

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032620.D
 Acq On : 11 Dec 2025 10:19
 Operator : SY/MD
 Sample : VW1211SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Quant Time: Dec 12 00:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	360138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	688529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	603823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	305293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	243768	43.525	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	87.040%
35) Dibromofluoromethane	7.898	113	196508	40.700	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	81.400%
50) Toluene-d8	10.325	98	751428	42.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.060%
62) 4-Bromofluorobenzene	12.617	95	278365	42.908	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	85.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49523	22.145	ug/l	98
3) Chloromethane	2.253	50	80408	20.382	ug/l	99
4) Vinyl Chloride	2.399	62	102369	21.746	ug/l	99
5) Bromomethane	2.820	94	65311	20.831	ug/l	100
6) Chloroethane	2.960	64	63716	20.977	ug/l	95
7) Trichlorofluoromethane	3.302	101	76282	18.510	ug/l	99
8) Diethyl Ether	3.716	74	57359	20.785	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	88784	21.513	ug/l	96
10) Methyl Iodide	4.301	142	123019	21.406	ug/l	99
11) Tert butyl alcohol	5.222	59	32168	86.010	ug/l #	91
12) 1,1-Dichloroethene	4.070	96	93004	21.273	ug/l	95
13) Acrolein	3.930	56	51897	82.433	ug/l	99
14) Allyl chloride	4.704	41	165696	20.388	ug/l	99
15) Acrylonitrile	5.399	53	148847	96.521	ug/l	99
16) Acetone	4.161	43	177414	94.033	ug/l	98
17) Carbon Disulfide	4.417	76	268328	21.118	ug/l	97
18) Methyl Acetate	4.710	43	66494	18.066	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	177005	20.392	ug/l	93
20) Methylene Chloride	4.948	84	115234	20.006	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	97475	20.414	ug/l	99
22) Diisopropyl ether	6.332	45	341313	20.740	ug/l	96
23) Vinyl Acetate	6.277	43	1118792	100.546	ug/l	98
24) 1,1-Dichloroethane	6.240	63	195182	20.739	ug/l	98
25) 2-Butanone	7.191	43	215543	97.227	ug/l	99
26) 2,2-Dichloropropane	7.185	77	107162	20.279	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	110885	19.889	ug/l	98
28) Bromochloromethane	7.526	49	85793	22.947	ug/l	98
29) Tetrahydrofuran	7.551	42	127039	95.451	ug/l	99
30) Chloroform	7.685	83	195546	21.064	ug/l	96
31) Cyclohexane	7.965	56	177264	20.435	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	144513	21.170	ug/l	99
36) 1,1-Dichloropropene	8.093	75	137989	19.466	ug/l	98
37) Ethyl Acetate	7.270	43	90552	18.649	ug/l	98
38) Carbon Tetrachloride	8.081	117	126399	19.278	ug/l	94
39) Methylcyclohexane	9.343	83	172655	19.367	ug/l	96
40) Benzene	8.331	78	420851	19.570	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	49720	19.158	ug/l	95
42) 1,2-Dichloroethane	8.410	62	134147	19.592	ug/l	99
43) Isopropyl Acetate	8.429	43	154758	17.972	ug/l	99
44) Trichloroethene	9.099	130	92451	18.828	ug/l	97
45) 1,2-Dichloropropane	9.374	63	106128	19.503	ug/l	99
46) Dibromomethane	9.465	93	62117	19.484	ug/l	97
47) Bromodichloromethane	9.648	83	142010	19.149	ug/l	98
48) Methyl methacrylate	9.441	41	77938	19.176	ug/l	93
49) 1,4-Dioxane	9.459	88	14402	336.733	ug/l #	91
51) 4-Methyl-2-Pentanone	10.209	43	447109	93.128	ug/l	99
52) Toluene	10.386	92	256850	19.413	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	136440	18.659	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	156537	18.565	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	81756	19.112	ug/l	95
56) Ethyl methacrylate	10.648	69	111949	18.128	ug/l	99
57) 1,3-Dichloropropane	10.934	76	148599	19.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	287290	174.368	ug/l	99
59) 2-Hexanone	10.971	43	322041	92.616	ug/l	99
60) Dibromochloromethane	11.129	129	90833	19.064	ug/l	94
61) 1,2-Dibromoethane	11.233	107	79027	19.105	ug/l	97
64) Tetrachloroethene	10.867	164	79841	20.623	ug/l #	87
65) Chlorobenzene	11.654	112	284232	20.615	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	86474	20.083	ug/l	97
67) Ethyl Benzene	11.727	91	482022	20.229	ug/l	98
68) m/p-Xylenes	11.837	106	366197	40.044	ug/l	99
69) o-Xylene	12.166	106	164185	19.467	ug/l	97
70) Styrene	12.178	104	296541	20.168	ug/l	99
71) Bromoform	12.349	173	46879	18.751	ug/l #	98
73) Isopropylbenzene	12.465	105	425102	18.307	ug/l	98
74) N-amyl acetate	12.270	43	140469	17.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	103811	18.570	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	73907m	18.041	ug/l	
77) Bromobenzene	12.745	156	101803	19.105	ug/l	96
78) n-propylbenzene	12.800	91	557025	18.780	ug/l	100
79) 2-Chlorotoluene	12.885	91	325240	18.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	368060	18.871	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	32223	22.196	ug/l	97
82) 4-Chlorotoluene	12.983	91	355394	19.220	ug/l	99
83) tert-Butylbenzene	13.202	119	306995	18.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	367779	18.697	ug/l	100
85) sec-Butylbenzene	13.379	105	469452	18.454	ug/l	100
86) p-Isopropyltoluene	13.495	119	385672	18.640	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	204518	18.752	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	208571	19.205	ug/l	99
89) n-Butylbenzene	13.818	91	384724	18.507	ug/l	98
90) Hexachloroethane	14.086	117	70779	18.315	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	189387	19.238	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17593	17.719	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	103370	17.679	ug/l	97
94) Hexachlorobutadiene	15.226	225	51830	18.752	ug/l	95
95) Naphthalene	15.360	128	238811	22.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	98485	17.819	ug/l	98

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ClientSampleId :
VW1211SBS01

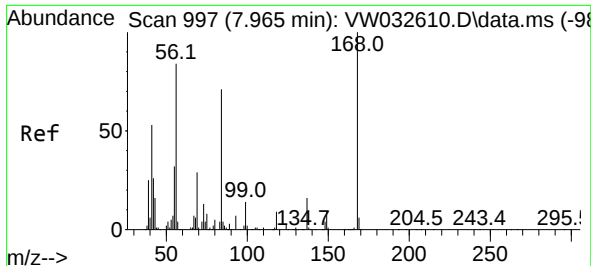
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

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

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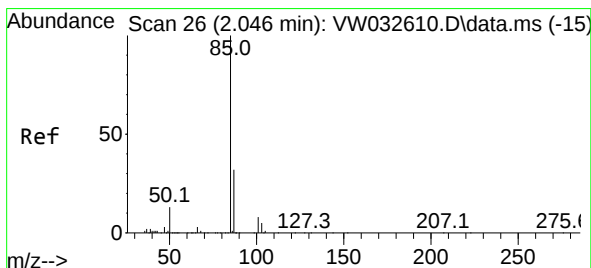
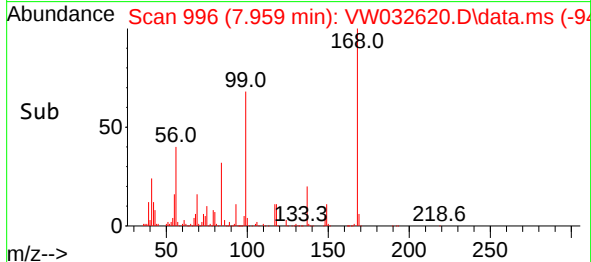
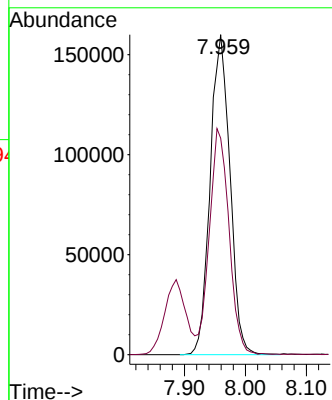
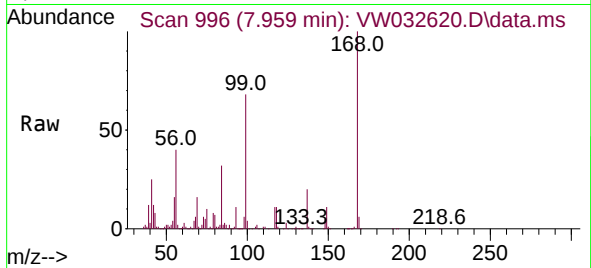




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032620.D
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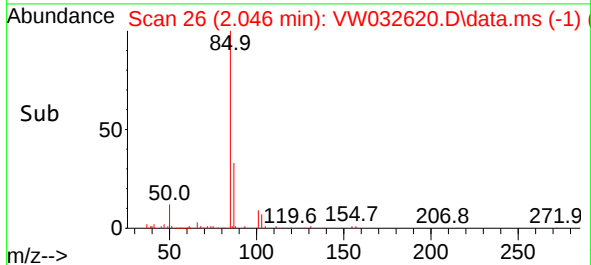
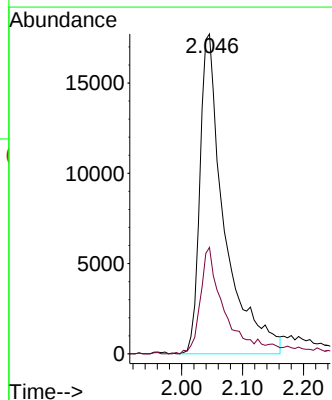
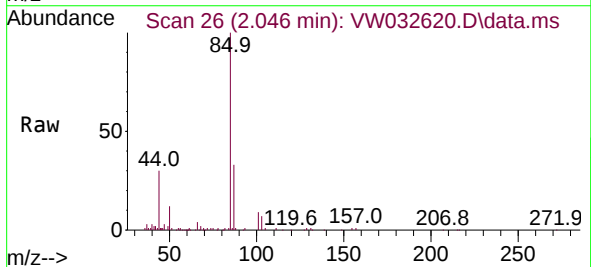
Instrument :
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ClientSampleId :
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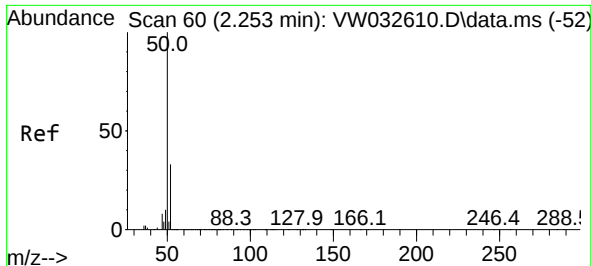
Tgt Ion:168 Resp: 360138
Ion Ratio Lower Upper
168 100
99 67.5 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 22.145 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 85 Resp: 49523
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3

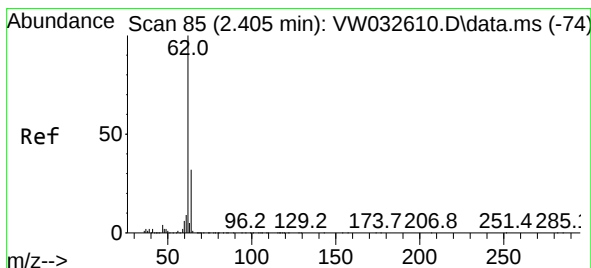
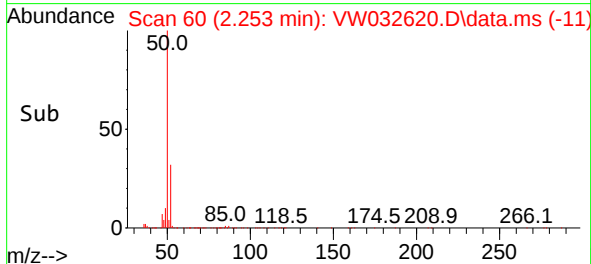
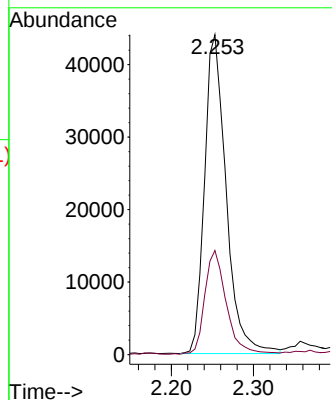
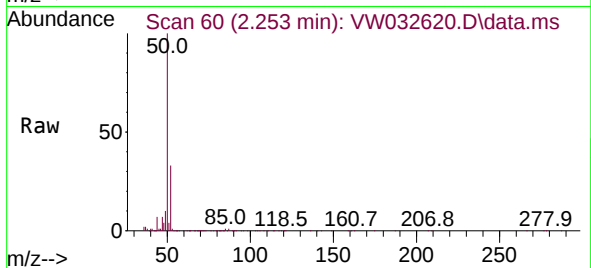




#3
Chloromethane
Concen: 20.382 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

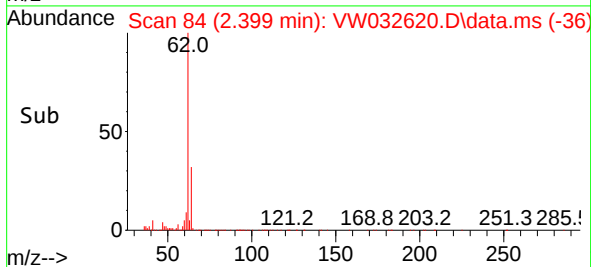
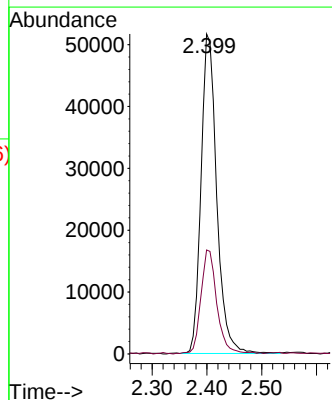
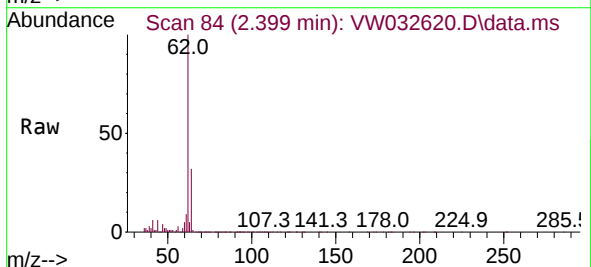
Instrument :
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ClientSampleId :
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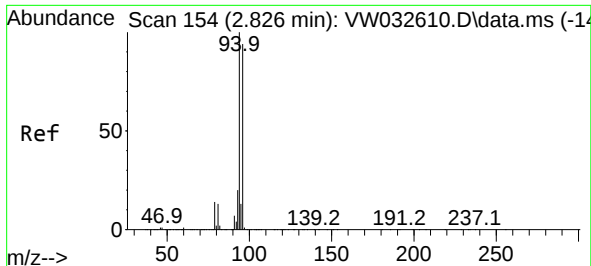
Tgt Ion: 50 Resp: 80408
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 21.746 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 62 Resp: 102369
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

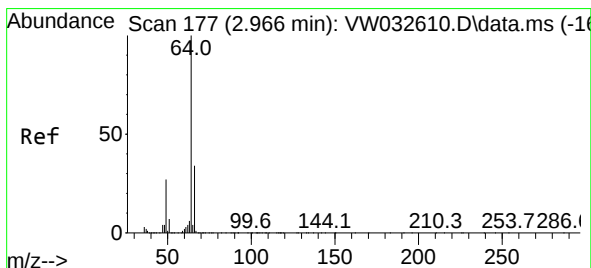
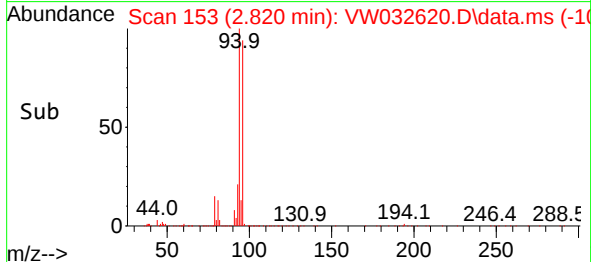
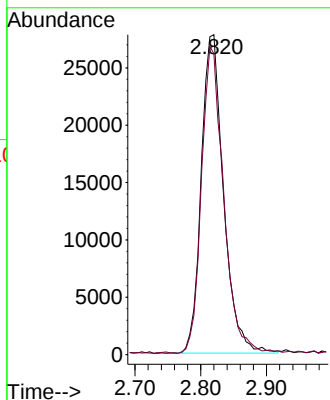
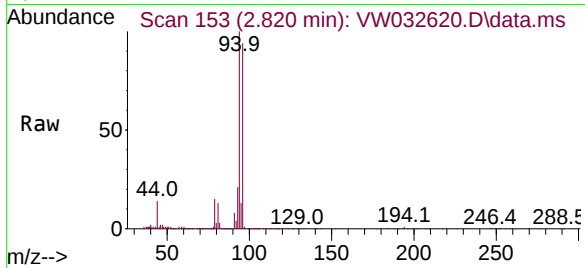




#5
Bromomethane
Concen: 20.831 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

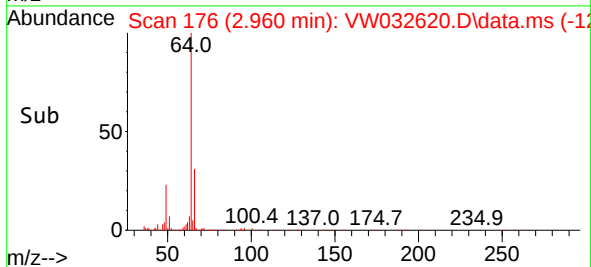
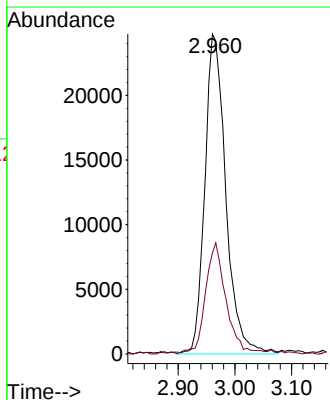
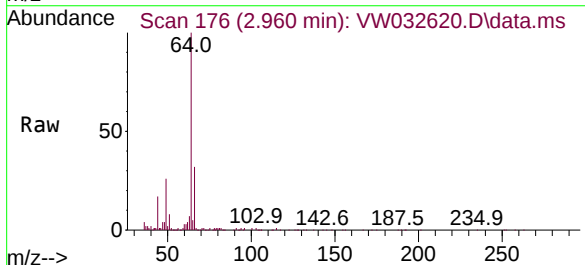
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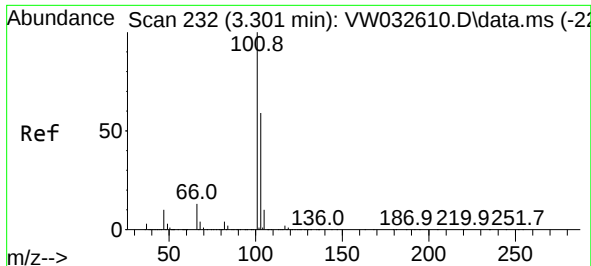
Tgt Ion: 94 Resp: 65311
Ion Ratio Lower Upper
94 100
96 94.1 75.4 113.2



#6
Chloroethane
Concen: 20.977 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 64 Resp: 63716
Ion Ratio Lower Upper
64 100
66 31.0 27.3 40.9

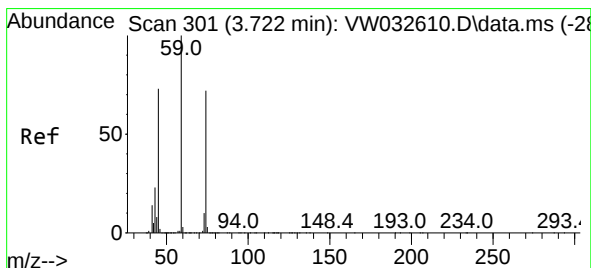
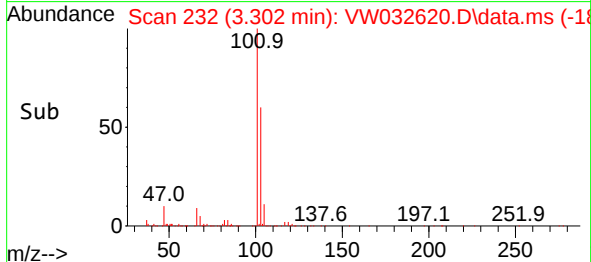
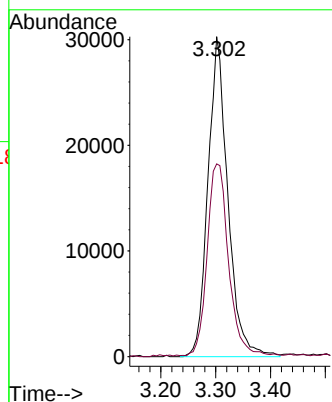
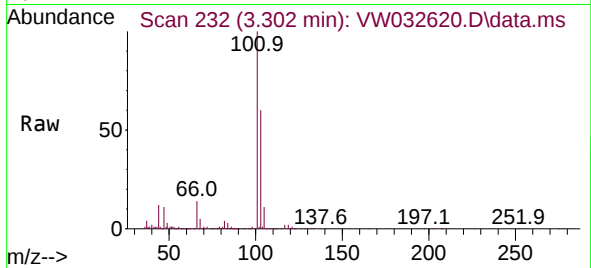




#7
 Trichlorofluoromethane
 Concen: 18.510 ug/l
 RT: 3.302 min Scan# 231
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

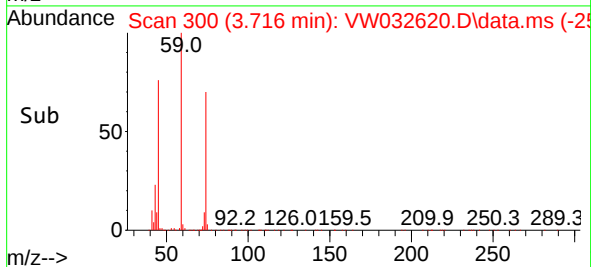
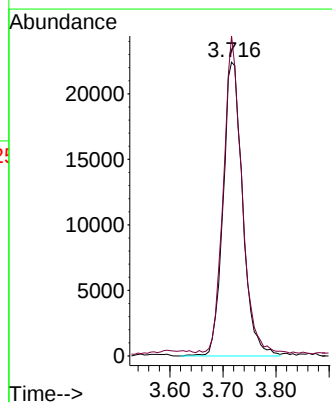
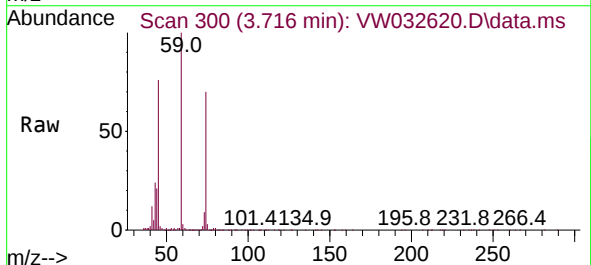
Instrument :
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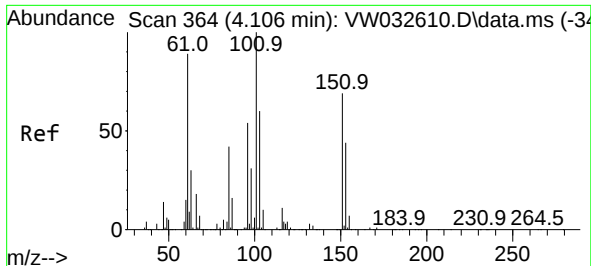
Tgt Ion:101 Resp: 76282
 Ion Ratio Lower Upper
 101 100
 103 59.9 47.3 70.9



#8
 Diethyl Ether
 Concen: 20.785 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion: 74 Resp: 57359
 Ion Ratio Lower Upper
 74 100
 45 101.6 52.4 157.2

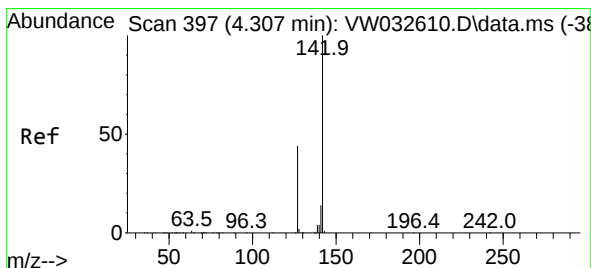
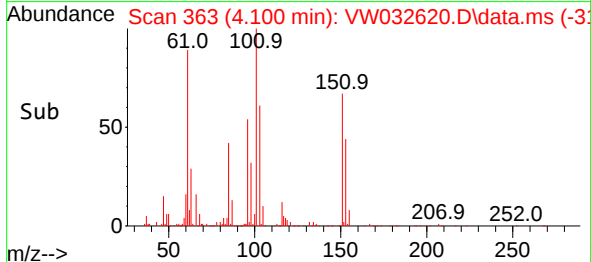
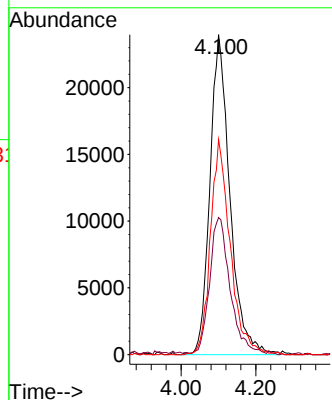
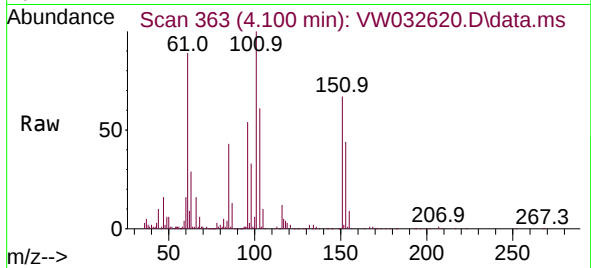




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.513 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

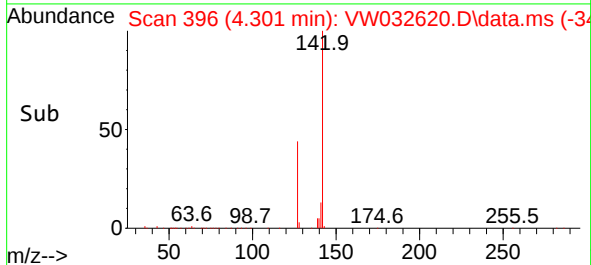
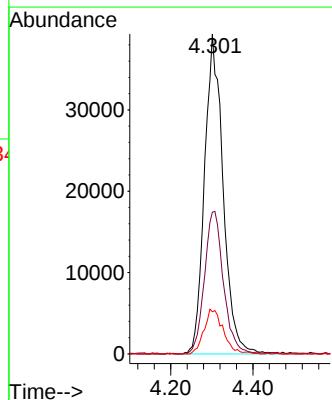
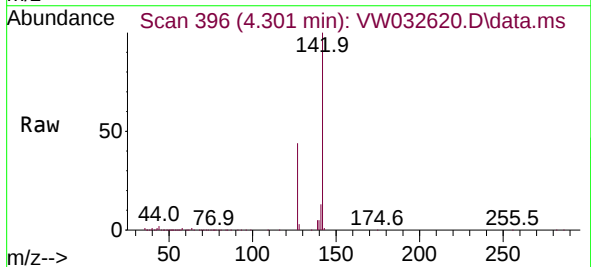
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

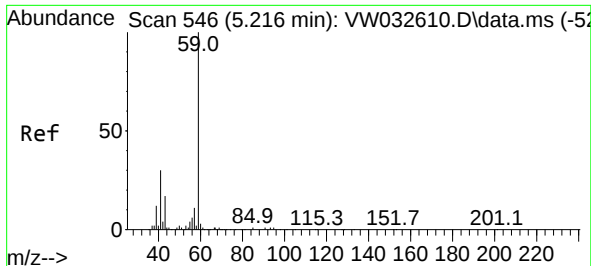
Tgt Ion:101 Resp: 88784
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.2
151 66.5 56.7 85.1



#10
Methyl Iodide
Concen: 21.406 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:142 Resp: 123019
Ion Ratio Lower Upper
142 100
127 45.8 36.0 54.0
141 14.5 11.6 17.4

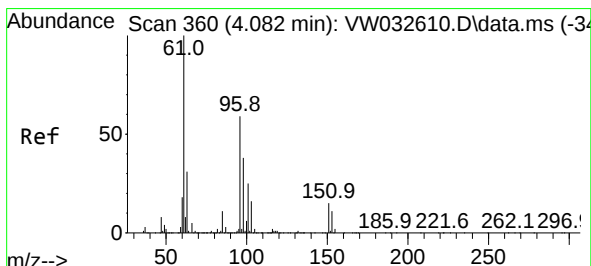
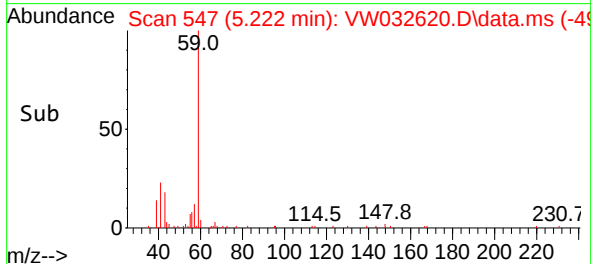
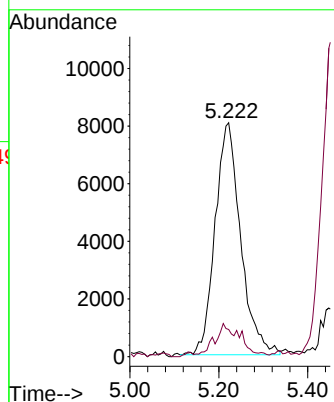
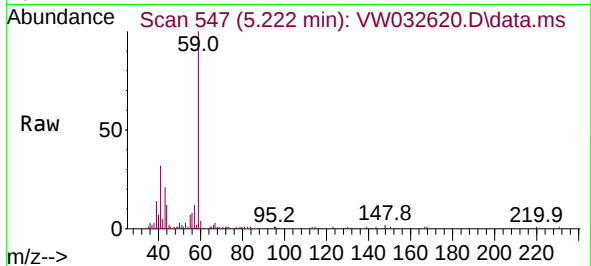




#11
Tert butyl alcohol
Concen: 86.010 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

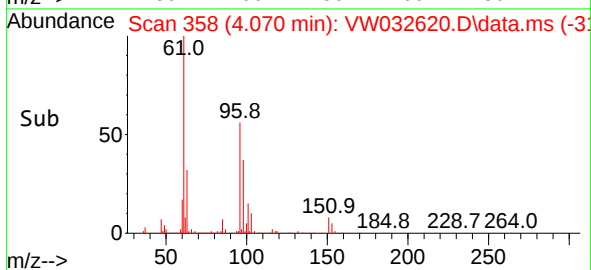
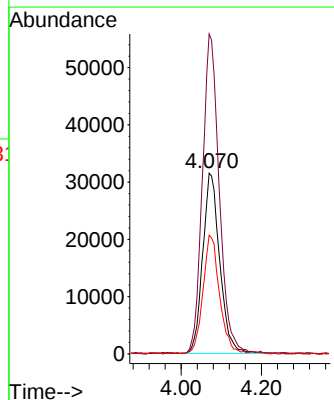
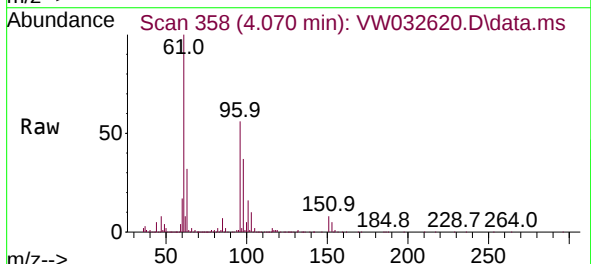
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

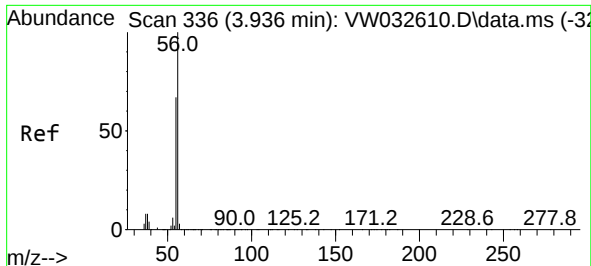
Tgt Ion: 59 Resp: 32168
Ion Ratio Lower Upper
59 100
57 8.0 9.4 14.0#



#12
1,1-Dichloroethene
Concen: 21.273 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 96 Resp: 93004
Ion Ratio Lower Upper
96 100
61 177.2 134.6 202.0
98 65.8 51.1 76.7

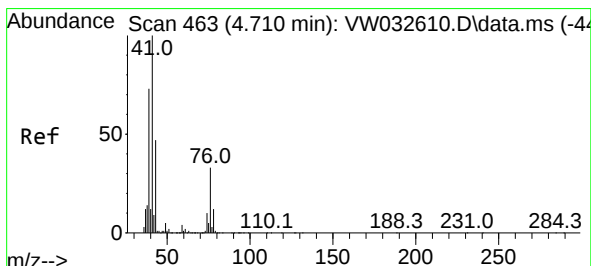
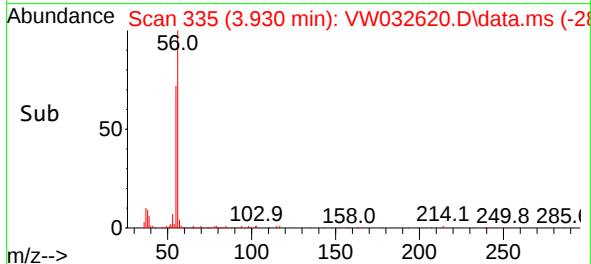
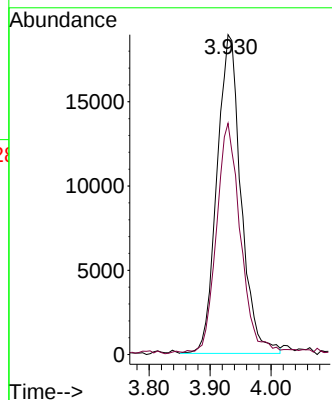
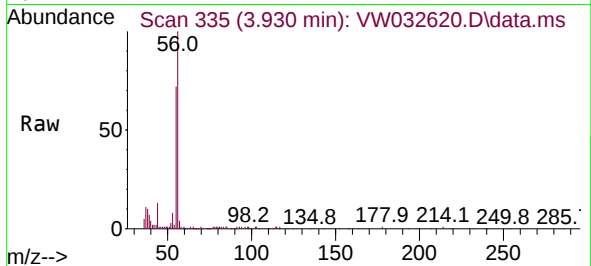




#13
Acrolein
Concen: 82.433 ug/l
RT: 3.930 min Scan# 336
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

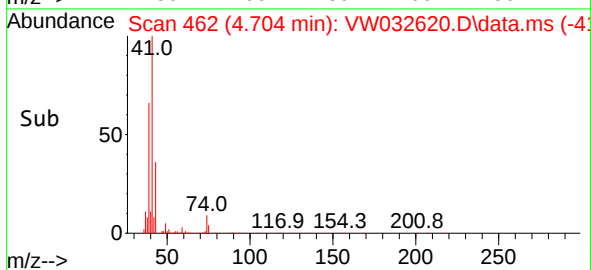
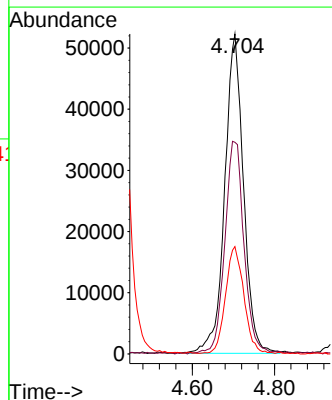
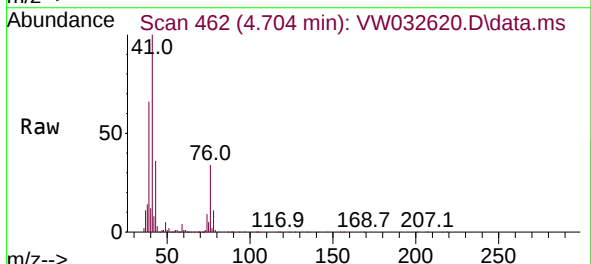
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

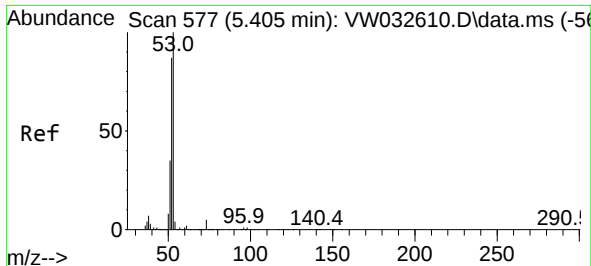
Tgt Ion: 56 Resp: 51897
Ion Ratio Lower Upper
56 100
55 71.1 56.0 84.0



#14
Allyl chloride
Concen: 20.388 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 41 Resp: 165696
Ion Ratio Lower Upper
41 100
39 68.1 54.2 81.2
76 32.5 26.3 39.5

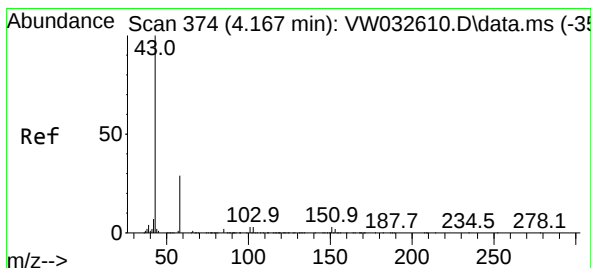
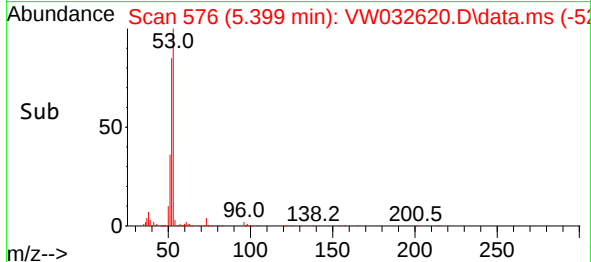
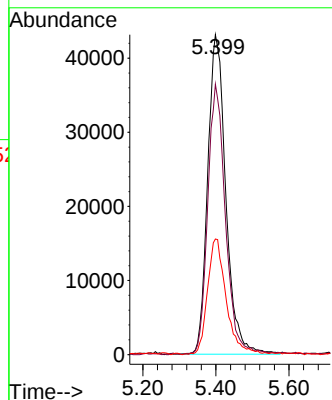
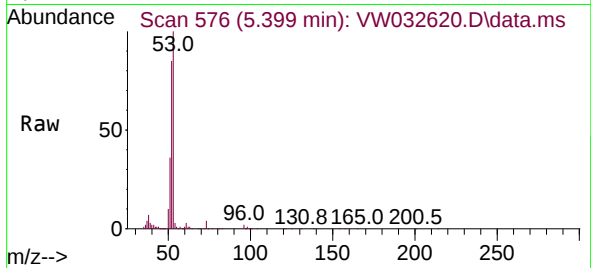




#15
Acrylonitrile
Concen: 96.521 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

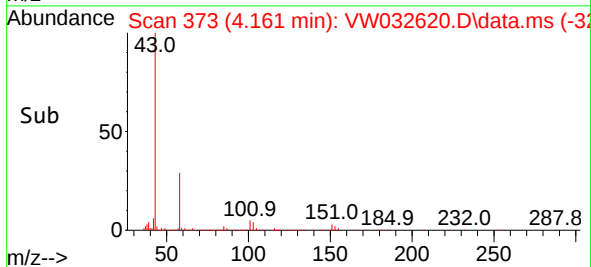
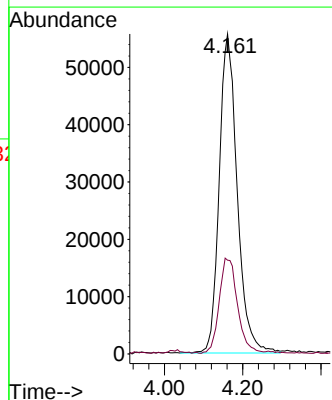
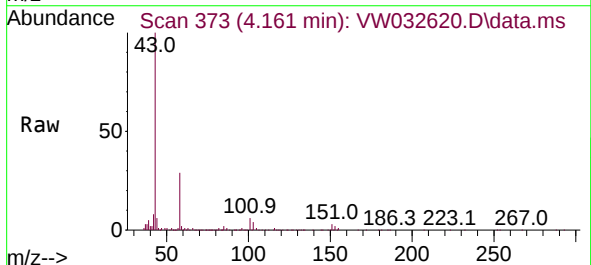
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

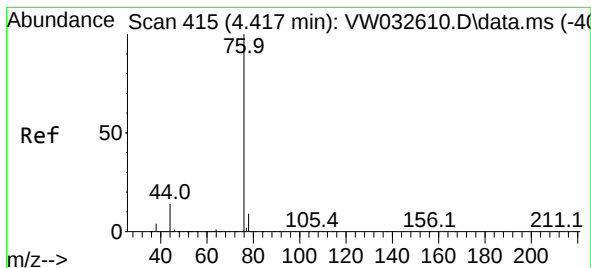
Tgt Ion: 53 Resp: 148847
Ion Ratio Lower Upper
53 100
52 81.7 66.7 100.1
51 37.5 29.8 44.6



#16
Acetone
Concen: 94.033 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 43 Resp: 177414
Ion Ratio Lower Upper
43 100
58 29.0 23.9 35.9





#17

Carbon Disulfide

Concen: 21.118 ug/l

RT: 4.417 min Scan# 415

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

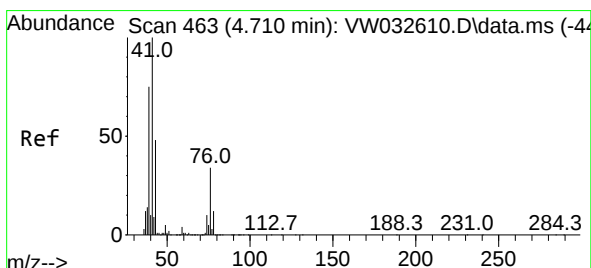
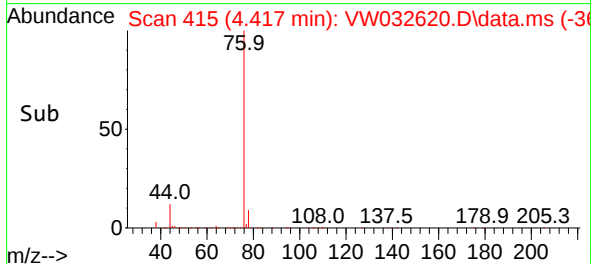
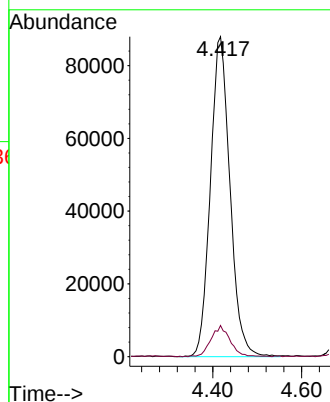
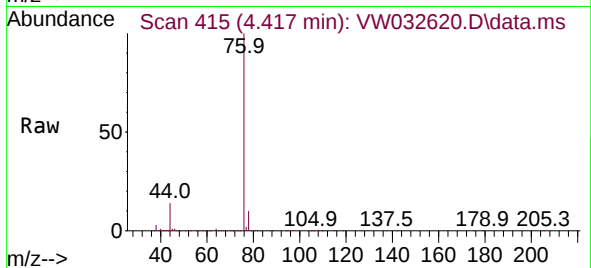
VW1211SBS01

Tgt Ion: 76 Resp: 268328

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2



#18

Methyl Acetate

Concen: 18.066 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032620.D

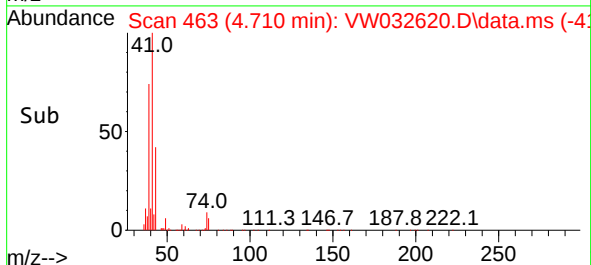
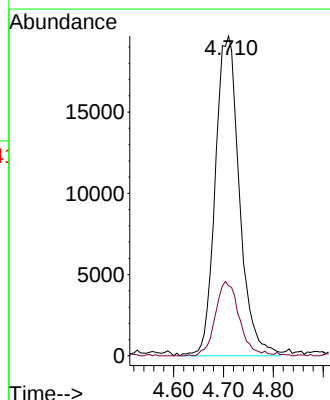
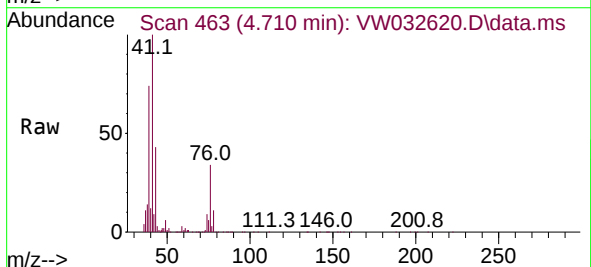
Acq: 11 Dec 2025 10:19

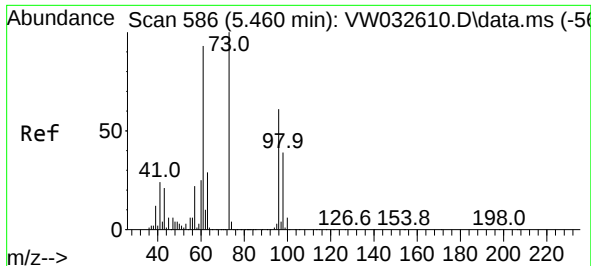
Tgt Ion: 43 Resp: 66494

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4

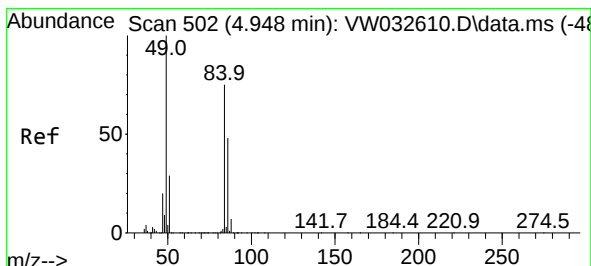
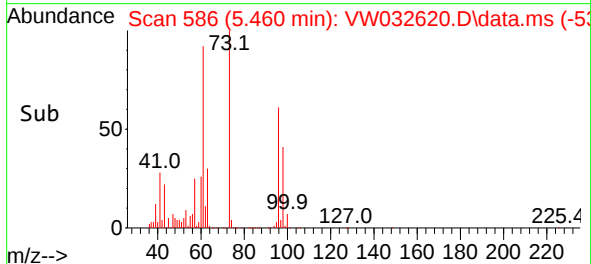
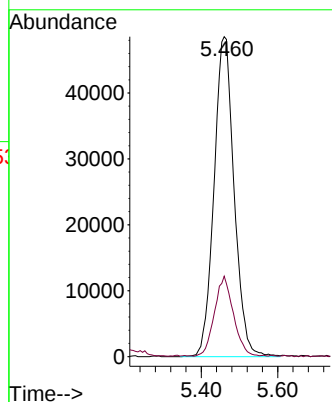
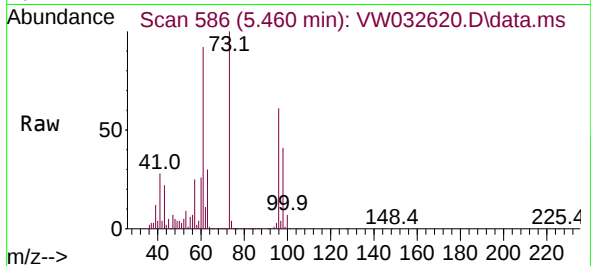




#19
Methyl tert-butyl Ether
Concen: 20.392 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

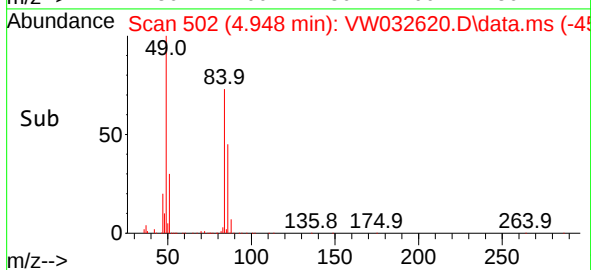
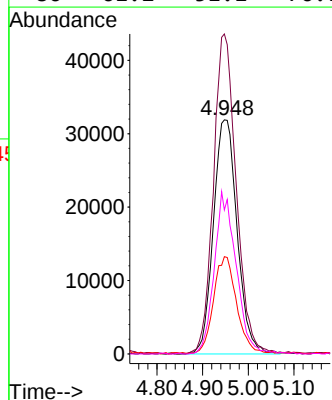
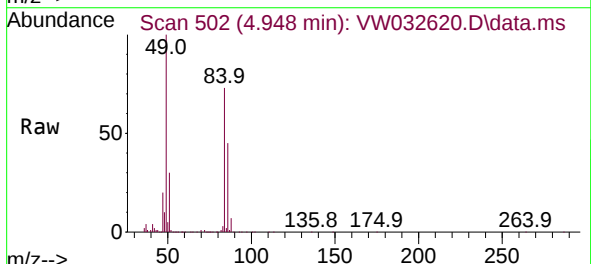
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

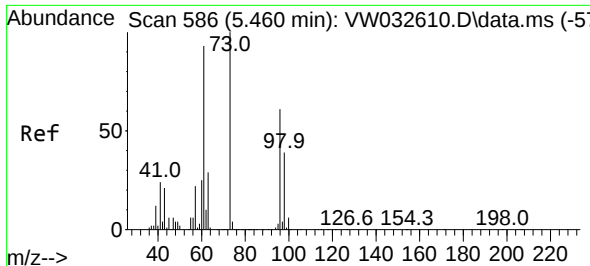
Tgt Ion: 73 Resp: 177005
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9



#20
Methylene Chloride
Concen: 20.006 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 84 Resp: 115234
Ion Ratio Lower Upper
84 100
49 136.7 106.9 160.3
51 41.1 31.4 47.2
86 61.2 51.1 76.7

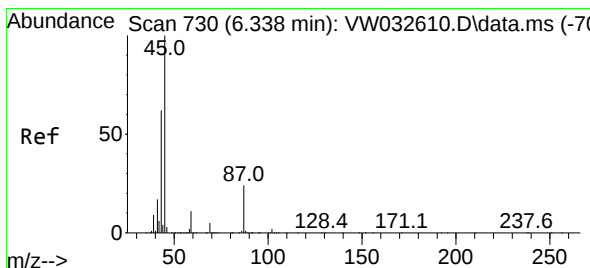
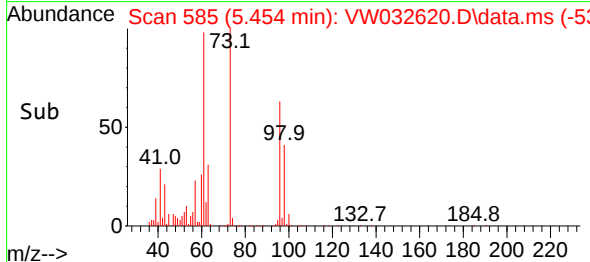
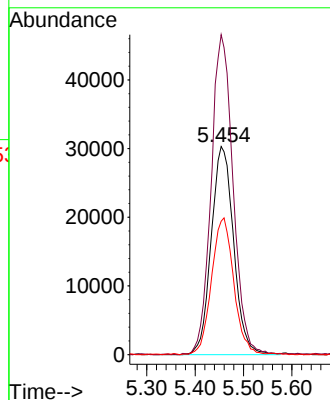
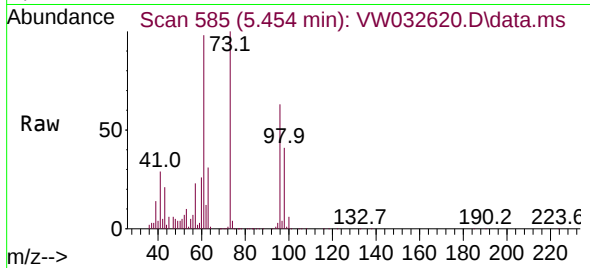




#21
trans-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

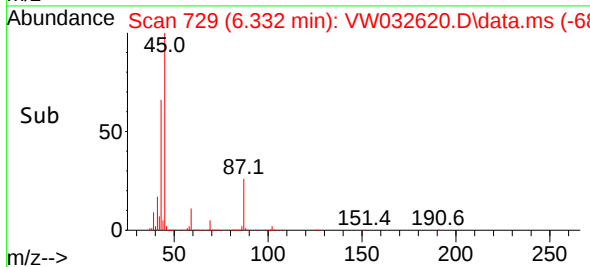
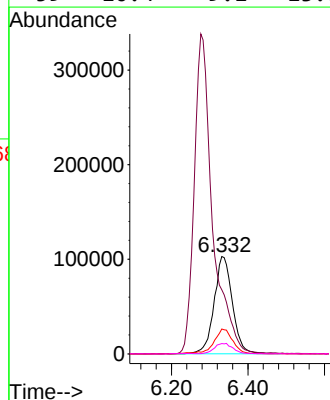
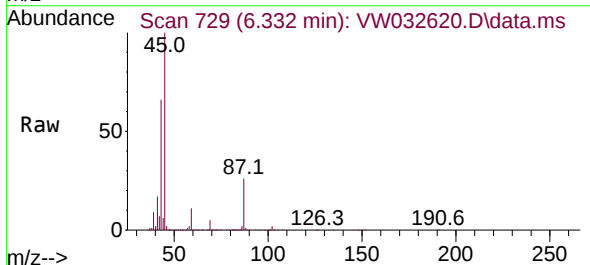
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

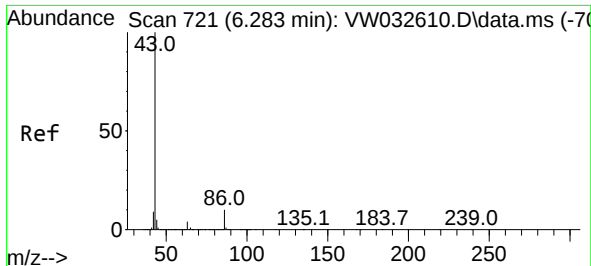
Tgt Ion: 96 Resp: 97475
Ion Ratio Lower Upper
96 100
61 153.8 121.7 182.5
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 20.740 ug/l
RT: 6.332 min Scan# 729
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 45 Resp: 341313
Ion Ratio Lower Upper
45 100
43 65.3 49.1 73.7
87 25.3 19.7 29.5
59 10.4 9.1 13.7

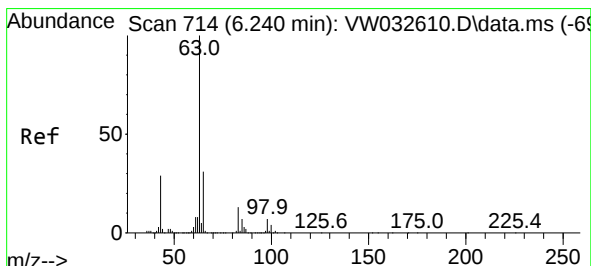
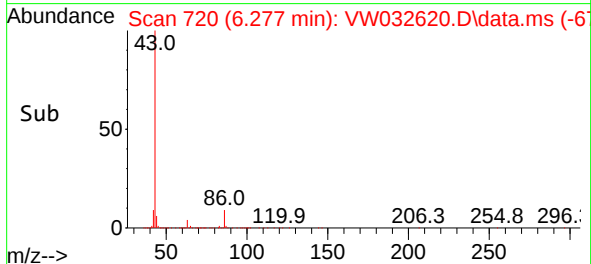
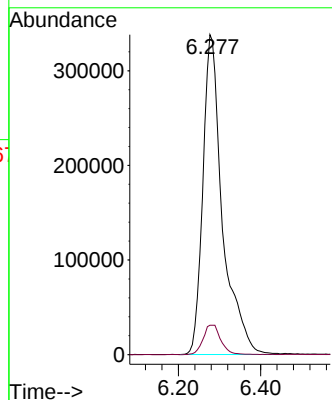
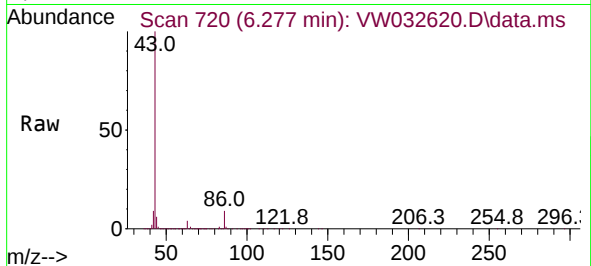




#23
 Vinyl Acetate
 Concen: 100.546 ug/l
 RT: 6.277 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

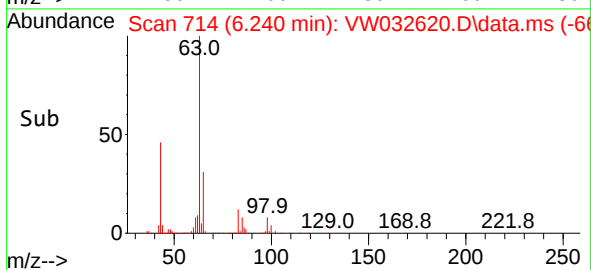
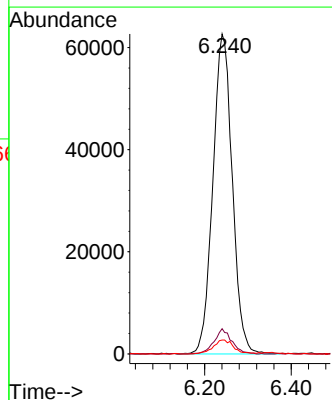
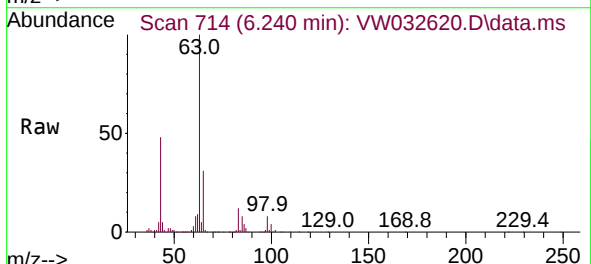
Instrument :
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 VW1211SBS01

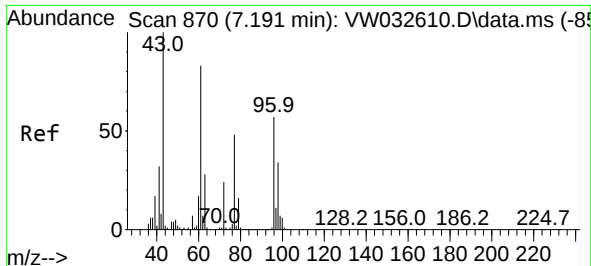
Tgt Ion: 43 Resp: 1118792
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.739 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion: 63 Resp: 195182
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.3 2.1 6.5

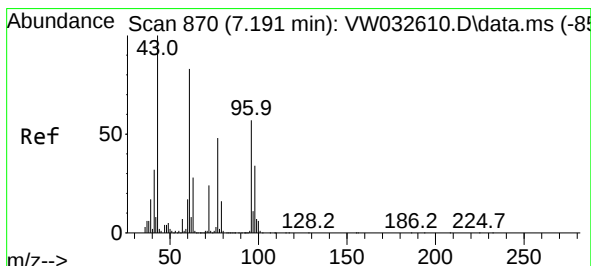
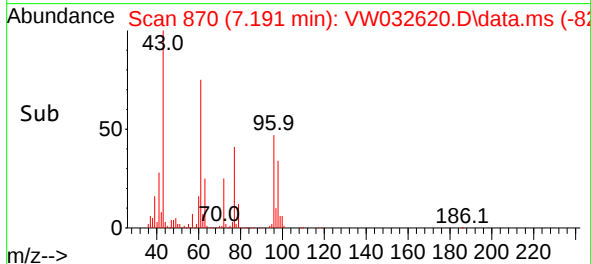
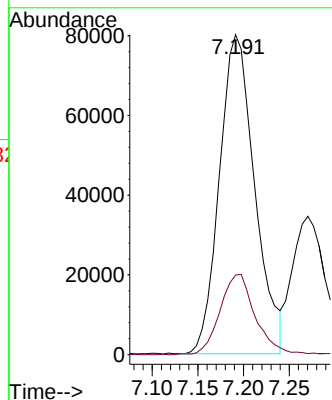
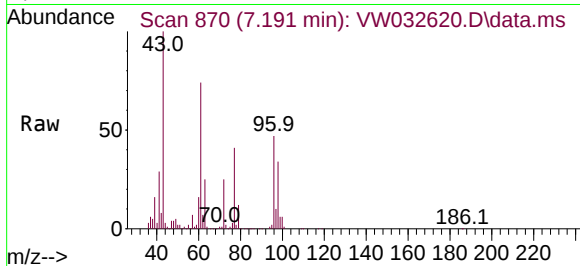




#25
2-Butanone
Concen: 97.227 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

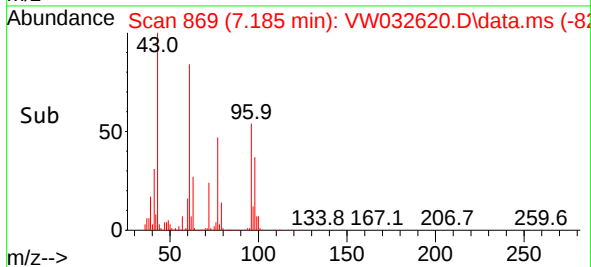
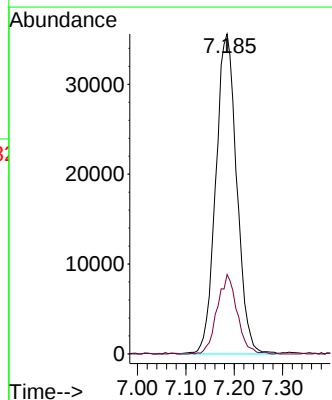
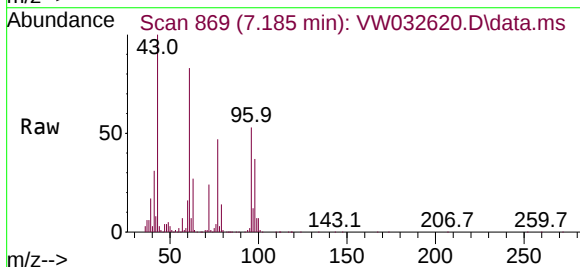
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

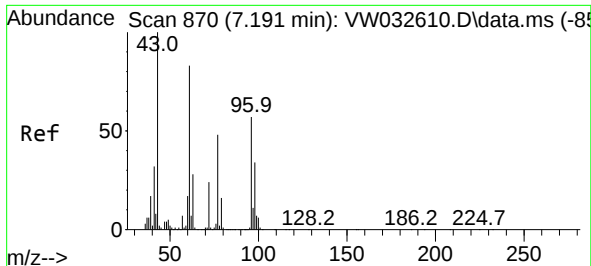
Tgt Ion: 43 Resp: 215543
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.0



#26
2,2-Dichloropropane
Concen: 20.279 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 77 Resp: 107162
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 19.889 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

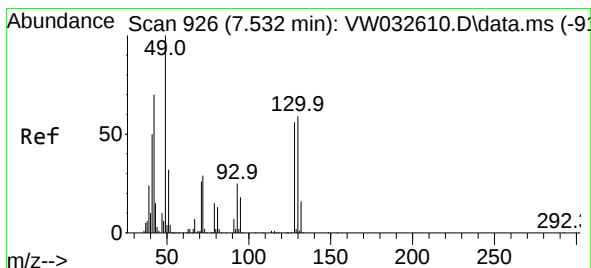
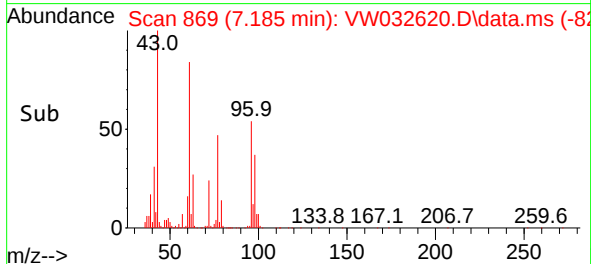
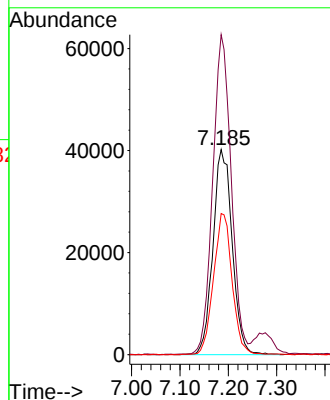
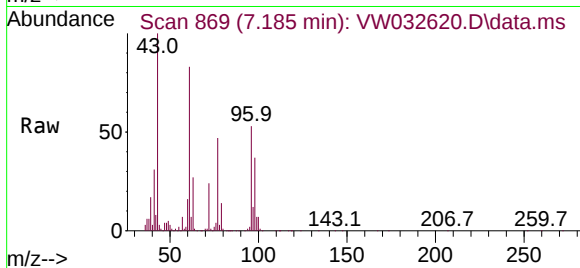
Tgt Ion: 96 Resp: 110885

Ion Ratio Lower Upper

96 100

61 149.9 0.0 295.8

98 66.5 0.0 127.2



#28

Bromochloromethane

Concen: 22.947 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

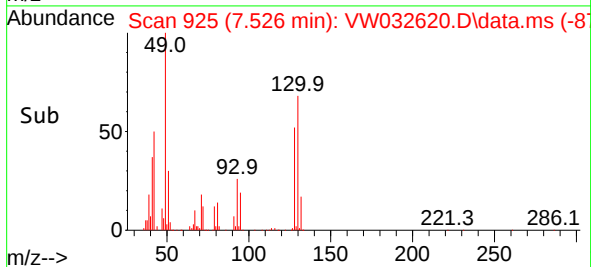
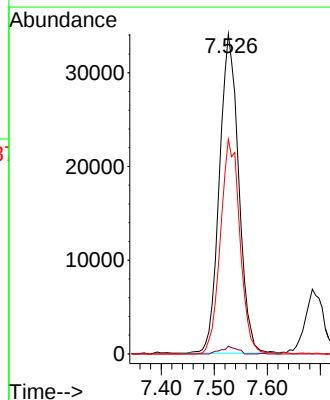
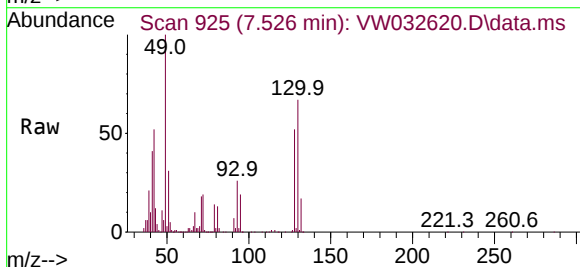
Tgt Ion: 49 Resp: 85793

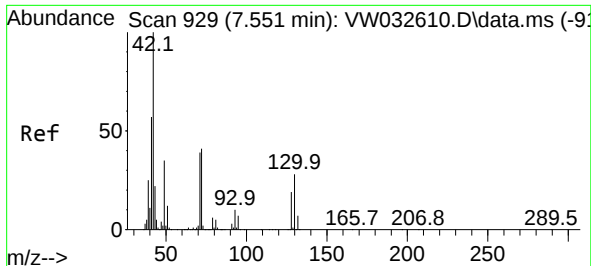
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.0 53.3 79.9





#29

Tetrahydrofuran

Concen: 95.451 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

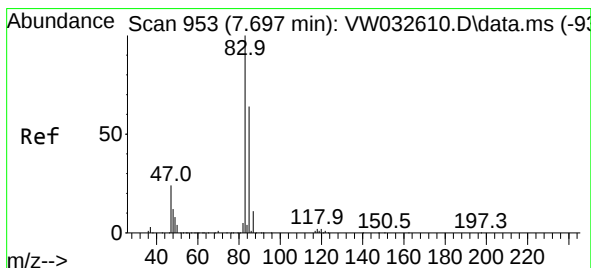
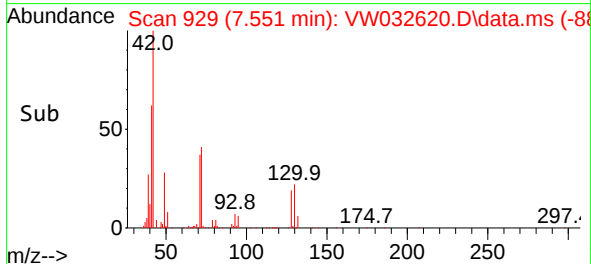
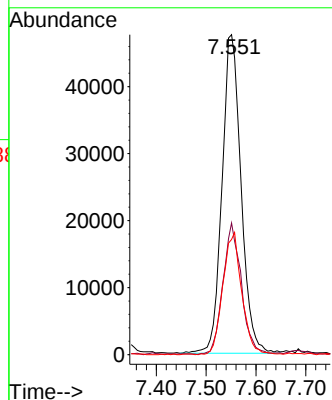
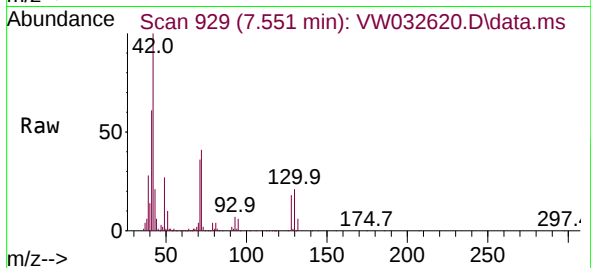
Tgt Ion: 42 Resp: 127039

Ion Ratio Lower Upper

42 100

72 40.0 33.2 49.8

71 38.1 30.7 46.1



#30

Chloroform

Concen: 21.064 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.012 min

Lab File: VW032620.D

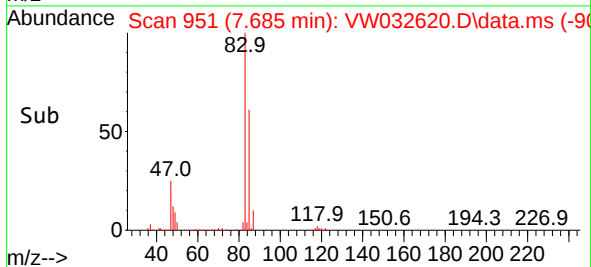
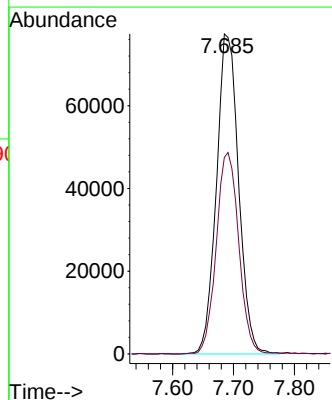
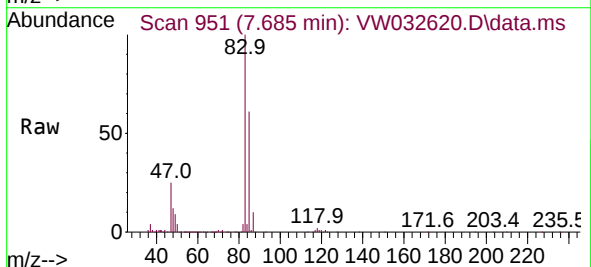
Acq: 11 Dec 2025 10:19

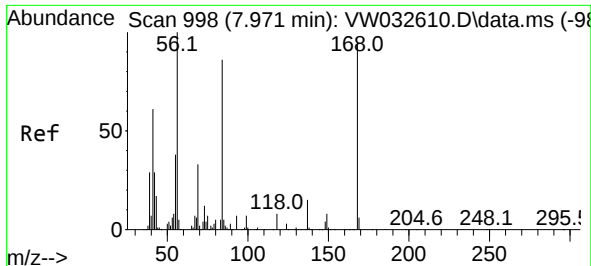
Tgt Ion: 83 Resp: 195546

Ion Ratio Lower Upper

83 100

85 61.4 51.4 77.2

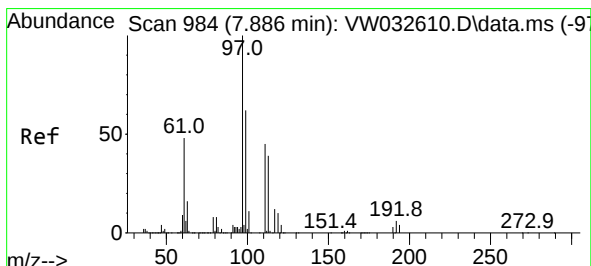
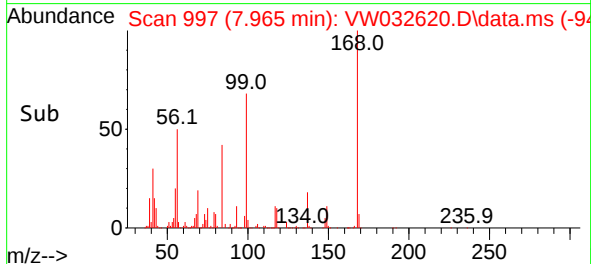
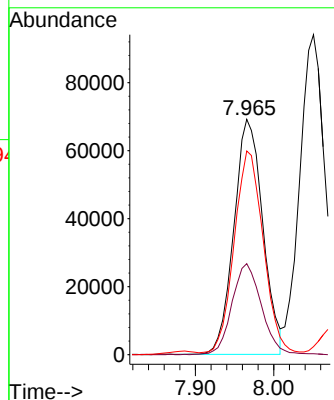
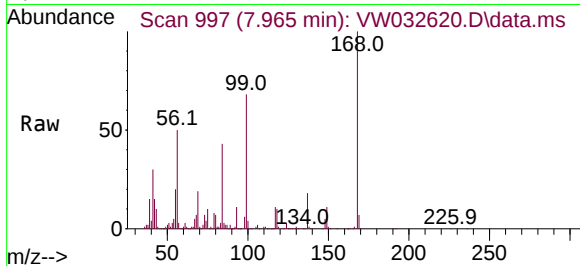




#31
Cyclohexane
Concen: 20.435 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

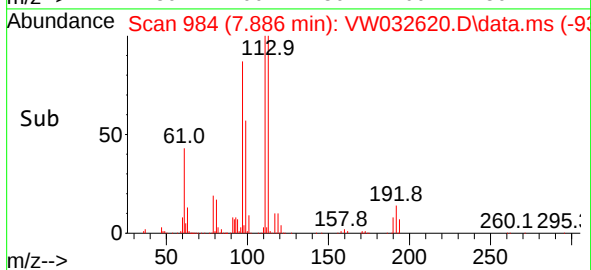
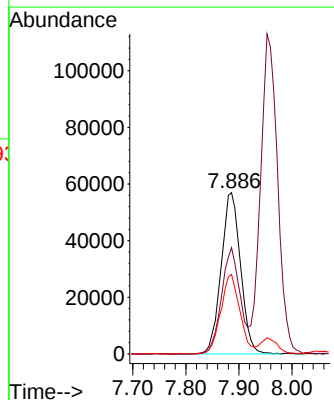
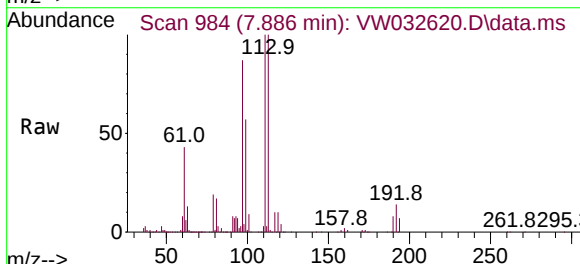
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

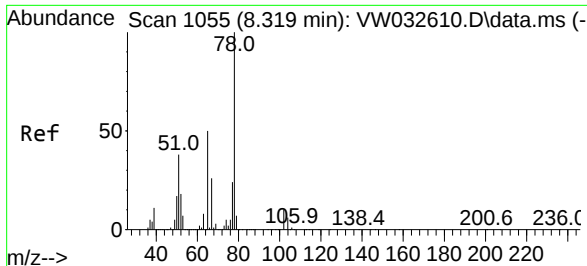
Tgt Ion: 56 Resp: 177264
Ion Ratio Lower Upper
56 100
69 38.7 26.2 39.2
84 85.3 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 21.170 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 97 Resp: 144513
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 48.5 37.8 56.8

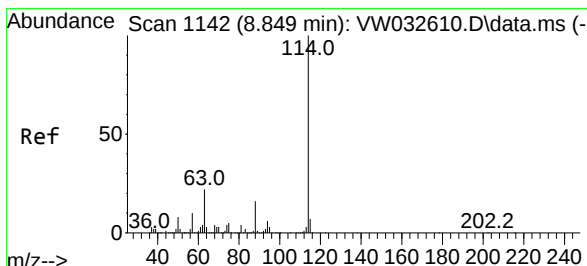
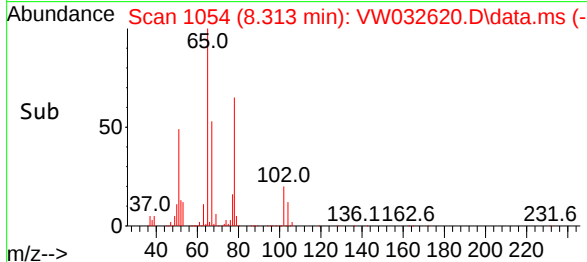
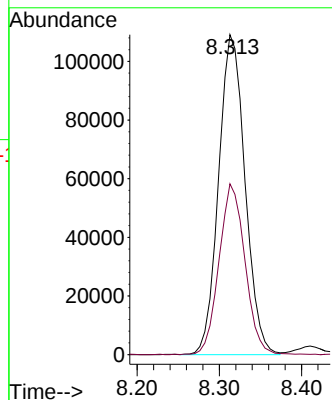
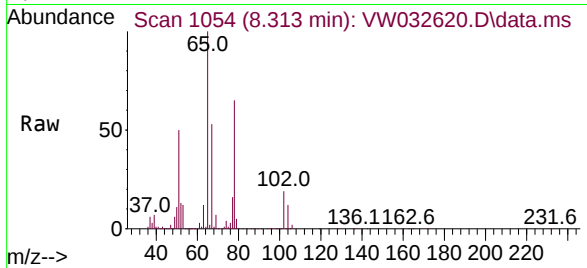




#33
 1,2-Dichloroethane-d4
 Concen: 43.525 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

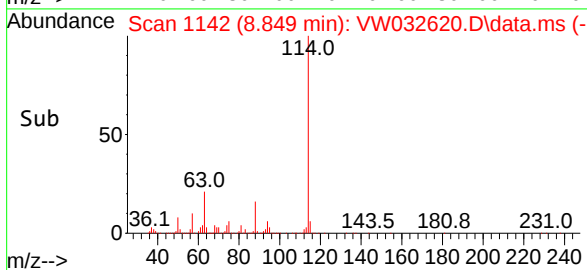
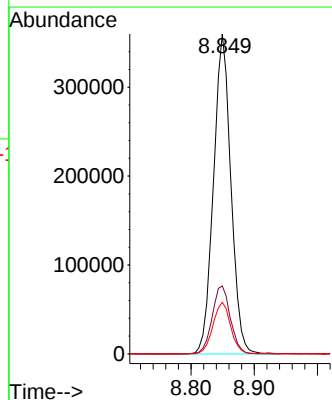
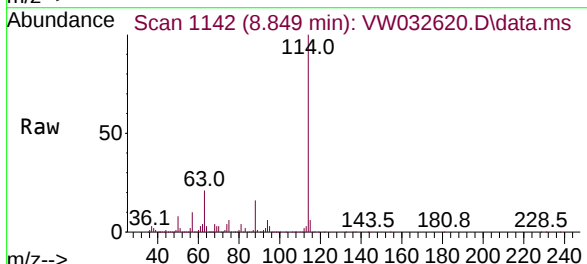
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

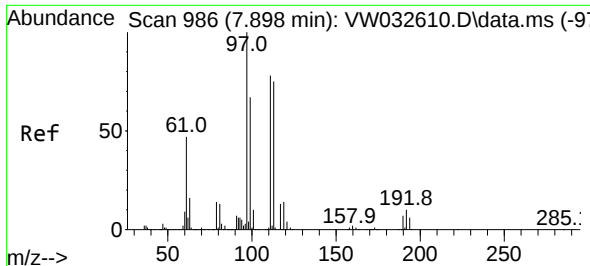
Tgt Ion: 65 Resp: 243768
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion: 114 Resp: 688529
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.6
 88 16.1 0.0 31.8

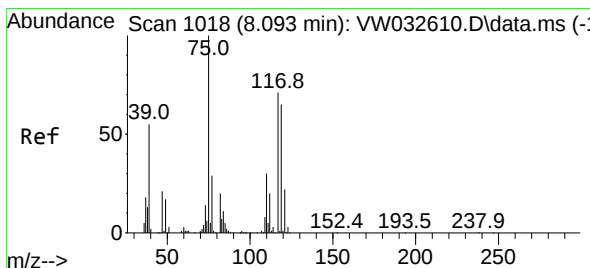
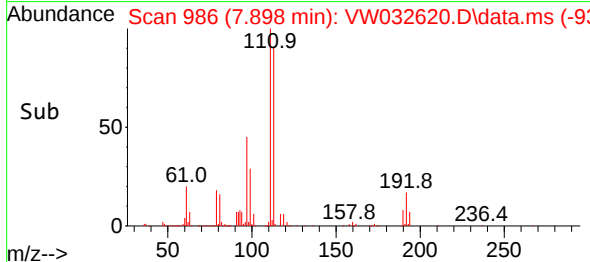
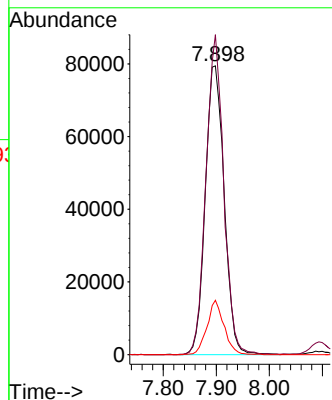
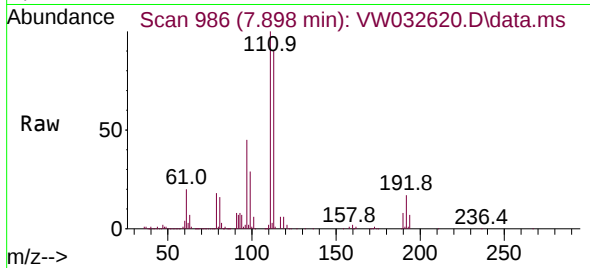




#35
 Dibromofluoromethane
 Concen: 40.700 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

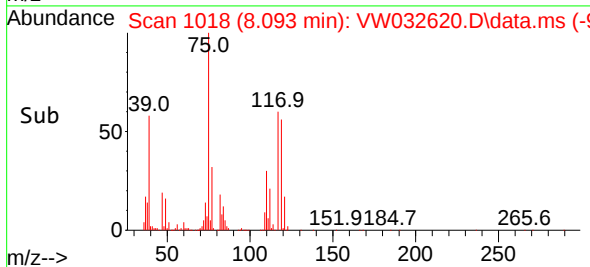
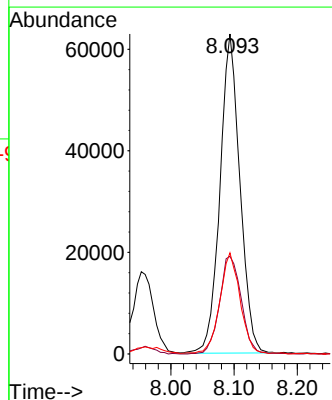
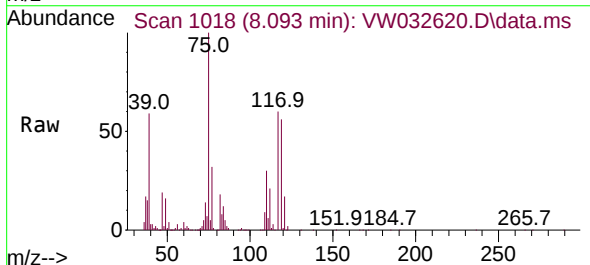
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

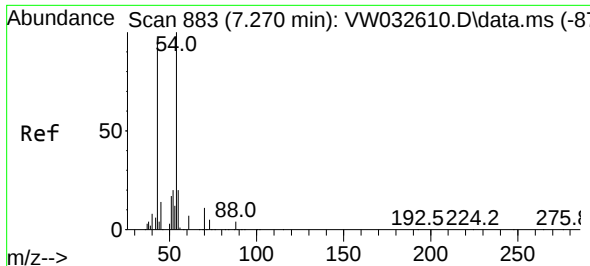
Tgt Ion:113 Resp: 196508
 Ion Ratio Lower Upper
 113 100
 111 104.4 85.2 127.8
 192 16.9 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 19.466 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion: 75 Resp: 137989
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.3 48.9
 77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 18.649 ug/l

RT: 7.270 min Scan# 883

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

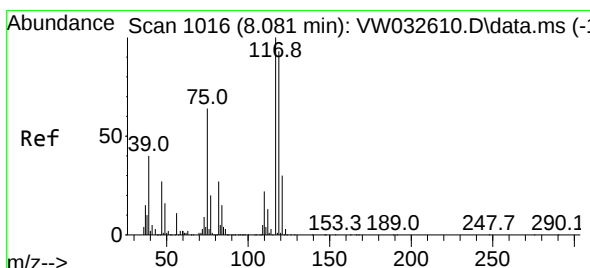
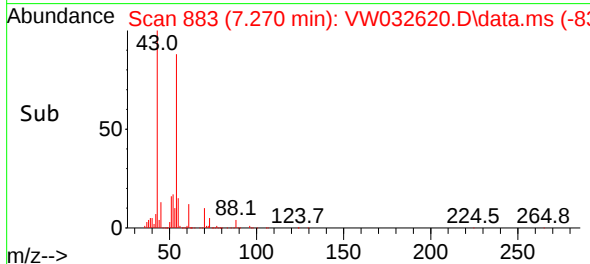
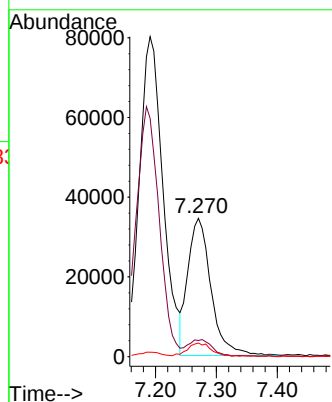
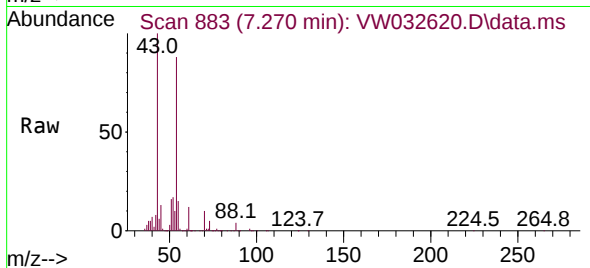
Tgt Ion: 43 Resp: 90552

Ion Ratio Lower Upper

43 100

61 11.4 10.3 15.5

70 9.6 7.7 11.5



#38

Carbon Tetrachloride

Concen: 19.278 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

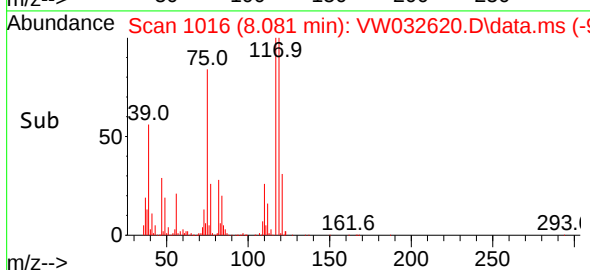
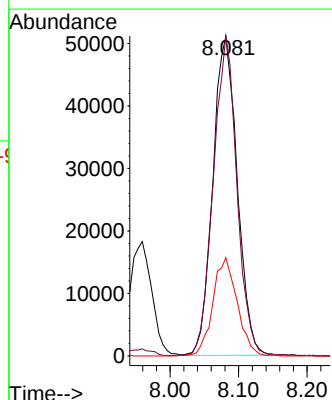
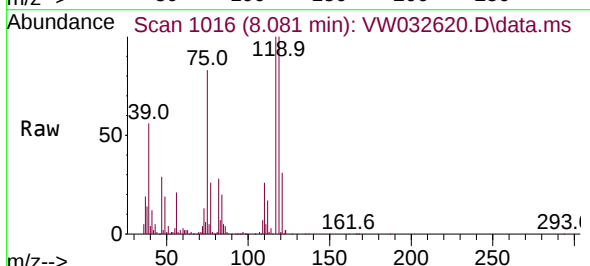
Tgt Ion: 117 Resp: 126399

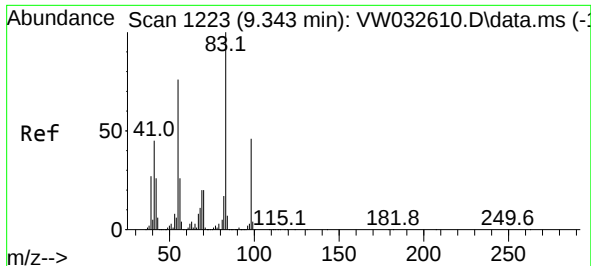
Ion Ratio Lower Upper

117 100

119 100.2 74.3 111.5

121 30.8 23.6 35.4

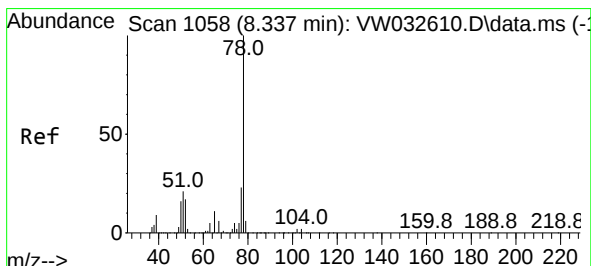
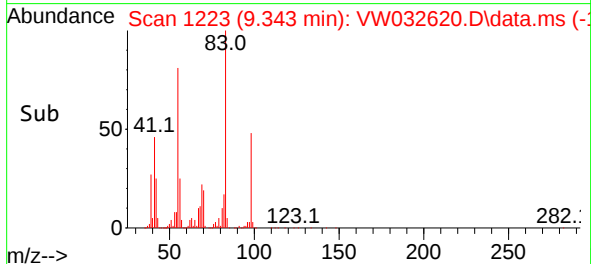
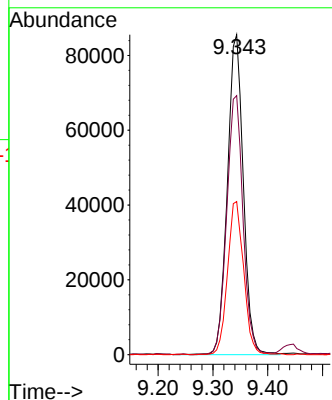
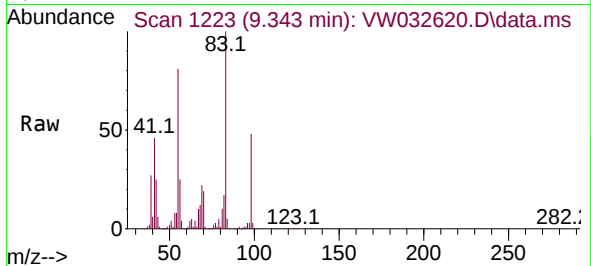




#39
Methylcyclohexane
Concen: 19.367 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

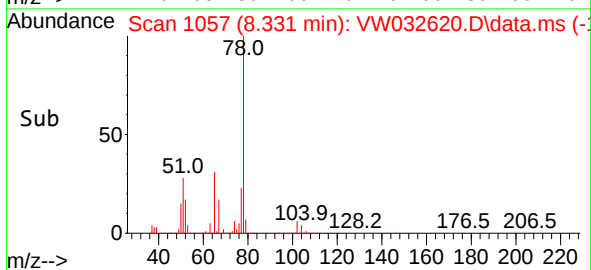
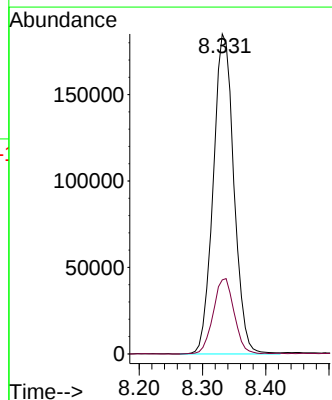
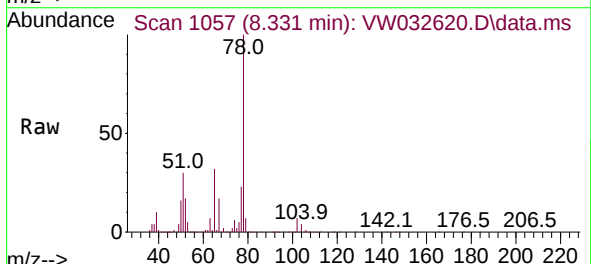
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

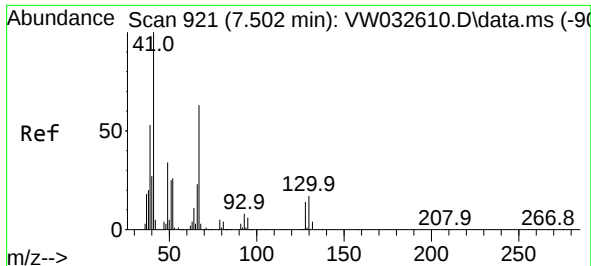
Tgt Ion: 83 Resp: 172655
Ion Ratio Lower Upper
83 100
55 80.8 61.2 91.8
98 47.7 37.0 55.4



#40
Benzene
Concen: 19.570 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 78 Resp: 420851
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

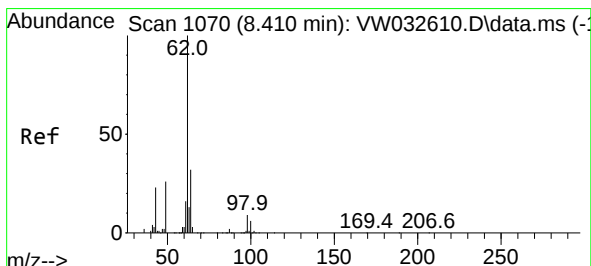
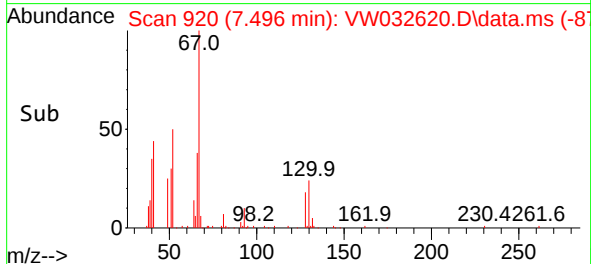
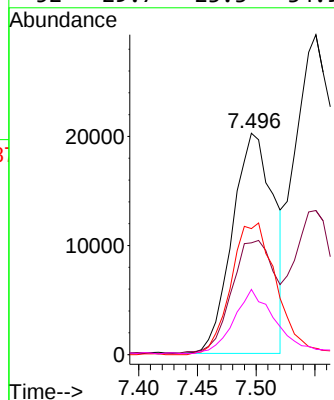
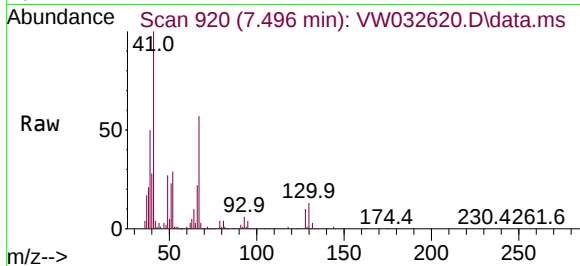




#41
Methacrylonitrile
Concen: 19.158 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

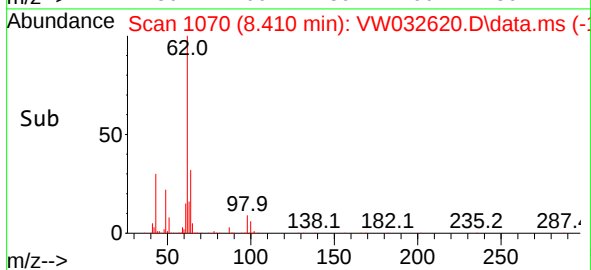
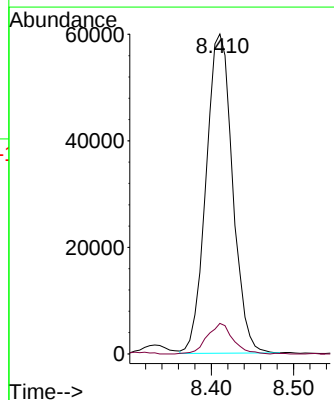
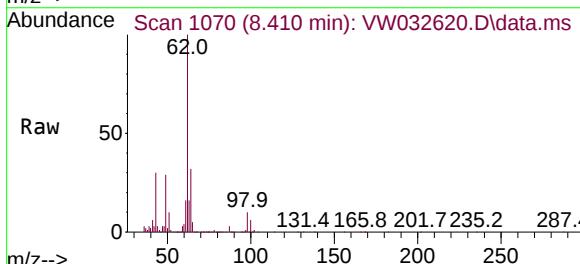
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

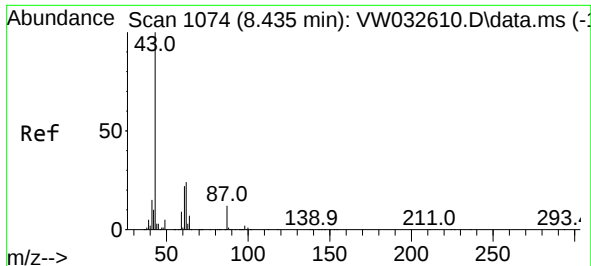
Tgt Ion: 41	Resp: 49720
Ion Ratio	Lower Upper
41 100	
39 53.6	47.3 70.9
67 66.0	55.9 83.9
52 29.7	23.3 34.9



#42
1,2-Dichloroethane
Concen: 19.592 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 62	Resp: 134147
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 18.8

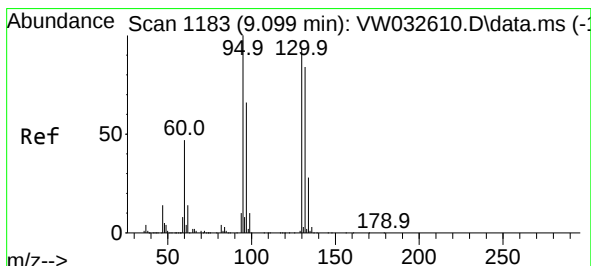
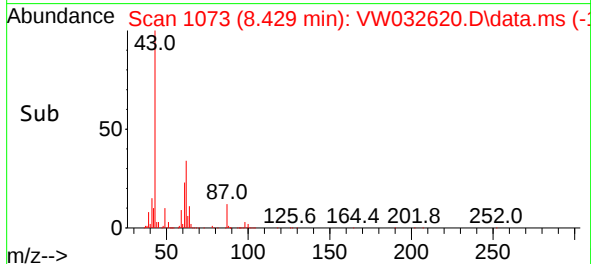
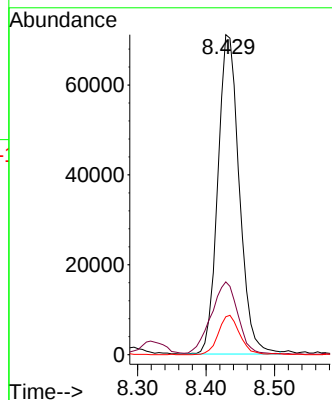
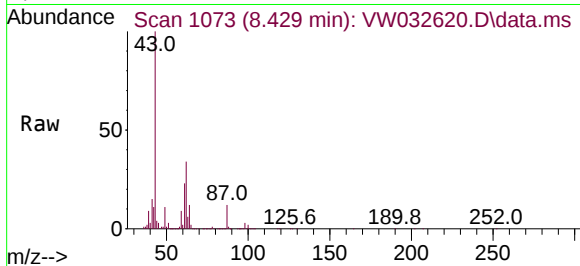




#43
Isopropyl Acetate
Concen: 17.972 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

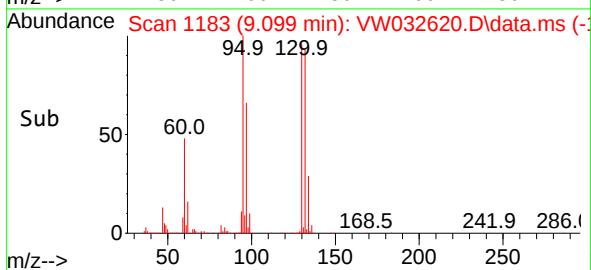
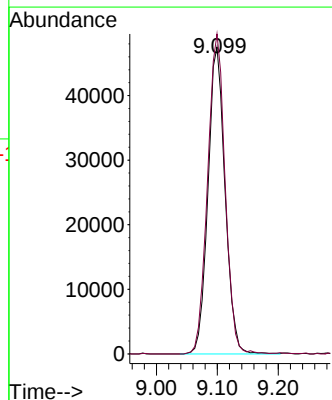
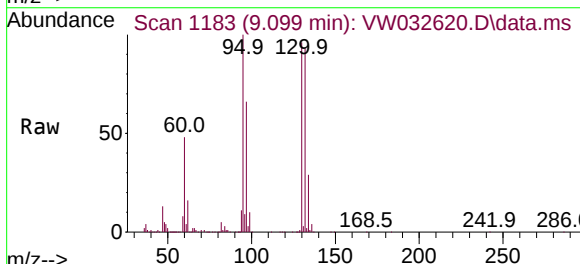
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

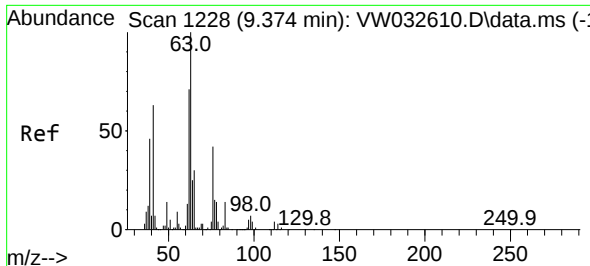
Tgt Ion: 43 Resp: 154758
Ion Ratio Lower Upper
43 100
61 28.1 22.7 34.1
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 18.828 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:130 Resp: 92451
Ion Ratio Lower Upper
130 100
95 104.3 0.0 215.6

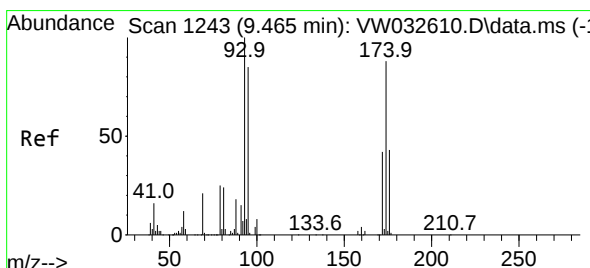
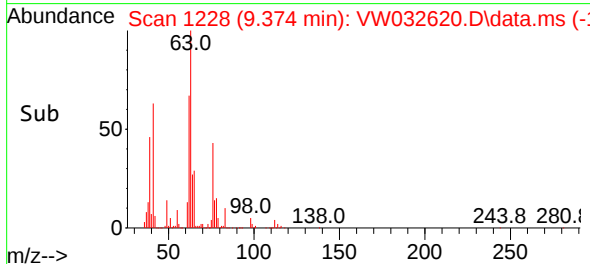
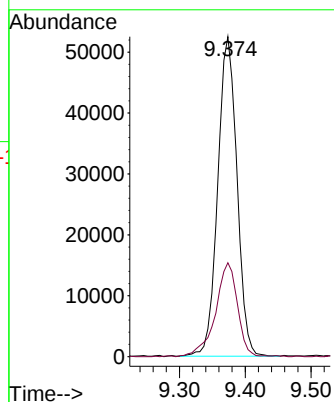
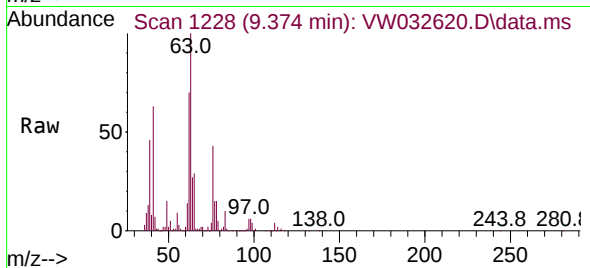




#45
1,2-Dichloropropane
Concen: 19.503 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

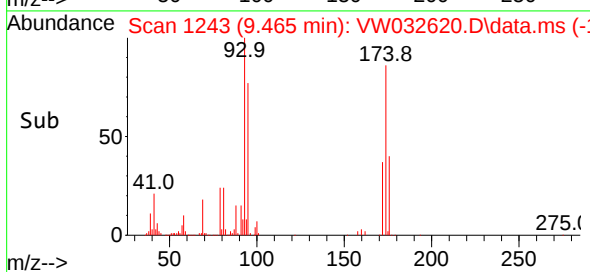
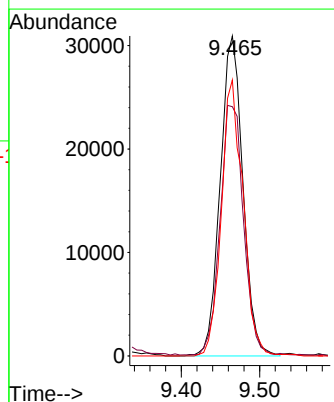
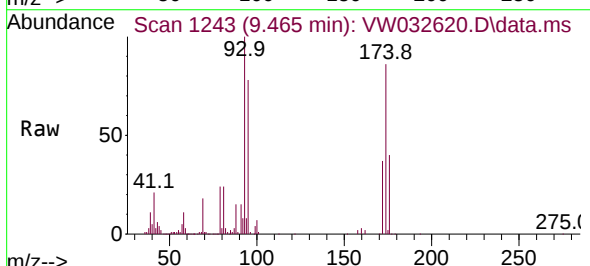
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

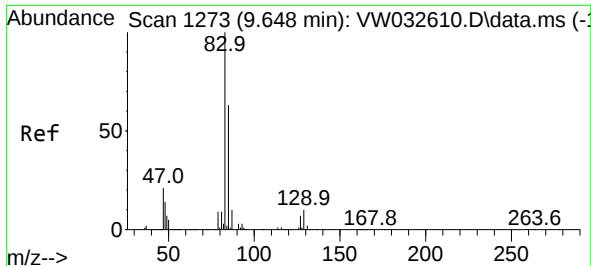
Tgt Ion: 63 Resp: 106128
Ion Ratio Lower Upper
63 100
65 29.2 23.8 35.6



#46
Dibromomethane
Concen: 19.484 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 93 Resp: 62117
Ion Ratio Lower Upper
93 100
95 80.5 67.0 100.4
174 82.4 67.6 101.4

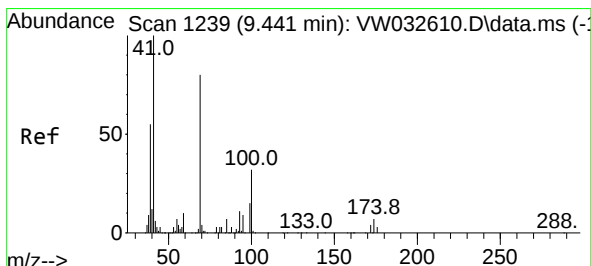
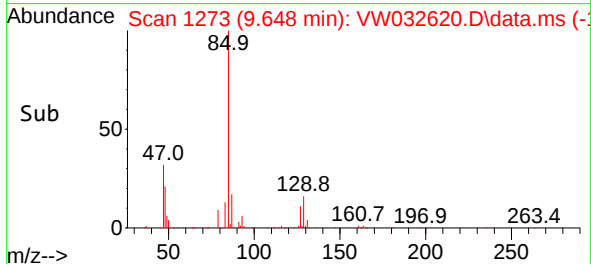
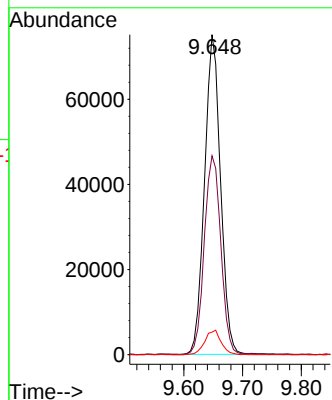
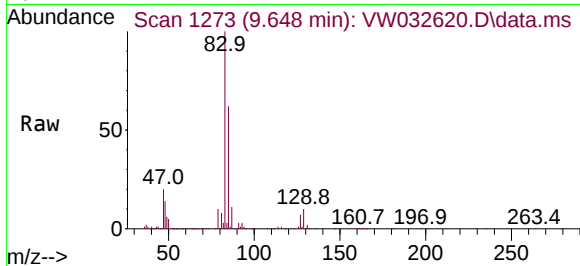




#47
Bromodichloromethane
Concen: 19.149 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

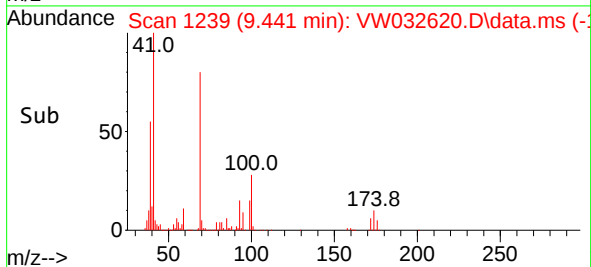
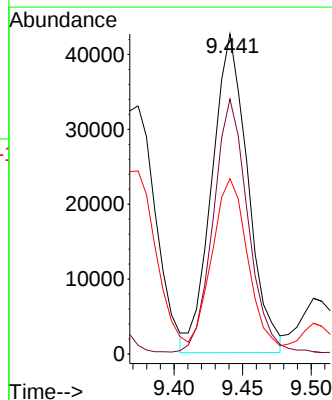
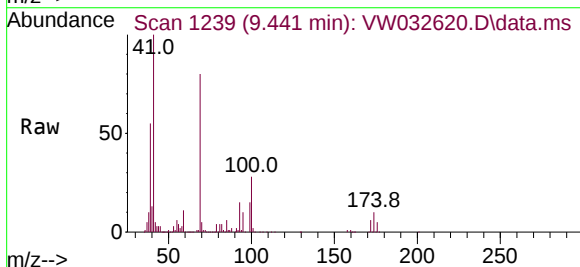
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

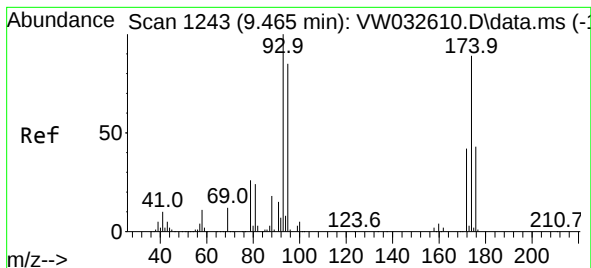
Tgt Ion: 83 Resp: 142010
Ion Ratio Lower Upper
83 100
85 62.2 50.7 76.1
127 7.0 6.0 9.0



#48
Methyl methacrylate
Concen: 19.176 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 41 Resp: 77938
Ion Ratio Lower Upper
41 100
69 77.4 67.9 101.9
39 50.5 43.8 65.8





#49

1,4-Dioxane

Concen: 336.733 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

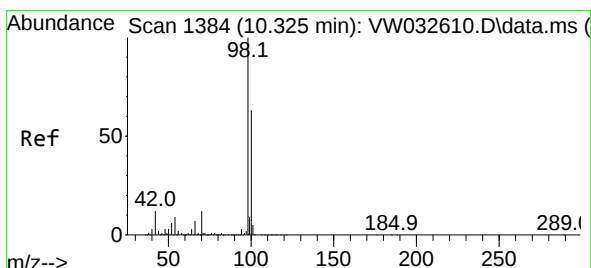
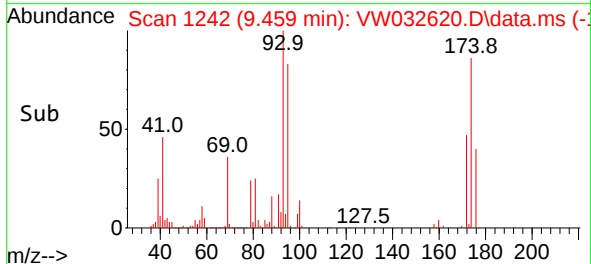
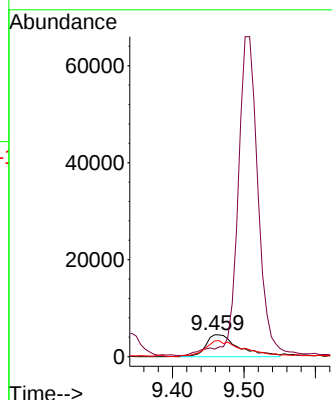
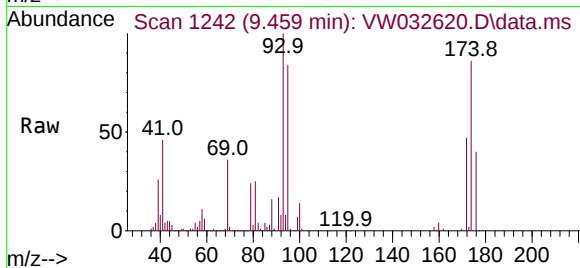
Tgt Ion: 88 Resp: 14402

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 88.0 63.8 95.8



#50

Toluene-d8

Concen: 42.525 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032620.D

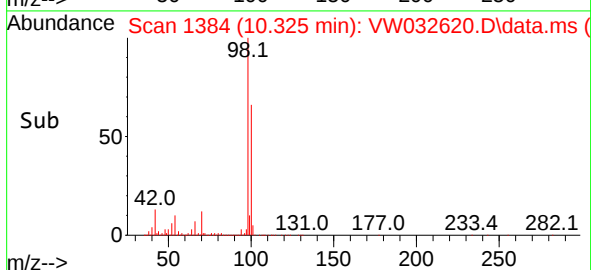
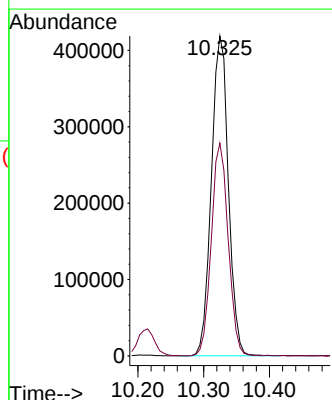
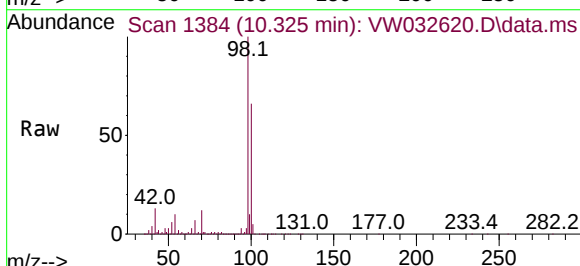
Acq: 11 Dec 2025 10:19

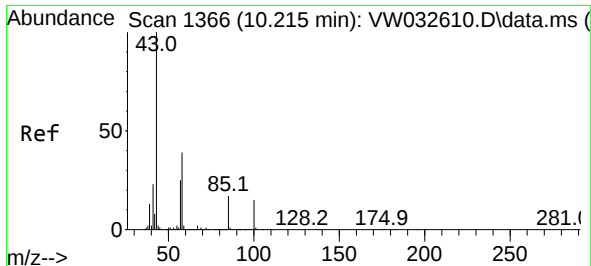
Tgt Ion: 98 Resp: 751428

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 93.128 ug/l

RT: 10.209 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

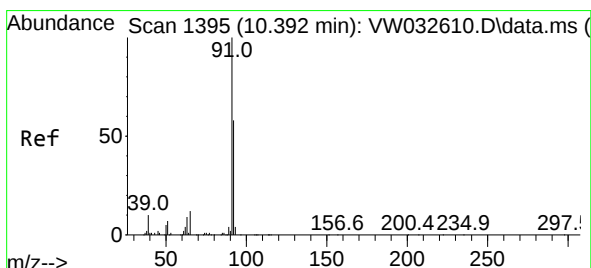
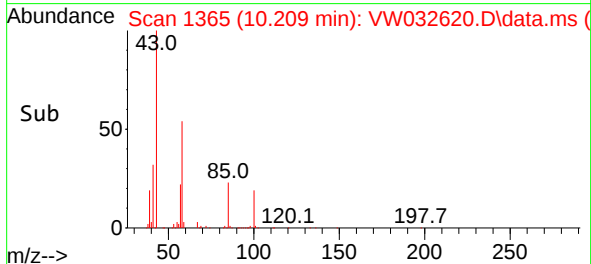
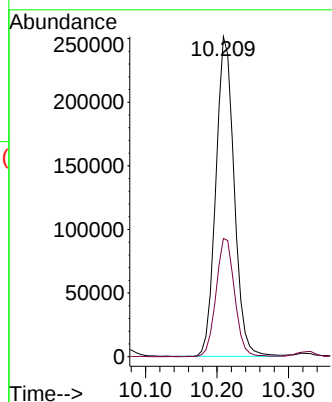
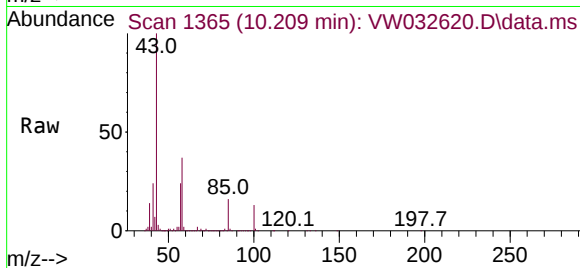
VW1211SBS01

Tgt Ion: 43 Resp: 447109

Ion Ratio Lower Upper

43 100

58 37.5 30.6 45.8



#52

Toluene

Concen: 19.413 ug/l

RT: 10.386 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VW032620.D

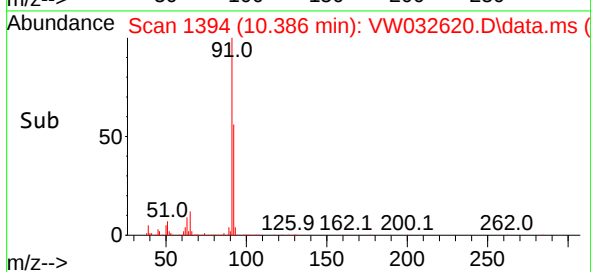
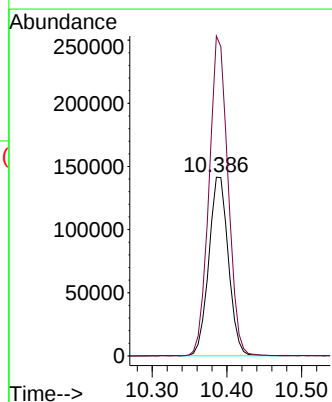
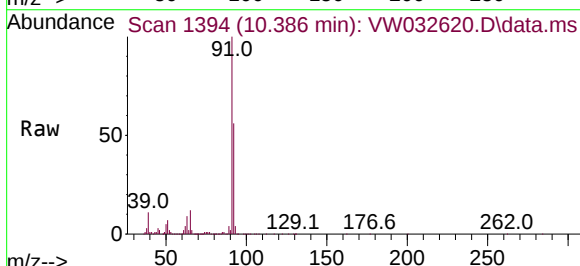
Acq: 11 Dec 2025 10:19

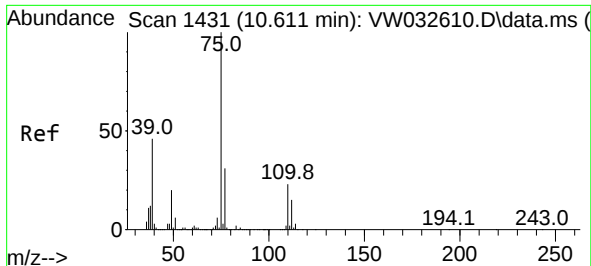
Tgt Ion: 92 Resp: 256850

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4

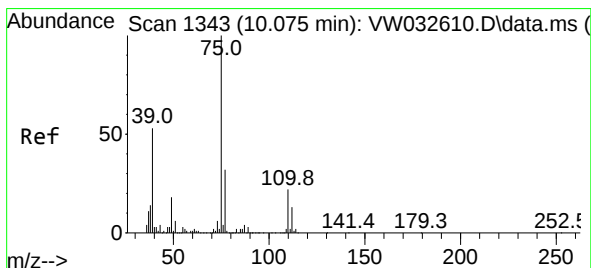
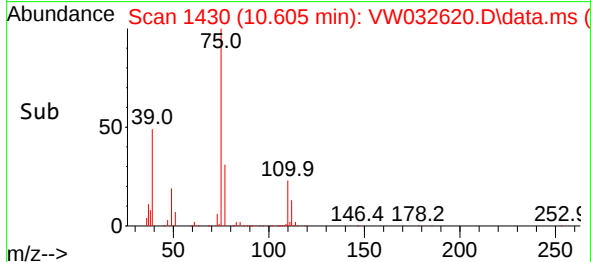
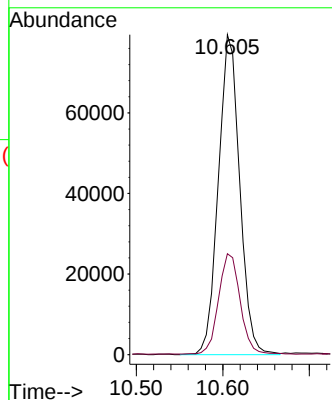
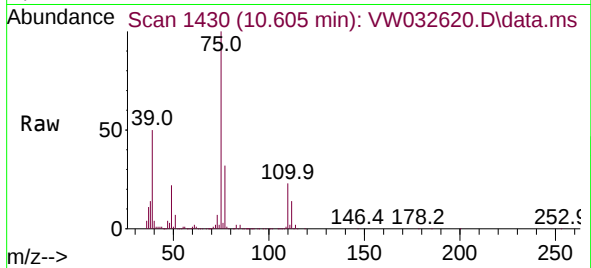




#53
 t-1,3-Dichloropropene
 Concen: 18.659 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

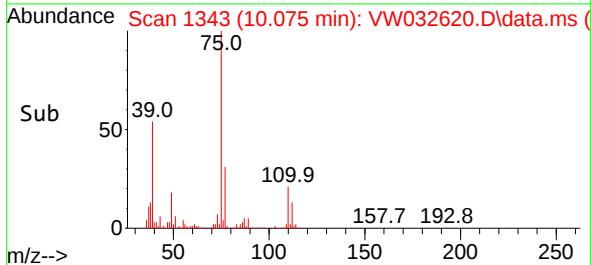
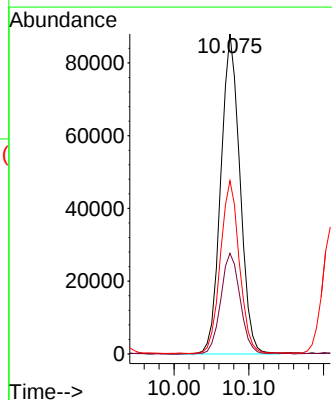
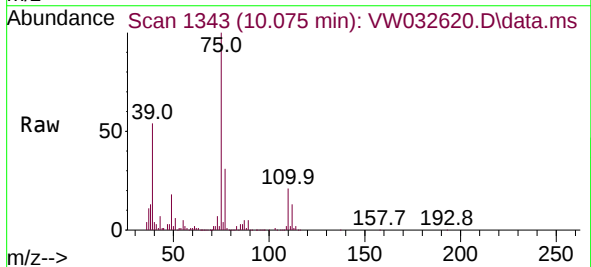
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

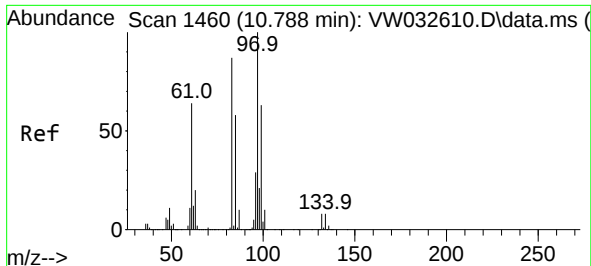
Tgt Ion: 75 Resp: 136440
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.565 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion: 75 Resp: 156537
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.0 39.0
 39 53.9 42.5 63.7

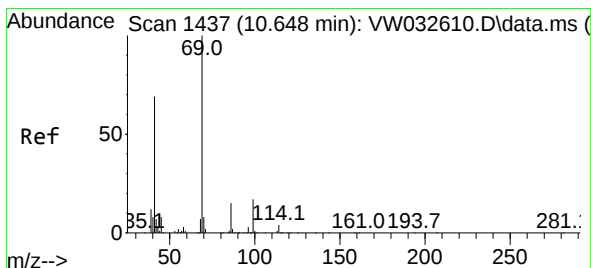
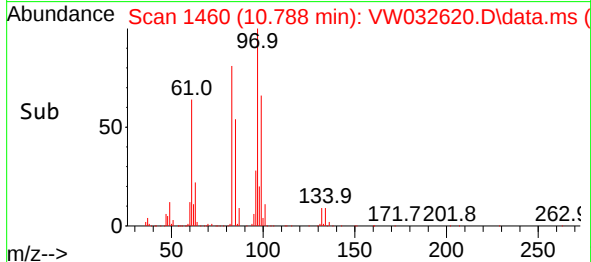
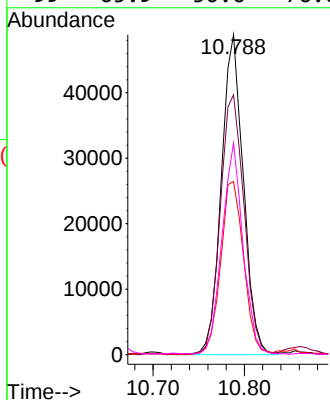
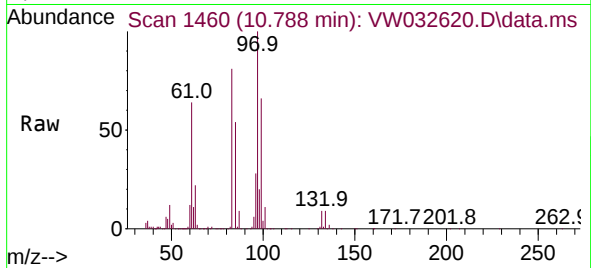




#55
1,1,2-Trichloroethane
Concen: 19.112 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

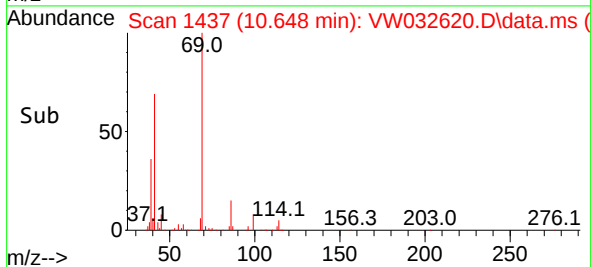
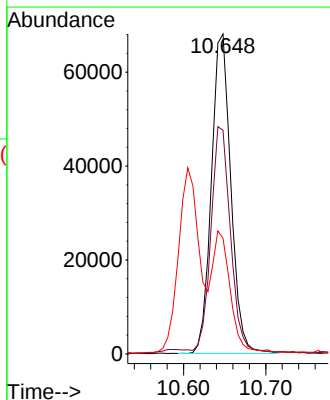
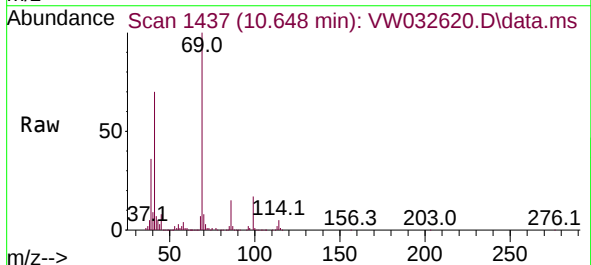
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

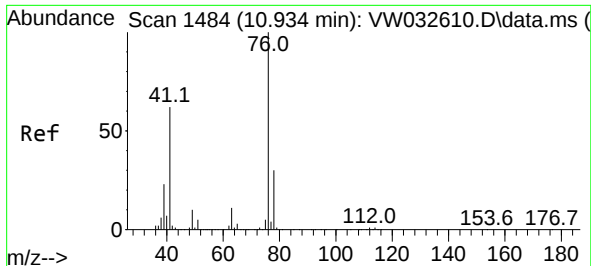
Tgt Ion:	97	Resp:	81756
Ion	Ratio	Lower	Upper
97	100		
83	81.2	69.3	103.9
85	54.0	46.1	69.1
99	65.9	50.6	76.0



#56
Ethyl methacrylate
Concen: 18.128 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:	69	Resp:	111949
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.0	85.6
39	33.9	27.2	40.8





#57

1,3-Dichloropropane

Concen: 19.341 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

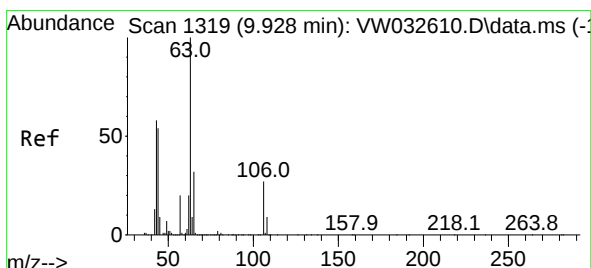
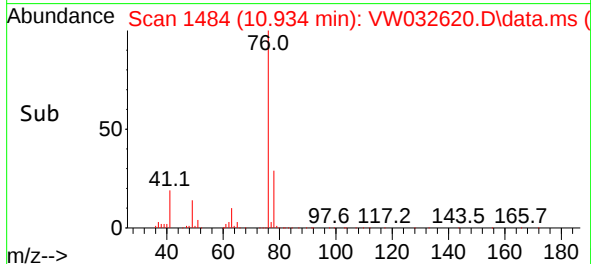
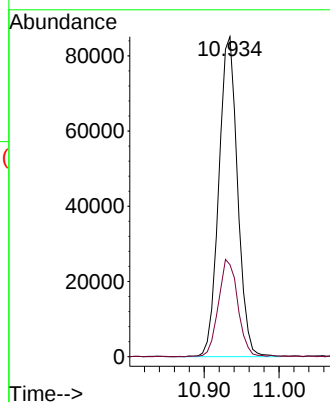
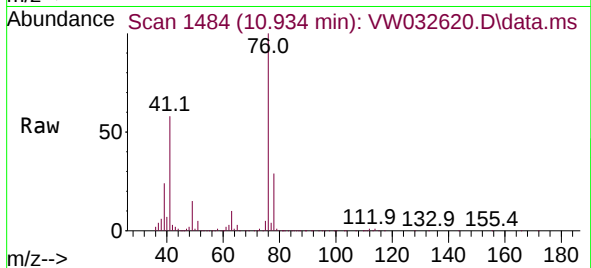
VW1211SBS01

Tgt Ion: 76 Resp: 148599

Ion Ratio Lower Upper

76 100

78 31.4 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 174.368 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032620.D

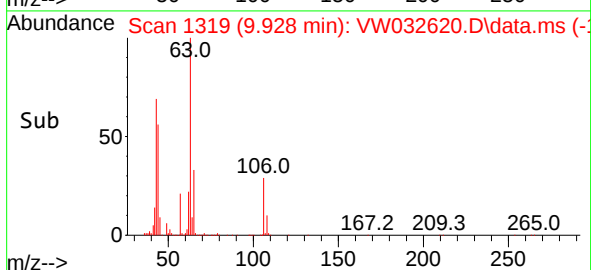
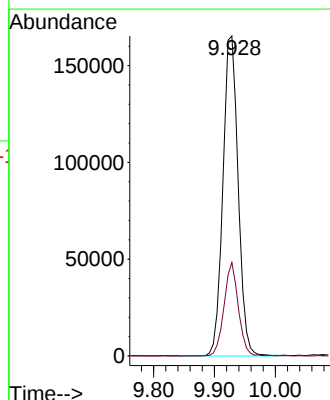
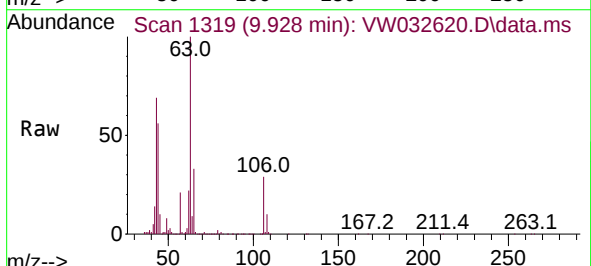
Acq: 11 Dec 2025 10:19

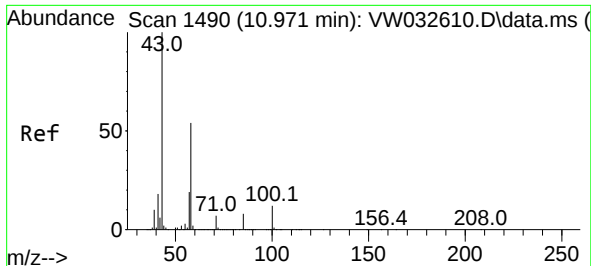
Tgt Ion: 63 Resp: 287290

Ion Ratio Lower Upper

63 100

106 27.3 21.3 31.9

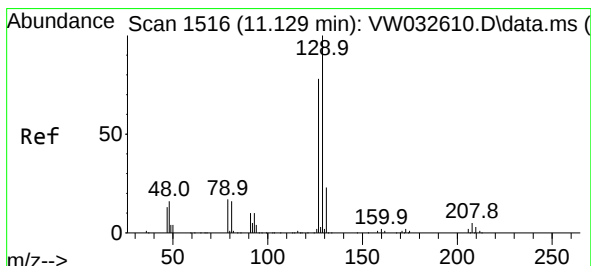
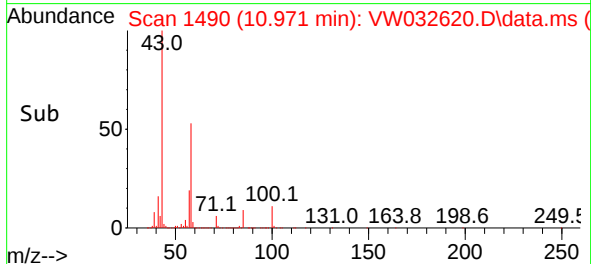
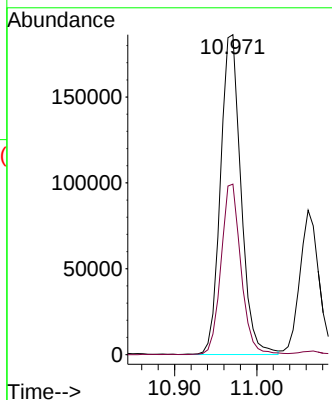
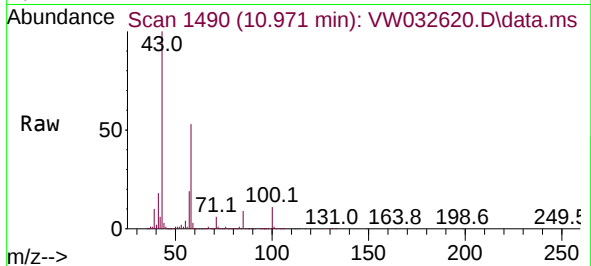




#59
2-Hexanone
Concen: 92.616 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

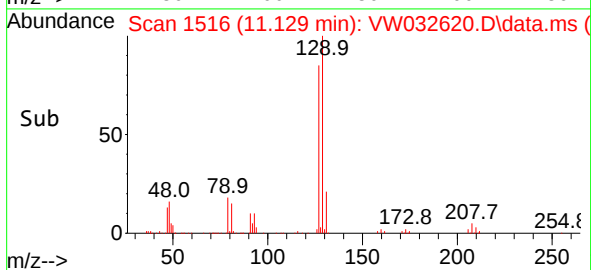
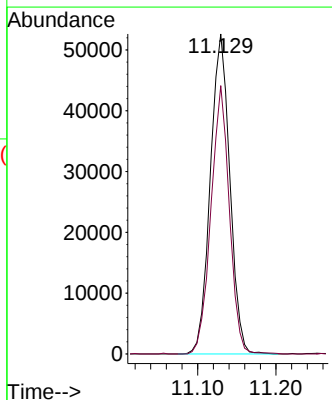
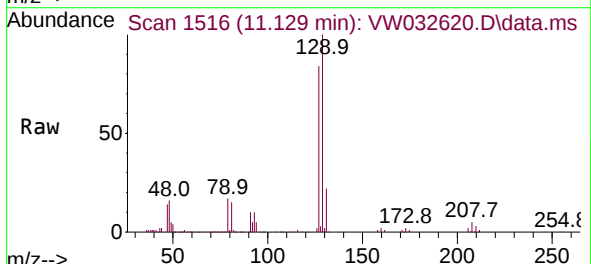
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

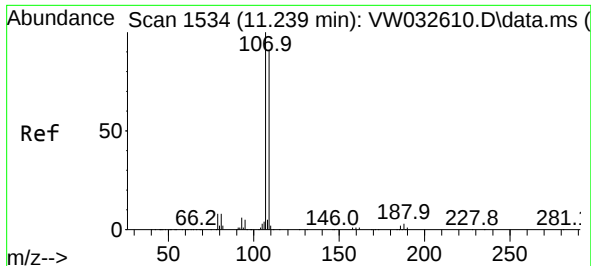
Tgt Ion: 43 Resp: 322041
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.9



#60
Dibromochloromethane
Concen: 19.064 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:129 Resp: 90833
Ion Ratio Lower Upper
129 100
127 79.2 37.2 111.6

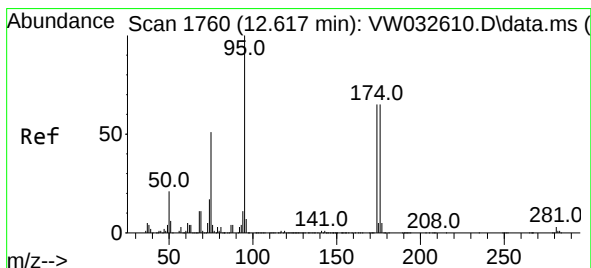
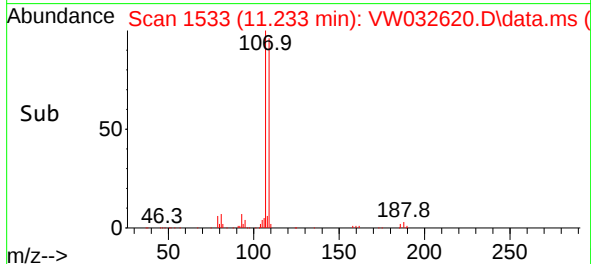
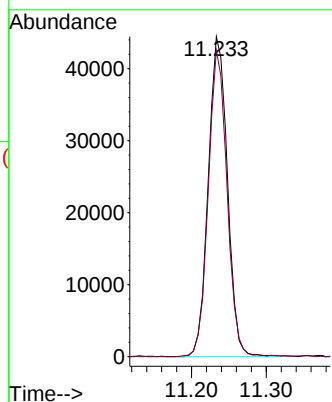
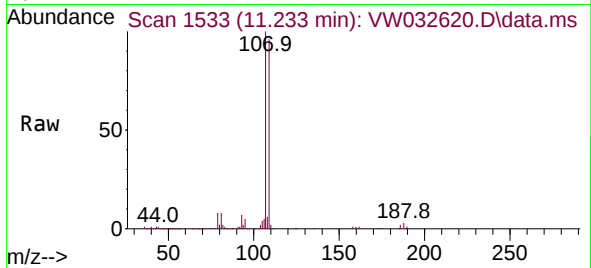




#61
1,2-Dibromoethane
Concen: 19.105 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

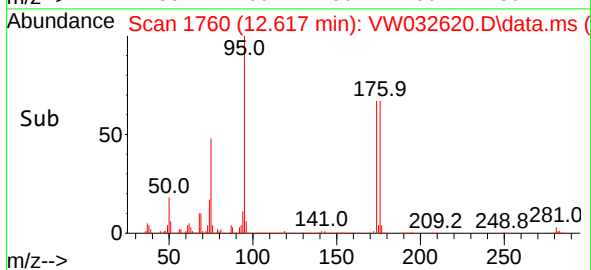
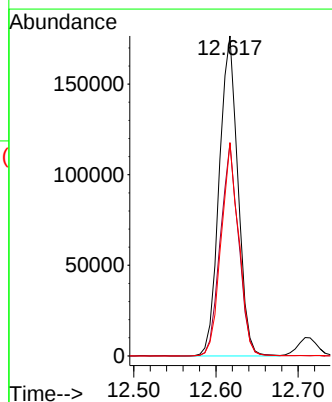
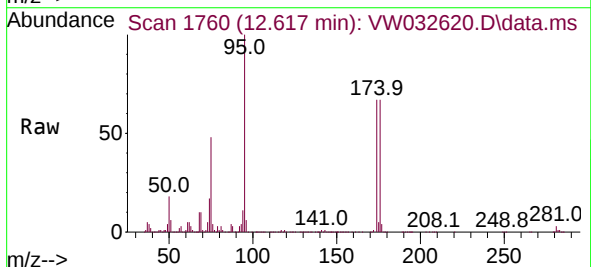
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

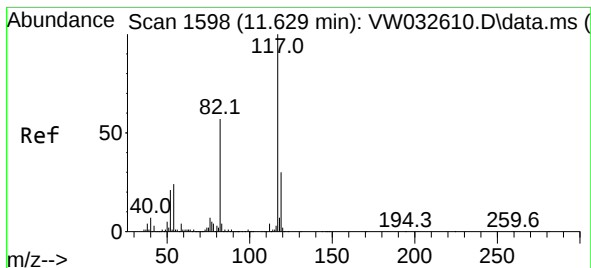
Tgt Ion:107 Resp: 79027
Ion Ratio Lower Upper
107 100
109 93.6 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 42.908 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 95 Resp: 278365
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.0
176 62.9 0.0 123.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

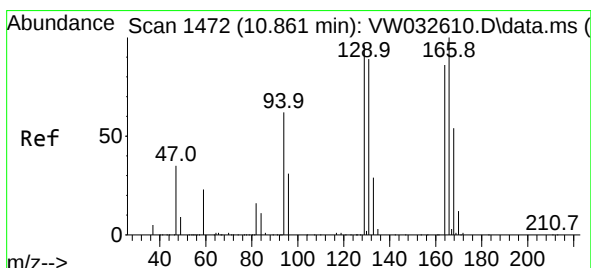
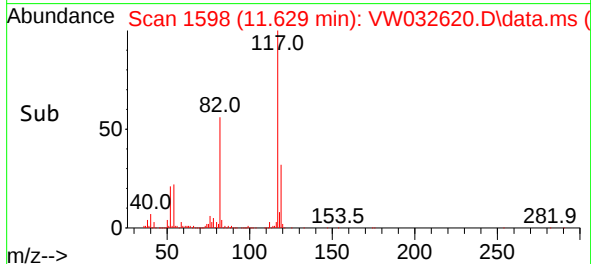
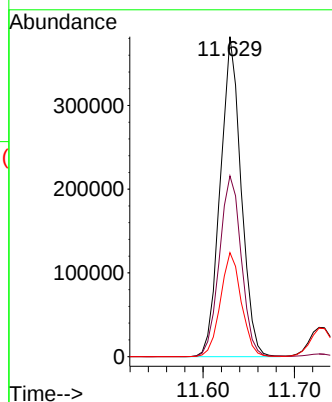
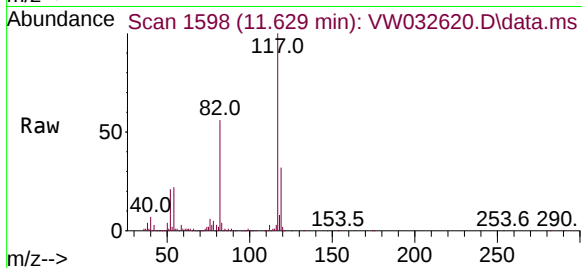
Tgt Ion:117 Resp: 603823

Ion Ratio Lower Upper

117 100

82 56.4 45.5 68.3

119 32.5 23.8 35.8



#64

Tetrachloroethene

Concen: 20.623 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Tgt Ion:164 Resp: 79841

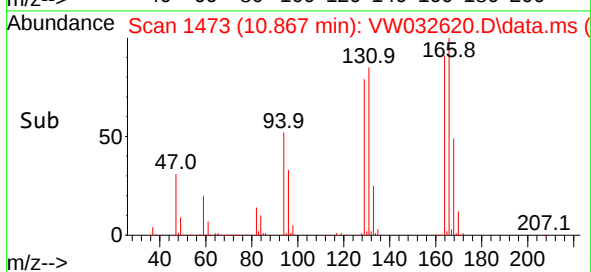
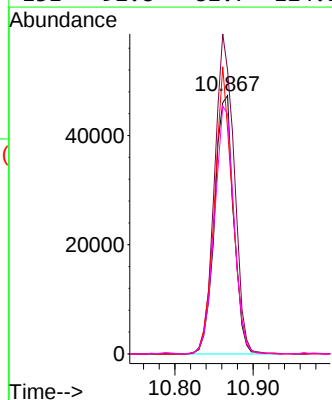
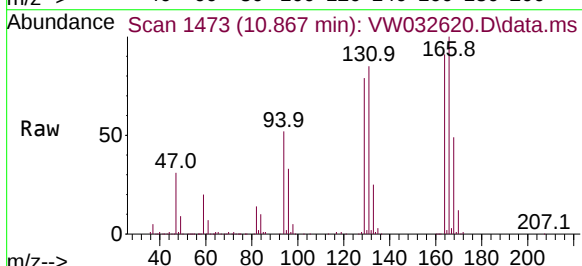
Ion Ratio Lower Upper

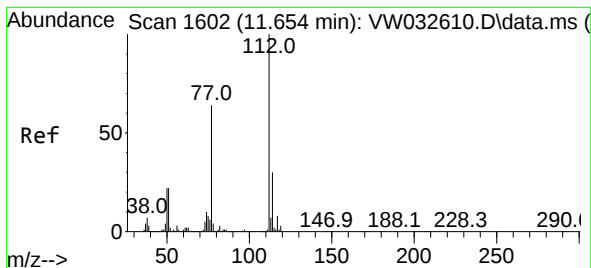
164 100

166 109.9 93.0 139.6

129 87.1 89.2 133.8#

131 92.8 82.7 124.1





#65

Chlorobenzene

Concen: 20.615 ug/l

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

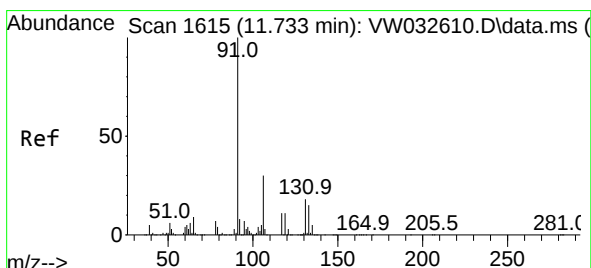
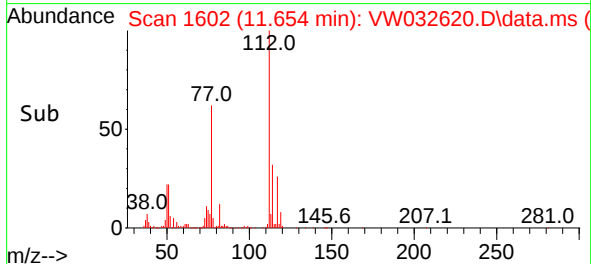
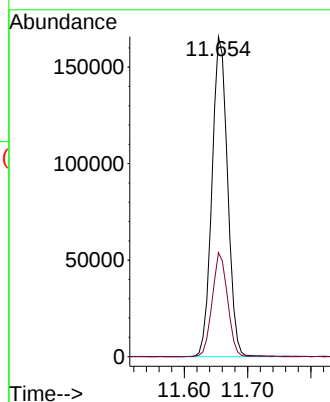
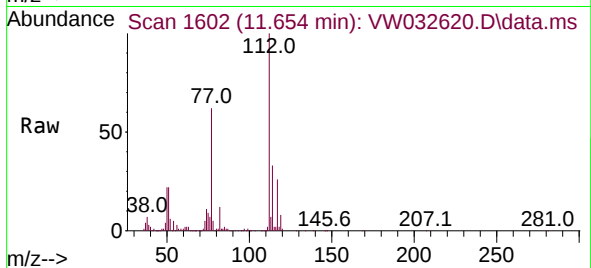
VW1211SBS01

Tgt Ion:112 Resp: 284232

Ion Ratio Lower Upper

112 100

114 32.5 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.083 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

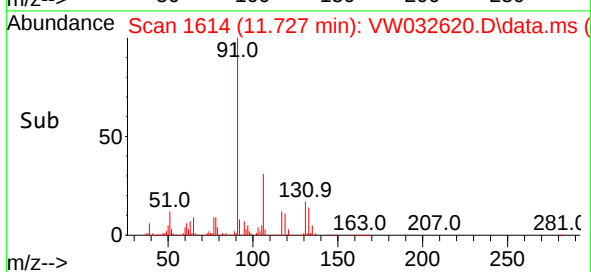
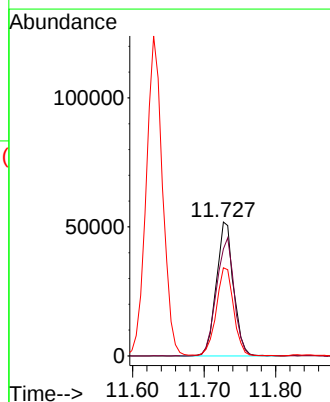
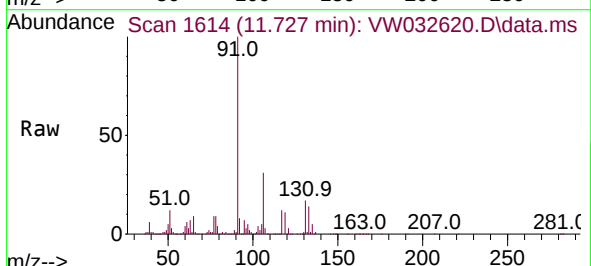
Tgt Ion:131 Resp: 86474

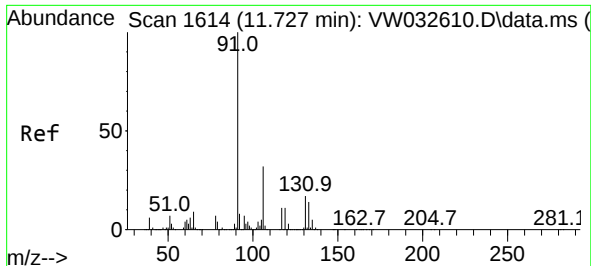
Ion Ratio Lower Upper

131 100

133 90.7 44.0 132.1

119 66.1 32.0 96.2

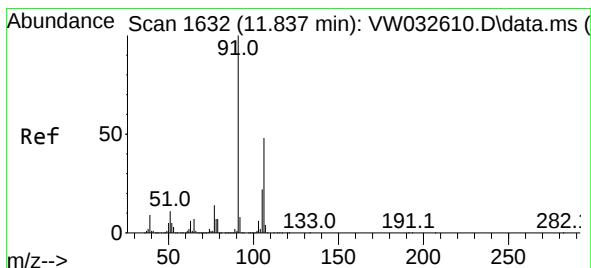
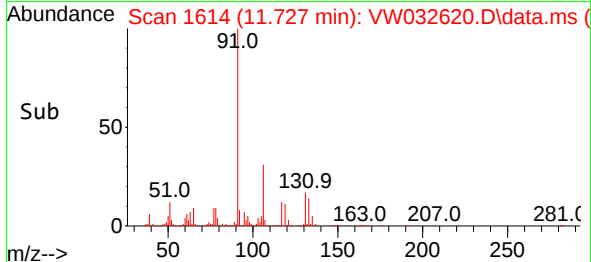
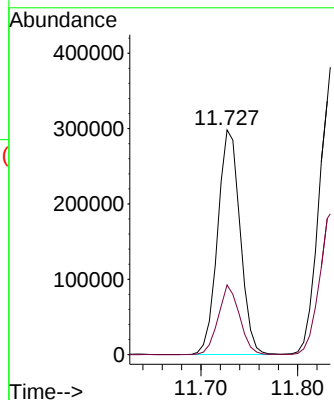
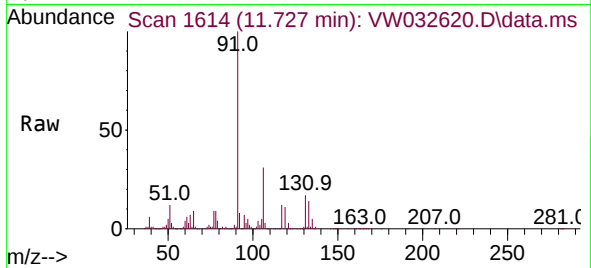




#67
Ethyl Benzene
Concen: 20.229 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

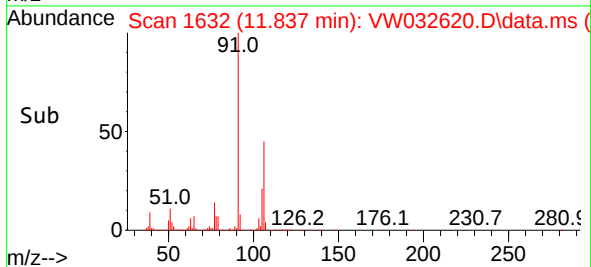
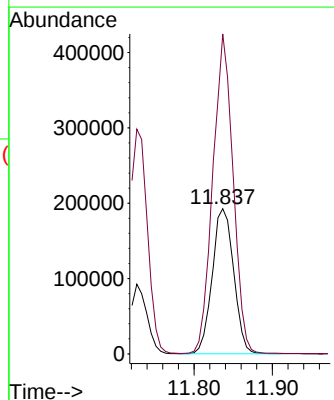
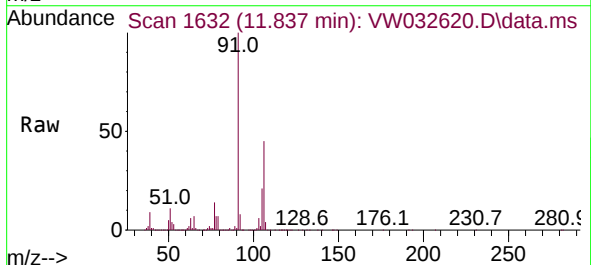
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

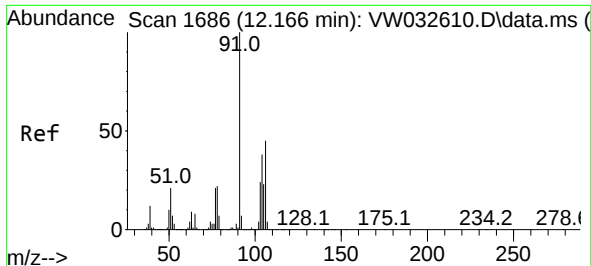
Tgt Ion: 91 Resp: 482022
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 40.044 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:106 Resp: 366197
Ion Ratio Lower Upper
106 100
91 209.2 165.6 248.4

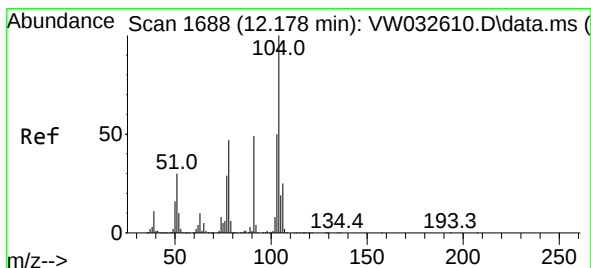
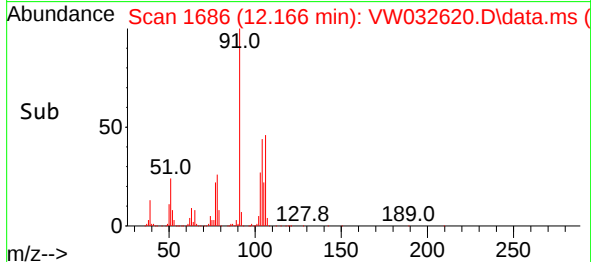
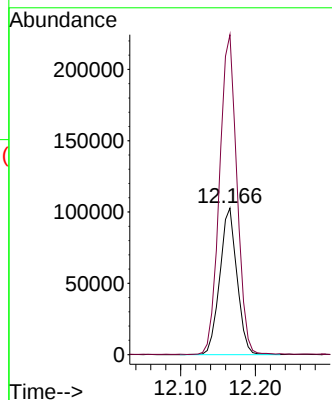
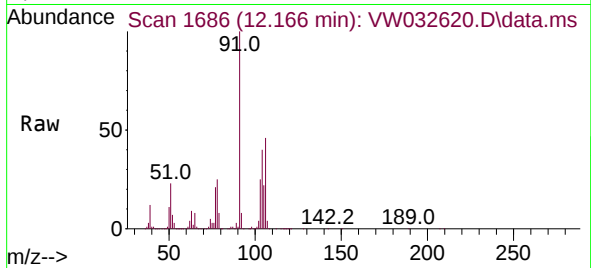




#69
o-Xylene
Concen: 19.467 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

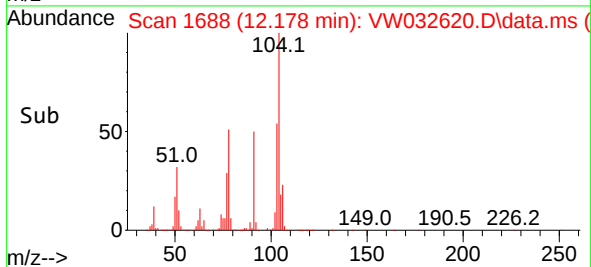
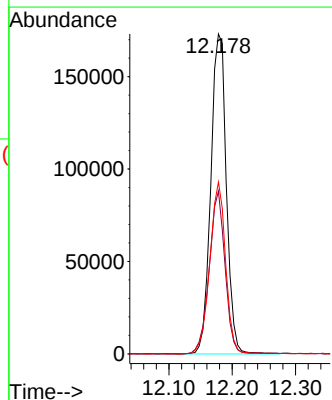
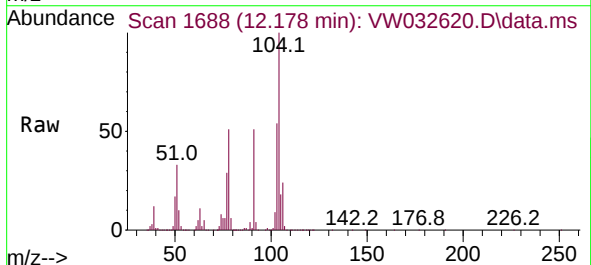
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

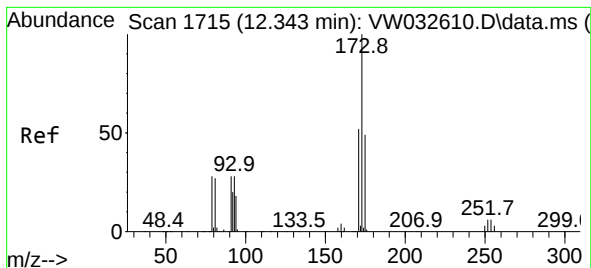
Tgt Ion:106 Resp: 164185
Ion Ratio Lower Upper
106 100
91 221.8 108.3 324.8



#70
Styrene
Concen: 20.168 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:104 Resp: 296541
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 54.4 43.8 65.6





#71

Bromoform

Concen: 18.751 ug/l

RT: 12.349 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

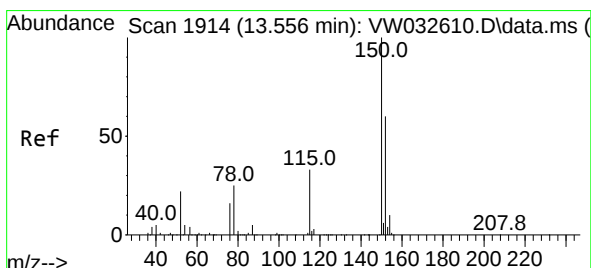
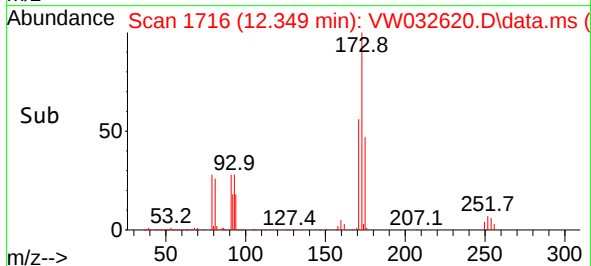
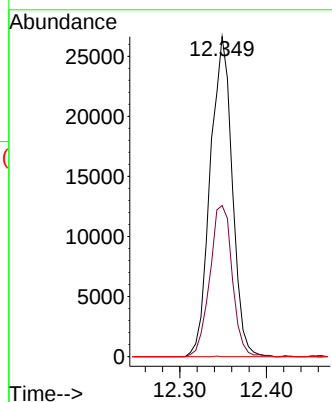
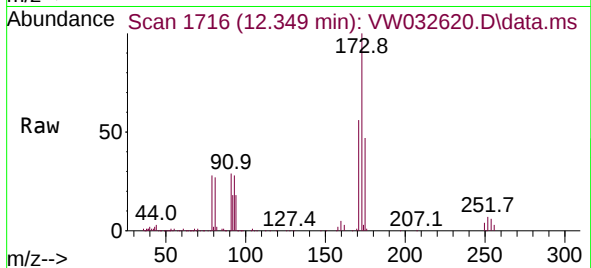
Tgt Ion:173 Resp: 46879

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.7

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

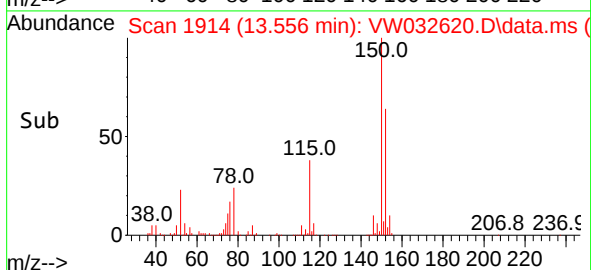
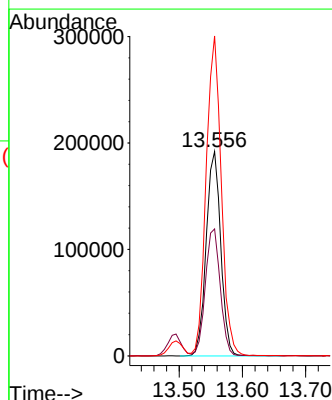
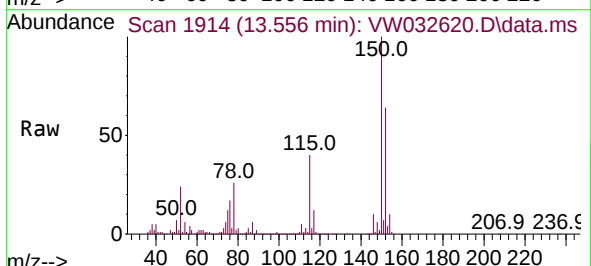
Tgt Ion:152 Resp: 305293

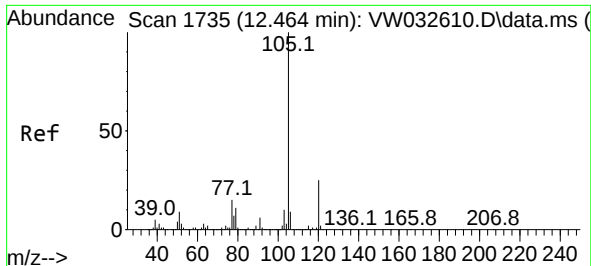
Ion Ratio Lower Upper

152 100

115 63.2 33.8 101.3

150 162.1 0.0 369.4

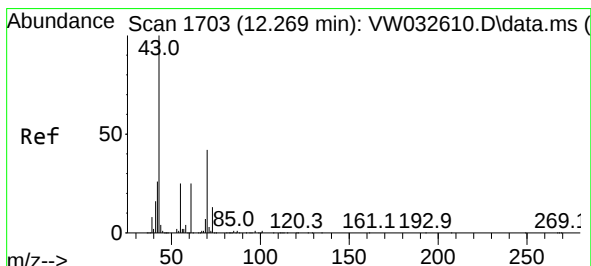
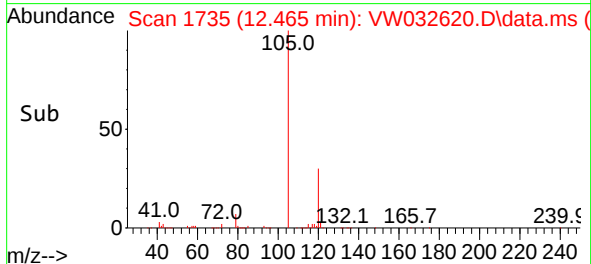
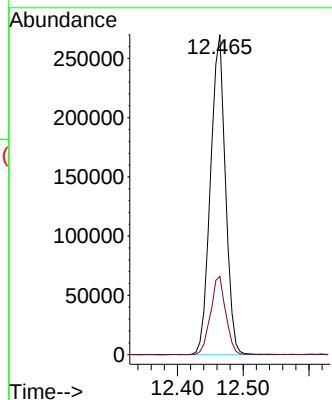
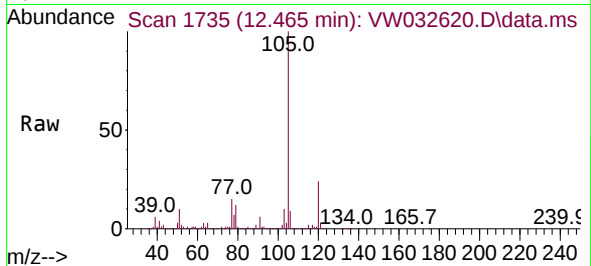




#73
Isopropylbenzene
Concen: 18.307 ug/l
RT: 12.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

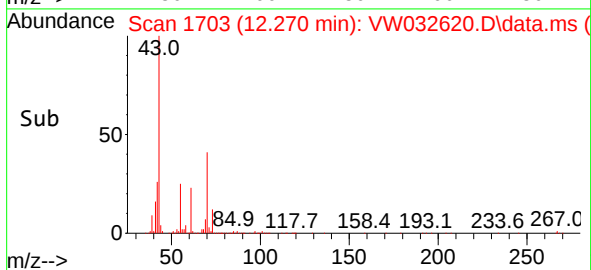
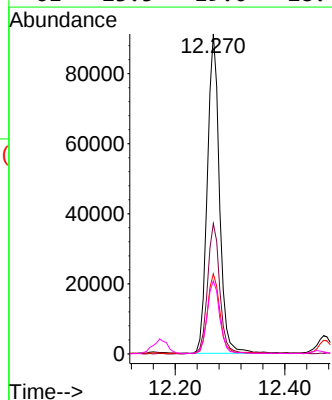
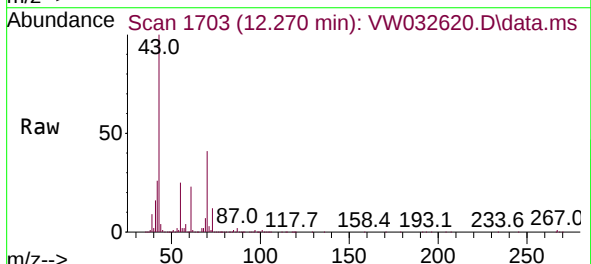
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

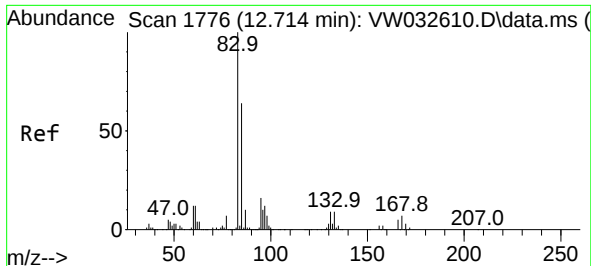
Tgt Ion:105 Resp: 425102
Ion Ratio Lower Upper
105 100
120 24.8 13.0 39.0



#74
N-ethyl acetate
Concen: 17.656 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 43 Resp: 140469
Ion Ratio Lower Upper
43 100
70 41.3 32.4 48.6
55 25.2 19.8 29.6
61 23.5 19.0 28.4

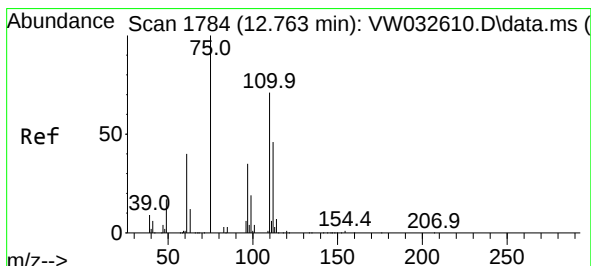
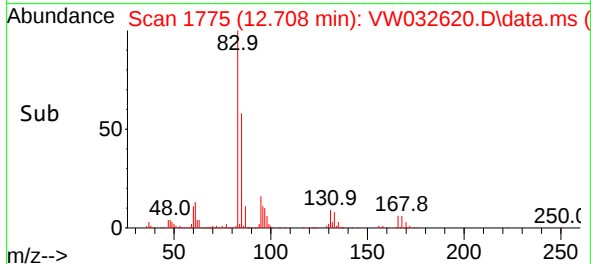
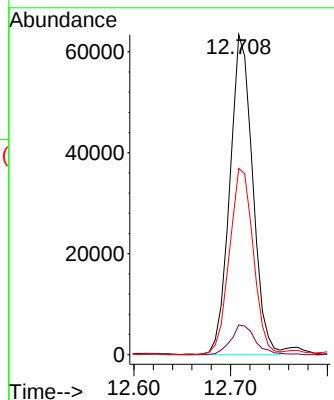
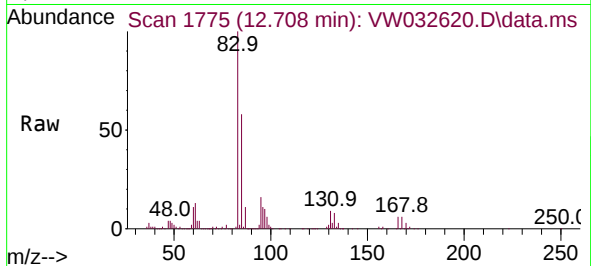




#75
1,1,2,2-Tetrachloroethane
Concen: 18.570 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

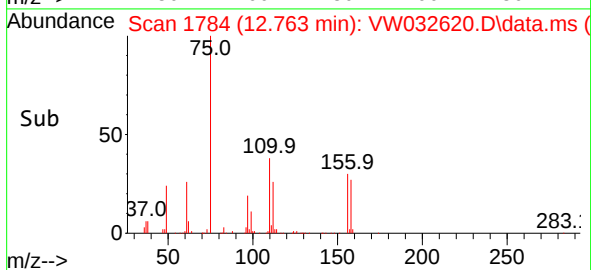
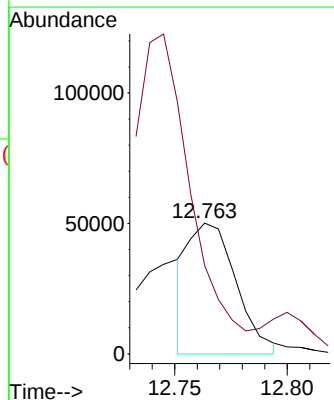
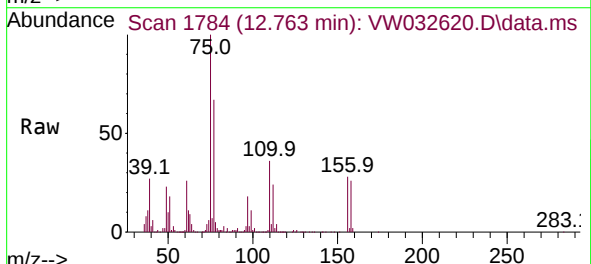
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

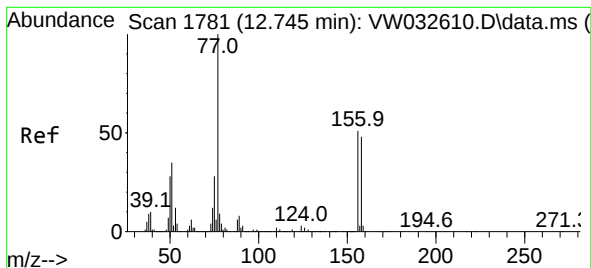
Tgt Ion: 83 Resp: 103811
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 60.9 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 18.041 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 75 Resp: 73907
Ion Ratio Lower Upper
75 100
77 311.0 154.0 462.0





#77

Bromobenzene

Concen: 19.105 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

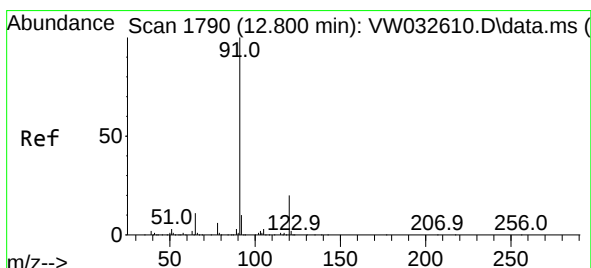
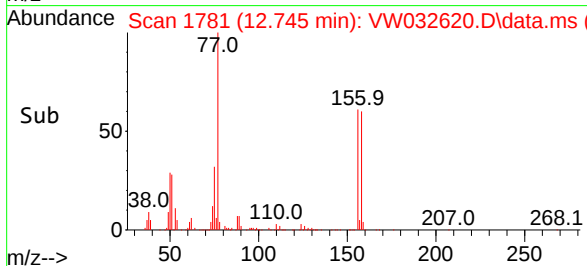
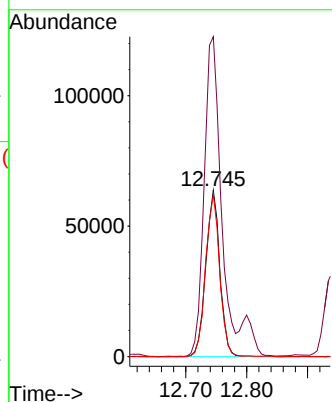
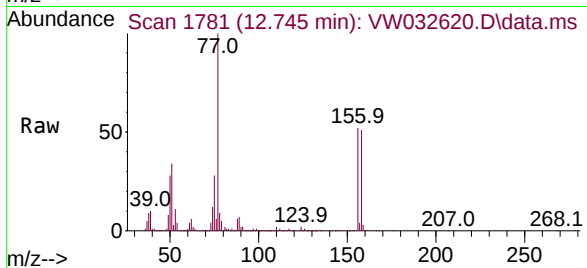
Tgt Ion:156 Resp: 101803

Ion Ratio Lower Upper

156 100

77 225.8 116.7 350.1

158 97.8 49.9 149.7



#78

n-propylbenzene

Concen: 18.780 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032620.D

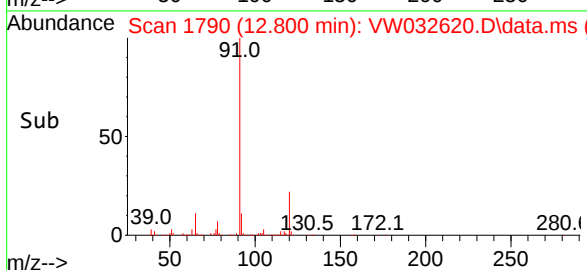
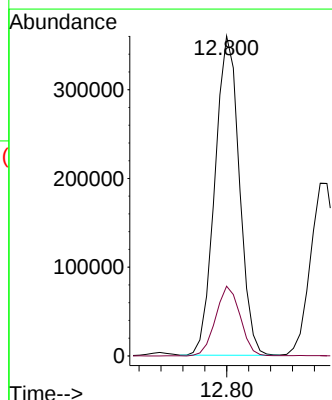
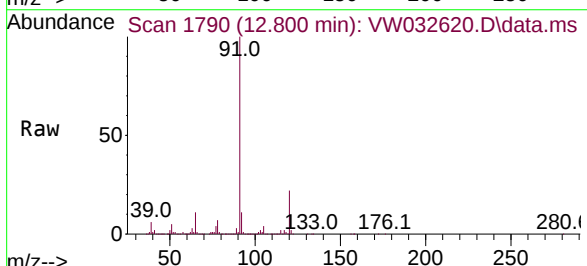
Acq: 11 Dec 2025 10:19

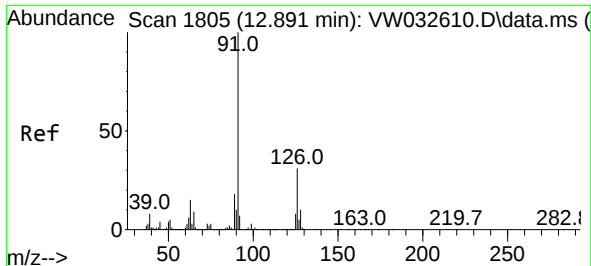
Tgt Ion: 91 Resp: 557025

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6

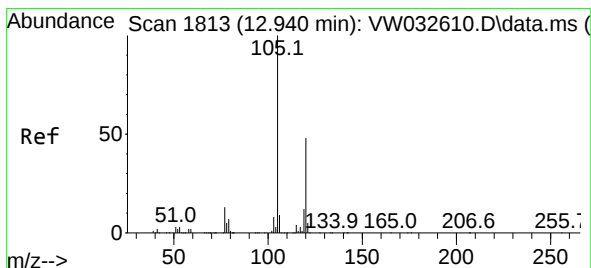
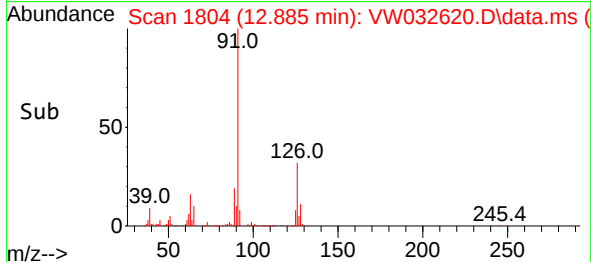
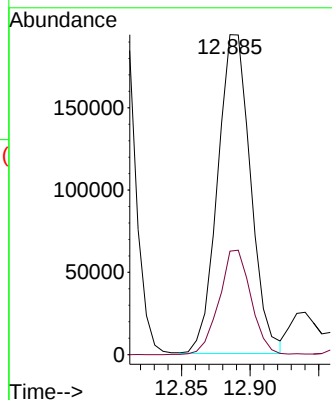
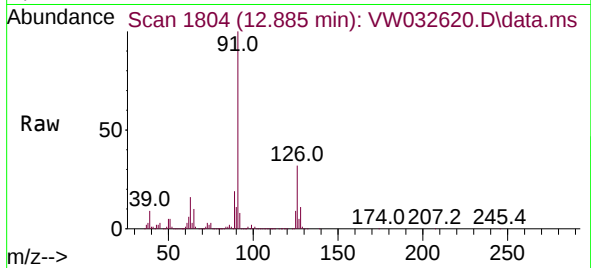




#79
2-Chlorotoluene
Concen: 18.680 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

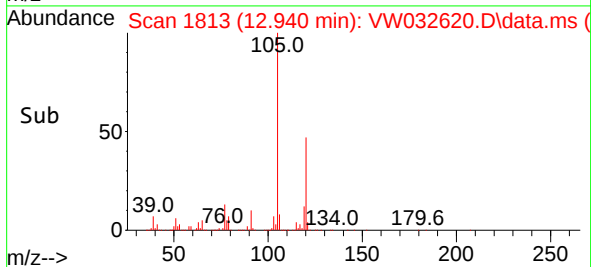
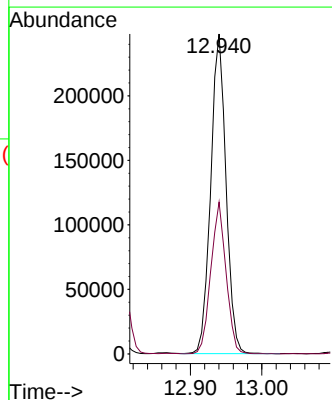
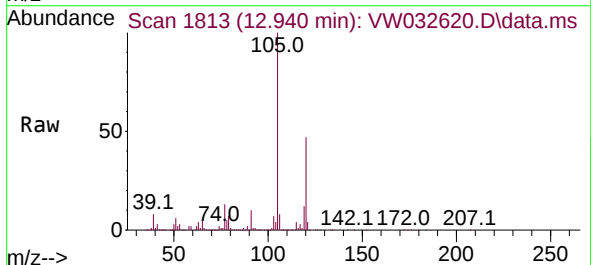
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

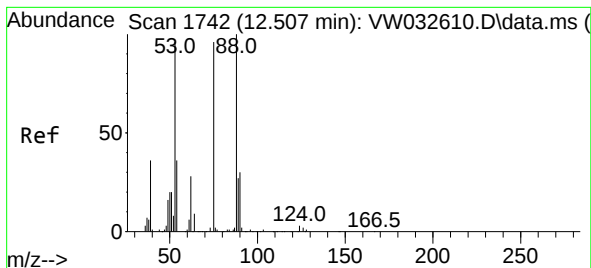
Tgt Ion: 91 Resp: 325240
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 18.871 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:105 Resp: 368060
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.8

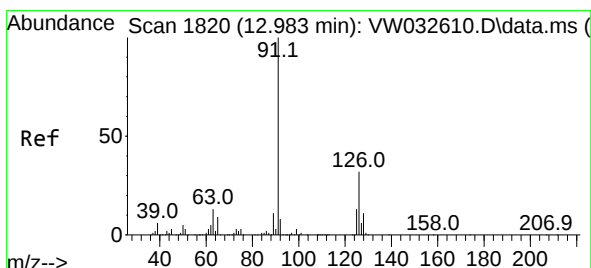
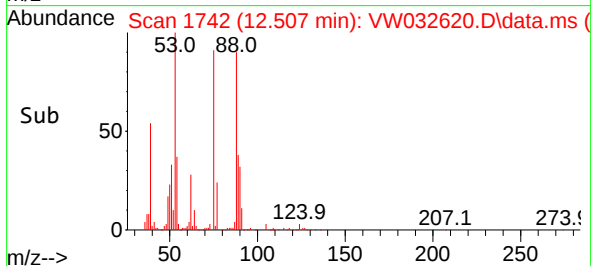
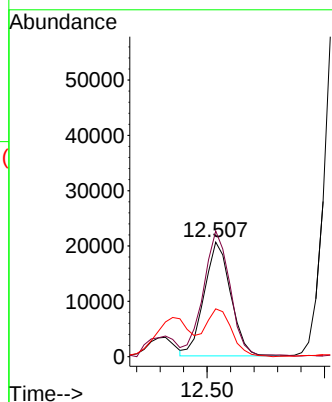
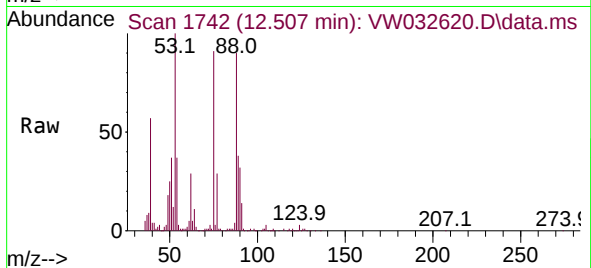




#81
trans-1,4-Dichloro-2-butene
Concen: 22.196 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

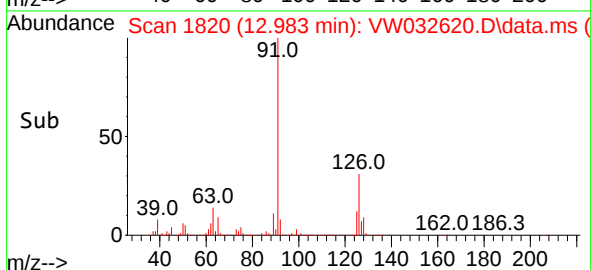
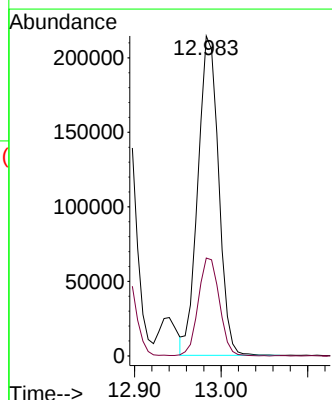
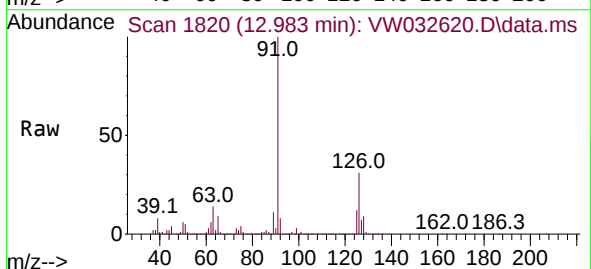
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

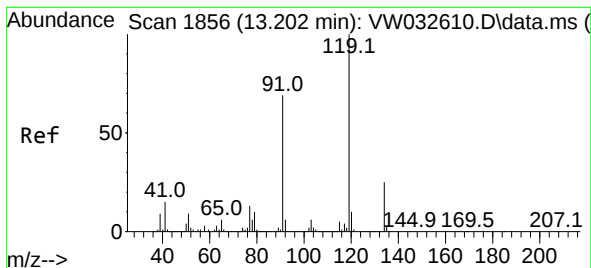
Tgt Ion: 75 Resp: 32223
Ion Ratio Lower Upper
75 100
53 109.2 86.1 129.1
89 42.5 37.4 56.2



#82
4-Chlorotoluene
Concen: 19.220 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion: 91 Resp: 355394
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 18.477 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

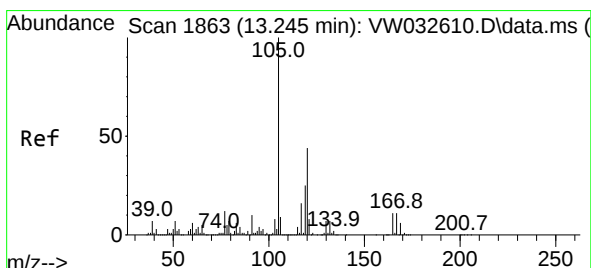
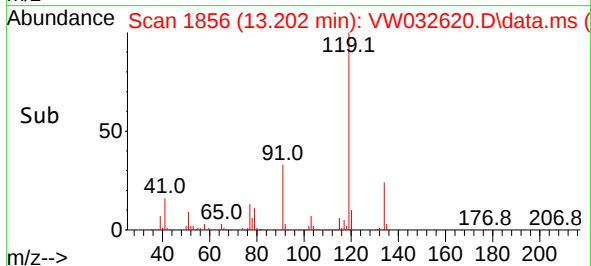
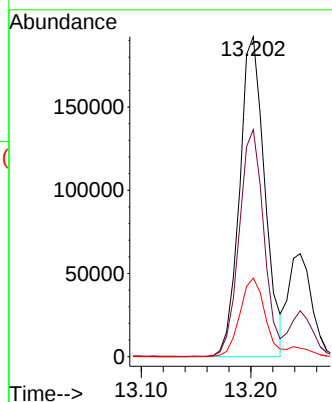
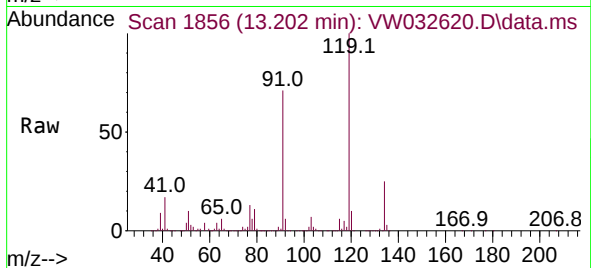
Tgt Ion:119 Resp: 306995

Ion Ratio Lower Upper

119 100

91 69.2 34.3 102.8

134 24.8 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 18.697 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032620.D

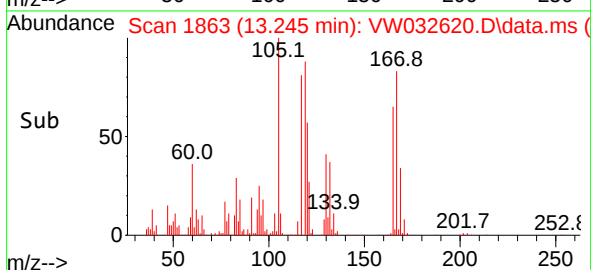
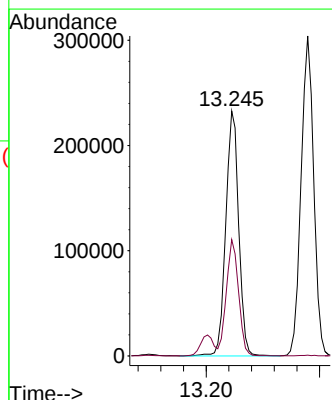
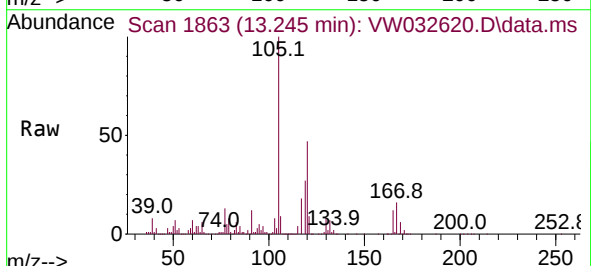
Acq: 11 Dec 2025 10:19

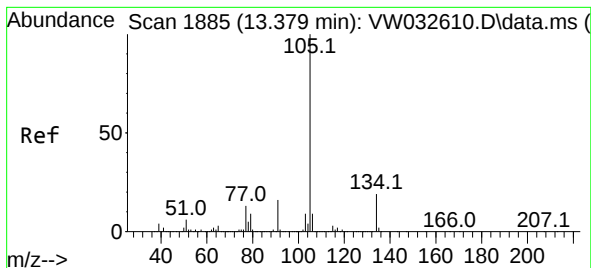
Tgt Ion:105 Resp: 367779

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.0

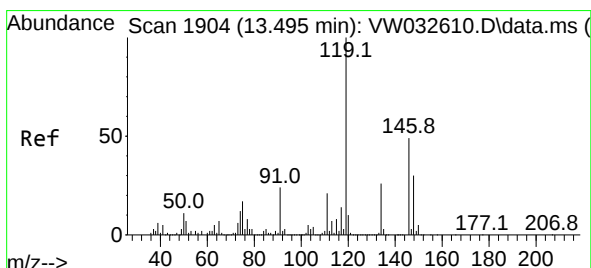
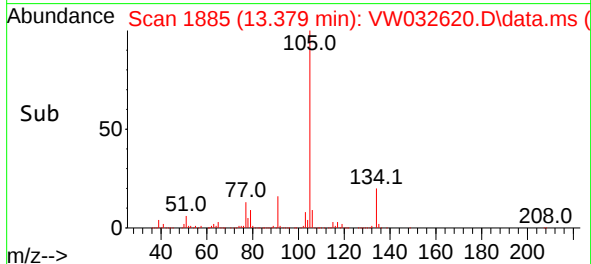
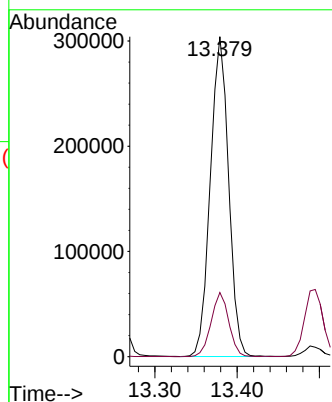
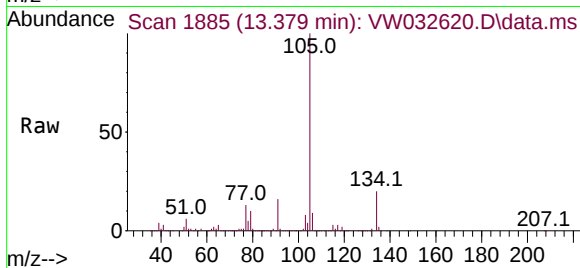




#85
 sec-Butylbenzene
 Concen: 18.454 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

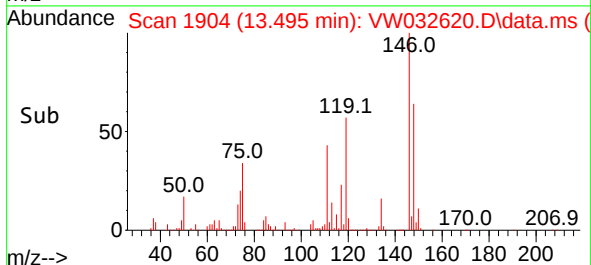
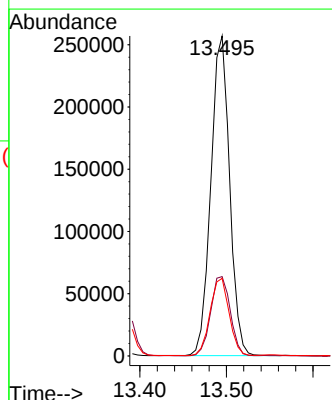
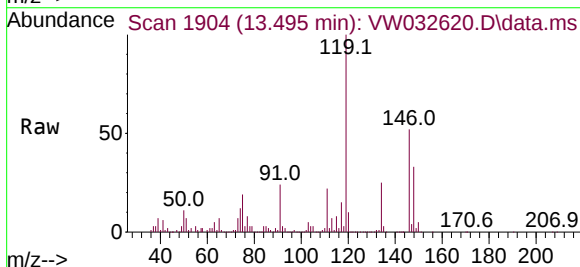
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

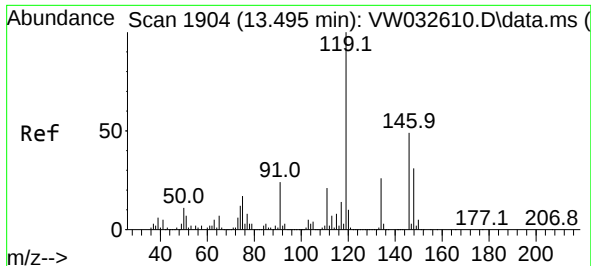
Tgt Ion:105 Resp: 469452
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.640 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032620.D
 Acq: 11 Dec 2025 10:19

Tgt Ion:119 Resp: 385672
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.752 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

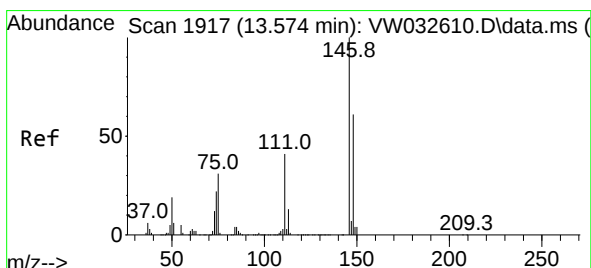
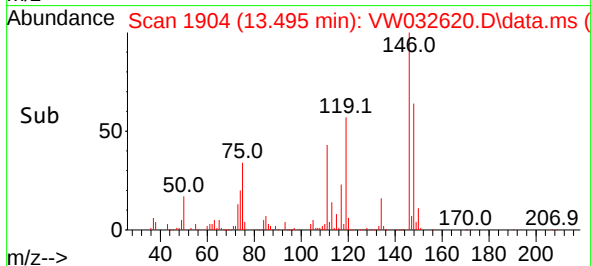
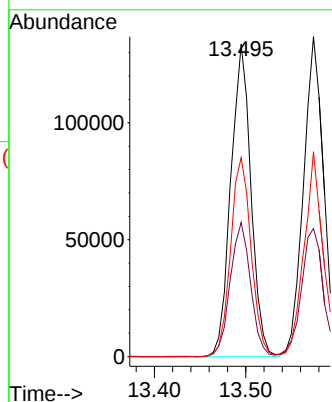
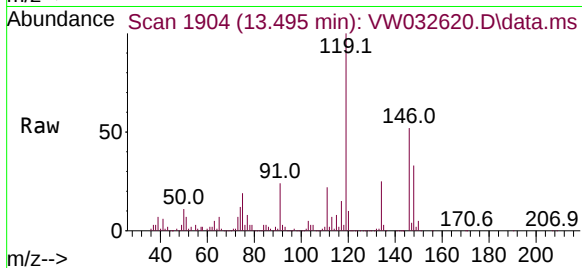
Tgt Ion:146 Resp: 204518

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

148 64.8 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 19.205 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

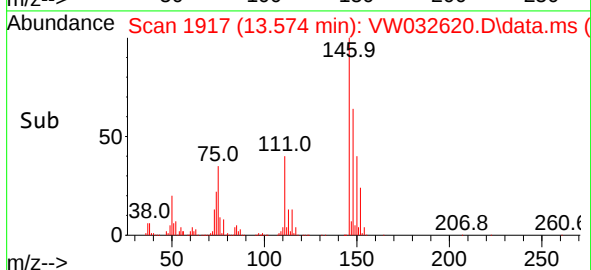
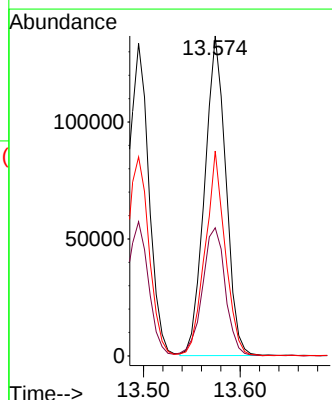
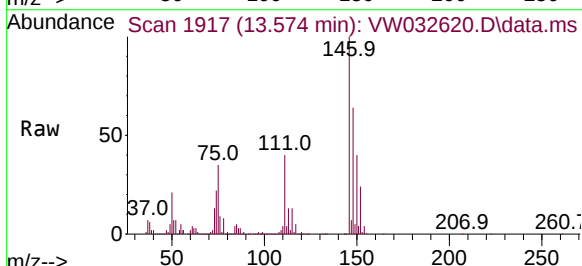
Tgt Ion:146 Resp: 208571

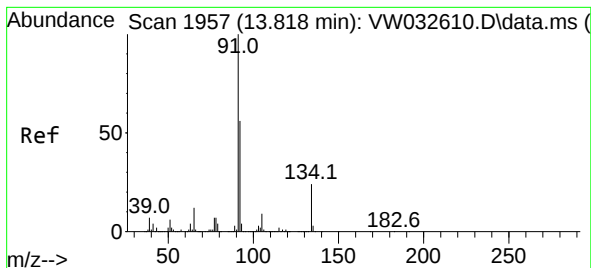
Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

148 60.3 30.4 91.2





#89

n-Butylbenzene

Concen: 18.507 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

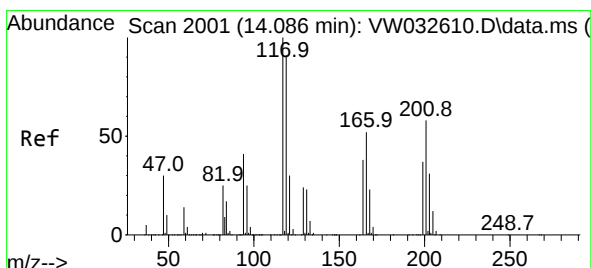
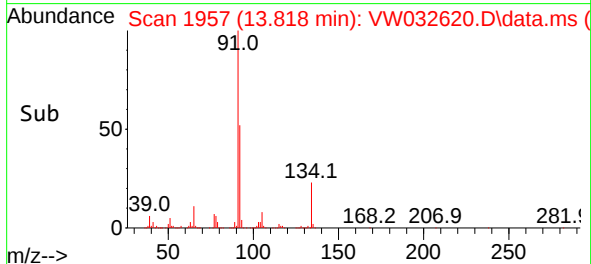
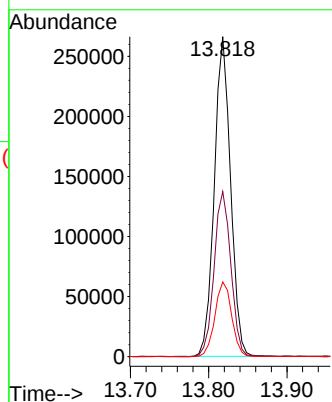
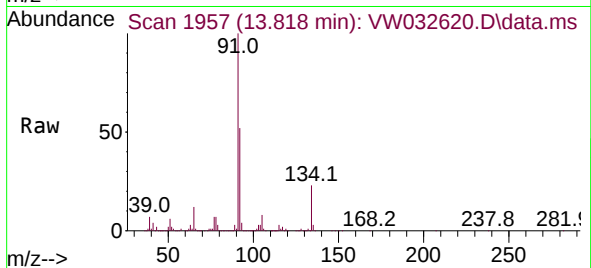
Tgt Ion: 91 Resp: 384724

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

134 24.1 11.8 35.4



#90

Hexachloroethane

Concen: 18.315 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032620.D

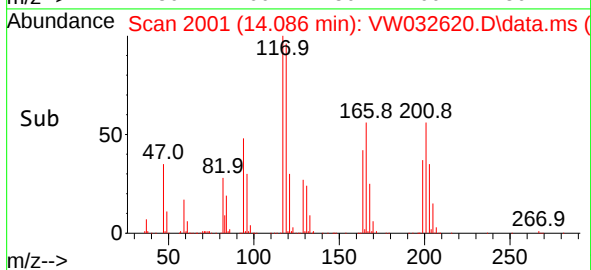
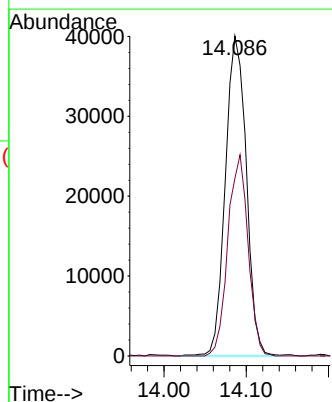
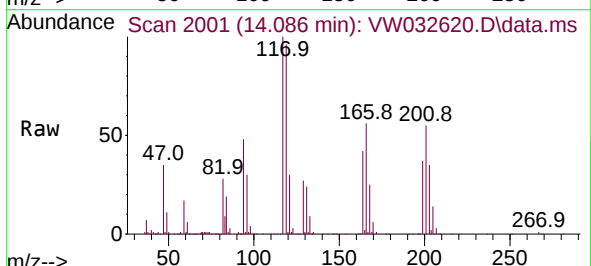
Acq: 11 Dec 2025 10:19

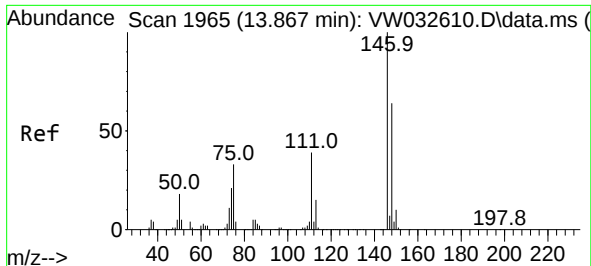
Tgt Ion: 117 Resp: 70779

Ion Ratio Lower Upper

117 100

201 60.7 30.4 91.2

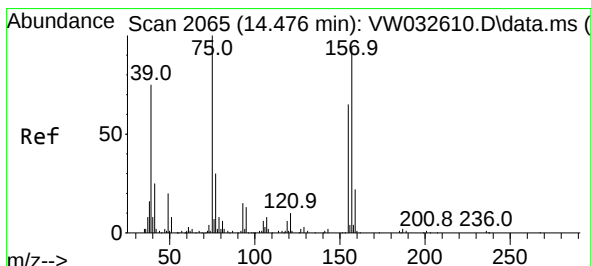
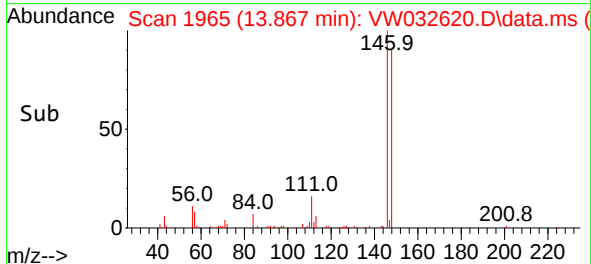
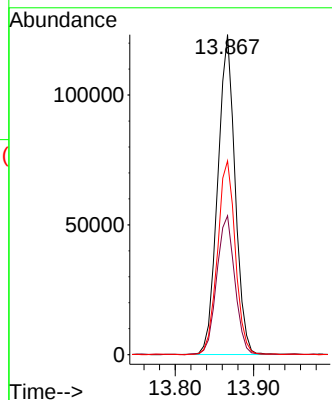
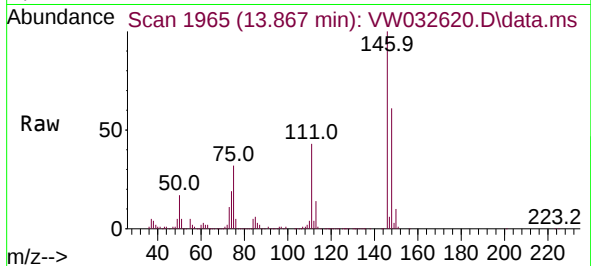




#91
1,2-Dichlorobenzene
Concen: 19.238 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

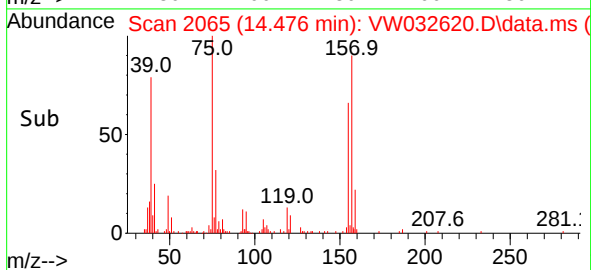
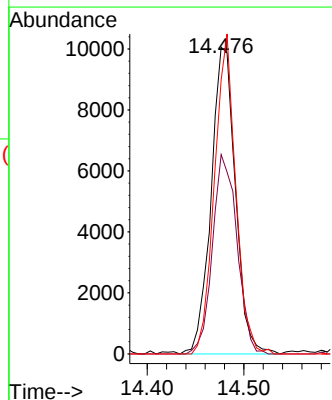
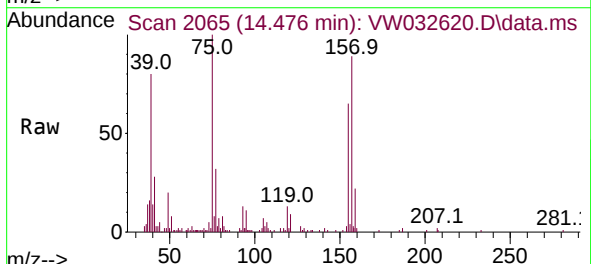
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

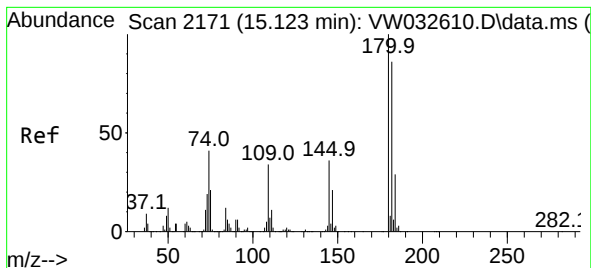
Tgt Ion:	146	Resp:	189387
Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.5	64.5
148	62.3	32.4	97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.719 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:	75	Resp:	17593
Ion	Ratio	Lower	Upper
75	100		
155	65.3	35.3	105.9
157	90.8	44.8	134.4

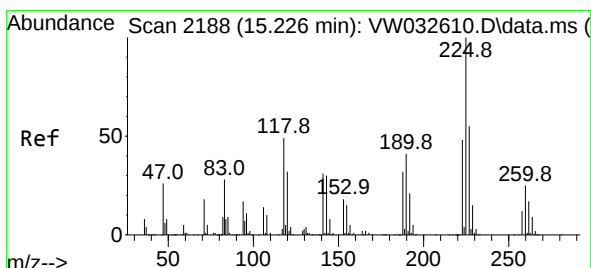
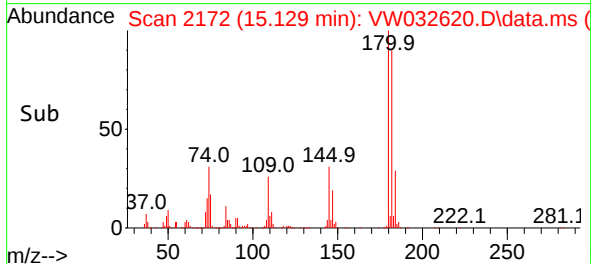
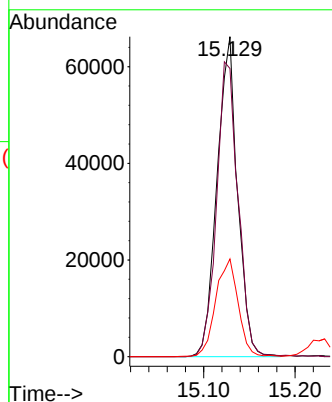
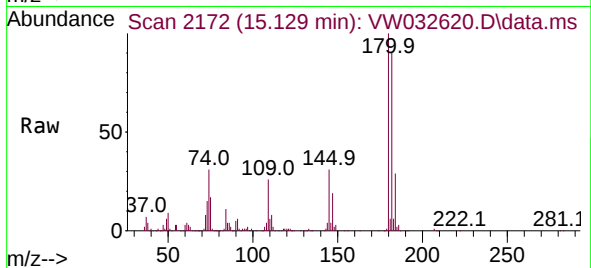




#93
1,2,4-Trichlorobenzene
Concen: 17.679 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

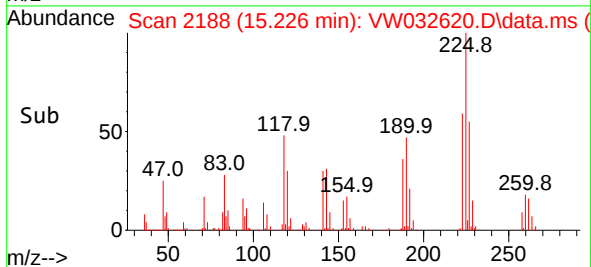
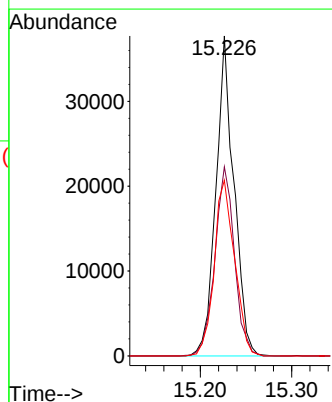
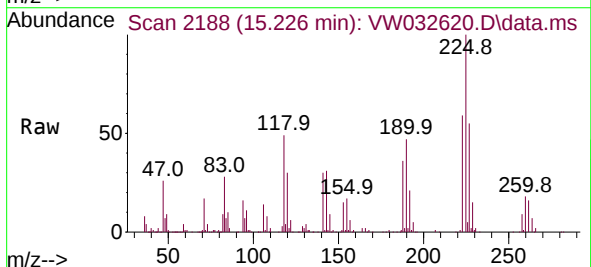
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

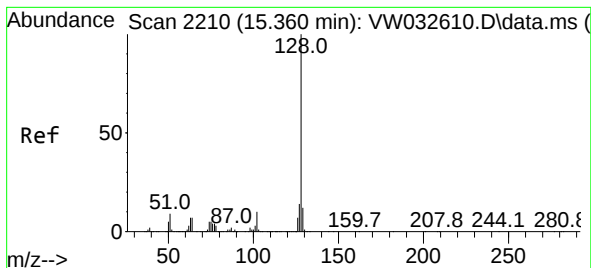
Tgt Ion:180 Resp: 103370
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 33.4 17.1 51.3



#94
Hexachlorobutadiene
Concen: 18.752 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032620.D
Acq: 11 Dec 2025 10:19

Tgt Ion:225 Resp: 51830
Ion Ratio Lower Upper
225 100
223 64.0 30.3 90.8
227 62.0 29.1 87.4





#95

Naphthalene

Concen: 22.533 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

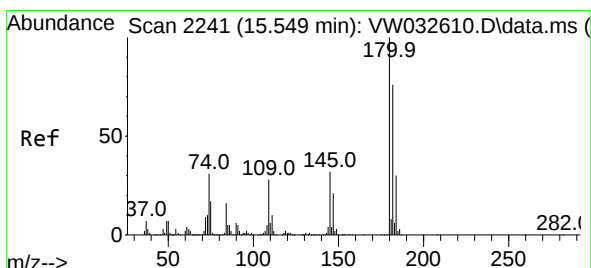
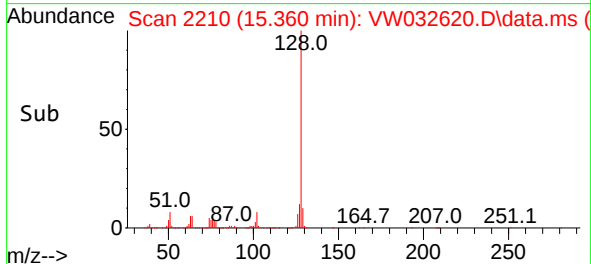
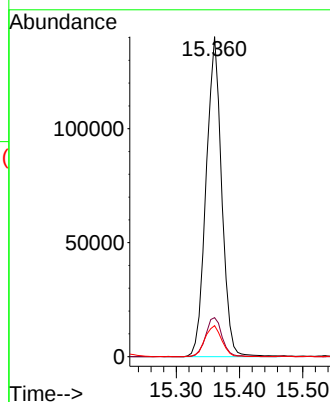
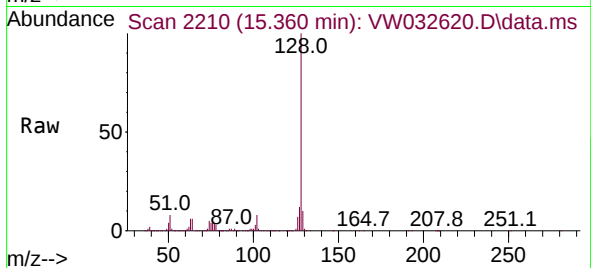
Tgt Ion:128 Resp: 238811

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.5 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 17.819 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032620.D

Acq: 11 Dec 2025 10:19

Tgt Ion:180 Resp: 98485

Ion Ratio Lower Upper

180 100

182 93.8 45.9 137.6

145 35.5 17.0 51.0

