

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032493.D
 Acq On : 19 Nov 2025 11:33
 Operator : SY/MD
 Sample : VW1119SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

Quant Time: Nov 20 01:16:17 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	359816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	689209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	607735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	308754	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	243549	52.502	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.000%	
35) Dibromofluoromethane	7.904	113	200981	48.705	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.420%	
50) Toluene-d8	10.325	98	776766	49.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	12.617	95	290059	48.504	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	37548	20.568	ug/l	92
3) Chloromethane	2.253	50	67585	21.599	ug/l	99
4) Vinyl Chloride	2.399	62	83156	21.057	ug/l	99
5) Bromomethane	2.820	94	56579	21.418	ug/l	91
6) Chloroethane	2.966	64	53533	20.719	ug/l	95
7) Trichlorofluoromethane	3.302	101	65038	21.005	ug/l	99
8) Diethyl Ether	3.722	74	52038	20.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	74475	22.081	ug/l	98
10) Methyl Iodide	4.308	142	115820	21.320	ug/l	98
11) Tert butyl alcohol	5.210	59	45136	112.524	ug/l	# 93
12) 1,1-Dichloroethene	4.076	96	82284	21.276	ug/l	94
13) Acrolein	3.930	56	58640	87.131	ug/l	98
14) Allyl chloride	4.704	41	152847	20.551	ug/l	96
15) Acrylonitrile	5.399	53	156743	107.091	ug/l	99
16) Acetone	4.161	43	159113	114.648	ug/l	96
17) Carbon Disulfide	4.417	76	235314	20.586	ug/l	99
18) Methyl Acetate	4.710	43	70082	20.392	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	166154	20.381	ug/l	100
20) Methylene Chloride	4.954	84	115290	23.229	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	95567	21.610	ug/l	95
22) Diisopropyl ether	6.344	45	327680	21.639	ug/l	98
23) Vinyl Acetate	6.283	43	1099201	105.949	ug/l	97
24) 1,1-Dichloroethane	6.246	63	181876	21.922	ug/l	99
25) 2-Butanone	7.197	43	217596	106.423	ug/l	97
26) 2,2-Dichloropropane	7.185	77	98393	21.280	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	112582	21.306	ug/l	96
28) Bromochloromethane	7.533	49	87888	22.413	ug/l	95
29) Tetrahydrofuran	7.551	42	138251	106.532	ug/l	98
30) Chloroform	7.691	83	180534	22.228	ug/l	100
31) Cyclohexane	7.972	56	157753	20.556	ug/l	# 94
32) 1,1,1-Trichloroethane	7.886	97	124785	21.507	ug/l	98
36) 1,1-Dichloropropene	8.093	75	127307	20.939	ug/l	99
37) Ethyl Acetate	7.277	43	93837	20.756	ug/l	99
38) Carbon Tetrachloride	8.087	117	109428	20.256	ug/l	89
39) Methylcyclohexane	9.343	83	150595	19.120	ug/l	94
40) Benzene	8.337	78	406260	20.749	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	52848	21.279	ug/l	95
42) 1,2-Dichloroethane	8.410	62	122685	21.332	ug/l	100
43) Isopropyl Acetate	8.435	43	158691	19.823	ug/l	99
44) Trichloroethene	9.105	130	93336	20.486	ug/l	93
45) 1,2-Dichloropropane	9.374	63	101659	20.852	ug/l	97
46) Dibromomethane	9.465	93	60670	21.295	ug/l	98
47) Bromodichloromethane	9.648	83	134160	20.644	ug/l	99
48) Methyl methacrylate	9.441	41	72320	19.011	ug/l	95
49) 1,4-Dioxane	9.459	88	15319	383.832	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	467147	105.557	ug/l	99
52) Toluene	10.392	92	249502	20.630	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	131119	19.591	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	155020	20.029	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	82477	21.103	ug/l	97
56) Ethyl methacrylate	10.648	69	115683	19.291	ug/l	99
57) 1,3-Dichloropropane	10.934	76	145564	20.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	329399	103.145	ug/l	99
59) 2-Hexanone	10.971	43	328435	101.435	ug/l	97
60) Dibromochloromethane	11.130	129	88991	20.389	ug/l	98
61) 1,2-Dibromoethane	11.239	107	76725	20.156	ug/l	99
64) Tetrachloroethene	10.861	164	76972	21.388	ug/l	94
65) Chlorobenzene	11.660	112	277740	21.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	85463	21.082	ug/l	98
67) Ethyl Benzene	11.727	91	462585	20.410	ug/l	97
68) m/p-Xylenes	11.837	106	349649	41.088	ug/l	100
69) o-Xylene	12.166	106	163377	20.051	ug/l	99
70) Styrene	12.178	104	300762	21.458	ug/l	96
71) Bromoform	12.349	173	48376	20.147	ug/l #	96
73) Isopropylbenzene	12.465	105	415533	18.325	ug/l	98
74) N-amyl acetate	12.270	43	146488	18.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	104018	19.329	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	131476	31.056	ug/l	34
77) Bromobenzene	12.739	156	96893	18.047	ug/l	88
78) n-propylbenzene	12.800	91	530953	19.227	ug/l	99
79) 2-Chlorotoluene	12.891	91	322532	19.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	356299	19.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	32650	17.664	ug/l	91
82) 4-Chlorotoluene	12.983	91	342431	19.530	ug/l	97
83) tert-Butylbenzene	13.202	119	295411	18.153	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	368482	19.366	ug/l	99
85) sec-Butylbenzene	13.379	105	450010	18.567	ug/l	99
86) p-Isopropyltoluene	13.495	119	375159	18.747	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	203300	19.972	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	197864	18.973	ug/l	94
89) n-Butylbenzene	13.818	91	369310	18.890	ug/l	98
90) Hexachloroethane	14.086	117	68321	18.936	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	190098	20.343	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17581	18.964	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	112717	18.955	ug/l	97
94) Hexachlorobutadiene	15.232	225	47001	19.028	ug/l	95
95) Naphthalene	15.360	128	265837	17.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	101880	18.871	ug/l	95

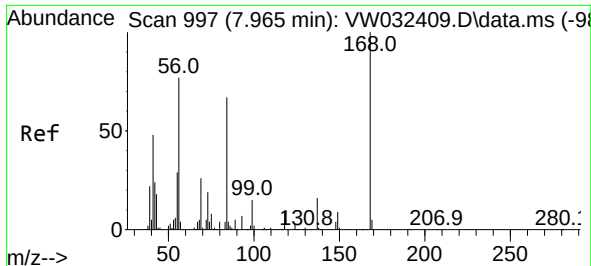
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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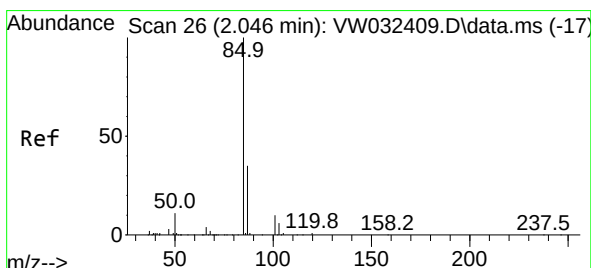
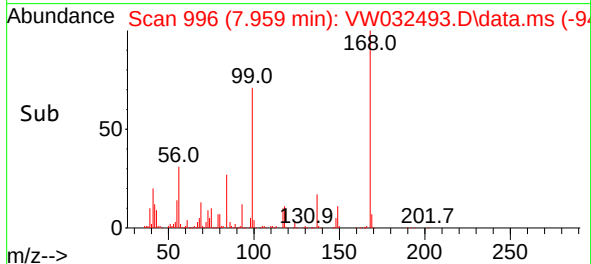
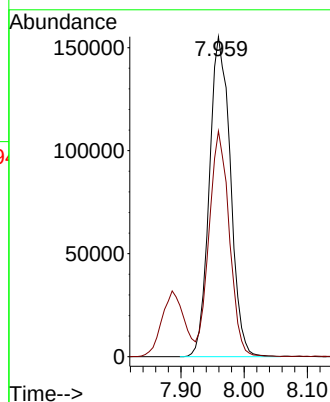
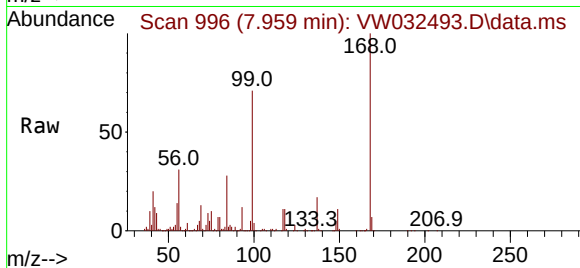
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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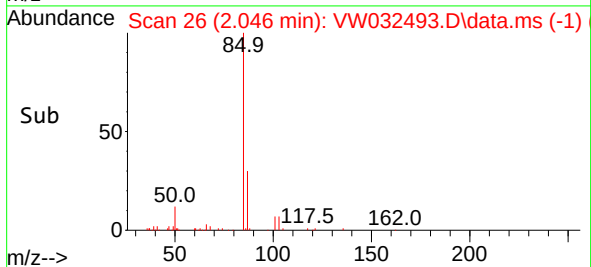
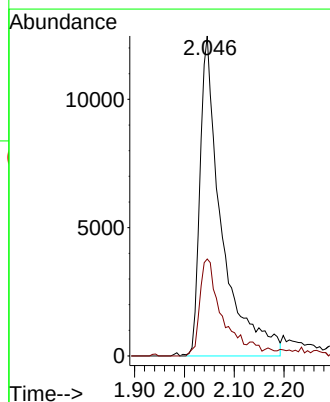
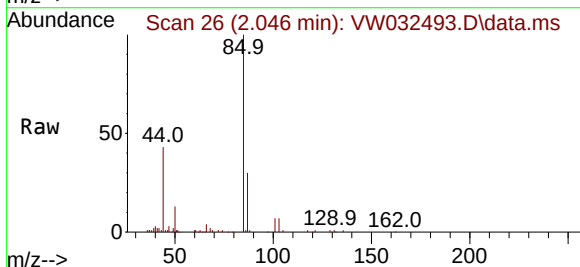
Instrument :
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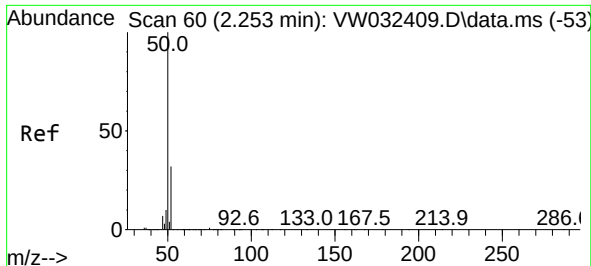
Tgt Ion:168 Resp: 359816
Ion Ratio Lower Upper
168 100
99 70.4 45.4 68.2#



#2
Dichlorodifluoromethane
Concen: 20.568 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 85 Resp: 37548
Ion Ratio Lower Upper
85 100
87 30.3 17.4 52.2

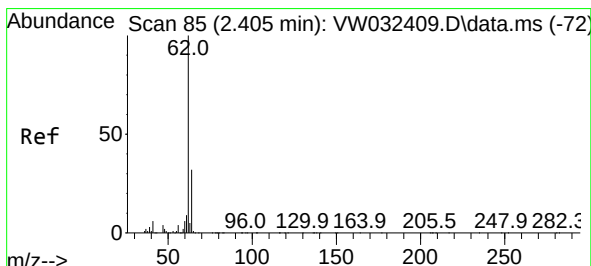
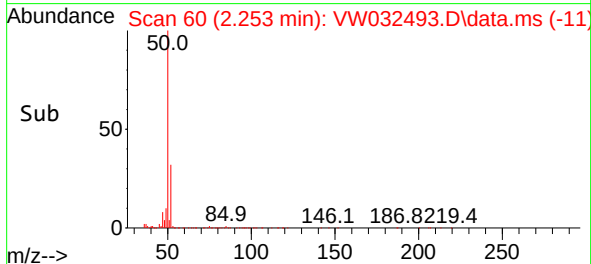
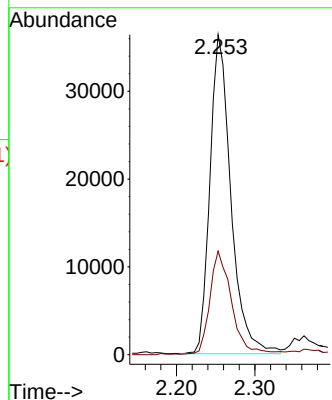
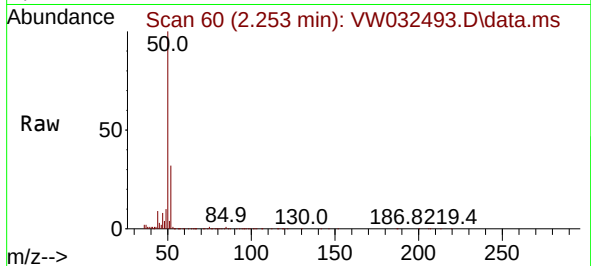




#3
Chloromethane
Concen: 21.599 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

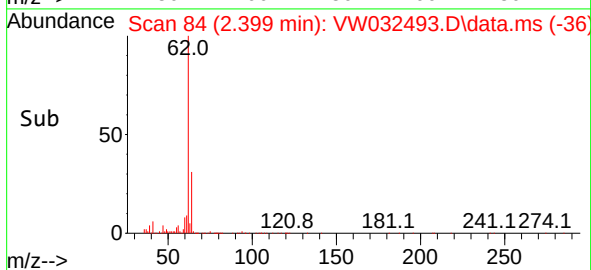
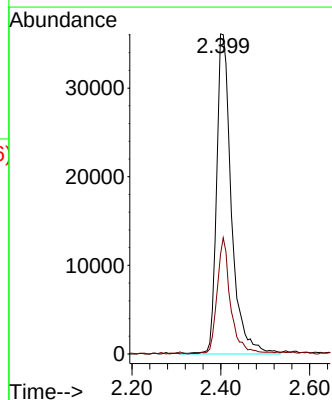
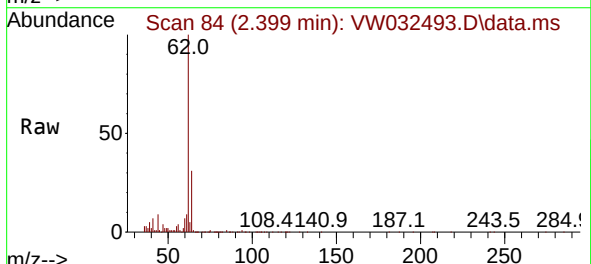
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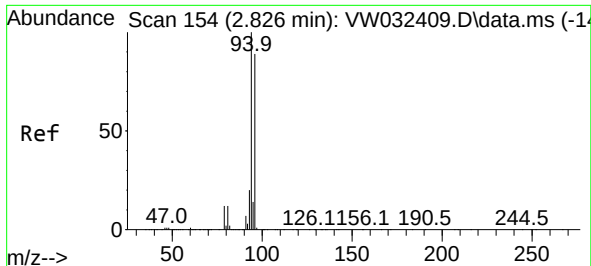
Tgt Ion: 50 Resp: 67585
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 21.057 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 62 Resp: 83156
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

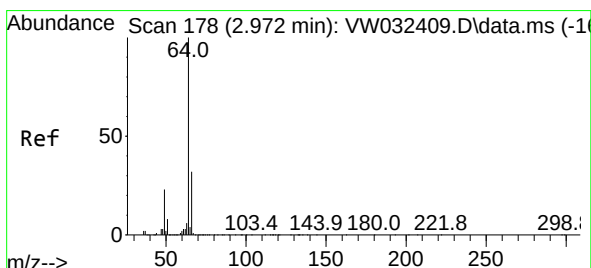
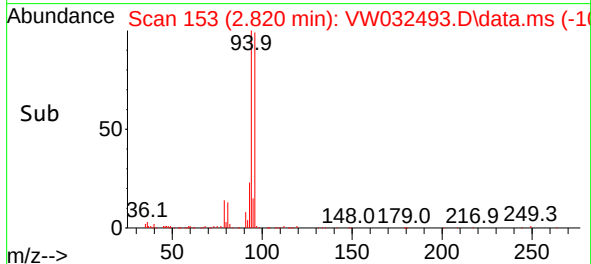
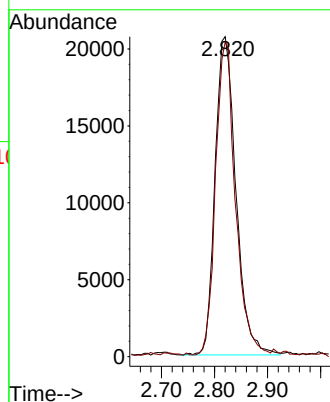
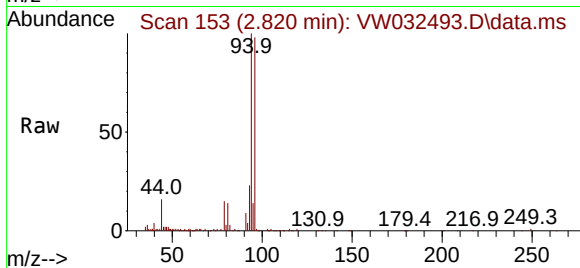




#5
Bromomethane
Concen: 21.418 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

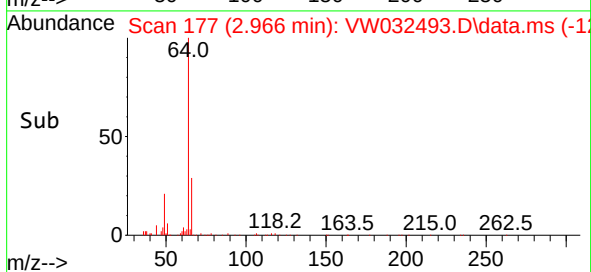
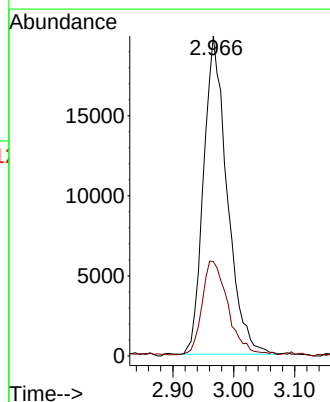
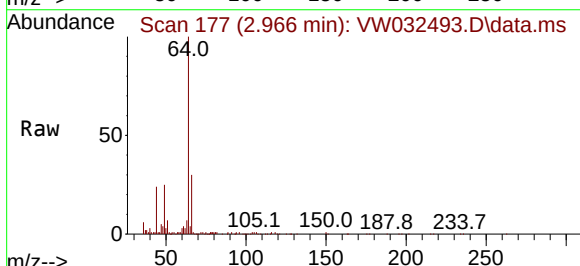
Instrument :
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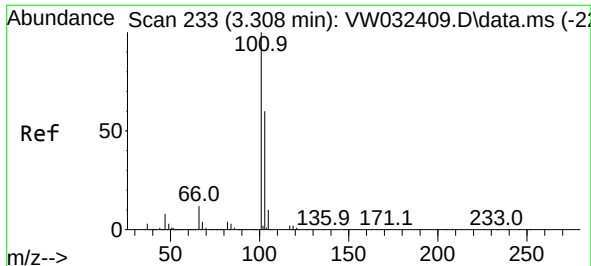
Tgt Ion: 94 Resp: 56579
Ion Ratio Lower Upper
94 100
96 97.9 71.4 107.2



#6
Chloroethane
Concen: 20.719 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 64 Resp: 53533
Ion Ratio Lower Upper
64 100
66 29.2 25.6 38.4

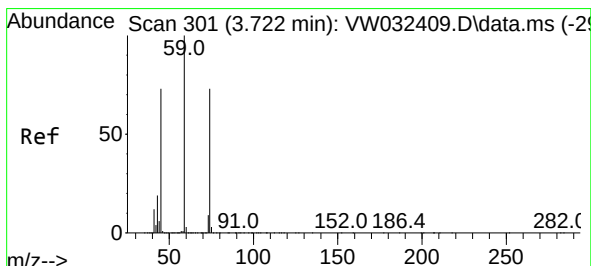
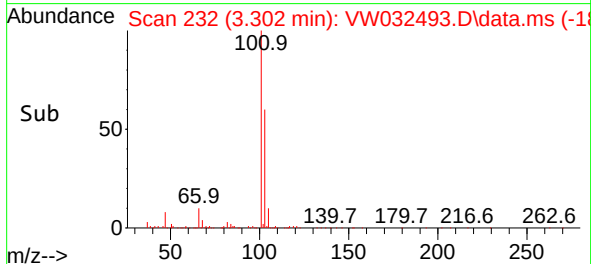
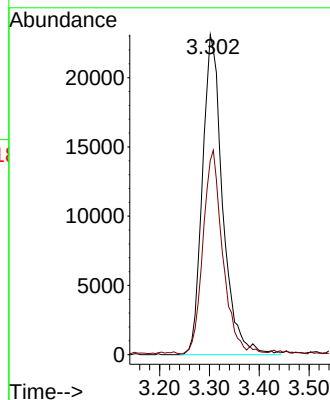
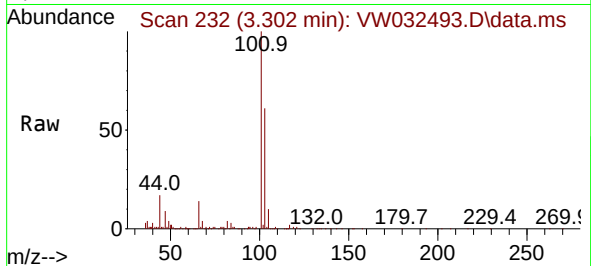




#7
 Trichlorofluoromethane
 Concen: 21.005 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

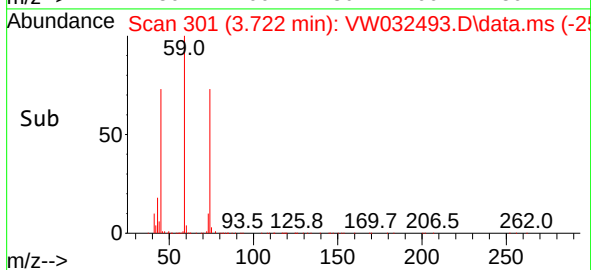
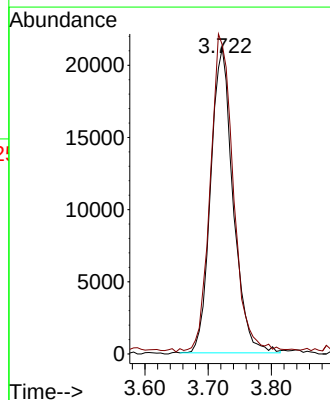
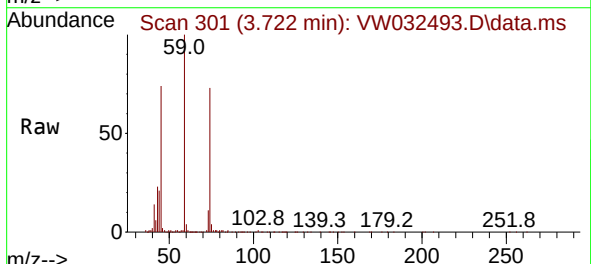
Instrument :
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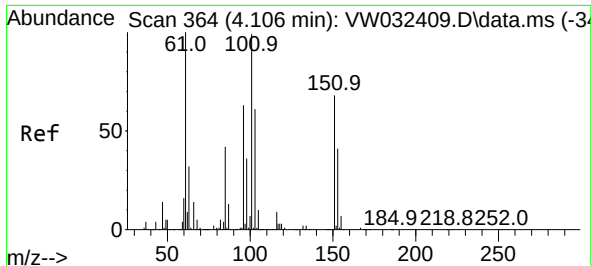
Tgt Ion:101 Resp: 65038
 Ion Ratio Lower Upper
 101 100
 103 60.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.557 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 74 Resp: 52038
 Ion Ratio Lower Upper
 74 100
 45 107.5 51.8 155.4

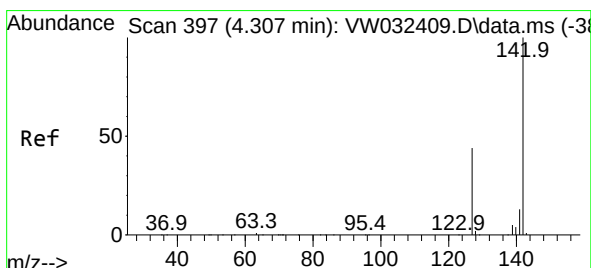
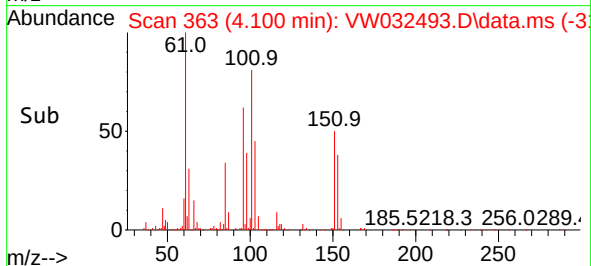
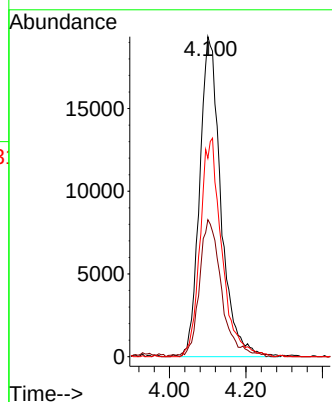
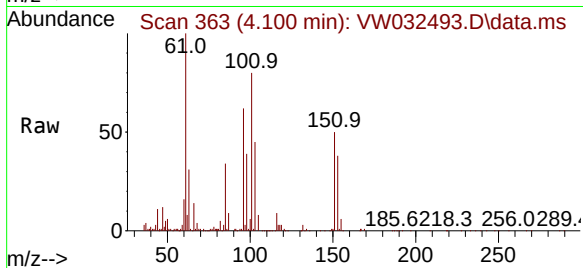




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.081 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032493.D
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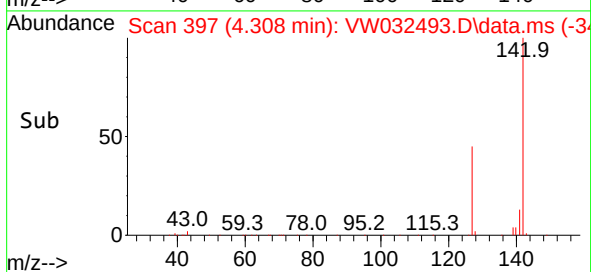
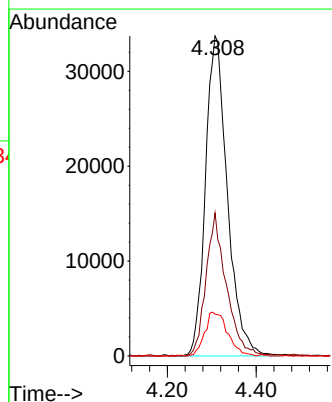
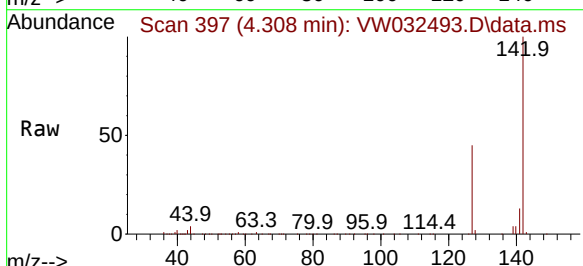
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

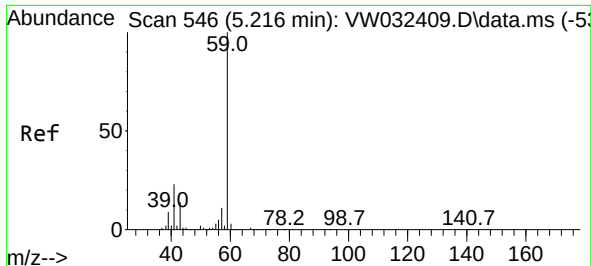
Tgt Ion:101 Resp: 74475
Ion Ratio Lower Upper
101 100
85 44.5 34.1 51.1
151 69.5 56.4 84.6



#10
Methyl Iodide
Concen: 21.320 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:142 Resp: 115820
Ion Ratio Lower Upper
142 100
127 41.5 34.2 51.2
141 14.2 11.8 17.8

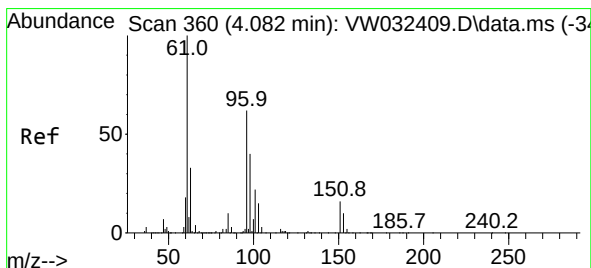
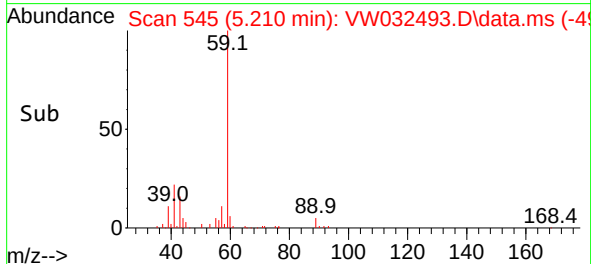
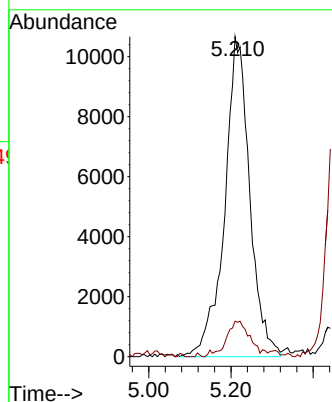
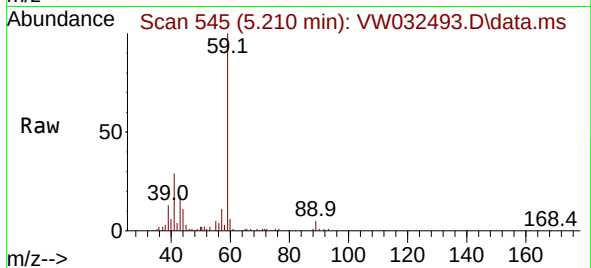




#11
Tert butyl alcohol
Concen: 112.524 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

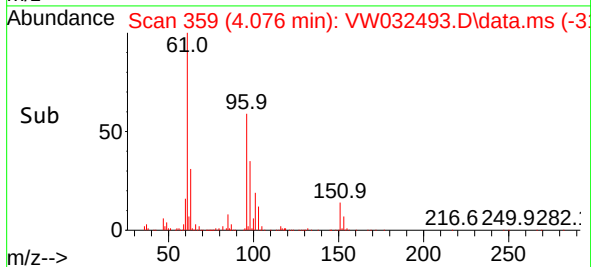
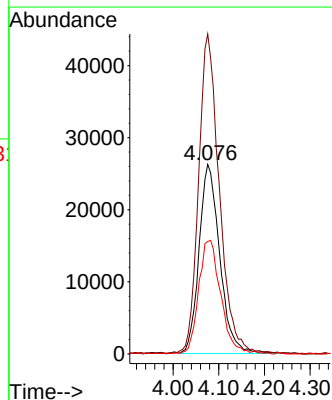
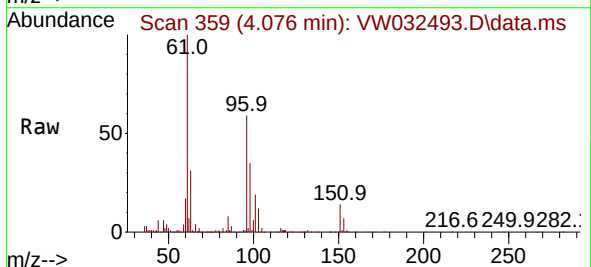
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

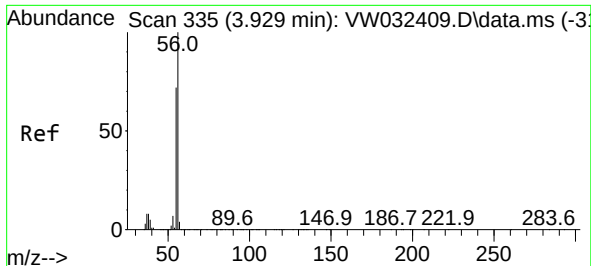
Tgt Ion: 59 Resp: 45136
Ion Ratio Lower Upper
59 100
57 8.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 21.276 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 96 Resp: 82284
Ion Ratio Lower Upper
96 100
61 168.7 129.0 193.6
98 59.2 51.1 76.7

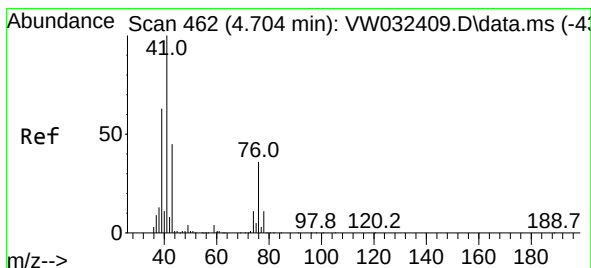
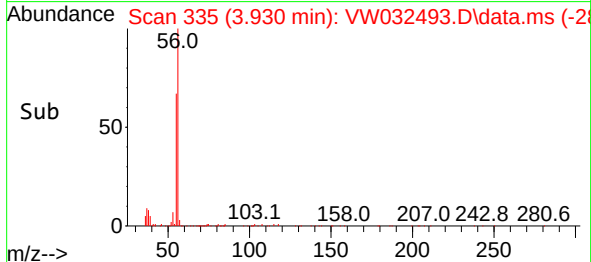
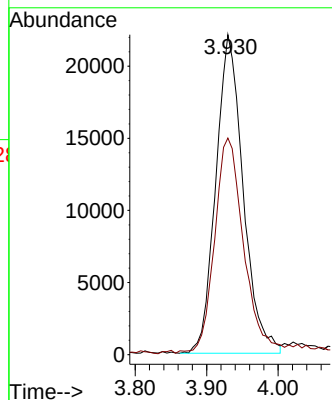
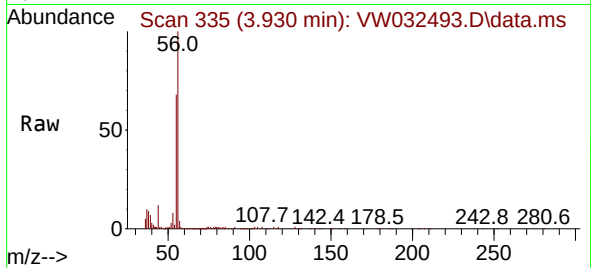




#13
Acrolein
Concen: 87.131 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

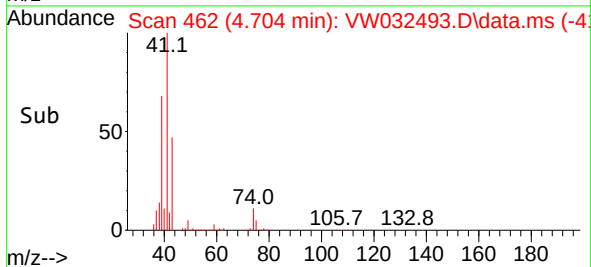
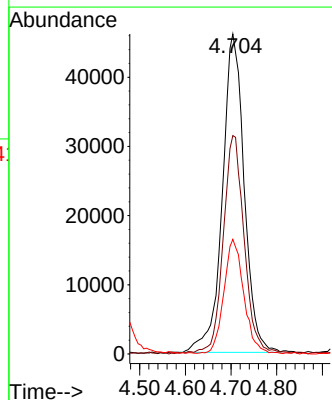
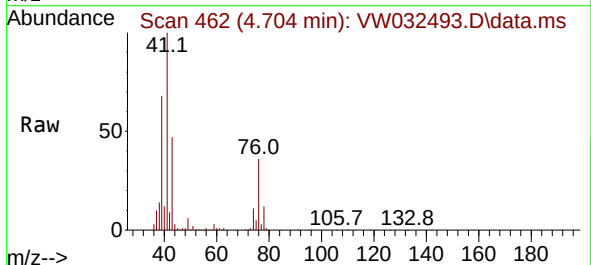
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

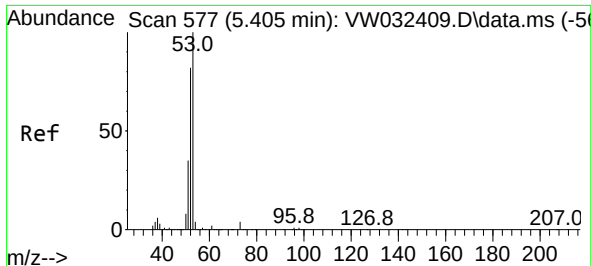
Tgt Ion: 56 Resp: 58640
Ion Ratio Lower Upper
56 100
55 71.8 56.3 84.5



#14
Allyl chloride
Concen: 20.551 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 41 Resp: 152847
Ion Ratio Lower Upper
41 100
39 66.5 50.2 75.2
76 32.8 27.0 40.6

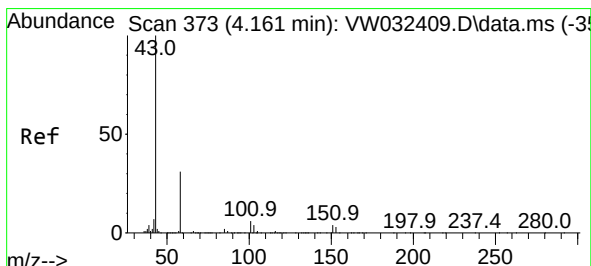
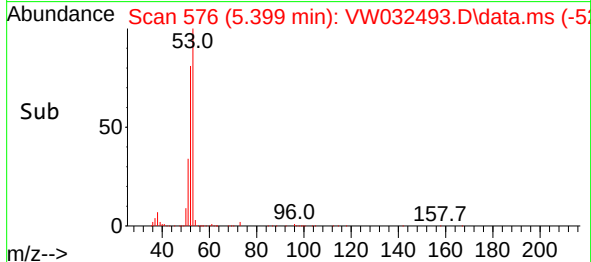
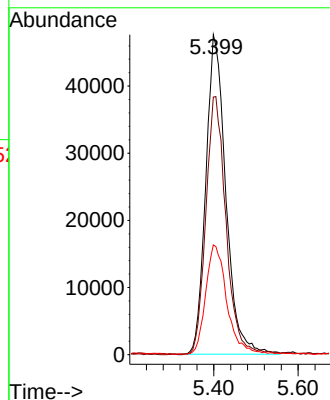
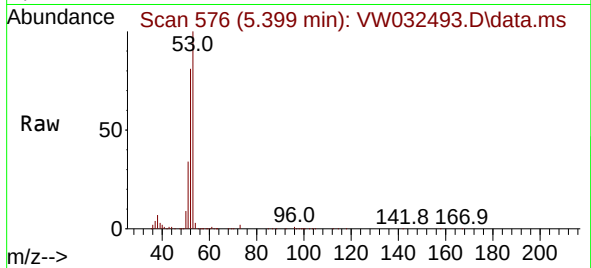




#15
Acrylonitrile
Concen: 107.091 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

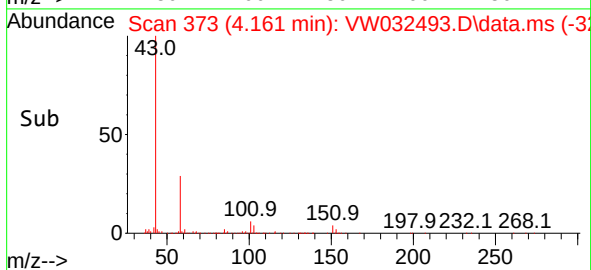
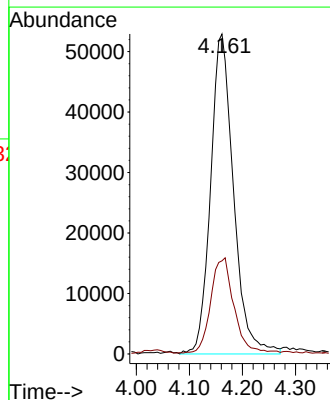
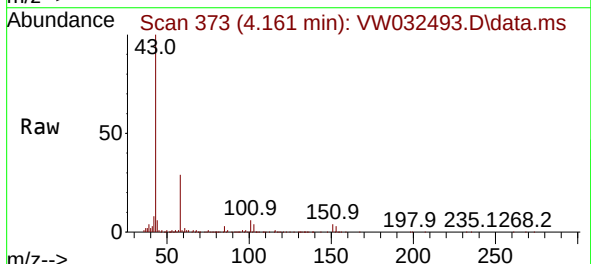
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

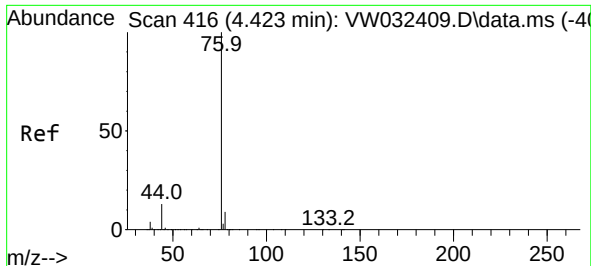
Tgt Ion: 53 Resp: 156743
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.4 28.6 43.0



#16
Acetone
Concen: 114.648 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 43 Resp: 159113
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2

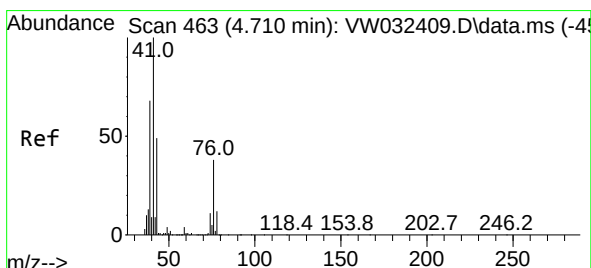
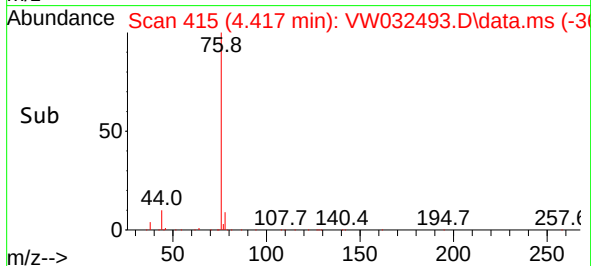
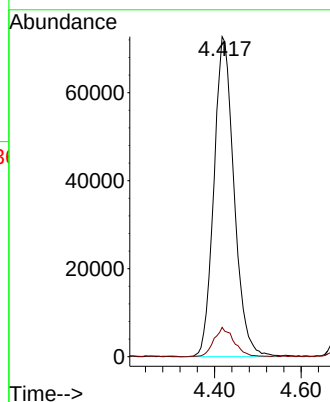
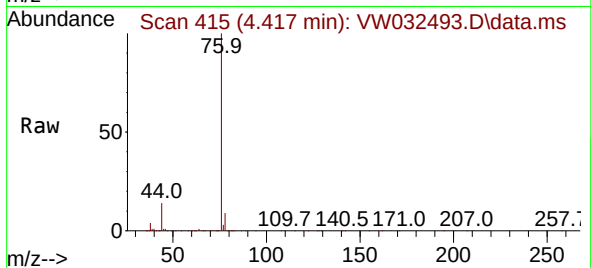




#17
Carbon Disulfide
Concen: 20.586 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

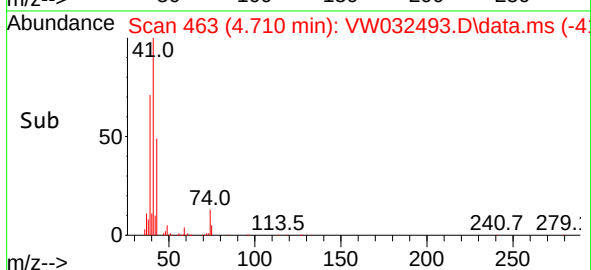
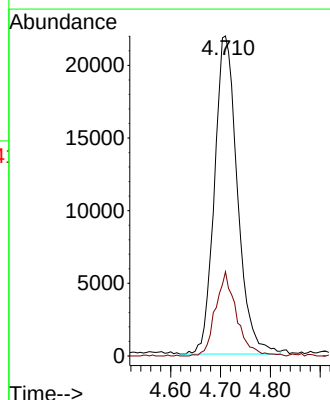
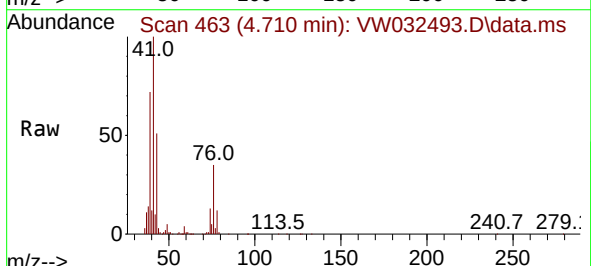
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

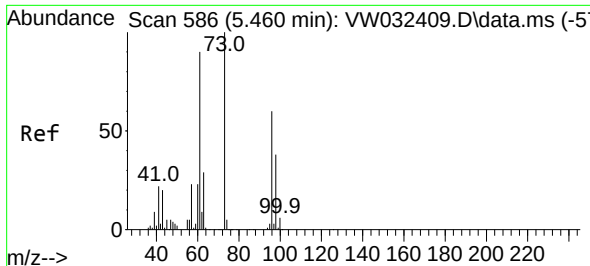
Tgt Ion: 76 Resp: 235314
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 20.392 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 43 Resp: 70082
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3

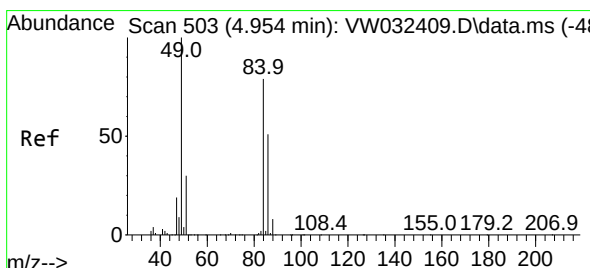
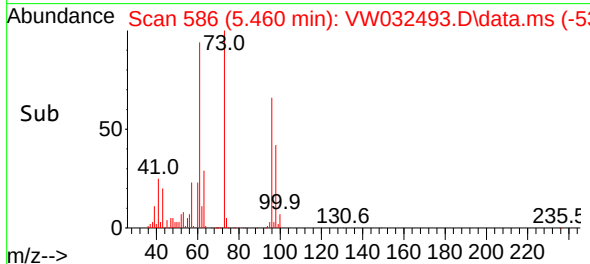
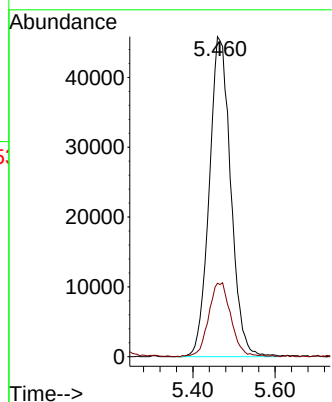
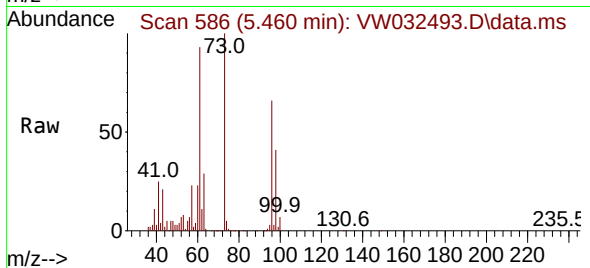




#19
Methyl tert-butyl Ether
Concen: 20.381 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

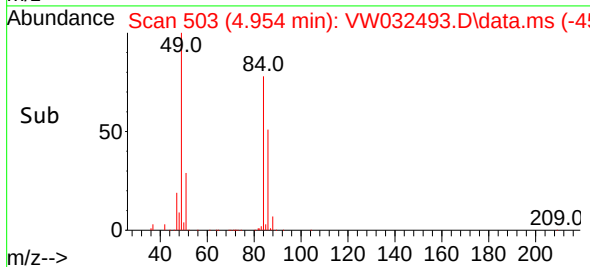
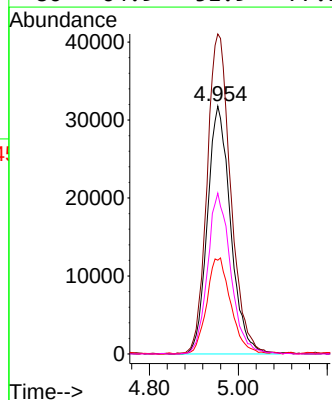
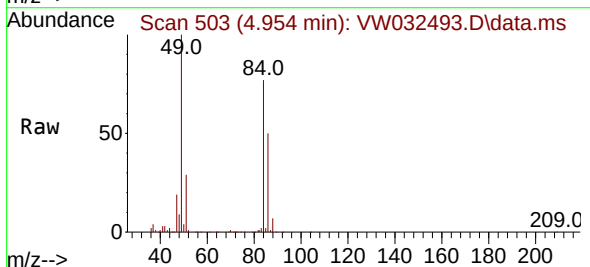
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

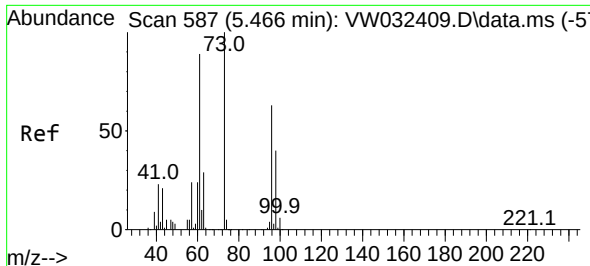
Tgt Ion: 73 Resp: 166154
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 23.229 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 84 Resp: 115290
Ion Ratio Lower Upper
84 100
49 128.8 101.5 152.3
51 37.6 30.6 46.0
86 64.9 51.9 77.9

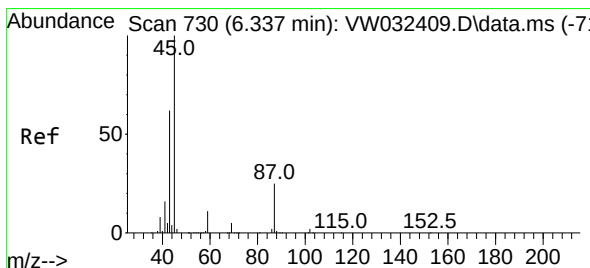
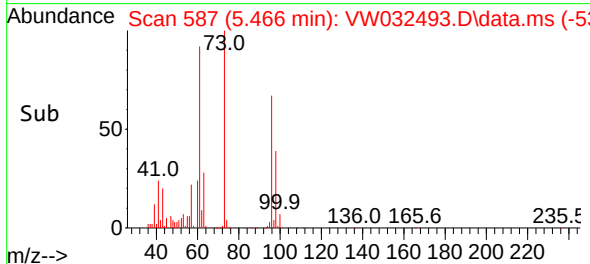
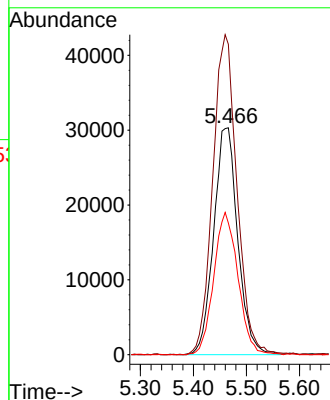
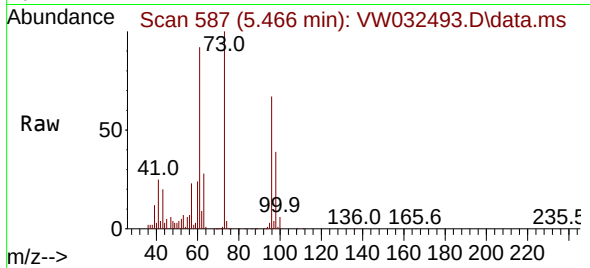




#21
trans-1,2-Dichloroethene
Concen: 21.610 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

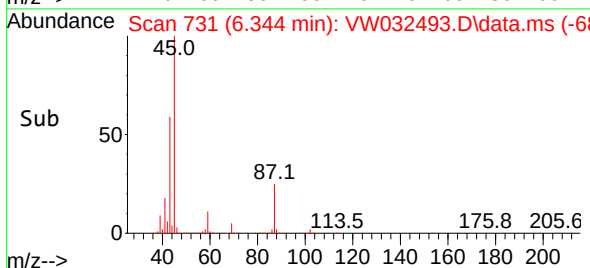
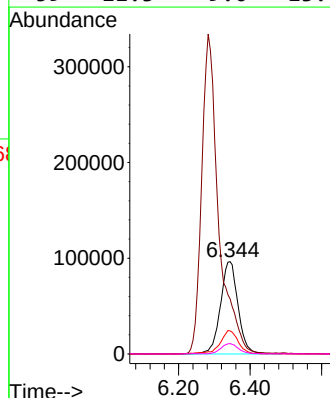
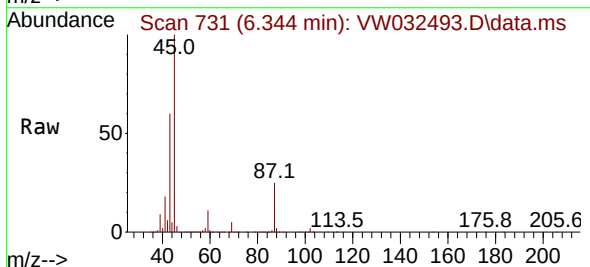
Instrument :
MSVOA_W
ClientSampleId :
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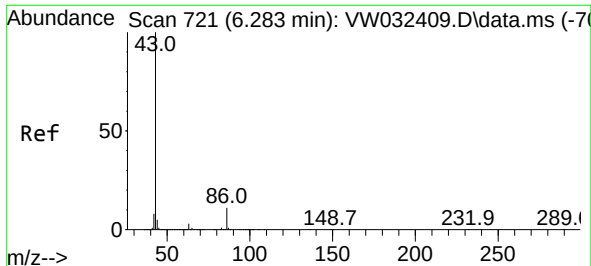
Tgt Ion: 96 Resp: 95567
Ion Ratio Lower Upper
96 100
61 136.6 112.5 168.7
98 58.0 51.1 76.7



#22
Diisopropyl ether
Concen: 21.639 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 45 Resp: 327680
Ion Ratio Lower Upper
45 100
43 59.5 49.4 74.2
87 24.9 20.1 30.1
59 11.3 9.0 13.4

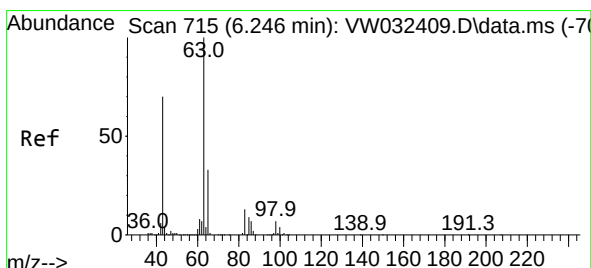
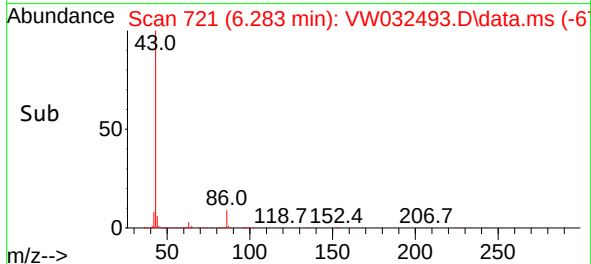
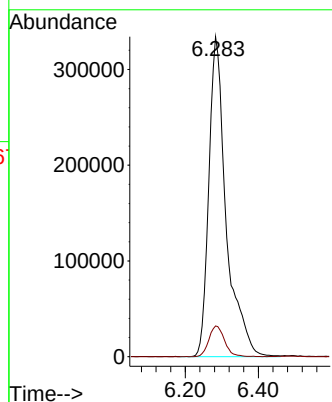
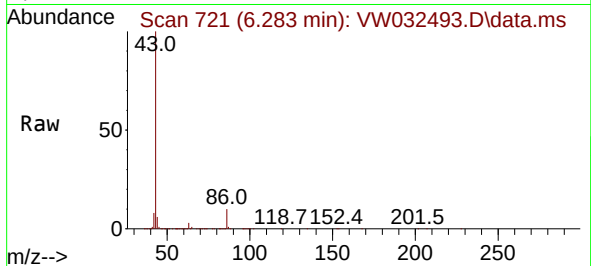




#23
 Vinyl Acetate
 Concen: 105.949 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

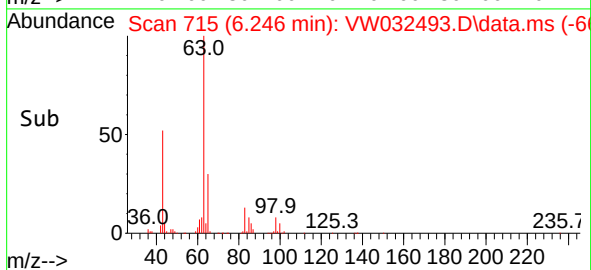
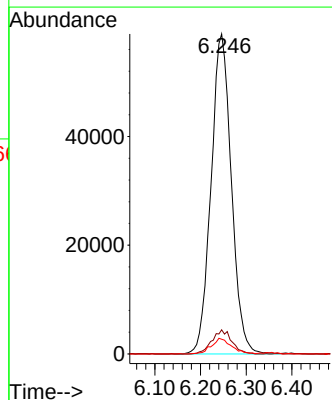
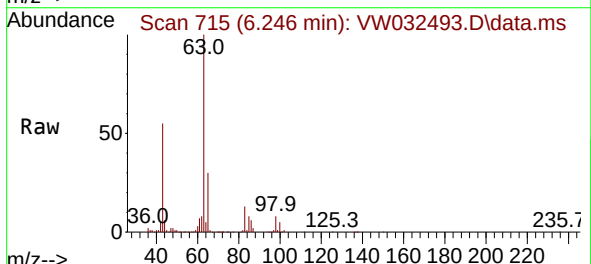
Instrument :
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 ClientSampleId :
 VW1119SBSD01

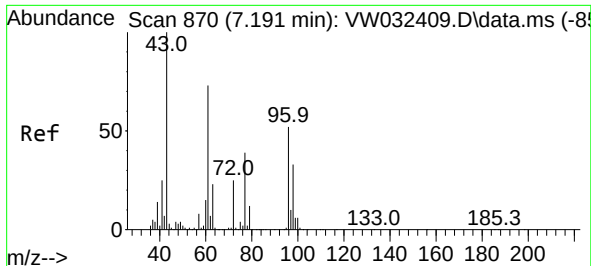
Tgt Ion: 43 Resp: 1099201
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.922 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 63 Resp: 181876
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.3 6.8

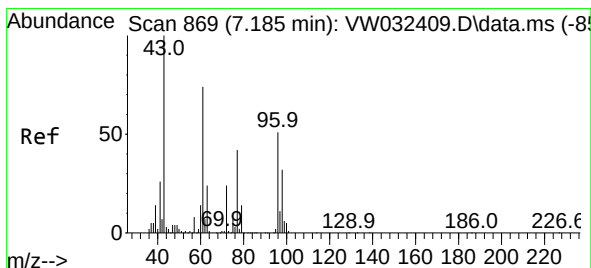
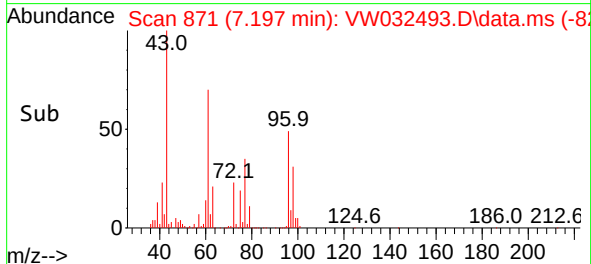
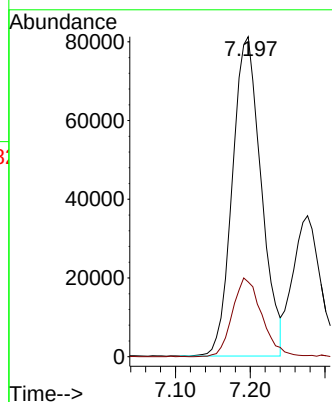
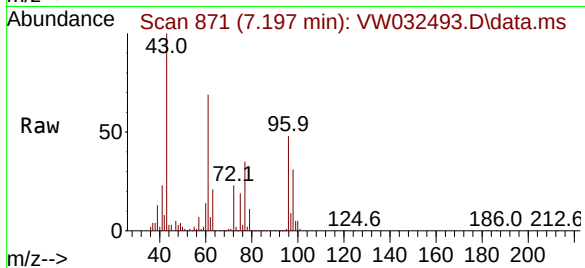




#25
2-Butanone
Concen: 106.423 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

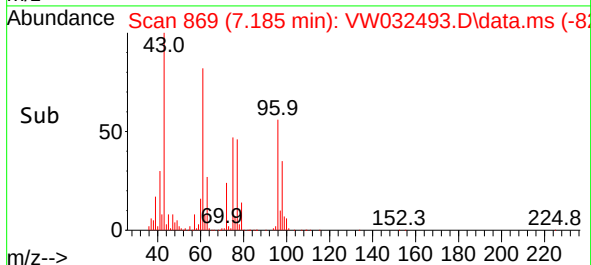
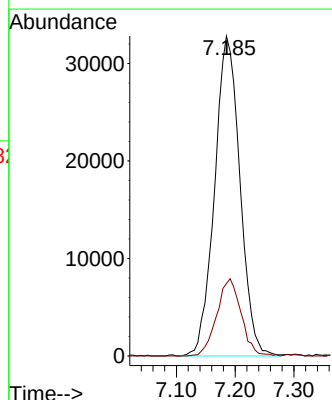
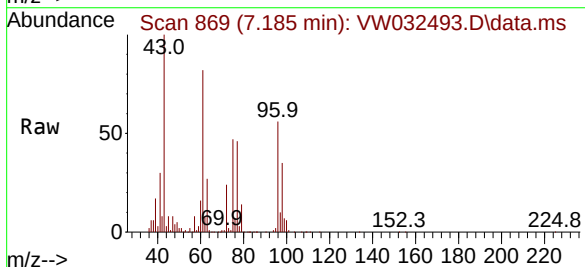
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

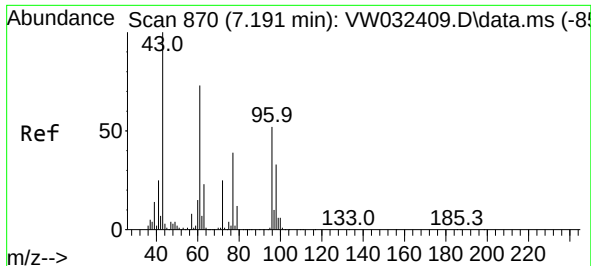
Tgt Ion: 43 Resp: 217596
Ion Ratio Lower Upper
43 100
72 23.3 20.0 30.0



#26
2,2-Dichloropropane
Concen: 21.280 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 77 Resp: 98393
Ion Ratio Lower Upper
77 100
97 23.2 12.3 36.8

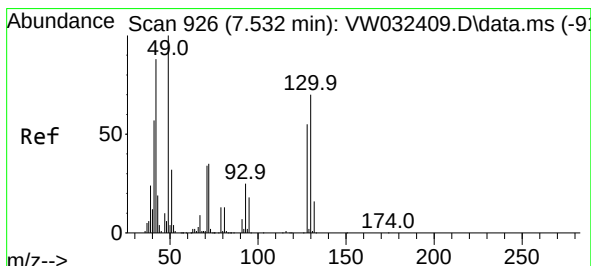
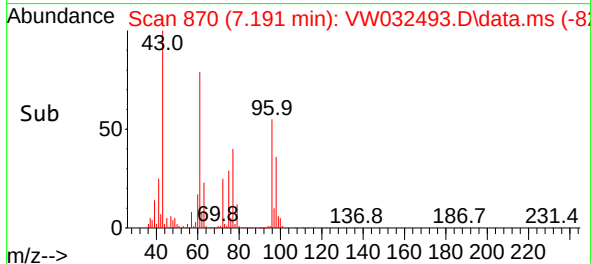
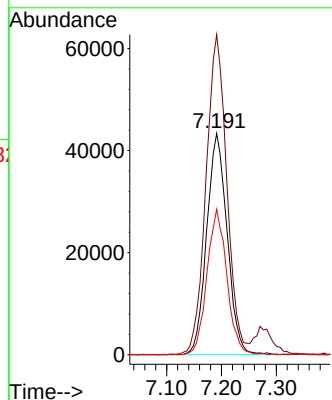
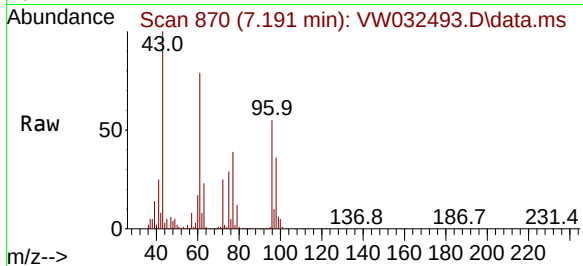




#27
 cis-1,2-Dichloroethene
 Concen: 21.306 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

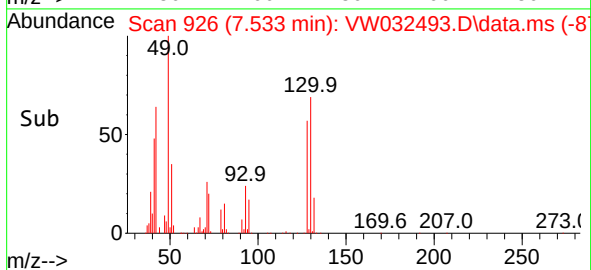
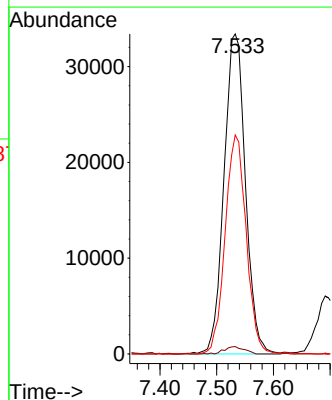
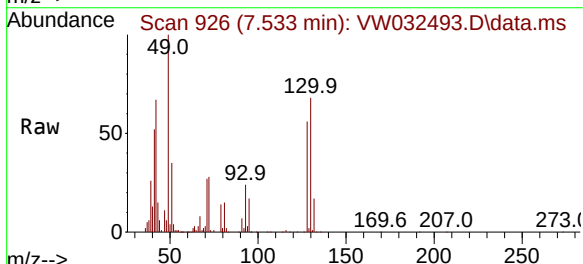
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBSD01

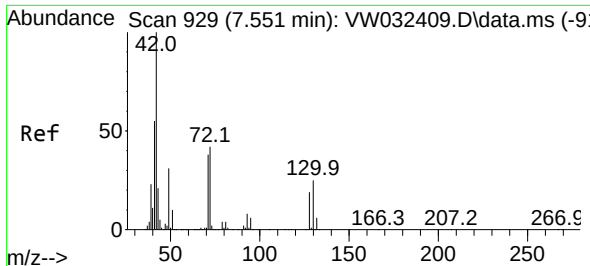
Tgt Ion: 96 Resp: 112582
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 282.6
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.413 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 49 Resp: 87888
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 67.1 56.9 85.3

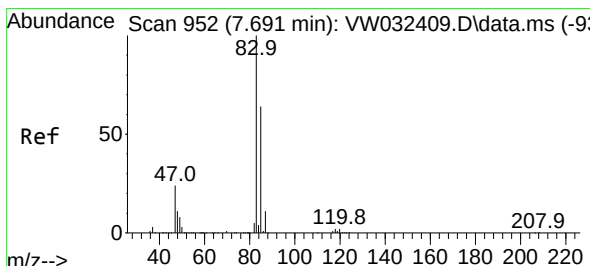
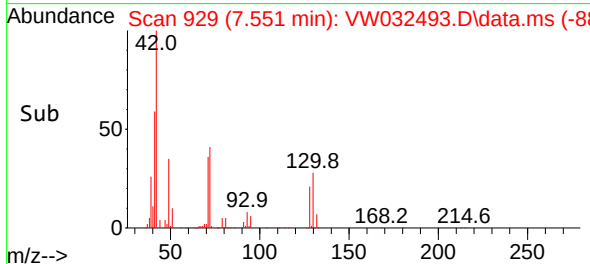
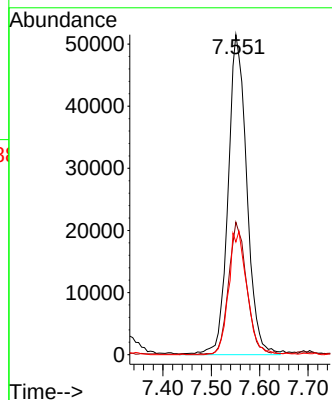
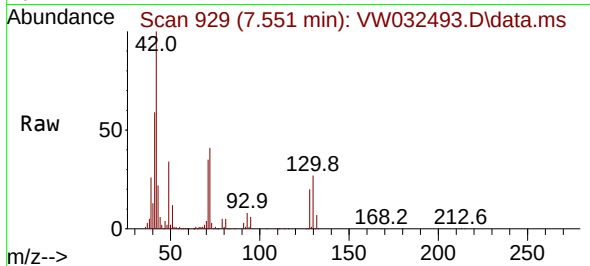




#29
Tetrahydrofuran
Concen: 106.532 ug/l
RT: 7.551 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

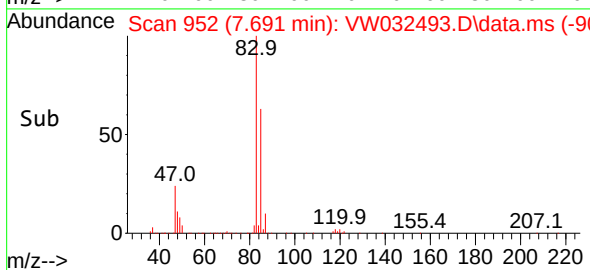
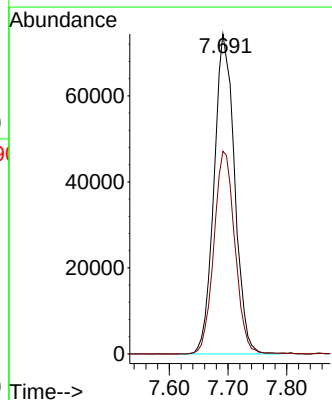
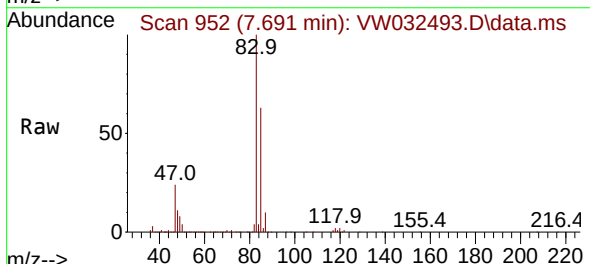
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

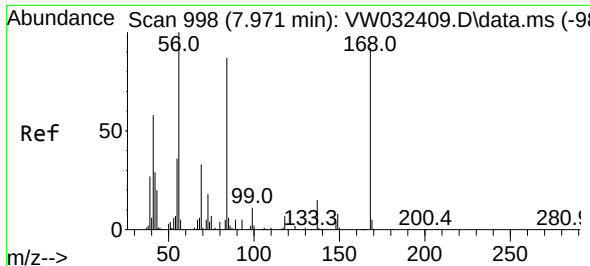
Tgt Ion: 42 Resp: 138251
Ion Ratio Lower Upper
42 100
72 40.0 33.6 50.4
71 38.3 31.4 47.0



#30
Chloroform
Concen: 22.228 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 83 Resp: 180534
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.4

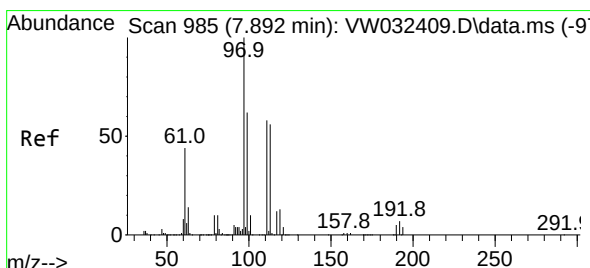
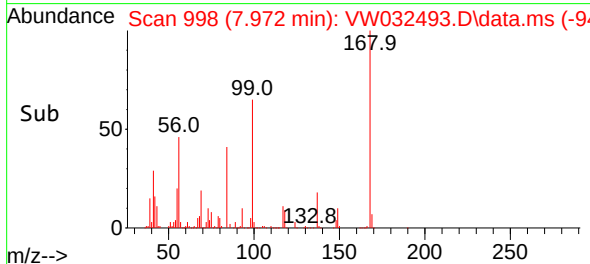
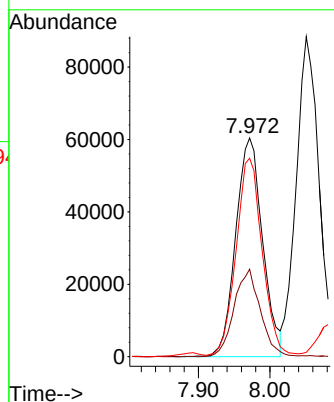
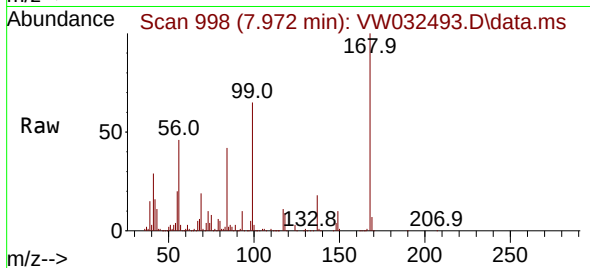




#31
Cyclohexane
Concen: 20.556 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

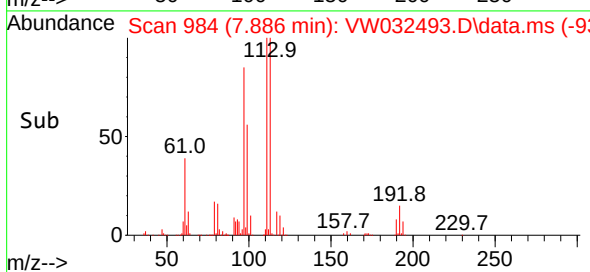
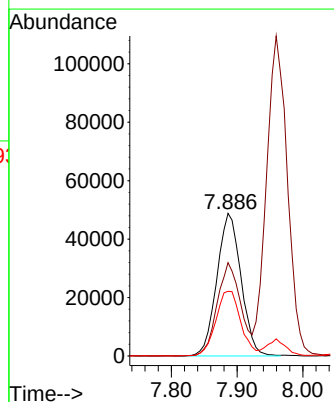
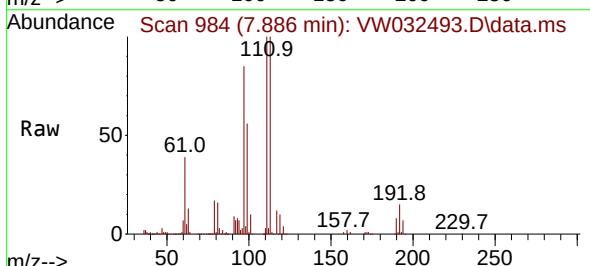
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

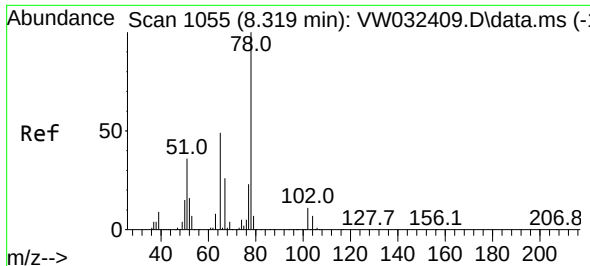
Tgt Ion: 56 Resp: 157753
Ion Ratio Lower Upper
56 100
69 40.0 26.5 39.7#
84 89.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 21.507 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 97 Resp: 124785
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 46.8 35.5 53.3

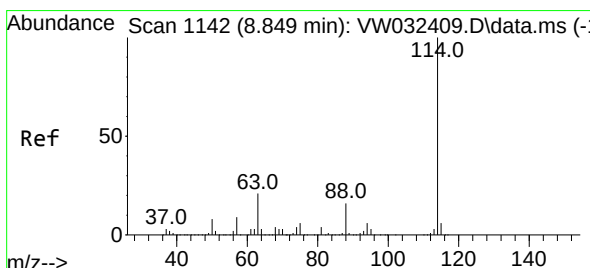
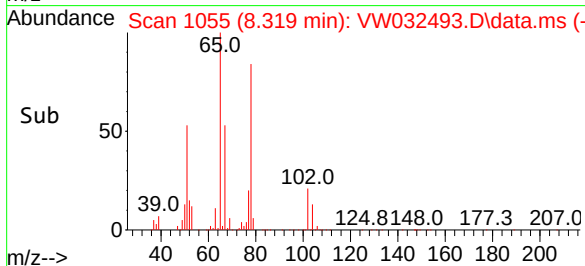
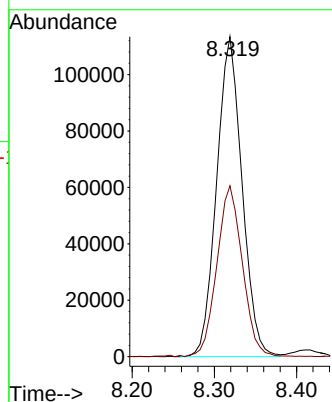
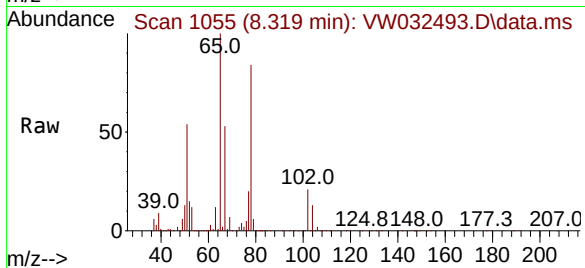




#33
 1,2-Dichloroethane-d4
 Concen: 52.502 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

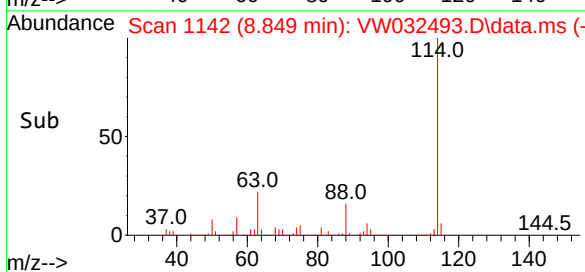
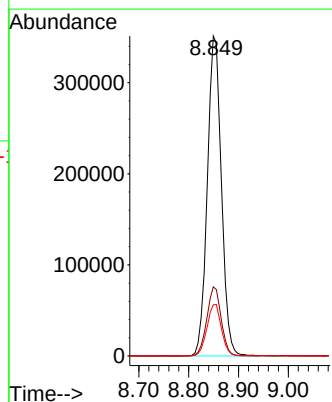
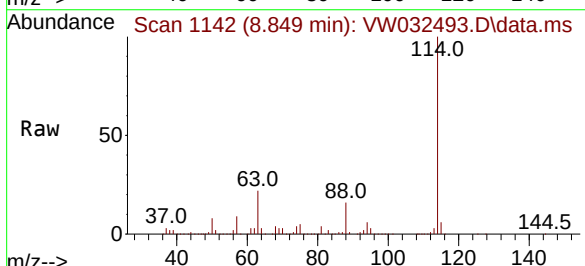
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

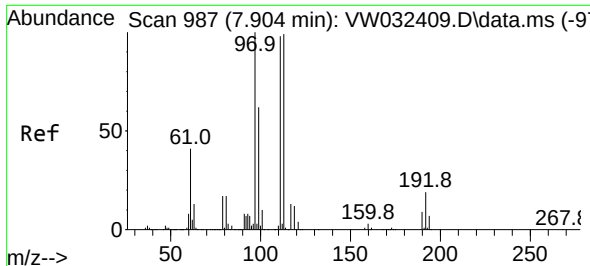
Tgt Ion: 65 Resp: 243549
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 114 Resp: 689209
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 16.0 0.0 32.6

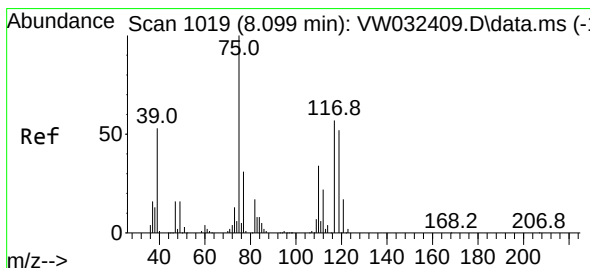
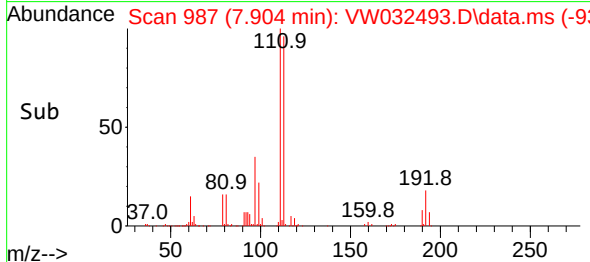
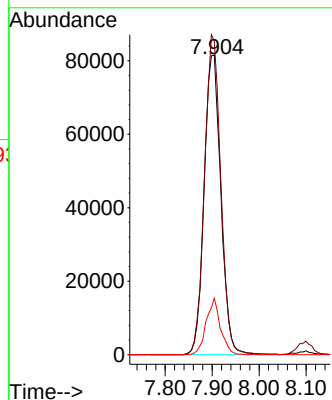
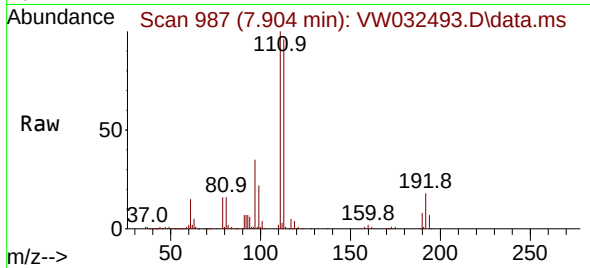




#35
 Dibromofluoromethane
 Concen: 48.705 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

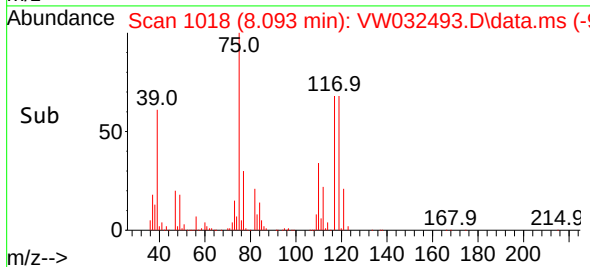
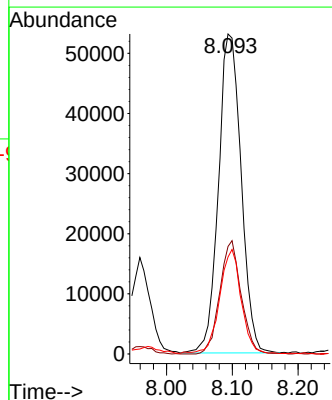
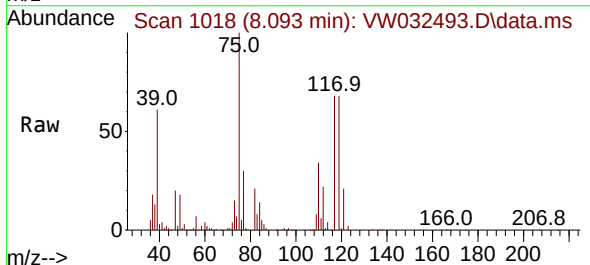
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBSD01

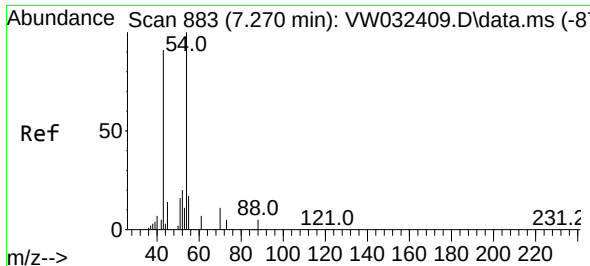
Tgt Ion:113 Resp: 200981
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.1 124.7
 192 16.0 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 20.939 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 75 Resp: 127307
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.2 51.5
 77 31.1 24.5 36.7

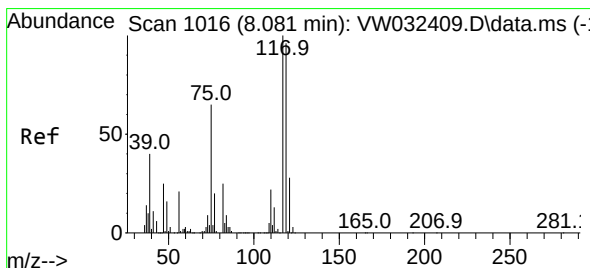
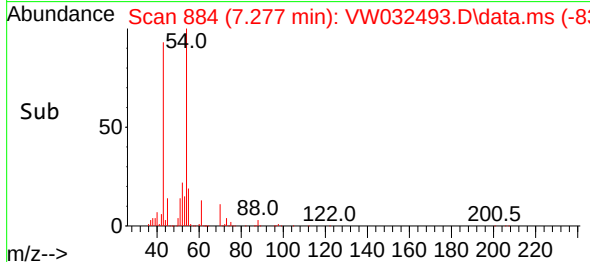
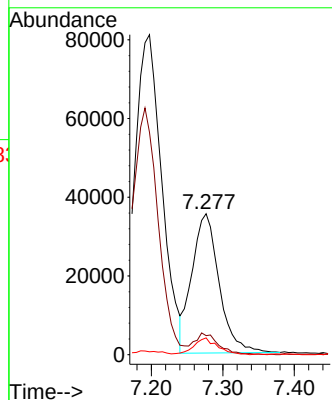
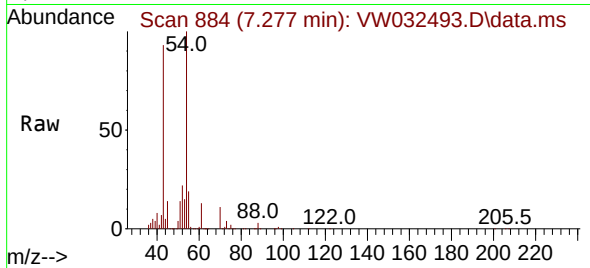




#37
Ethyl Acetate
Concen: 20.756 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

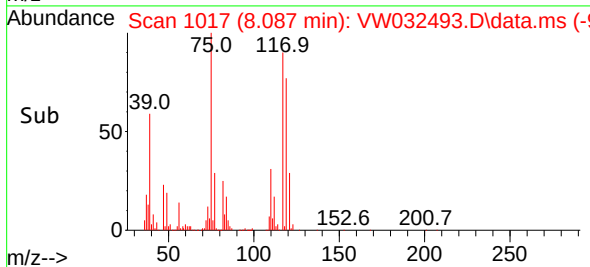
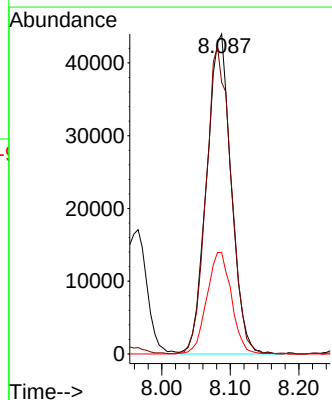
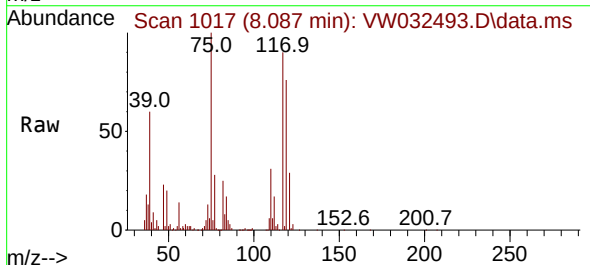
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

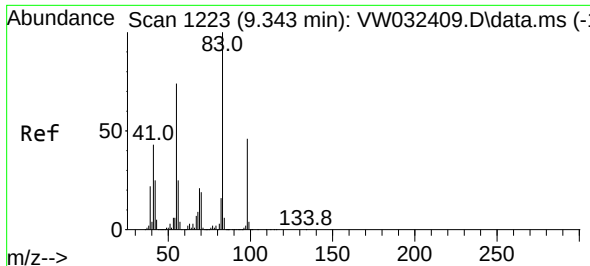
Tgt Ion: 43 Resp: 93837
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.256 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 117 Resp: 109428
Ion Ratio Lower Upper
117 100
119 84.7 77.0 115.4
121 31.6 22.0 33.0





#39

Methylcyclohexane

Concen: 19.120 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

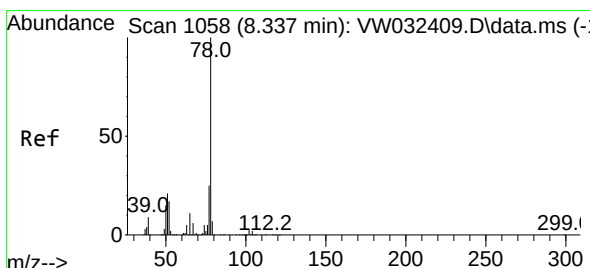
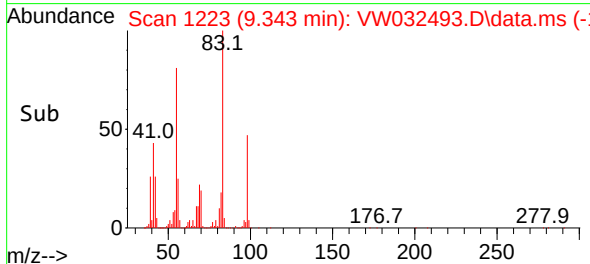
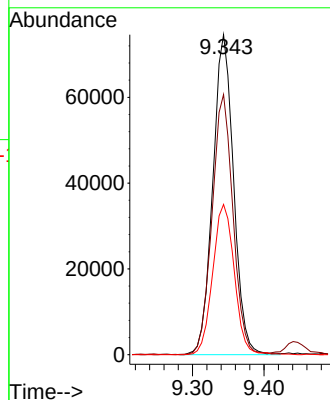
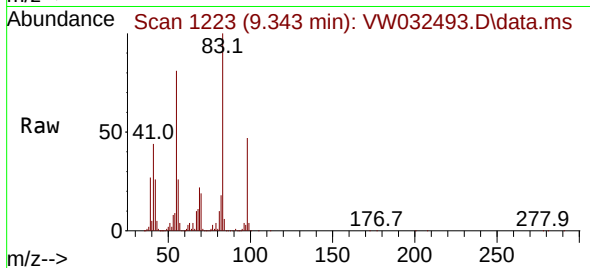
Tgt Ion: 83 Resp: 150595

Ion Ratio Lower Upper

83 100

55 81.2 59.2 88.8

98 46.9 36.6 54.8



#40

Benzene

Concen: 20.749 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032493.D

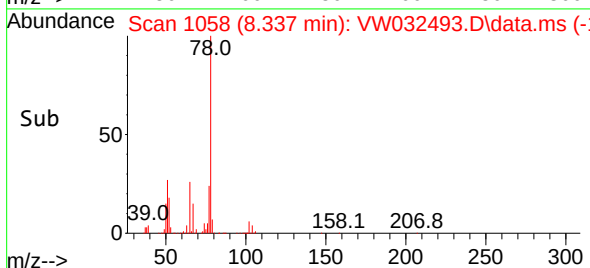
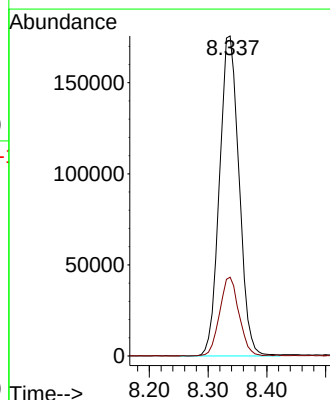
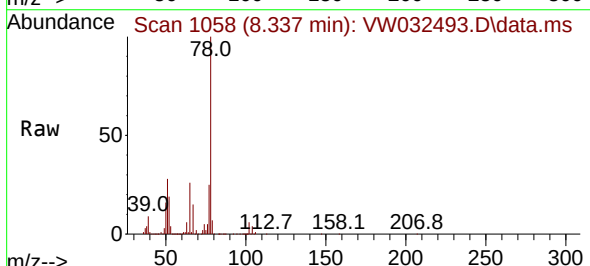
Acq: 19 Nov 2025 11:33

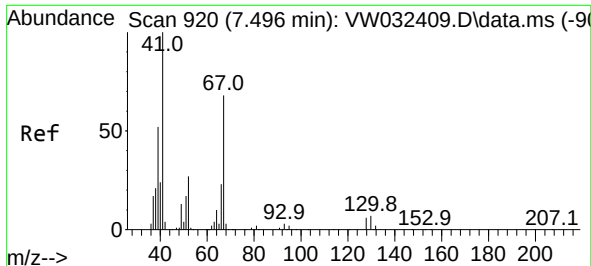
Tgt Ion: 78 Resp: 406260

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4

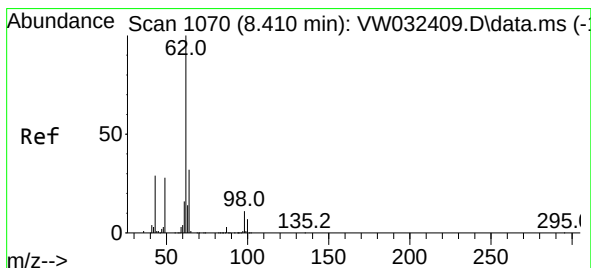
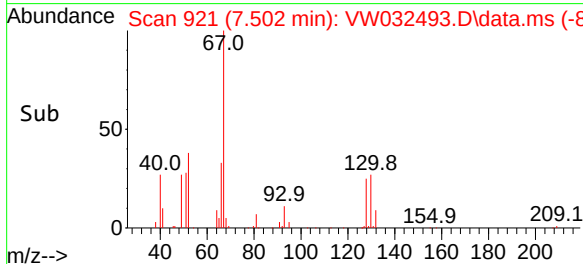
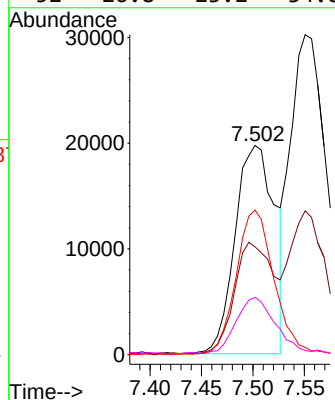
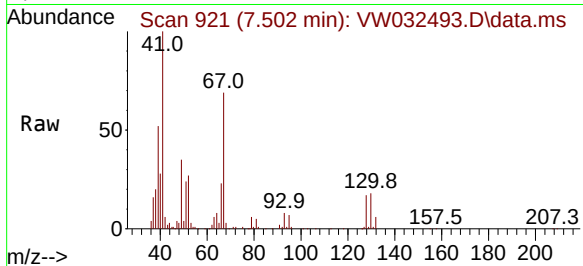




#41
Methacrylonitrile
Concen: 21.279 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

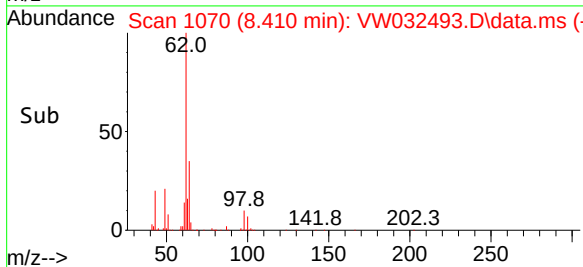
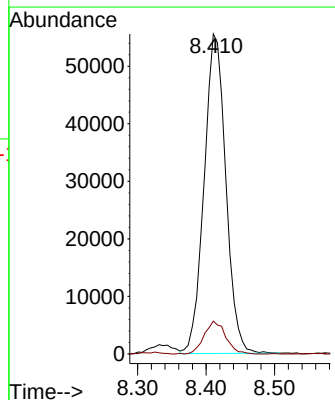
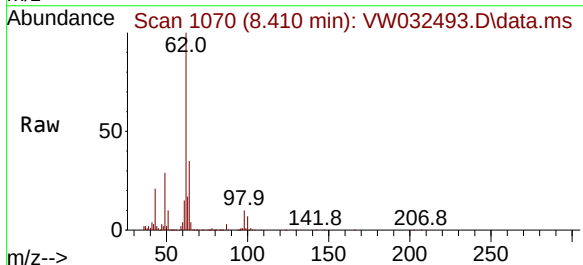
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

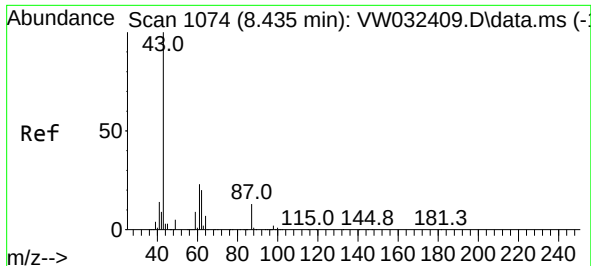
Tgt Ion:	41	Resp:	52848
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.6	66.8
67	66.6	57.6	86.4
52	26.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.332 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:	62	Resp:	122685
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

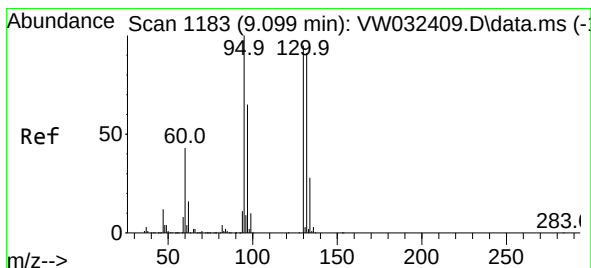
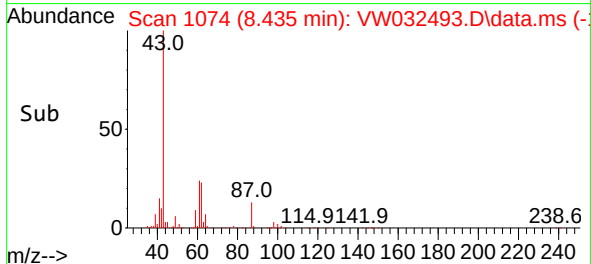
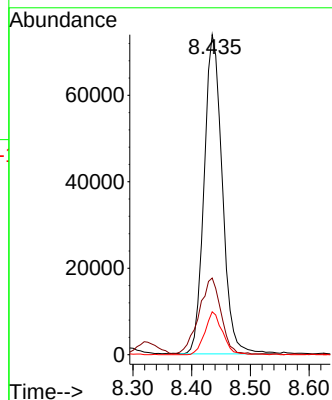
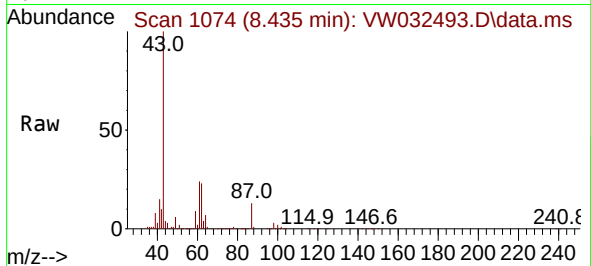




#43
Isopropyl Acetate
Concen: 19.823 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

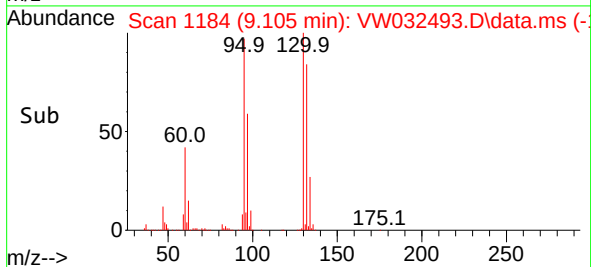
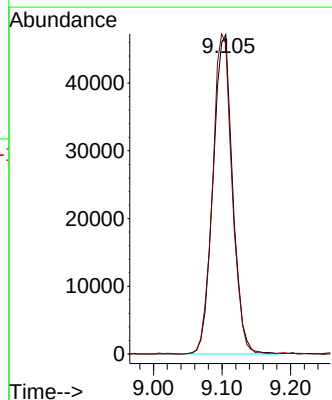
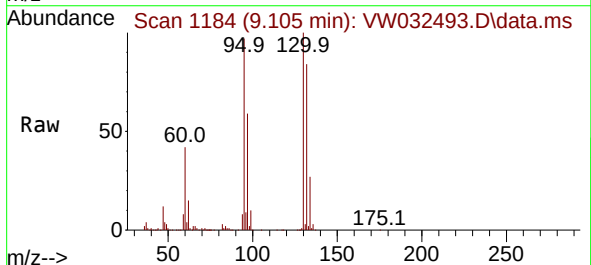
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

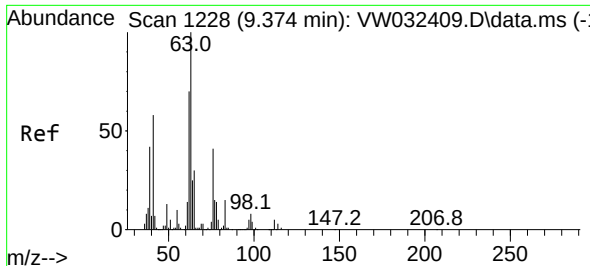
Tgt Ion: 43 Resp: 158691
Ion Ratio Lower Upper
43 100
61 29.0 22.6 33.8
87 13.0 10.6 15.8



#44
Trichloroethene
Concen: 20.486 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:130 Resp: 93336
Ion Ratio Lower Upper
130 100
95 97.2 0.0 209.6





#45

1,2-Dichloropropane

Concen: 20.852 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

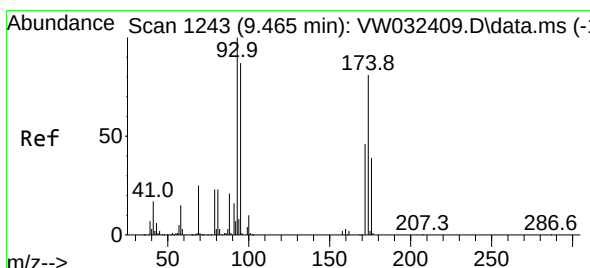
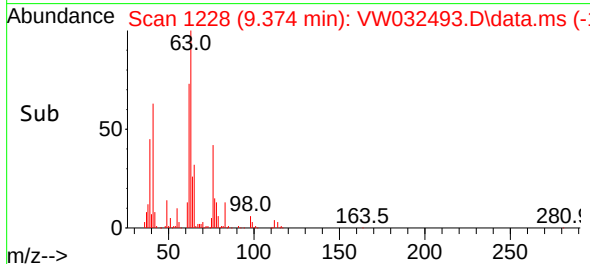
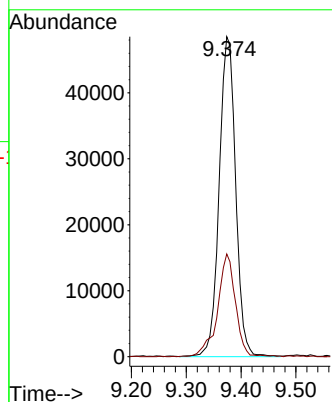
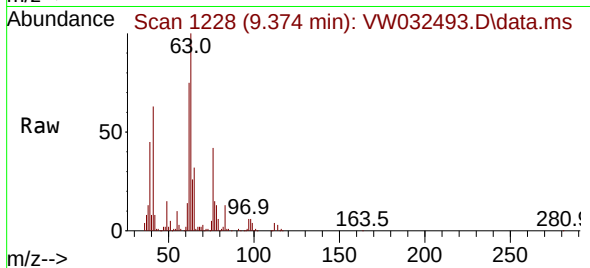
VW1119SBS01

Tgt Ion: 63 Resp: 101659

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 21.295 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

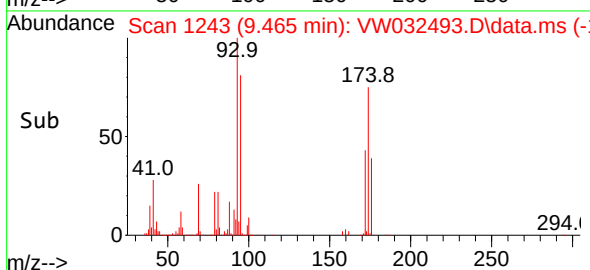
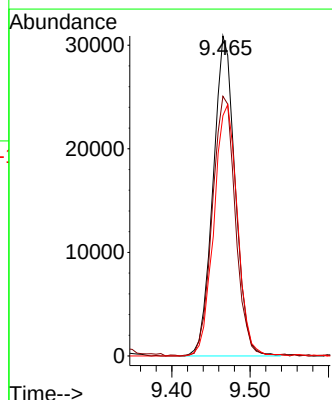
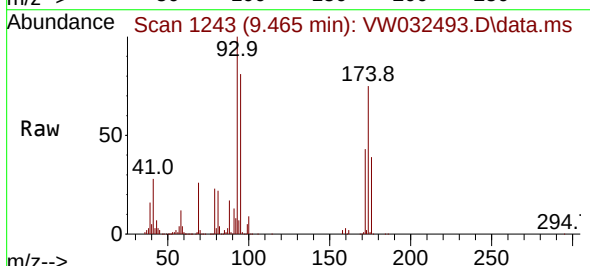
Tgt Ion: 93 Resp: 60670

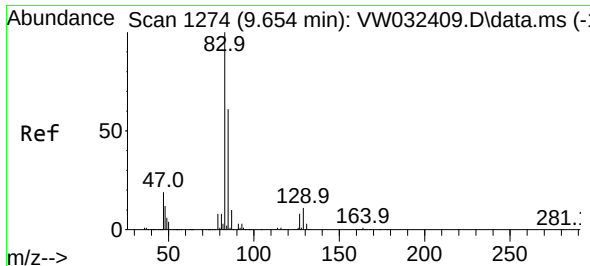
Ion Ratio Lower Upper

93 100

95 84.9 67.1 100.7

174 83.2 68.2 102.4

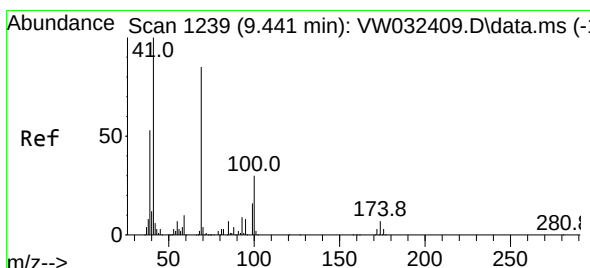
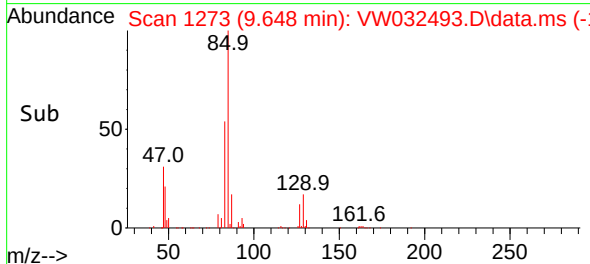
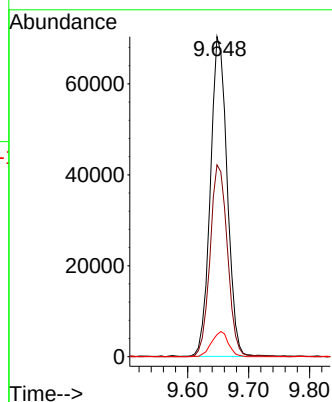
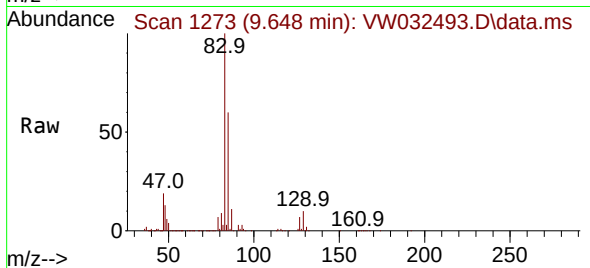




#47
Bromodichloromethane
Concen: 20.644 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

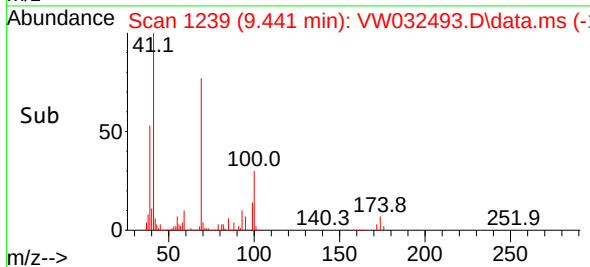
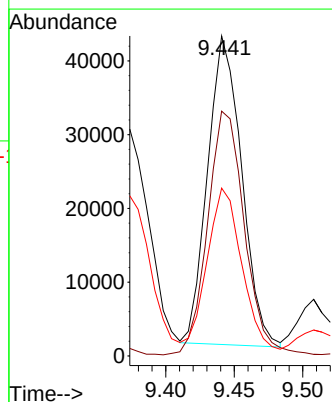
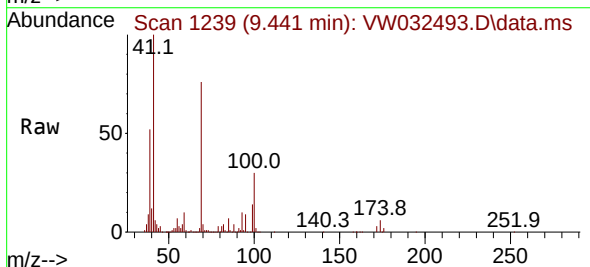
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

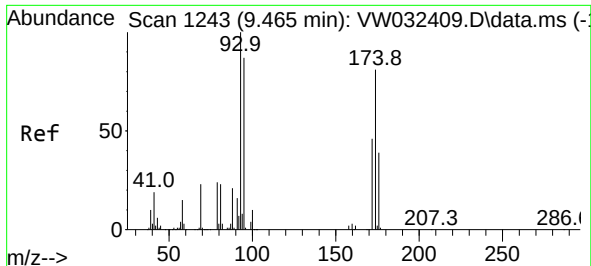
Tgt Ion: 83 Resp: 134160
Ion Ratio Lower Upper
83 100
85 60.0 48.7 73.1
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 19.011 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 41 Resp: 72320
Ion Ratio Lower Upper
41 100
69 85.7 65.8 98.6
39 52.2 38.6 57.8

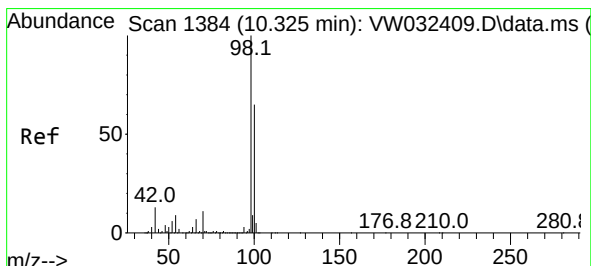
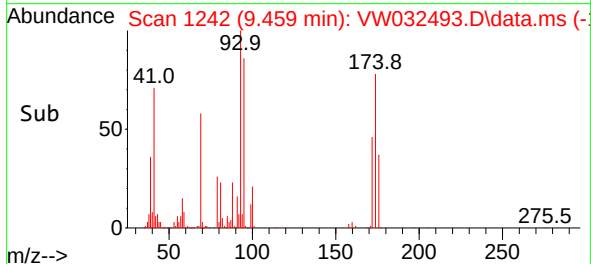
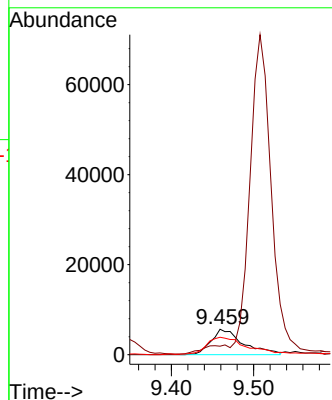
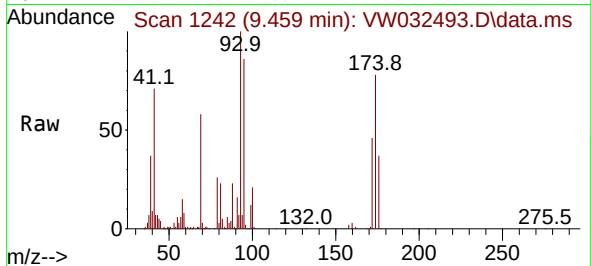




#49
 1,4-Dioxane
 Concen: 383.832 ug/l
 RT: 9.459 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

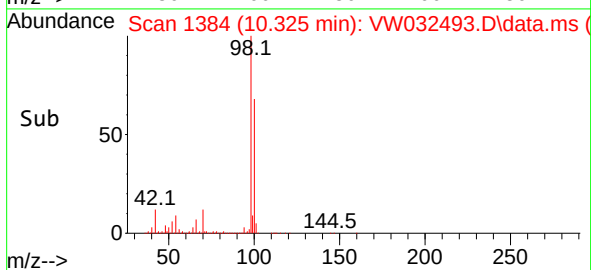
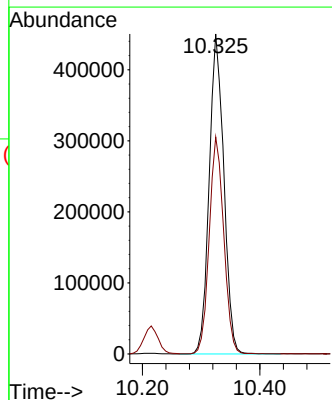
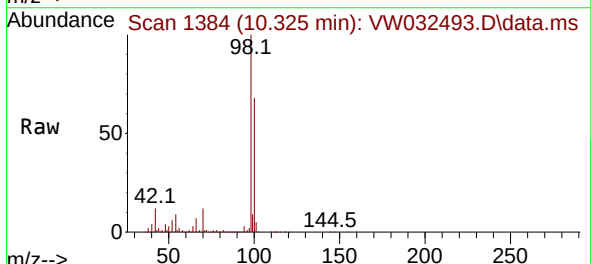
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBSD01

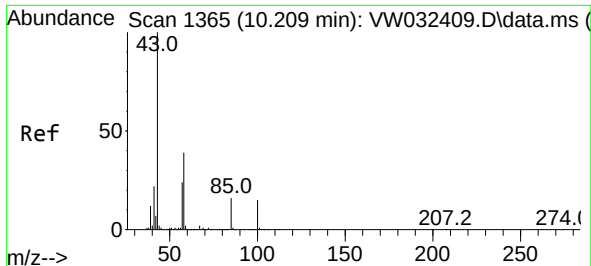
Tgt Ion: 88 Resp: 15319
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 86.8 63.0 94.4



#50
 Toluene-d8
 Concen: 49.068 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 98 Resp: 776766
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.3 79.9

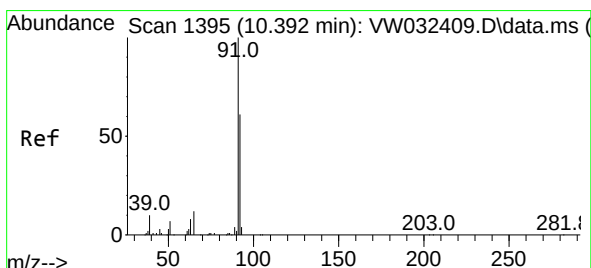
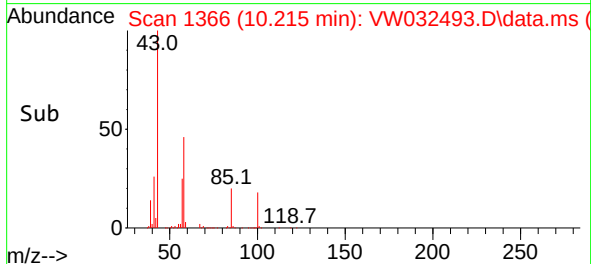
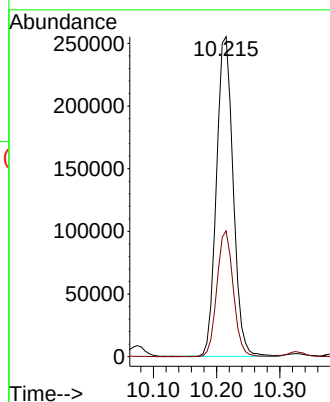
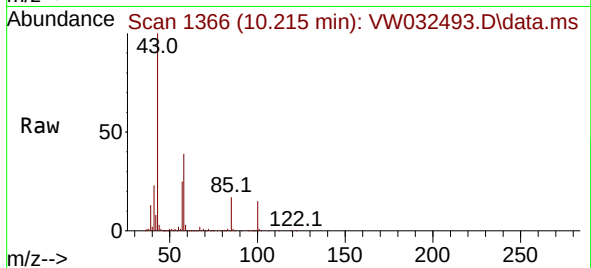




#51
4-Methyl-2-Pentanone
Concen: 105.557 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

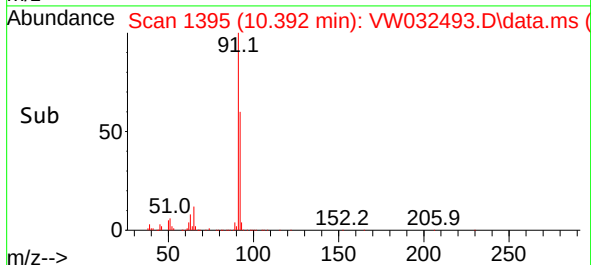
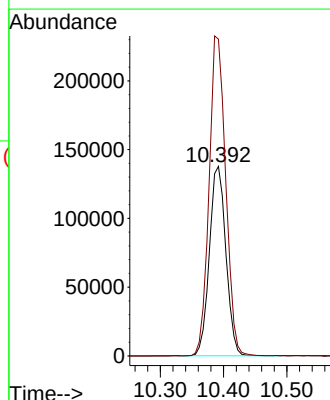
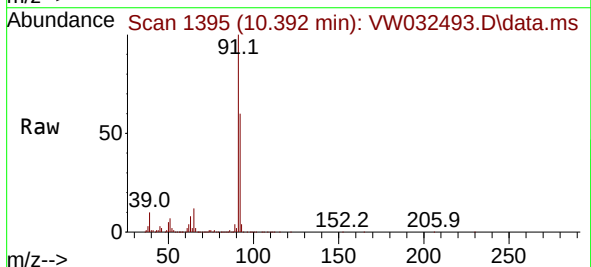
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

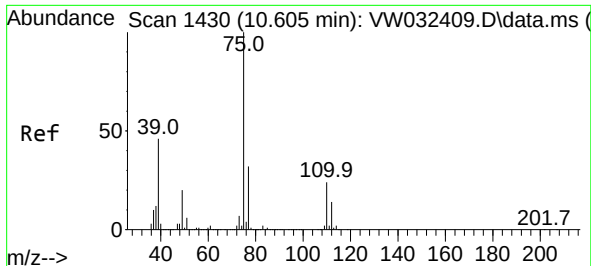
Tgt Ion: 43 Resp: 467147
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 20.630 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 92 Resp: 249502
Ion Ratio Lower Upper
92 100
91 170.1 136.6 205.0

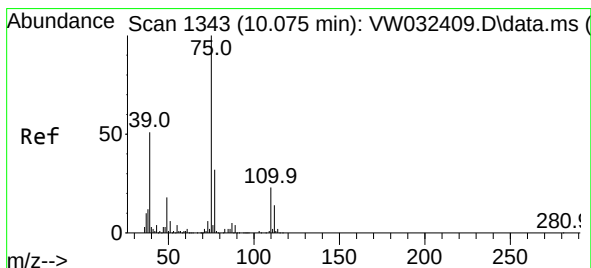
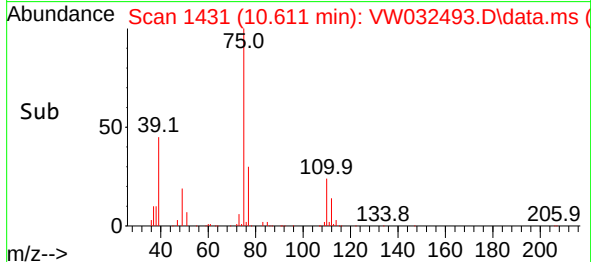
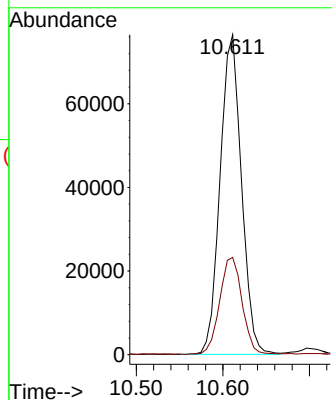
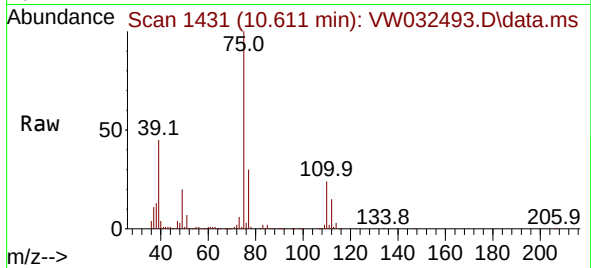




#53
 t-1,3-Dichloropropene
 Concen: 19.591 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

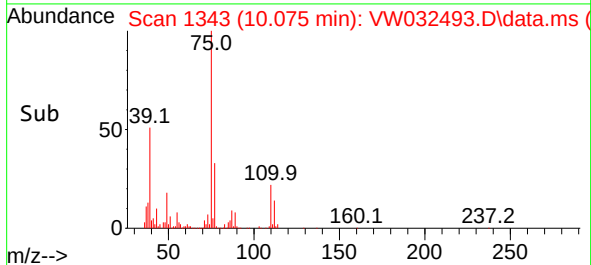
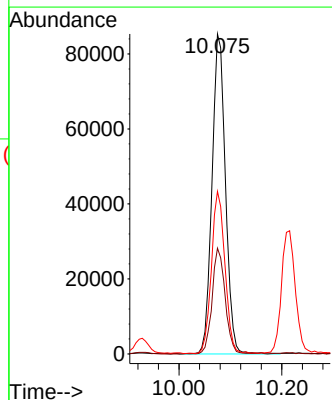
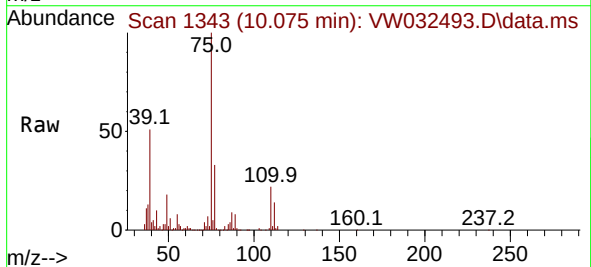
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

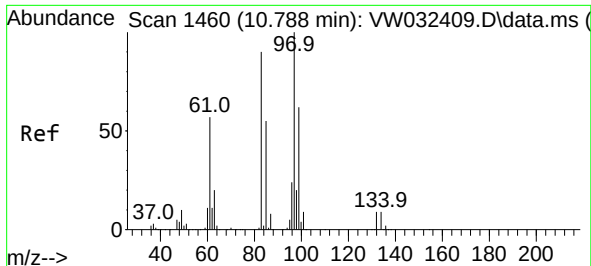
Tgt Ion: 75 Resp: 131119
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.029 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion: 75 Resp: 155020
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4
 39 50.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 21.103 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

Tgt Ion: 97 Resp: 82477

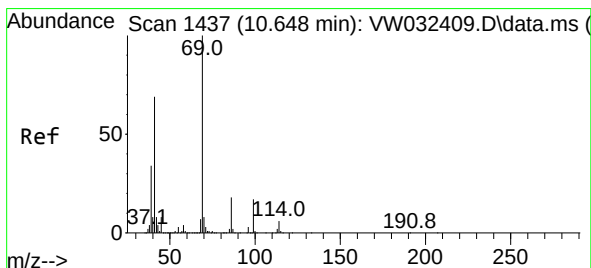
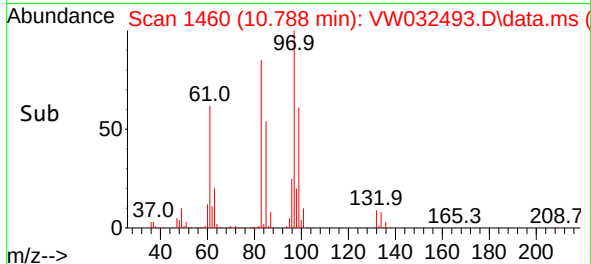
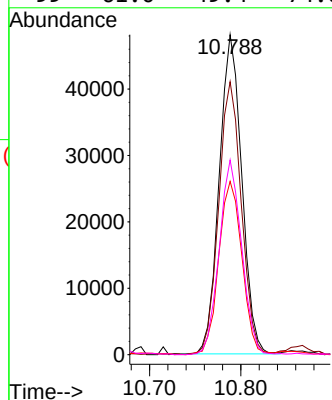
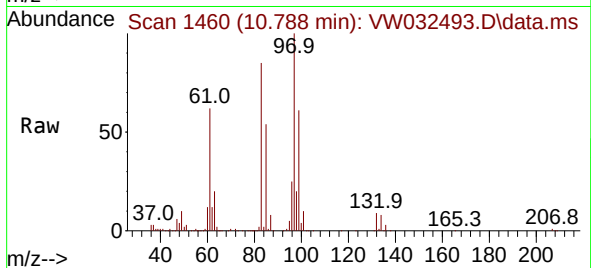
Ion Ratio Lower Upper

97 100

83 85.4 72.2 108.4

85 54.1 43.8 65.8

99 61.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 19.291 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

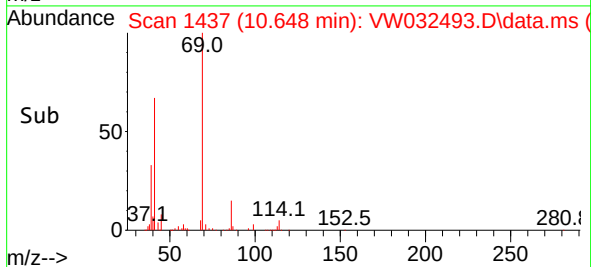
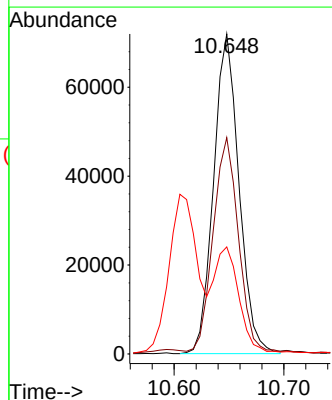
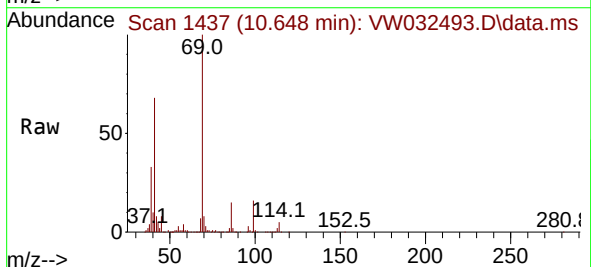
Tgt Ion: 69 Resp: 115683

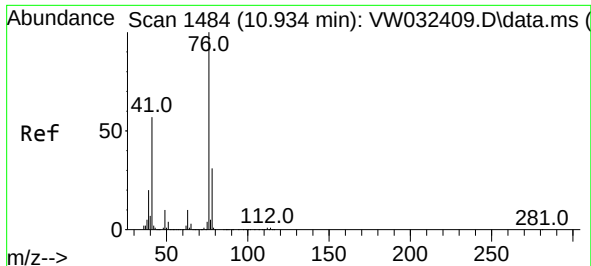
Ion Ratio Lower Upper

69 100

41 67.9 54.4 81.6

39 32.7 25.4 38.0

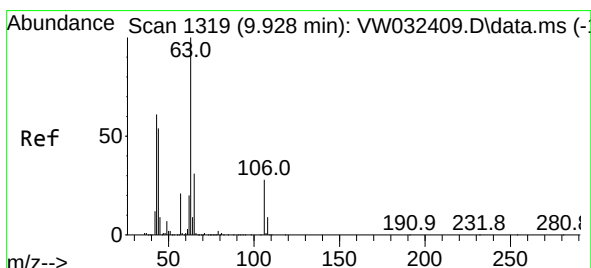
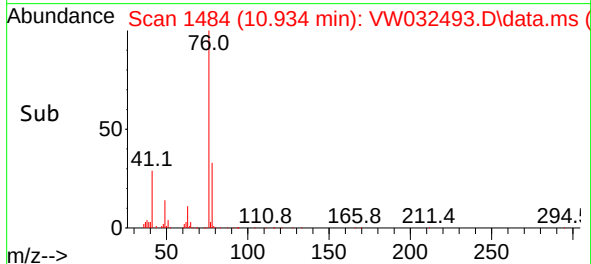
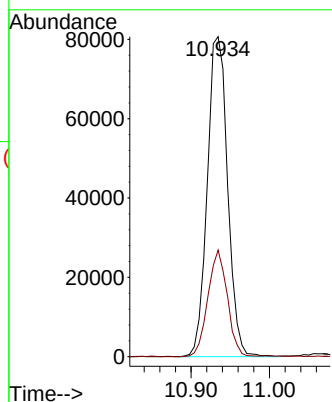
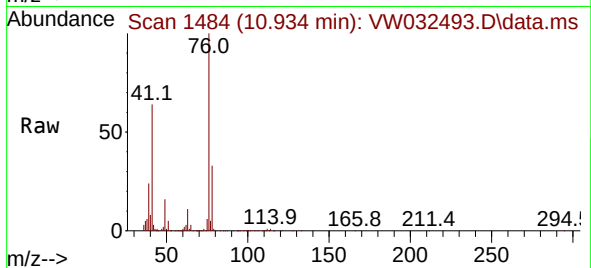




#57
1,3-Dichloropropane
Concen: 20.853 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

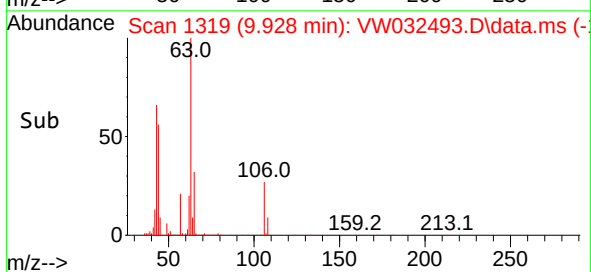
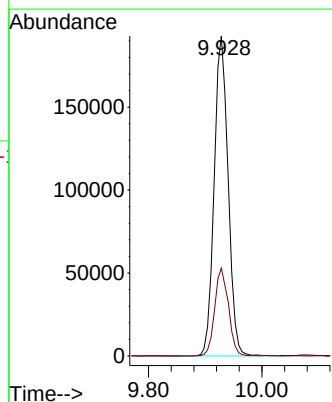
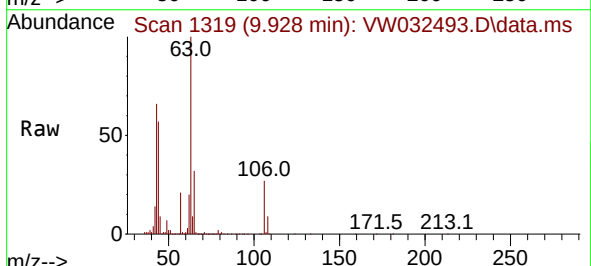
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

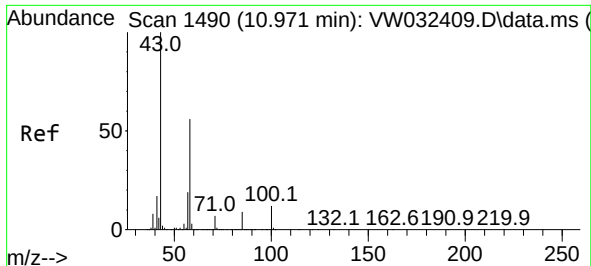
Tgt Ion: 76 Resp: 145564
Ion Ratio Lower Upper
76 100
78 31.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 103.145 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 63 Resp: 329399
Ion Ratio Lower Upper
63 100
106 27.0 22.0 33.0

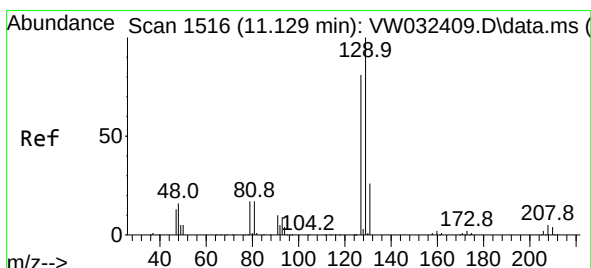
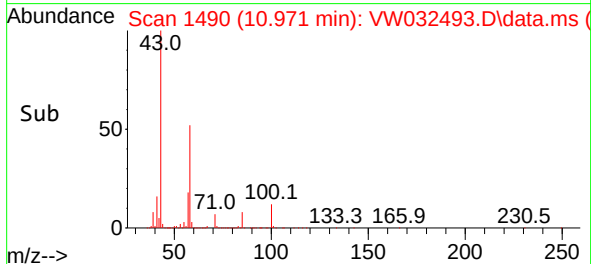
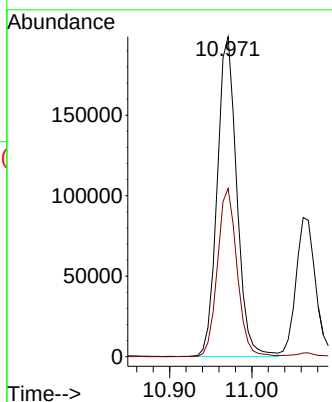
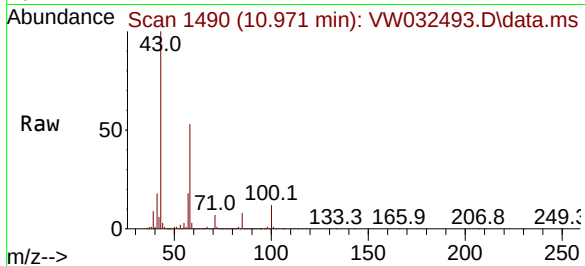




#59
2-Hexanone
Concen: 101.435 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

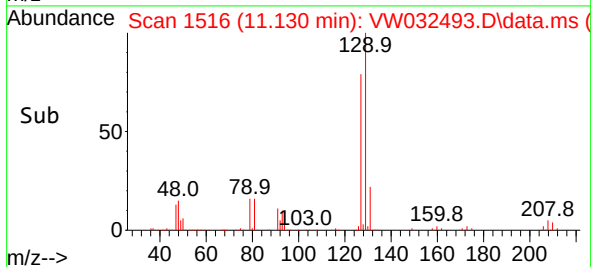
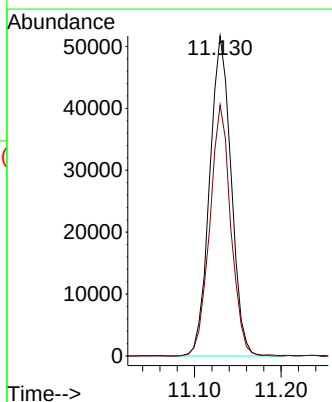
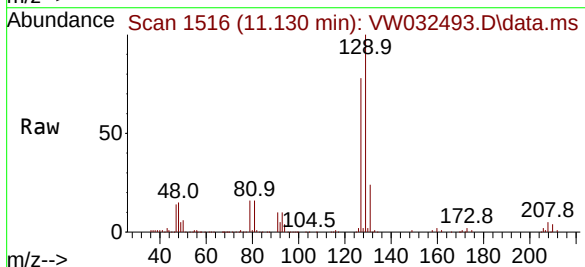
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

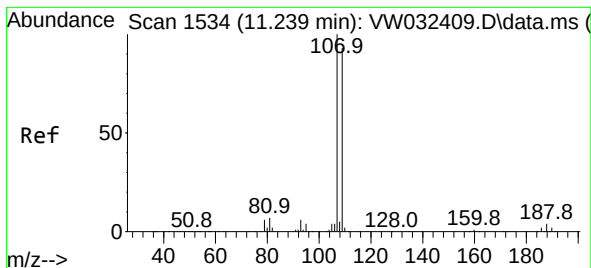
Tgt Ion: 43 Resp: 328435
Ion Ratio Lower Upper
43 100
58 52.8 27.4 82.2



#60
Dibromochloromethane
Concen: 20.389 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:129 Resp: 88991
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

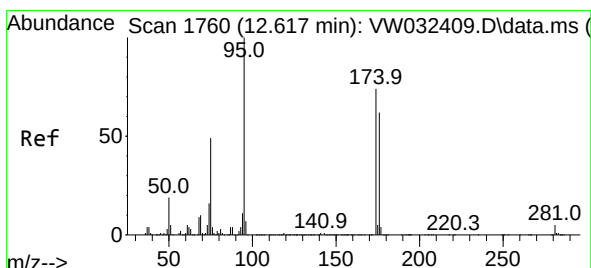
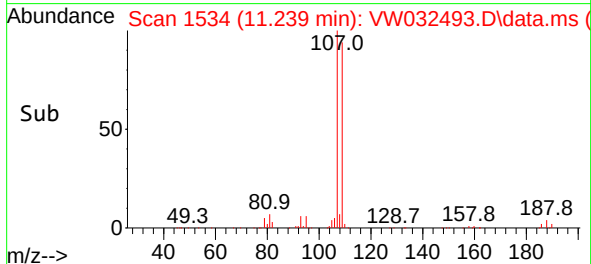
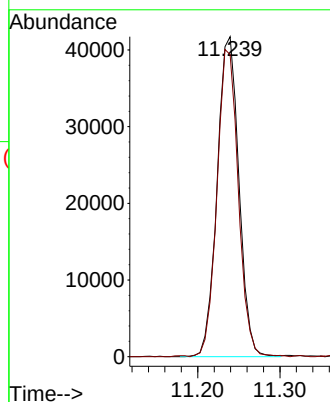
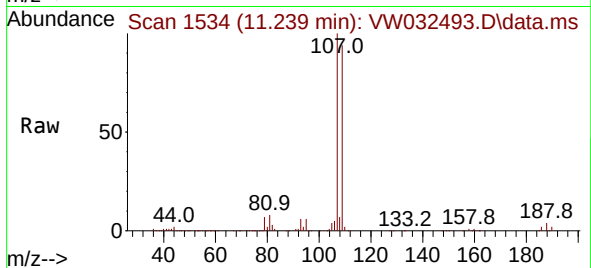




#61
1,2-Dibromoethane
Concen: 20.156 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

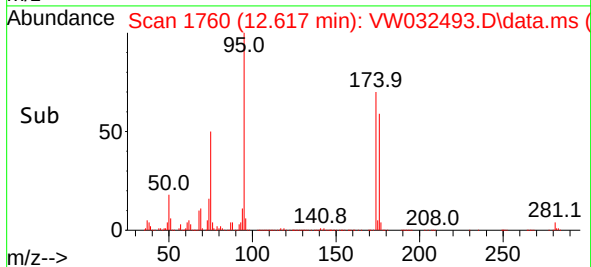
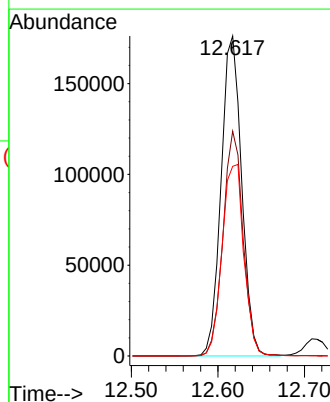
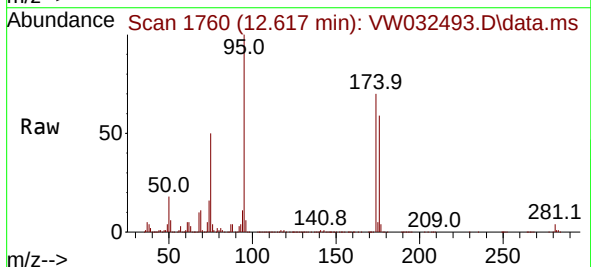
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

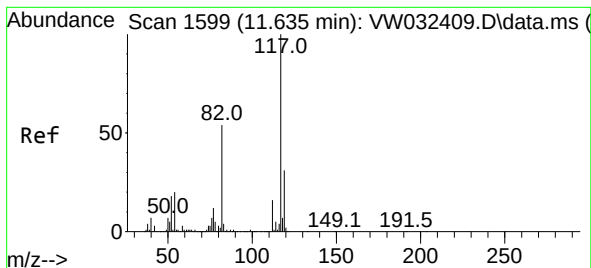
Tgt Ion:107 Resp: 76725
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.504 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 95 Resp: 290059
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.4
176 63.7 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

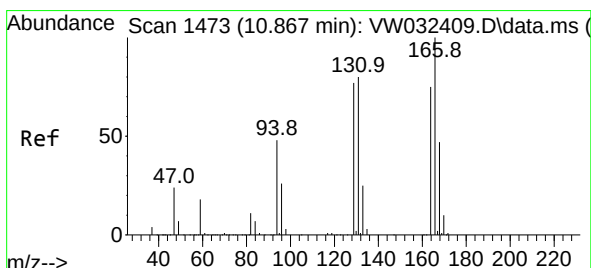
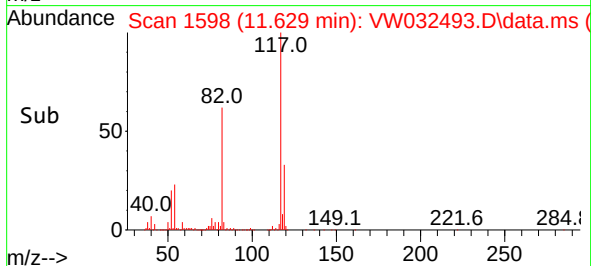
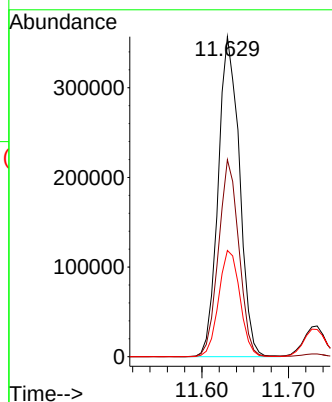
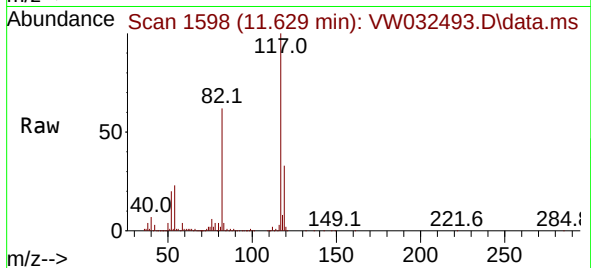
Tgt Ion:117 Resp: 607735

Ion Ratio Lower Upper

117 100

82 61.5 43.0 64.4

119 33.2 25.0 37.6



#64

Tetrachloroethene

Concen: 21.388 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Tgt Ion:164 Resp: 76972

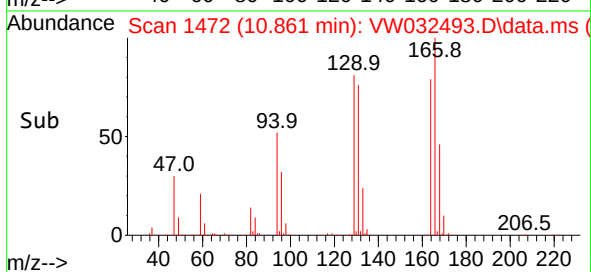
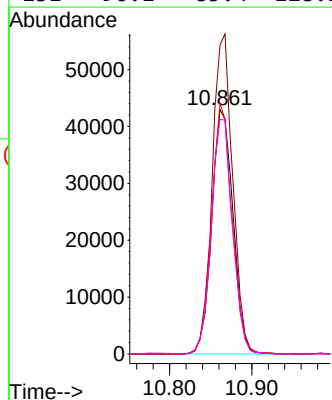
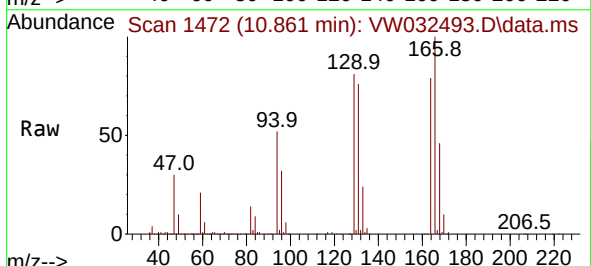
Ion Ratio Lower Upper

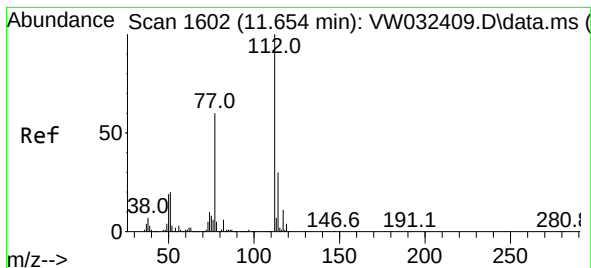
164 100

166 126.6 107.0 160.4

129 102.7 82.9 124.3

131 96.1 85.4 128.2





#65

Chlorobenzene

Concen: 21.203 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

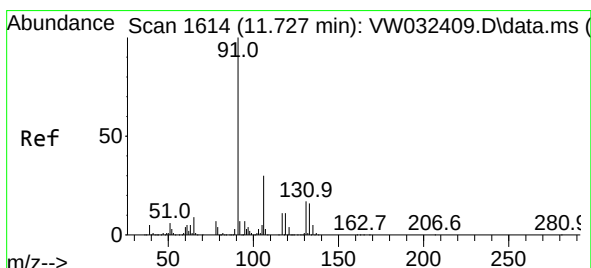
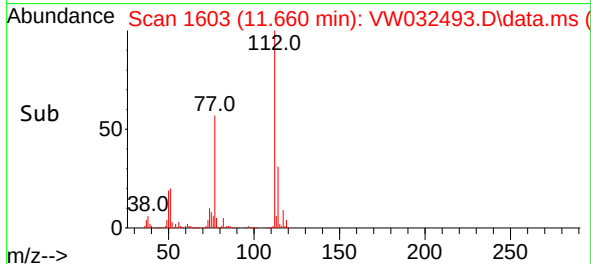
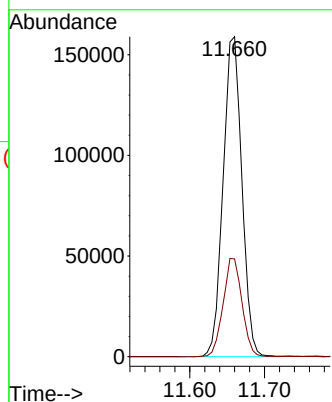
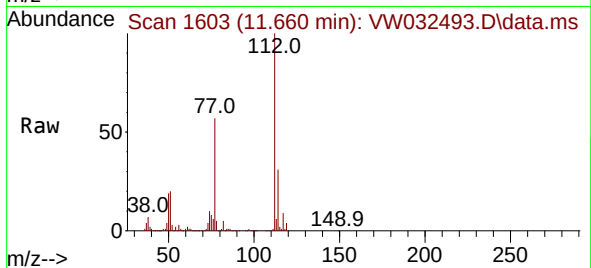
VW1119SBSD01

Tgt Ion:112 Resp: 277740

Ion Ratio Lower Upper

112 100

114 30.5 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.082 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

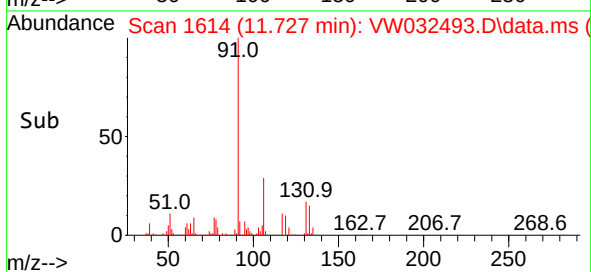
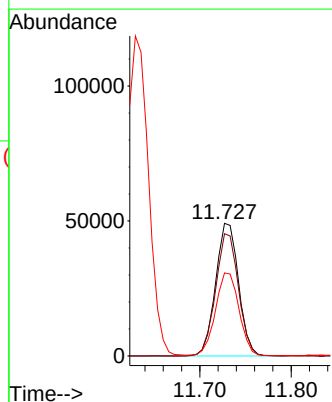
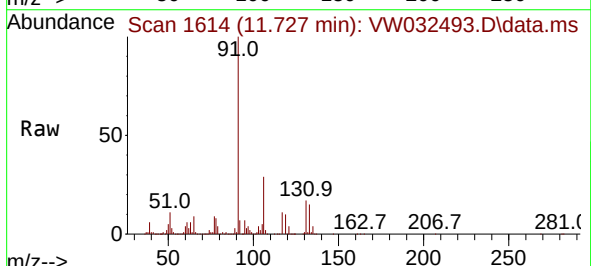
Tgt Ion:131 Resp: 85463

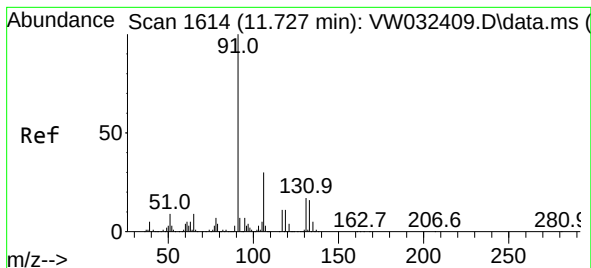
Ion Ratio Lower Upper

131 100

133 92.5 46.9 140.6

119 64.7 33.4 100.2

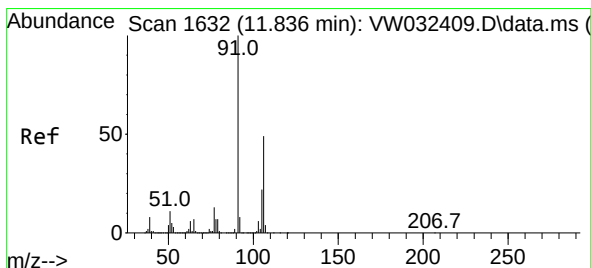
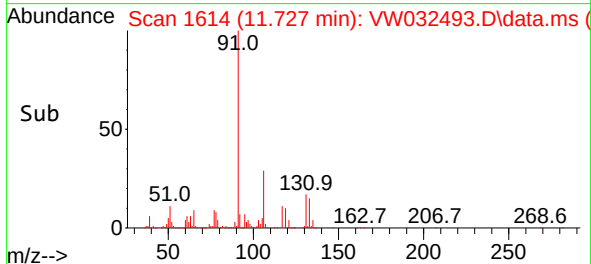
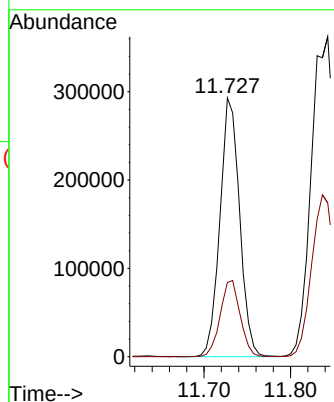
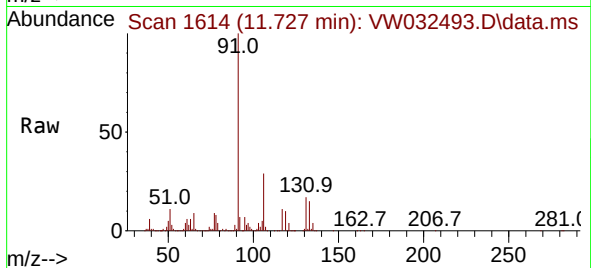




#67
Ethyl Benzene
Concen: 20.410 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

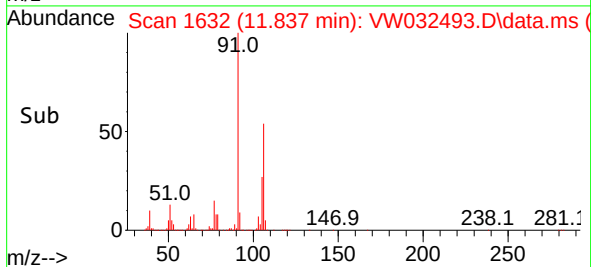
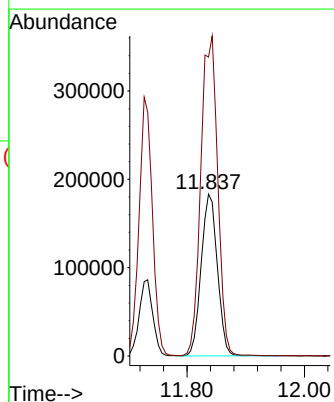
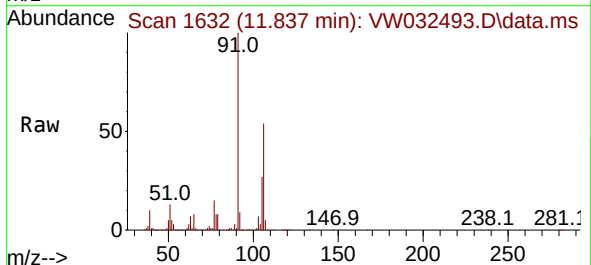
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

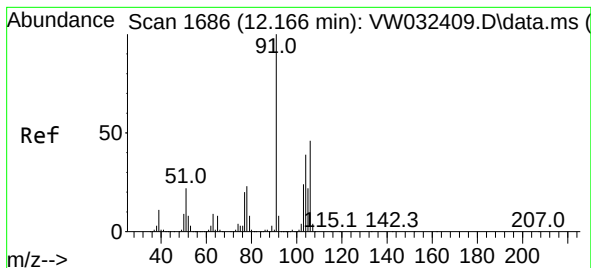
Tgt Ion: 91 Resp: 462585
Ion Ratio Lower Upper
91 100
106 28.7 24.2 36.2



#68
m/p-Xylenes
Concen: 41.088 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:106 Resp: 349649
Ion Ratio Lower Upper
106 100
91 207.0 165.5 248.3

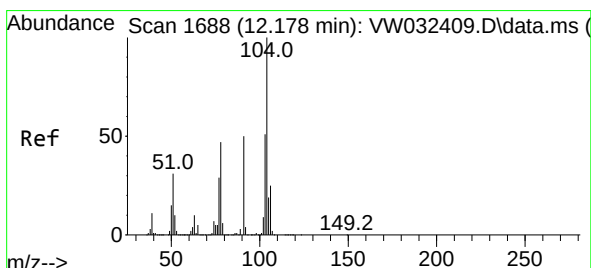
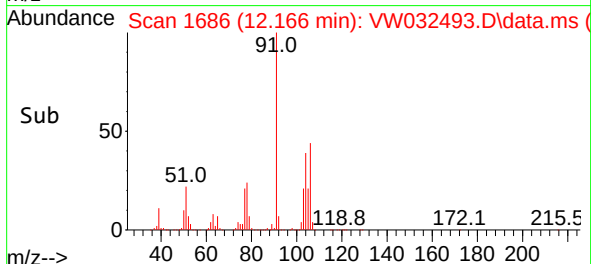
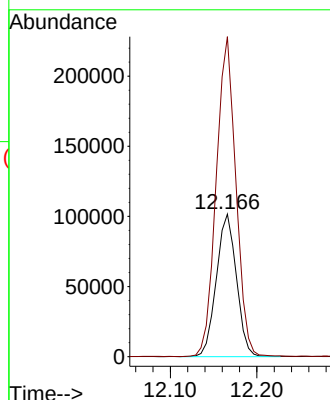
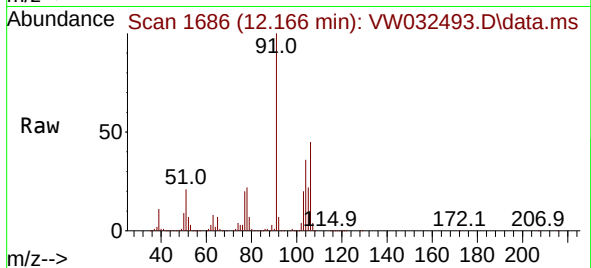




#69
o-Xylene
Concen: 20.051 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

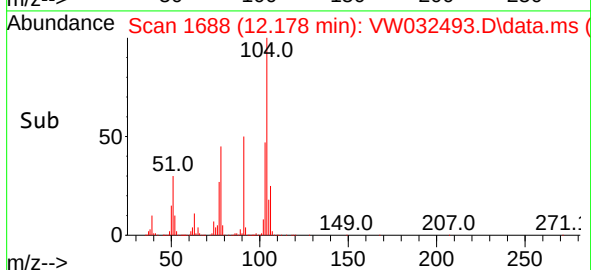
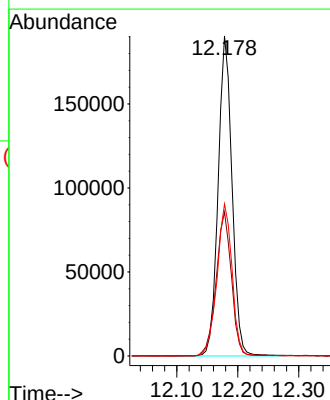
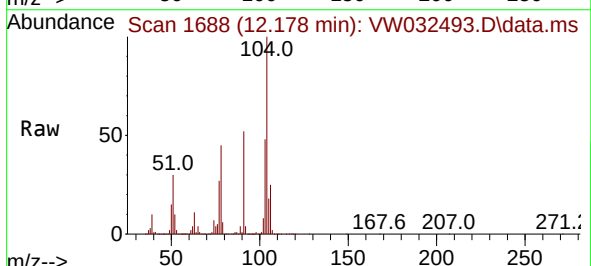
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

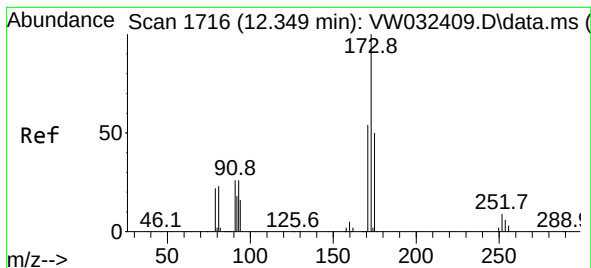
Tgt Ion:106 Resp: 163377
Ion Ratio Lower Upper
106 100
91 220.6 109.3 327.8



#70
Styrene
Concen: 21.458 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:104 Resp: 300762
Ion Ratio Lower Upper
104 100
78 49.2 40.7 61.1
103 51.5 43.9 65.9





#71

Bromoform

Concen: 20.147 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

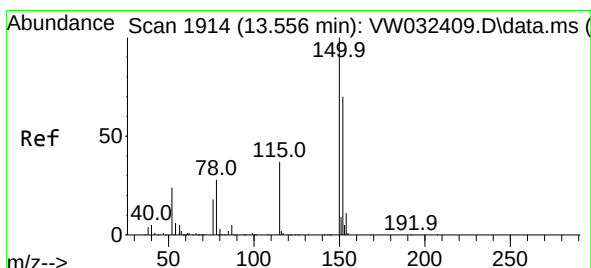
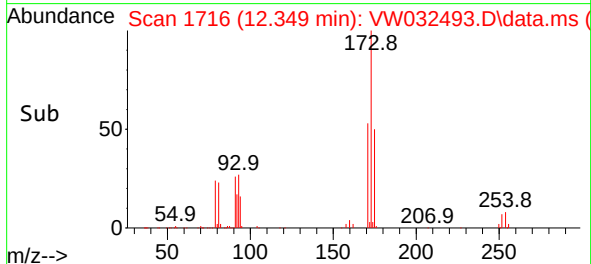
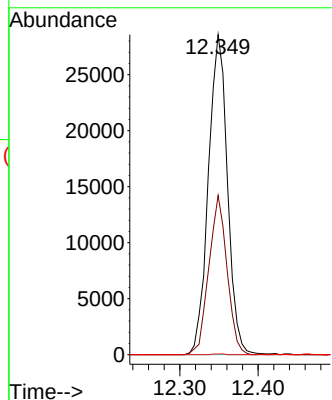
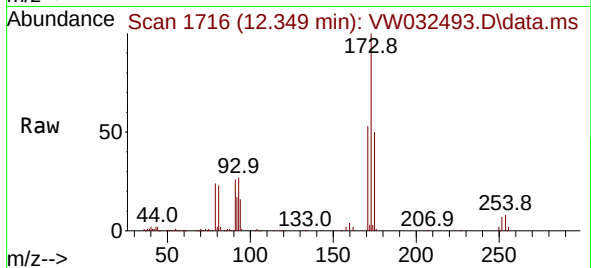
Tgt Ion:173 Resp: 48376

Ion Ratio Lower Upper

173 100

175 47.3 25.1 75.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

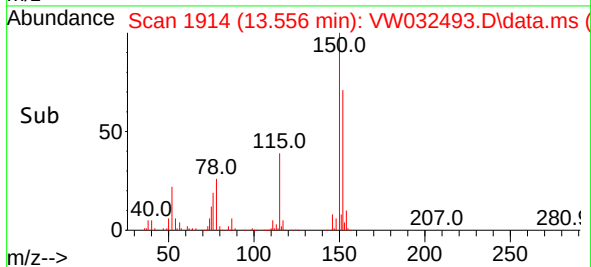
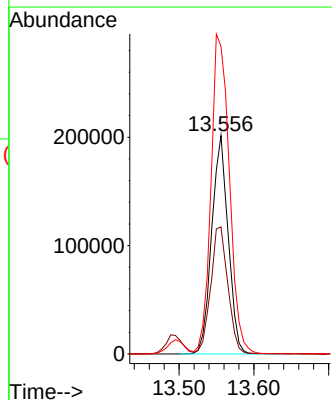
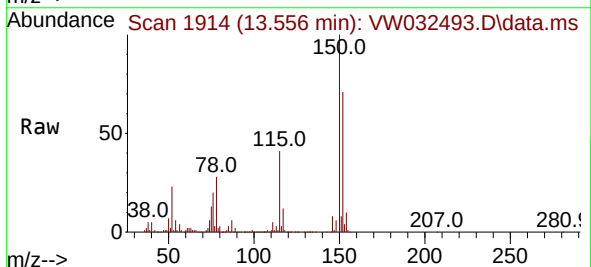
Tgt Ion:152 Resp: 308754

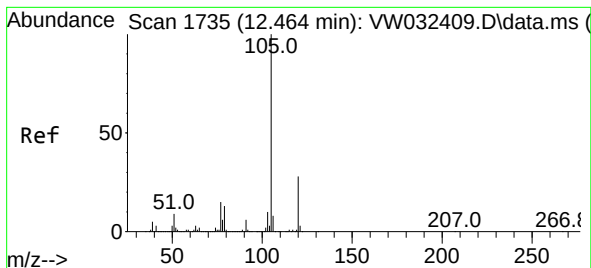
Ion Ratio Lower Upper

152 100

115 60.7 32.8 98.3

150 162.7 0.0 356.6

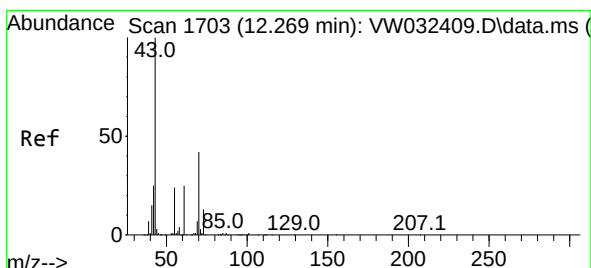
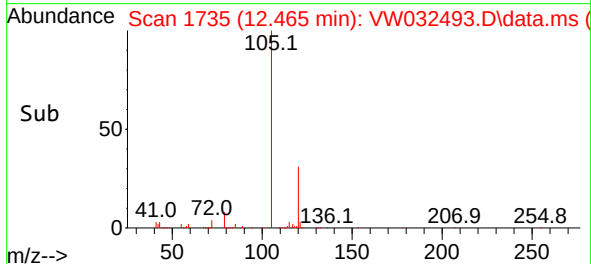
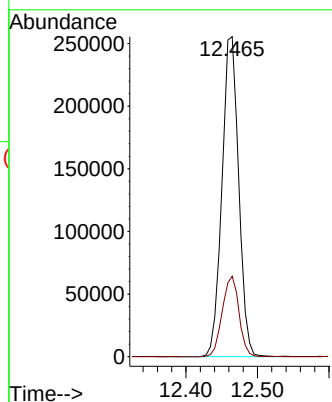
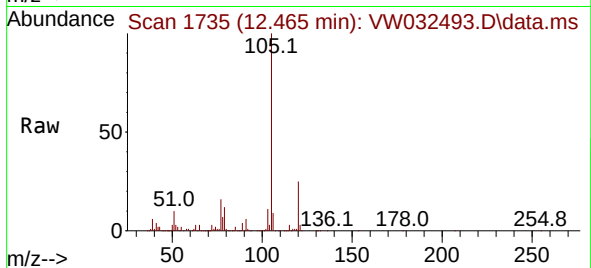




#73
Isopropylbenzene
Concen: 18.325 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

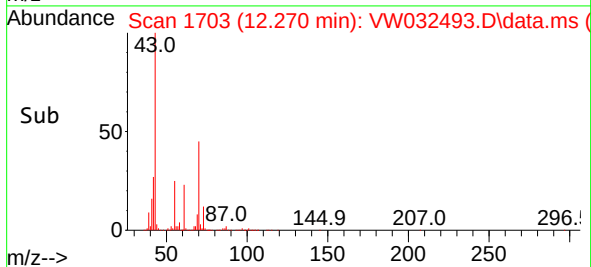
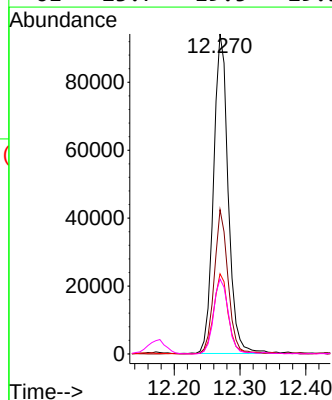
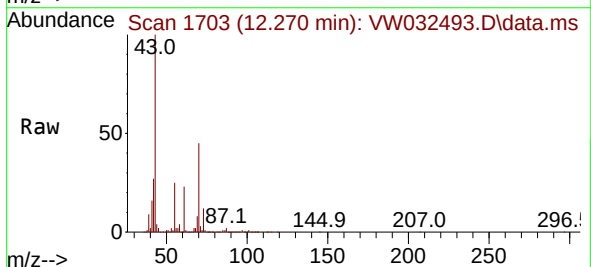
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

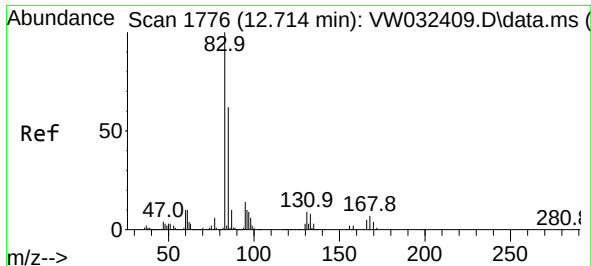
Tgt Ion:105 Resp: 415533
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.5



#74
N-ethyl acetate
Concen: 18.591 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 43 Resp: 146488
Ion Ratio Lower Upper
43 100
70 43.0 33.5 50.3
55 25.1 19.3 28.9
61 23.7 19.5 29.3

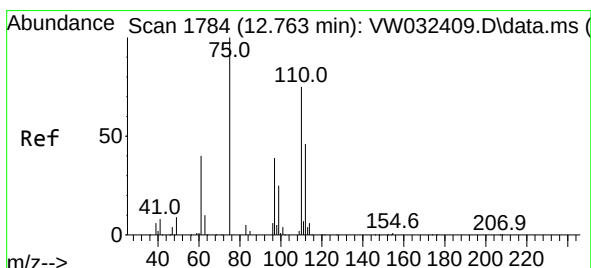
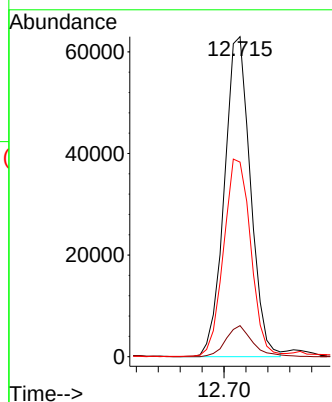
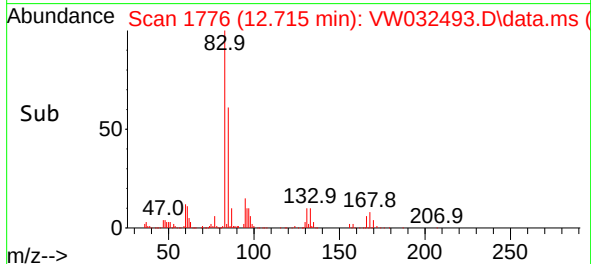
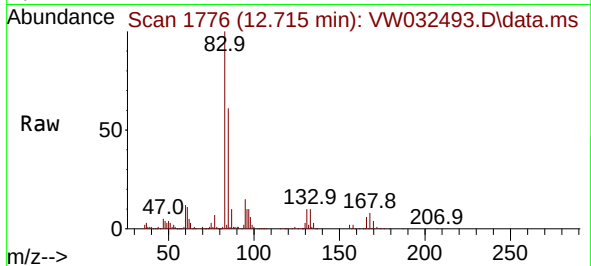




#75
1,1,2,2-Tetrachloroethane
Concen: 19.329 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

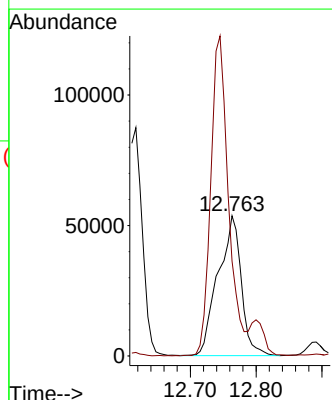
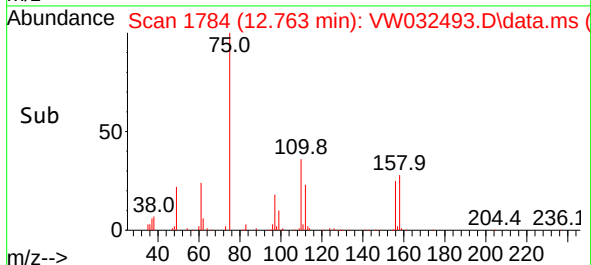
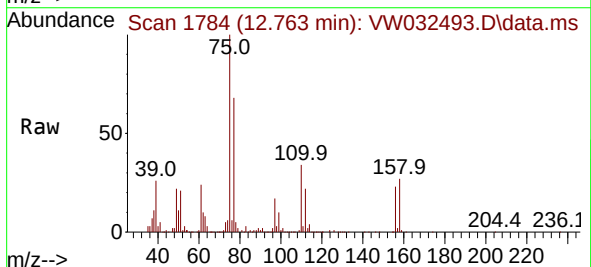
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

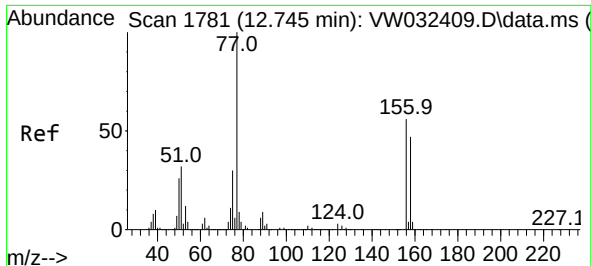
Tgt Ion: 83 Resp: 104018
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 31.056 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 75 Resp: 131476
Ion Ratio Lower Upper
75 100
77 173.2 151.6 454.8

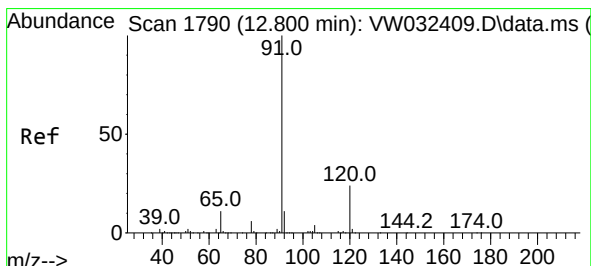
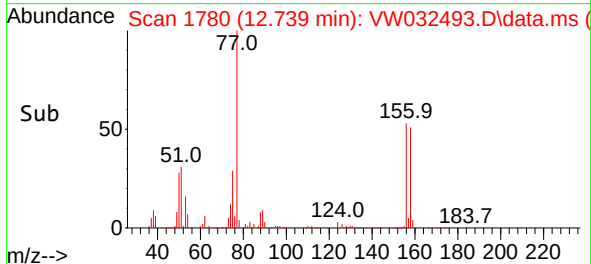
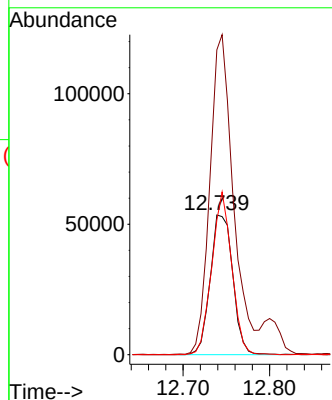
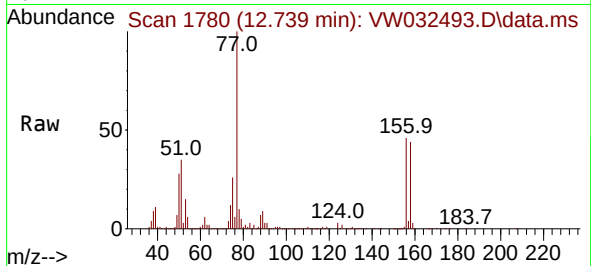




#77
Bromobenzene
Concen: 18.047 ug/l
RT: 12.739 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

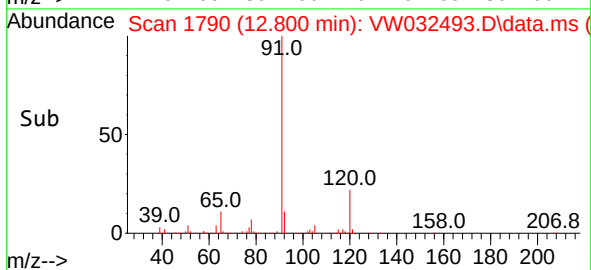
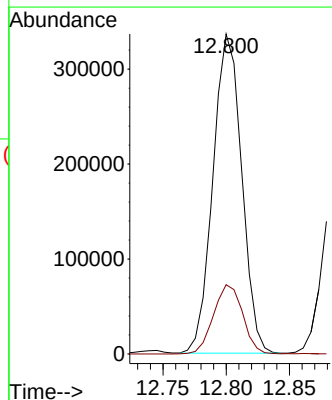
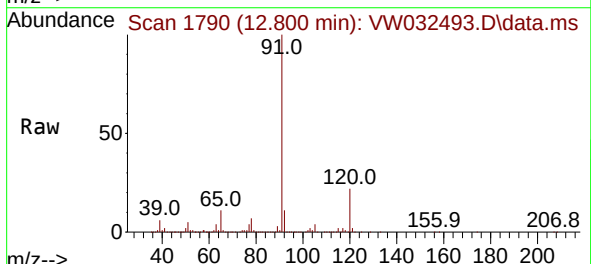
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

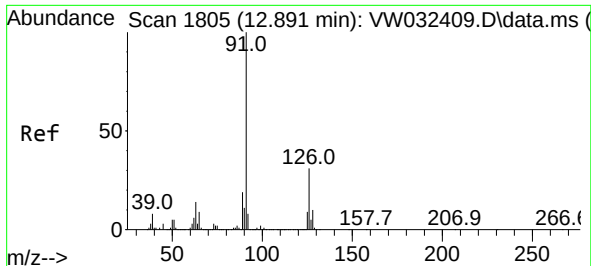
Tgt Ion:156 Resp: 96893
Ion Ratio Lower Upper
156 100
77 235.0 108.0 324.0
158 103.3 45.1 135.5



#78
n-propylbenzene
Concen: 19.227 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 91 Resp: 530953
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

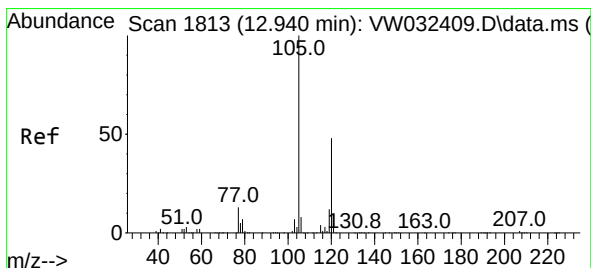
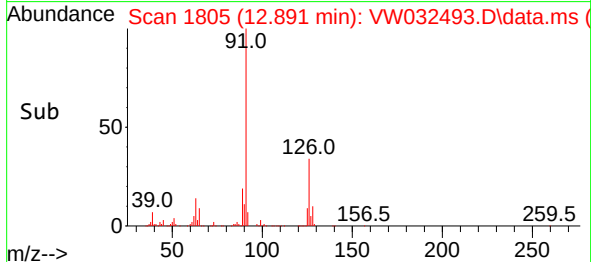
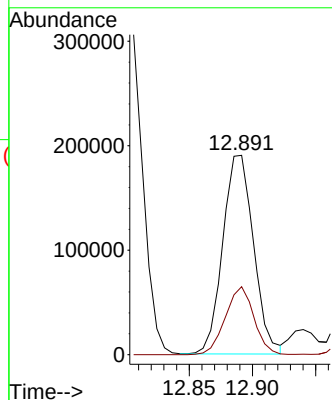
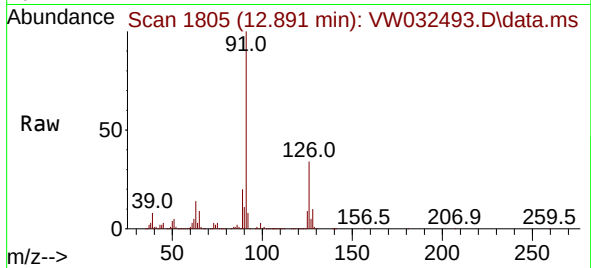




#79
2-Chlorotoluene
Concen: 19.133 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

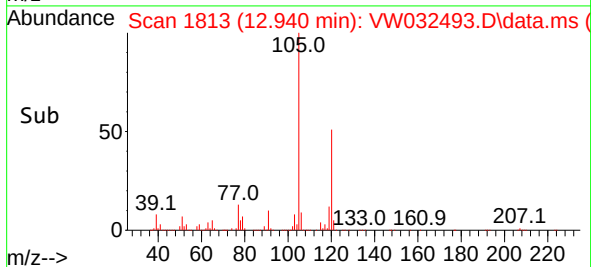
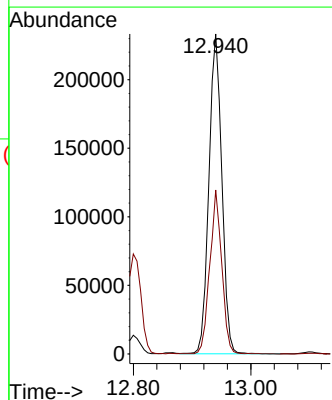
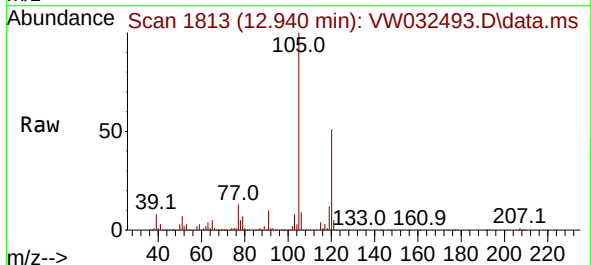
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

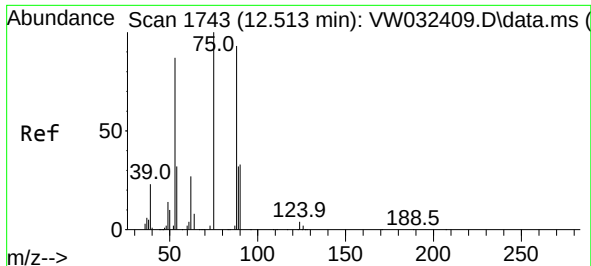
Tgt Ion: 91 Resp: 322532
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.046 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion: 105 Resp: 356299
Ion Ratio Lower Upper
105 100
120 47.8 24.2 72.6

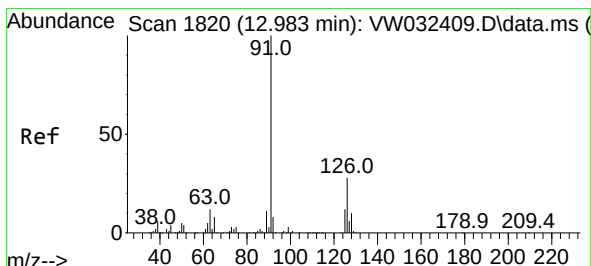
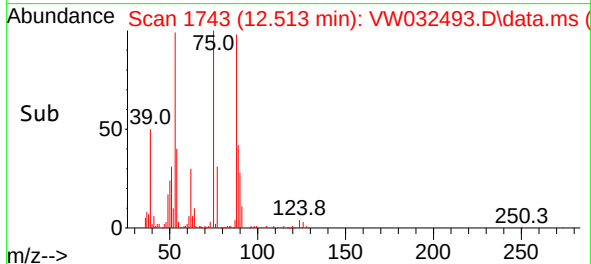
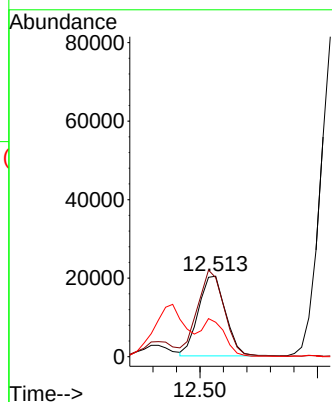
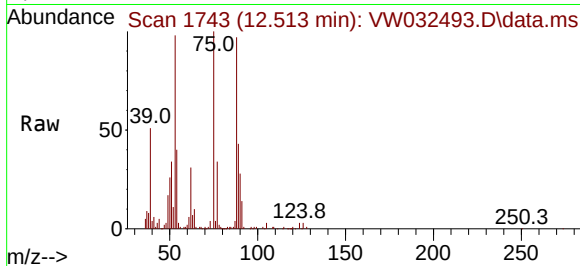




#81
trans-1,4-Dichloro-2-butene
Concen: 17.664 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

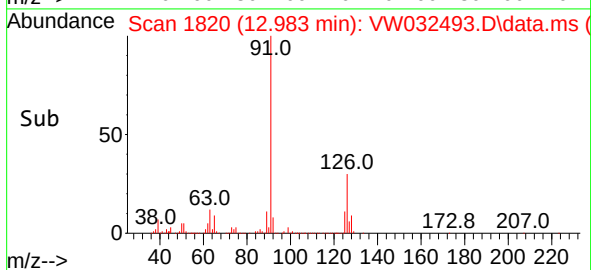
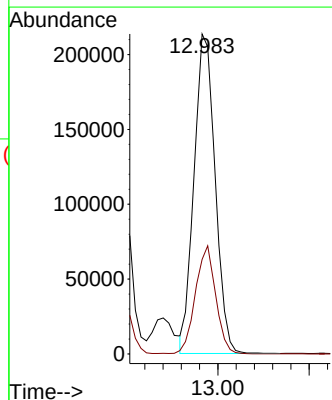
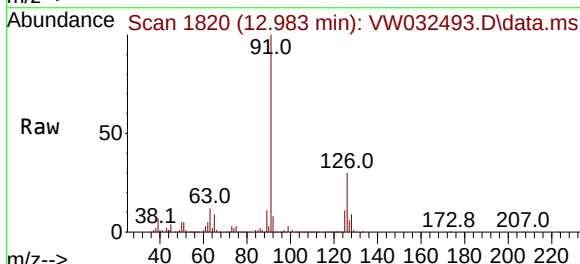
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

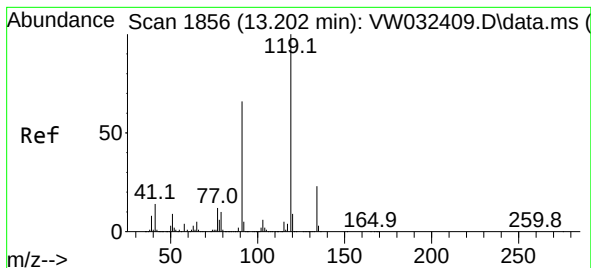
Tgt Ion:	75	Resp:	32650
Ion	Ratio	Lower	Upper
75	100		
53	107.3	77.8	116.8
89	40.1	35.6	53.4



#82
4-Chlorotoluene
Concen: 19.530 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:	91	Resp:	342431
Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.5	46.5

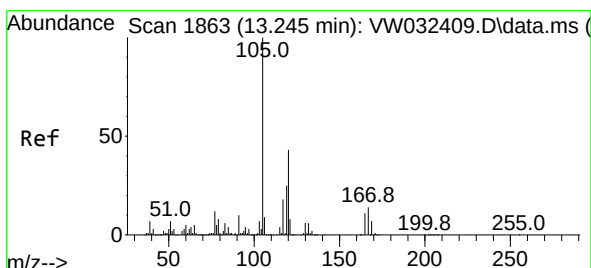
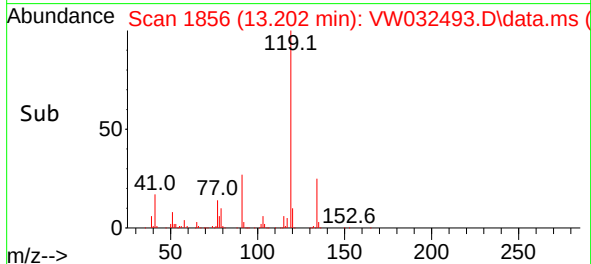
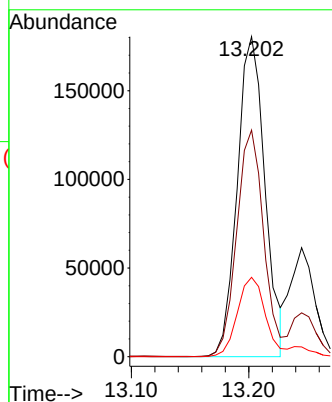
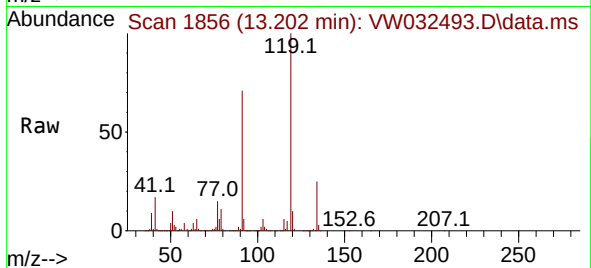




#83
tert-Butylbenzene
Concen: 18.153 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

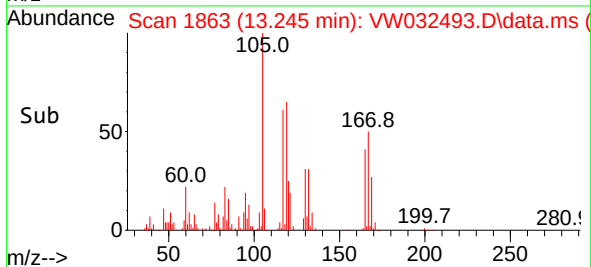
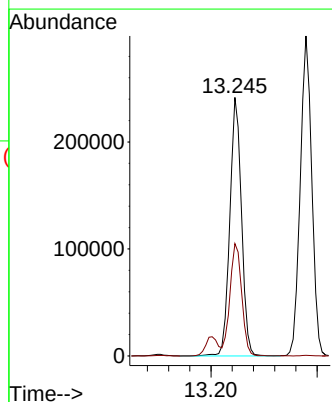
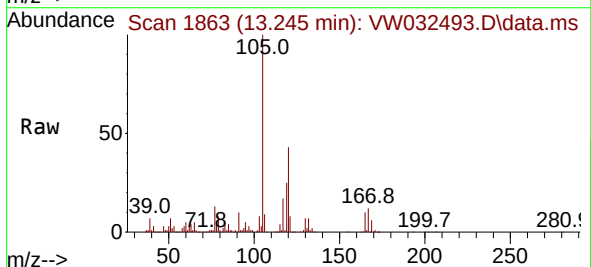
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

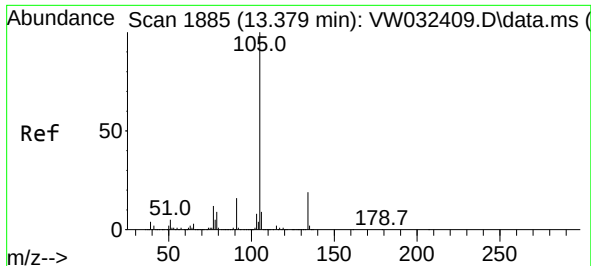
Tgt Ion:119 Resp: 295411
Ion Ratio Lower Upper
119 100
91 68.7 33.3 99.9
134 25.3 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 19.366 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:105 Resp: 368482
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5

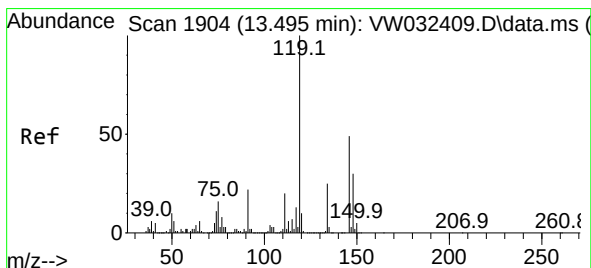
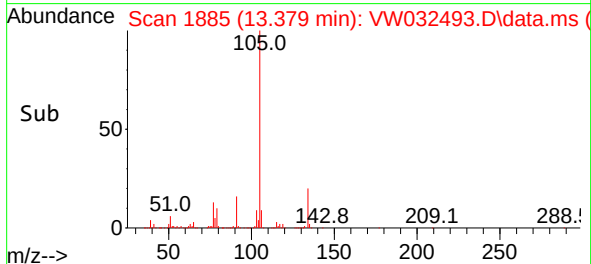
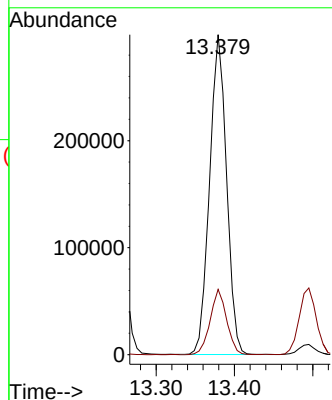
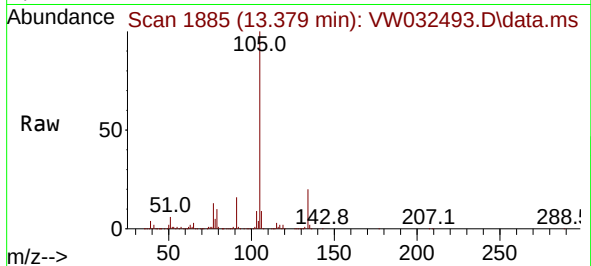




#85
 sec-Butylbenzene
 Concen: 18.567 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

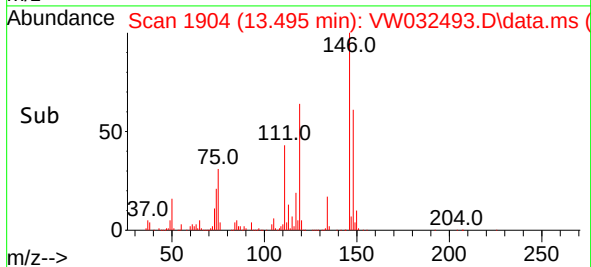
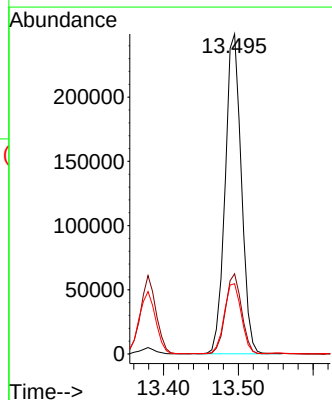
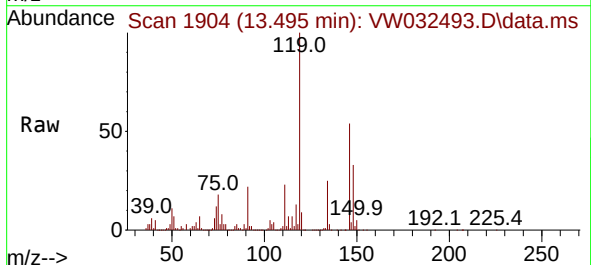
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

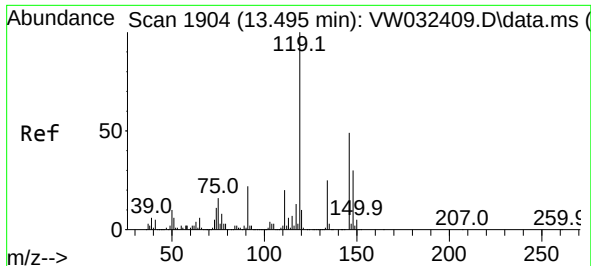
Tgt Ion:105 Resp: 450010
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.747 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion:119 Resp: 375159
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 23.1 11.9 35.5

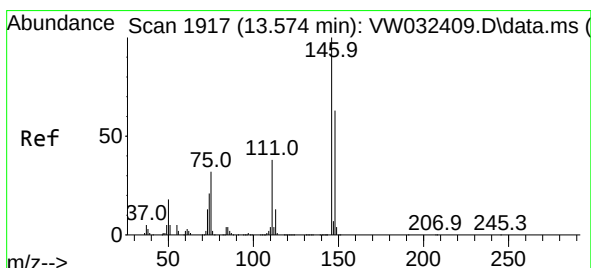
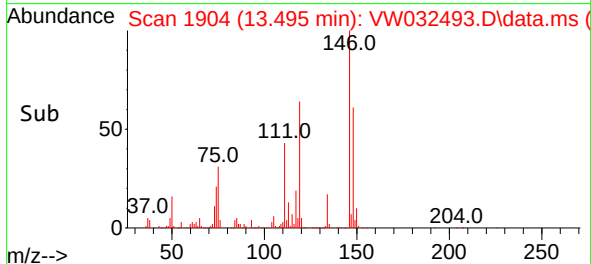
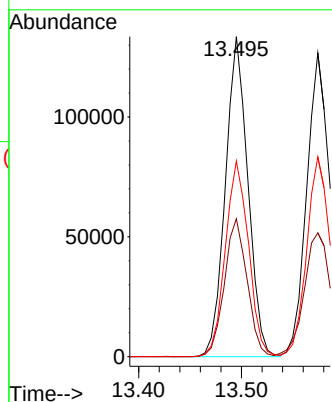
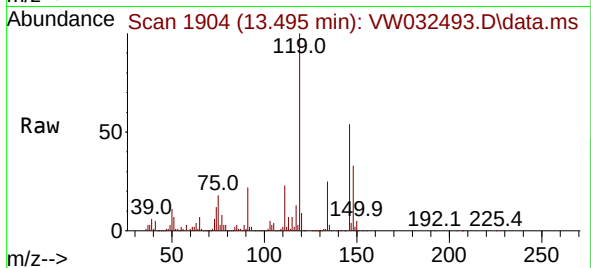




#87
1,3-Dichlorobenzene
Concen: 19.972 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

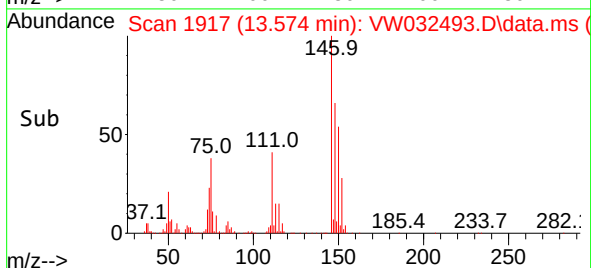
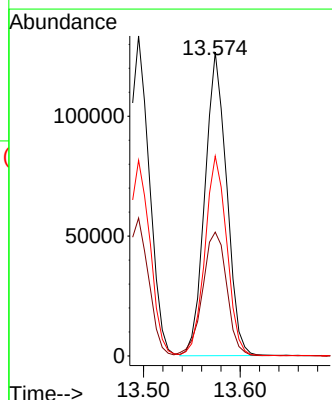
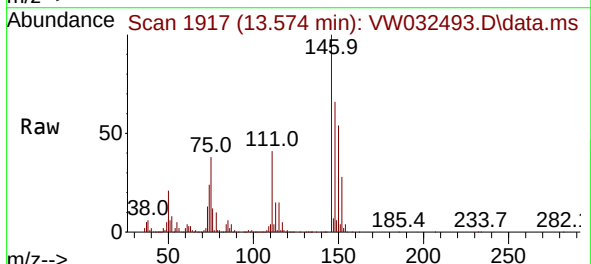
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBSD01

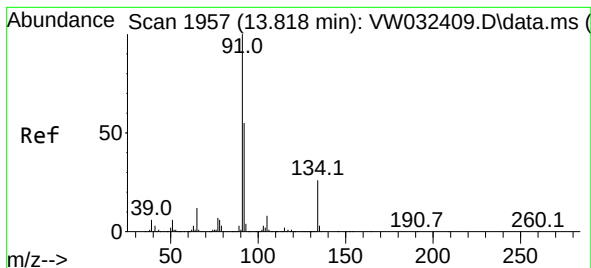
Tgt Ion:146 Resp: 203300
Ion Ratio Lower Upper
146 100
111 43.3 22.2 66.6
148 63.0 33.4 100.1



#88
1,4-Dichlorobenzene
Concen: 18.973 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032493.D
Acq: 19 Nov 2025 11:33

Tgt Ion:146 Resp: 197864
Ion Ratio Lower Upper
146 100
111 45.2 20.5 61.6
148 66.3 31.2 93.6





#89

n-Butylbenzene

Concen: 18.890 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

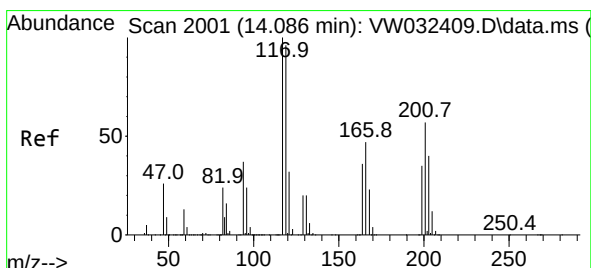
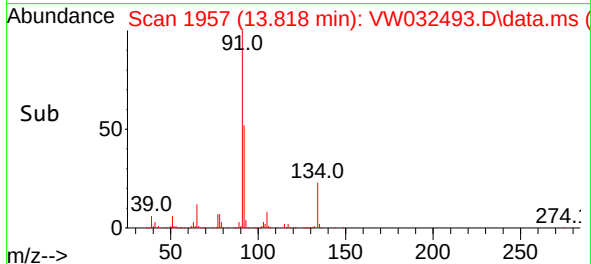
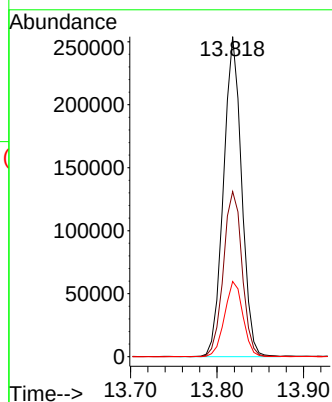
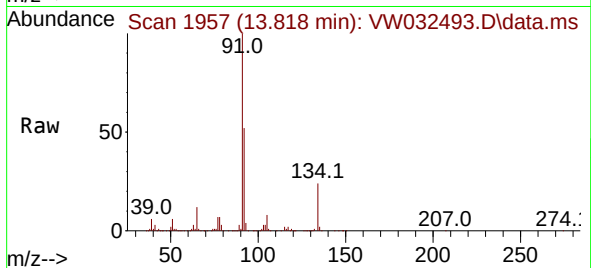
Tgt Ion: 91 Resp: 369310

Ion Ratio Lower Upper

91 100

92 53.4 27.4 82.2

134 23.9 12.4 37.4



#90

Hexachloroethane

Concen: 18.936 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032493.D

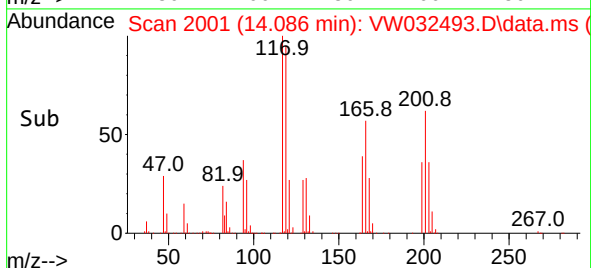
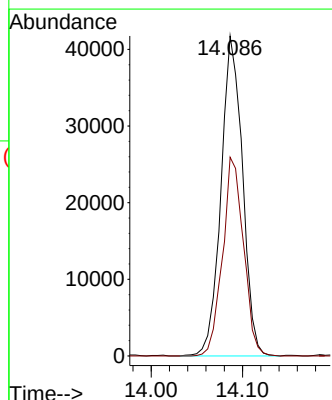
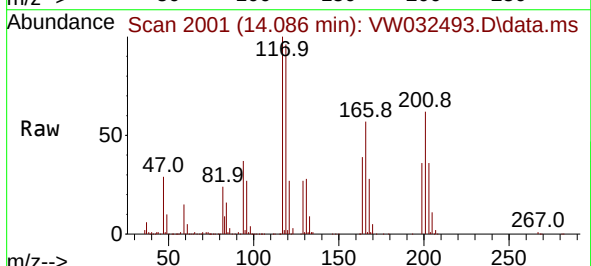
Acq: 19 Nov 2025 11:33

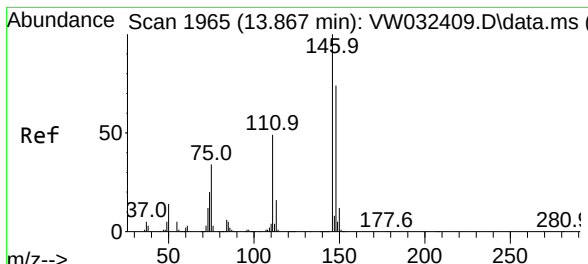
Tgt Ion: 117 Resp: 68321

Ion Ratio Lower Upper

117 100

201 60.4 32.0 96.0

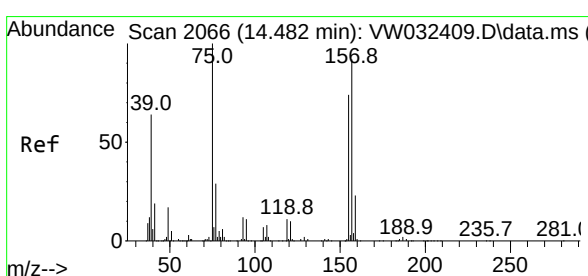
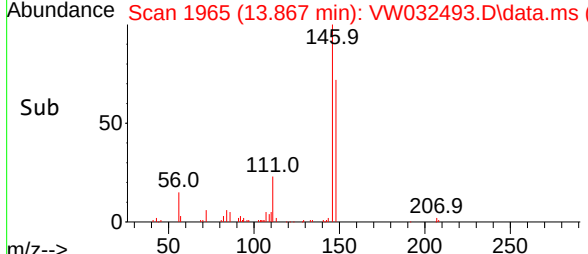
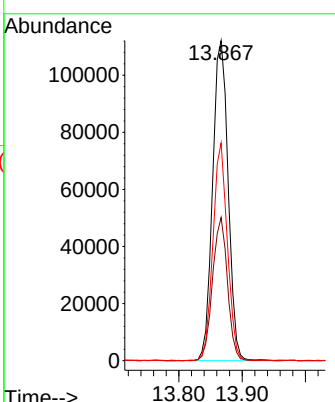
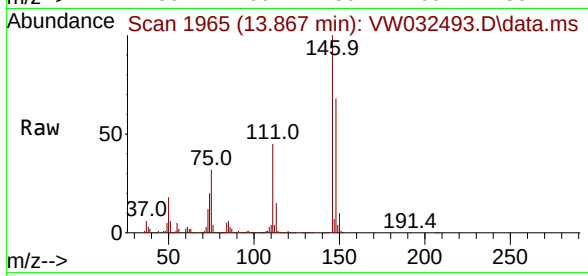




#91
 1,2-Dichlorobenzene
 Concen: 20.343 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

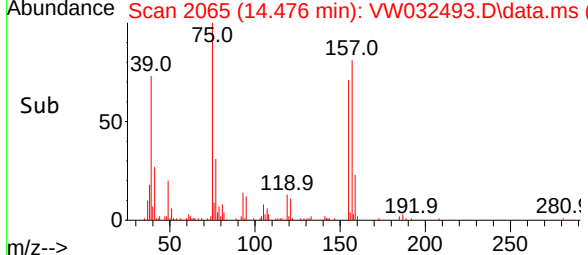
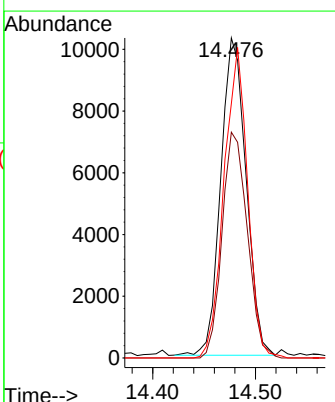
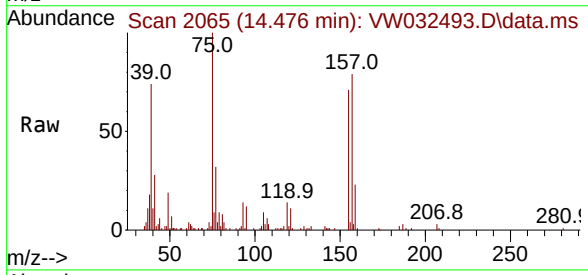
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBSD01

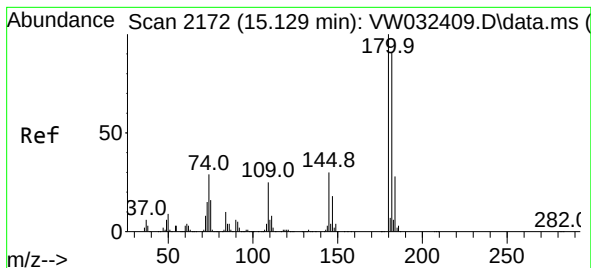
Tgt Ion:	146	Resp:	190098
Ion Ratio	Lower	Upper	
146	100		
111	43.1	23.4	70.2
148	63.6	34.0	101.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.964 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW032493.D
 Acq: 19 Nov 2025 11:33

Tgt Ion:	75	Resp:	17581
Ion Ratio	Lower	Upper	
75	100		
155	71.0	36.2	108.6
157	91.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.955 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

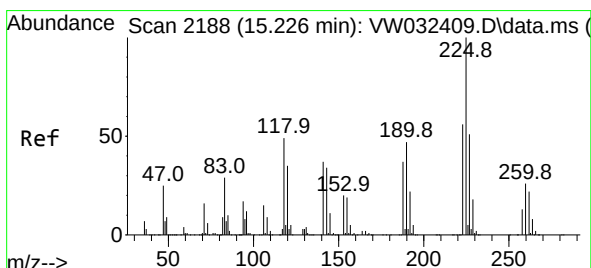
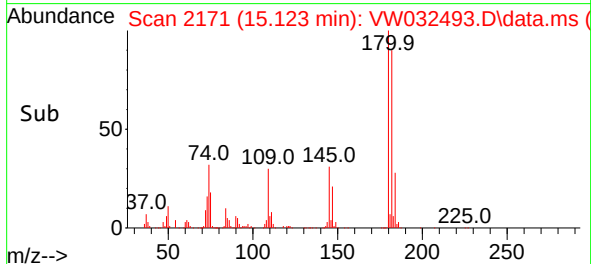
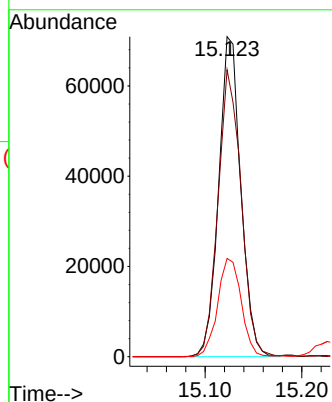
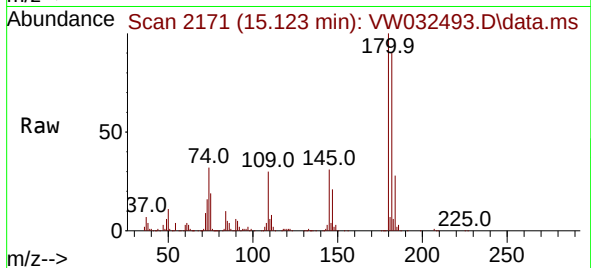
Tgt Ion:180 Resp: 112717

Ion Ratio Lower Upper

180 100

182 93.5 45.3 135.9

145 32.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.028 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

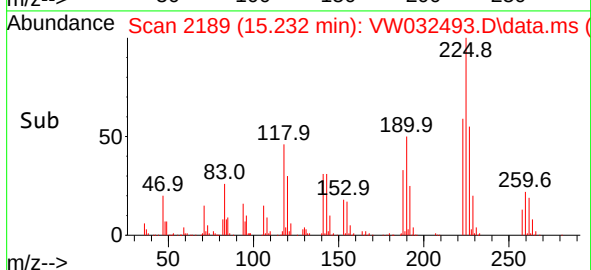
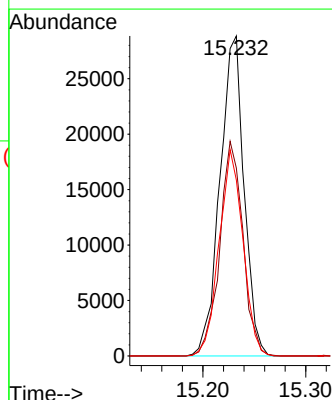
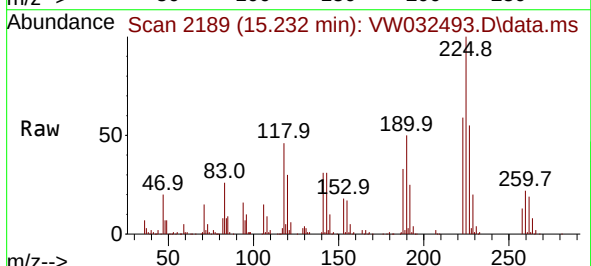
Tgt Ion:225 Resp: 47001

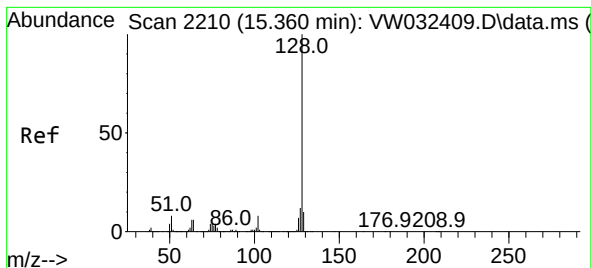
Ion Ratio Lower Upper

225 100

223 64.4 30.6 91.8

227 63.5 29.8 89.4





#95

Naphthalene

Concen: 17.927 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBSD01

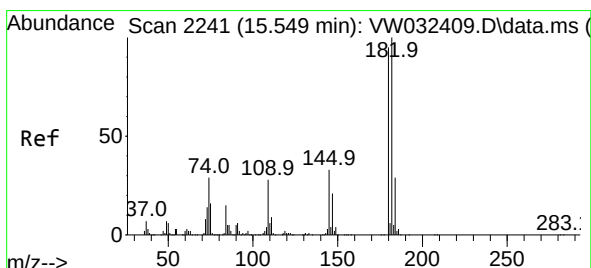
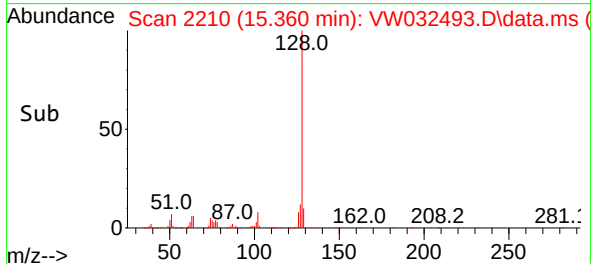
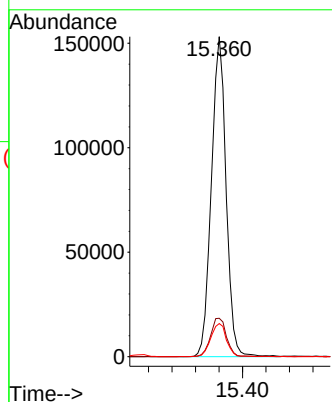
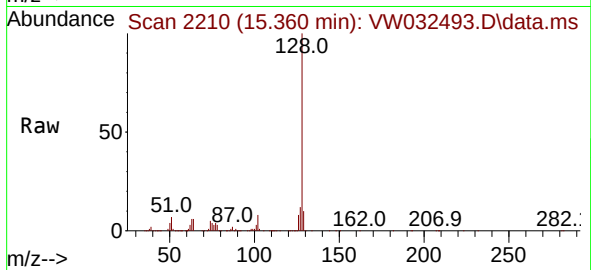
Tgt Ion:128 Resp: 265837

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.871 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032493.D

Acq: 19 Nov 2025 11:33

Tgt Ion:180 Resp: 101880

Ion Ratio Lower Upper

180 100

182 94.5 50.3 151.0

145 36.3 17.8 53.3

