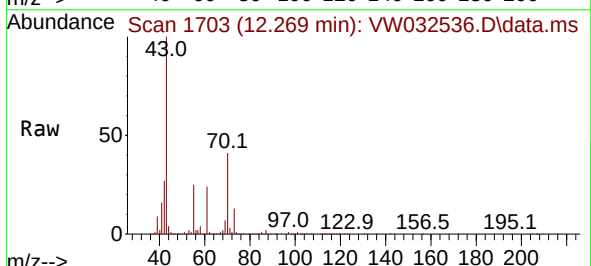
Ion Ratio Lower Upper

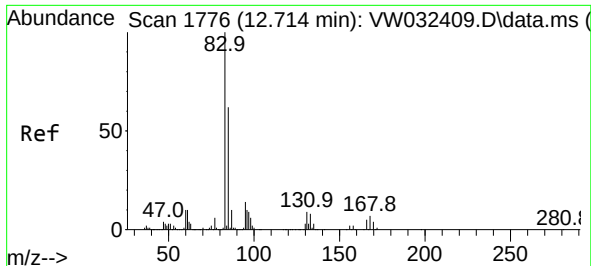
43 100

70 40.3 33.5 50.3

55 24.8 19.3 28.9

61 23.6 19.5 29.3

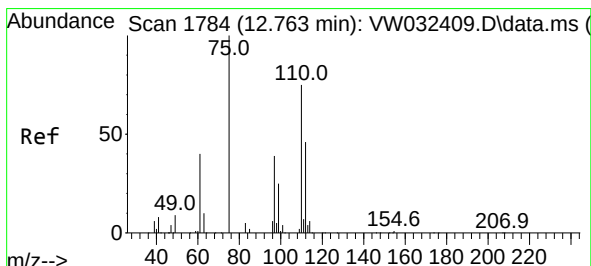
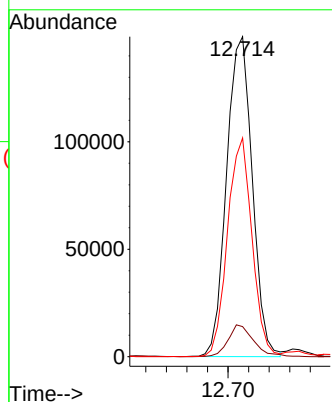
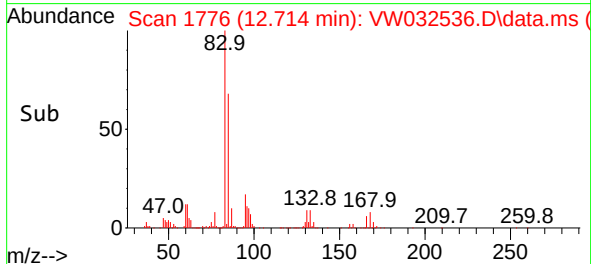
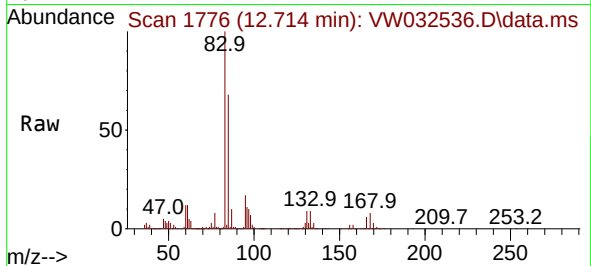




#75
1,1,2,2-Tetrachloroethane
Concen: 52.021 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

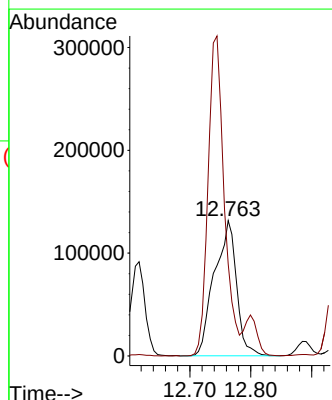
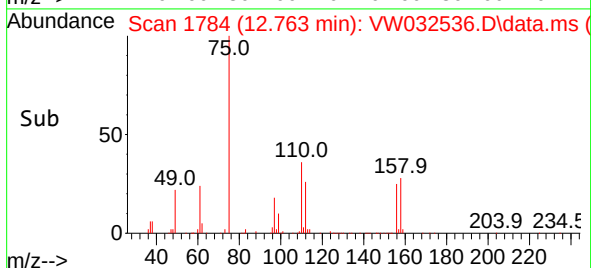
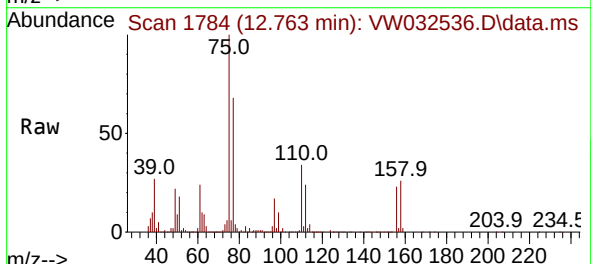
Instrument :
MSVOA_W
ClientSampleId :

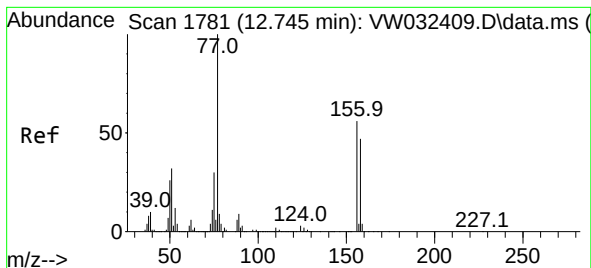
Tgt Ion: 83 Resp: 258804
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.2 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 84.947 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 75 Resp: 332461
Ion Ratio Lower Upper
75 100
77 173.2 151.6 454.8





#77

Bromobenzene

Concen: 52.097 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

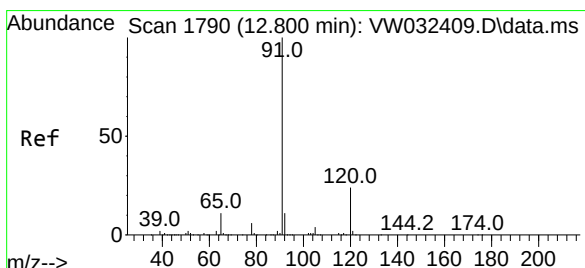
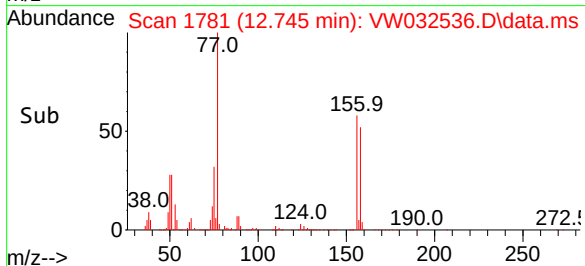
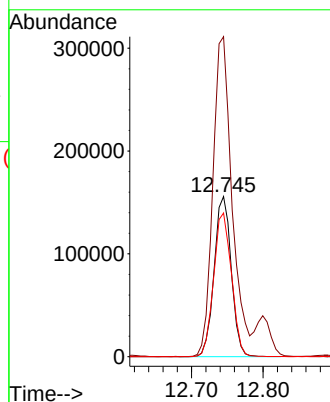
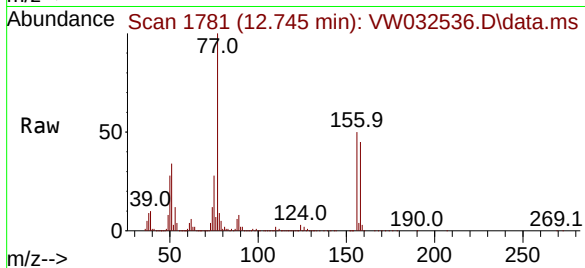
Tgt Ion:156 Resp: 258573

Ion Ratio Lower Upper

156 100

77 222.7 108.0 324.0

158 93.8 45.1 135.5



#78

n-propylbenzene

Concen: 55.488 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032536.D

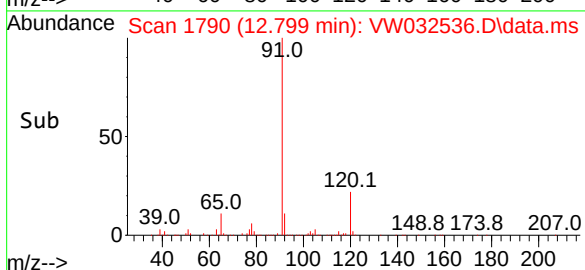
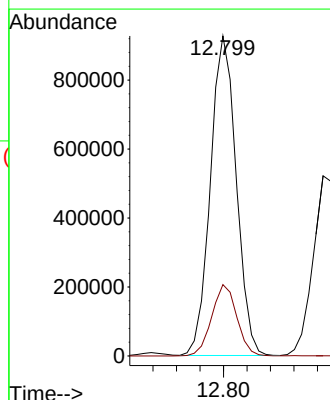
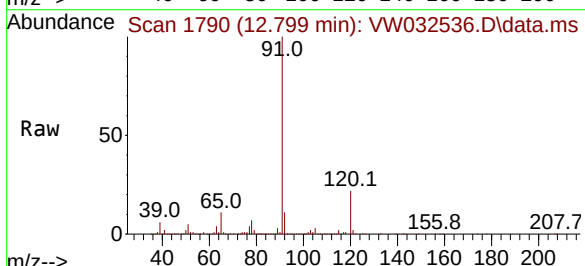
Acq: 26 Nov 2025 12:05

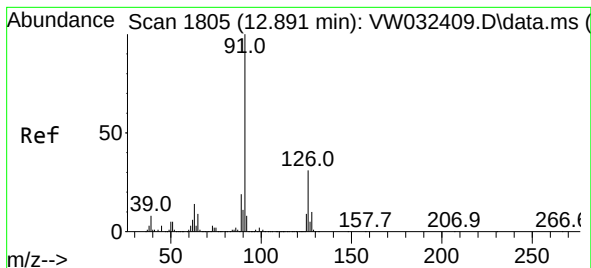
Tgt Ion: 91 Resp: 1416555

Ion Ratio Lower Upper

91 100

120 21.7 11.3 33.9

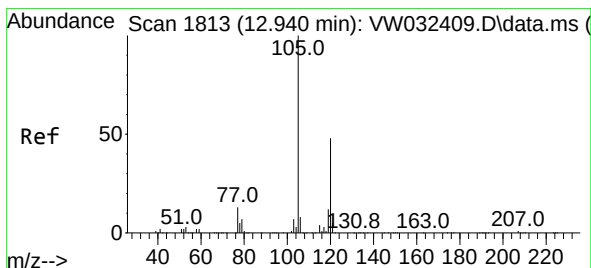
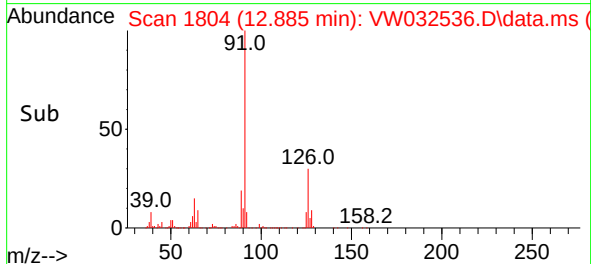
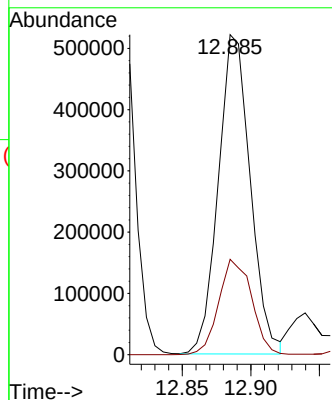
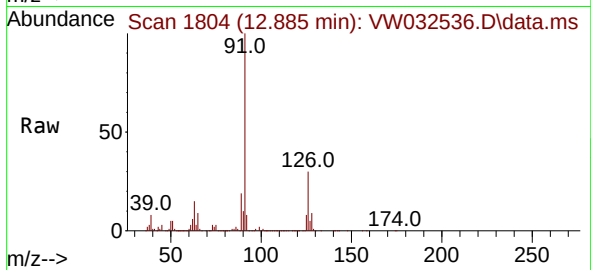




#79
2-Chlorotoluene
Concen: 54.326 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

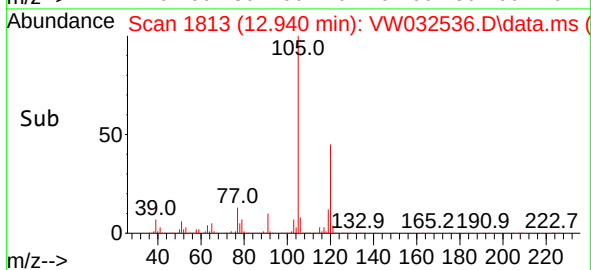
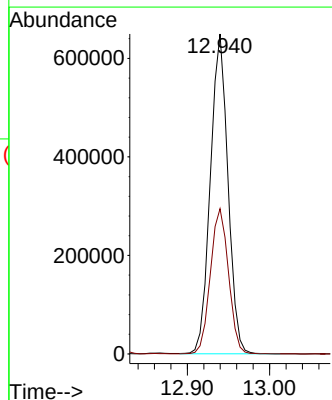
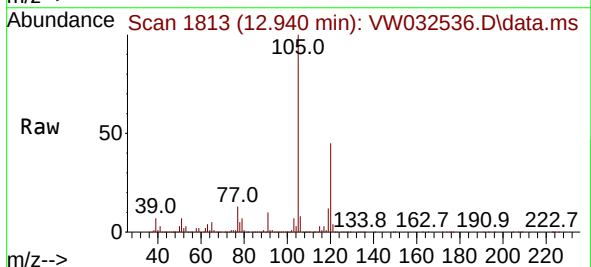
Instrument :
MSVOA_W
ClientSampleId :

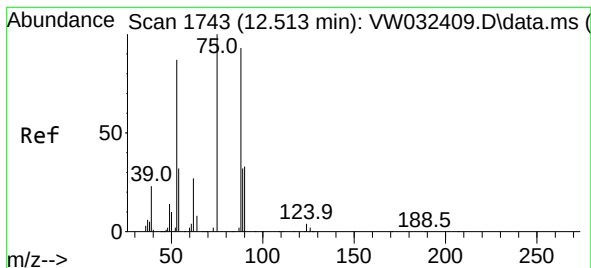
Tgt Ion: 91 Resp: 846639
Ion Ratio Lower Upper
91 100
126 30.8 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 55.765 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 105 Resp: 964429
Ion Ratio Lower Upper
105 100
120 46.8 24.2 72.6

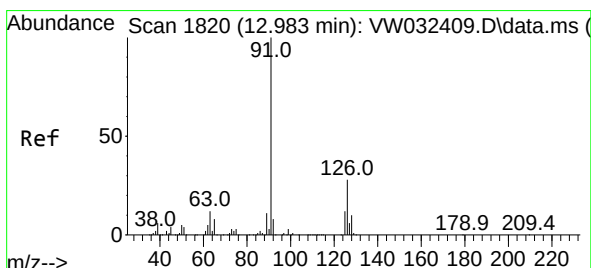
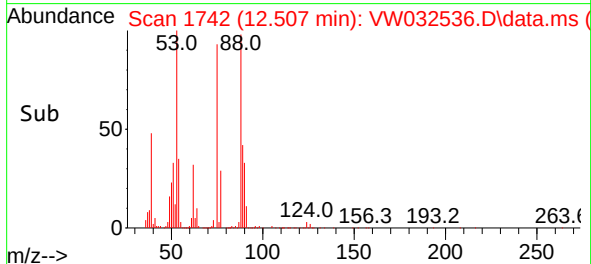
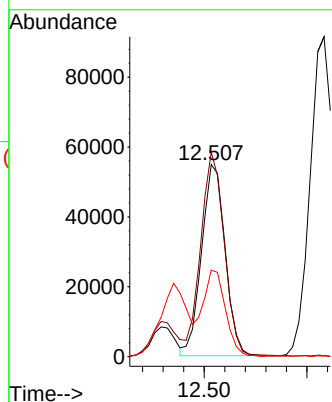
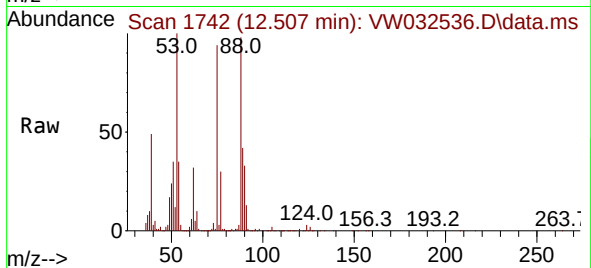




#81
trans-1,4-Dichloro-2-butene
Concen: 51.172 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

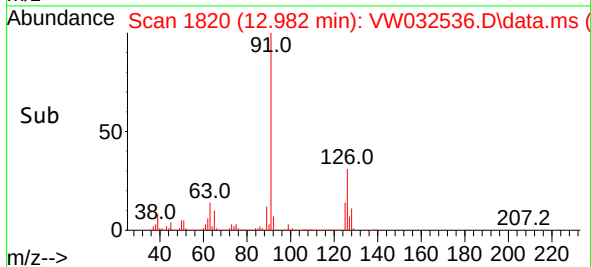
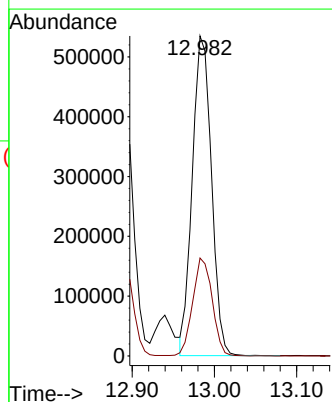
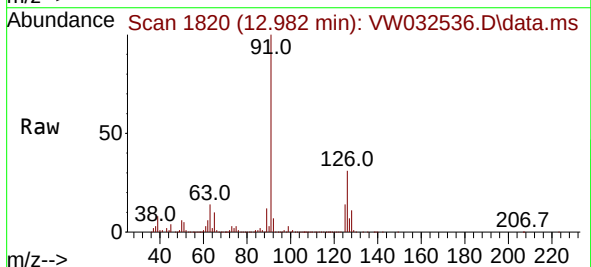
Instrument :
MSVOA_W
ClientSampleId :

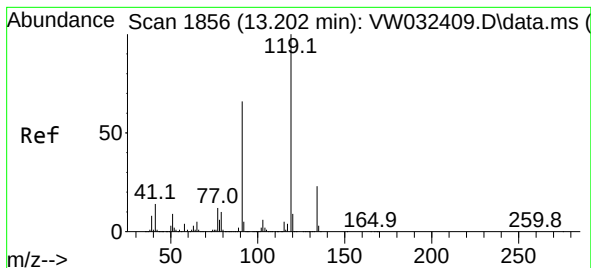
Tgt Ion: 75 Resp: 87439
Ion Ratio Lower Upper
75 100
53 105.4 77.8 116.8
89 44.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 53.333 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 91 Resp: 864480
Ion Ratio Lower Upper
91 100
126 31.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 52.655 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

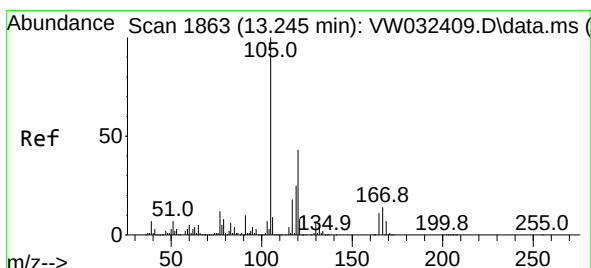
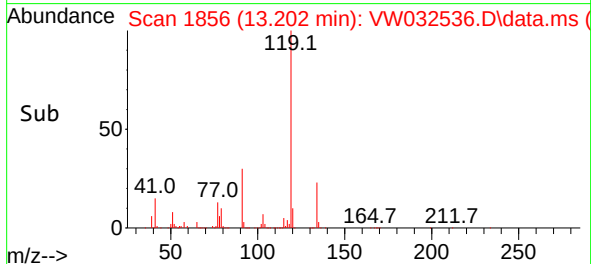
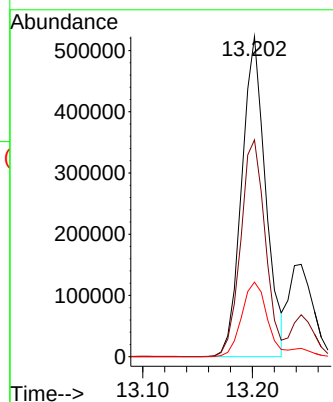
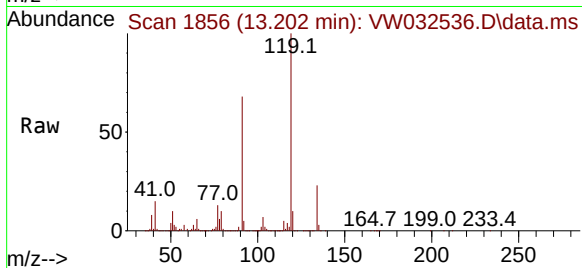
Tgt Ion:119 Resp: 792168

Ion Ratio Lower Upper

119 100

91 69.4 33.3 99.9

134 24.9 12.2 36.4



#84

1,2,4-Trimethylbenzene

Concen: 54.168 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032536.D

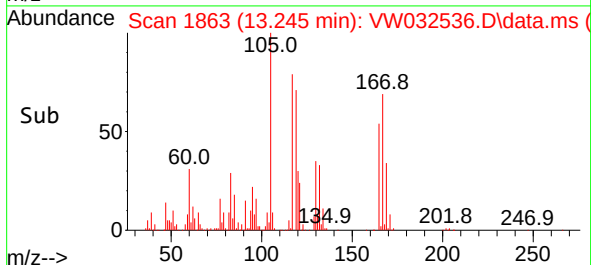
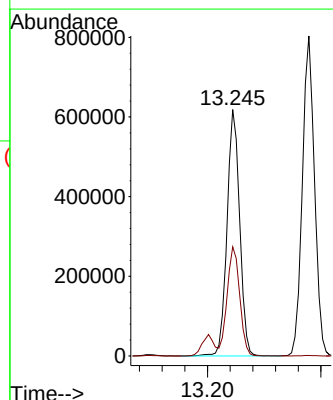
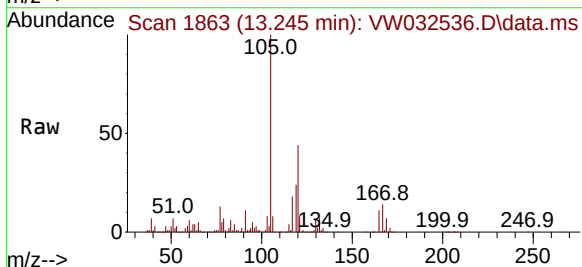
Acq: 26 Nov 2025 12:05

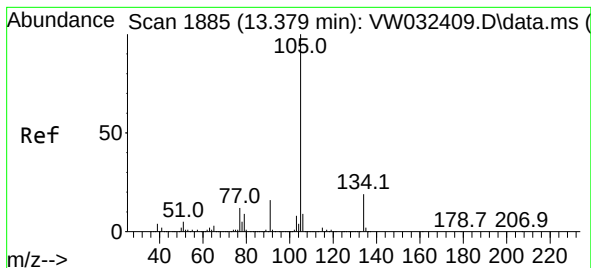
Tgt Ion:105 Resp: 952843

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.5

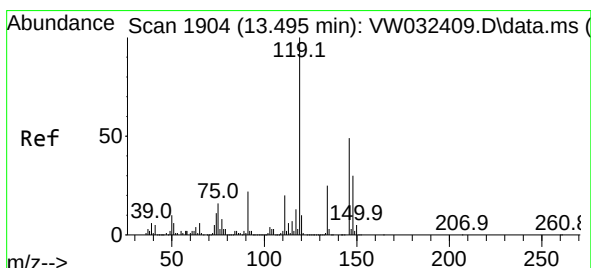
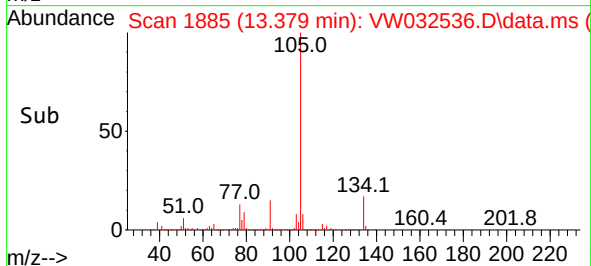
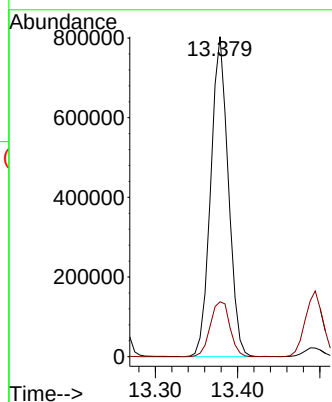
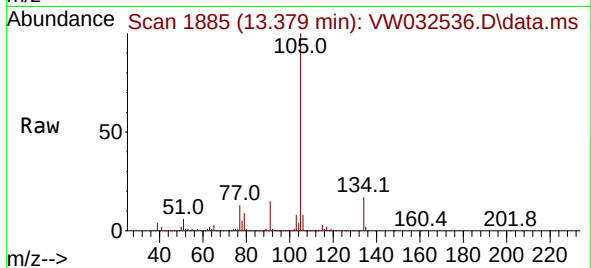




#85
 sec-Butylbenzene
 Concen: 53.250 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

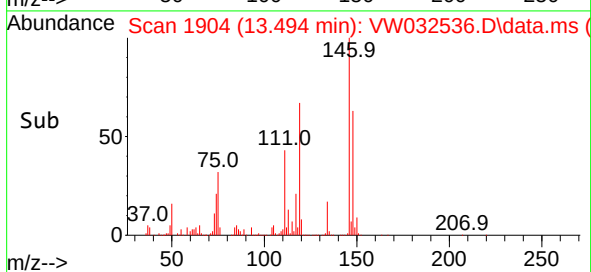
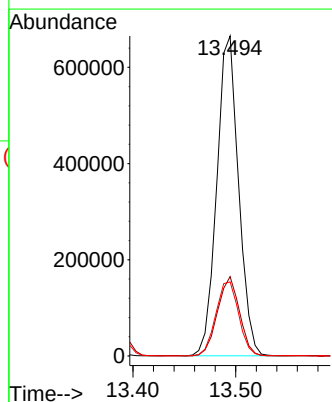
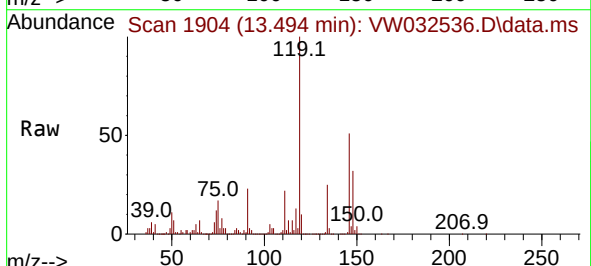
Instrument :
 MSVOA_W
 ClientSampleId :

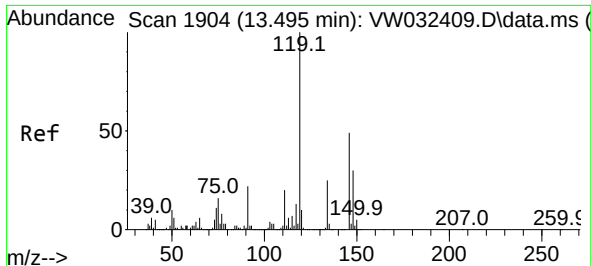
Tgt Ion:105 Resp: 1193114
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.768 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032536.D
 Acq: 26 Nov 2025 12:05

Tgt Ion:119 Resp: 976186
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 24.4 11.9 35.5

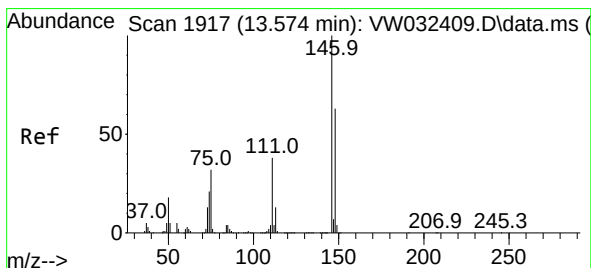
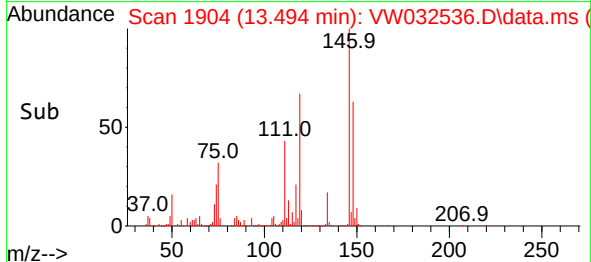
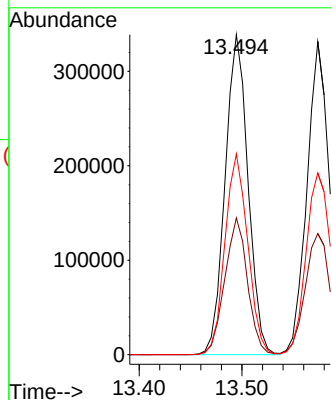
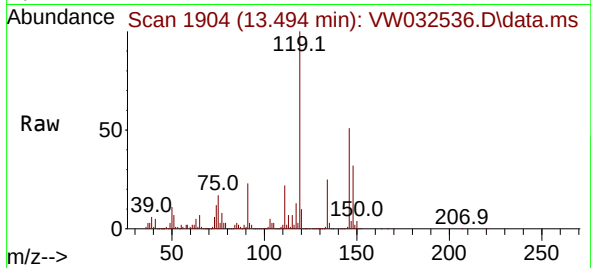




#87
1,3-Dichlorobenzene
Concen: 55.803 ug/l
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

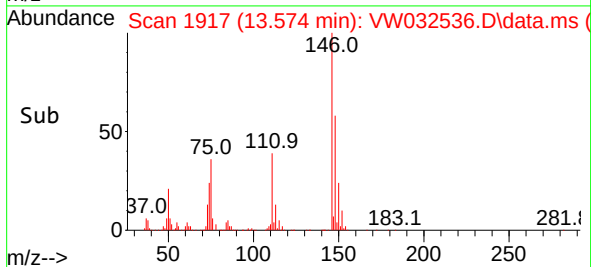
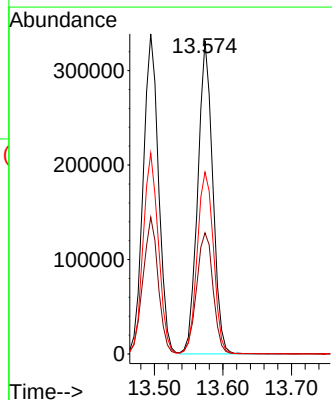
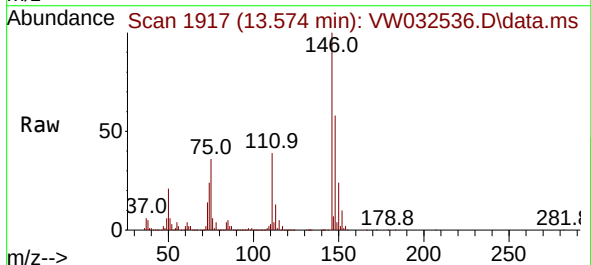
Instrument :
MSVOA_W
ClientSampleId :

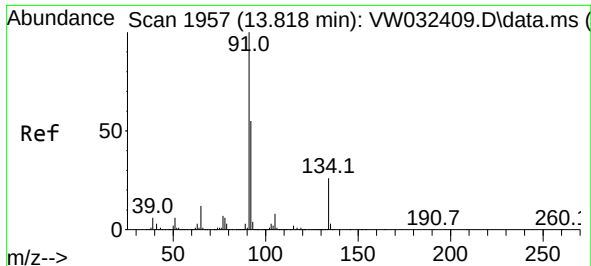
Tgt Ion:146 Resp: 525128
Ion Ratio Lower Upper
146 100
111 42.5 22.2 66.6
148 62.5 33.4 100.1



#88
1,4-Dichlorobenzene
Concen: 52.465 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion:146 Resp: 505802
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.6
148 62.8 31.2 93.6

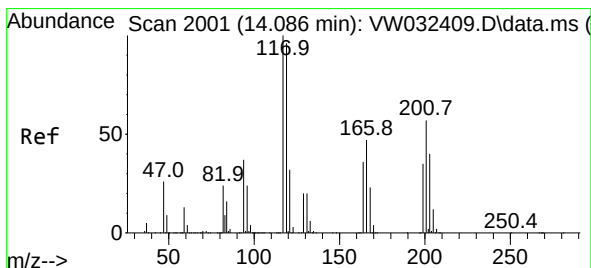
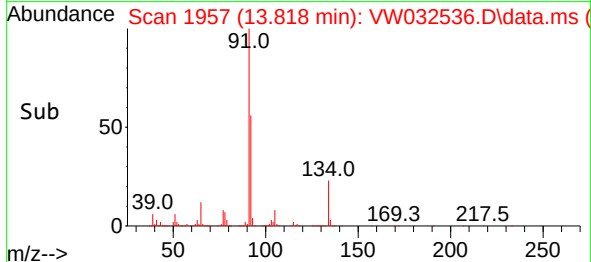
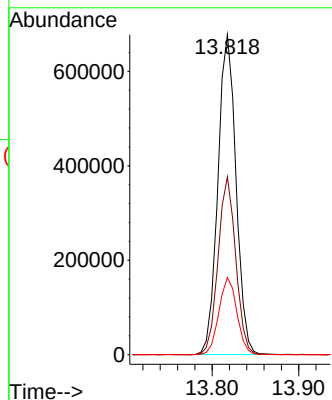
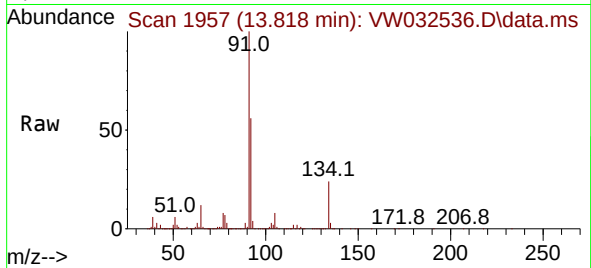




#89
n-Butylbenzene
Concen: 54.495 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

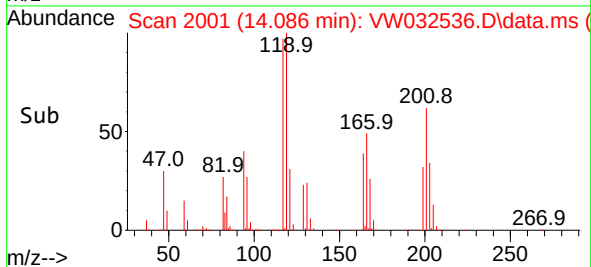
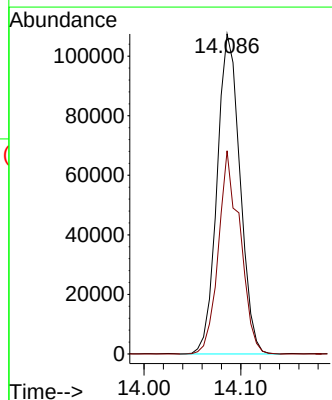
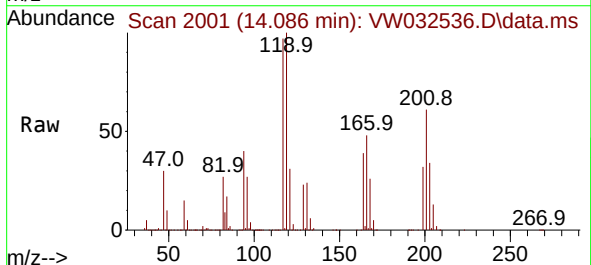
Instrument :
MSVOA_W
ClientSampleId :

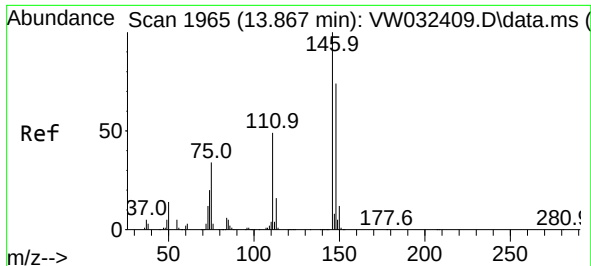
Tgt Ion: 91 Resp: 984921
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.2
134 24.0 12.4 37.4



#90
Hexachloroethane
Concen: 53.023 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032536.D
Acq: 26 Nov 2025 12:05

Tgt Ion: 117 Resp: 176857
Ion Ratio Lower Upper
117 100
201 59.9 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 53.501 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

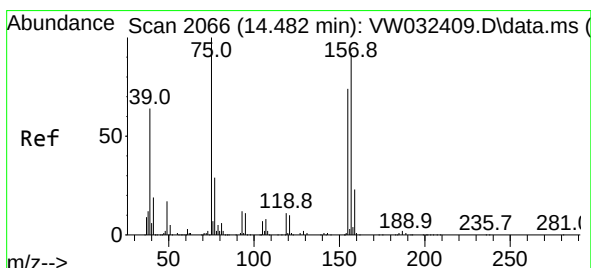
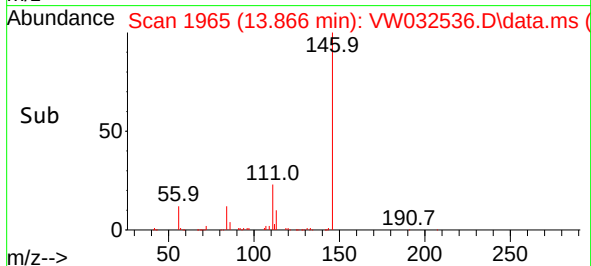
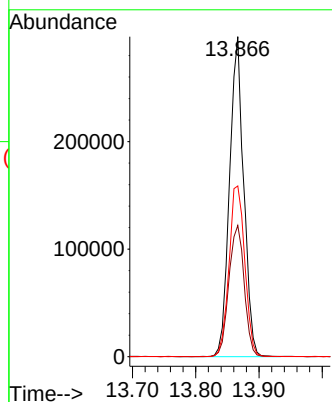
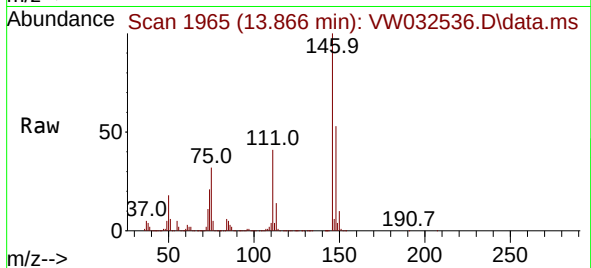
Tgt Ion:146 Resp: 462168

Ion Ratio Lower Upper

146 100

111 44.3 23.4 70.2

148 59.4 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.280 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

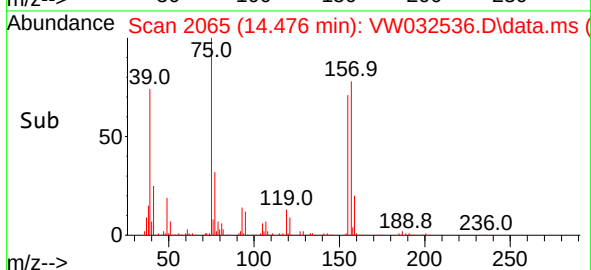
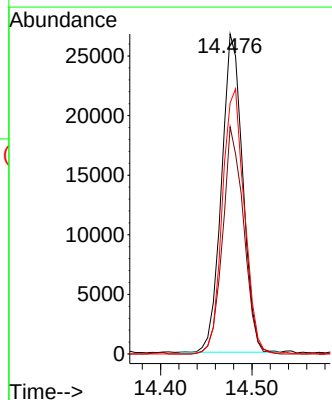
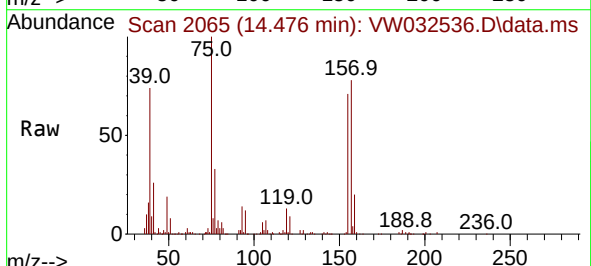
Tgt Ion: 75 Resp: 43093

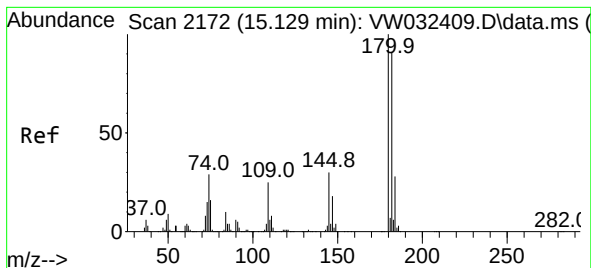
Ion Ratio Lower Upper

75 100

155 70.7 36.2 108.6

157 86.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.225 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

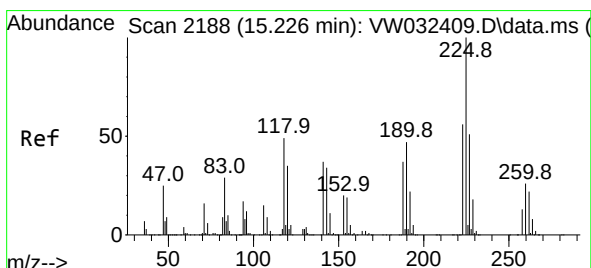
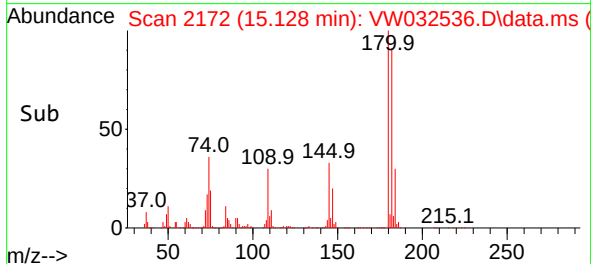
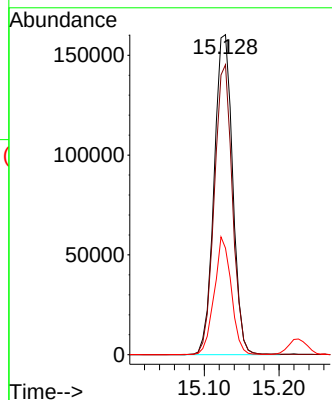
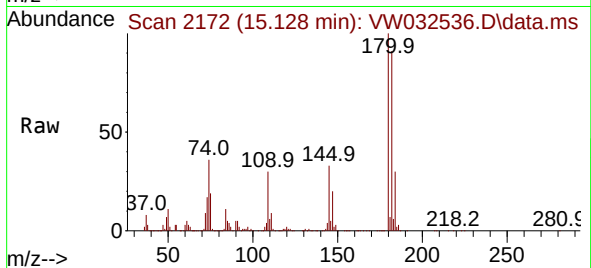
Tgt Ion:180 Resp: 276099

Ion Ratio Lower Upper

180 100

182 88.6 45.3 135.9

145 34.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 52.517 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

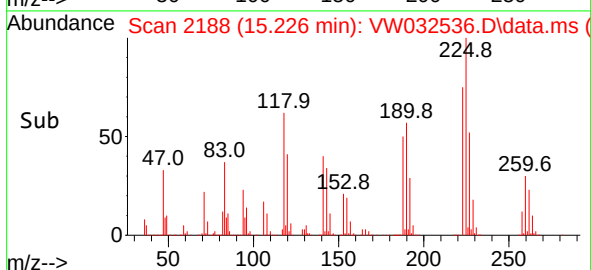
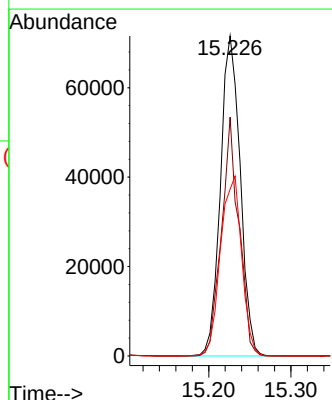
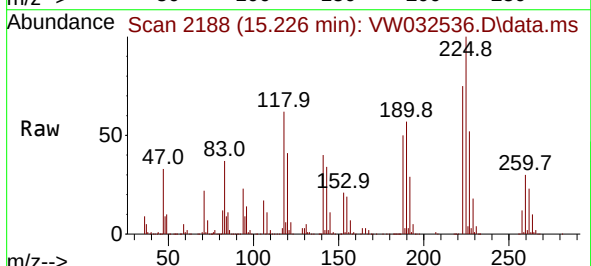
Tgt Ion:225 Resp: 119925

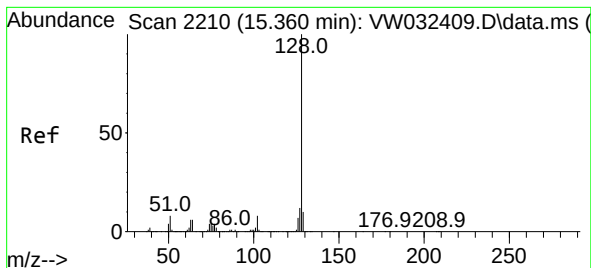
Ion Ratio Lower Upper

225 100

223 65.9 30.6 91.8

227 60.1 29.8 89.4





#95

Naphthalene

Concen: 47.934 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Instrument :

MSVOA_W

ClientSampleId :

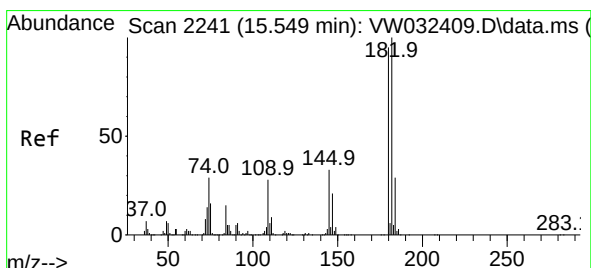
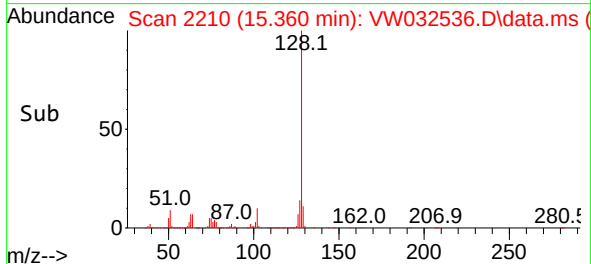
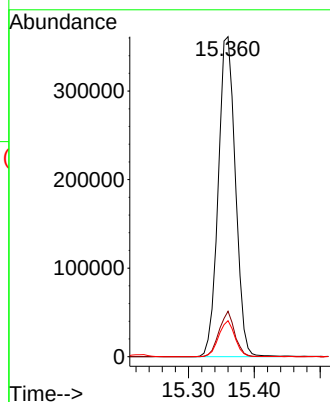
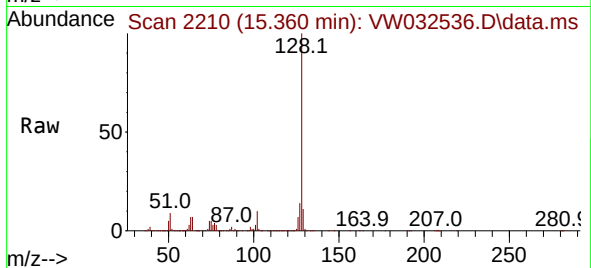
Tgt Ion:128 Resp: 657110

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.370 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032536.D

Acq: 26 Nov 2025 12:05

Tgt Ion:180 Resp: 261370

Ion Ratio Lower Upper

180 100

182 91.2 50.3 151.0

145 34.5 17.8 53.3

