

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032492.D
 Acq On : 19 Nov 2025 11:11
 Operator : SY/MD
 Sample : VW1119SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

Quant Time: Nov 20 01:15:28 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	361405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	660085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	590674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	243218	52.200	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.400%	
35) Dibromofluoromethane	7.898	113	204531	51.753	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.500%	
50) Toluene-d8	10.325	98	790714	52.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.617	95	290609	50.740	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	36626	19.975	ug/l	95
3) Chloromethane	2.253	50	68922	21.929	ug/l	94
4) Vinyl Chloride	2.399	62	86866	21.900	ug/l	97
5) Bromomethane	2.820	94	57660	21.731	ug/l	95
6) Chloroethane	2.966	64	53005	20.425	ug/l	97
7) Trichlorofluoromethane	3.302	101	56783	18.259	ug/l	86
8) Diethyl Ether	3.716	74	51404	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	73456	21.683	ug/l	98
10) Methyl Iodide	4.301	142	112464	20.612	ug/l	99
11) Tert butyl alcohol	5.210	59	38806	96.318	ug/l	99
12) 1,1-Dichloroethene	4.076	96	81722	21.038	ug/l	95
13) Acrolein	3.924	56	57195	84.610	ug/l	96
14) Allyl chloride	4.704	41	153990	20.614	ug/l	98
15) Acrylonitrile	5.393	53	146028	99.332	ug/l	99
16) Acetone	4.155	43	146713	105.248	ug/l	96
17) Carbon Disulfide	4.417	76	235675	20.527	ug/l	98
18) Methyl Acetate	4.704	43	65632	19.013	ug/l	100
19) Methyl tert-butyl Ether	5.454	73	159847	19.521	ug/l	100
20) Methylene Chloride	4.954	84	112458	22.559	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	93550	21.061	ug/l	99
22) Diisopropyl ether	6.338	45	318965	20.971	ug/l	98
23) Vinyl Acetate	6.277	43	1046362	100.412	ug/l	100
24) 1,1-Dichloroethane	6.240	63	179819	21.579	ug/l	99
25) 2-Butanone	7.191	43	197486	96.163	ug/l	99
26) 2,2-Dichloropropane	7.179	77	95756	20.619	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	110174	20.759	ug/l	98
28) Bromochloromethane	7.527	49	86496	21.961	ug/l	97
29) Tetrahydrofuran	7.551	42	125719	96.449	ug/l	99
30) Chloroform	7.685	83	178648	21.899	ug/l	98
31) Cyclohexane	7.965	56	155531	20.177	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	123378	21.171	ug/l	97
36) 1,1-Dichloropropene	8.093	75	124481	21.377	ug/l	100
37) Ethyl Acetate	7.270	43	89812	20.742	ug/l	96
38) Carbon Tetrachloride	8.081	117	110629	21.382	ug/l	97
39) Methylcyclohexane	9.343	83	147857	19.601	ug/l	96
40) Benzene	8.331	78	401357	21.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	48775	20.506	ug/l	96
42) 1,2-Dichloroethane	8.411	62	120348	21.849	ug/l	99
43) Isopropyl Acetate	8.435	43	149609	19.513	ug/l	98
44) Trichloroethene	9.099	130	90301	20.695	ug/l	94
45) 1,2-Dichloropropane	9.374	63	100404	21.503	ug/l	100
46) Dibromomethane	9.465	93	58816	21.556	ug/l	98
47) Bromodichloromethane	9.648	83	129606	20.823	ug/l	97
48) Methyl methacrylate	9.441	41	66792	18.333	ug/l	95
49) 1,4-Dioxane	9.459	88	14834	388.079	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	433442	102.263	ug/l	98
52) Toluene	10.386	92	252405	21.791	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	129416	20.189	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	148531	20.037	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	79341	21.196	ug/l	97
56) Ethyl methacrylate	10.642	69	109811	19.120	ug/l	99
57) 1,3-Dichloropropane	10.934	76	141967	21.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	327225	106.985	ug/l	99
59) 2-Hexanone	10.965	43	299147	96.466	ug/l	98
60) Dibromochloromethane	11.130	129	87995	21.051	ug/l	99
61) 1,2-Dibromoethane	11.239	107	74808	20.519	ug/l	100
64) Tetrachloroethene	10.867	164	72274	20.662	ug/l	94
65) Chlorobenzene	11.654	112	268333	21.077	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	81845	20.773	ug/l	99
67) Ethyl Benzene	11.727	91	455523	20.679	ug/l	98
68) m/p-Xylenes	11.837	106	345847	41.815	ug/l	98
69) o-Xylene	12.166	106	160949	20.324	ug/l	100
70) Styrene	12.178	104	287144	21.078	ug/l	99
71) Bromoform	12.343	173	45773	19.614	ug/l #	98
73) Isopropylbenzene	12.465	105	402569	19.201	ug/l	99
74) N-amyl acetate	12.270	43	139579	19.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	101457	20.390	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	125243	31.996	ug/l #	1
77) Bromobenzene	12.739	156	99858	20.116	ug/l	97
78) n-propylbenzene	12.800	91	524701	20.550	ug/l	98
79) 2-Chlorotoluene	12.885	91	313773	20.131	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	350920	20.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	31435	18.394	ug/l	90
82) 4-Chlorotoluene	12.983	91	335416	20.690	ug/l	99
83) tert-Butylbenzene	13.202	119	283999	18.874	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	351381	19.972	ug/l	98
85) sec-Butylbenzene	13.379	105	431962	19.276	ug/l	100
86) p-Isopropyltoluene	13.495	119	363724	19.658	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	198267	21.066	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	196748	20.404	ug/l	95
89) n-Butylbenzene	13.818	91	357992	19.804	ug/l	98
90) Hexachloroethane	14.086	117	64025	19.192	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	184603	21.366	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16213	18.914	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	105148	19.124	ug/l	98
94) Hexachlorobutadiene	15.226	225	44260	19.379	ug/l	96
95) Naphthalene	15.360	128	232705	16.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	100646	20.163	ug/l	92

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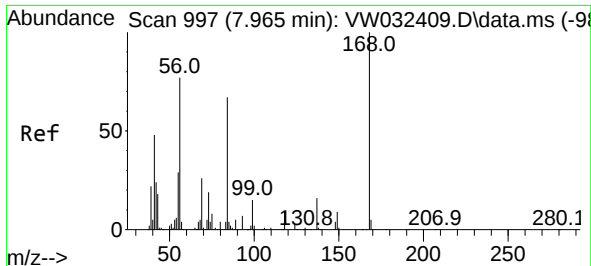
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QLast Update : Tue Nov 11 03:48:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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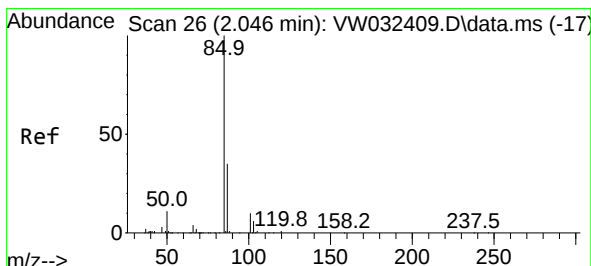
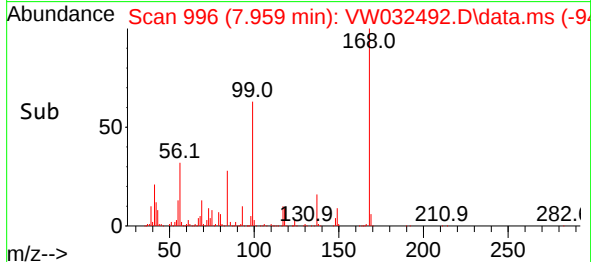
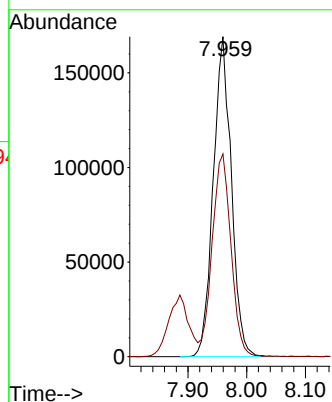
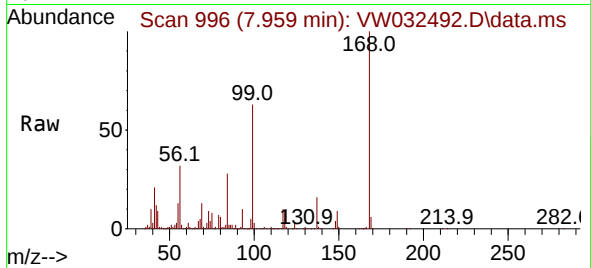




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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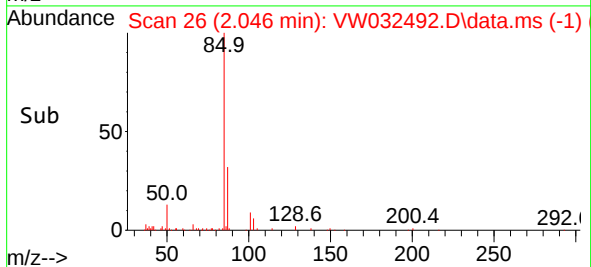
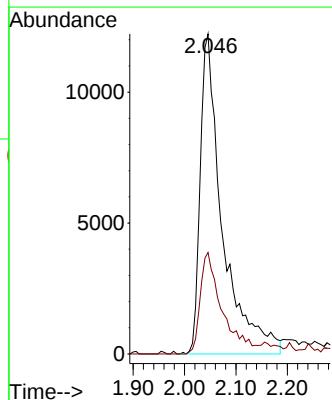
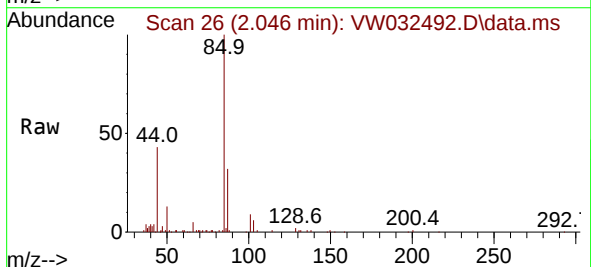
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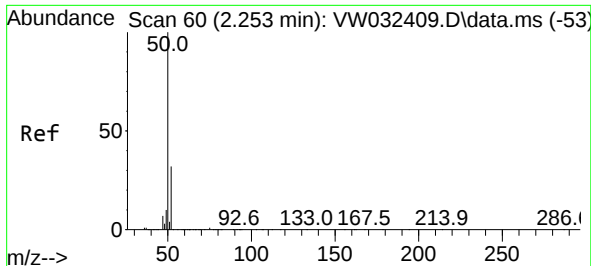
Tgt Ion:168 Resp: 361405
Ion Ratio Lower Upper
168 100
99 63.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 19.975 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 85 Resp: 36626
Ion Ratio Lower Upper
85 100
87 31.7 17.4 52.2

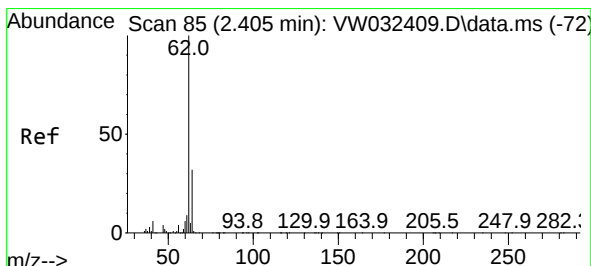
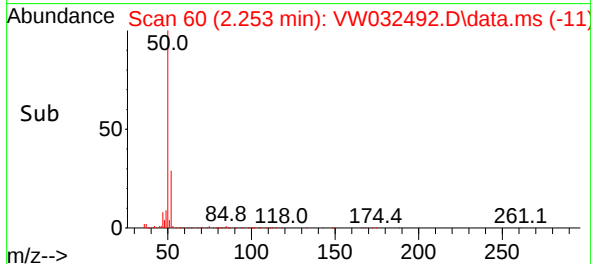
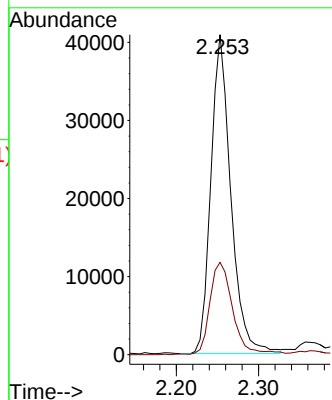
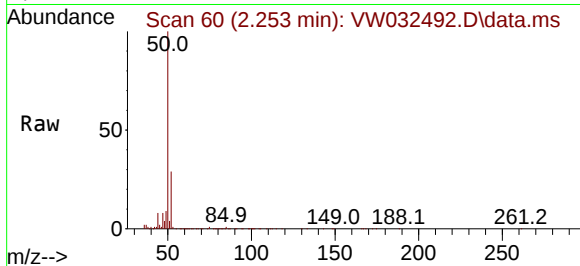




#3
Chloromethane
Concen: 21.929 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

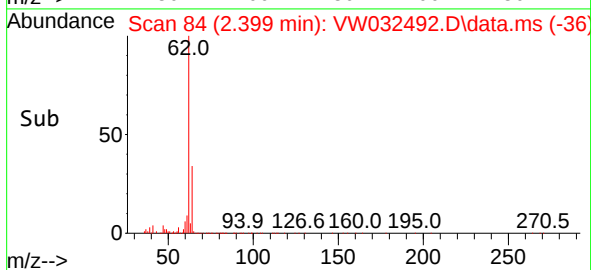
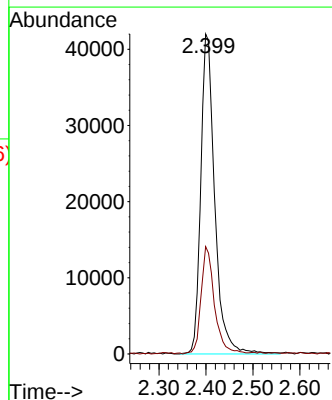
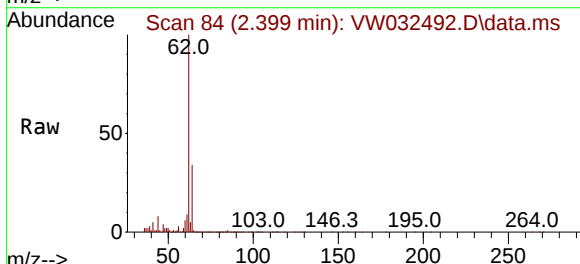
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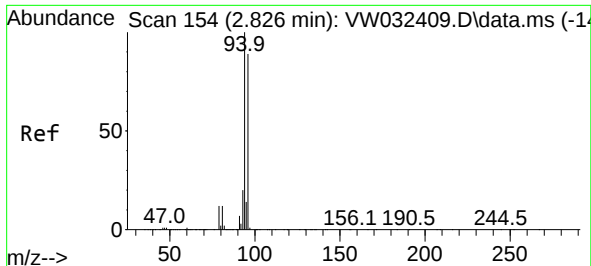
Tgt Ion: 50 Resp: 68922
Ion Ratio Lower Upper
50 100
52 28.8 25.5 38.3



#4
Vinyl Chloride
Concen: 21.900 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 62 Resp: 86866
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8

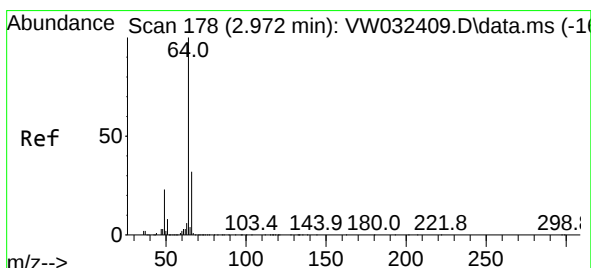
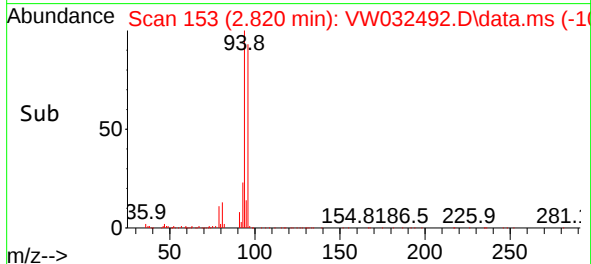
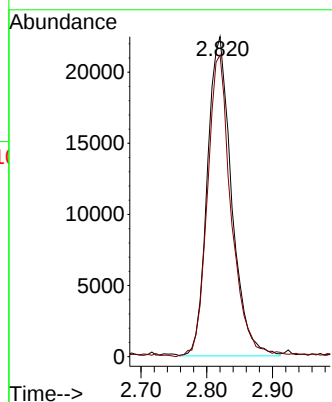
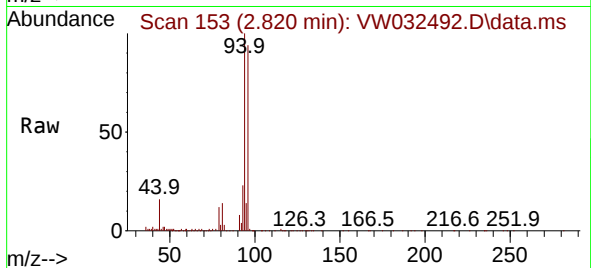




#5
Bromomethane
Concen: 21.731 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

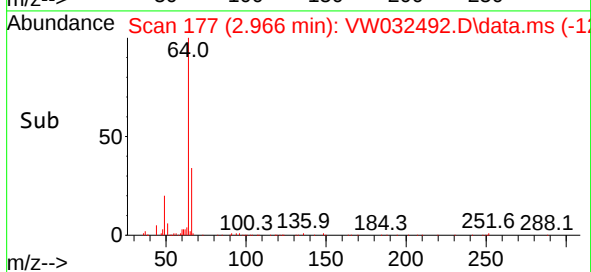
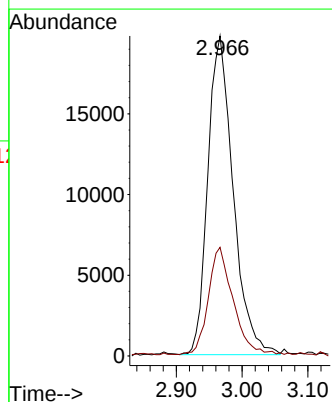
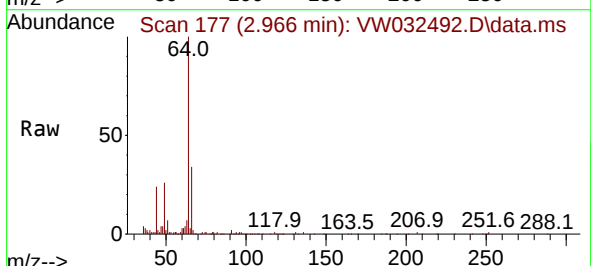
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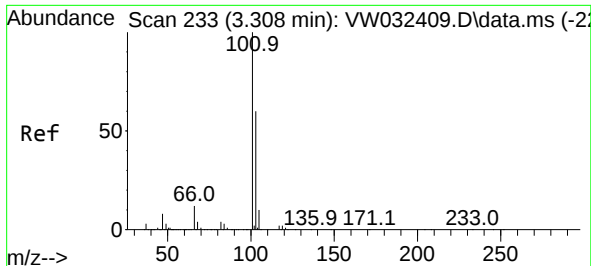
Tgt Ion: 94 Resp: 57660
Ion Ratio Lower Upper
94 100
96 94.0 71.4 107.2



#6
Chloroethane
Concen: 20.425 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 64 Resp: 53005
Ion Ratio Lower Upper
64 100
66 33.6 25.6 38.4

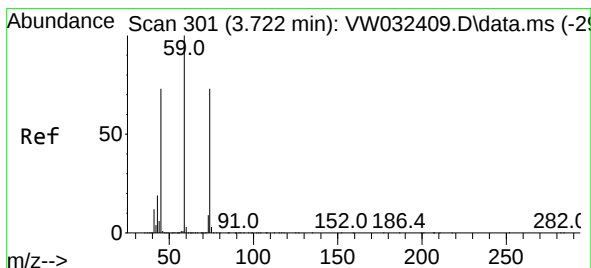
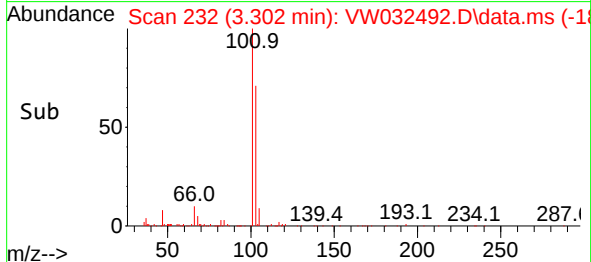
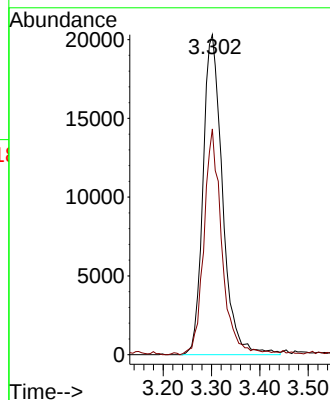
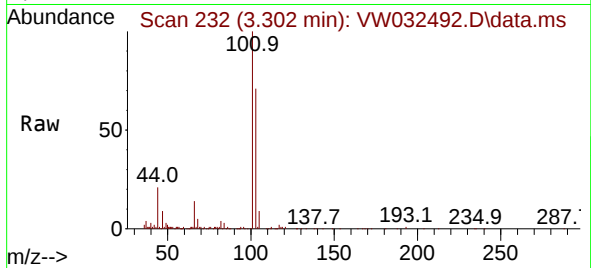




#7
 Trichlorofluoromethane
 Concen: 18.259 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

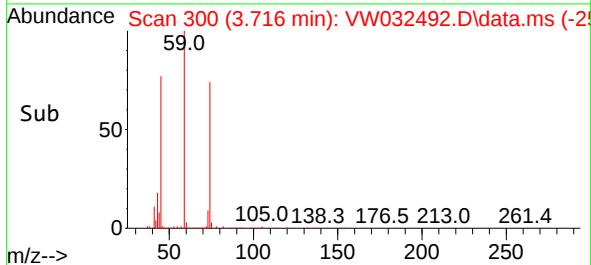
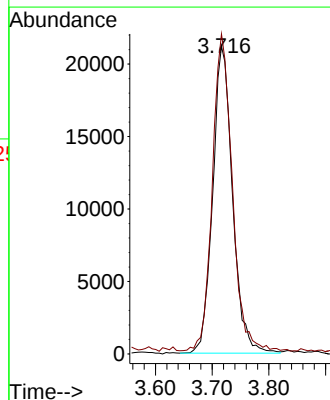
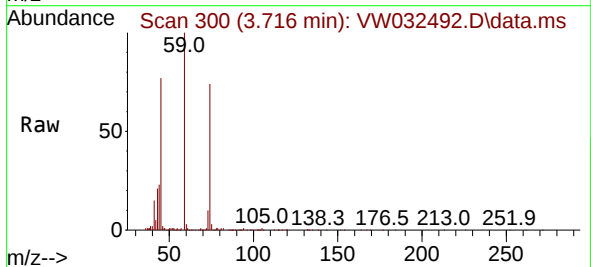
Instrument :
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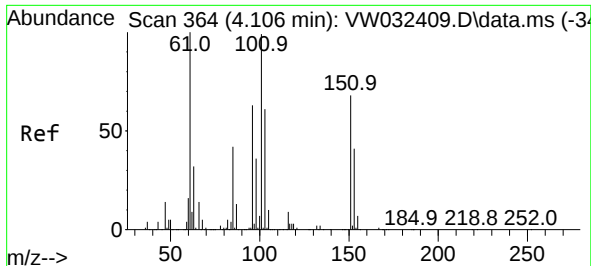
Tgt Ion:101 Resp: 56783
 Ion Ratio Lower Upper
 101 100
 103 70.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.217 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032492.D
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Tgt Ion: 74 Resp: 51404
 Ion Ratio Lower Upper
 74 100
 45 103.8 51.8 155.4

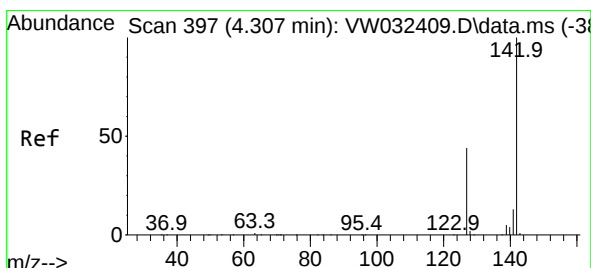
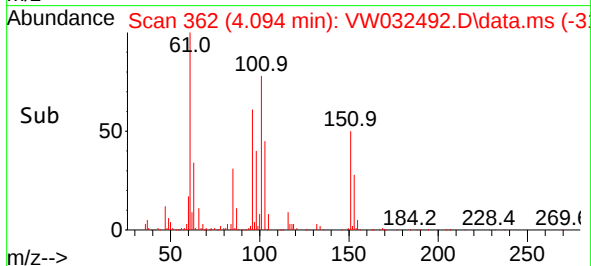
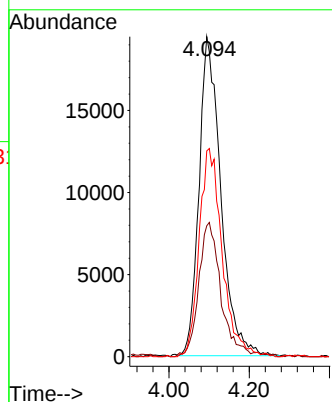
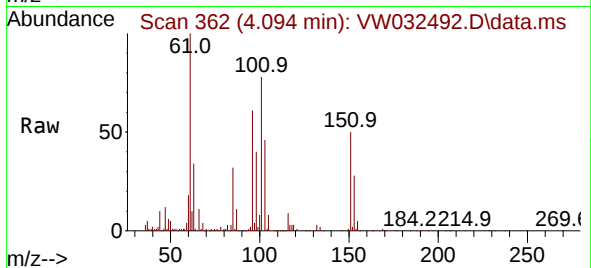




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.683 ug/l
RT: 4.094 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

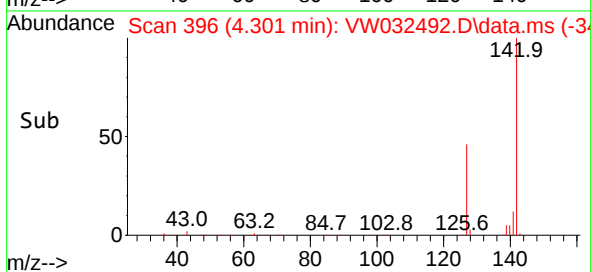
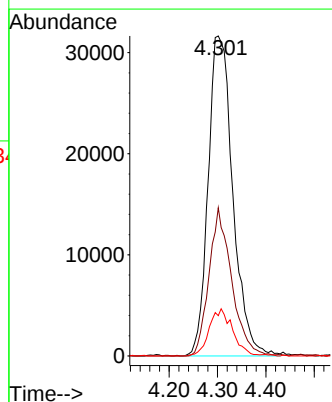
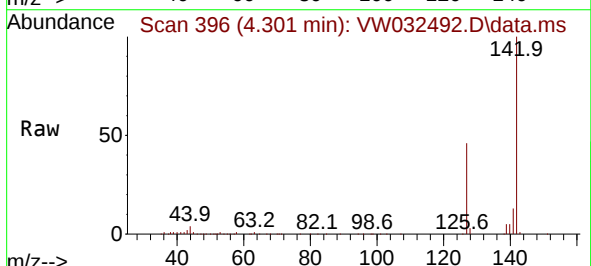
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

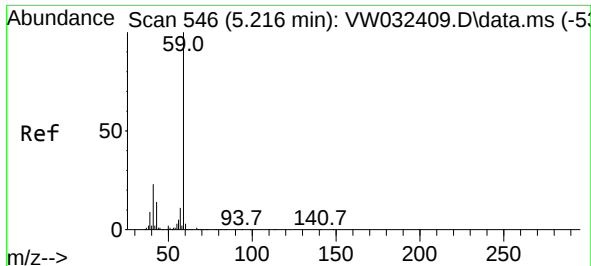
Tgt Ion:101 Resp: 73456
Ion Ratio Lower Upper
101 100
85 42.4 34.1 51.1
151 68.5 56.4 84.6



#10
Methyl Iodide
Concen: 20.612 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:142 Resp: 112464
Ion Ratio Lower Upper
142 100
127 42.3 34.2 51.2
141 13.9 11.8 17.8

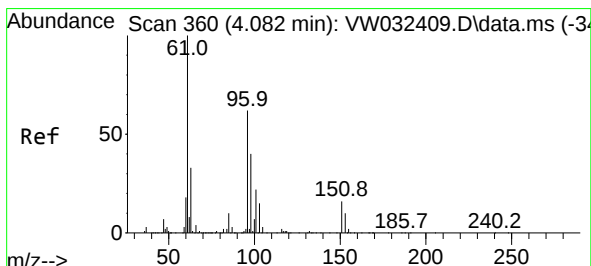
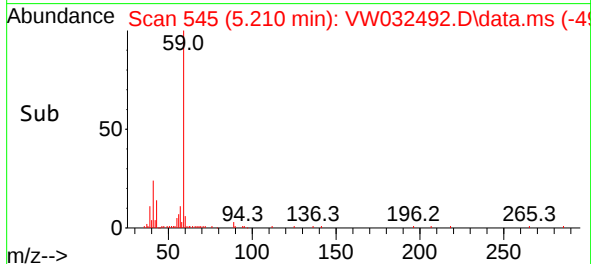
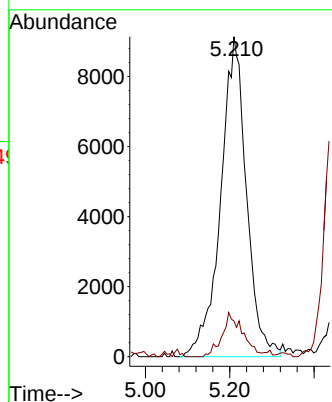
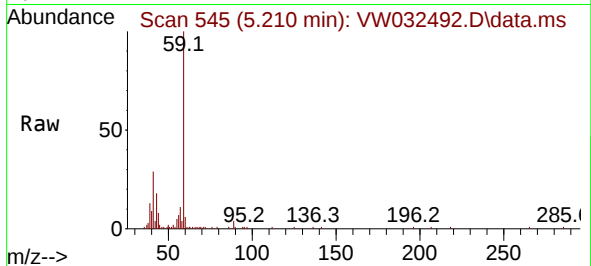




#11
Tert butyl alcohol
Concen: 96.318 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

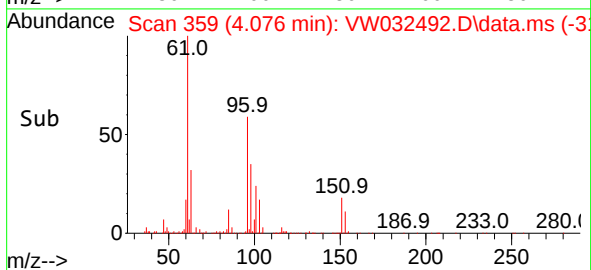
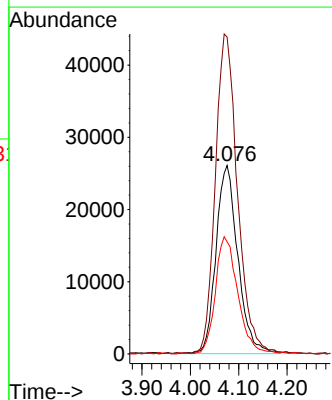
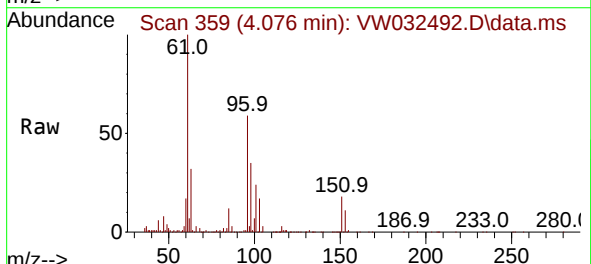
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Tgt Ion: 59 Resp: 38806
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.038 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 96 Resp: 81722
Ion Ratio Lower Upper
96 100
61 168.0 129.0 193.6
98 59.1 51.1 76.7

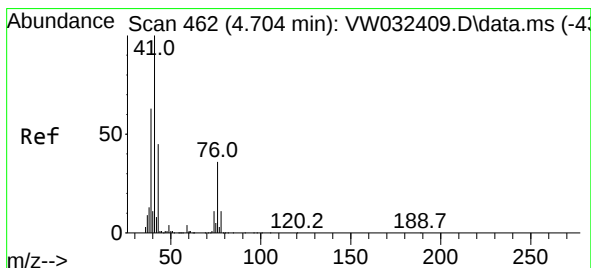
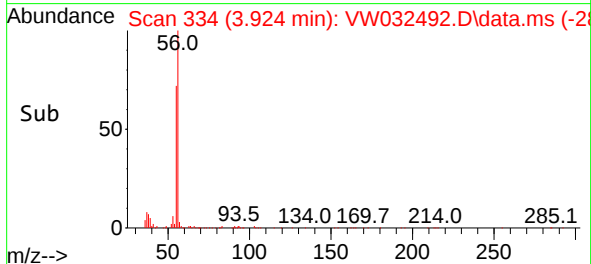
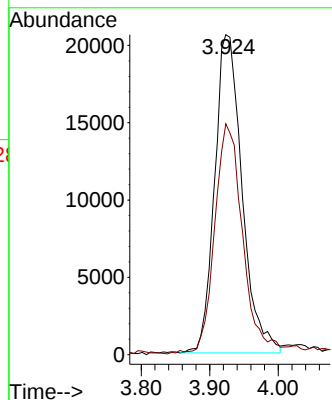
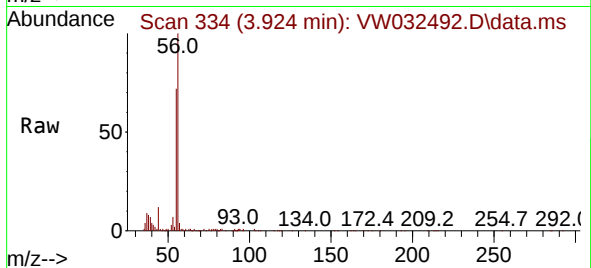




#13
Acrolein
Concen: 84.610 ug/l
RT: 3.924 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

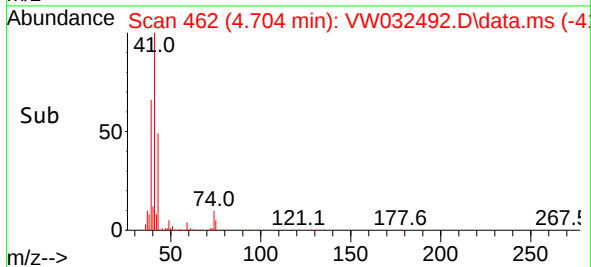
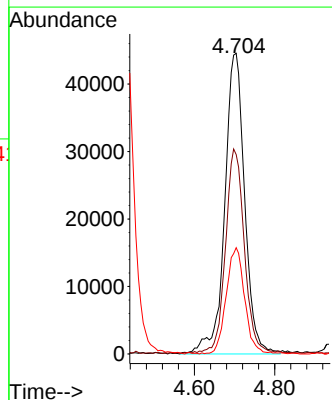
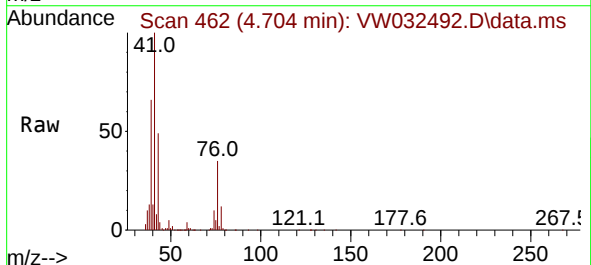
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

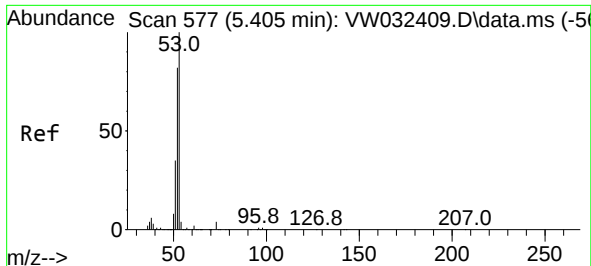
Tgt Ion: 56 Resp: 57195
Ion Ratio Lower Upper
56 100
55 74.0 56.3 84.5



#14
Allyl chloride
Concen: 20.614 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 41 Resp: 153990
Ion Ratio Lower Upper
41 100
39 63.9 50.2 75.2
76 32.3 27.0 40.6

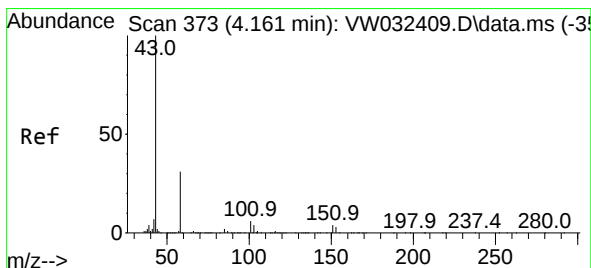
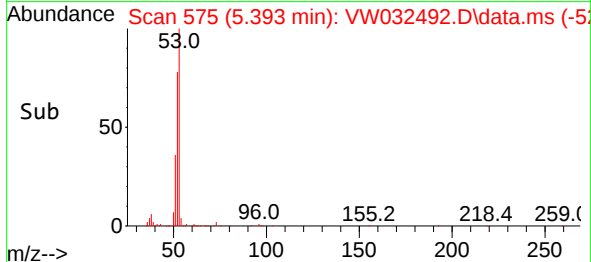
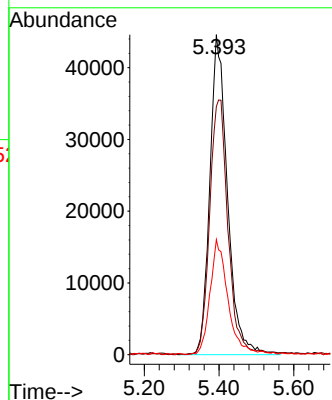
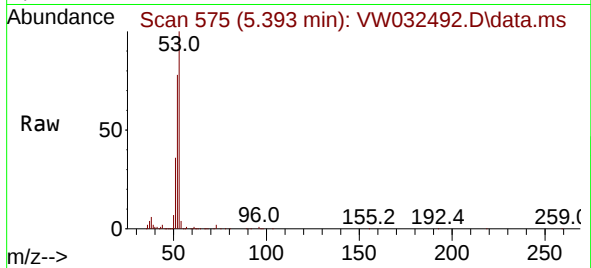




#15
Acrylonitrile
Concen: 99.332 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

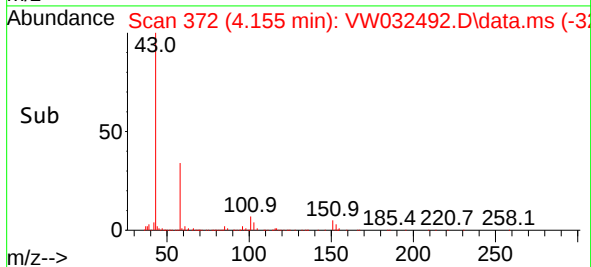
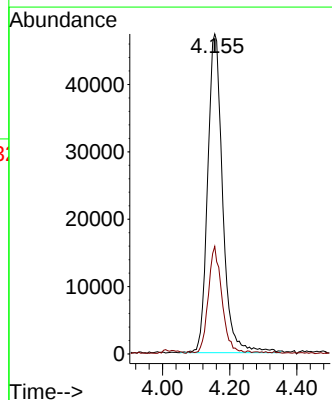
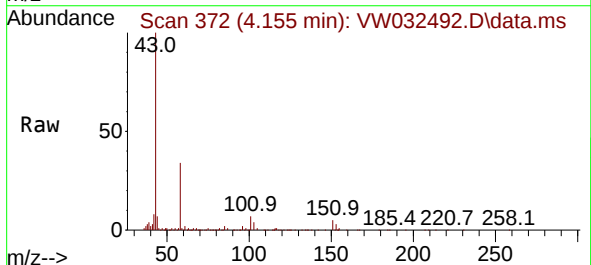
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

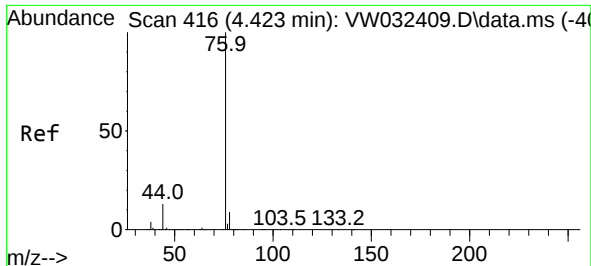
Tgt Ion: 53 Resp: 146028
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.7 28.6 43.0



#16
Acetone
Concen: 105.248 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 43 Resp: 146713
Ion Ratio Lower Upper
43 100
58 33.3 24.8 37.2

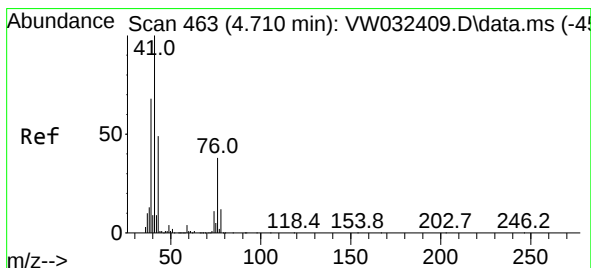
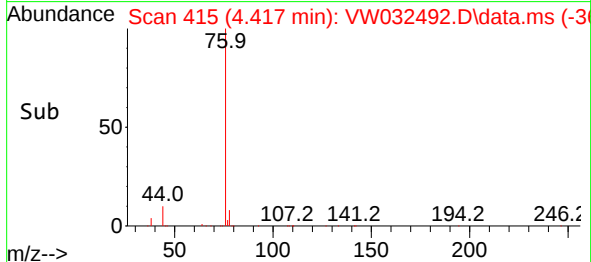
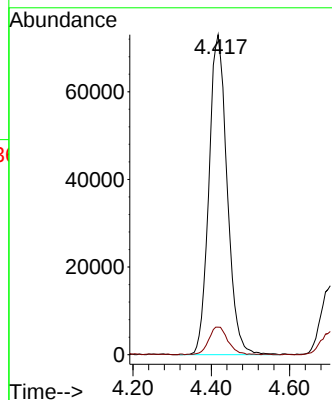
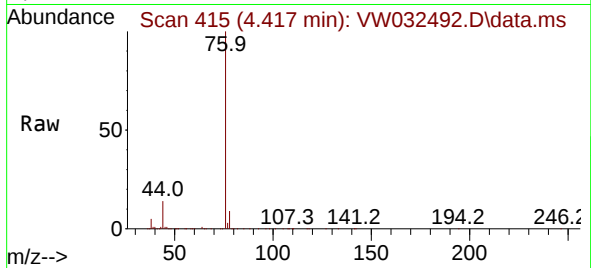




#17
Carbon Disulfide
Concen: 20.527 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

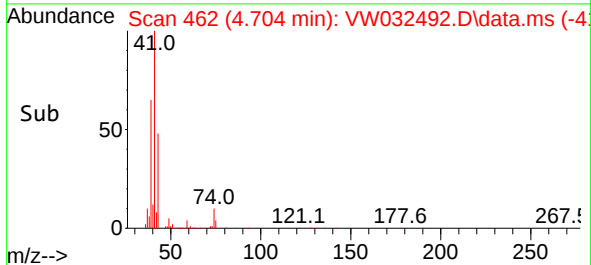
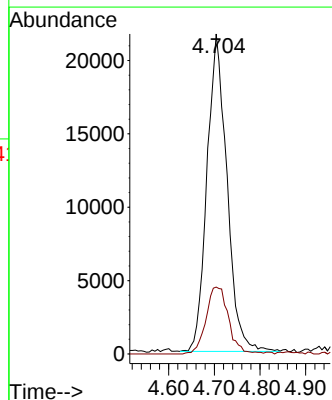
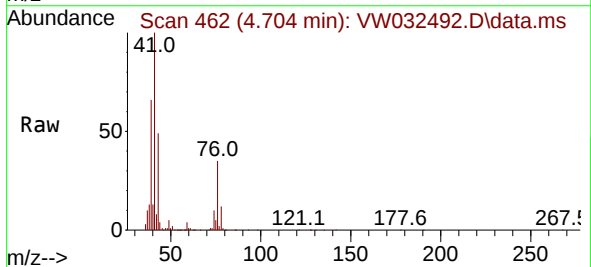
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

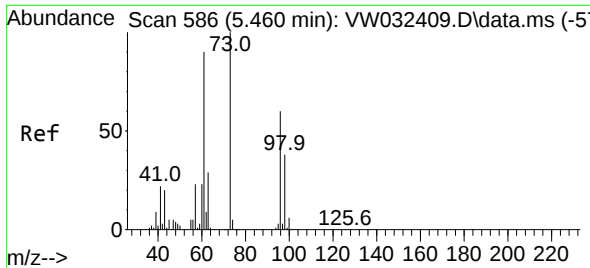
Tgt Ion: 76 Resp: 235675
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 19.013 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 43 Resp: 65632
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3

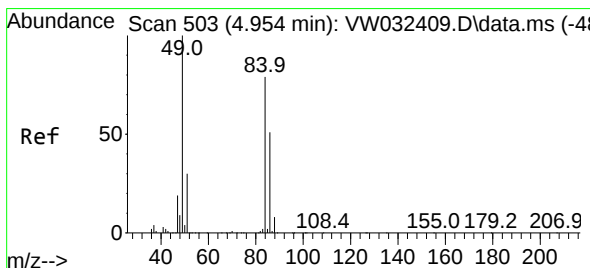
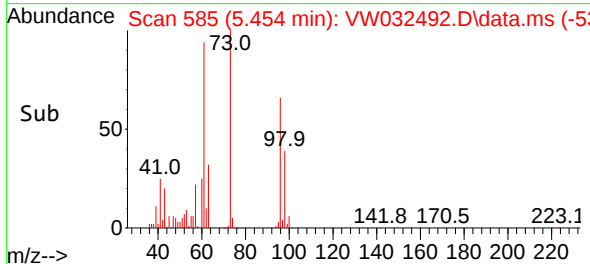
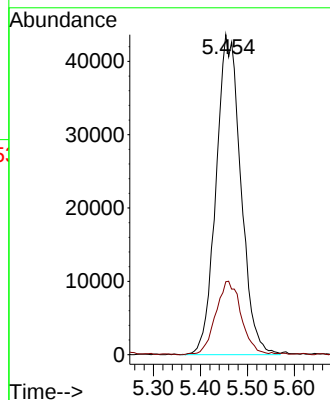
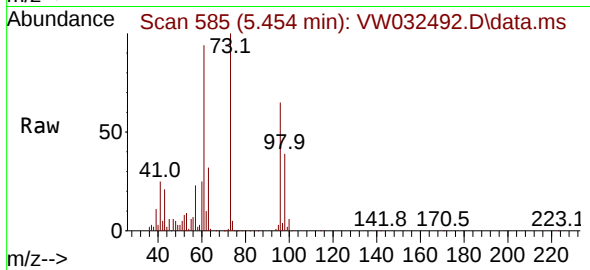




#19
Methyl tert-butyl Ether
Concen: 19.521 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

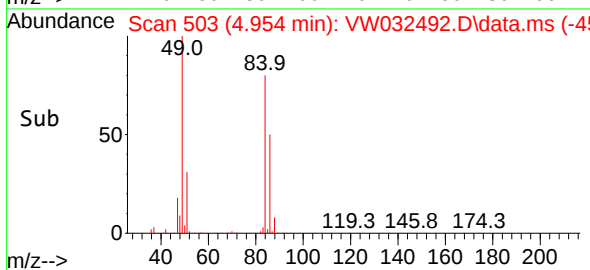
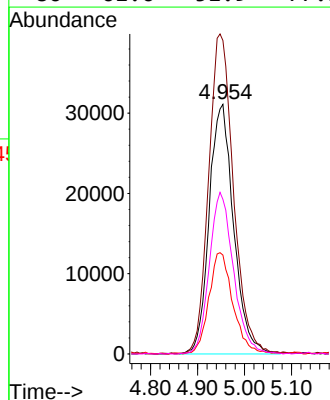
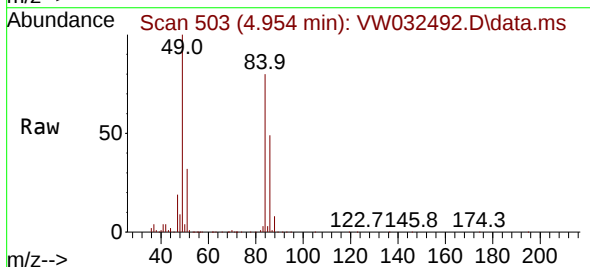
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

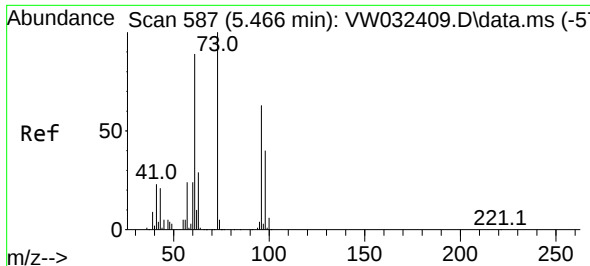
Tgt Ion: 73 Resp: 159847
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 22.559 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 84 Resp: 112458
Ion Ratio Lower Upper
84 100
49 125.3 101.5 152.3
51 39.2 30.6 46.0
86 61.6 51.9 77.9

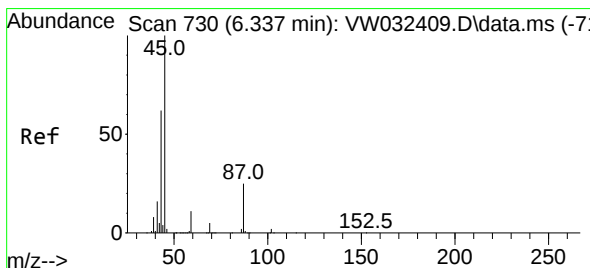
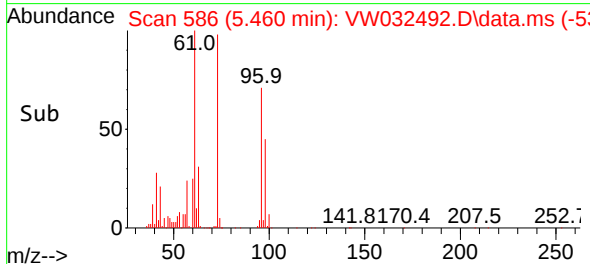
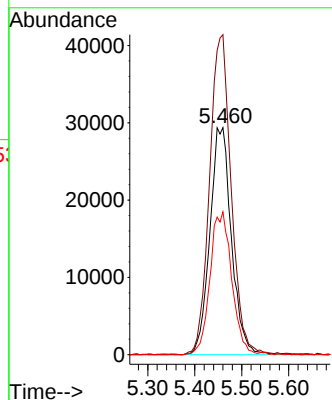
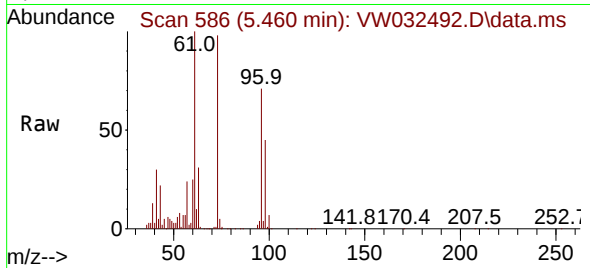




#21
trans-1,2-Dichloroethene
Concen: 21.061 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

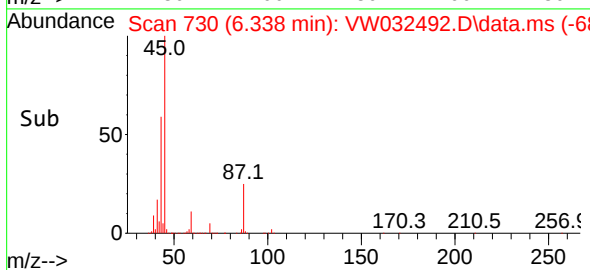
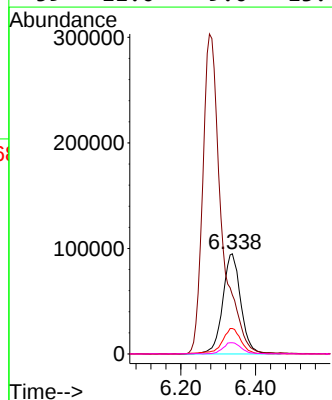
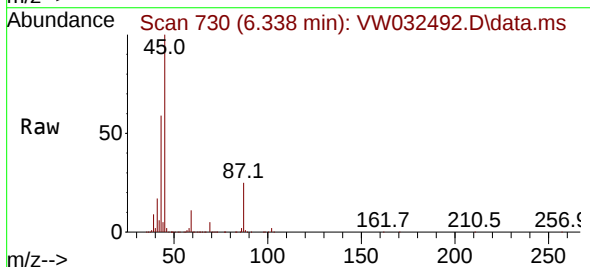
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

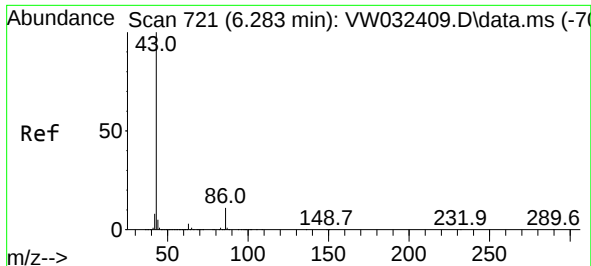
Tgt Ion: 96 Resp: 93550
Ion Ratio Lower Upper
96 100
61 141.0 112.5 168.7
98 63.0 51.1 76.7



#22
Diisopropyl ether
Concen: 20.971 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 45 Resp: 318965
Ion Ratio Lower Upper
45 100
43 59.0 49.4 74.2
87 25.3 20.1 30.1
59 11.0 9.0 13.4

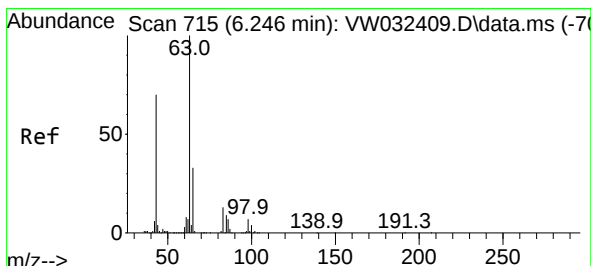
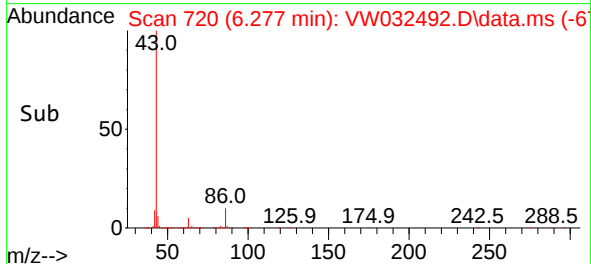
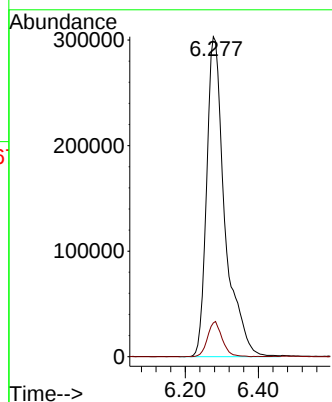
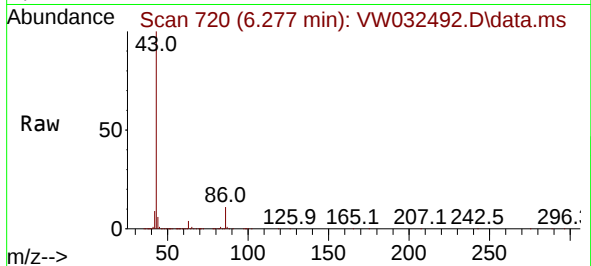




#23
 Vinyl Acetate
 Concen: 100.412 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

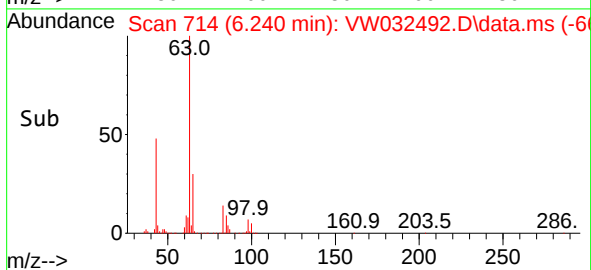
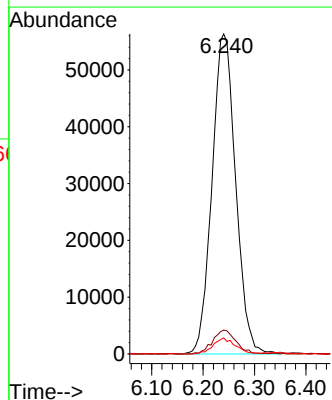
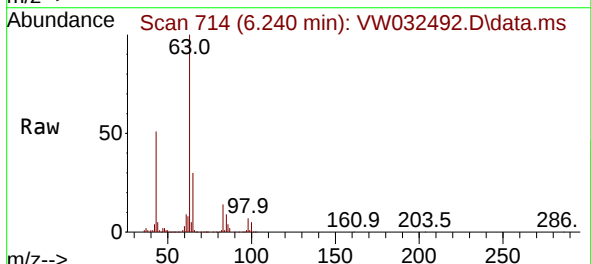
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

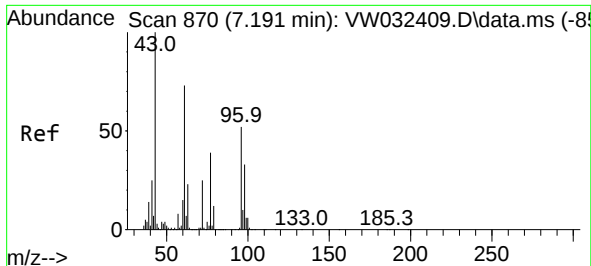
Tgt Ion: 43 Resp: 1046362
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.579 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

Tgt Ion: 63 Resp: 179819
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.0 2.3 6.8

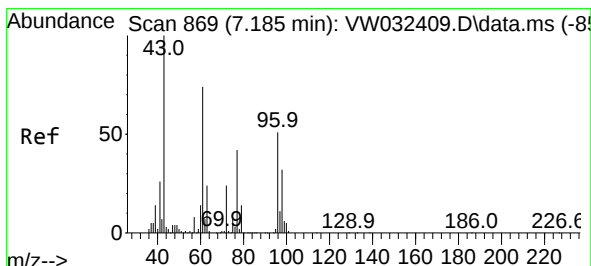
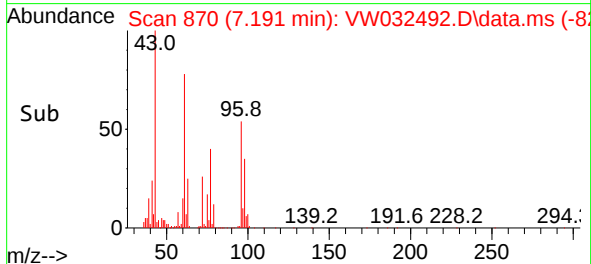
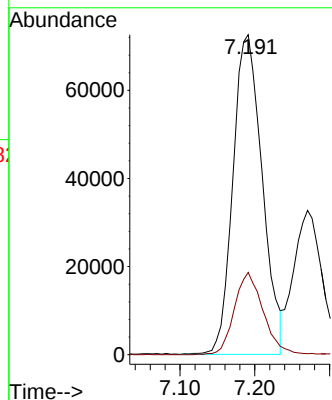
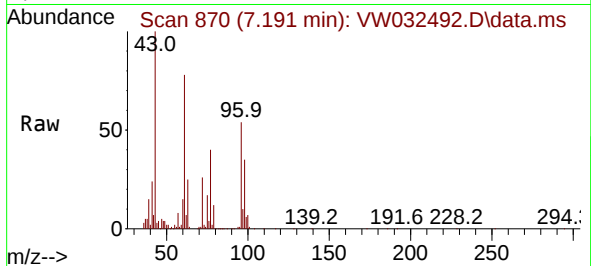




#25
2-Butanone
Concen: 96.163 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

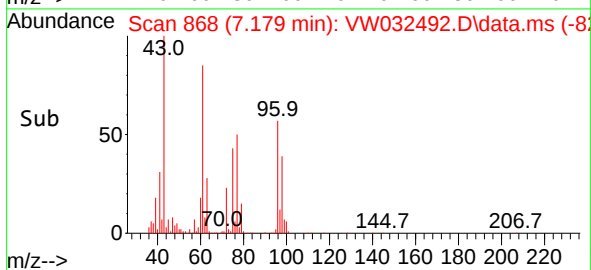
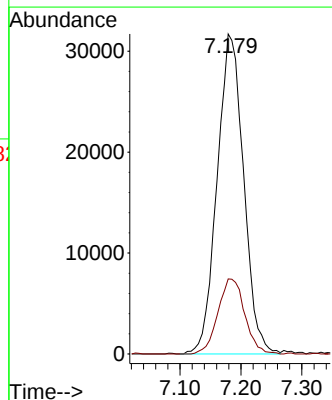
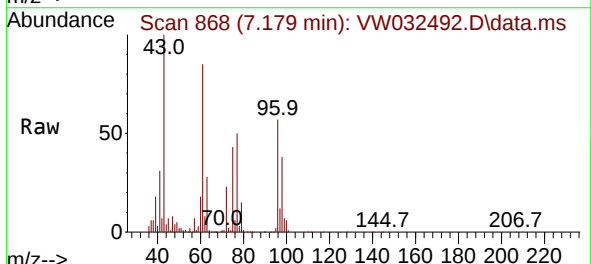
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

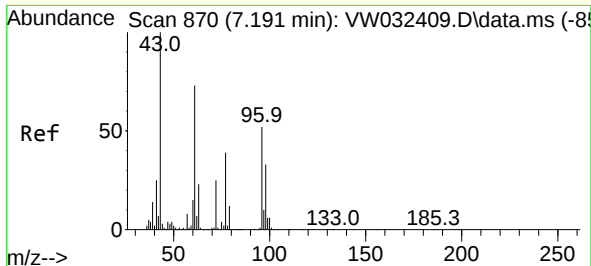
Tgt Ion: 43 Resp: 197486
Ion Ratio Lower Upper
43 100
72 25.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.619 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 77 Resp: 95756
Ion Ratio Lower Upper
77 100
97 23.7 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 20.759 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

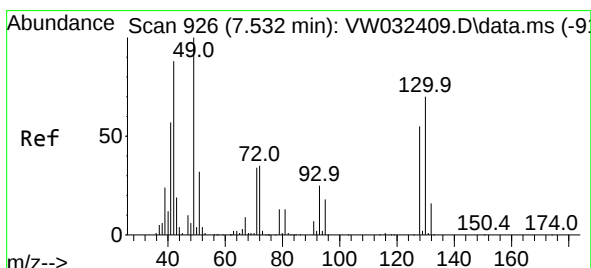
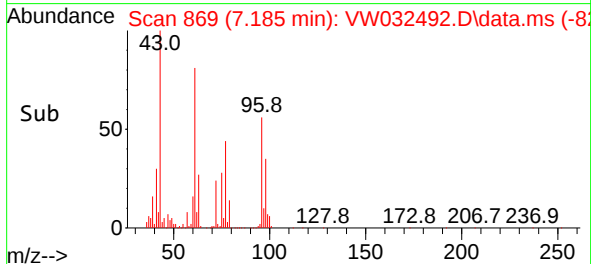
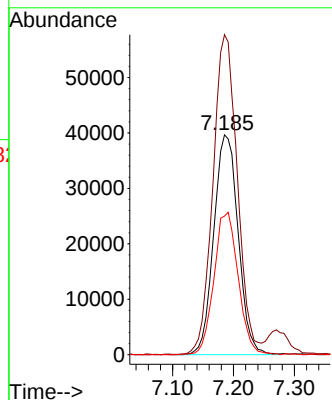
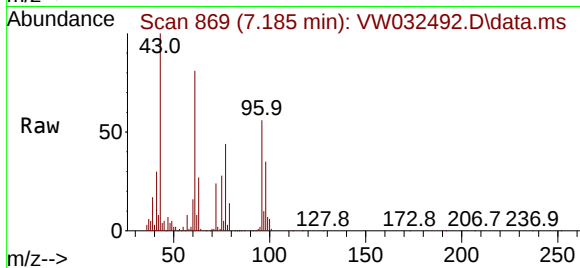
Tgt Ion: 96 Resp: 110174

Ion Ratio Lower Upper

96 100

61 145.4 0.0 282.6

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 21.961 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

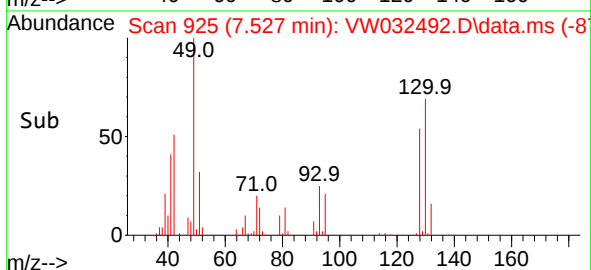
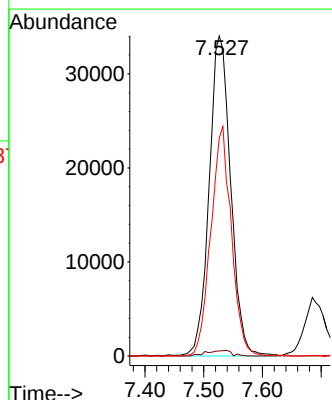
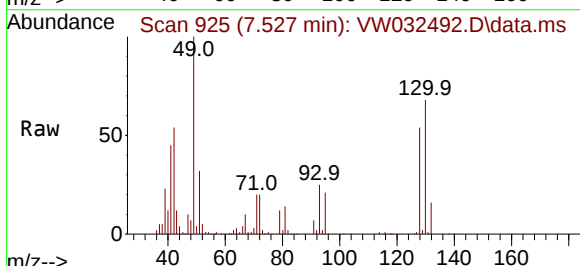
Tgt Ion: 49 Resp: 86496

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 68.3 56.9 85.3





#29

Tetrahydrofuran

Concen: 96.449 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

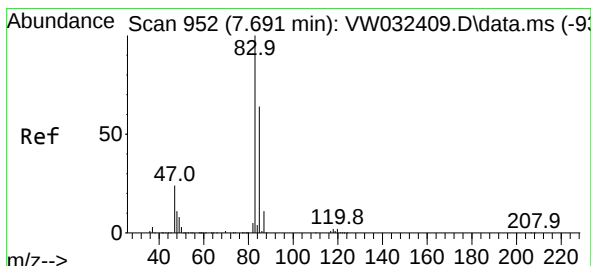
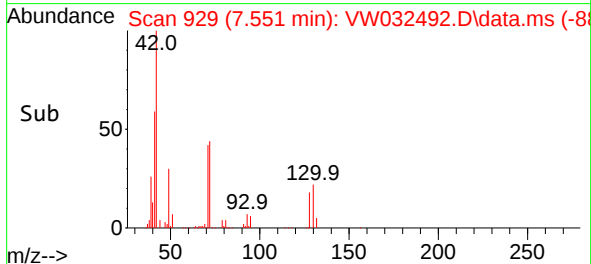
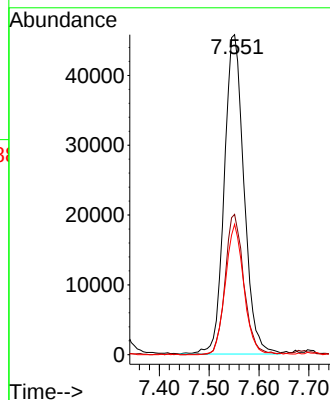
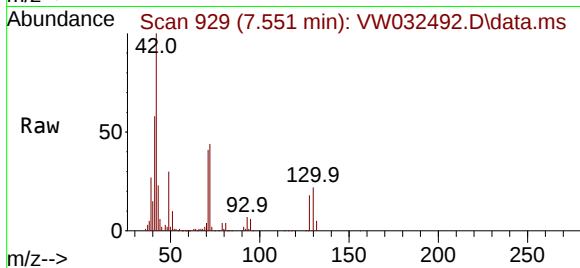
Tgt Ion: 42 Resp: 125719

Ion Ratio Lower Upper

42 100

72 41.5 33.6 50.4

71 38.6 31.4 47.0



#30

Chloroform

Concen: 21.899 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW032492.D

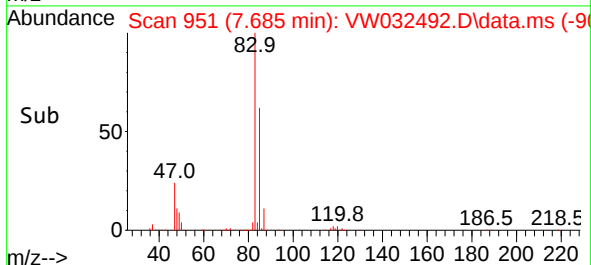
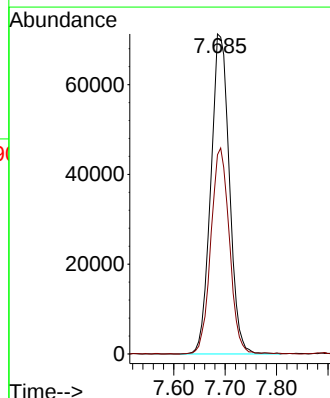
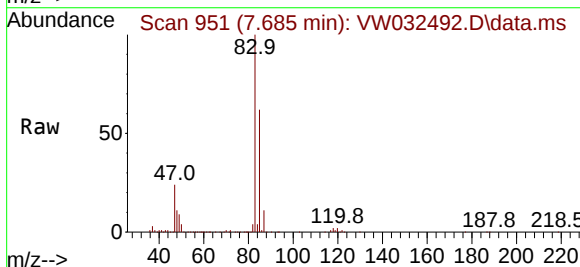
Acq: 19 Nov 2025 11:11

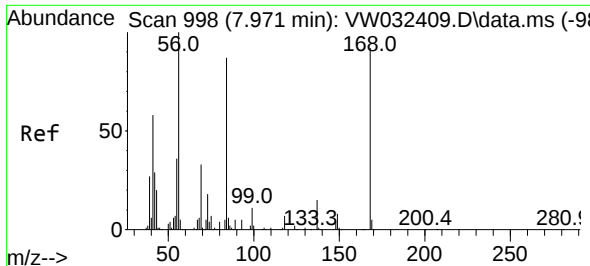
Tgt Ion: 83 Resp: 178648

Ion Ratio Lower Upper

83 100

85 62.3 51.0 76.4

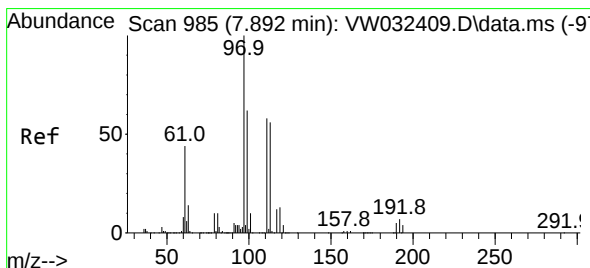
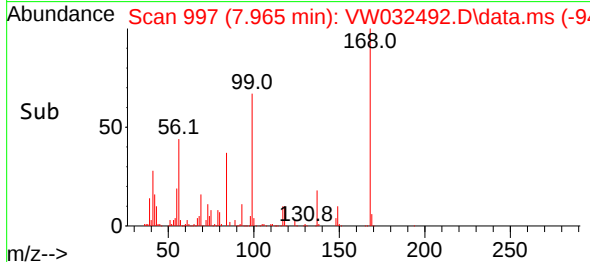
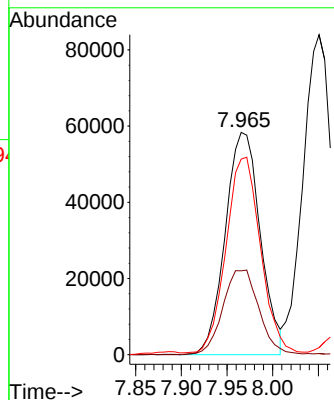
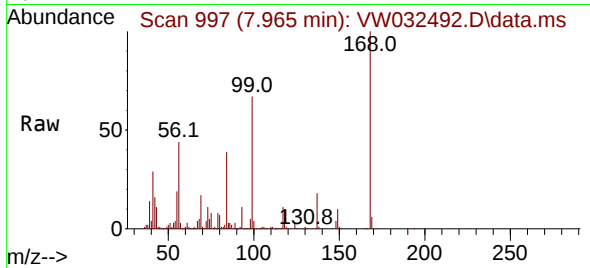




#31
Cyclohexane
Concen: 20.177 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

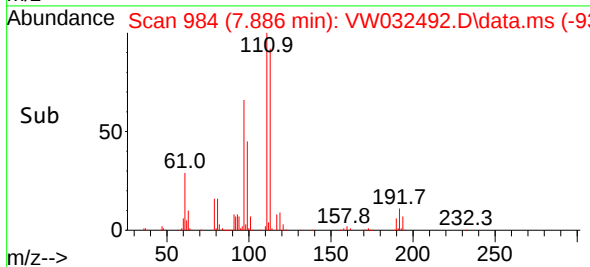
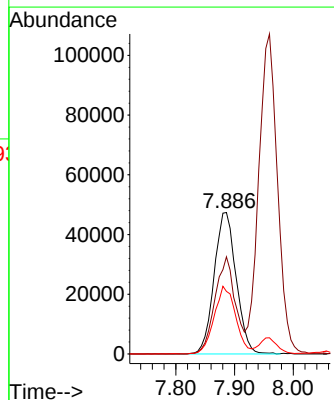
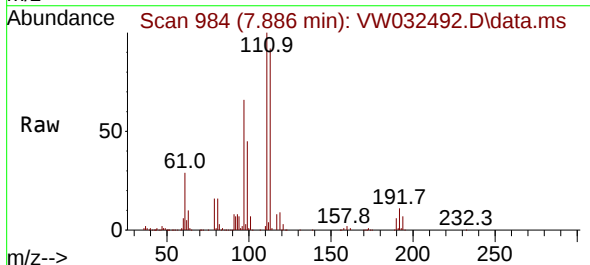
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

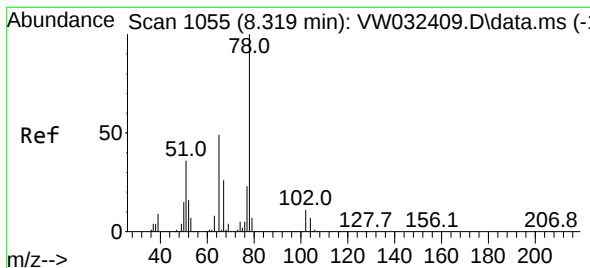
Tgt Ion: 56 Resp: 155531
Ion Ratio Lower Upper
56 100
69 37.7 26.5 39.7
84 87.2 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 21.171 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 97 Resp: 123378
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.8
61 46.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 52.200 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

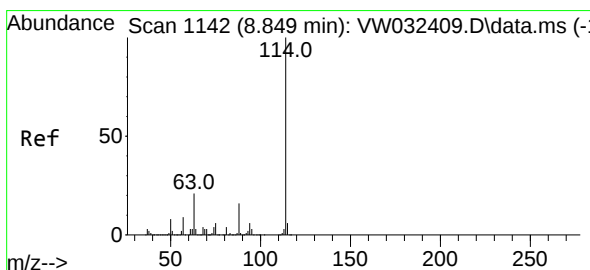
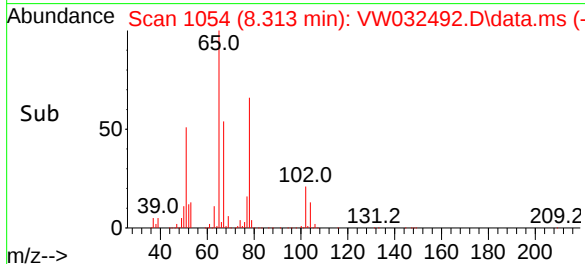
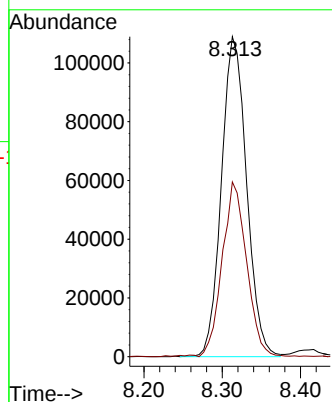
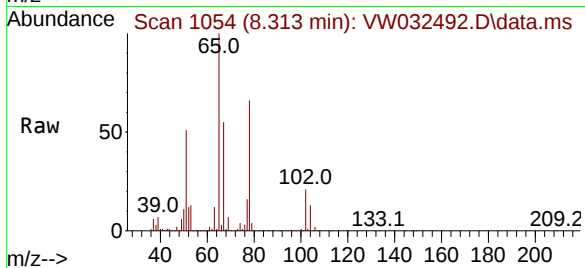
VW1119SBS01

Tgt Ion: 65 Resp: 243218

Ion Ratio Lower Upper

65 100

67 53.3 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: VW032492.D

Acq: 19 Nov 2025 11:11

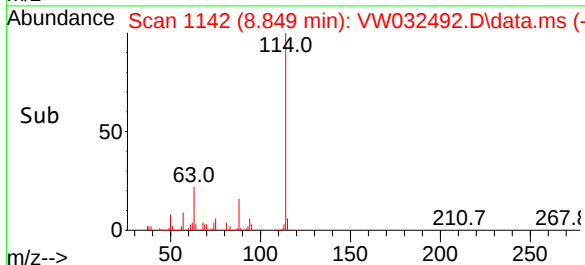
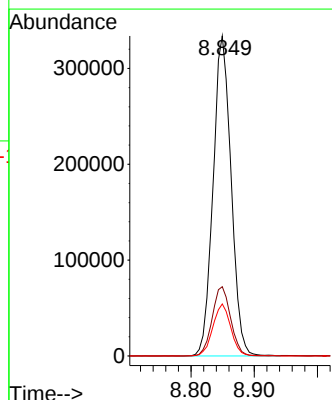
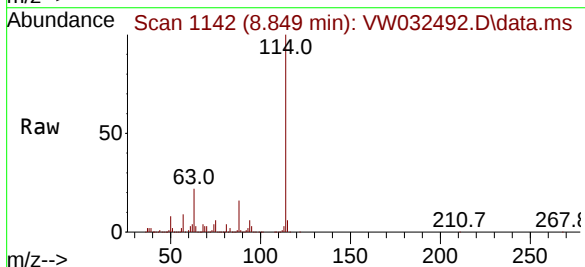
Tgt Ion: 114 Resp: 660085

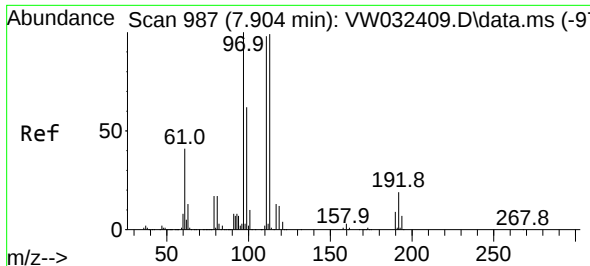
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.3 0.0 32.6

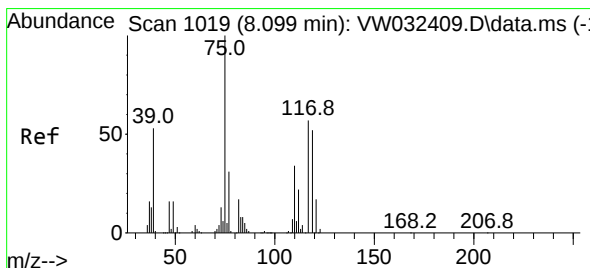
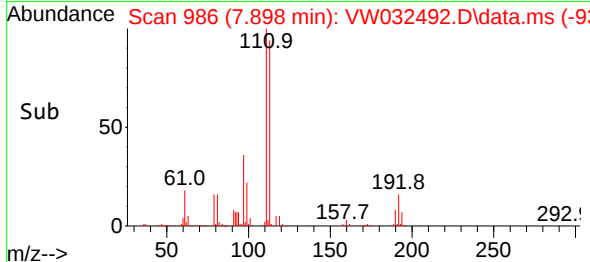
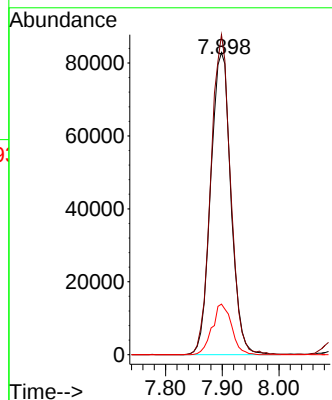
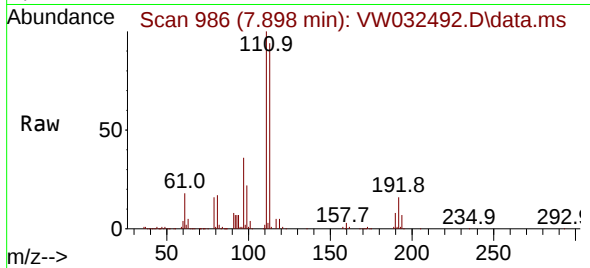




#35
 Dibromofluoromethane
 Concen: 51.753 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

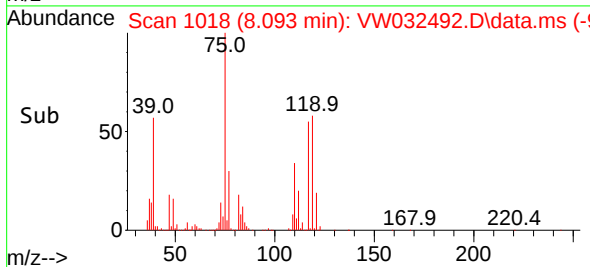
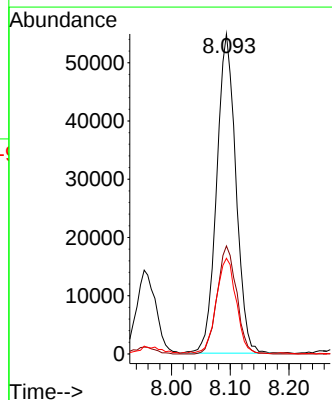
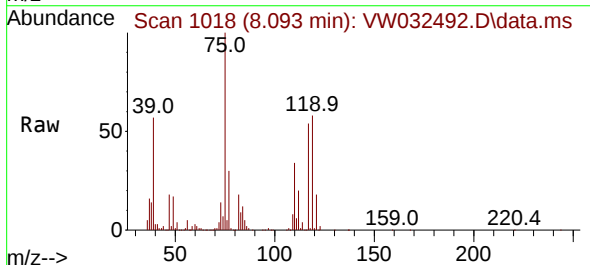
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

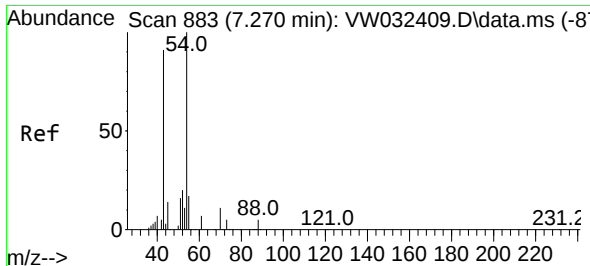
Tgt Ion:113 Resp: 204531
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 16.2 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 21.377 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

Tgt Ion: 75 Resp: 124481
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.2 51.5
 77 31.0 24.5 36.7

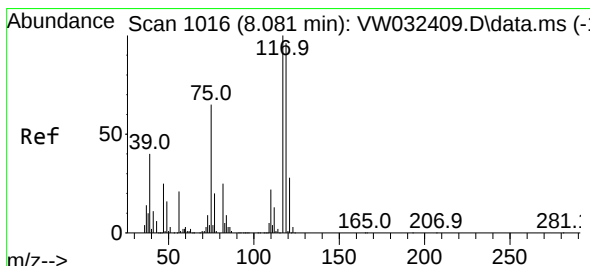
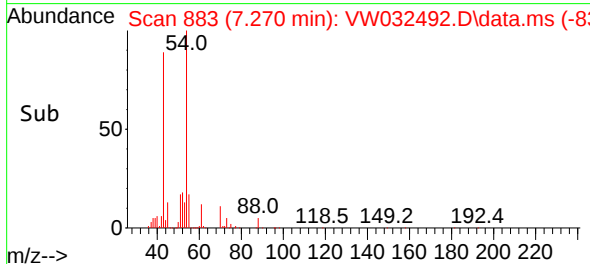
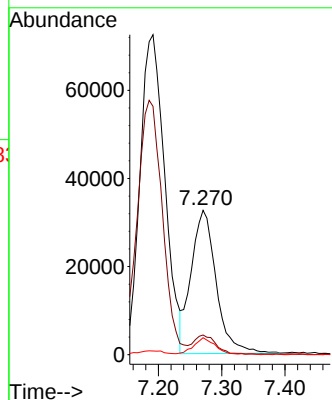
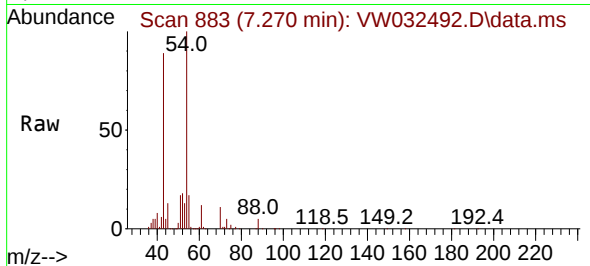




#37
Ethyl Acetate
Concen: 20.742 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

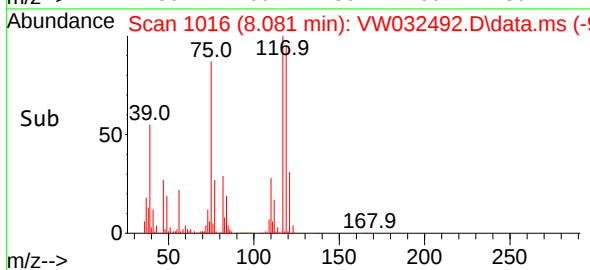
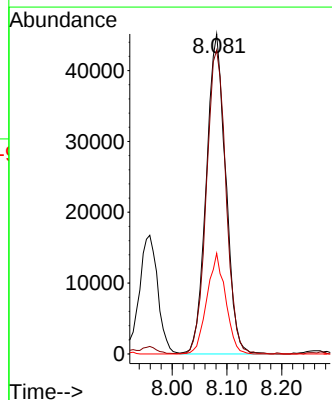
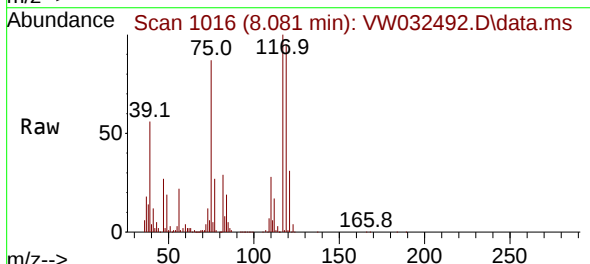
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

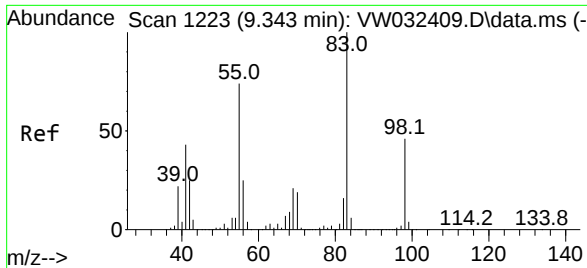
Tgt Ion: 43 Resp: 89812
Ion Ratio Lower Upper
43 100
61 11.6 11.0 16.6
70 9.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 21.382 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 117 Resp: 110629
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
121 31.5 22.0 33.0





#39

Methylcyclohexane

Concen: 19.601 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

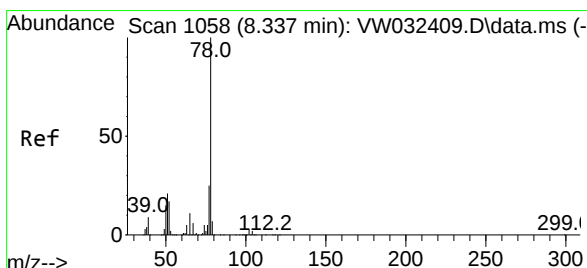
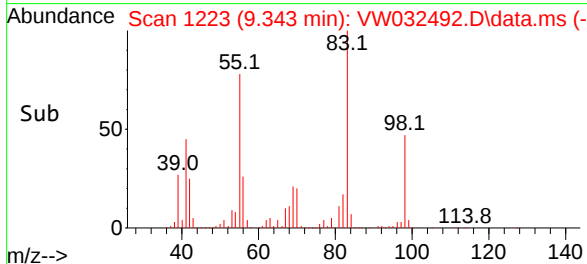
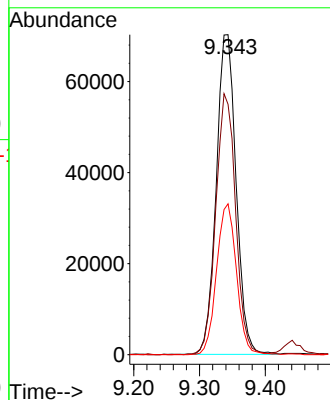
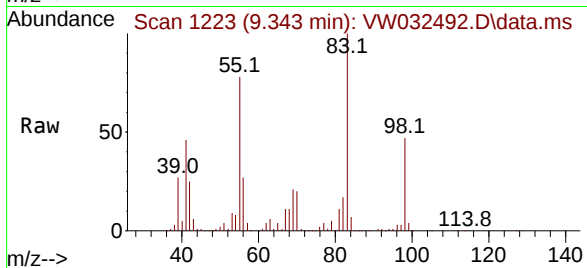
Tgt Ion: 83 Resp: 147857

Ion Ratio Lower Upper

83 100

55 78.2 59.2 88.8

98 47.2 36.6 54.8



#40

Benzene

Concen: 21.403 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032492.D

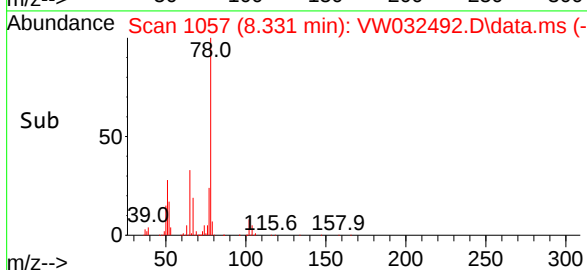
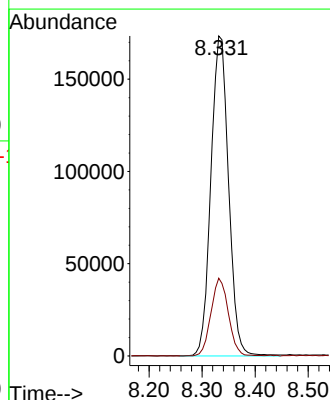
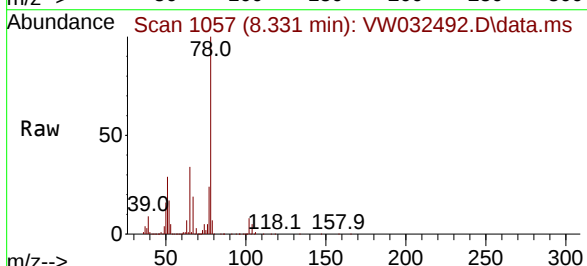
Acq: 19 Nov 2025 11:11

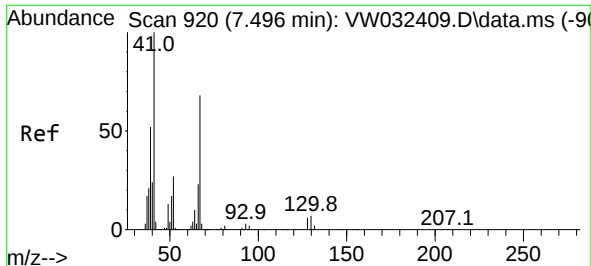
Tgt Ion: 78 Resp: 401357

Ion Ratio Lower Upper

78 100

77 24.3 19.6 29.4

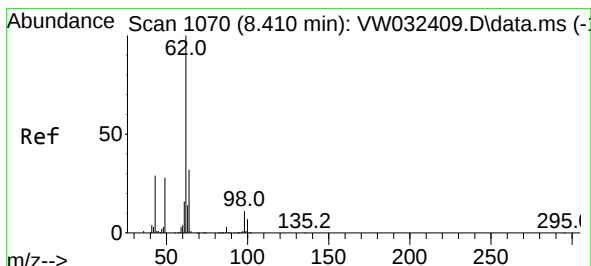
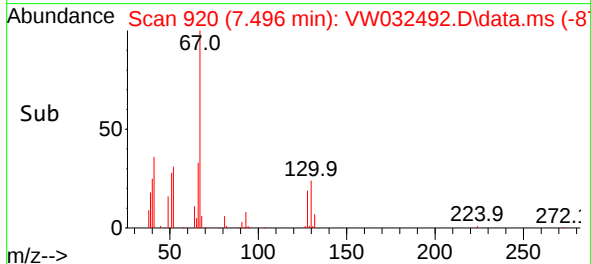
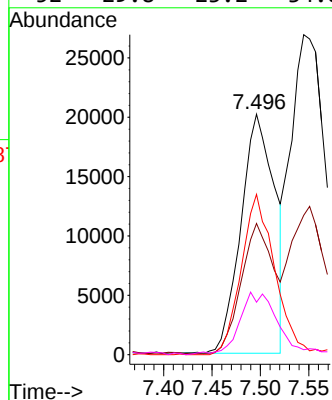
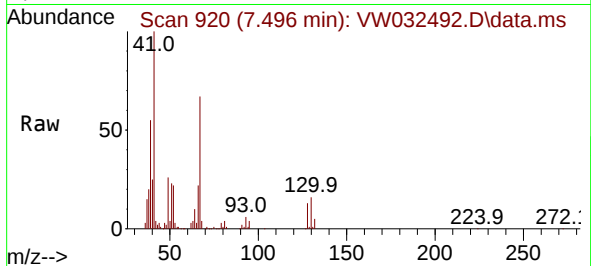




#41
Methacrylonitrile
Concen: 20.506 ug/l
RT: 7.496 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

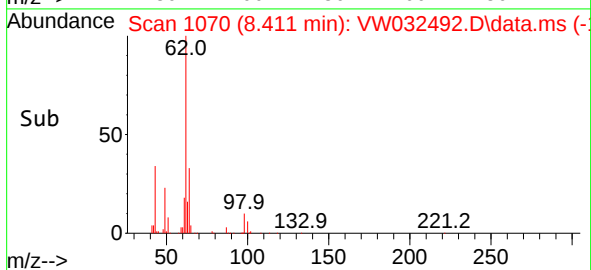
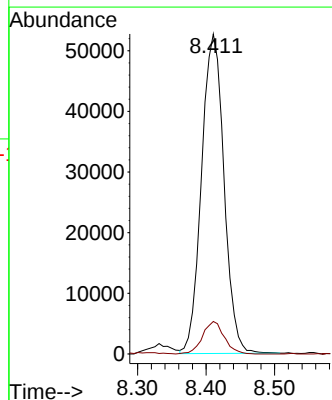
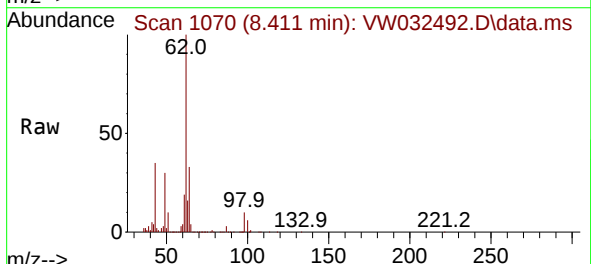
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

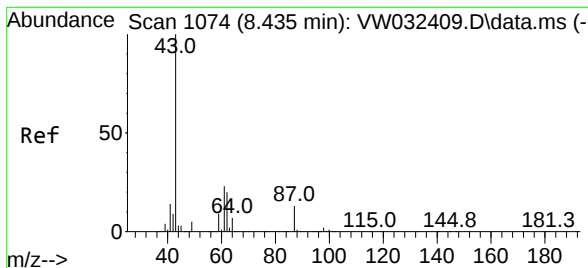
Tgt Ion:	41	Resp:	48775
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.6	66.8
67	68.1	57.6	86.4
52	29.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.849 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:	62	Resp:	120348
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.513 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

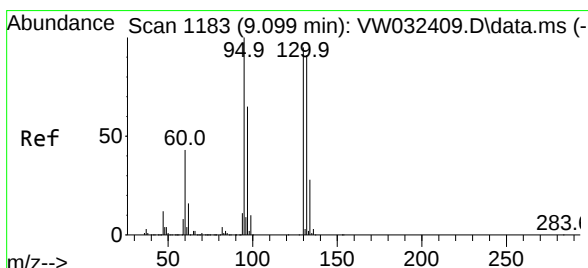
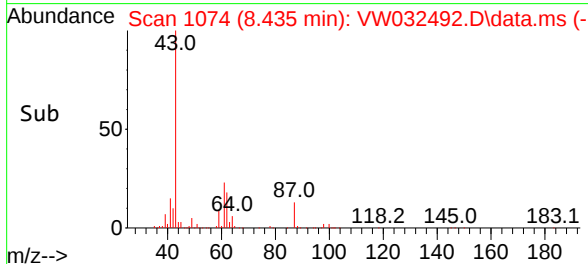
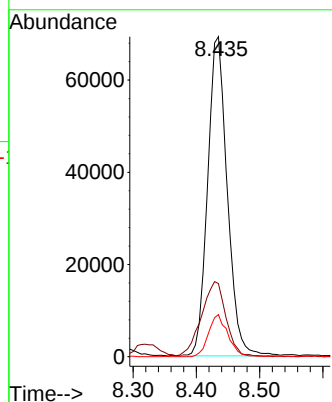
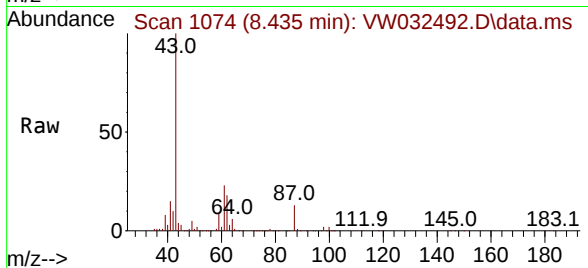
Tgt Ion: 43 Resp: 149609

Ion Ratio Lower Upper

43 100

61 29.6 22.6 33.8

87 12.9 10.6 15.8



#44

Trichloroethene

Concen: 20.695 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW032492.D

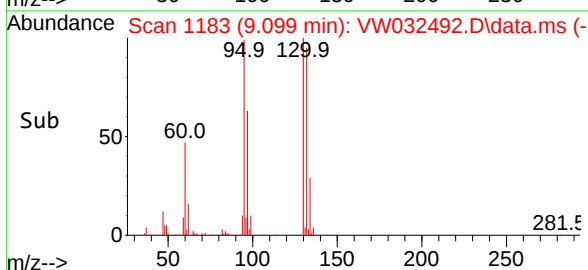
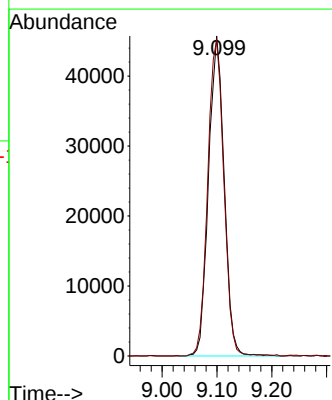
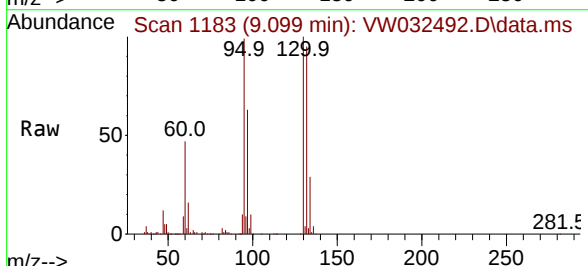
Acq: 19 Nov 2025 11:11

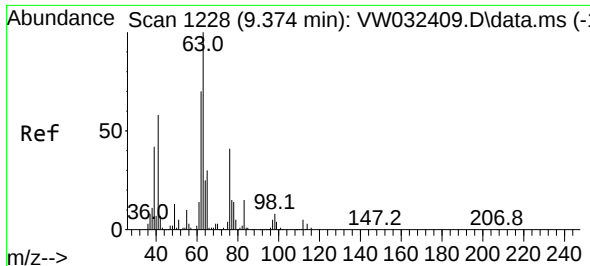
Tgt Ion:130 Resp: 90301

Ion Ratio Lower Upper

130 100

95 98.8 0.0 209.6

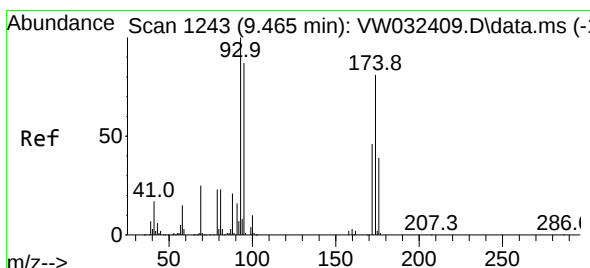
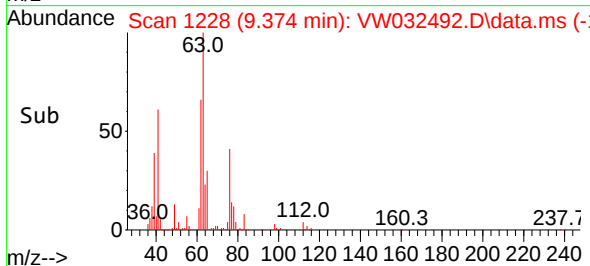
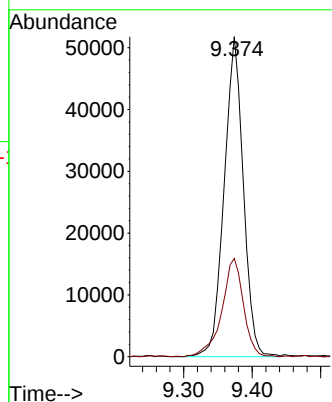
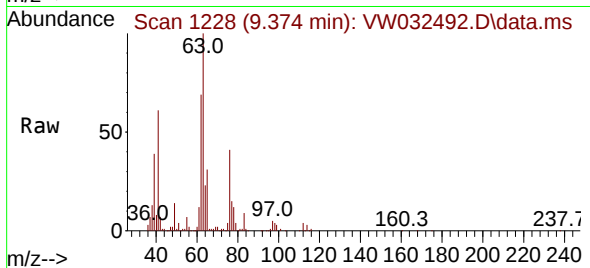




#45
1,2-Dichloropropane
Concen: 21.503 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

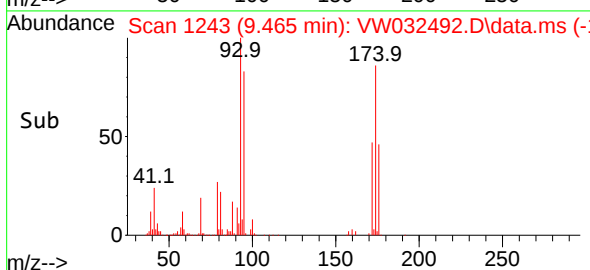
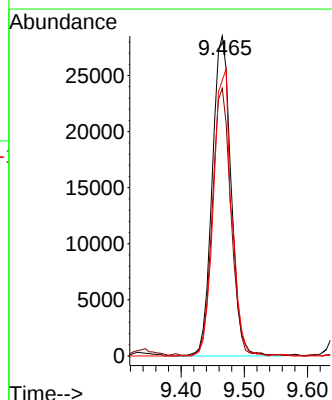
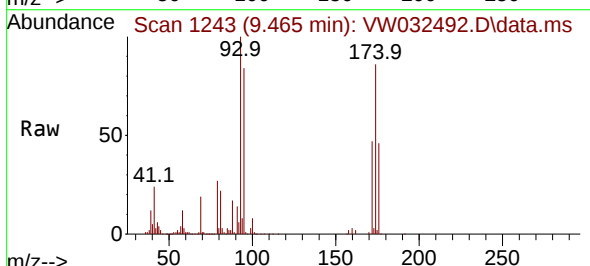
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

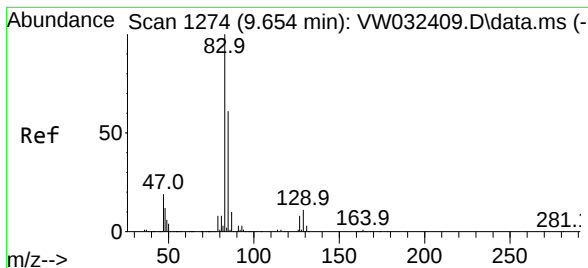
Tgt Ion: 63 Resp: 100404
Ion Ratio Lower Upper
63 100
65 30.7 24.4 36.6



#46
Dibromomethane
Concen: 21.556 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 93 Resp: 58816
Ion Ratio Lower Upper
93 100
95 82.1 67.1 100.7
174 86.4 68.2 102.4





#47

Bromodichloromethane

Concen: 20.823 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

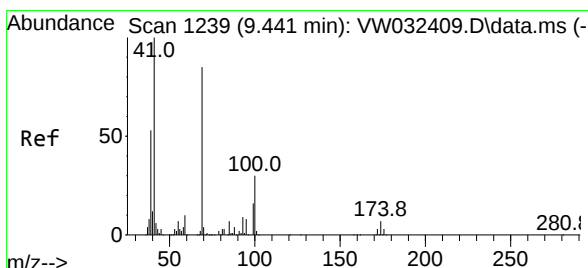
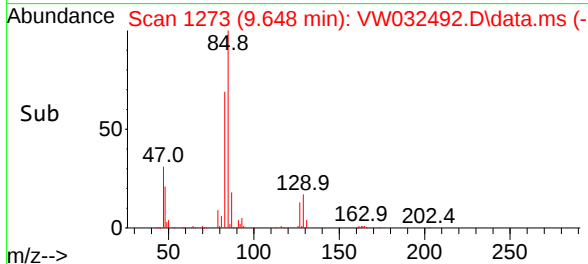
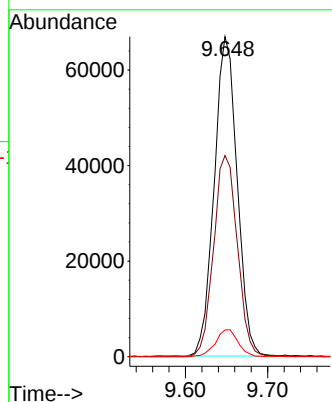
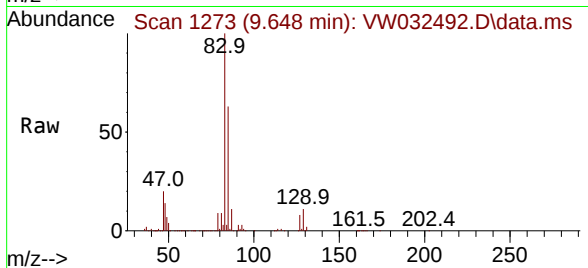
Tgt Ion: 83 Resp: 129606

Ion Ratio Lower Upper

83 100

85 63.0 48.7 73.1

127 8.4 6.3 9.5



#48

Methyl methacrylate

Concen: 18.333 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

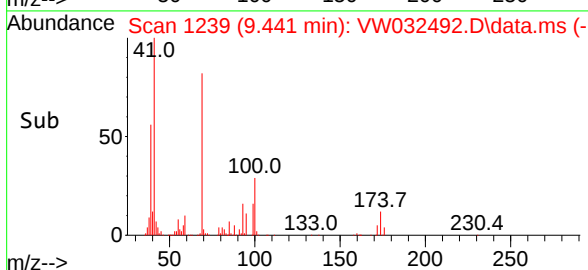
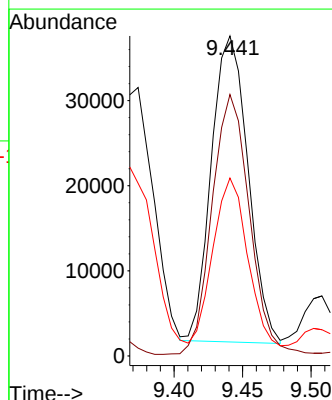
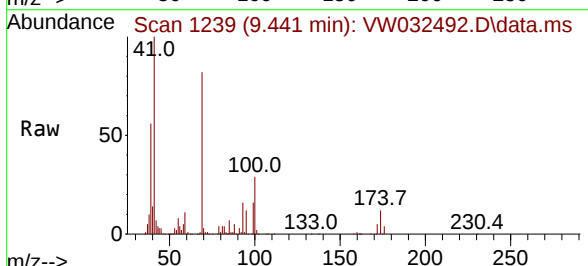
Tgt Ion: 41 Resp: 66792

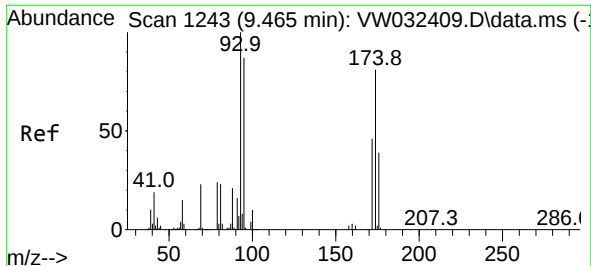
Ion Ratio Lower Upper

41 100

69 86.9 65.8 98.6

39 51.6 38.6 57.8

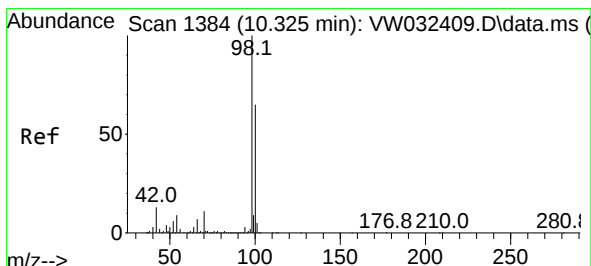
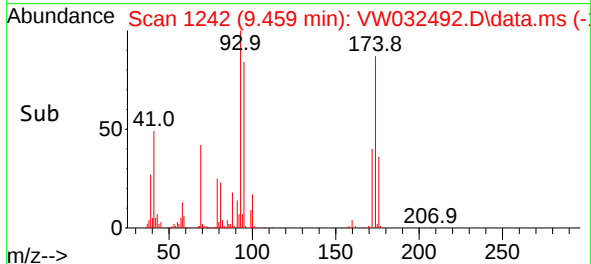
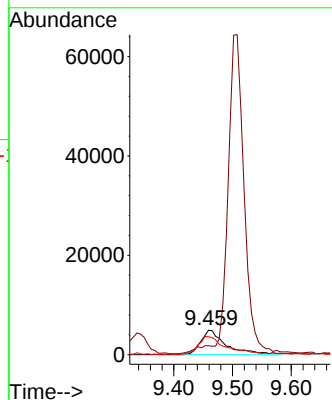
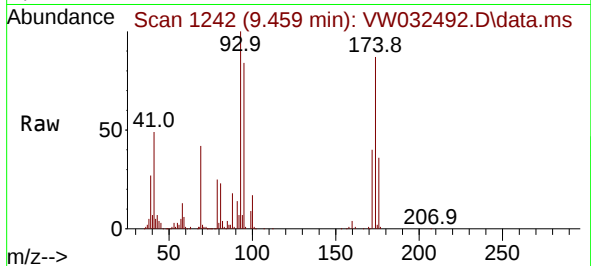




#49
1,4-Dioxane
Concen: 388.079 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

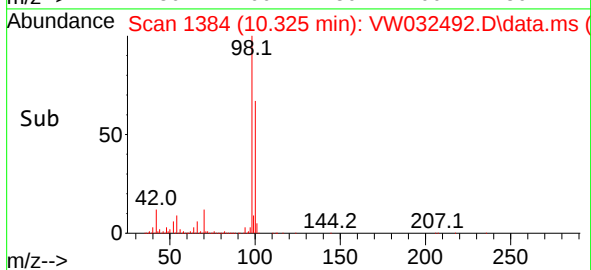
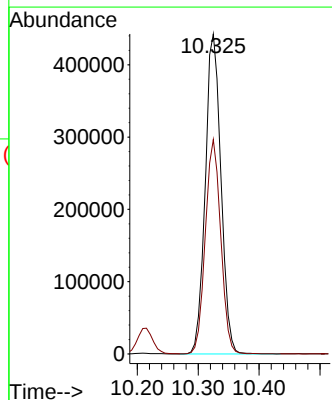
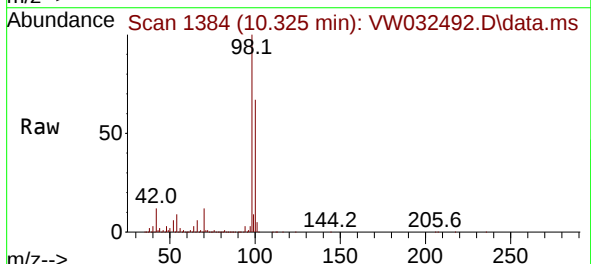
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

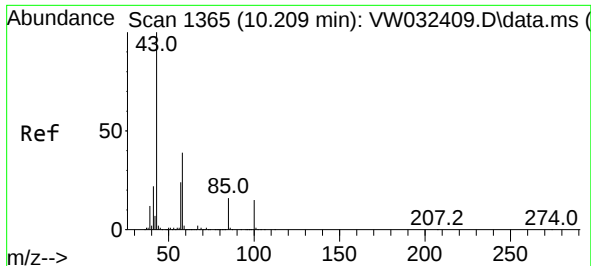
Tgt Ion: 88 Resp: 14834
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 82.1 63.0 94.4



#50
Toluene-d8
Concen: 52.153 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 98 Resp: 790714
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9

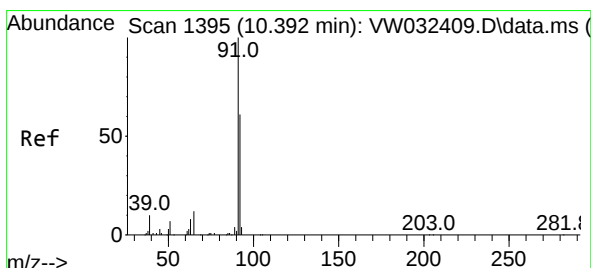
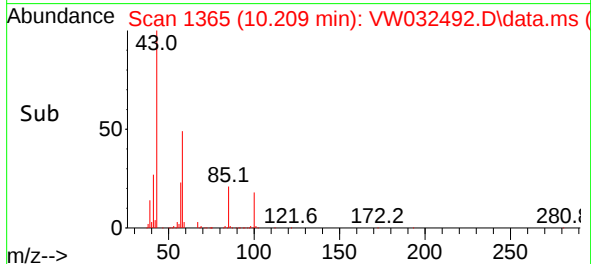
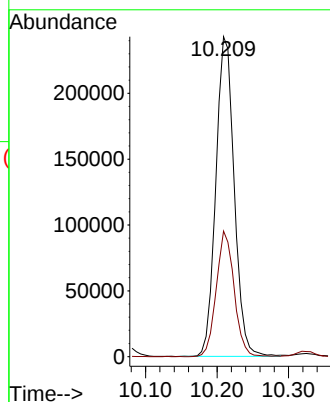
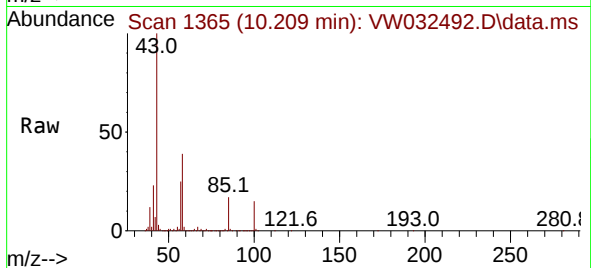




#51
4-Methyl-2-Pentanone
Concen: 102.263 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

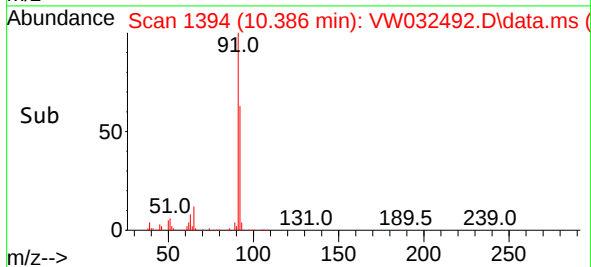
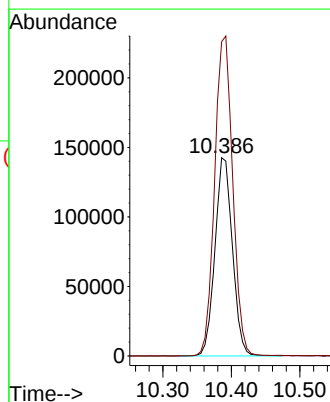
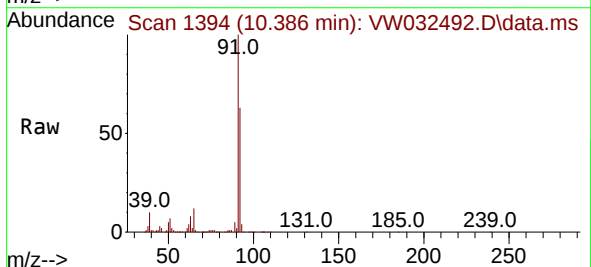
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

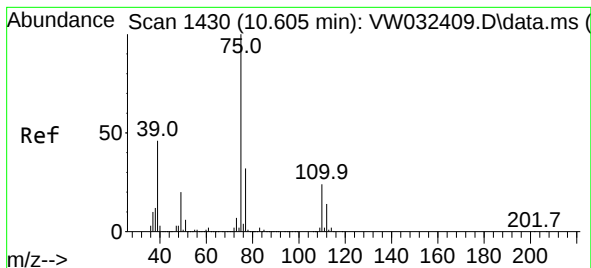
Tgt Ion: 43 Resp: 433442
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 21.791 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 92 Resp: 252405
Ion Ratio Lower Upper
92 100
91 166.9 136.6 205.0

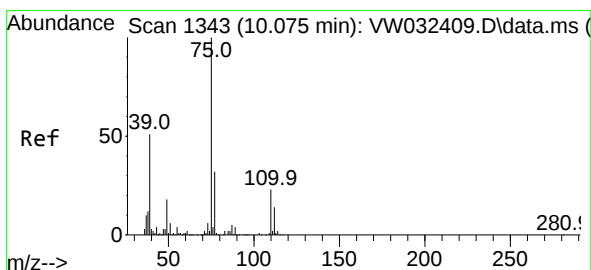
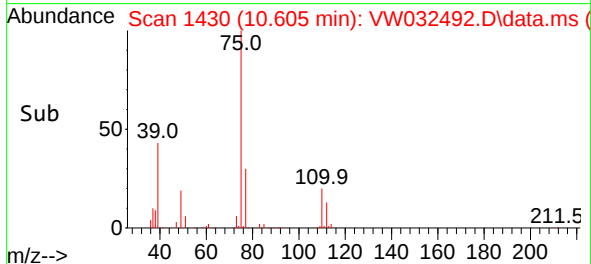
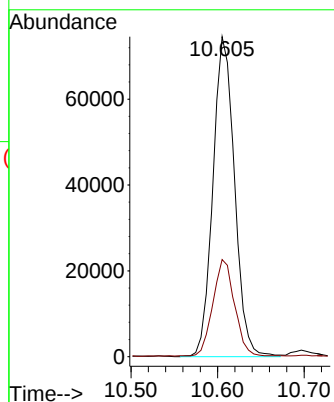
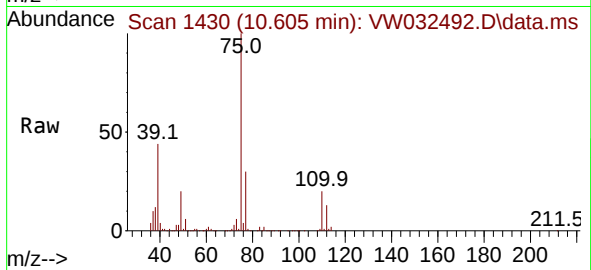




#53
t-1,3-Dichloropropene
Concen: 20.189 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

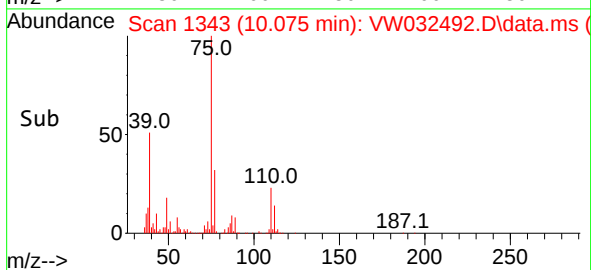
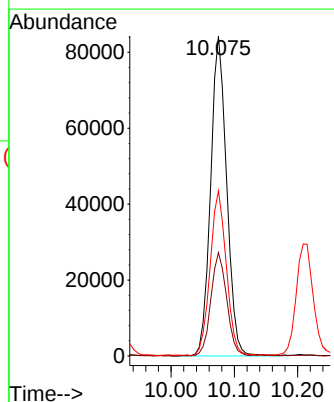
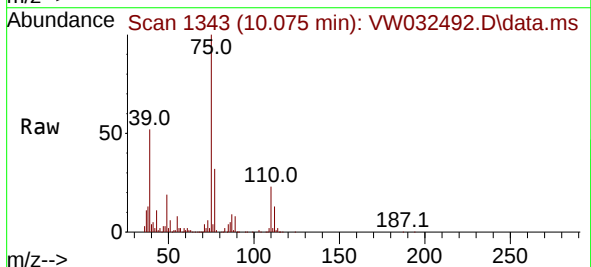
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

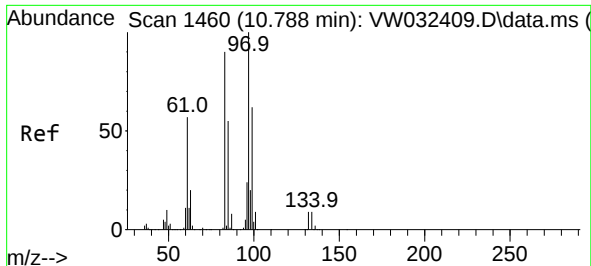
Tgt Ion: 75 Resp: 129416
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.037 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 75 Resp: 148531
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 51.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 21.196 ug/l

RT: 10.788 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

Tgt Ion: 97 Resp: 79341

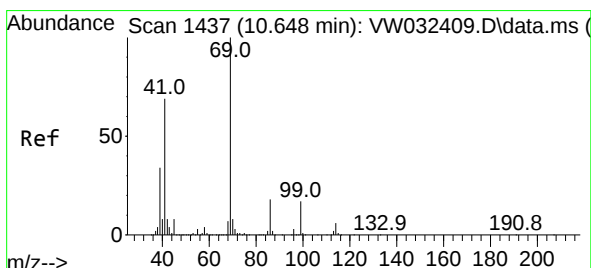
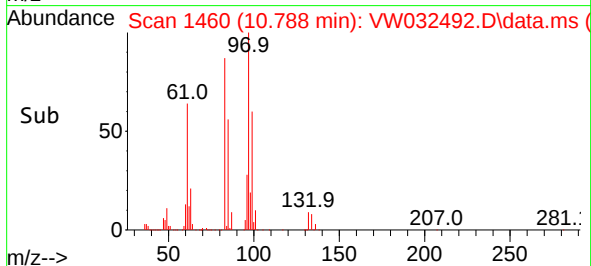
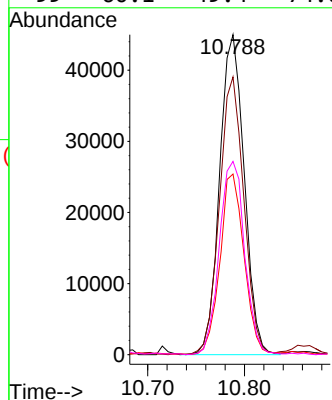
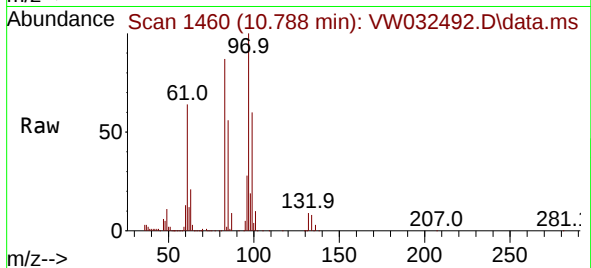
Ion Ratio Lower Upper

97 100

83 86.6 72.2 108.4

85 56.2 43.8 65.8

99 60.1 49.4 74.0



#56

Ethyl methacrylate

Concen: 19.120 ug/l

RT: 10.642 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

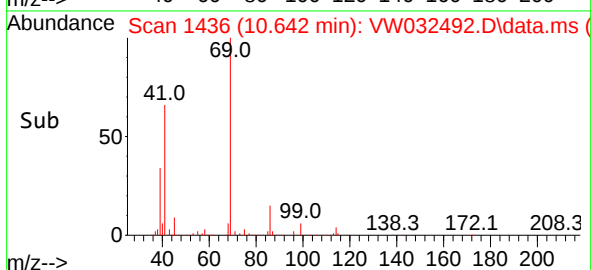
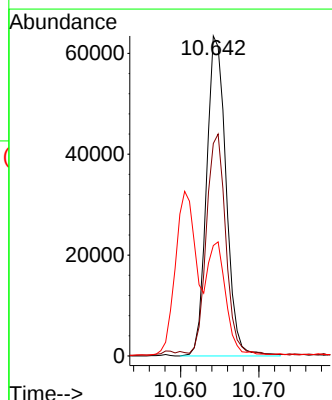
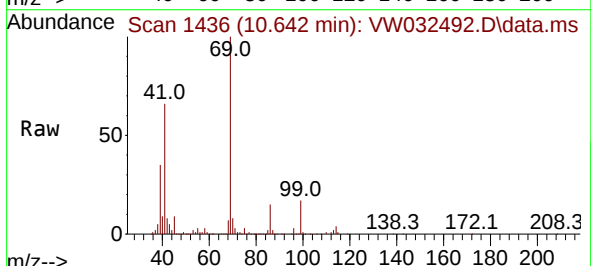
Tgt Ion: 69 Resp: 109811

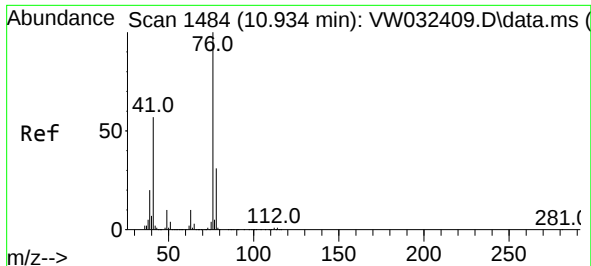
Ion Ratio Lower Upper

69 100

41 69.1 54.4 81.6

39 31.6 25.4 38.0

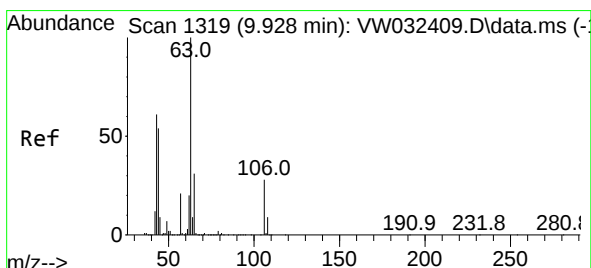
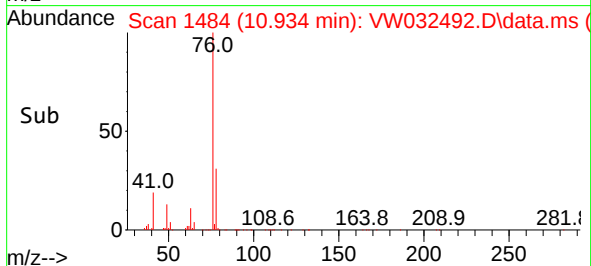
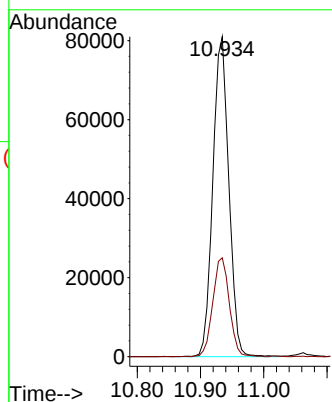
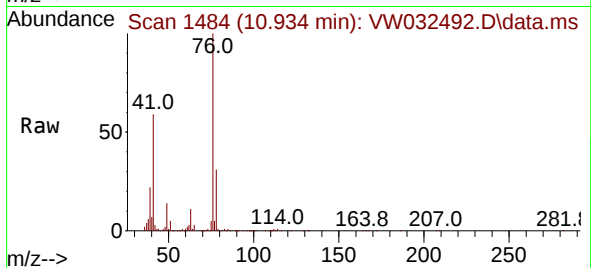




#57
1,3-Dichloropropane
Concen: 21.235 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

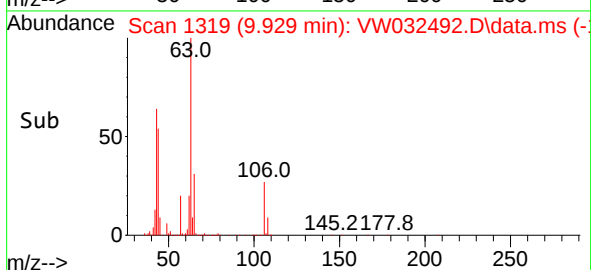
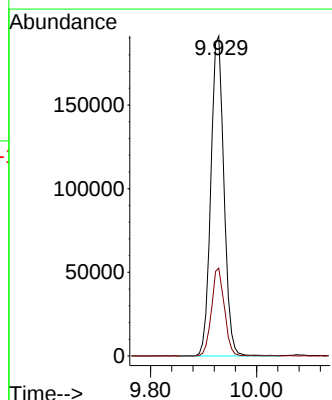
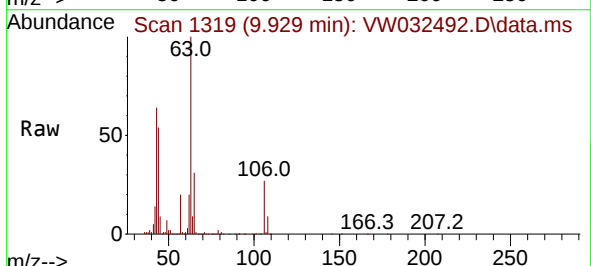
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

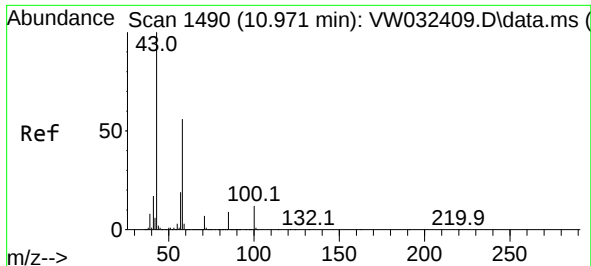
Tgt Ion: 76 Resp: 141967
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 106.985 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 63 Resp: 327225
Ion Ratio Lower Upper
63 100
106 27.1 22.0 33.0

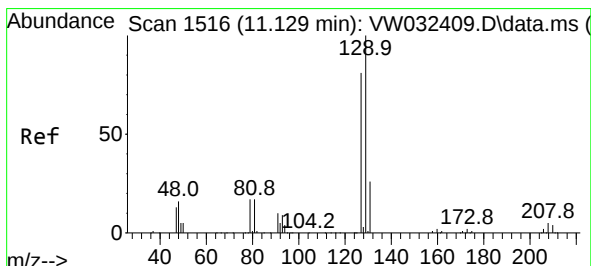
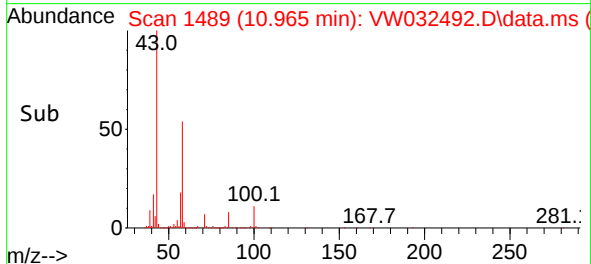
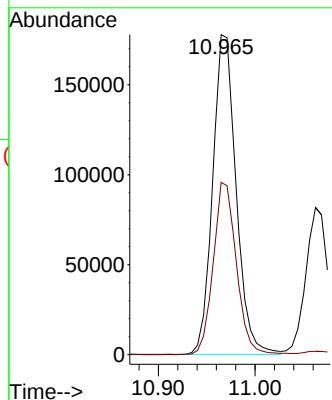
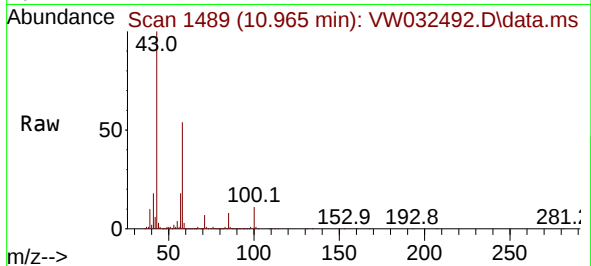




#59
2-Hexanone
Concen: 96.466 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

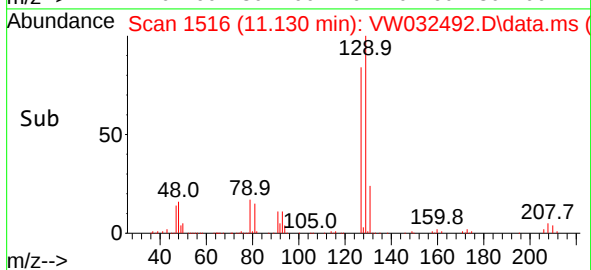
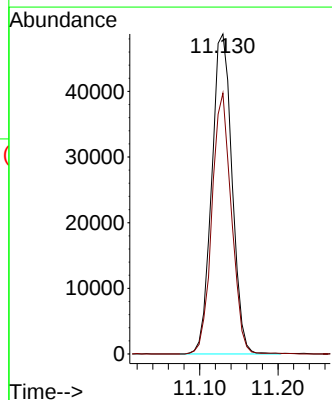
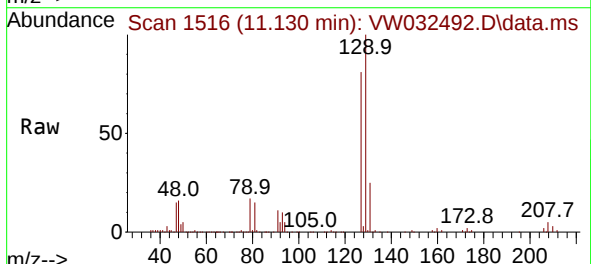
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

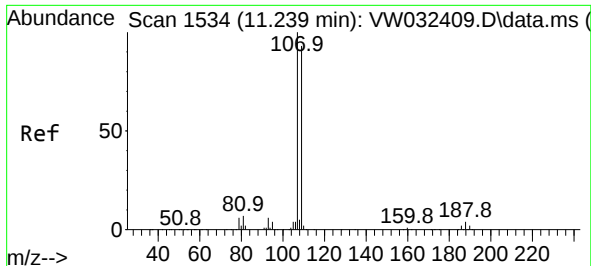
Tgt Ion: 43 Resp: 299147
Ion Ratio Lower Upper
43 100
58 53.3 27.4 82.2



#60
Dibromochloromethane
Concen: 21.051 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 129 Resp: 87995
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

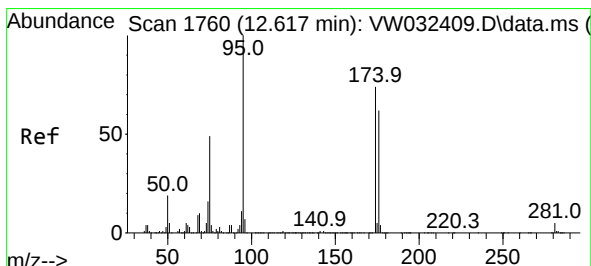
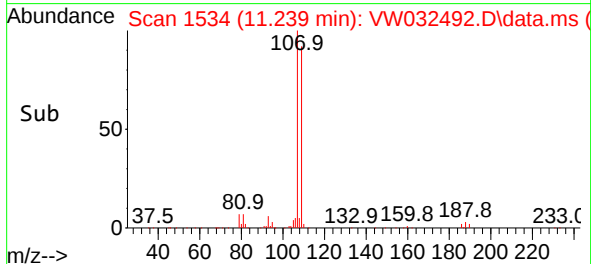
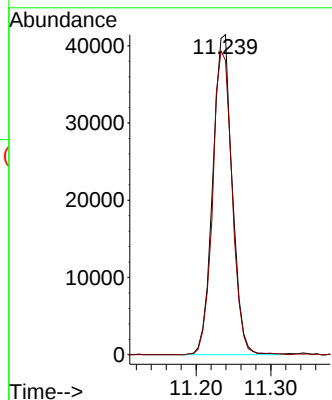
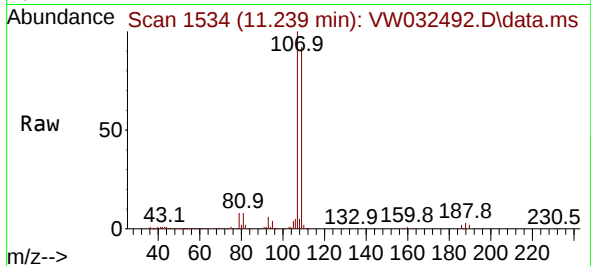




#61
1,2-Dibromoethane
Concen: 20.519 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

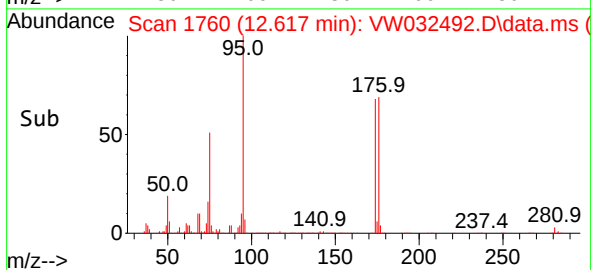
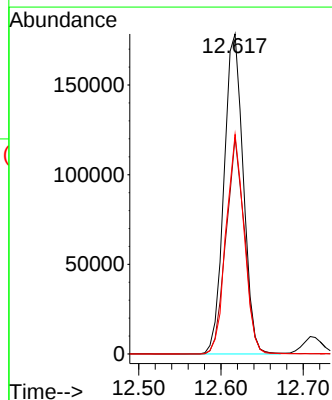
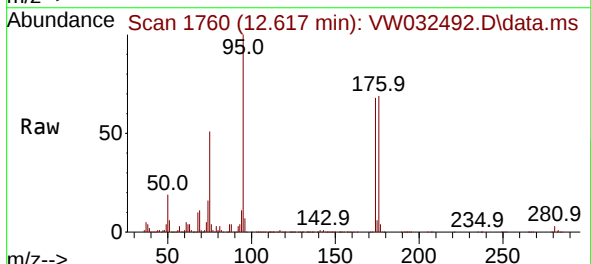
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

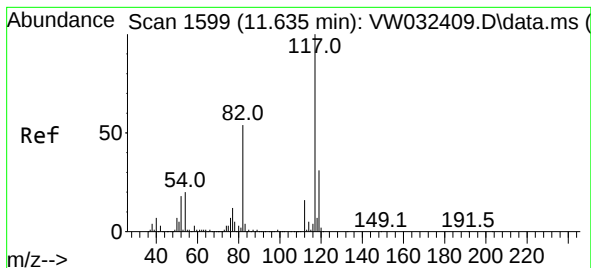
Tgt Ion:107 Resp: 74808
Ion Ratio Lower Upper
107 100
109 95.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 95 Resp: 290609
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.4
176 64.4 0.0 131.8

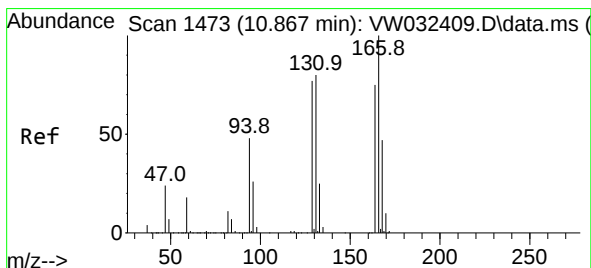
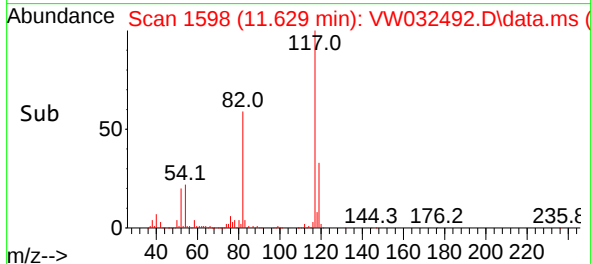
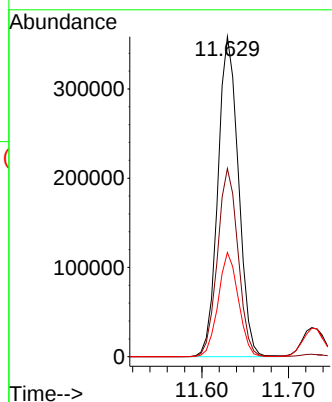
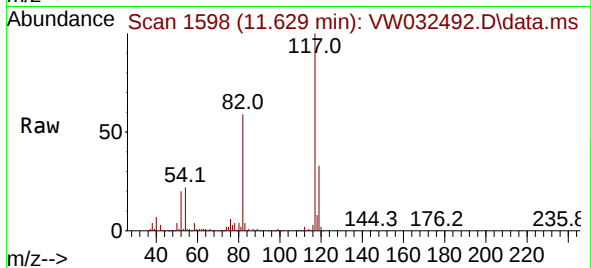




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

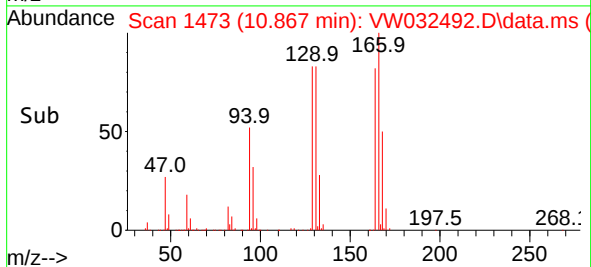
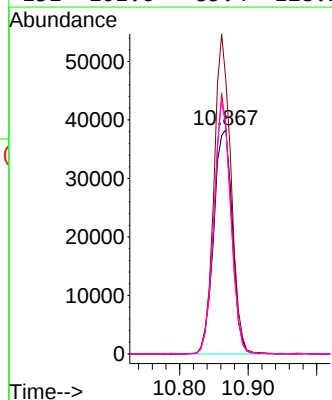
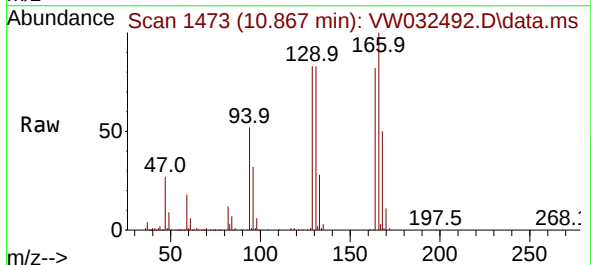
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Tgt Ion:117 Resp: 590674
Ion Ratio Lower Upper
117 100
82 58.8 43.0 64.4
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 20.662 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:164 Resp: 72274
Ion Ratio Lower Upper
164 100
166 122.2 107.0 160.4
129 101.1 82.9 124.3
131 101.6 85.4 128.2





#65

Chlorobenzene

Concen: 21.077 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

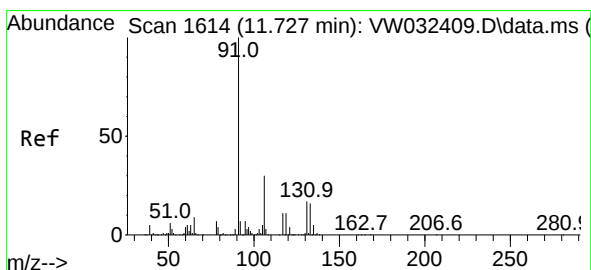
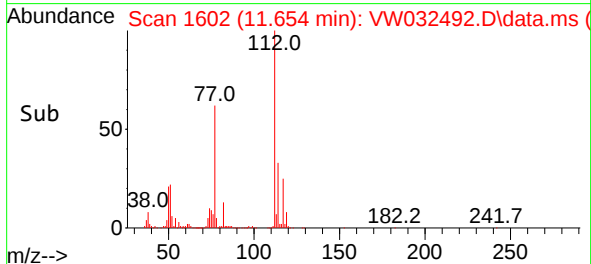
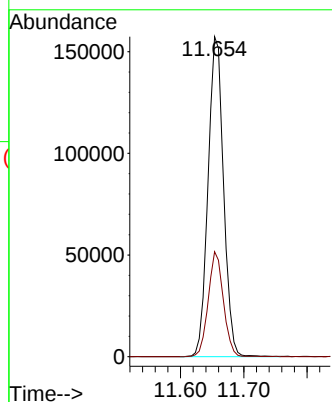
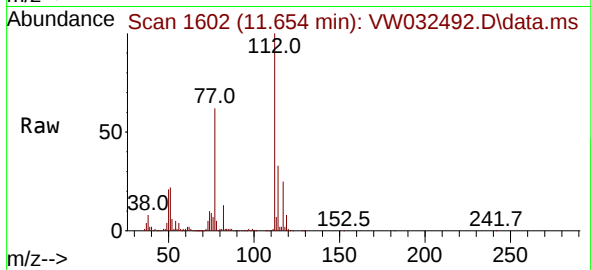
VW1119SBS01

Tgt Ion:112 Resp: 268333

Ion Ratio Lower Upper

112 100

114 32.8 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.773 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

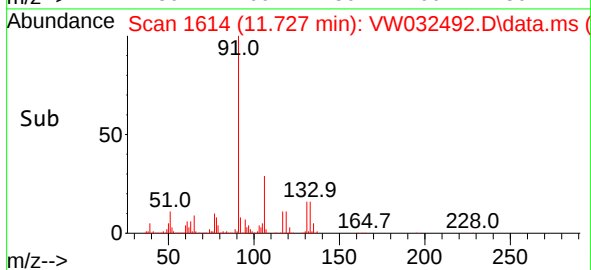
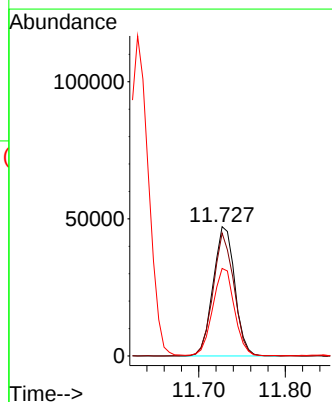
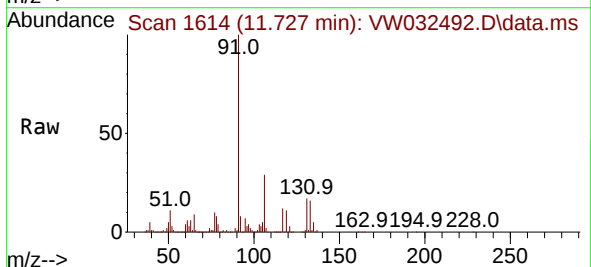
Tgt Ion:131 Resp: 81845

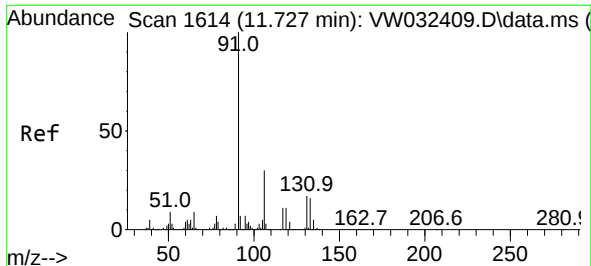
Ion Ratio Lower Upper

131 100

133 92.0 46.9 140.6

119 67.4 33.4 100.2

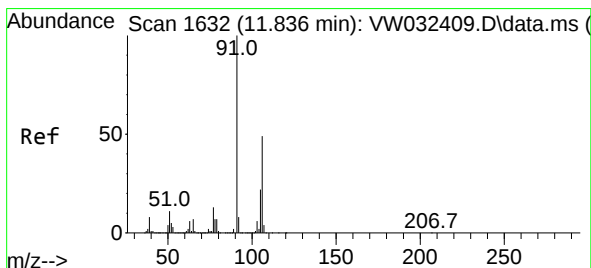
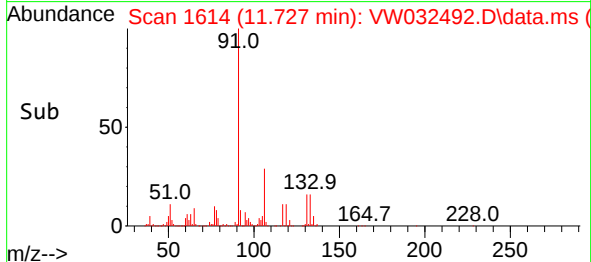
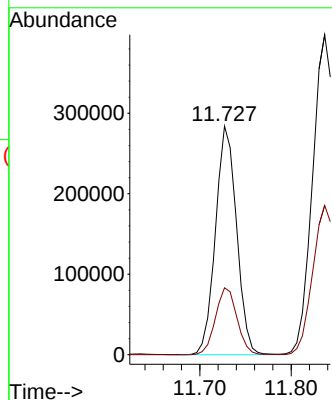
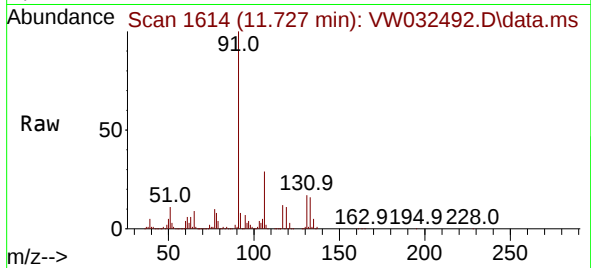




#67
Ethyl Benzene
Concen: 20.679 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

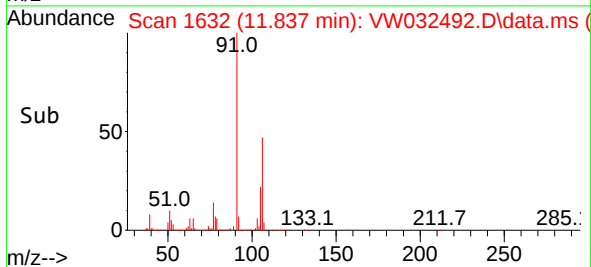
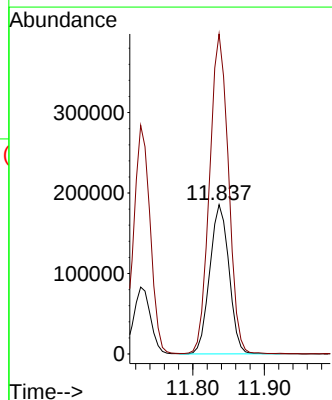
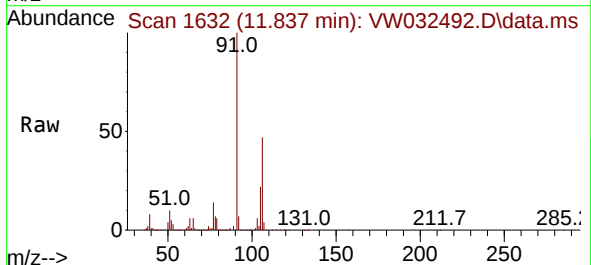
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

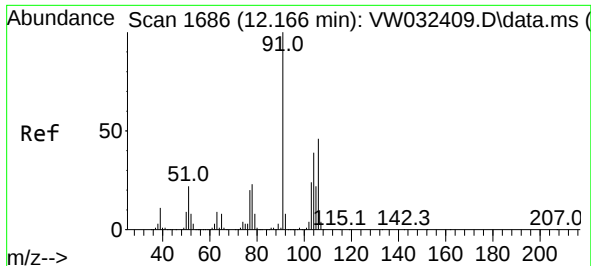
Tgt Ion: 91 Resp: 455523
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2



#68
m/p-Xylenes
Concen: 41.815 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 106 Resp: 345847
Ion Ratio Lower Upper
106 100
91 210.7 165.5 248.3

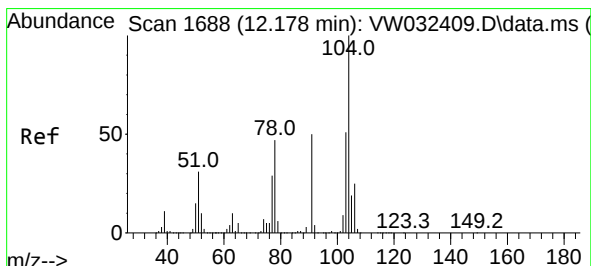
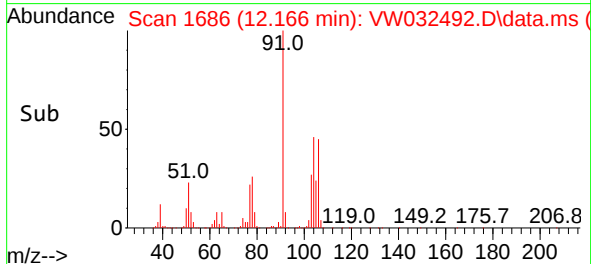
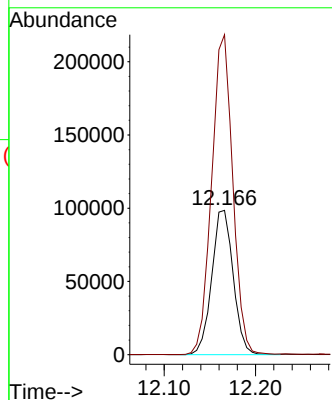
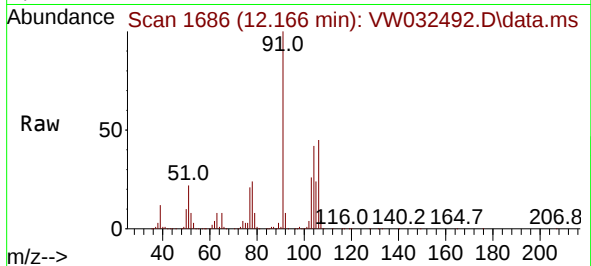




#69
o-Xylene
Concen: 20.324 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

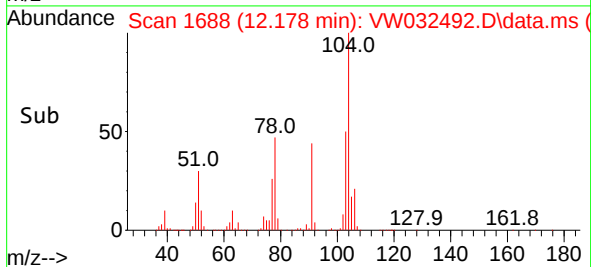
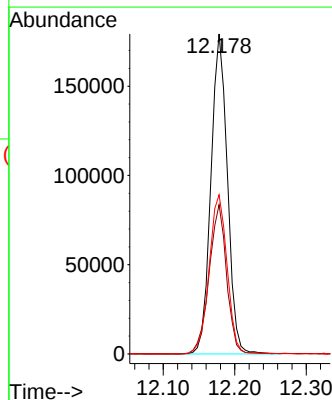
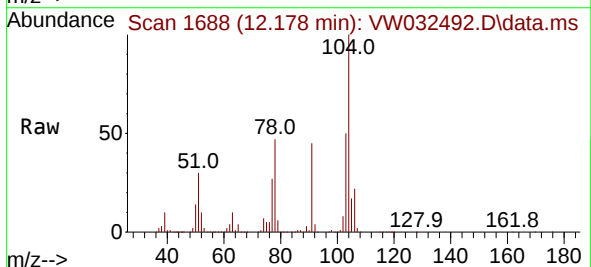
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

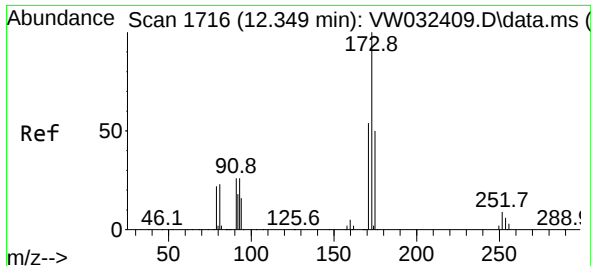
Tgt Ion:106 Resp: 160949
Ion Ratio Lower Upper
106 100
91 218.0 109.3 327.8



#70
Styrene
Concen: 21.078 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:104 Resp: 287144
Ion Ratio Lower Upper
104 100
78 49.6 40.7 61.1
103 54.4 43.9 65.9

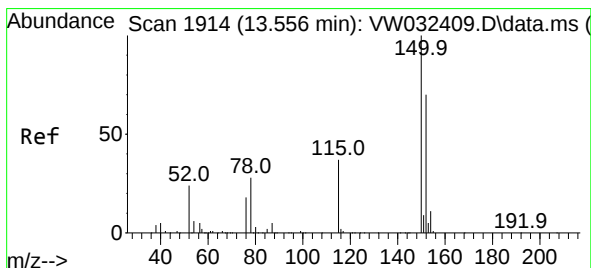
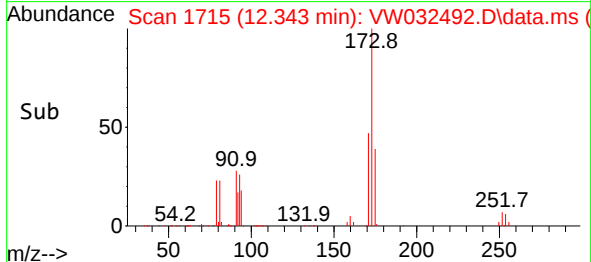
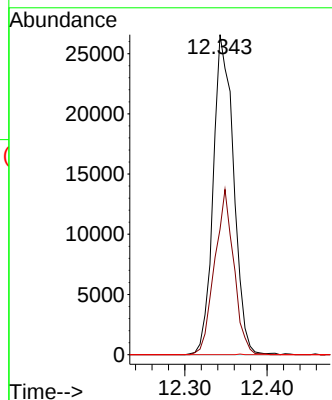
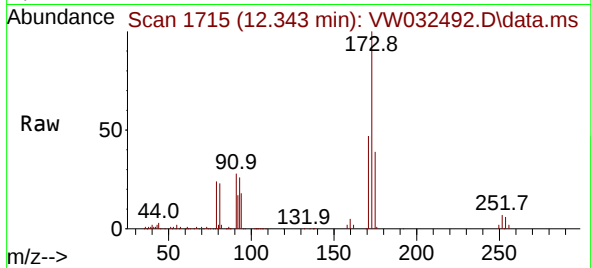




#71
Bromoform
Concen: 19.614 ug/l
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

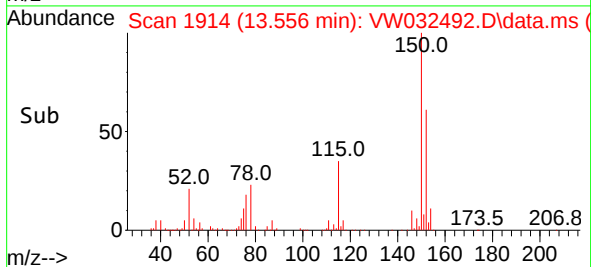
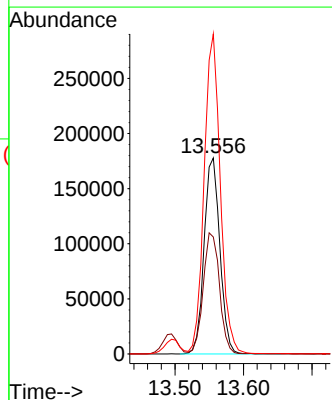
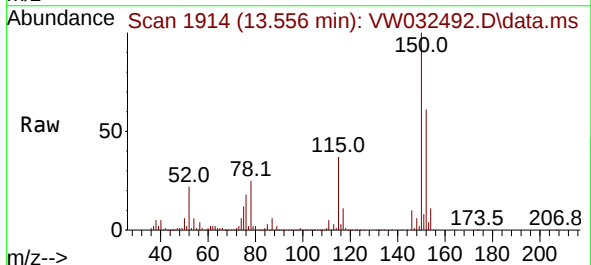
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

Tgt Ion:173 Resp: 45773
Ion Ratio Lower Upper
173 100
175 48.7 25.1 75.2
254 0.0 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: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:152 Resp: 285477
Ion Ratio Lower Upper
152 100
115 63.6 32.8 98.3
150 166.6 0.0 356.6





#73

Isopropylbenzene

Concen: 19.201 ug/l

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

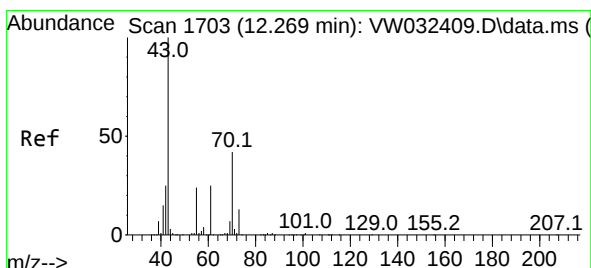
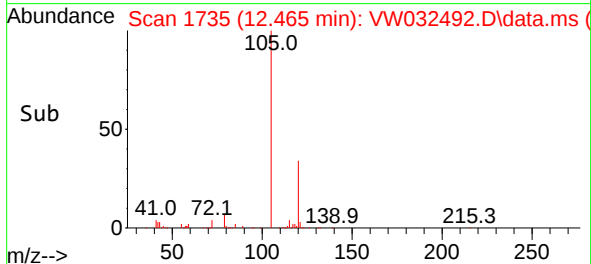
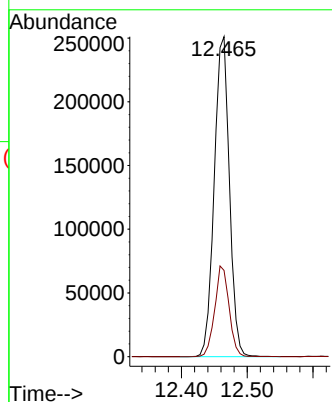
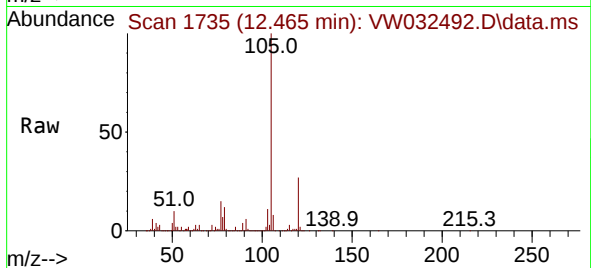
VW1119SBS01

Tgt Ion:105 Resp: 402569

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 19.158 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Tgt Ion: 43 Resp: 139579

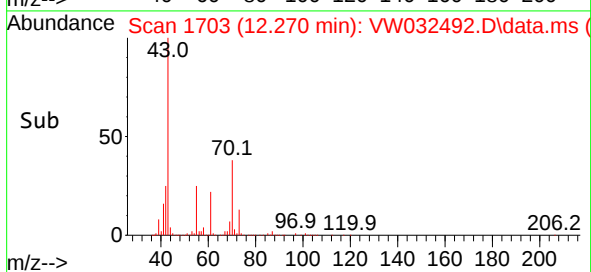
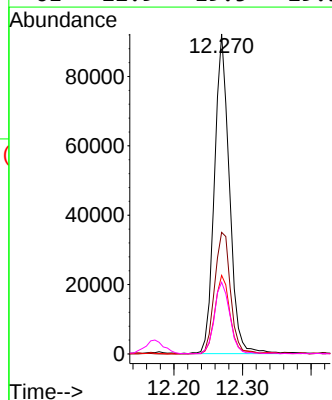
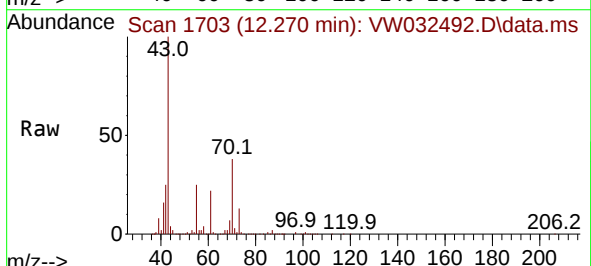
Ion Ratio Lower Upper

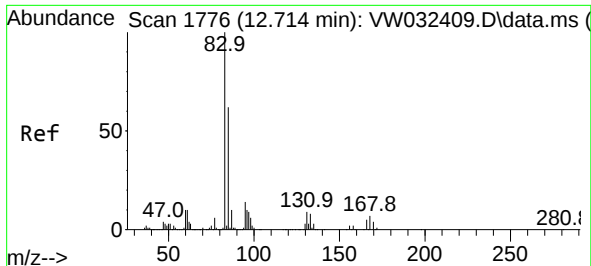
43 100

70 40.5 33.5 50.3

55 24.6 19.3 28.9

61 22.9 19.5 29.3

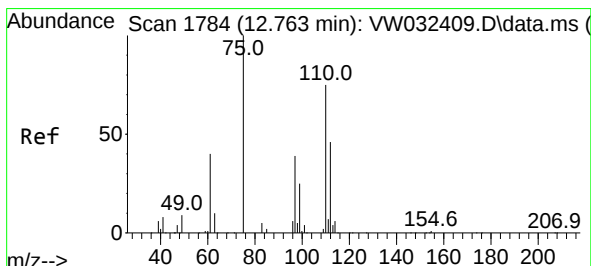
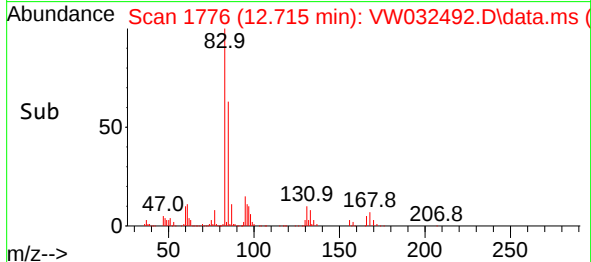
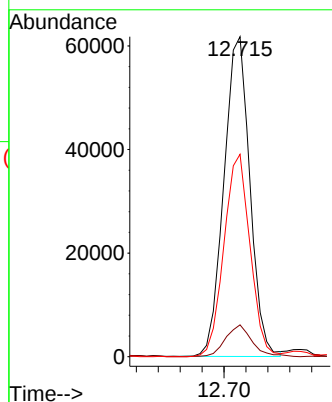
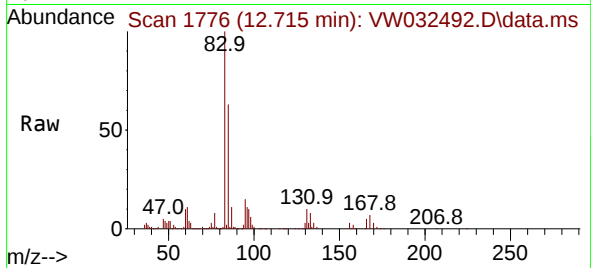




#75
1,1,2,2-Tetrachloroethane
Concen: 20.390 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

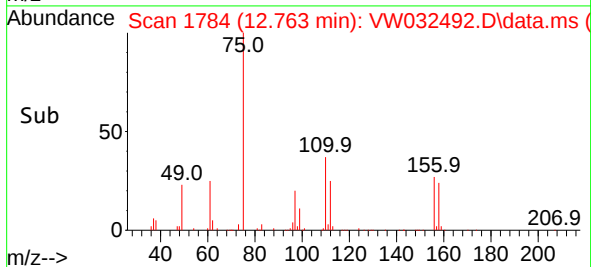
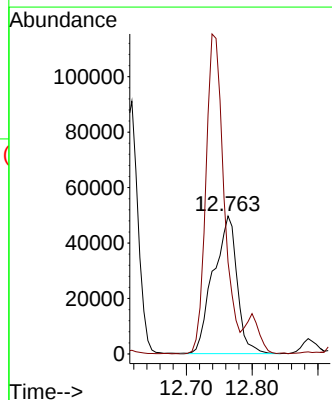
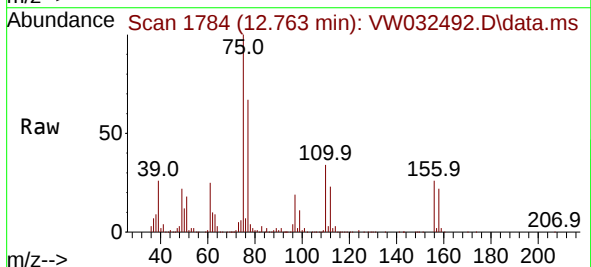
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

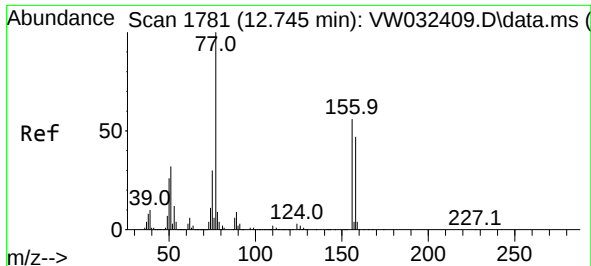
Tgt Ion: 83 Resp: 101457
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.7 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 31.996 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 75 Resp: 125243
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

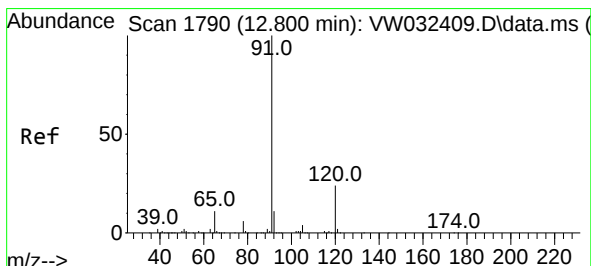
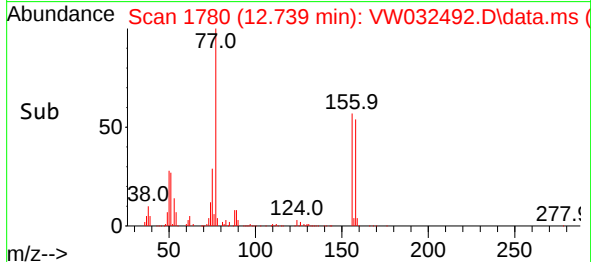
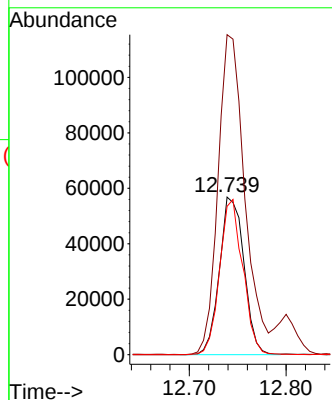
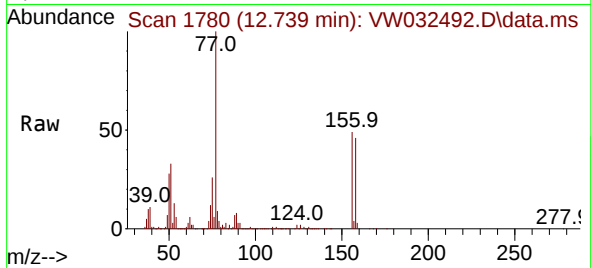




#77
Bromobenzene
Concen: 20.116 ug/l
RT: 12.739 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

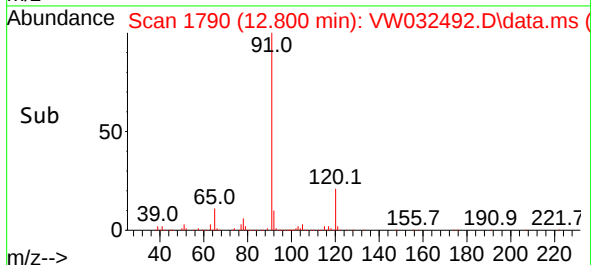
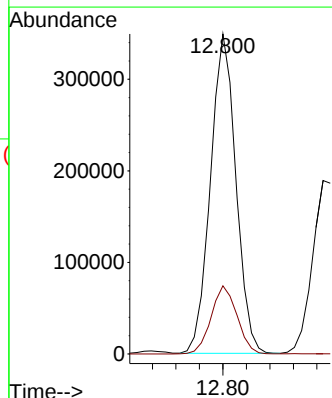
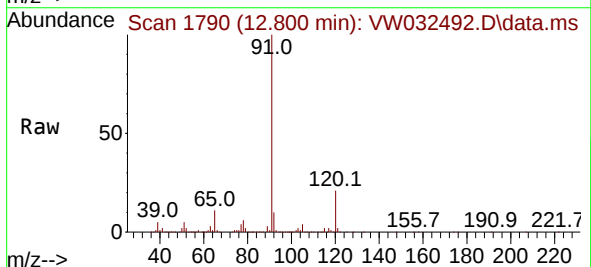
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

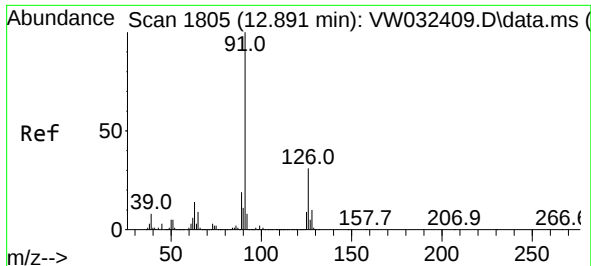
Tgt Ion:156 Resp: 99858
Ion Ratio Lower Upper
156 100
77 221.0 108.0 324.0
158 93.2 45.1 135.5



#78
n-propylbenzene
Concen: 20.550 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion: 91 Resp: 524701
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.9

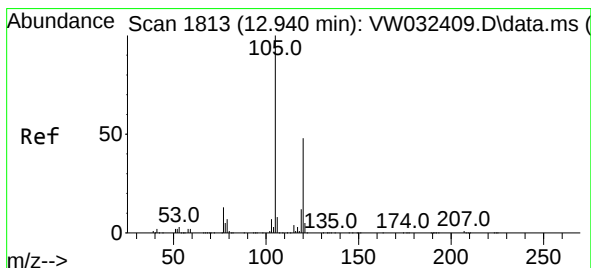
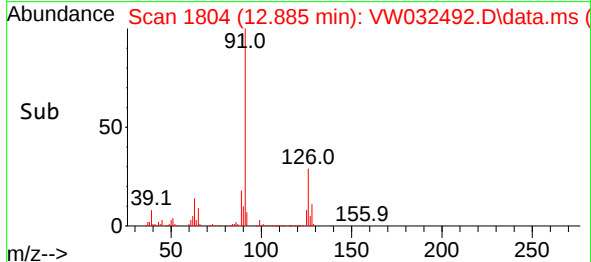
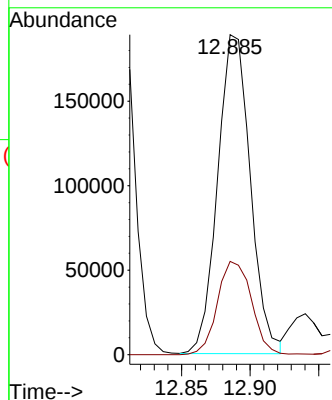
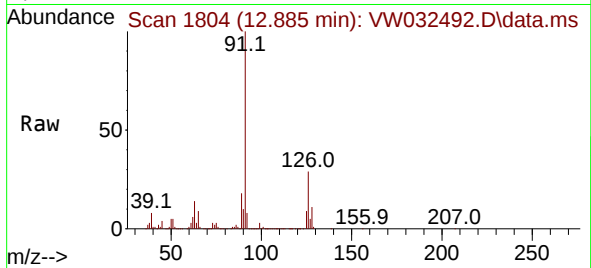




#79
2-Chlorotoluene
Concen: 20.131 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

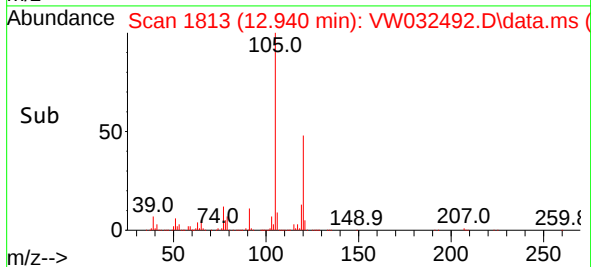
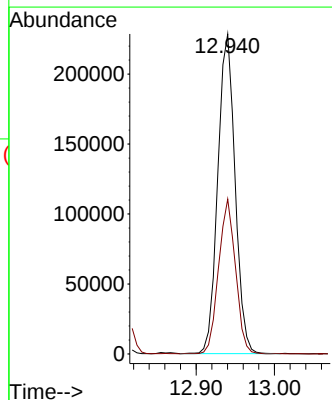
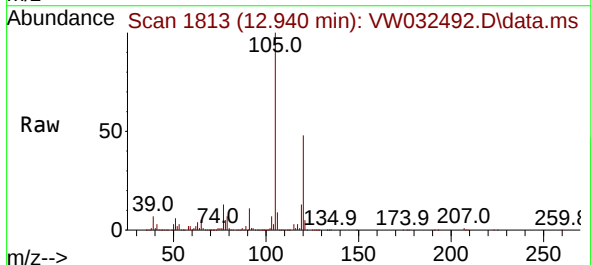
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

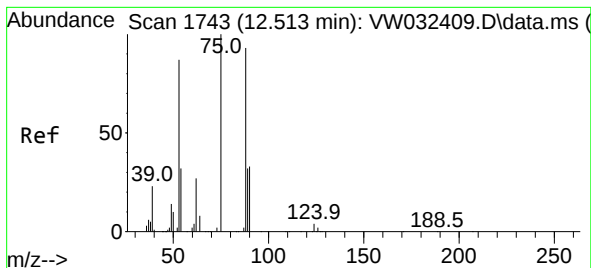
Tgt Ion: 91 Resp: 313773
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.288 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:105 Resp: 350920
Ion Ratio Lower Upper
105 100
120 47.3 24.2 72.6

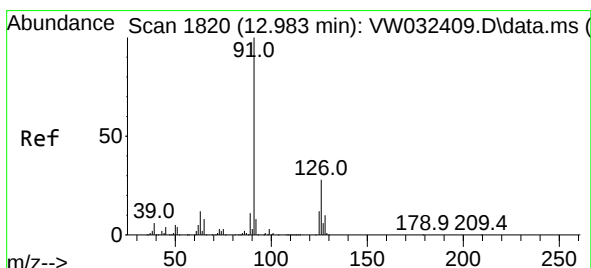
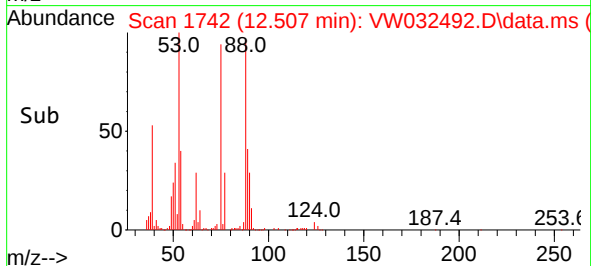
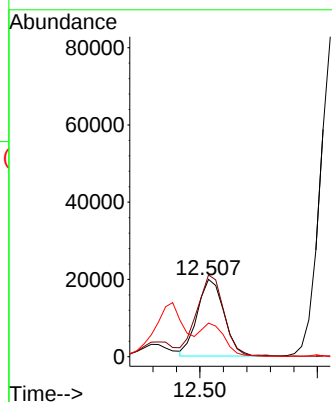
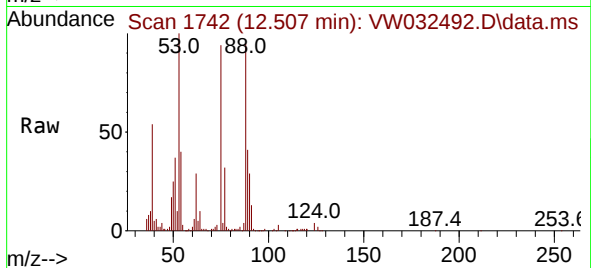




#81
trans-1,4-Dichloro-2-butene
Concen: 18.394 ug/l
RT: 12.507 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

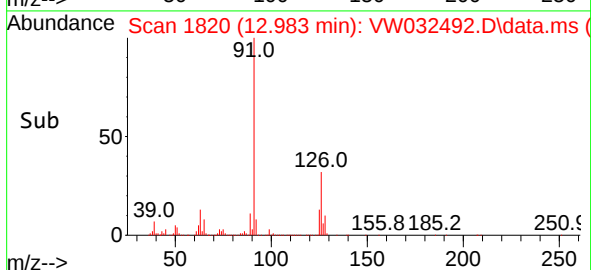
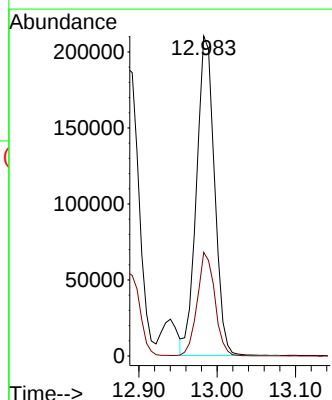
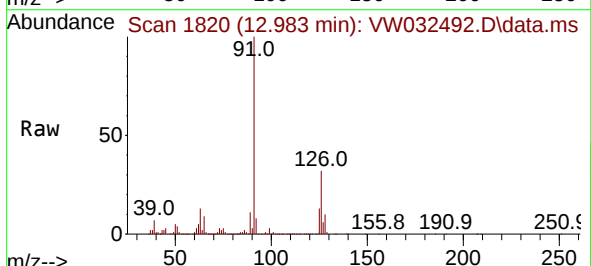
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

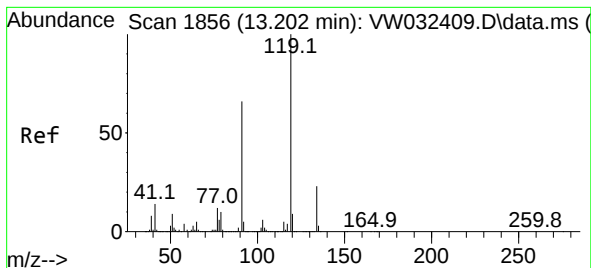
Tgt Ion:	75	Resp:	31435
Ion Ratio	Lower	Upper	
75	100		
53	107.8	77.8	116.8
89	39.7	35.6	53.4



#82
4-Chlorotoluene
Concen: 20.690 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:	91	Resp:	335416
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.5	46.5

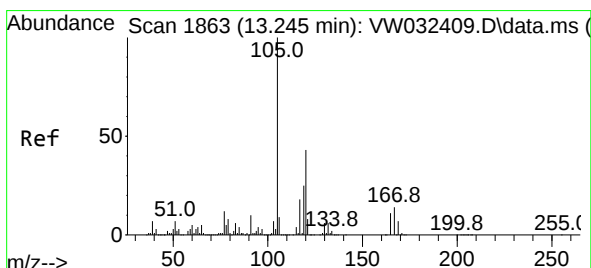
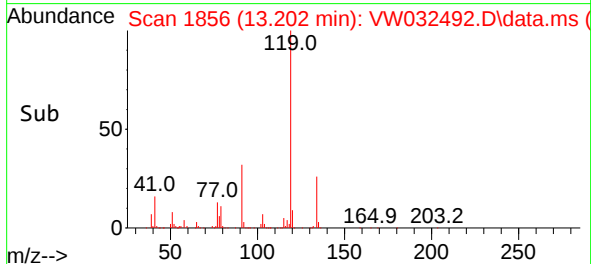
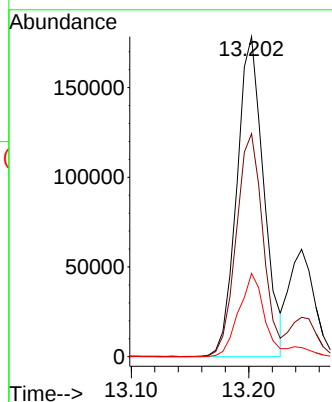
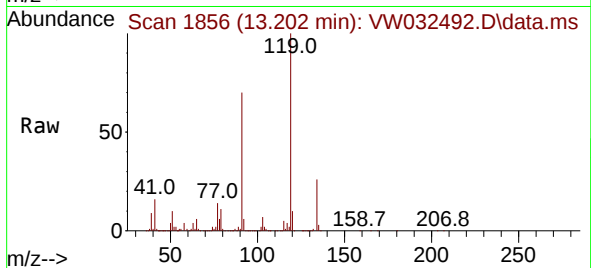




#83
tert-Butylbenzene
Concen: 18.874 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

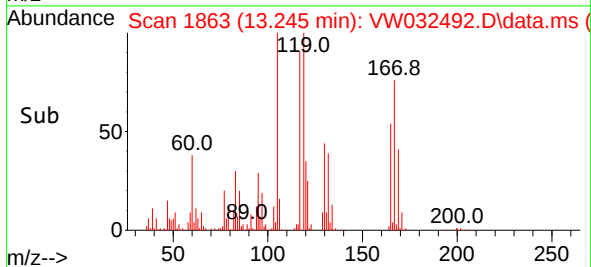
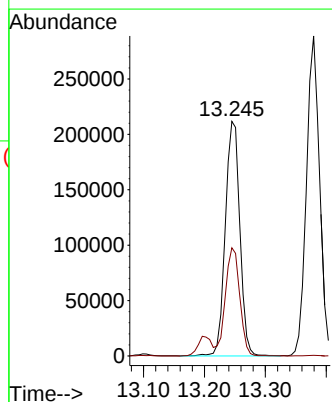
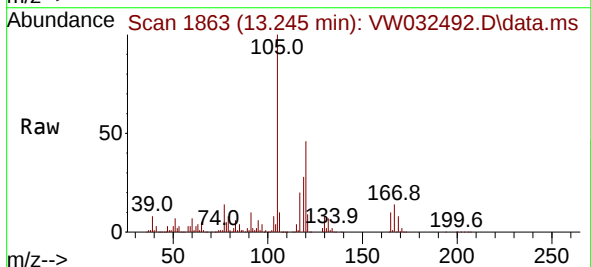
Instrument :
MSVOA_W
ClientSampleId :
VW1119SBS01

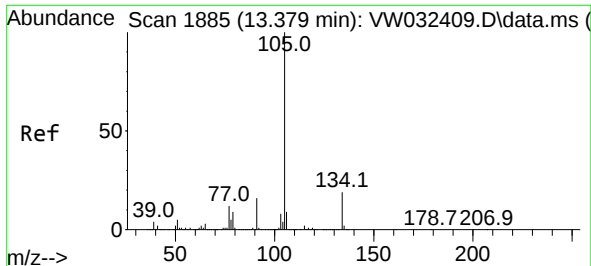
Tgt Ion:119 Resp: 283999
Ion Ratio Lower Upper
119 100
91 69.1 33.3 99.9
134 24.9 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 19.972 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032492.D
Acq: 19 Nov 2025 11:11

Tgt Ion:105 Resp: 351381
Ion Ratio Lower Upper
105 100
120 45.9 22.1 66.5

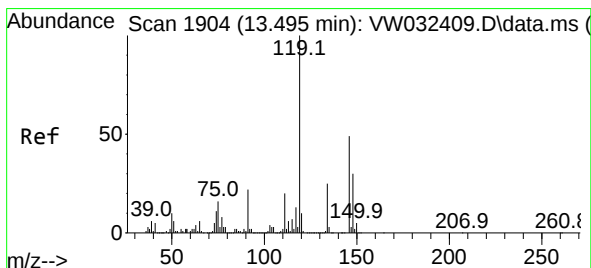
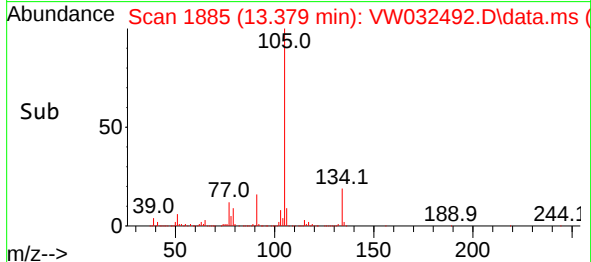
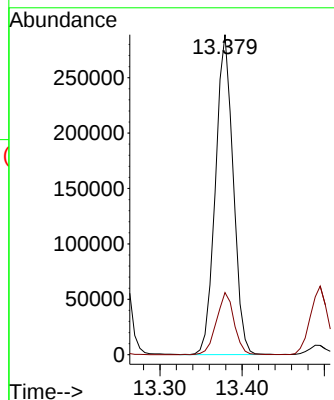
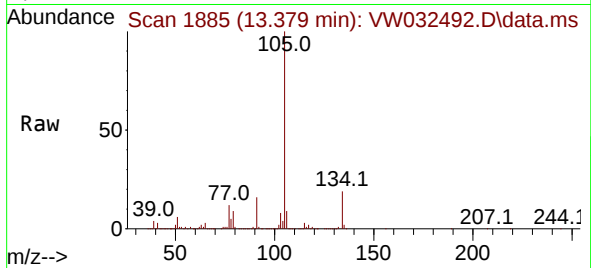




#85
 sec-Butylbenzene
 Concen: 19.276 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

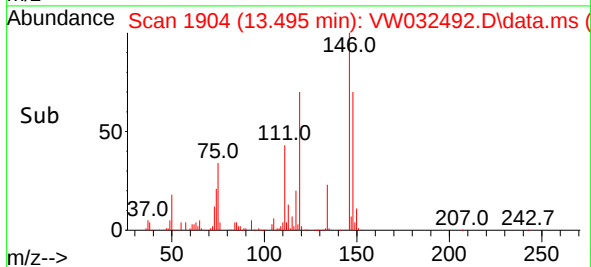
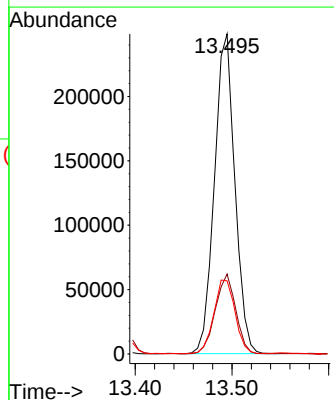
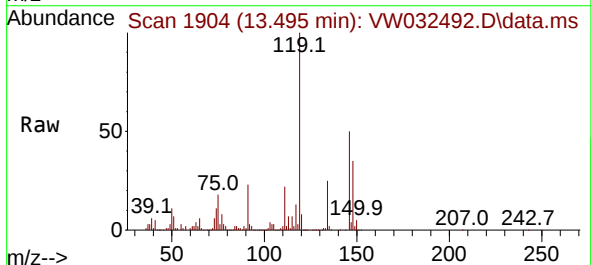
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

Tgt Ion:105 Resp: 431962
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.658 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032492.D
 Acq: 19 Nov 2025 11:11

Tgt Ion:119 Resp: 363724
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 24.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.066 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

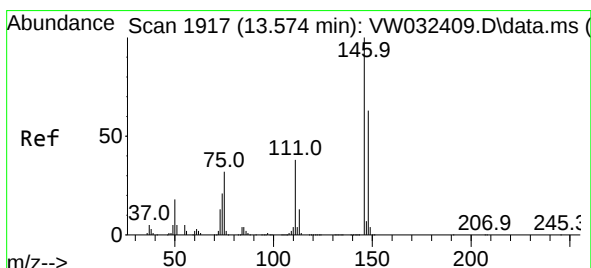
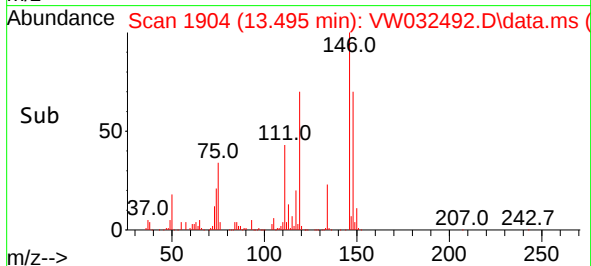
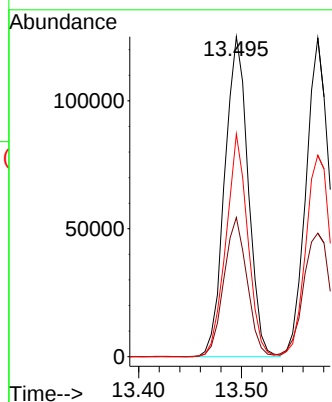
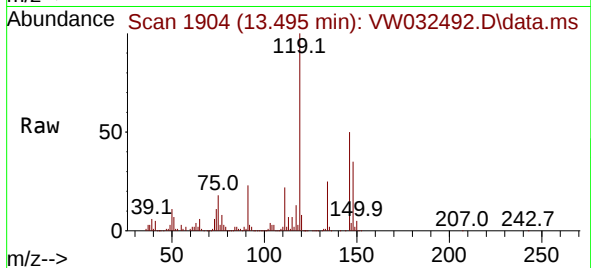
Tgt Ion:146 Resp: 198267

Ion Ratio Lower Upper

146 100

111 42.9 22.2 66.6

148 64.7 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.404 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

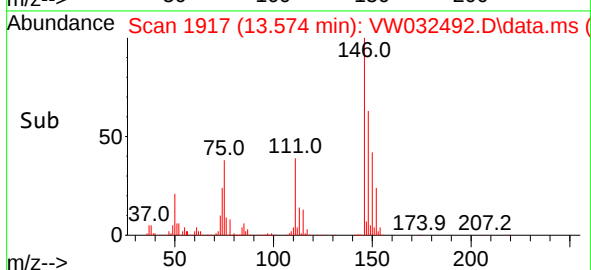
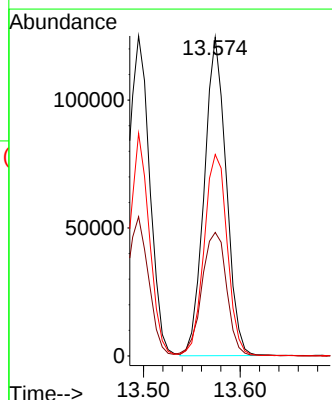
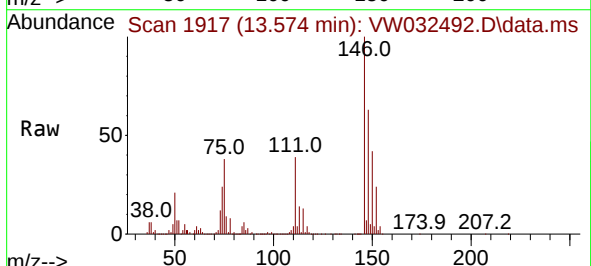
Tgt Ion:146 Resp: 196748

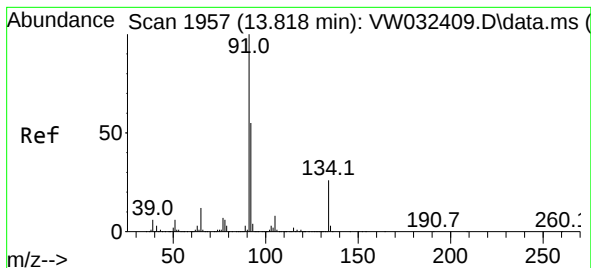
Ion Ratio Lower Upper

146 100

111 44.1 20.5 61.6

148 67.0 31.2 93.6





#89

n-Butylbenzene

Concen: 19.804 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

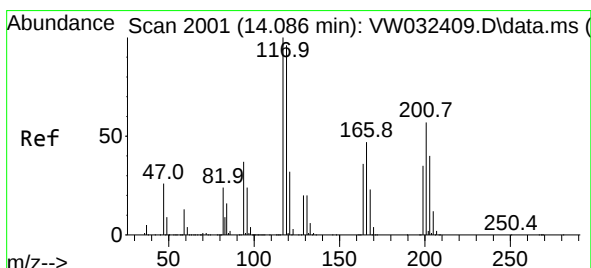
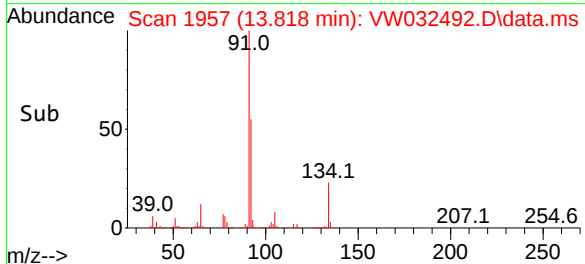
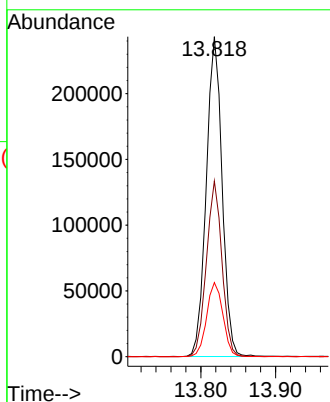
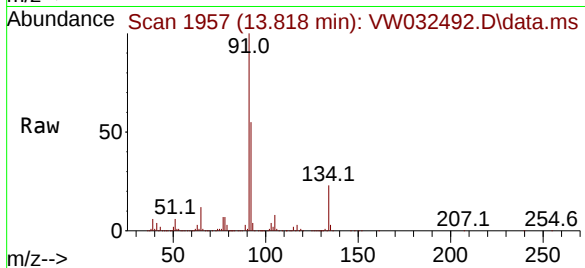
Tgt Ion: 91 Resp: 357992

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.2

134 23.9 12.4 37.4



#90

Hexachloroethane

Concen: 19.192 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032492.D

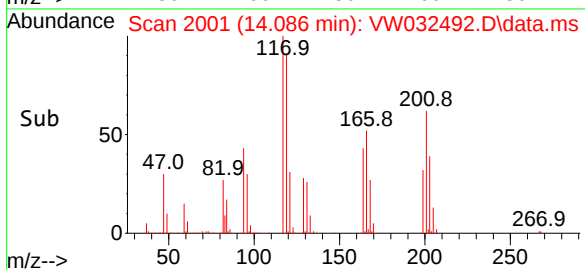
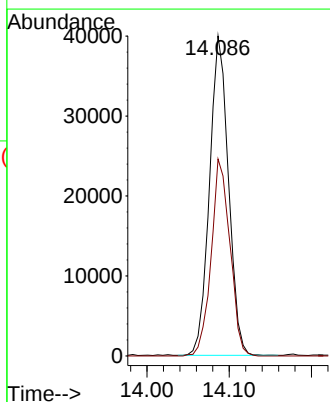
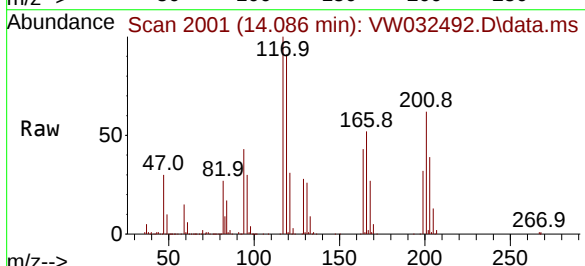
Acq: 19 Nov 2025 11:11

Tgt Ion: 117 Resp: 64025

Ion Ratio Lower Upper

117 100

201 61.1 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 21.366 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

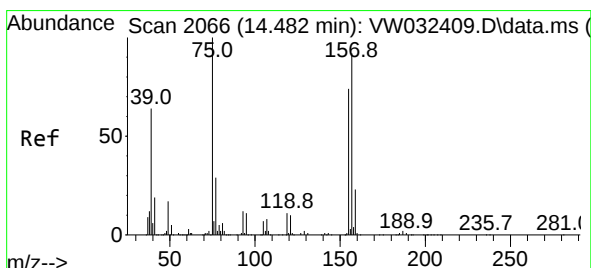
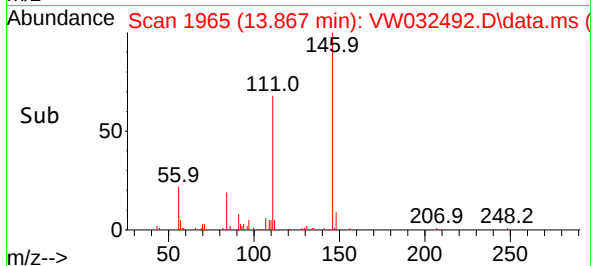
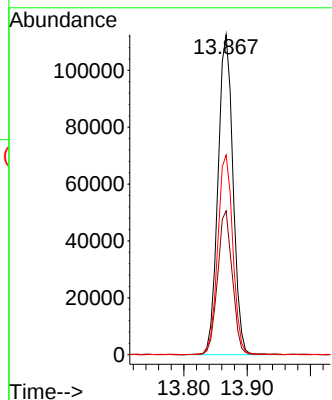
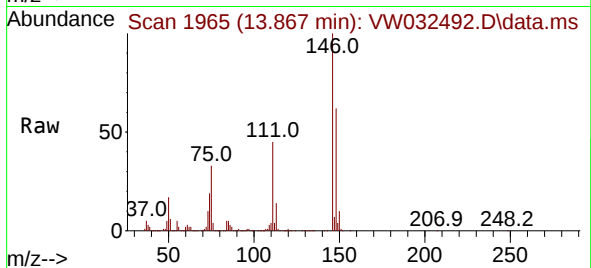
Tgt Ion:146 Resp: 184603

Ion Ratio Lower Upper

146 100

111 44.2 23.4 70.2

148 62.7 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.914 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

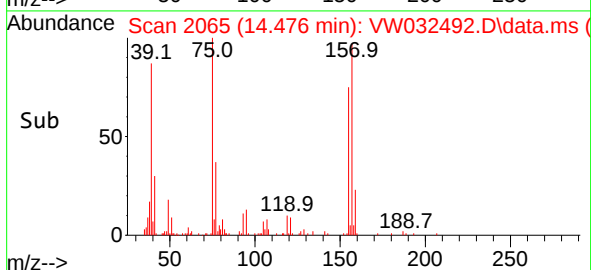
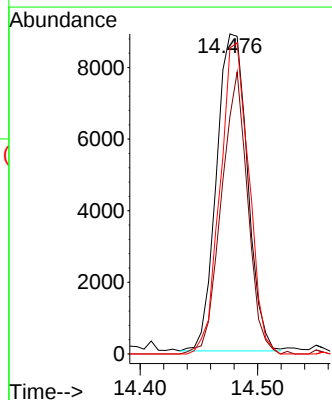
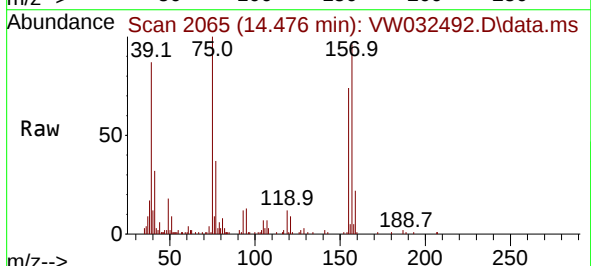
Tgt Ion: 75 Resp: 16213

Ion Ratio Lower Upper

75 100

155 75.5 36.2 108.6

157 91.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.124 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

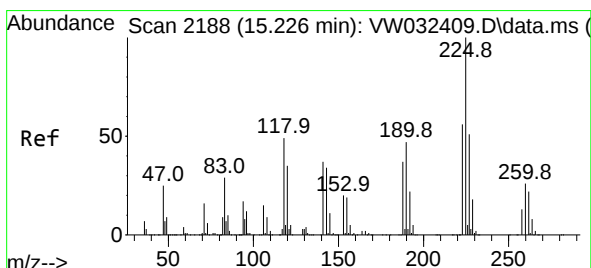
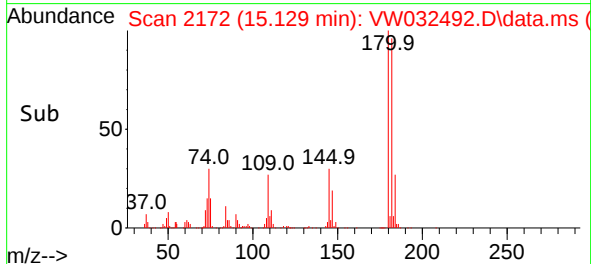
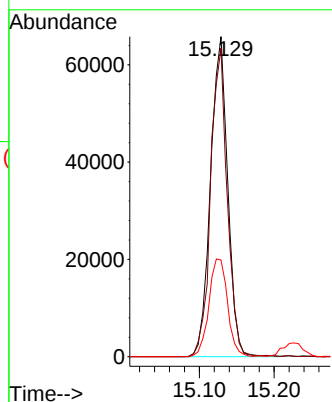
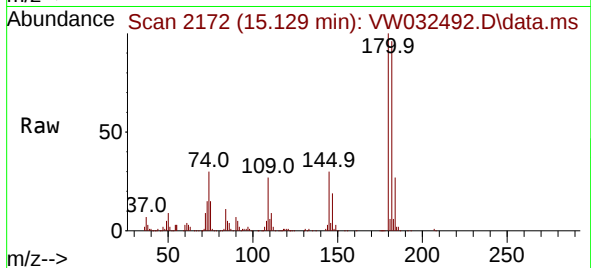
Tgt Ion:180 Resp: 105148

Ion Ratio Lower Upper

180 100

182 93.3 45.3 135.9

145 33.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 19.379 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

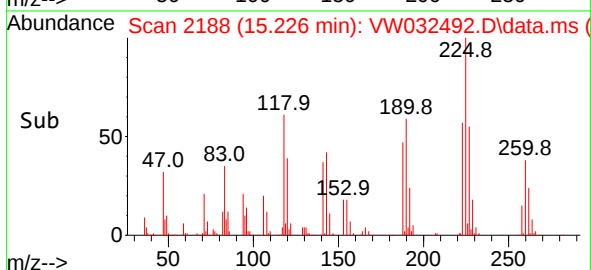
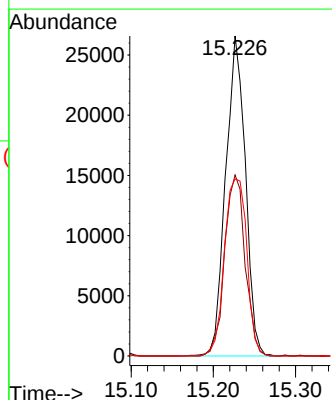
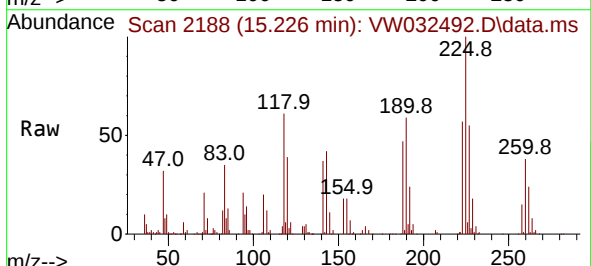
Tgt Ion:225 Resp: 44260

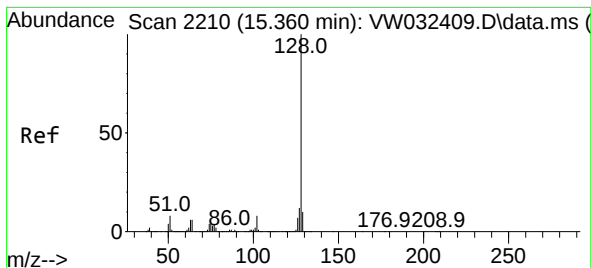
Ion Ratio Lower Upper

225 100

223 58.7 30.6 91.8

227 62.8 29.8 89.4





#95

Naphthalene

Concen: 16.972 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1119SBS01

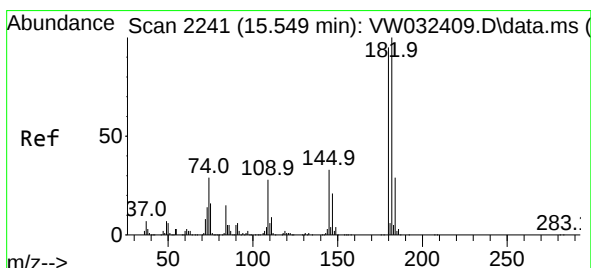
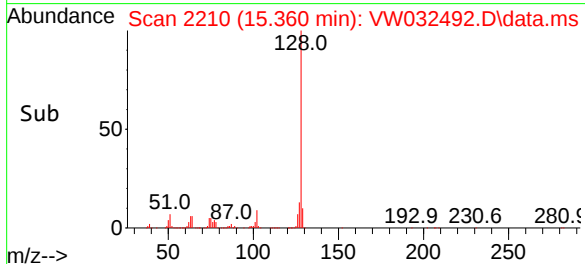
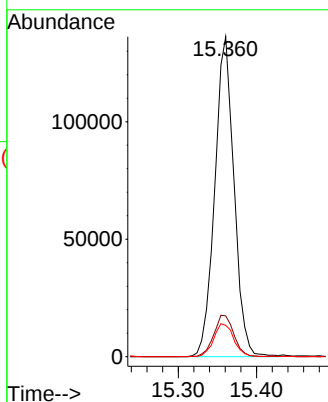
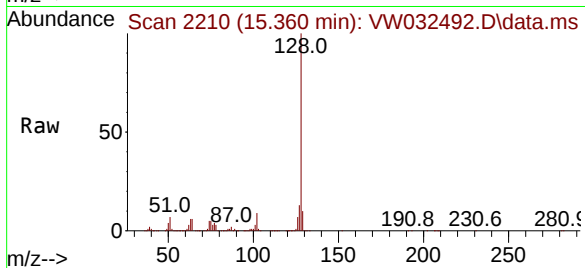
Tgt Ion:128 Resp: 232705

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.163 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032492.D

Acq: 19 Nov 2025 11:11

Tgt Ion:180 Resp: 100646

Ion Ratio Lower Upper

180 100

182 90.6 50.3 151.0

145 33.4 17.8 53.3

