

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032466.D
 Acq On : 17 Nov 2025 18:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 03:08:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	373867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	728026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	657820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	301057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	253882	52.672	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.340%	
35) Dibromofluoromethane	7.904	113	213719	49.031	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.060%	
50) Toluene-d8	10.331	98	829291	49.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.617	95	319993	50.656	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	87618	46.191	ug/l	96
3) Chloromethane	2.253	50	159512	49.061	ug/l	98
4) Vinyl Chloride	2.405	62	205711	50.133	ug/l	97
5) Bromomethane	2.826	94	140464	51.174	ug/l	98
6) Chloroethane	2.972	64	138193	51.476	ug/l	98
7) Trichlorofluoromethane	3.308	101	160173	49.787	ug/l	99
8) Diethyl Ether	3.722	74	137997	52.465	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	178225	50.856	ug/l	99
10) Methyl Iodide	4.308	142	295526	52.357	ug/l	99
11) Tert butyl alcohol	5.216	59	96887	232.461	ug/l	99
12) 1,1-Dichloroethene	4.082	96	203444	50.627	ug/l	89
13) Acrolein	3.930	56	111181	158.991	ug/l	97
14) Allyl chloride	4.704	41	407437	52.723	ug/l	98
15) Acrylonitrile	5.399	53	390287	256.633	ug/l	99
16) Acetone	4.161	43	305561	211.895	ug/l	100
17) Carbon Disulfide	4.423	76	595422	50.131	ug/l	99
18) Methyl Acetate	4.710	43	223870	62.692	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	453095	53.489	ug/l	98
20) Methylene Chloride	4.954	84	277065	53.725	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	243365	52.964	ug/l	99
22) Diisopropyl ether	6.344	45	868672	55.209	ug/l	94
23) Vinyl Acetate	6.283	43	2703967	250.832	ug/l	99
24) 1,1-Dichloroethane	6.246	63	477421	55.382	ug/l	100
25) 2-Butanone	7.191	43	505776	238.070	ug/l	100
26) 2,2-Dichloropropane	7.185	77	237507	49.436	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	292527	53.280	ug/l	96
28) Bromochloromethane	7.533	49	214468	52.639	ug/l	96
29) Tetrahydrofuran	7.551	42	345818	256.461	ug/l	99
30) Chloroform	7.691	83	466124	55.235	ug/l	95
31) Cyclohexane	7.972	56	398011	49.913	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	320561	53.173	ug/l	99
36) 1,1-Dichloropropene	8.100	75	326915	50.903	ug/l	99
37) Ethyl Acetate	7.277	43	225318	47.181	ug/l	99
38) Carbon Tetrachloride	8.081	117	283702	49.715	ug/l	90
39) Methylcyclohexane	9.343	83	415204	49.905	ug/l	97
40) Benzene	8.337	78	1058358	51.172	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	141514	53.943	ug/l	93
42) 1,2-Dichloroethane	8.410	62	313592	51.620	ug/l	99
43) Isopropyl Acetate	8.435	43	410141	48.502	ug/l	99
44) Trichloroethene	9.099	130	242134	50.312	ug/l	88
45) 1,2-Dichloropropane	9.374	63	267628	51.967	ug/l	98
46) Dibromomethane	9.465	93	155592	51.702	ug/l	98
47) Bromodichloromethane	9.648	83	352623	51.367	ug/l	98
48) Methyl methacrylate	9.441	41	193720	48.209	ug/l	94
49) 1,4-Dioxane	9.459	88	41463	983.502	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1160046	248.150	ug/l	100
52) Toluene	10.386	92	655035	51.274	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	356144	50.374	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	415469	50.816	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	211018	51.113	ug/l	95
56) Ethyl methacrylate	10.648	69	320247	50.556	ug/l	100
57) 1,3-Dichloropropane	10.934	76	376786	51.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	822068	243.691	ug/l	99
59) 2-Hexanone	10.965	43	794053	232.164	ug/l	100
60) Dibromochloromethane	11.130	129	228954	49.661	ug/l	98
61) 1,2-Dibromoethane	11.239	107	202898	50.460	ug/l	99
64) Tetrachloroethene	10.867	164	205433	52.736	ug/l	91
65) Chlorobenzene	11.654	112	718893	50.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	222400	50.684	ug/l	99
67) Ethyl Benzene	11.727	91	1224331	49.906	ug/l	100
68) m/p-Xylenes	11.837	106	930041	100.970	ug/l	100
69) o-Xylene	12.166	106	462874	52.483	ug/l	99
70) Styrene	12.178	104	781731	51.526	ug/l	99
71) Bromoform	12.349	173	120780	46.472	ug/l #	98
73) Isopropylbenzene	12.459	105	1121127	50.705	ug/l	99
74) N-amyl acetate	12.270	43	374015	48.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	252611	48.140	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	323086	78.267	ug/l	39
77) Bromobenzene	12.745	156	260586	49.777	ug/l	93
78) n-propylbenzene	12.800	91	1394666	51.795	ug/l	99
79) 2-Chlorotoluene	12.891	91	849961	51.709	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	933604	51.181	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	84312	46.781	ug/l	99
82) 4-Chlorotoluene	12.983	91	880775	51.518	ug/l	99
83) tert-Butylbenzene	13.202	119	807014	50.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	945345	50.953	ug/l	98
85) sec-Butylbenzene	13.379	105	1202742	50.894	ug/l	99
86) p-Isopropyltoluene	13.495	119	1001441	51.323	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	510094	51.392	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	507173	49.876	ug/l	99
89) n-Butylbenzene	13.818	91	986602	51.755	ug/l	99
90) Hexachloroethane	14.092	117	169991	48.319	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	470709	51.661	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	42744	47.285	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	293864	50.682	ug/l	94
94) Hexachlorobutadiene	15.232	225	127022	52.738	ug/l	98
95) Naphthalene	15.360	128	726051	50.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	270020	51.295	ug/l	95

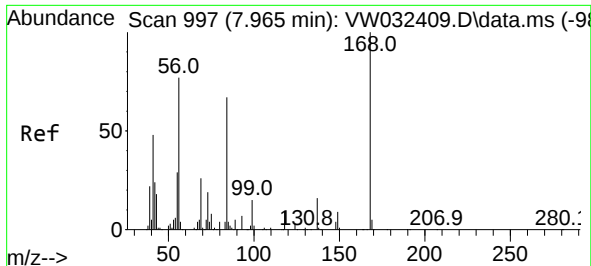
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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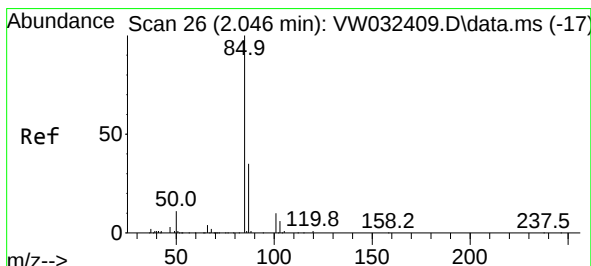
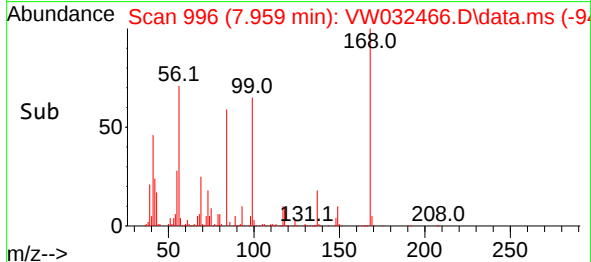
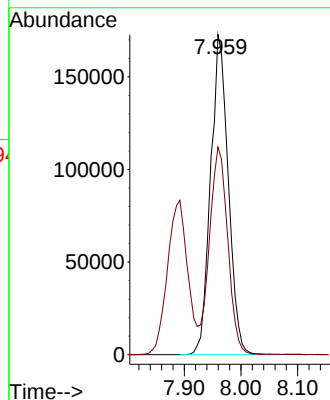
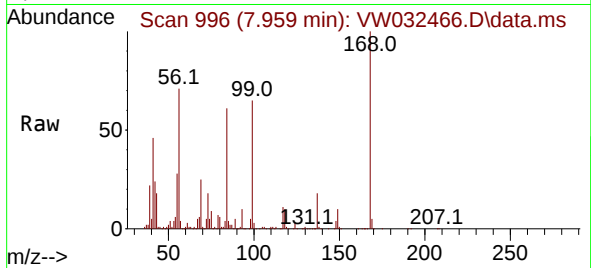
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032466.D
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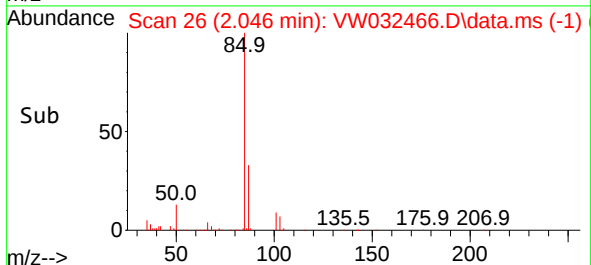
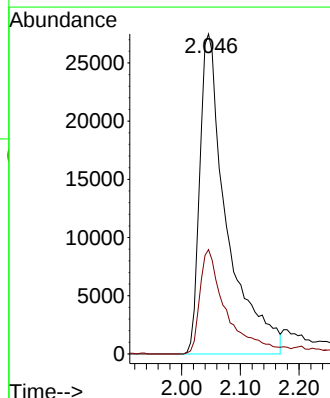
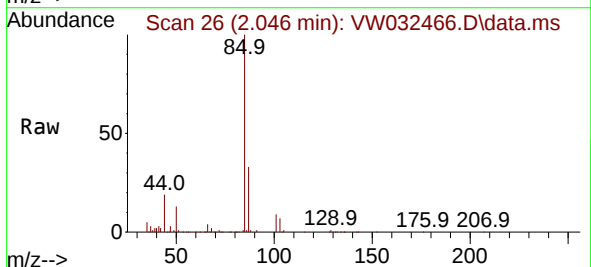
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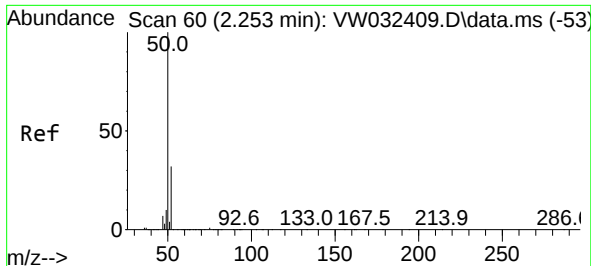
Tgt Ion:168 Resp: 373867
Ion Ratio Lower Upper
168 100
99 64.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 46.191 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 85 Resp: 87618
Ion Ratio Lower Upper
85 100
87 32.6 17.4 52.2

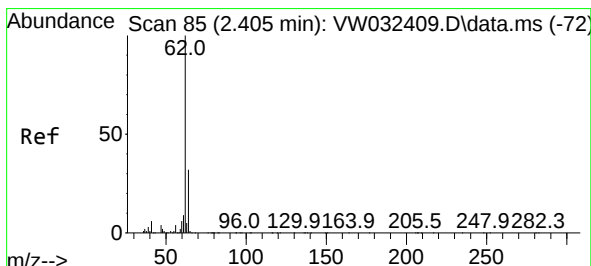
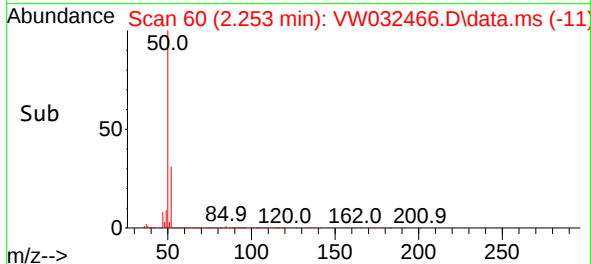
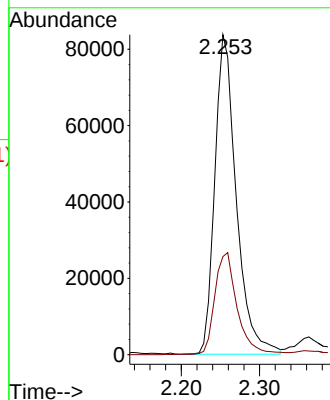
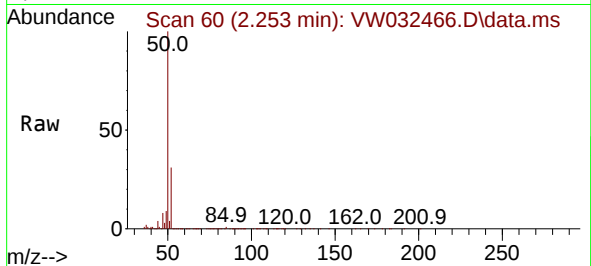




#3
Chloromethane
Concen: 49.061 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

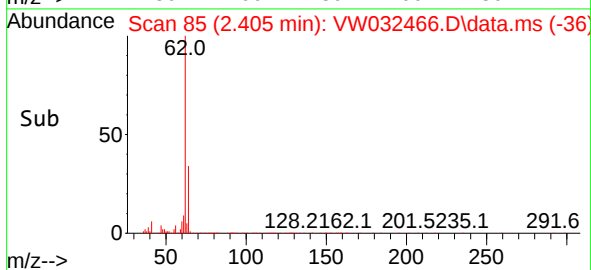
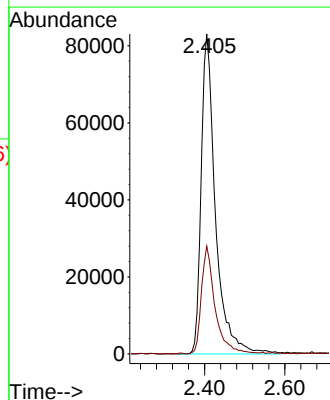
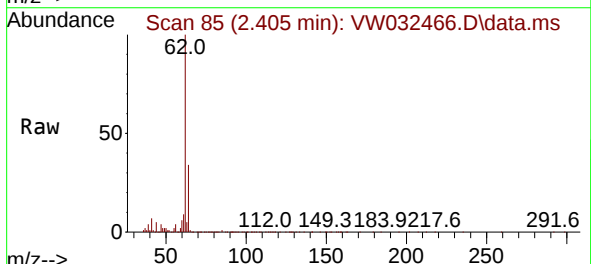
Instrument :
MSVOA_W
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Tgt Ion: 50 Resp: 159512
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3



#4
Vinyl Chloride
Concen: 50.133 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 62 Resp: 205711
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8

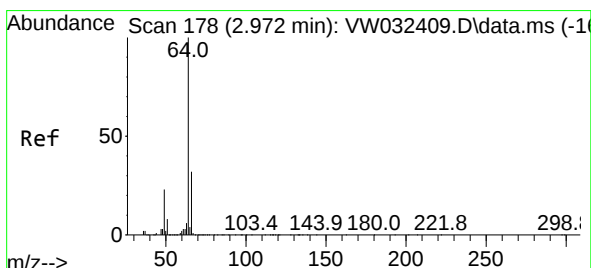
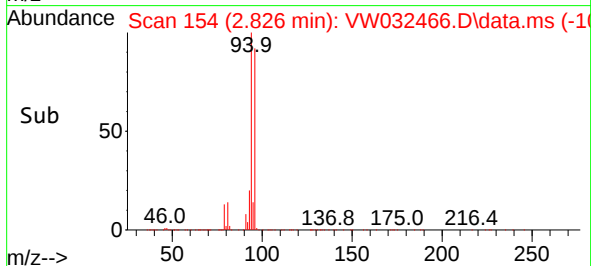
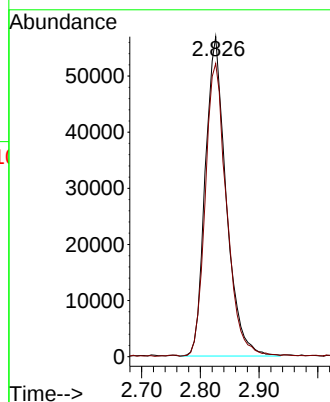
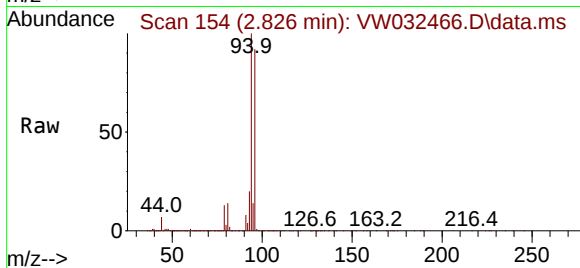




#5
Bromomethane
Concen: 51.174 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

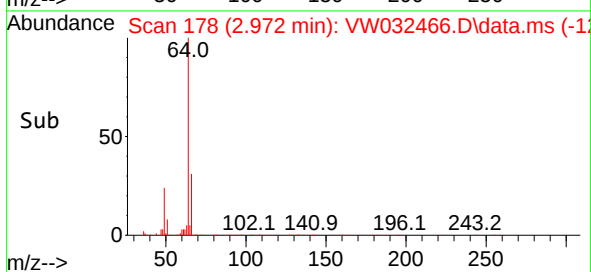
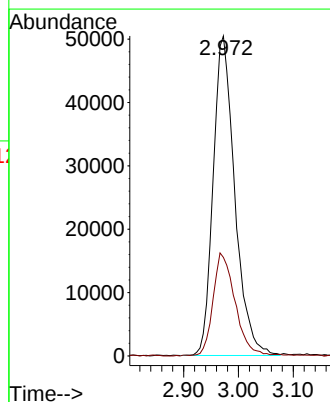
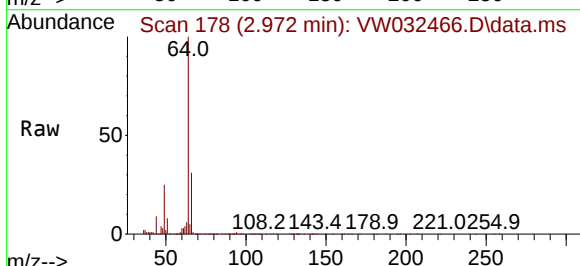
Instrument :
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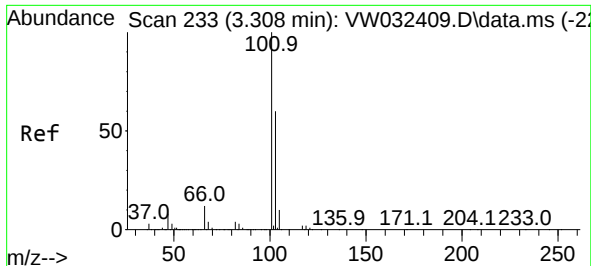
Tgt Ion: 94 Resp: 140464
Ion Ratio Lower Upper
94 100
96 91.6 71.4 107.2



#6
Chloroethane
Concen: 51.476 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 64 Resp: 138193
Ion Ratio Lower Upper
64 100
66 30.9 25.6 38.4

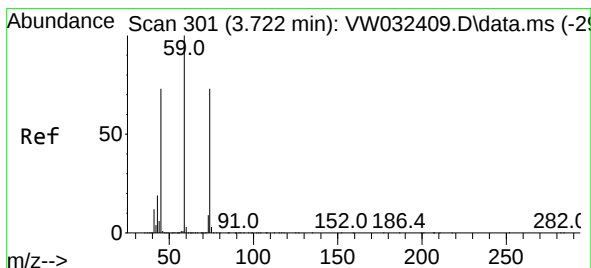
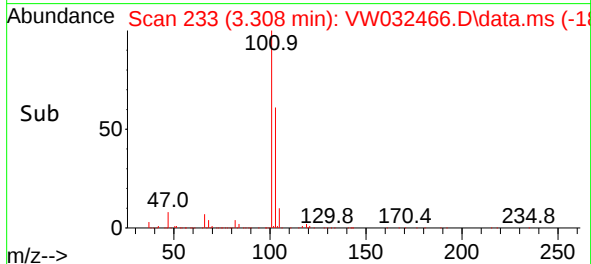
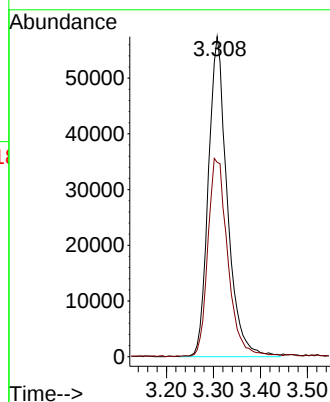
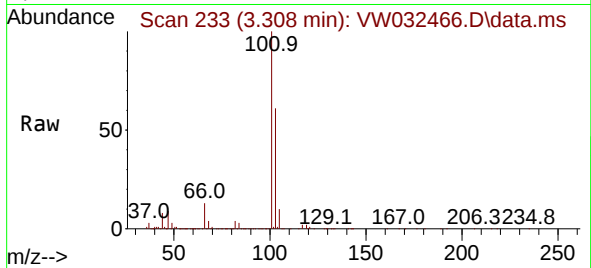




#7
 Trichlorofluoromethane
 Concen: 49.787 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032466.D
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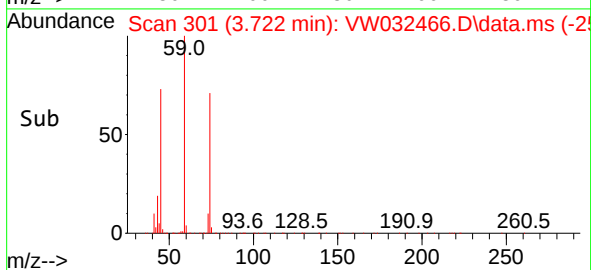
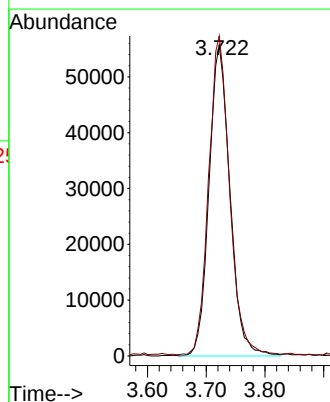
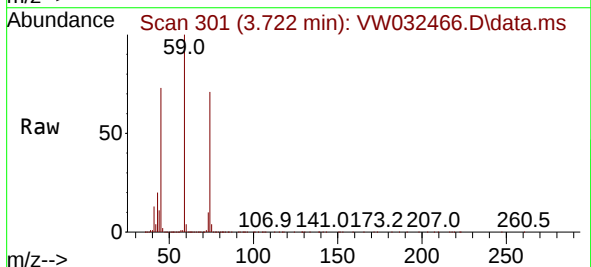
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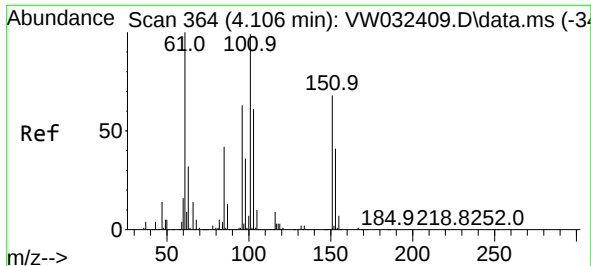
Tgt Ion:101 Resp: 160173
 Ion Ratio Lower Upper
 101 100
 103 60.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.465 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion: 74 Resp: 137997
 Ion Ratio Lower Upper
 74 100
 45 102.2 51.8 155.4

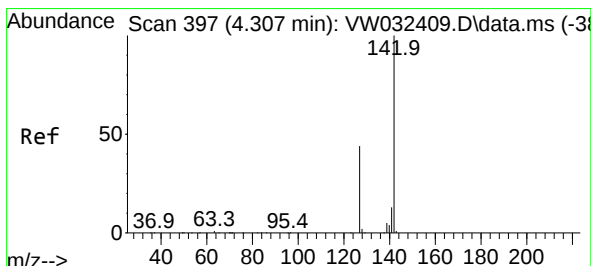
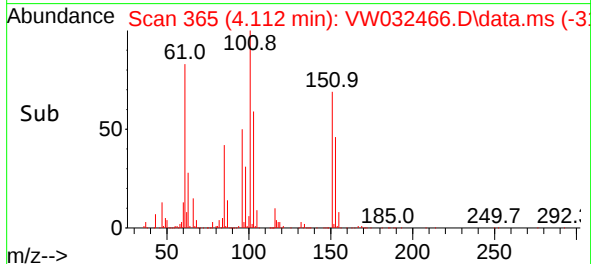
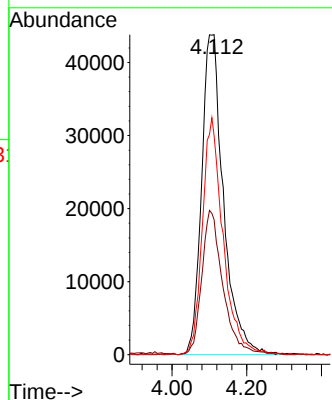
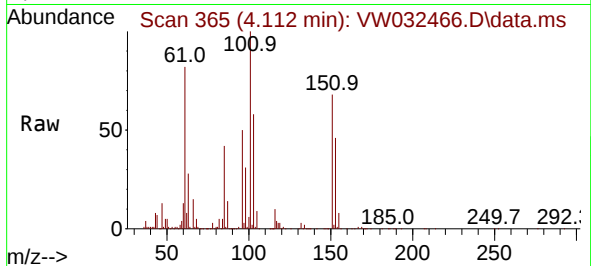




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.856 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW032466.D
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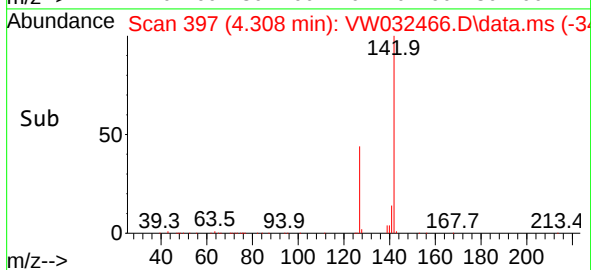
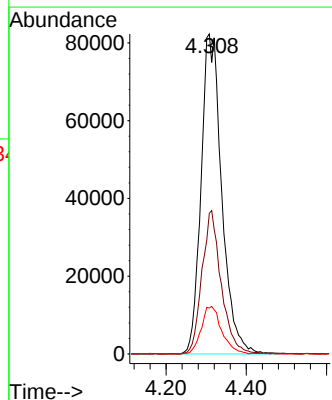
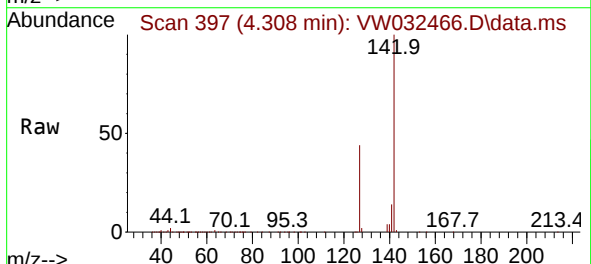
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ClientSampleId :
VSTDCCC050EC

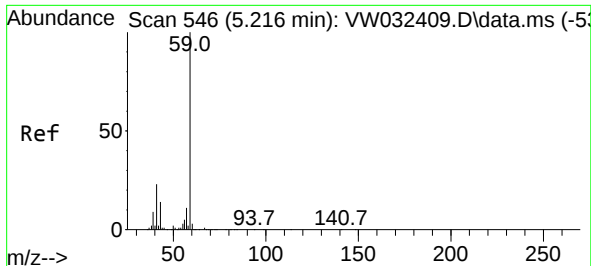
Tgt Ion:101 Resp: 178225
Ion Ratio Lower Upper
101 100
85 43.4 34.1 51.1
151 70.0 56.4 84.6



#10
Methyl Iodide
Concen: 52.357 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:142 Resp: 295526
Ion Ratio Lower Upper
142 100
127 41.7 34.2 51.2
141 14.7 11.8 17.8

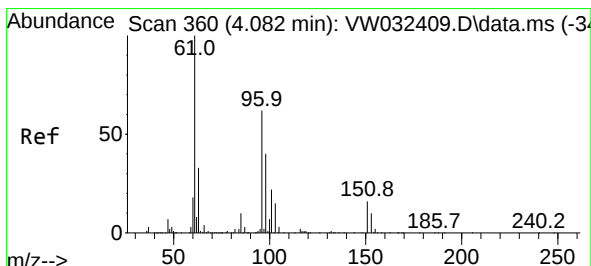
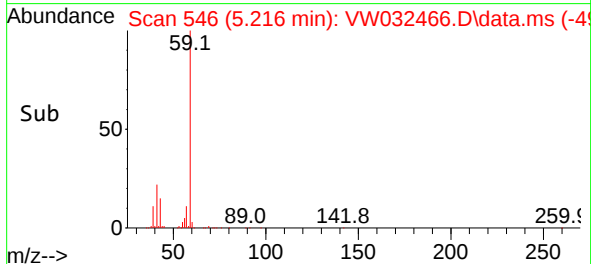
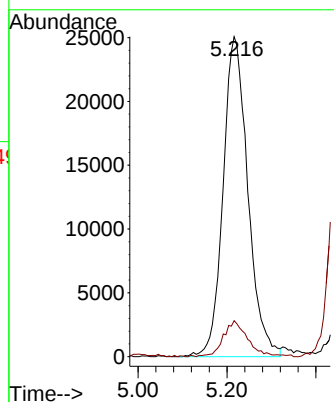
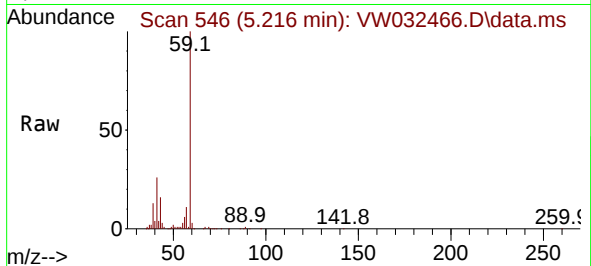




#11
Tert butyl alcohol
Concen: 232.461 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

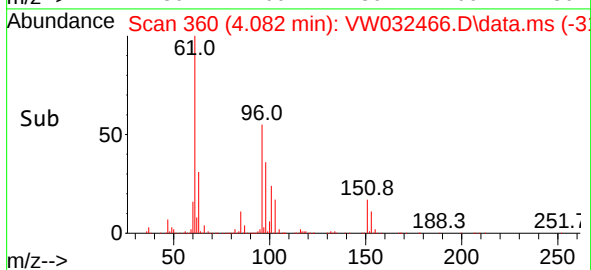
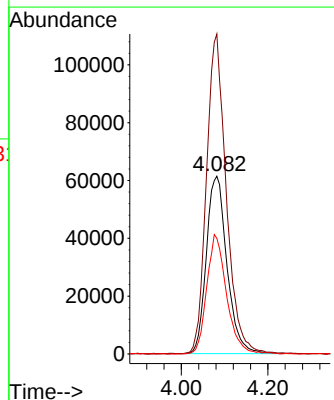
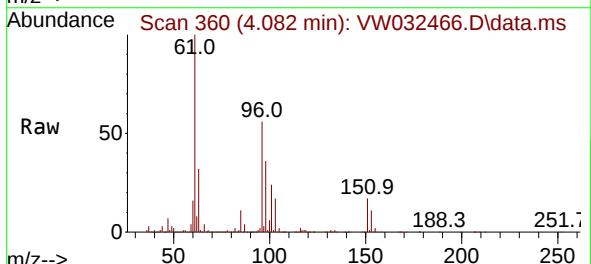
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 96887
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.627 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 96 Resp: 203444
Ion Ratio Lower Upper
96 100
61 180.1 129.0 193.6
98 65.2 51.1 76.7

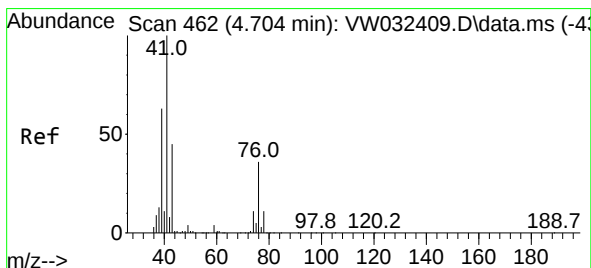
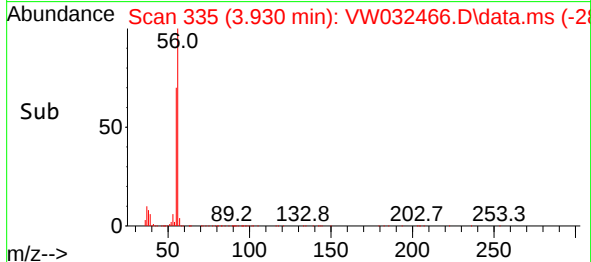
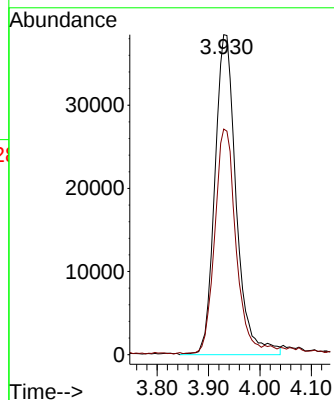
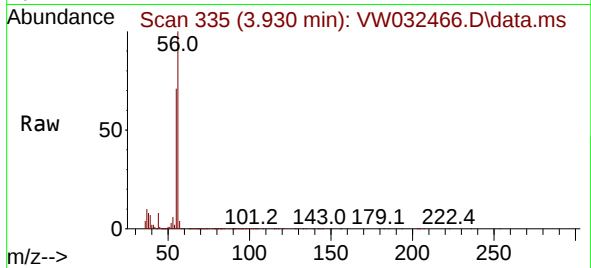




#13
Acrolein
Concen: 158.991 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

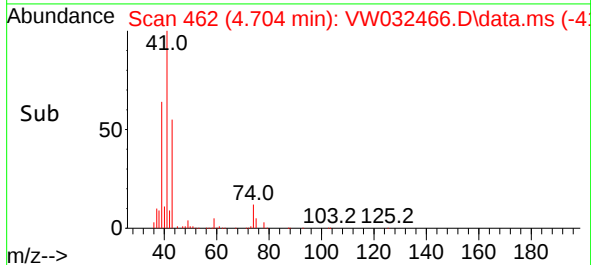
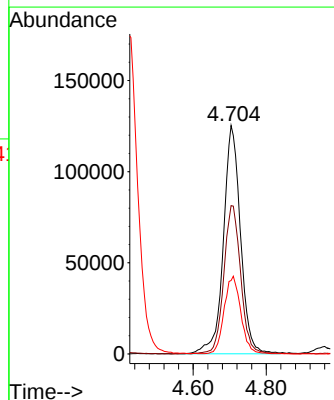
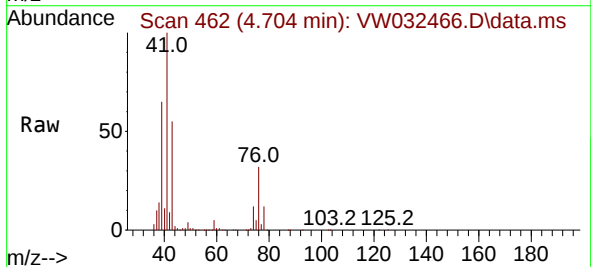
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

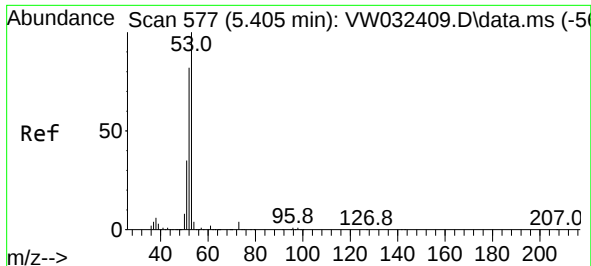
Tgt Ion: 56 Resp: 111181
Ion Ratio Lower Upper
56 100
55 68.3 56.3 84.5



#14
Allyl chloride
Concen: 52.723 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 41 Resp: 407437
Ion Ratio Lower Upper
41 100
39 64.1 50.2 75.2
76 32.9 27.0 40.6

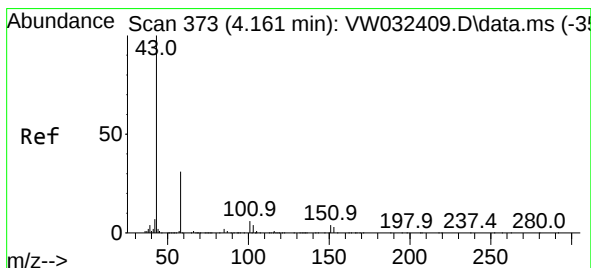
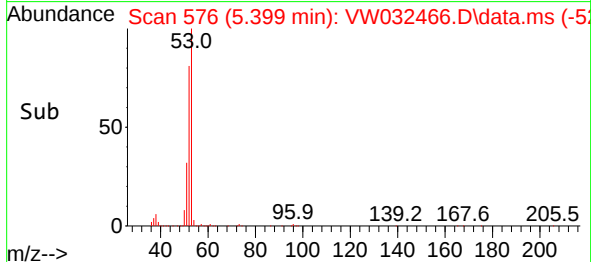
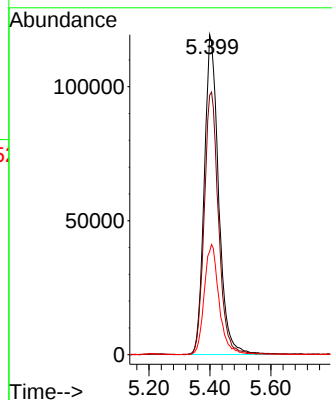
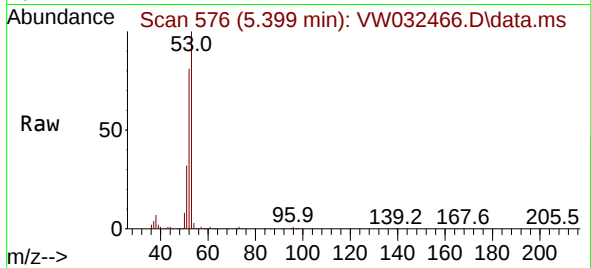




#15
Acrylonitrile
Concen: 256.633 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

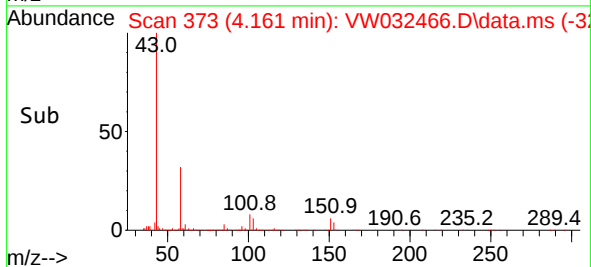
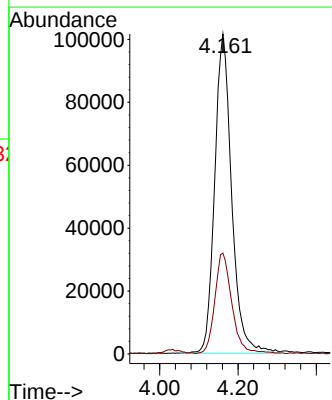
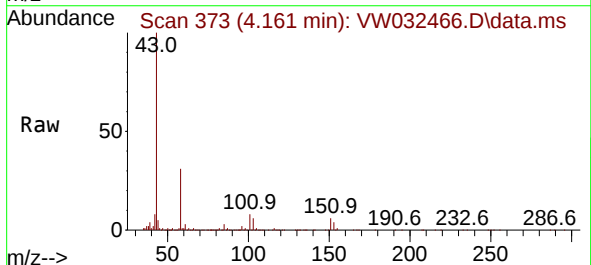
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

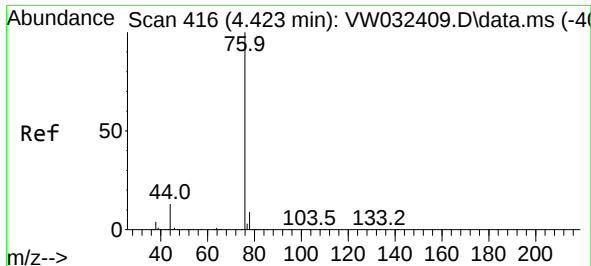
Tgt Ion: 53 Resp: 390287
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 35.7 28.6 43.0



#16
Acetone
Concen: 211.895 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 43 Resp: 305561
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2

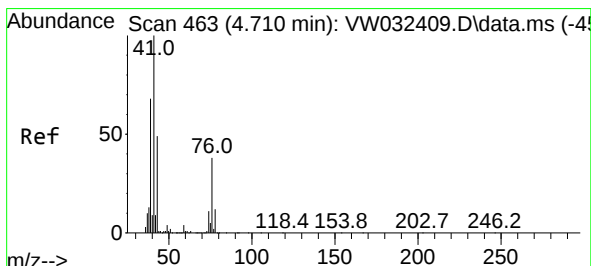
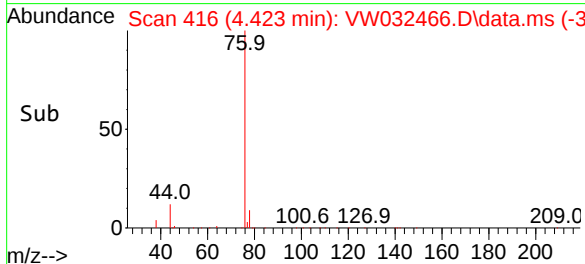
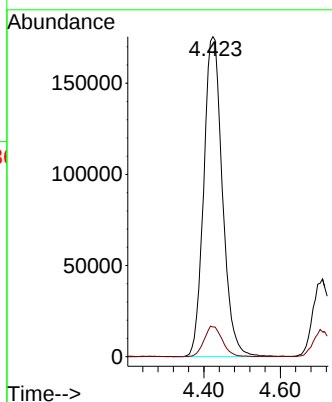
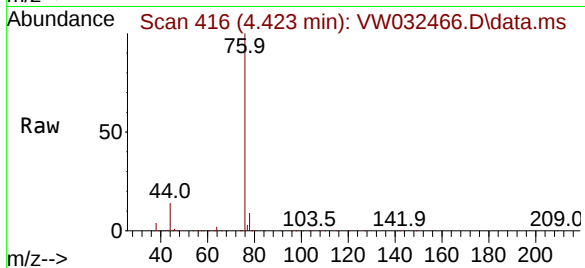




#17
Carbon Disulfide
Concen: 50.131 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

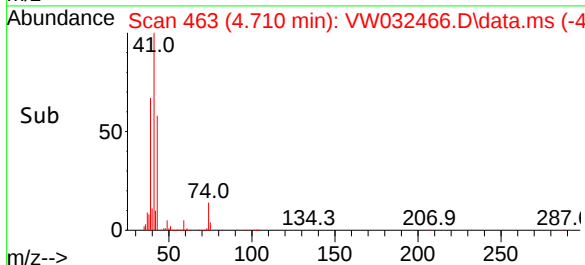
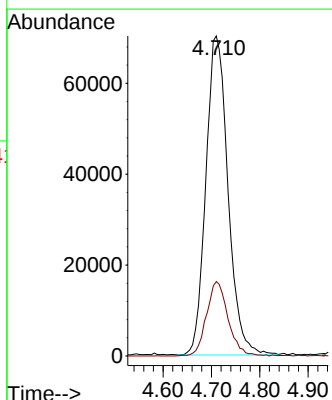
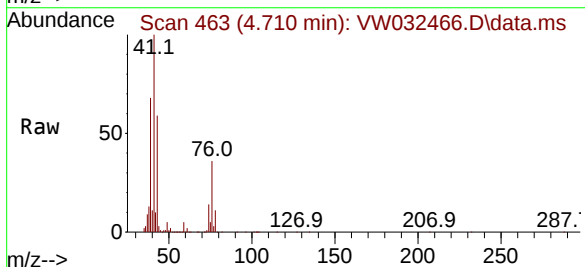
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

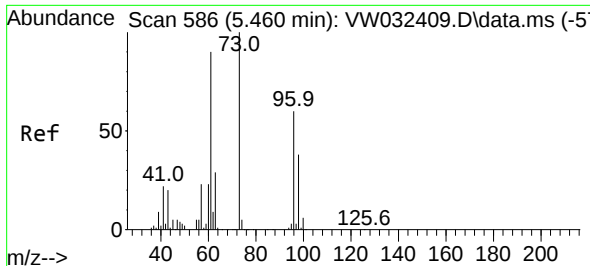
Tgt Ion: 76 Resp: 595422
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 62.692 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 43 Resp: 223870
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3

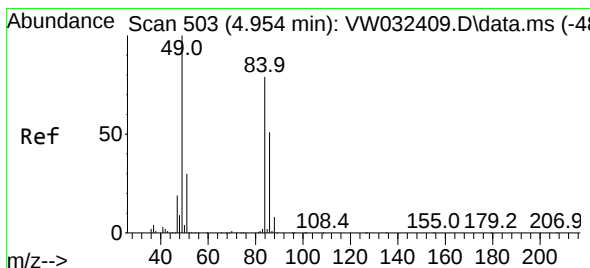
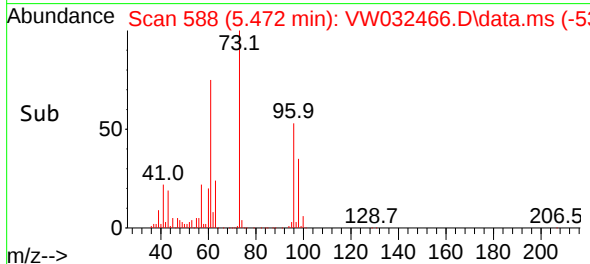
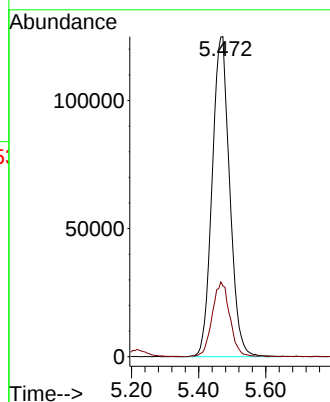
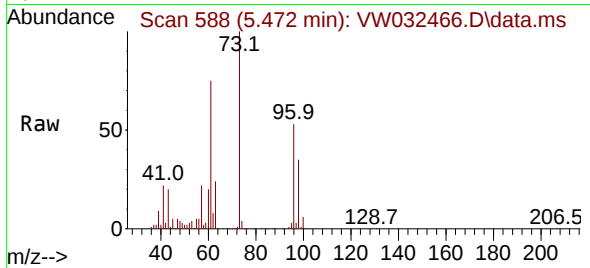




#19
Methyl tert-butyl Ether
Concen: 53.489 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

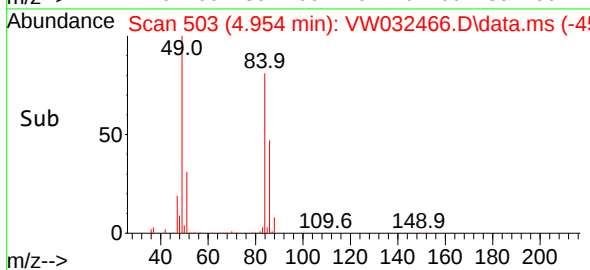
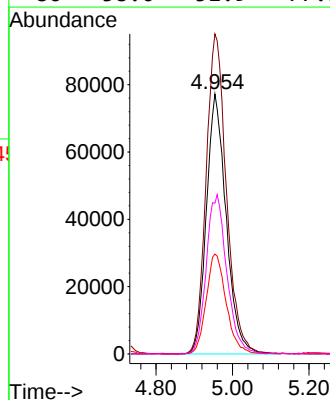
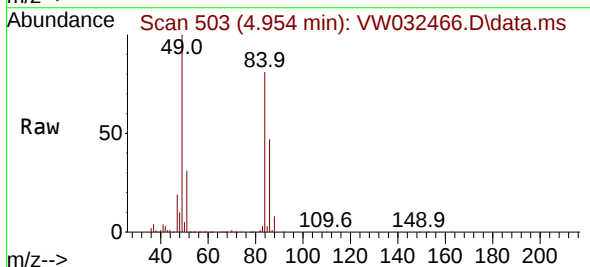
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

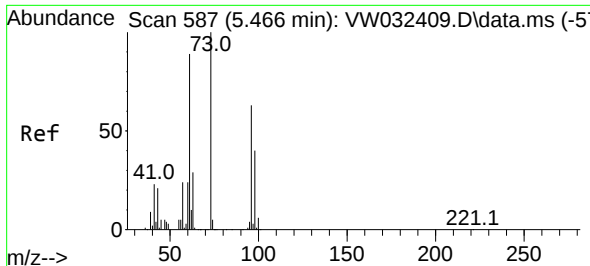
Tgt Ion: 73 Resp: 453095
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 53.725 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 84 Resp: 277065
Ion Ratio Lower Upper
84 100
49 123.0 101.5 152.3
51 38.3 30.6 46.0
86 58.0 51.9 77.9

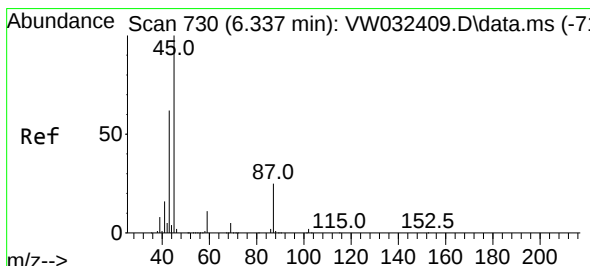
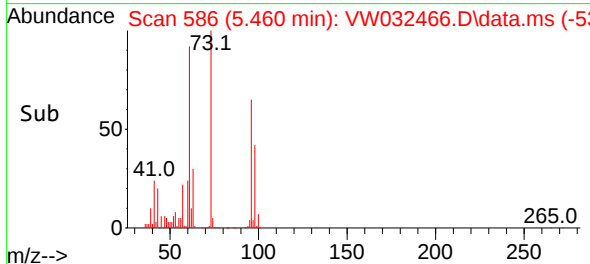
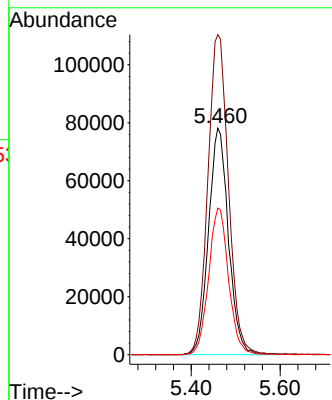
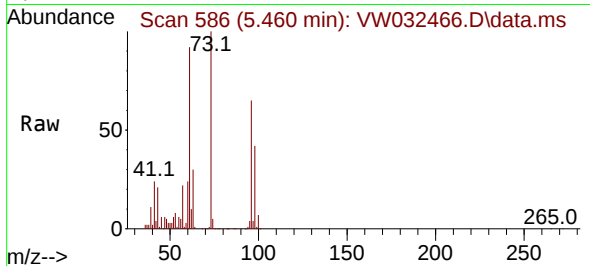




#21
trans-1,2-Dichloroethene
Concen: 52.964 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

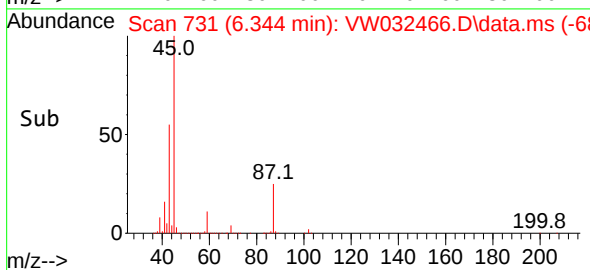
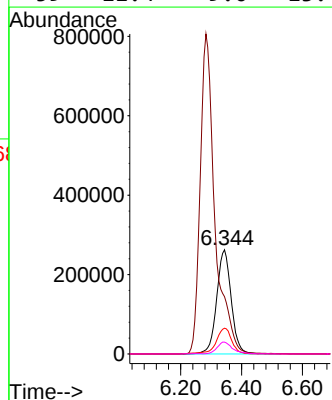
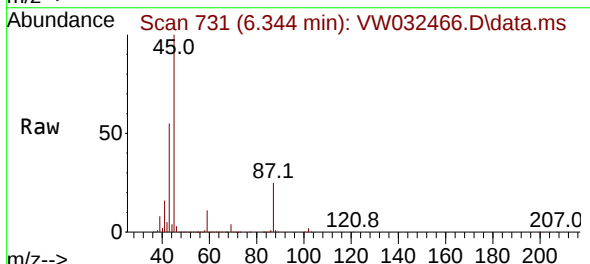
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

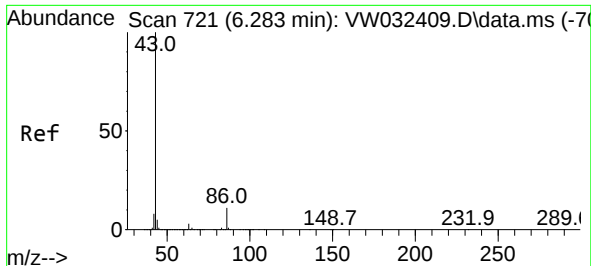
Tgt Ion: 96 Resp: 243365
Ion Ratio Lower Upper
96 100
61 141.1 112.5 168.7
98 64.7 51.1 76.7



#22
Diisopropyl ether
Concen: 55.209 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 45 Resp: 868672
Ion Ratio Lower Upper
45 100
43 55.0 49.4 74.2
87 24.7 20.1 30.1
59 11.4 9.0 13.4

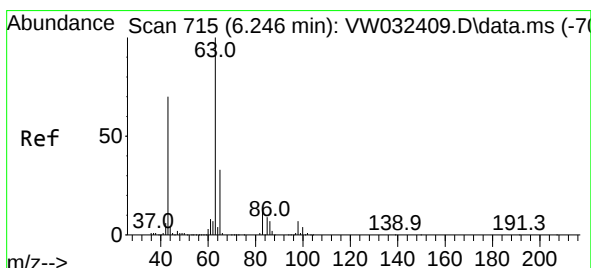
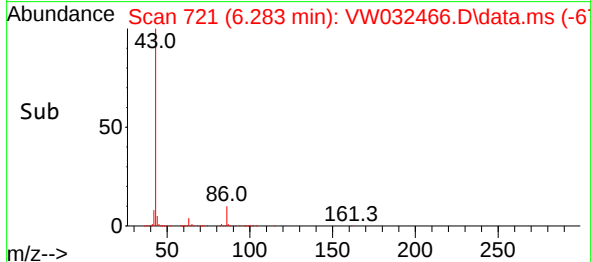
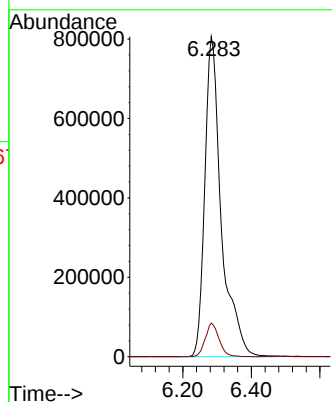
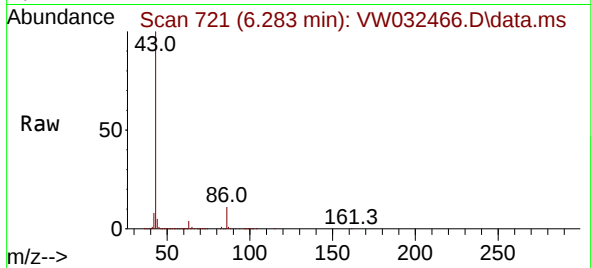




#23
 Vinyl Acetate
 Concen: 250.832 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

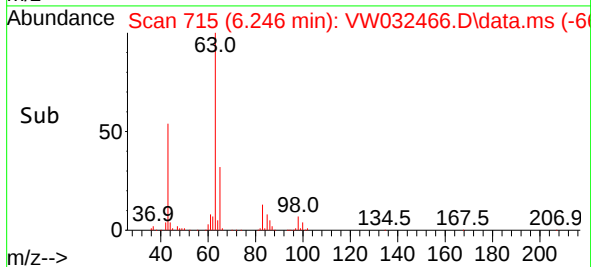
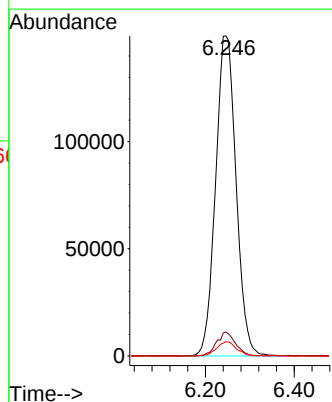
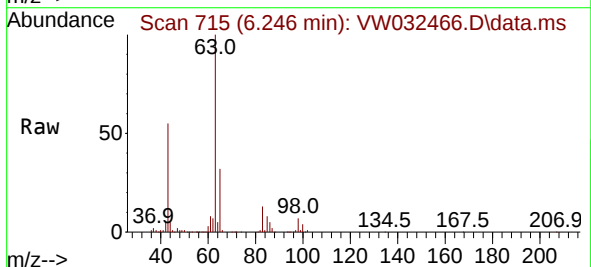
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

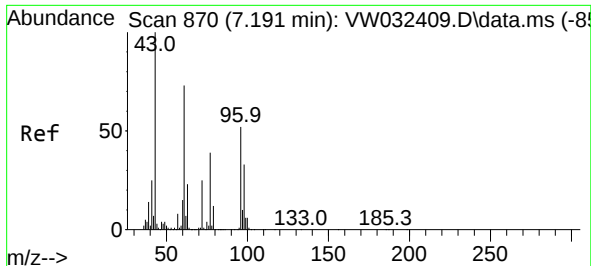
Tgt Ion: 43 Resp: 2703967
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.382 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion: 63 Resp: 477421
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.5 2.3 6.8

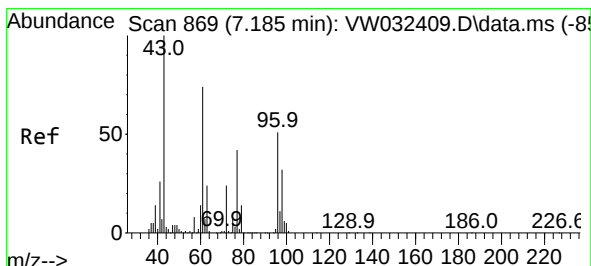
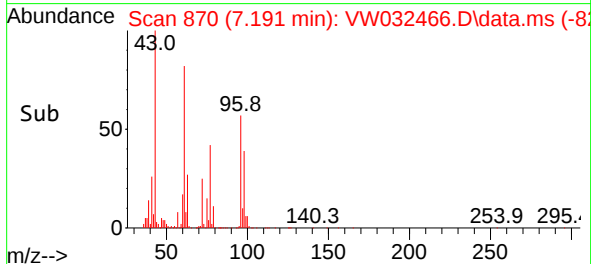
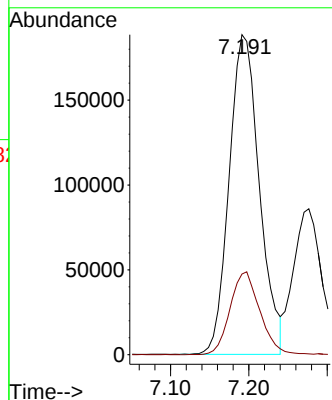
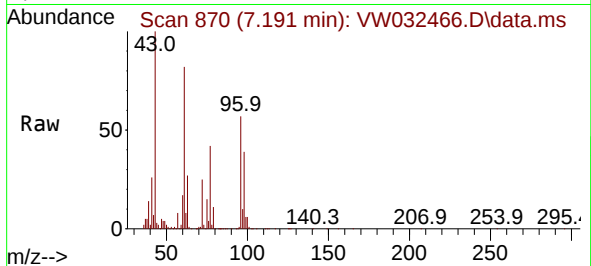




#25
2-Butanone
Concen: 238.070 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

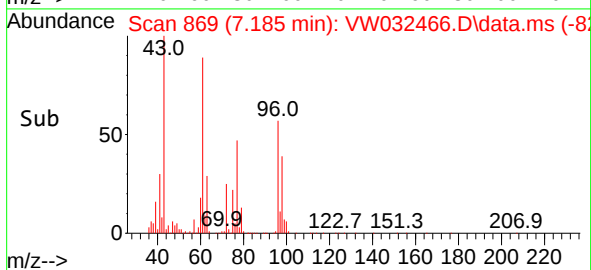
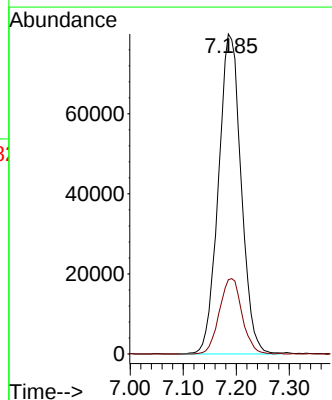
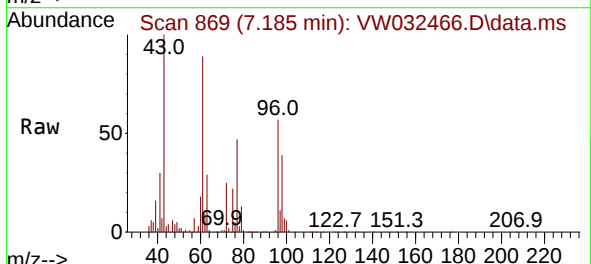
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

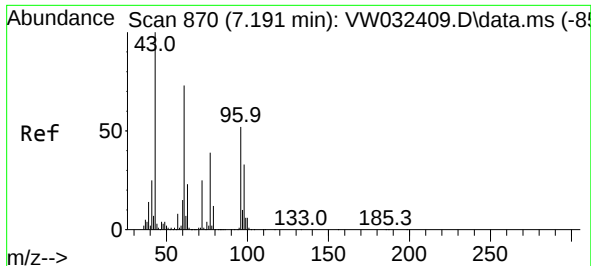
Tgt Ion: 43 Resp: 505776
Ion Ratio Lower Upper
43 100
72 25.2 20.0 30.0



#26
2,2-Dichloropropane
Concen: 49.436 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 77 Resp: 237507
Ion Ratio Lower Upper
77 100
97 23.5 12.3 36.8

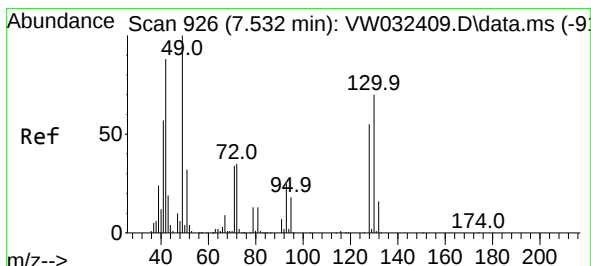
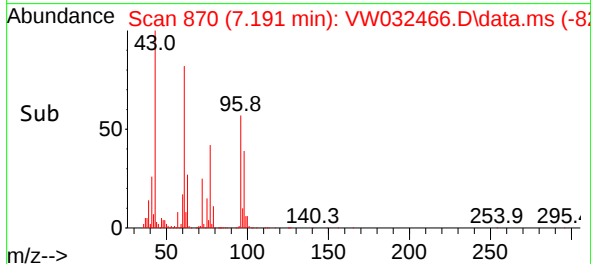
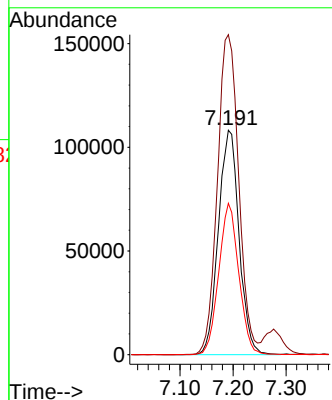
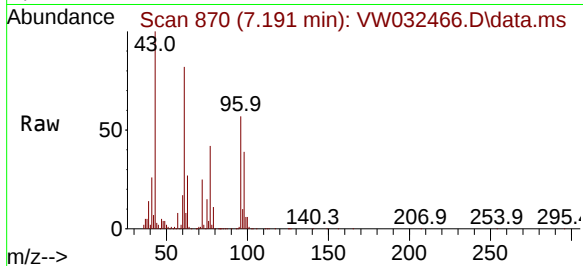




#27
 cis-1,2-Dichloroethene
 Concen: 53.280 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

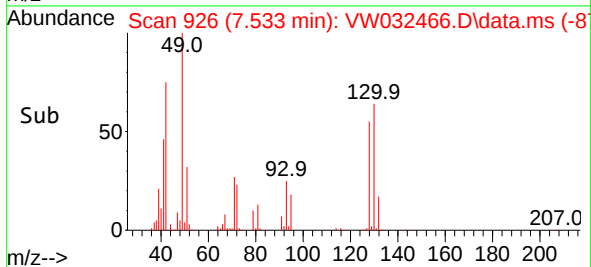
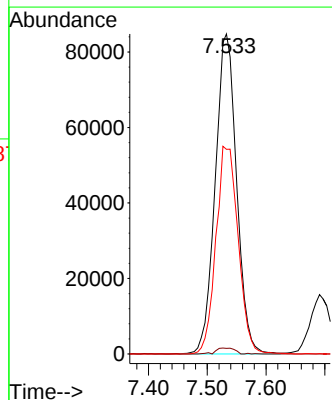
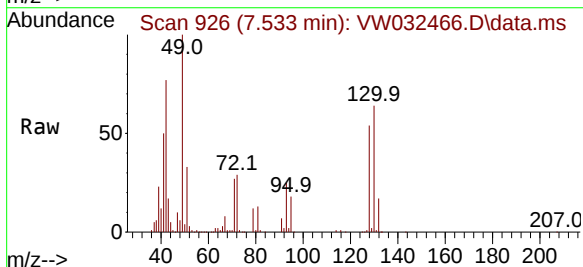
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 292527
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 282.6
 98 65.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.639 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion: 49 Resp: 214468
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 67.5 56.9 85.3





#29

Tetrahydrofuran

Concen: 256.461 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

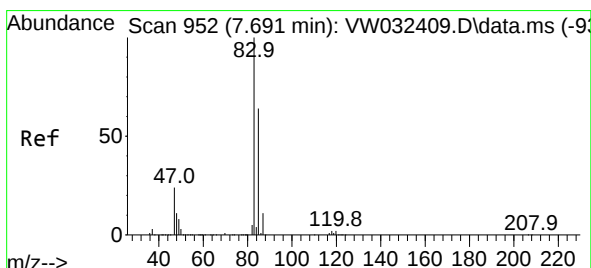
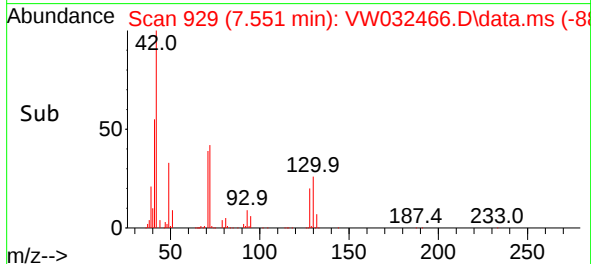
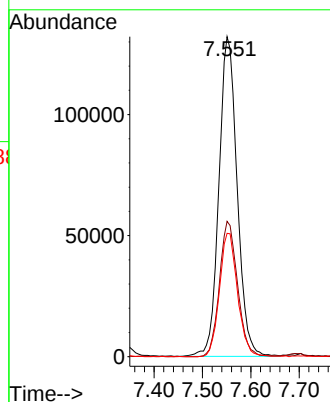
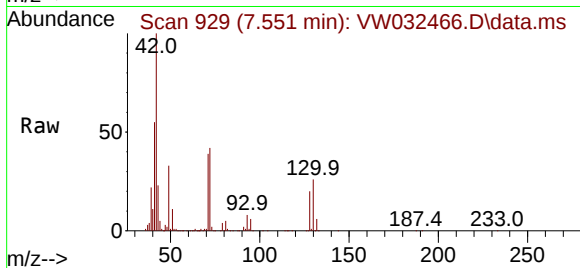
Tgt Ion: 42 Resp: 345818

Ion Ratio Lower Upper

42 100

72 42.1 33.6 50.4

71 38.3 31.4 47.0



#30

Chloroform

Concen: 55.235 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032466.D

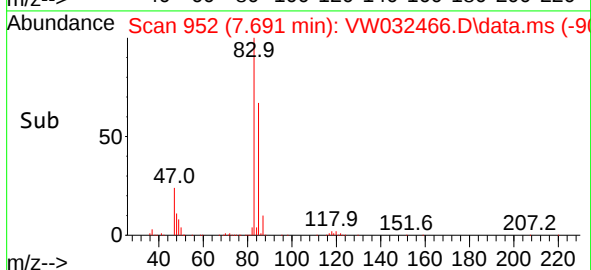
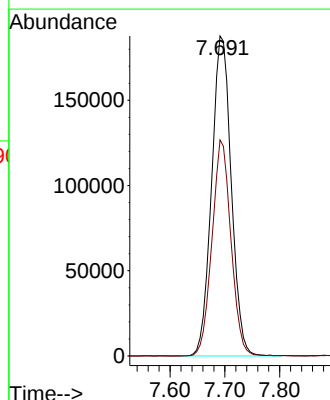
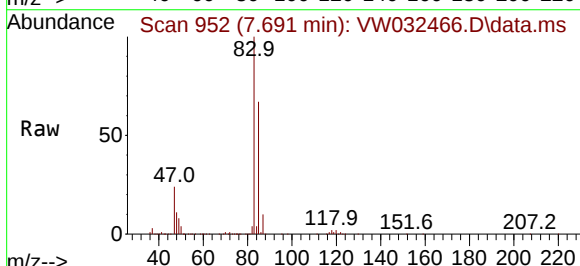
Acq: 17 Nov 2025 18:13

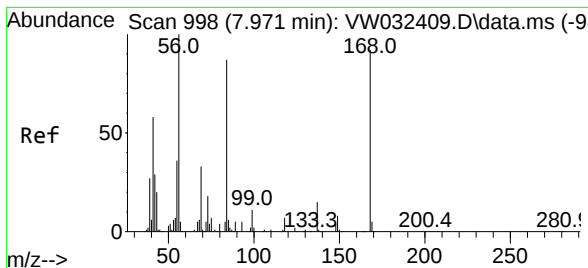
Tgt Ion: 83 Resp: 466124

Ion Ratio Lower Upper

83 100

85 67.5 51.0 76.4

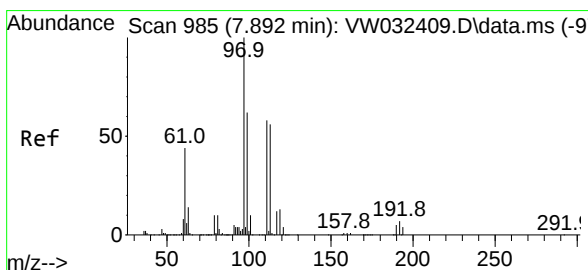
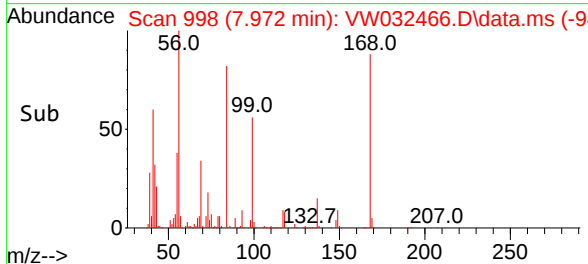
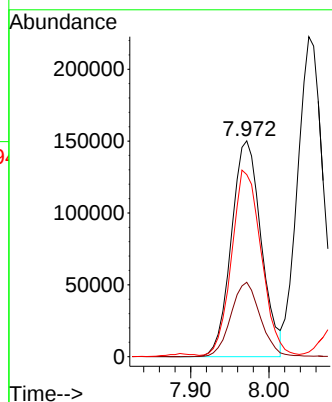
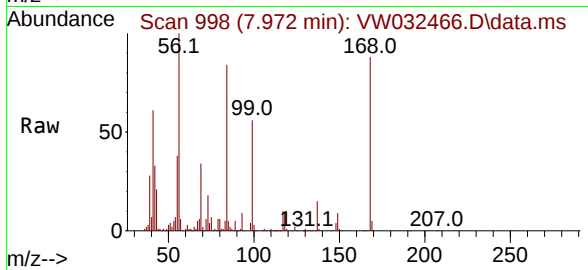




#31
Cyclohexane
Concen: 49.913 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

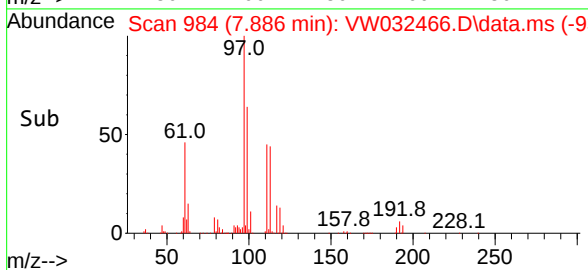
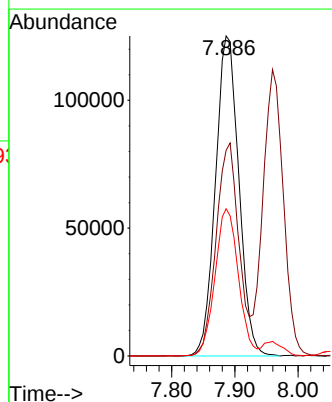
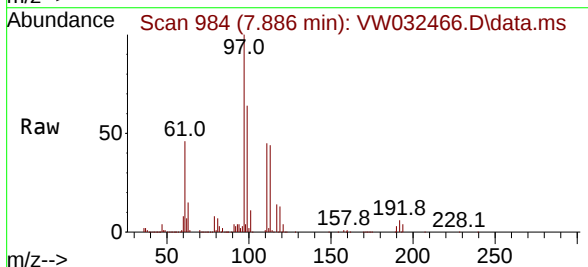
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

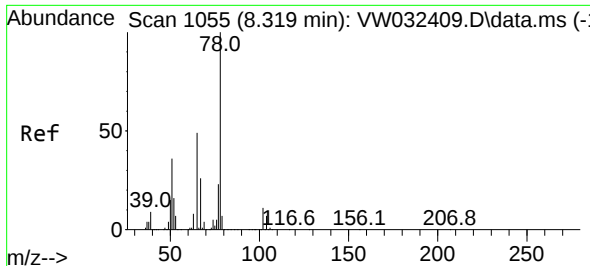
Tgt Ion: 56 Resp: 398011
Ion Ratio Lower Upper
56 100
69 34.5 26.5 39.7
84 82.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 53.173 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 97 Resp: 320561
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 46.1 35.5 53.3

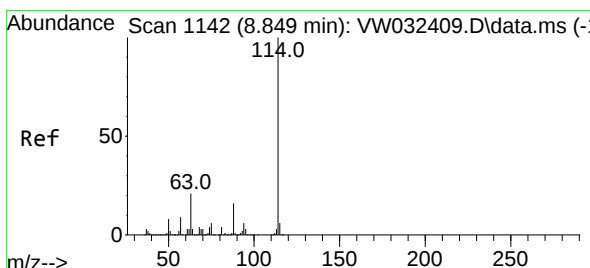
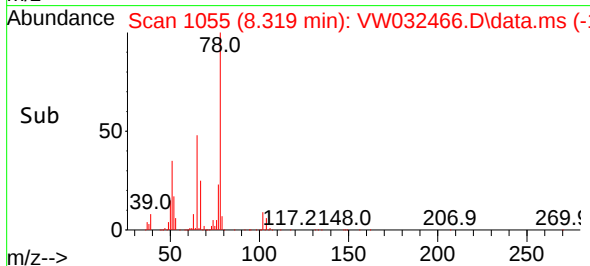
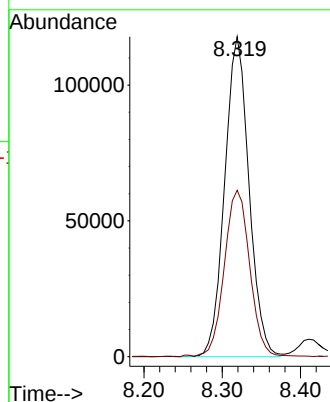
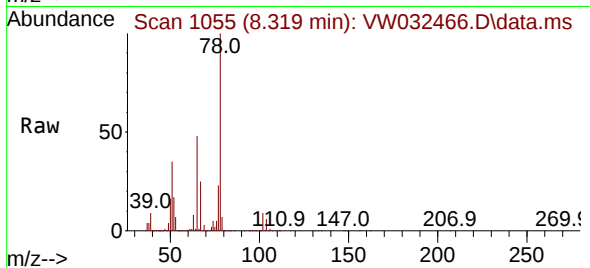




#33
 1,2-Dichloroethane-d4
 Concen: 52.672 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

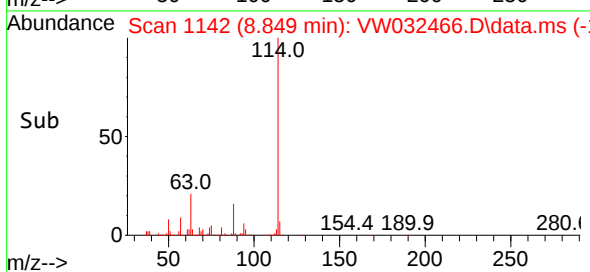
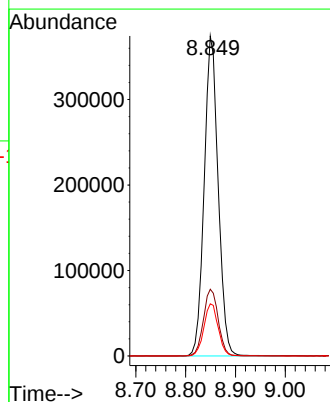
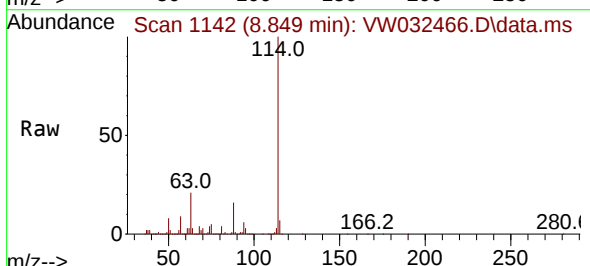
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

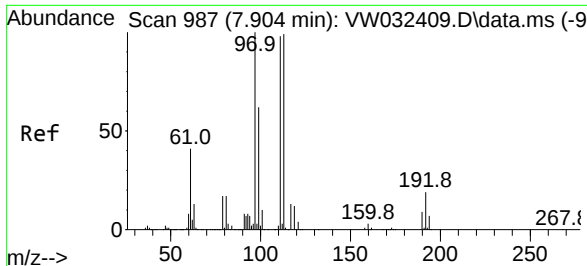
Tgt Ion: 65 Resp: 253882
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion: 114 Resp: 728026
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.8
 88 16.3 0.0 32.6

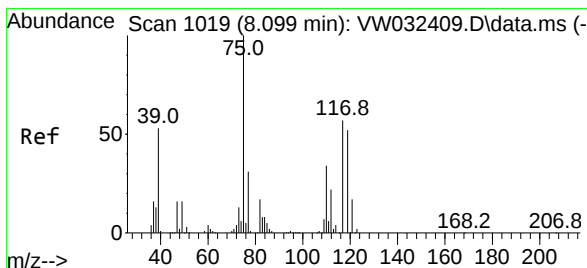
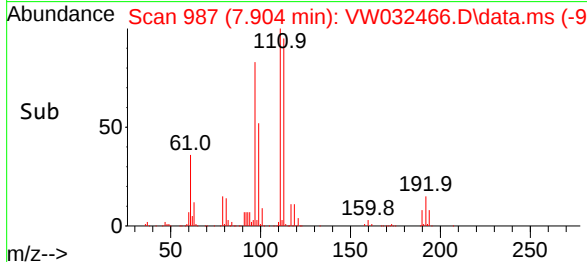
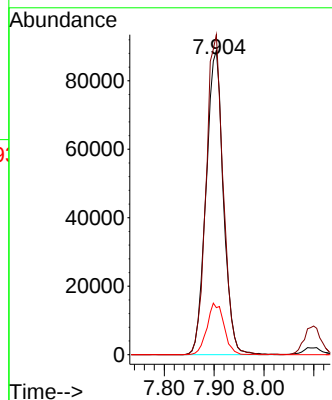
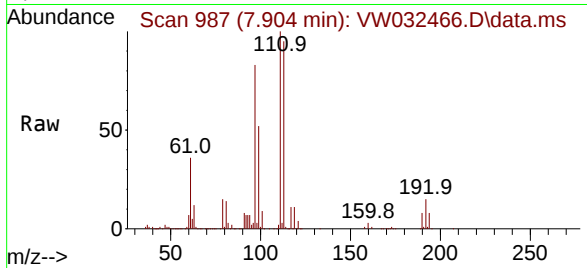




#35
Dibromofluoromethane
Concen: 49.031 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

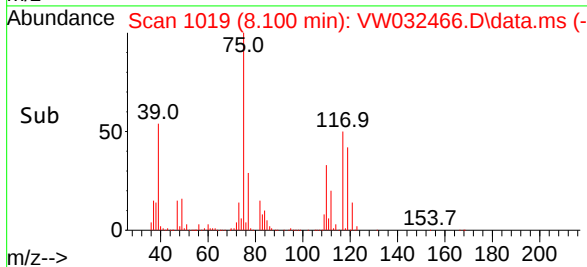
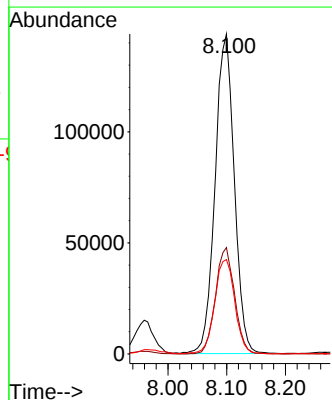
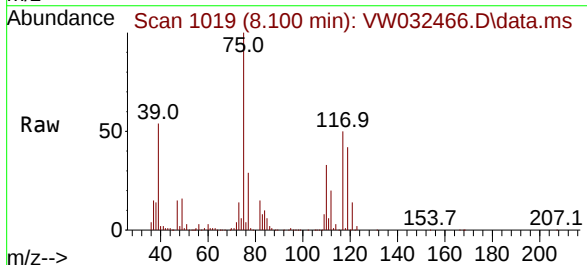
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

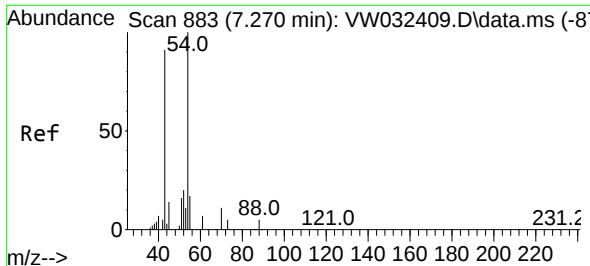
Tgt Ion:113 Resp: 213719
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.8 13.4 20.2



#36
1,1-Dichloropropene
Concen: 50.903 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 75 Resp: 326915
Ion Ratio Lower Upper
75 100
110 33.2 17.2 51.5
77 30.9 24.5 36.7





#37

Ethyl Acetate

Concen: 47.181 ug/l

RT: 7.277 min Scan# 883

Delta R.T. 0.006 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

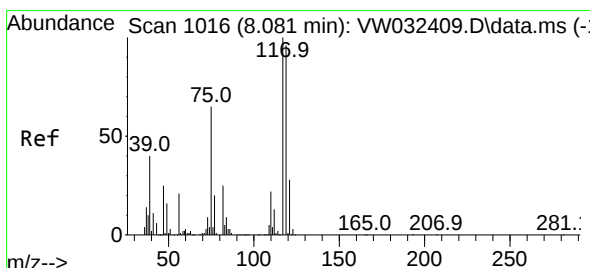
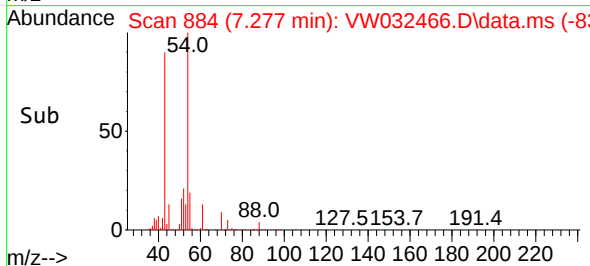
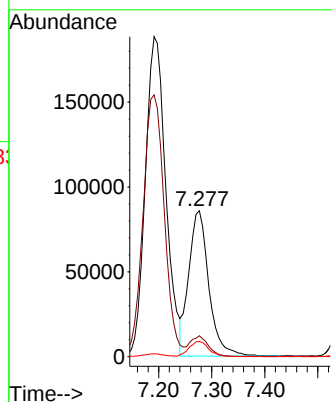
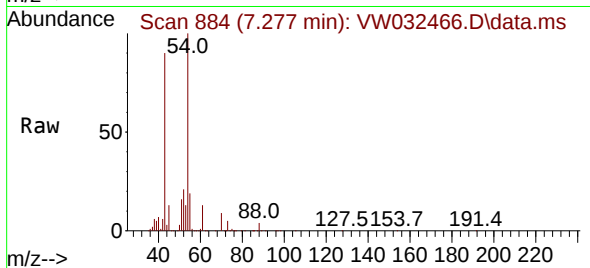
Tgt Ion: 43 Resp: 225318

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.715 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

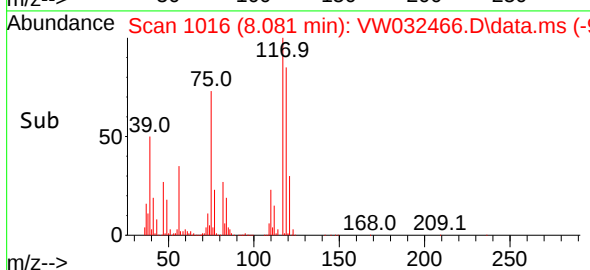
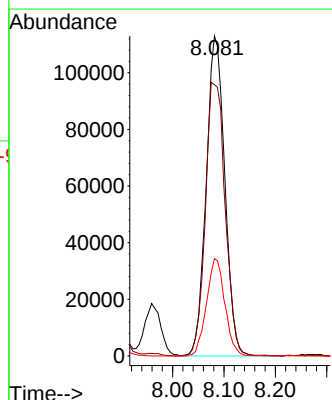
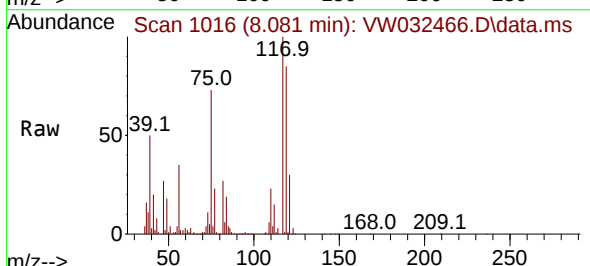
Tgt Ion: 117 Resp: 283702

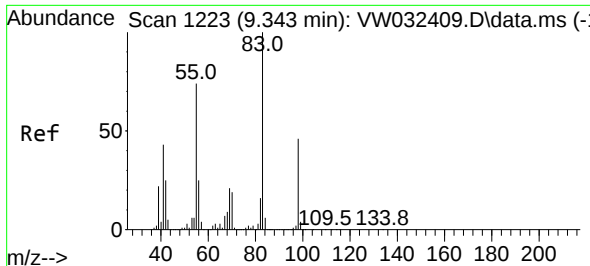
Ion Ratio Lower Upper

117 100

119 84.8 77.0 115.4

121 30.4 22.0 33.0

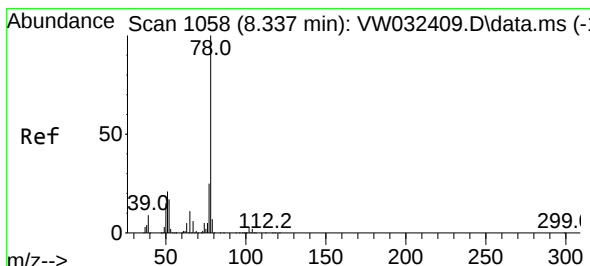
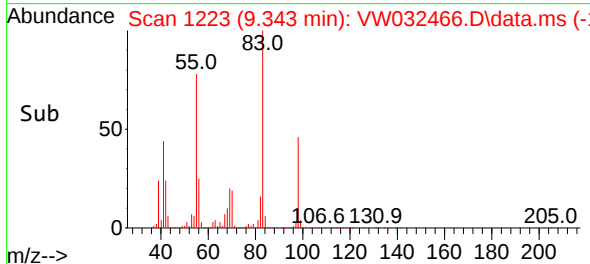
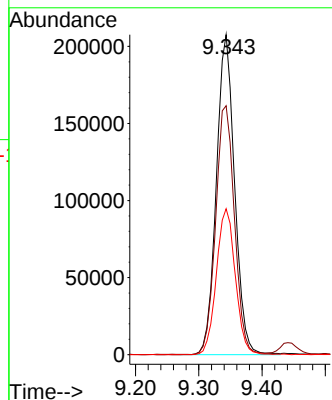
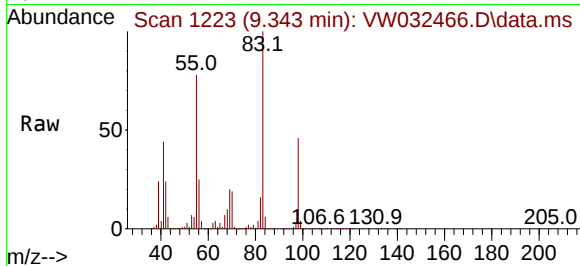




#39
Methylcyclohexane
Concen: 49.905 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

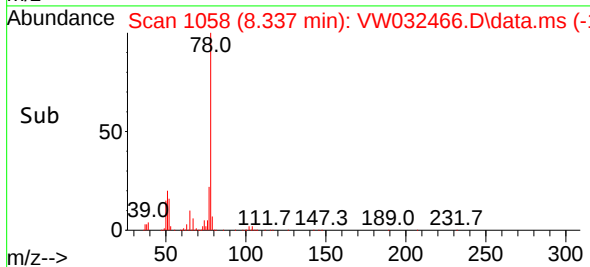
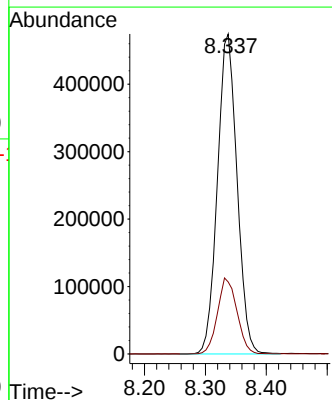
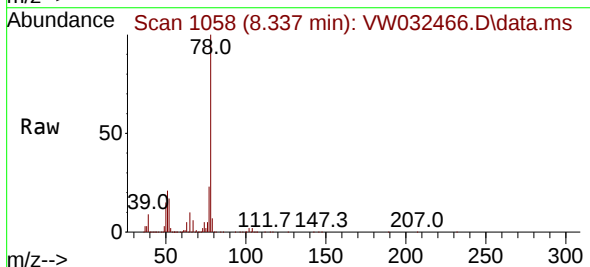
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

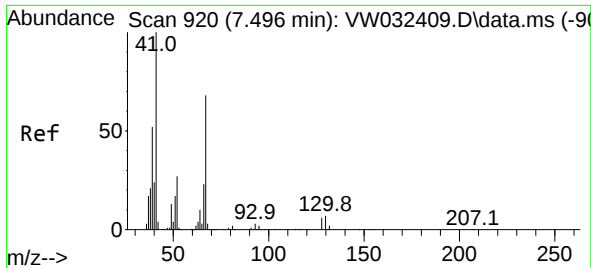
Tgt Ion: 83 Resp: 415204
Ion Ratio Lower Upper
83 100
55 77.7 59.2 88.8
98 45.6 36.6 54.8



#40
Benzene
Concen: 51.172 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 78 Resp: 1058358
Ion Ratio Lower Upper
78 100
77 22.5 19.6 29.4

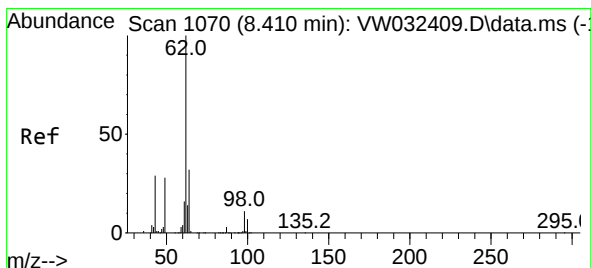
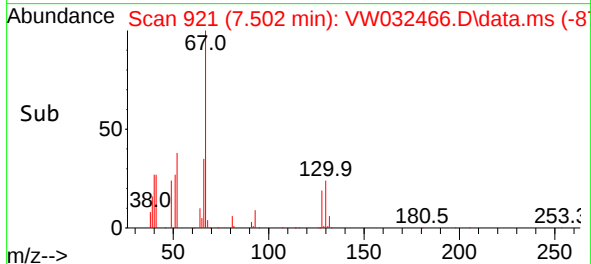
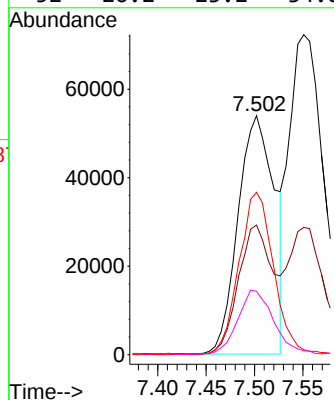
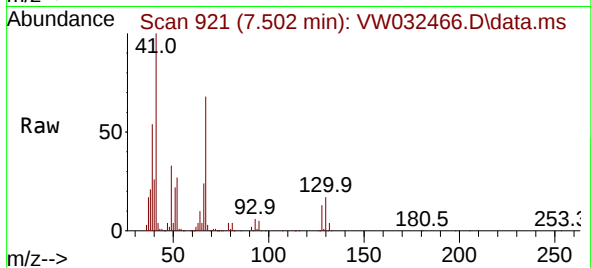




#41
Methacrylonitrile
Concen: 53.943 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

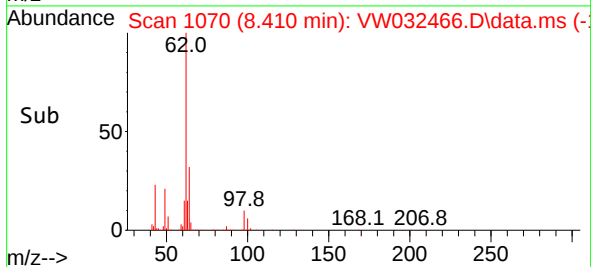
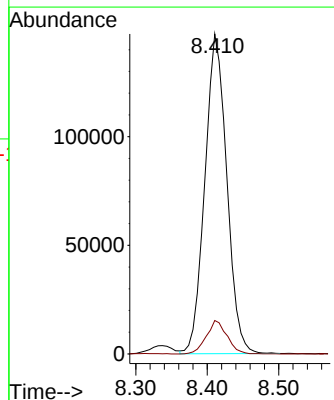
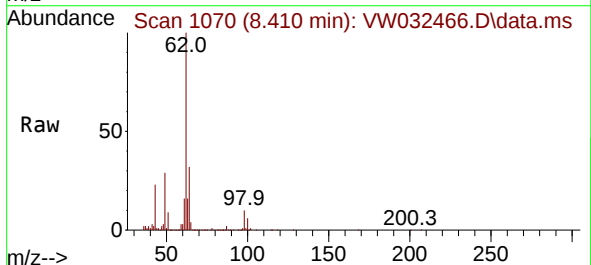
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

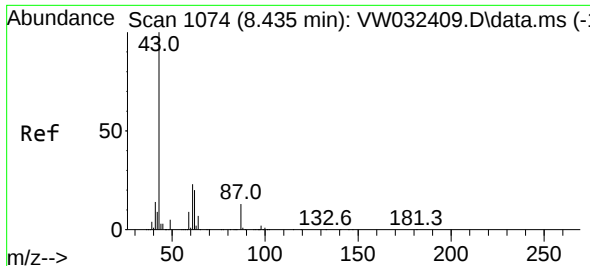
Tgt Ion:	41	Resp:	141514
Ion	Ratio	Lower	Upper
41	100		
39	51.6	44.6	66.8
67	64.7	57.6	86.4
52	26.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 51.620 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:	62	Resp:	313592
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

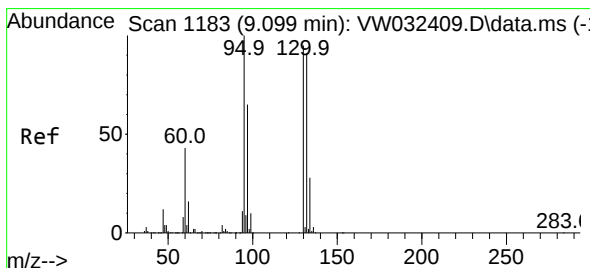
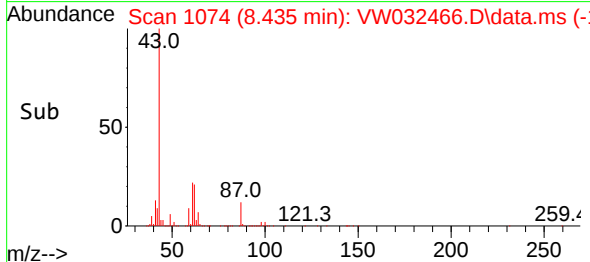
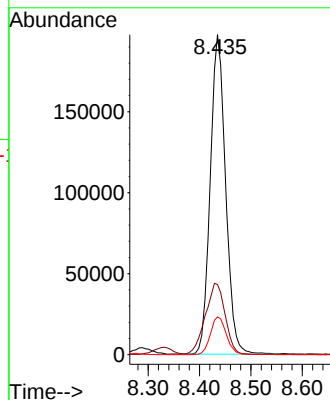
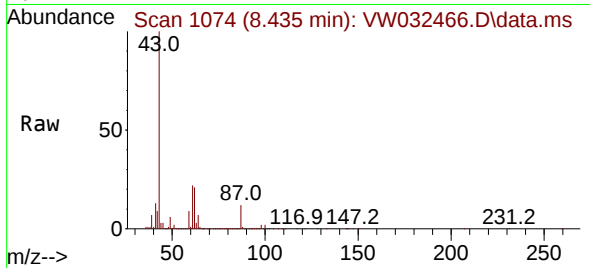




#43
Isopropyl Acetate
Concen: 48.502 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

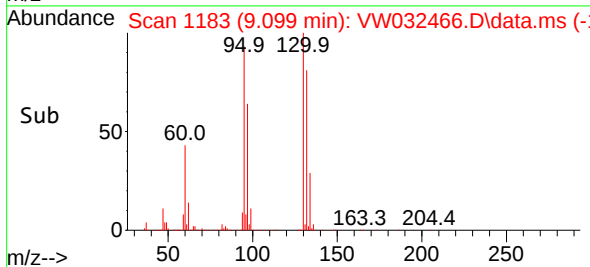
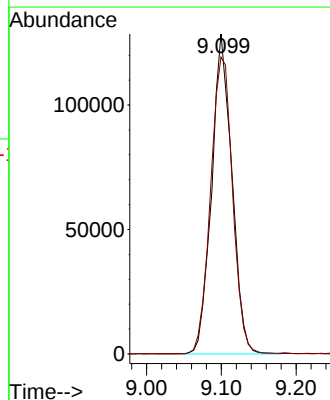
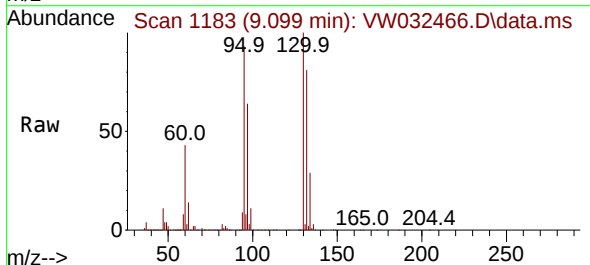
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

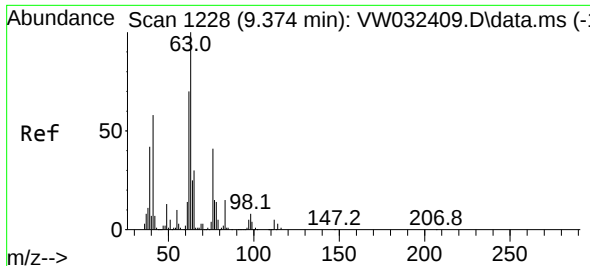
Tgt Ion: 43 Resp: 410141
Ion Ratio Lower Upper
43 100
61 28.5 22.6 33.8
87 12.3 10.6 15.8



#44
Trichloroethene
Concen: 50.312 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 130 Resp: 242134
Ion Ratio Lower Upper
130 100
95 92.6 0.0 209.6

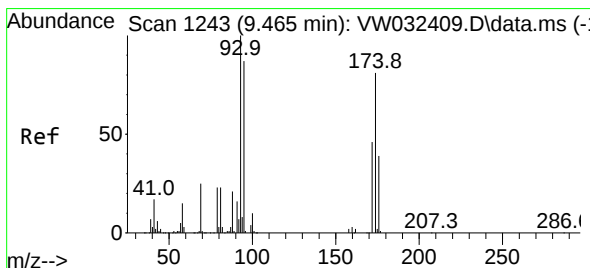
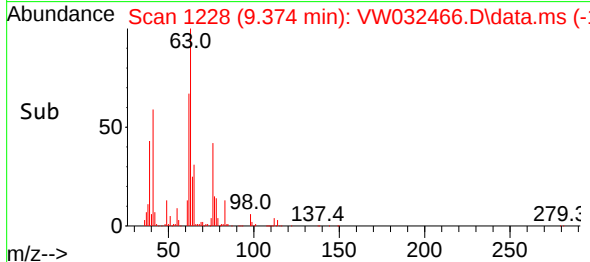
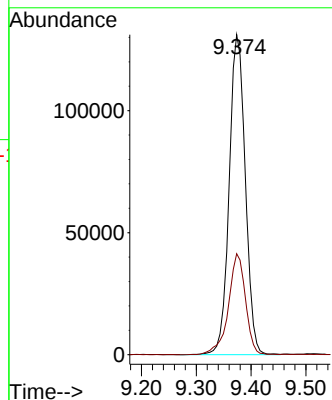
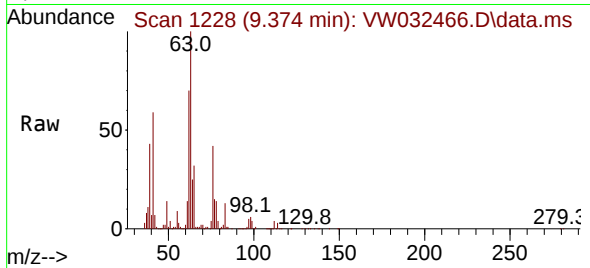




#45
1,2-Dichloropropane
Concen: 51.967 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

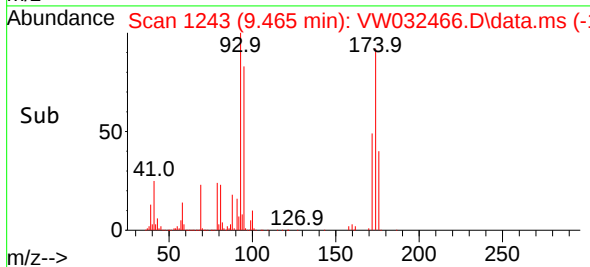
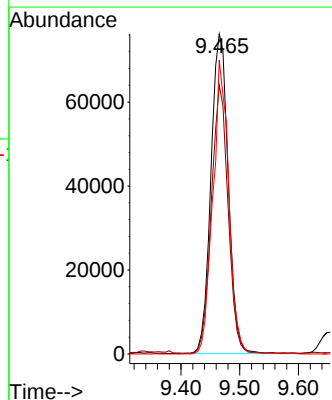
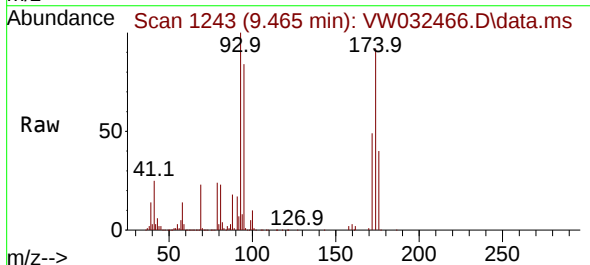
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 267628
Ion Ratio Lower Upper
63 100
65 31.6 24.4 36.6



#46
Dibromomethane
Concen: 51.702 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 93 Resp: 155592
Ion Ratio Lower Upper
93 100
95 80.8 67.1 100.7
174 84.8 68.2 102.4

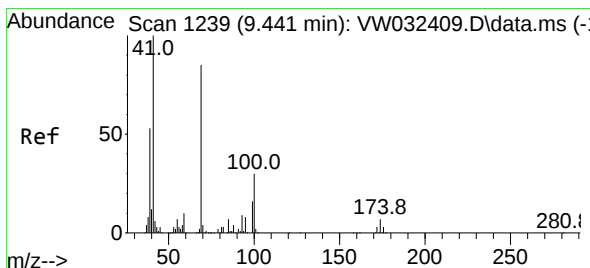
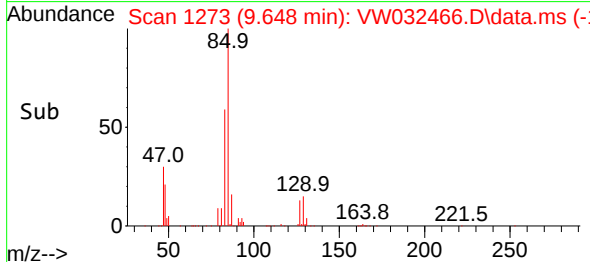
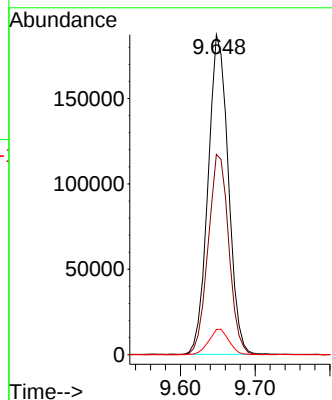
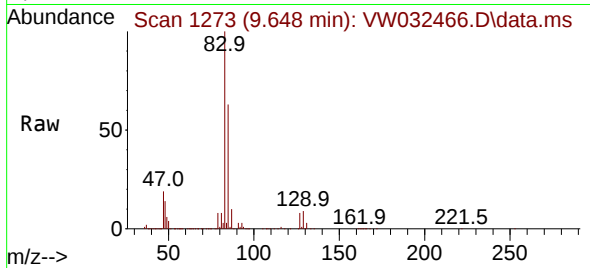




#47
Bromodichloromethane
Concen: 51.367 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

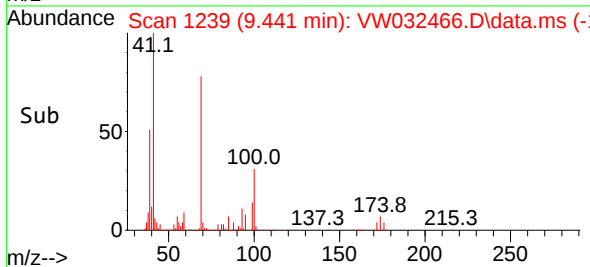
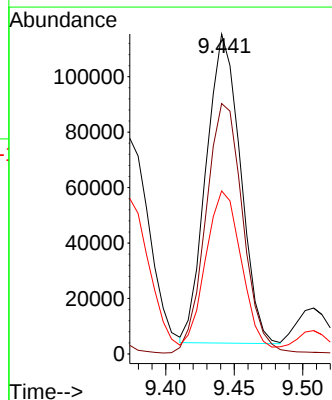
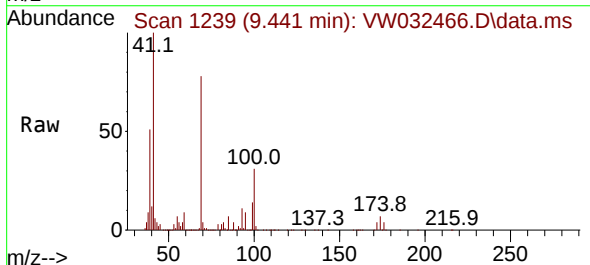
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

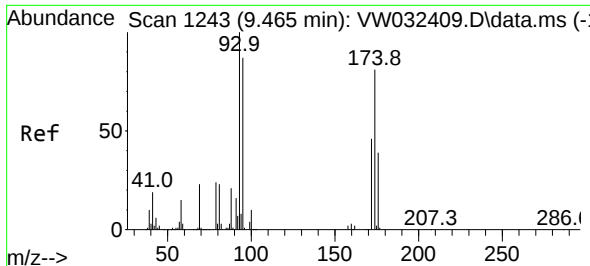
Tgt Ion: 83 Resp: 352623
Ion Ratio Lower Upper
83 100
85 62.6 48.7 73.1
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 48.209 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 41 Resp: 193720
Ion Ratio Lower Upper
41 100
69 87.9 65.8 98.6
39 51.9 38.6 57.8

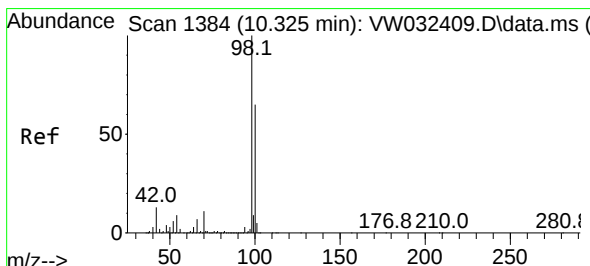
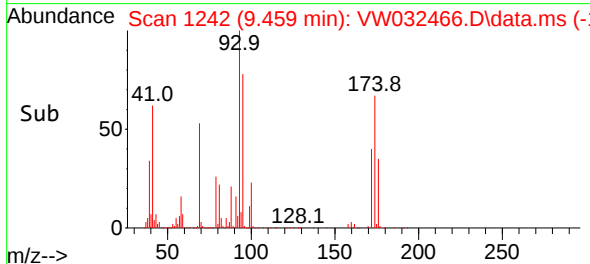
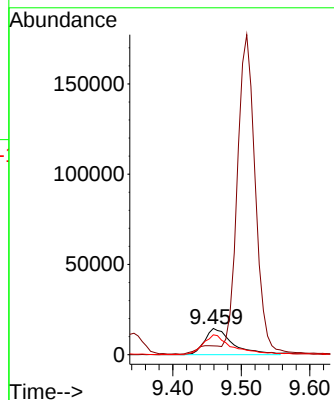
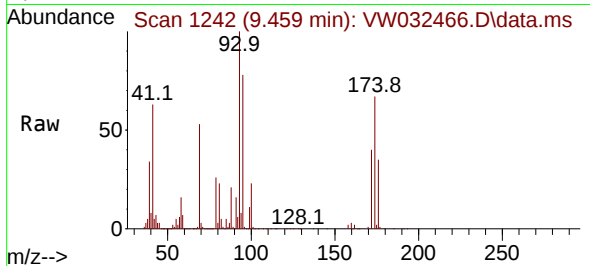




#49
1,4-Dioxane
Concen: 983.502 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

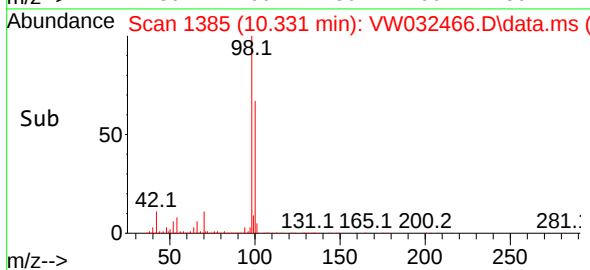
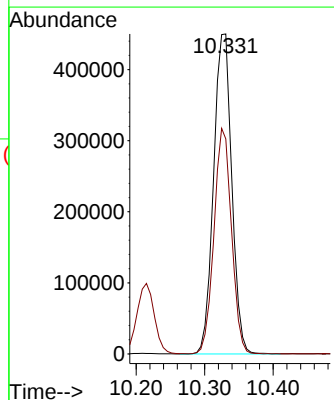
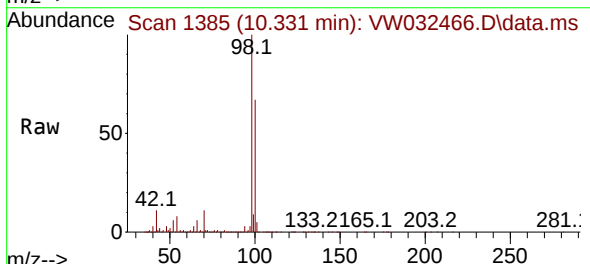
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

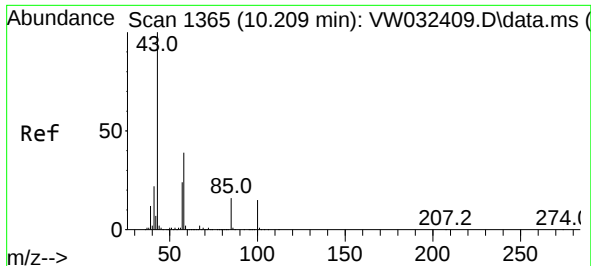
Tgt Ion: 88 Resp: 41463
Ion Ratio Lower Upper
88 100
43 24.6 0.0 0.0#
58 79.2 63.0 94.4



#50
Toluene-d8
Concen: 49.593 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 98 Resp: 829291
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9

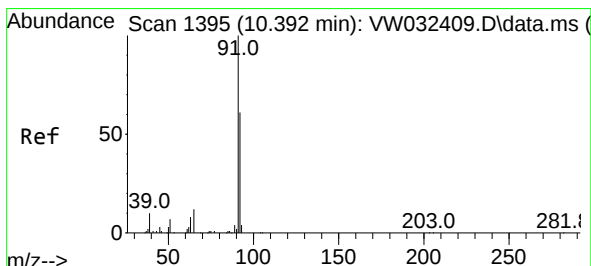
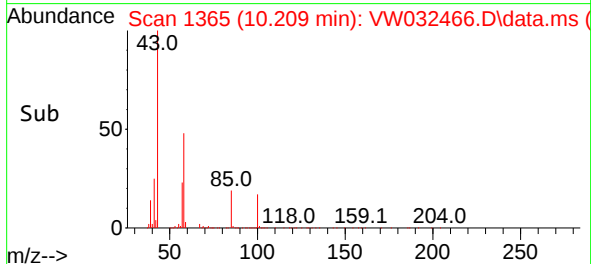
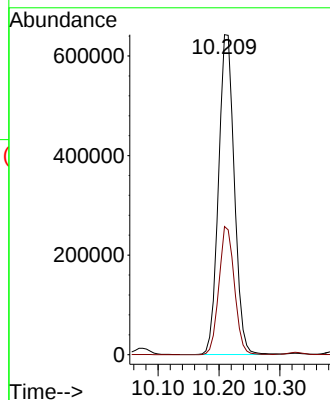
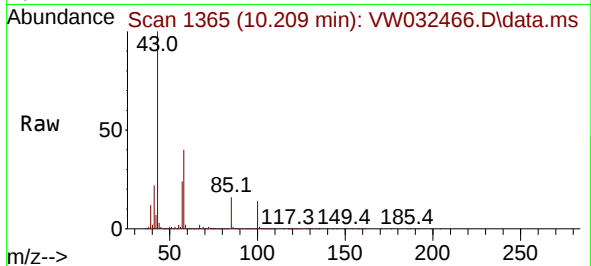




#51
4-Methyl-2-Pentanone
Concen: 248.150 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

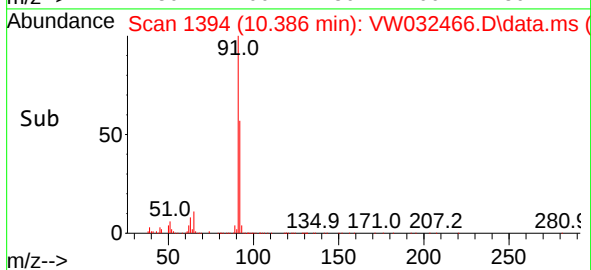
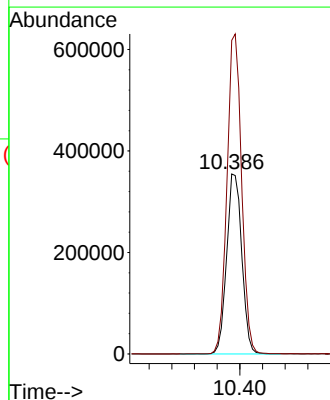
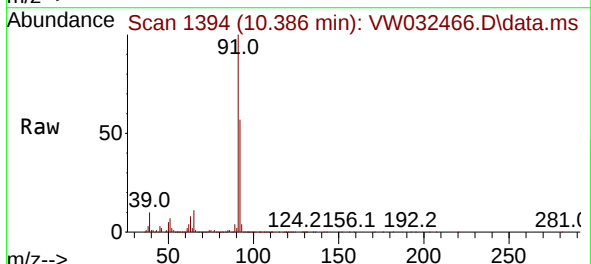
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

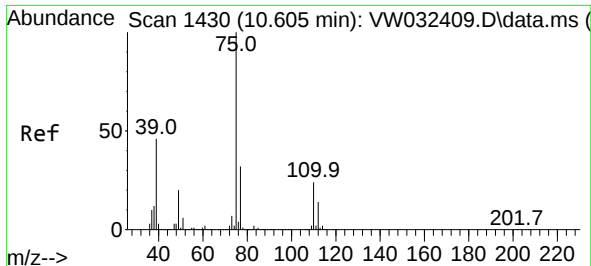
Tgt Ion: 43 Resp: 1160046
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 51.274 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 92 Resp: 655035
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0

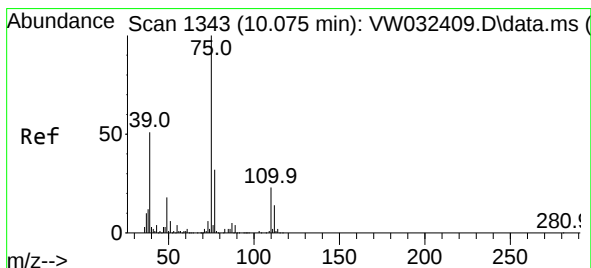
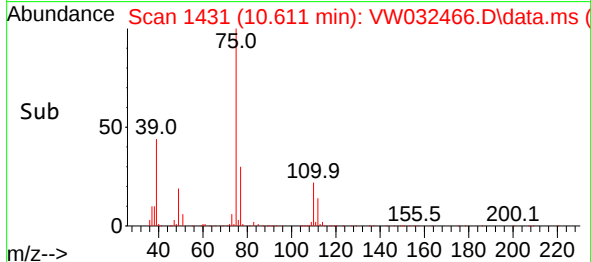
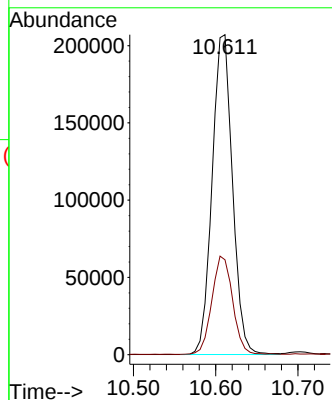
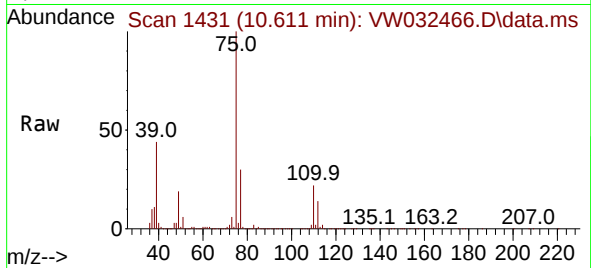




#53
t-1,3-Dichloropropene
Concen: 50.374 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

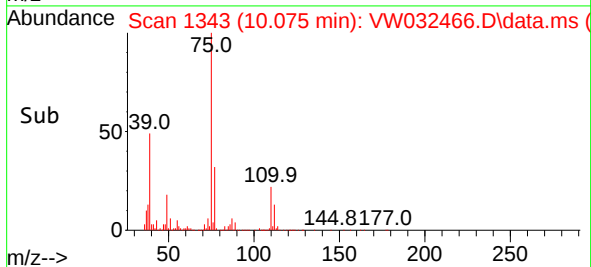
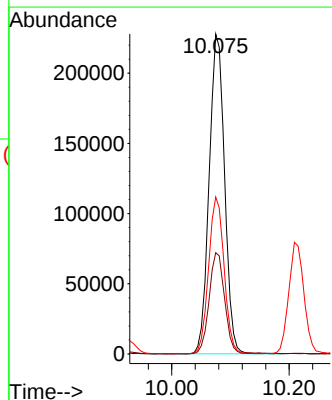
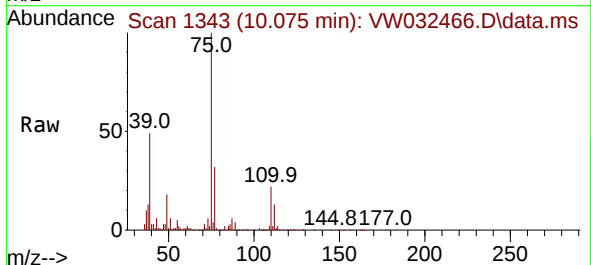
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

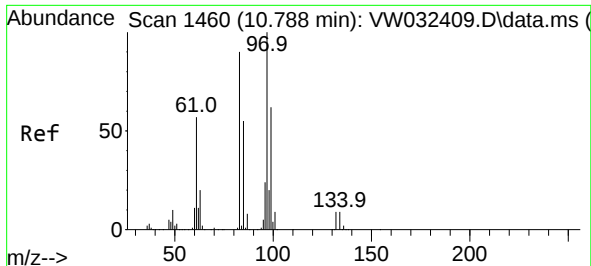
Tgt Ion: 75 Resp: 356144
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.816 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 75 Resp: 415469
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 48.9 40.7 61.1

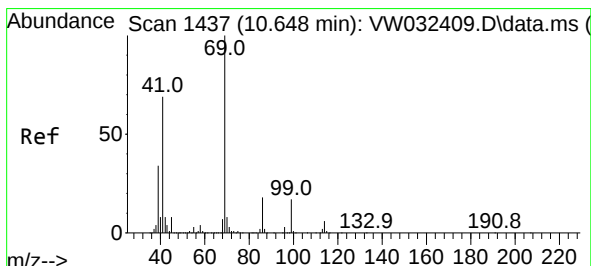
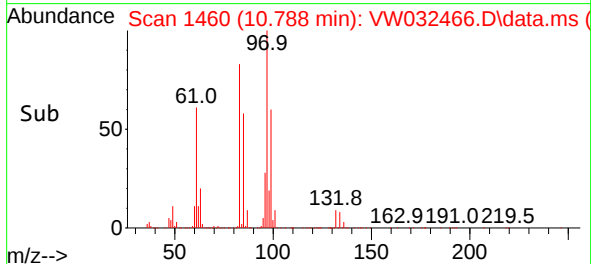
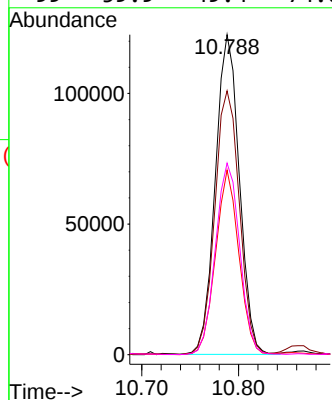
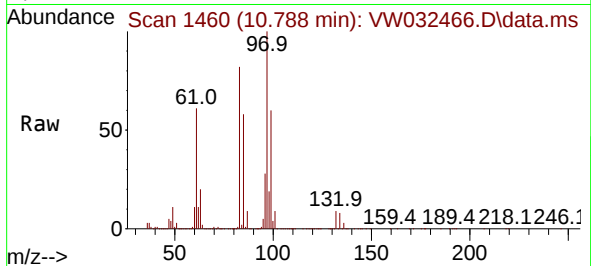




#55
1,1,2-Trichloroethane
Concen: 51.113 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

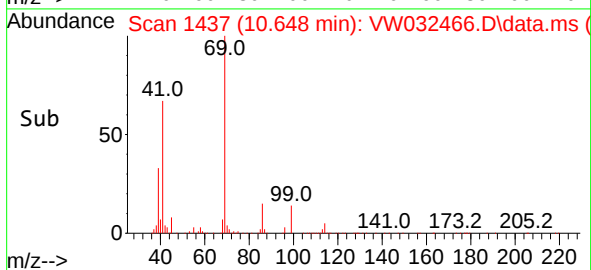
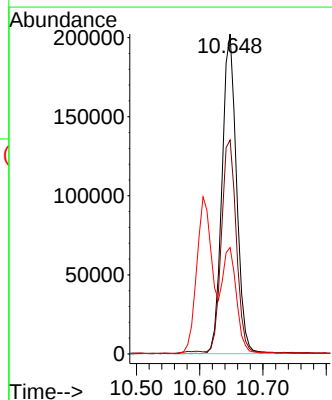
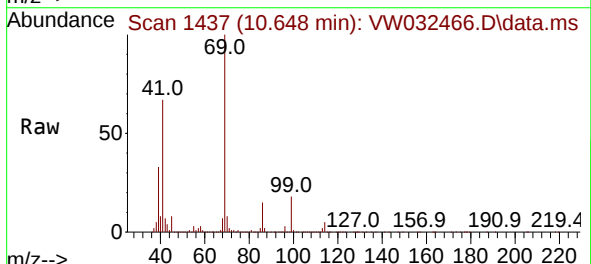
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	211018
Ion	Ratio	Lower	Upper
97	100		
83	82.4	72.2	108.4
85	57.7	43.8	65.8
99	59.9	49.4	74.0



#56
Ethyl methacrylate
Concen: 50.556 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:	69	Resp:	320247
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.4	81.6
39	31.4	25.4	38.0





#57

1,3-Dichloropropane

Concen: 51.099 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

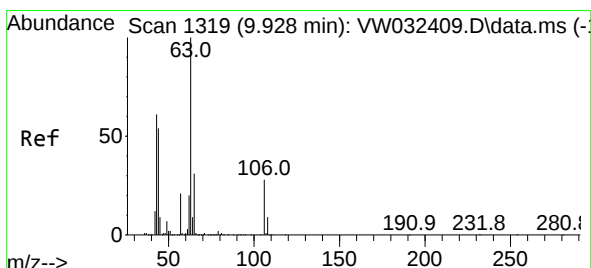
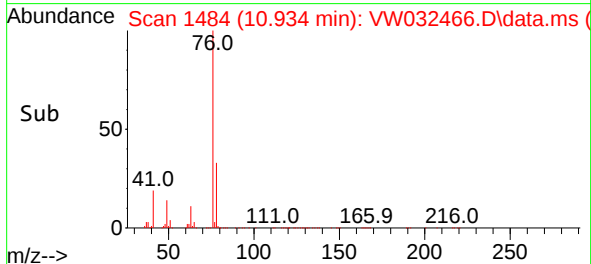
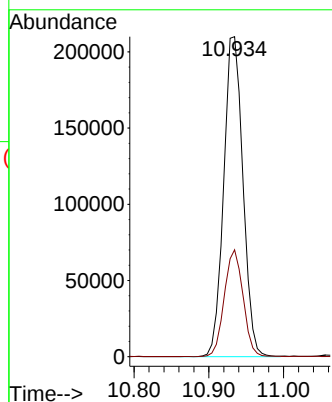
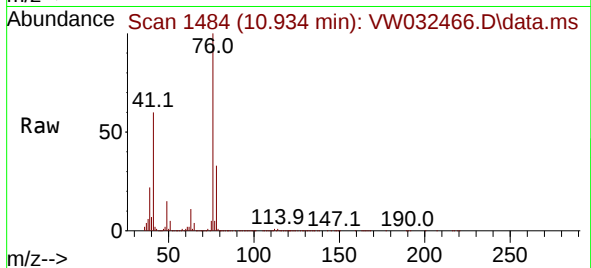
VSTDCCC050EC

Tgt Ion: 76 Resp: 376786

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.691 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032466.D

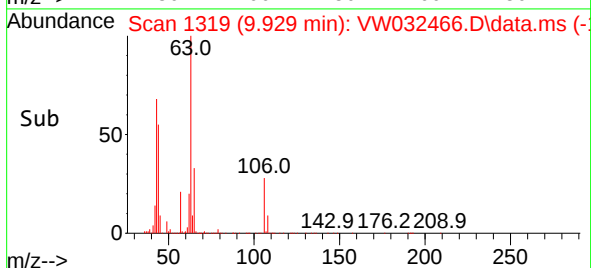
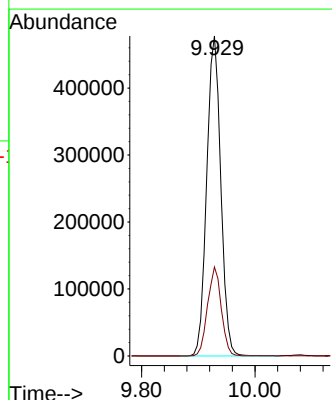
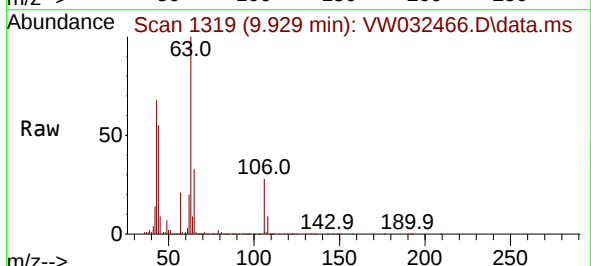
Acq: 17 Nov 2025 18:13

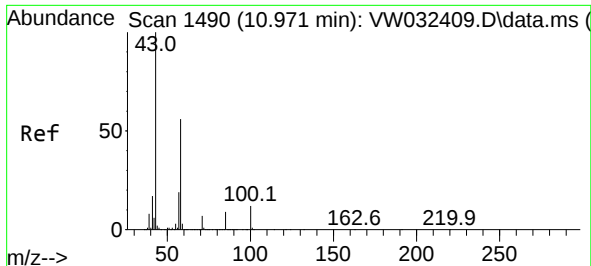
Tgt Ion: 63 Resp: 822068

Ion Ratio Lower Upper

63 100

106 27.2 22.0 33.0

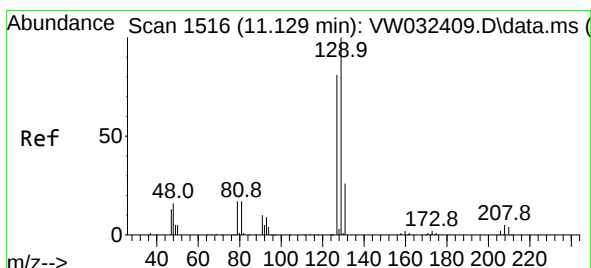
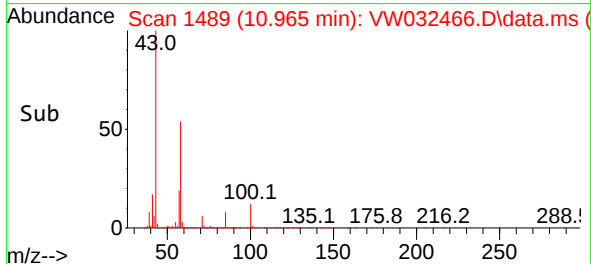
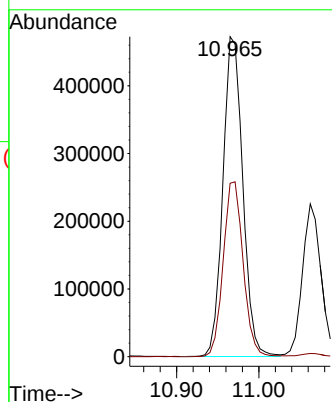
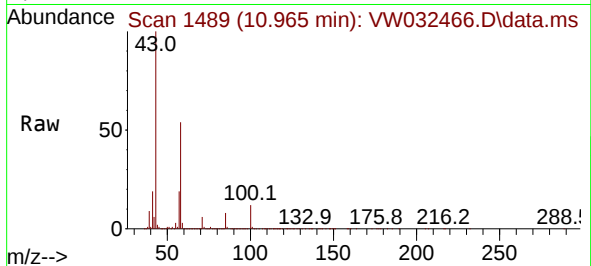




#59
2-Hexanone
Concen: 232.164 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

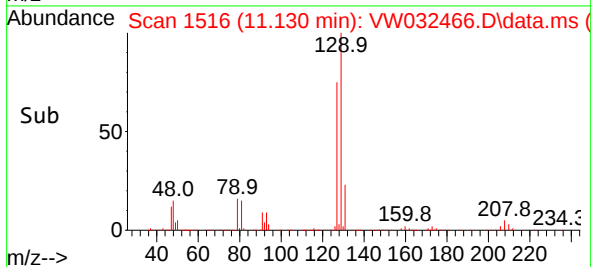
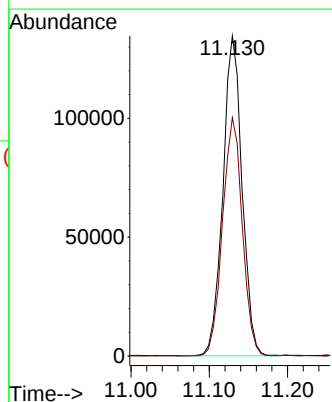
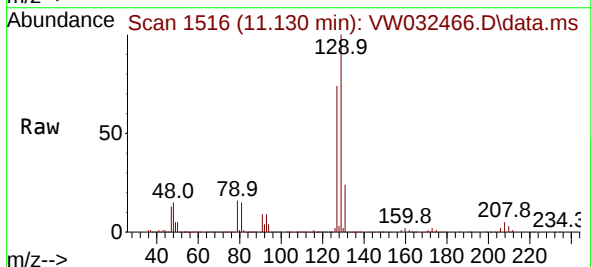
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

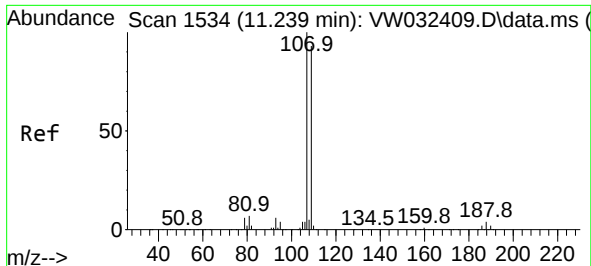
Tgt Ion: 43 Resp: 794053
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.2



#60
Dibromochloromethane
Concen: 49.661 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:129 Resp: 228954
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

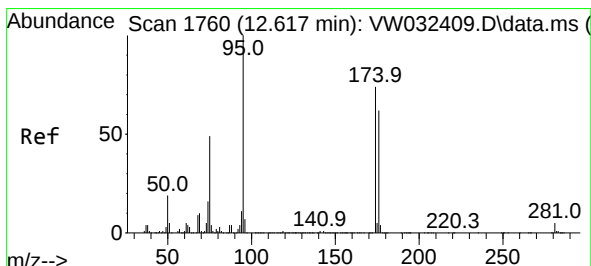
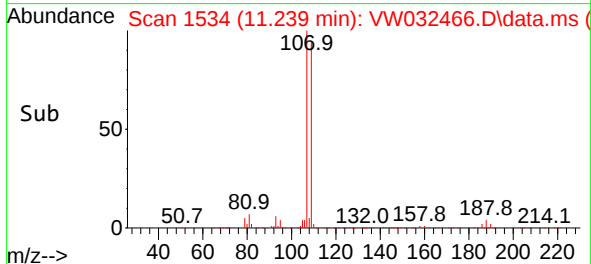
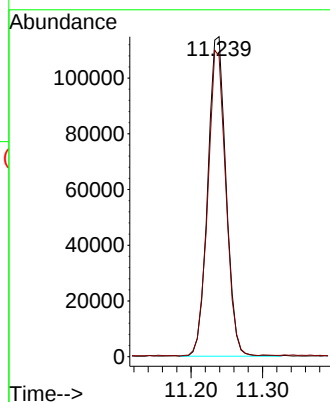
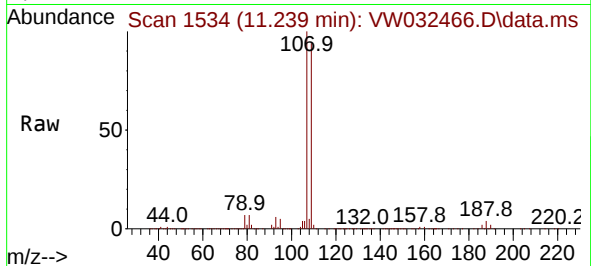




#61
1,2-Dibromoethane
Concen: 50.460 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

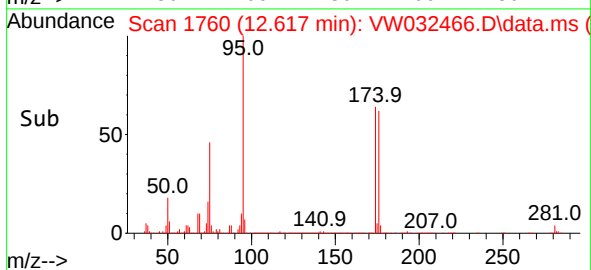
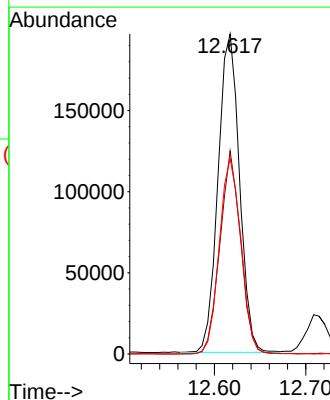
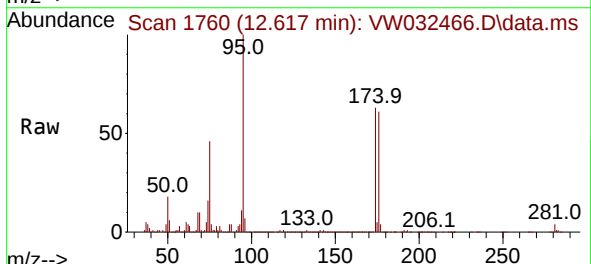
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

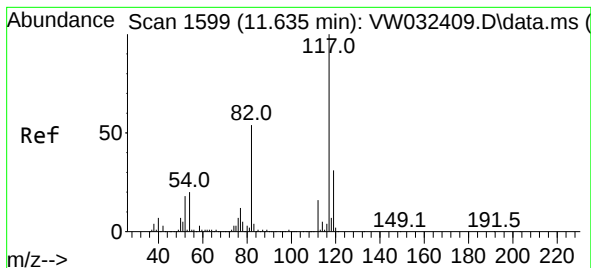
Tgt Ion:107 Resp: 202898
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.656 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 95 Resp: 319993
Ion Ratio Lower Upper
95 100
174 61.5 0.0 135.4
176 62.1 0.0 131.8

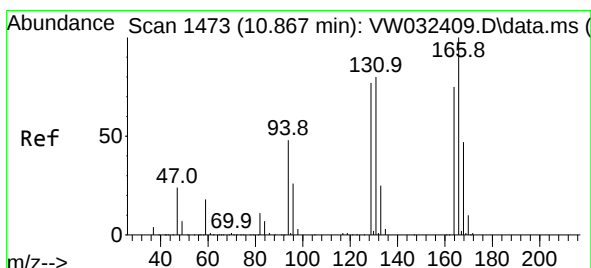
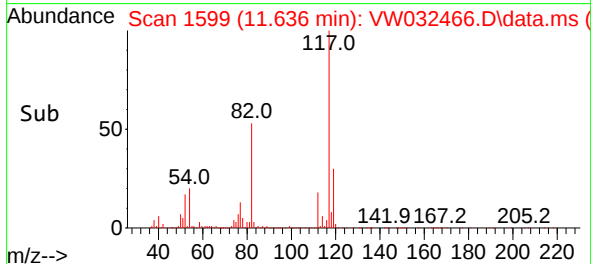
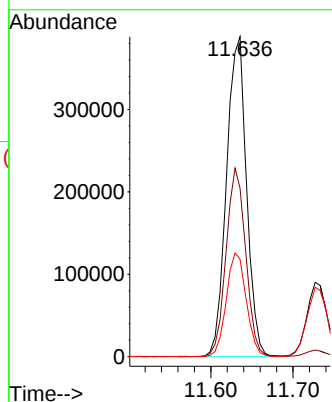
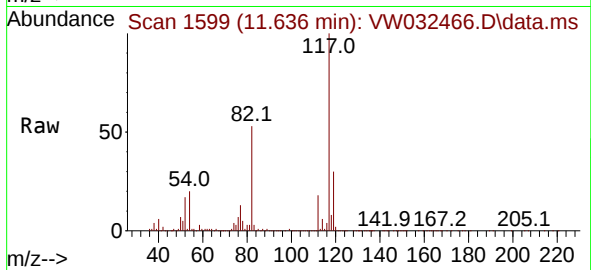




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

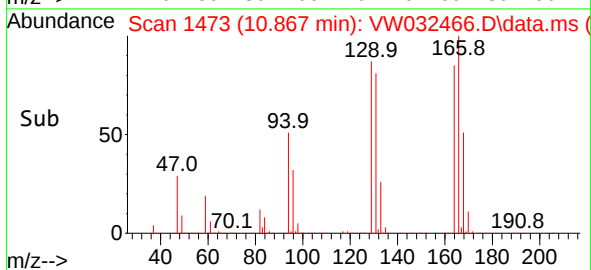
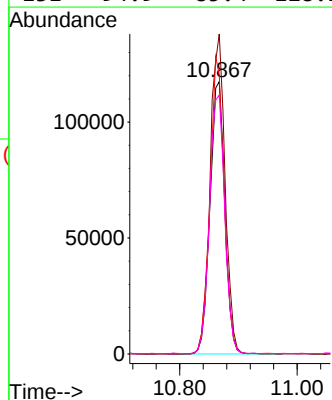
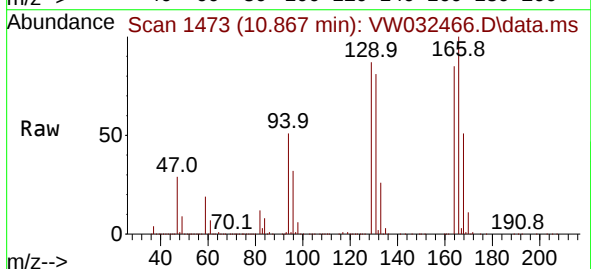
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 657820
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 30.4 25.0 37.6



#64
Tetrachloroethene
Concen: 52.736 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:164 Resp: 205433
Ion Ratio Lower Upper
164 100
166 117.5 107.0 160.4
129 102.3 82.9 124.3
131 94.9 85.4 128.2





#65

Chlorobenzene

Concen: 50.704 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

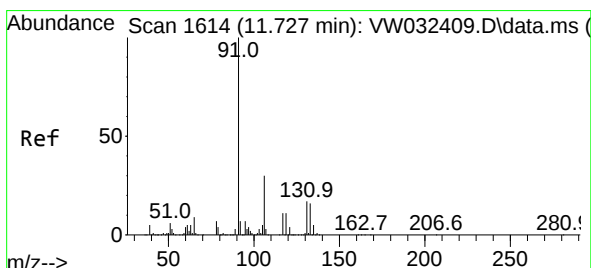
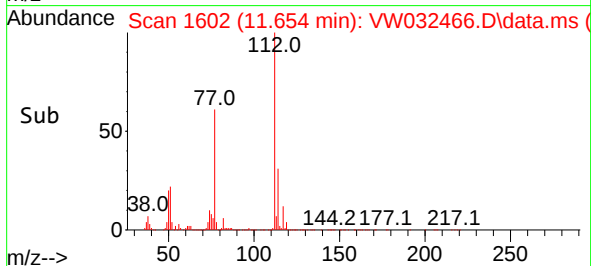
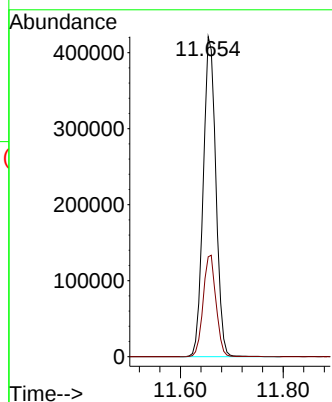
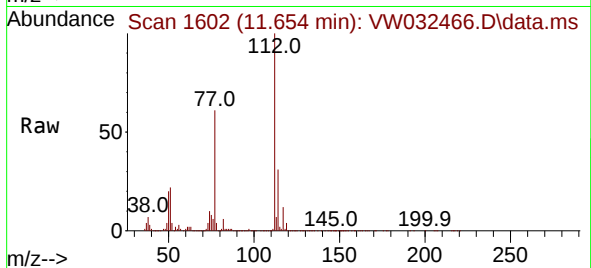
VSTDCCC050EC

Tgt Ion:112 Resp: 718893

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.684 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

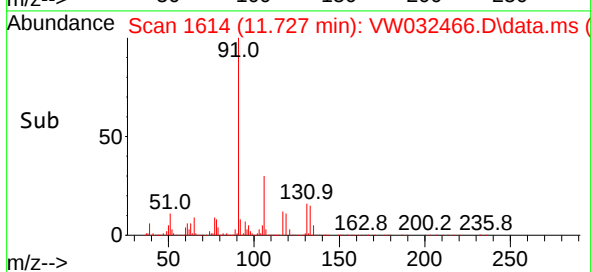
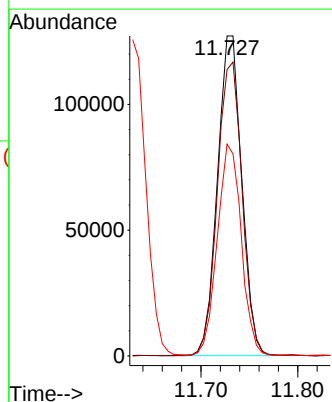
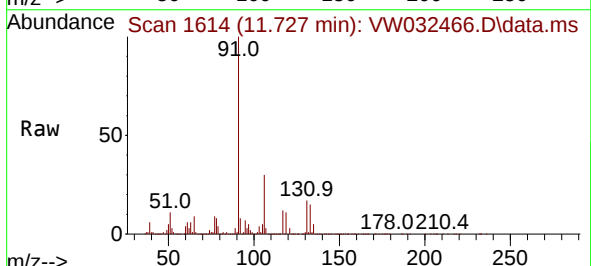
Tgt Ion:131 Resp: 222400

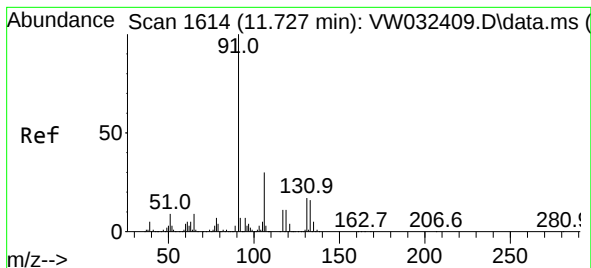
Ion Ratio Lower Upper

131 100

133 93.5 46.9 140.6

119 64.9 33.4 100.2

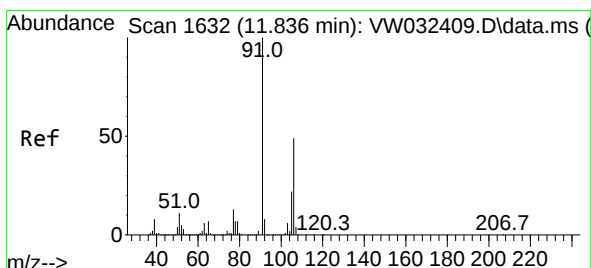
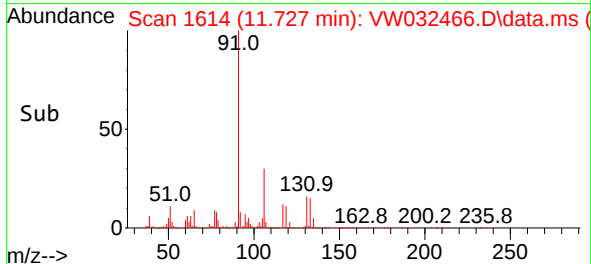
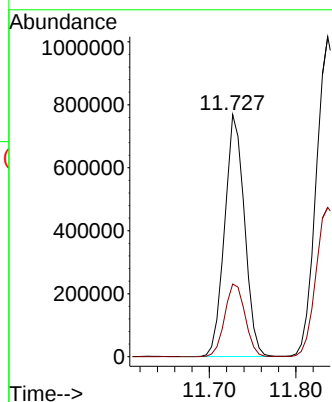
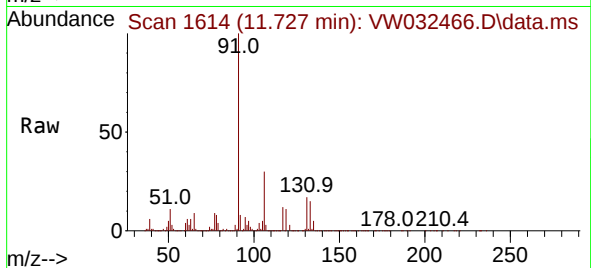




#67
Ethyl Benzene
Concen: 49.906 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

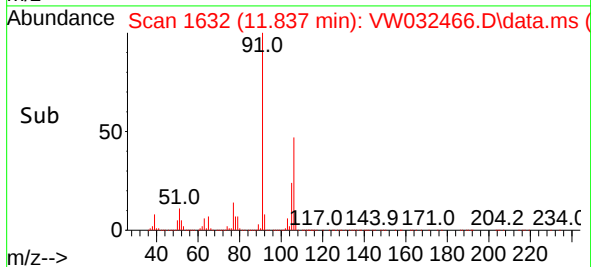
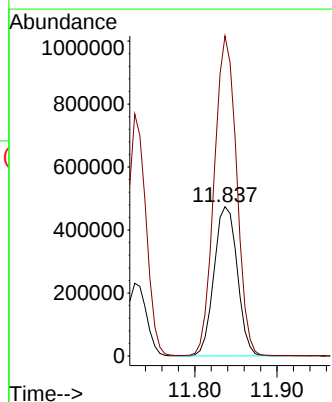
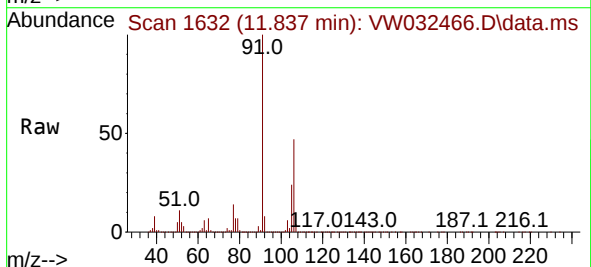
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

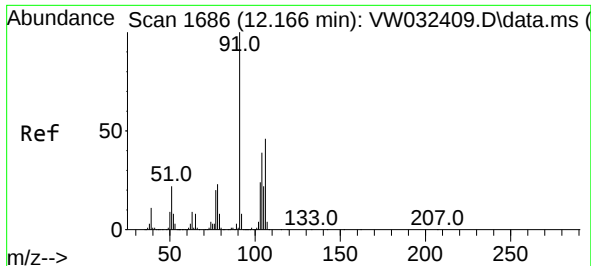
Tgt Ion: 91 Resp: 1224331
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2



#68
m/p-Xylenes
Concen: 100.970 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:106 Resp: 930041
Ion Ratio Lower Upper
106 100
91 206.9 165.5 248.3

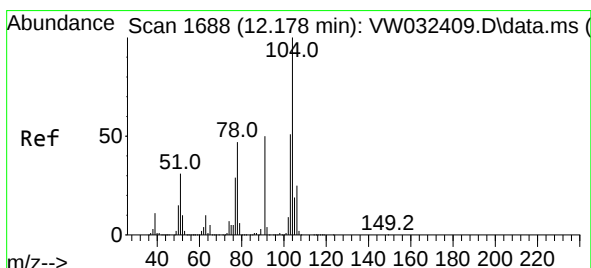
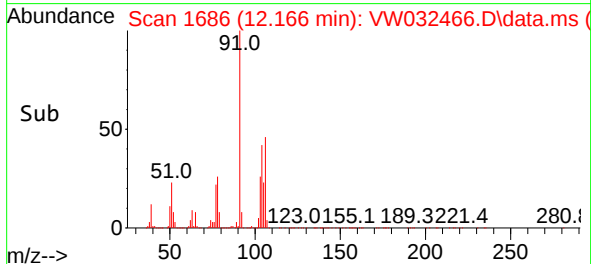
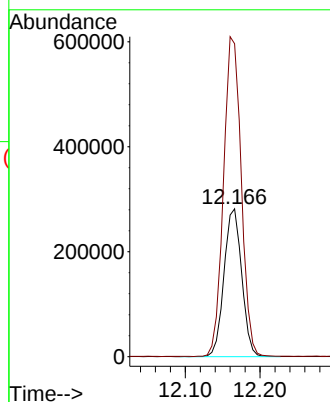
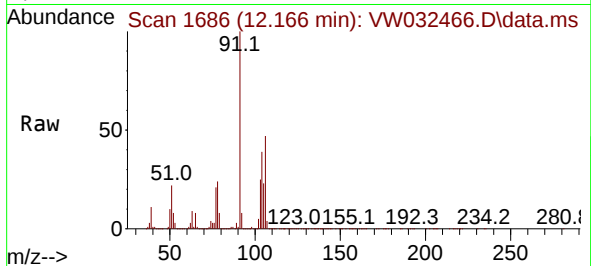




#69
o-Xylene
Concen: 52.483 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

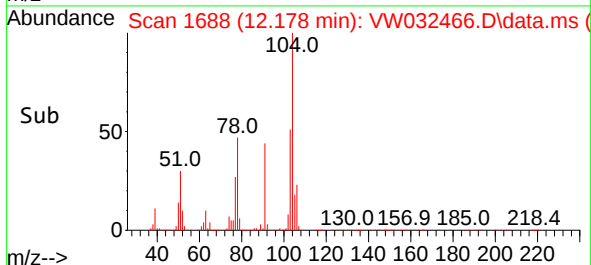
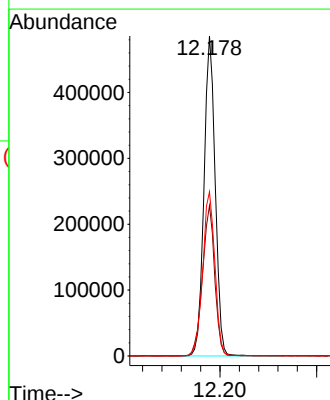
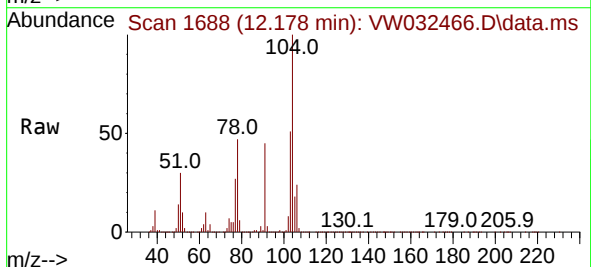
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

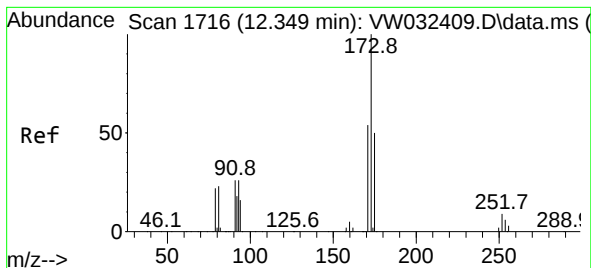
Tgt Ion:106 Resp: 462874
Ion Ratio Lower Upper
106 100
91 217.2 109.3 327.8



#70
Styrene
Concen: 51.526 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion:104 Resp: 781731
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 55.8 43.9 65.9





#71

Bromoform

Concen: 46.472 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

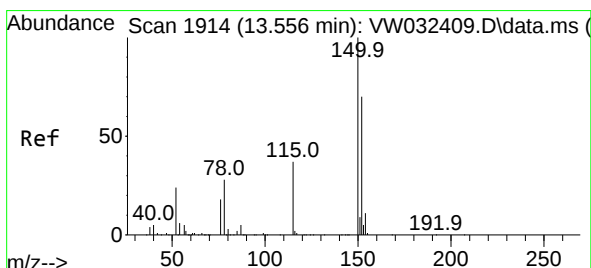
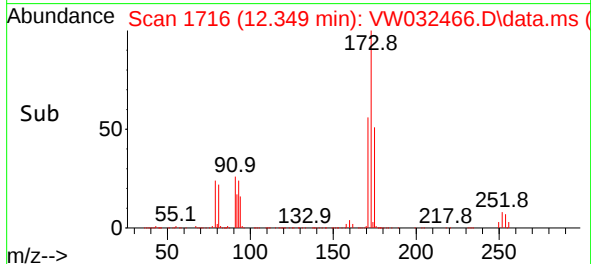
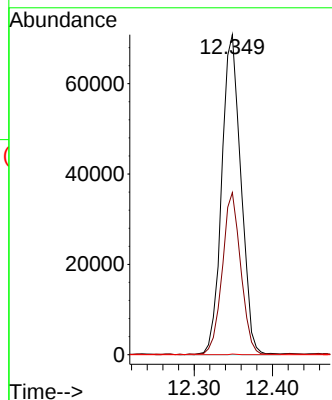
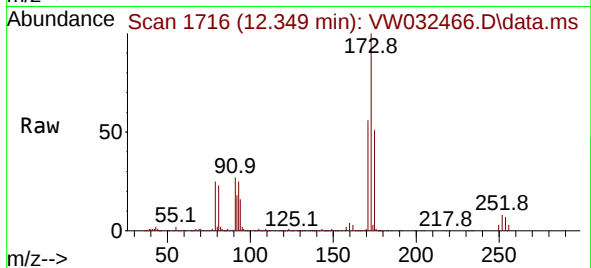
Tgt Ion:173 Resp: 120780

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

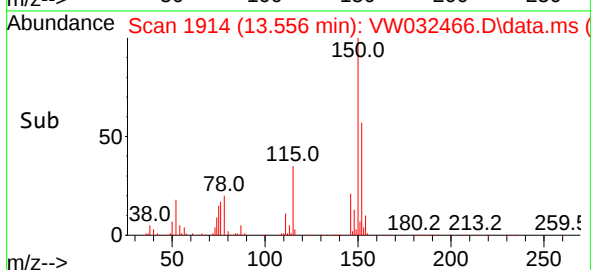
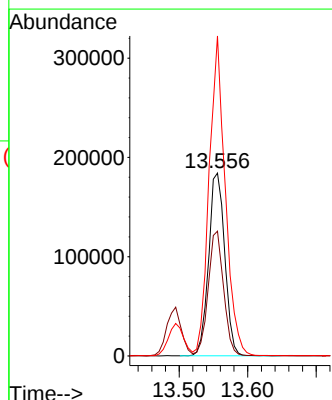
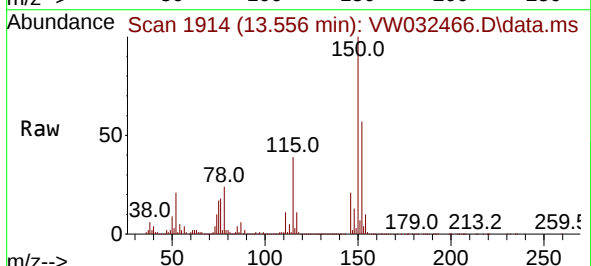
Tgt Ion:152 Resp: 301057

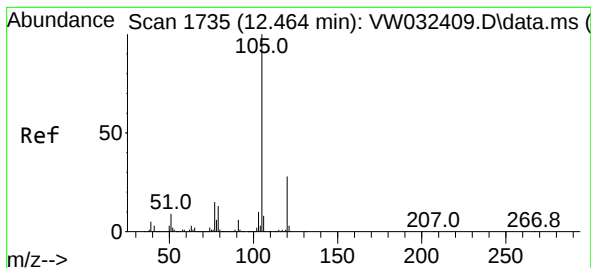
Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 174.9 0.0 356.6





#73

Isopropylbenzene

Concen: 50.705 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

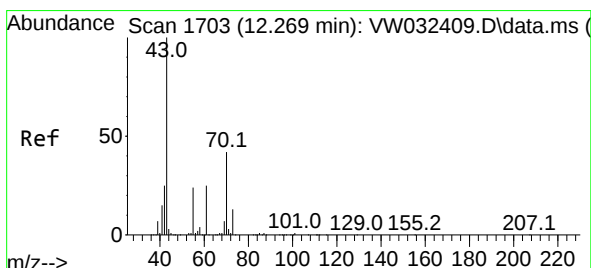
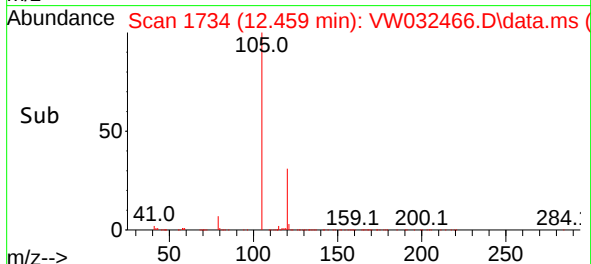
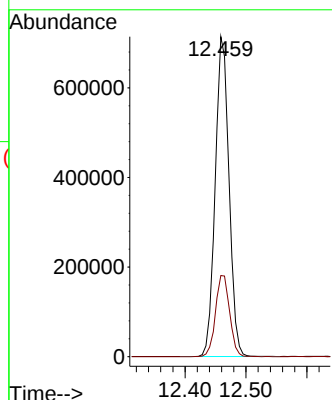
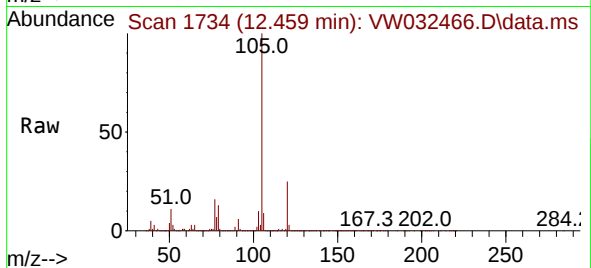
VSTDCCC050EC

Tgt Ion:105 Resp: 1121127

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 48.679 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Tgt Ion: 43 Resp: 374015

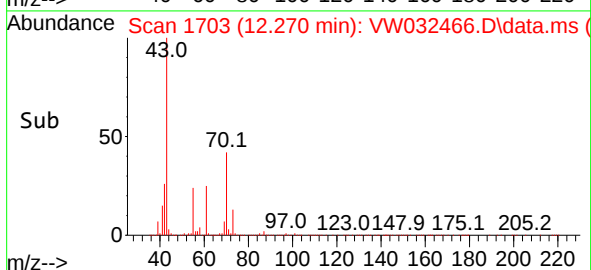
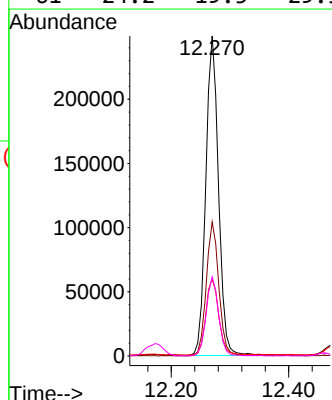
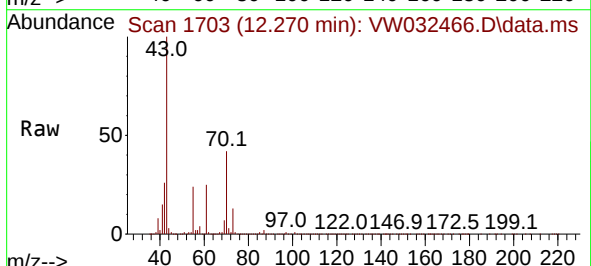
Ion Ratio Lower Upper

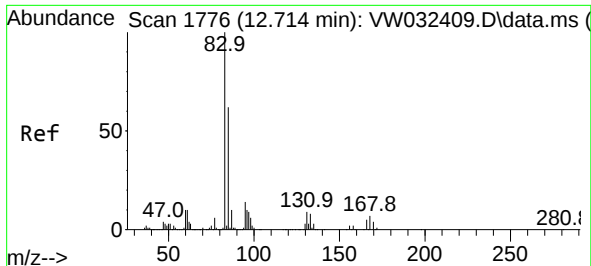
43 100

70 41.5 33.5 50.3

55 24.3 19.3 28.9

61 24.2 19.5 29.3

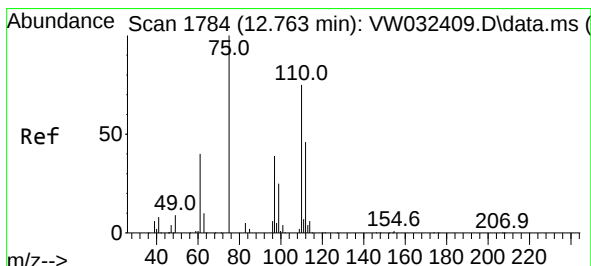
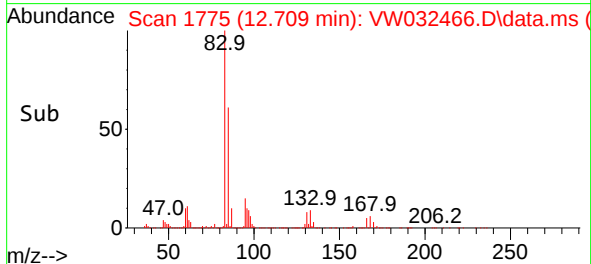
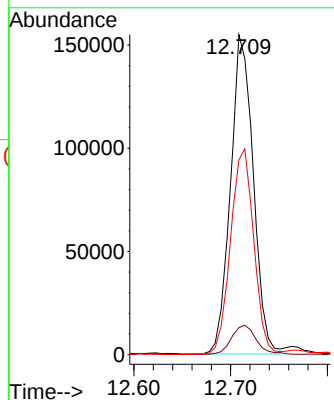
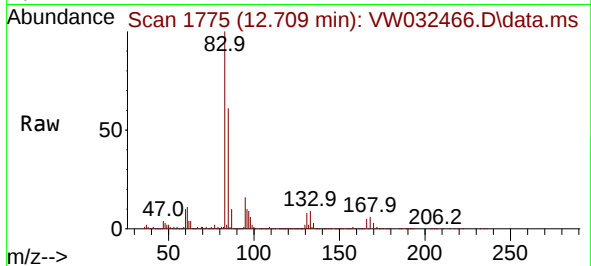




#75
1,1,2,2-Tetrachloroethane
Concen: 48.140 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

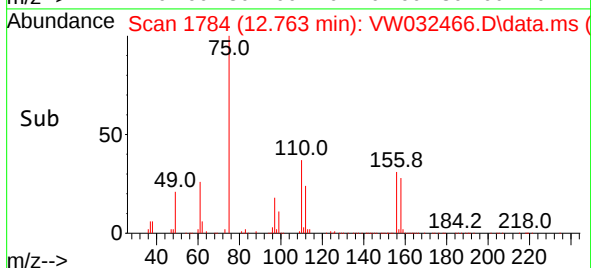
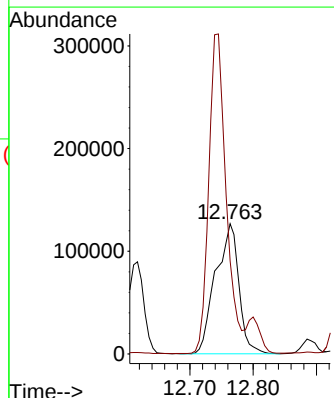
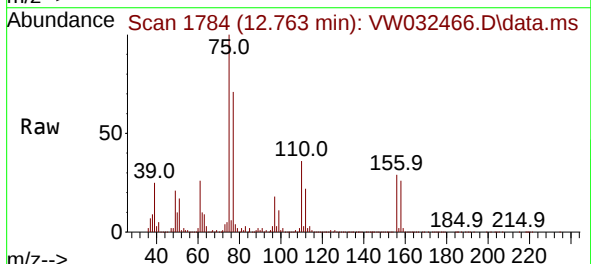
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

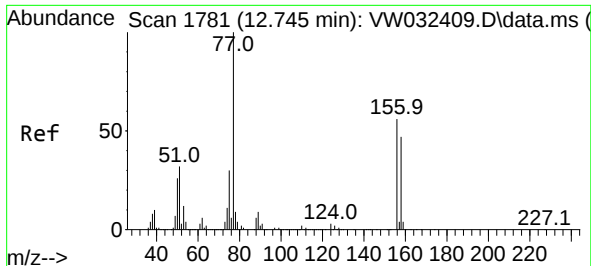
Tgt Ion: 83 Resp: 252611
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.9 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 78.267 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 75 Resp: 323086
Ion Ratio Lower Upper
75 100
77 183.3 151.6 454.8

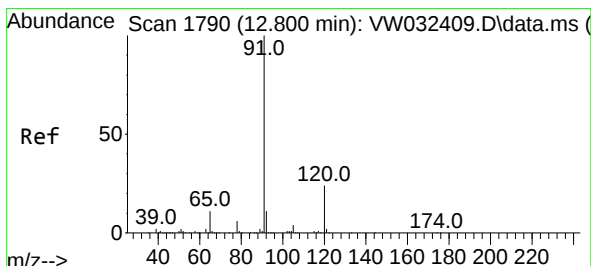
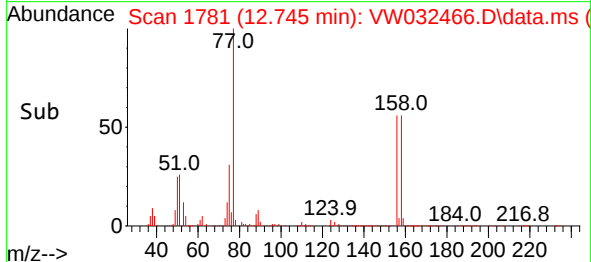
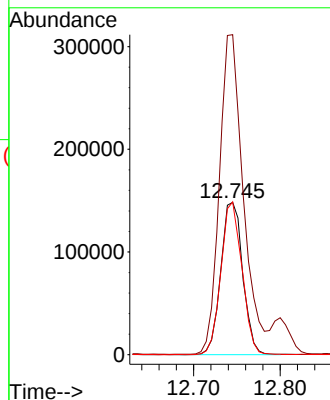
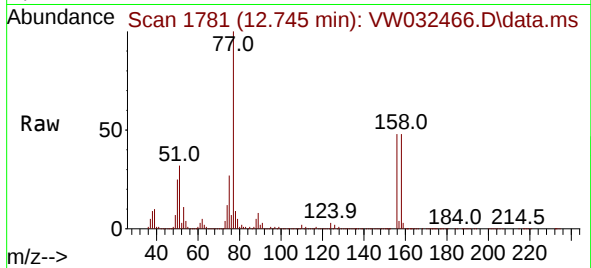




#77
Bromobenzene
Concen: 49.777 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

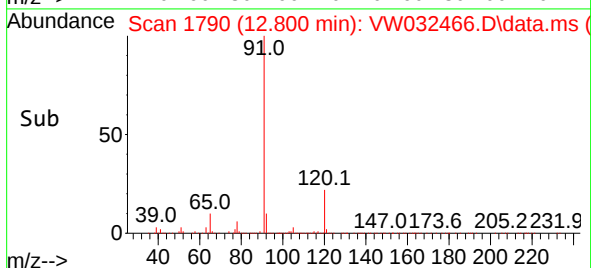
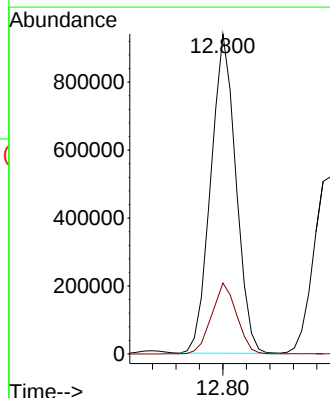
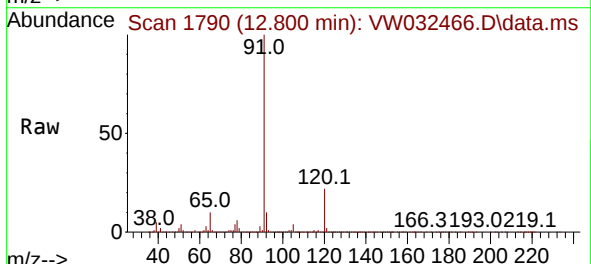
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

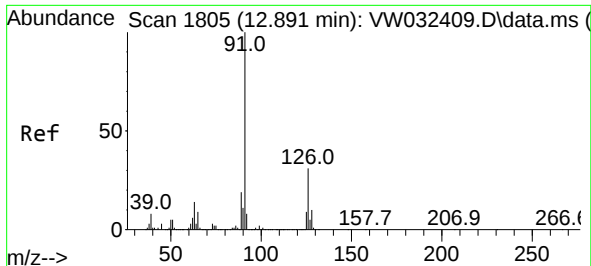
Tgt Ion:156 Resp: 260586
Ion Ratio Lower Upper
156 100
77 227.3 108.0 324.0
158 96.5 45.1 135.5



#78
n-propylbenzene
Concen: 51.795 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 91 Resp: 1394666
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9

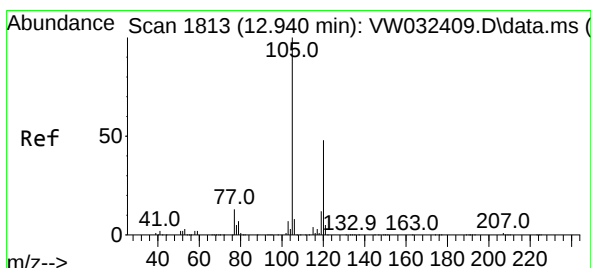
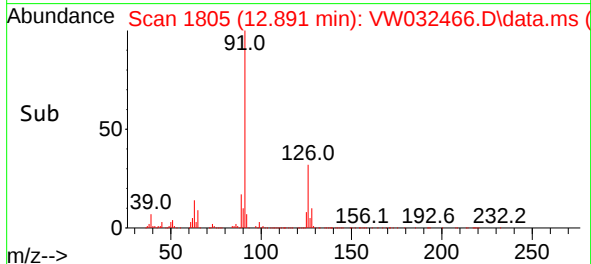
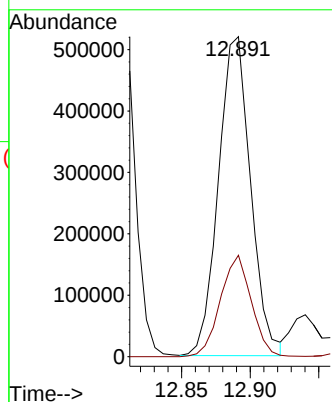
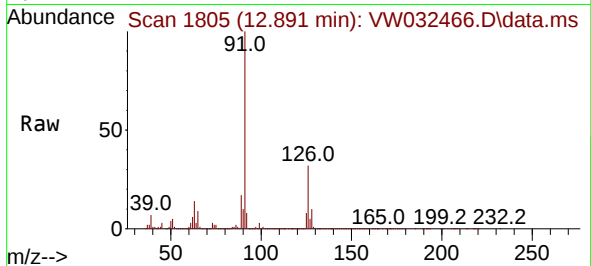




#79
2-Chlorotoluene
Concen: 51.709 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

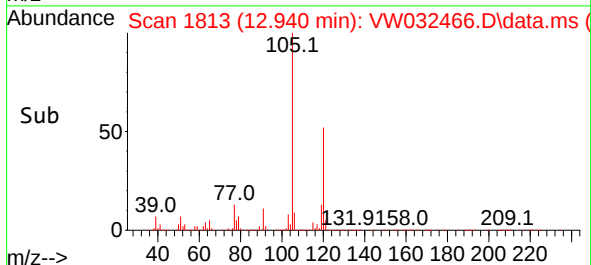
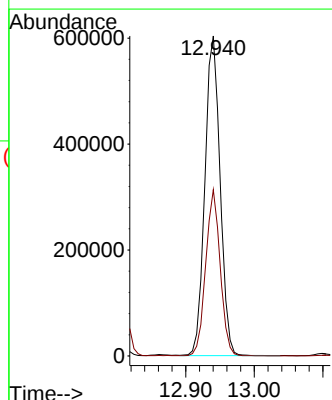
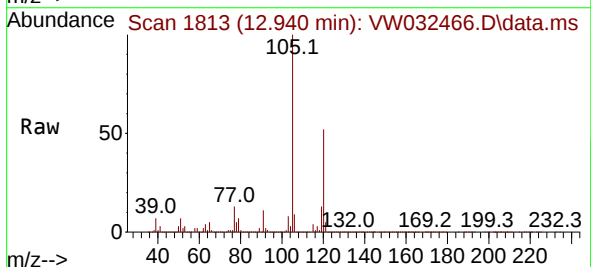
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

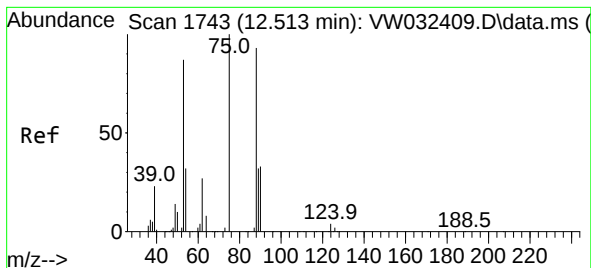
Tgt Ion: 91 Resp: 849961
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 51.181 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 105 Resp: 933604
Ion Ratio Lower Upper
105 100
120 49.3 24.2 72.6

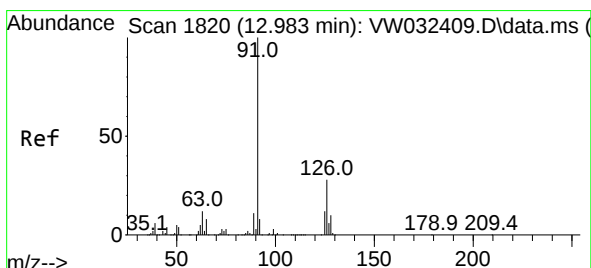
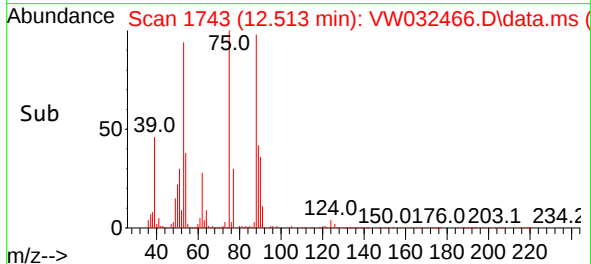
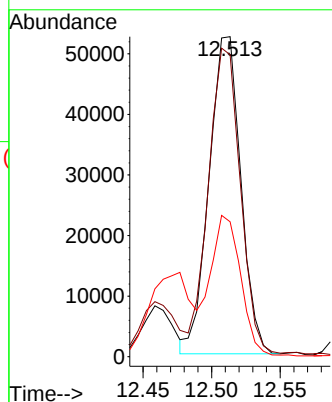
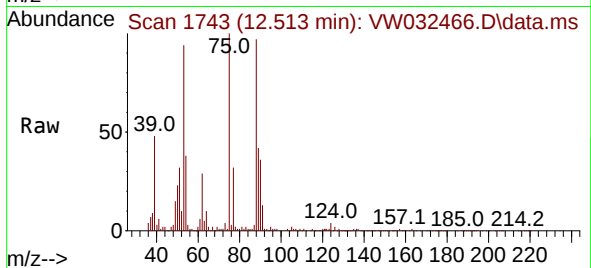




#81
trans-1,4-Dichloro-2-butene
Concen: 46.781 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

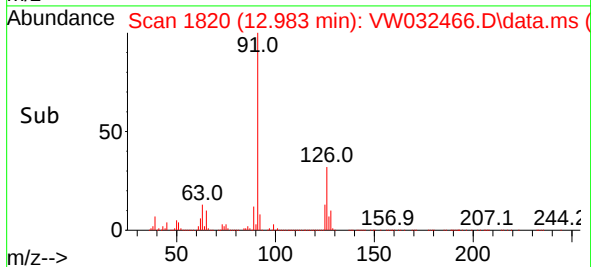
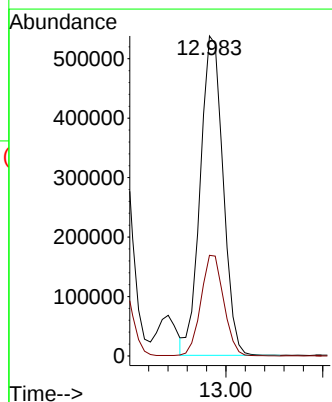
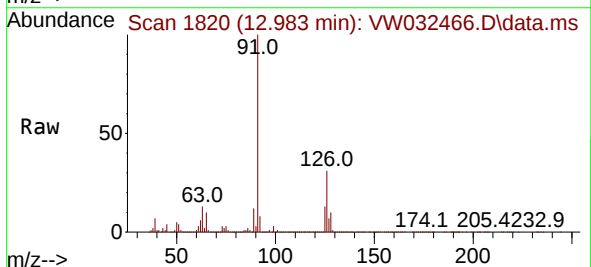
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

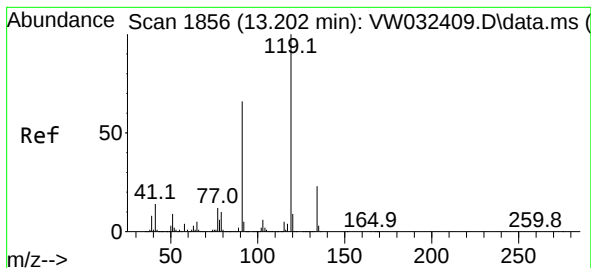
Tgt Ion: 75 Resp: 84312
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 42.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.518 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032466.D
Acq: 17 Nov 2025 18:13

Tgt Ion: 91 Resp: 880775
Ion Ratio Lower Upper
91 100
126 31.5 15.5 46.5

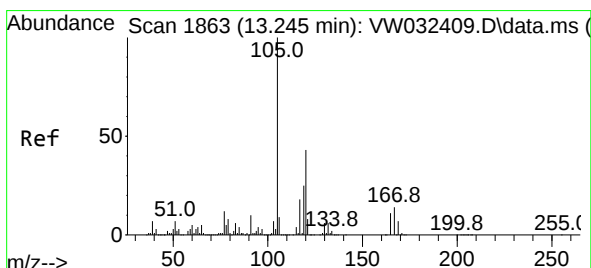
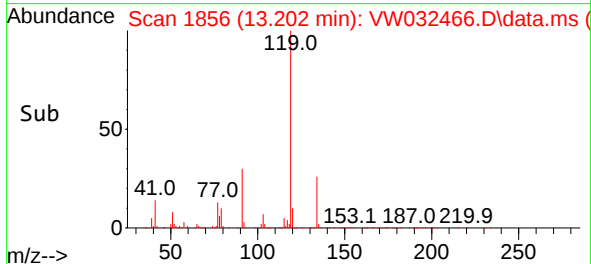
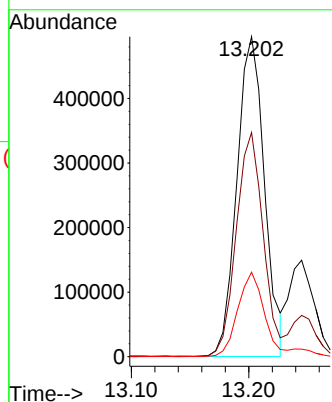
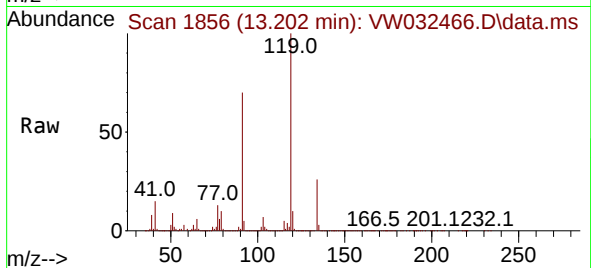




#83
 tert-Butylbenzene
 Concen: 50.858 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

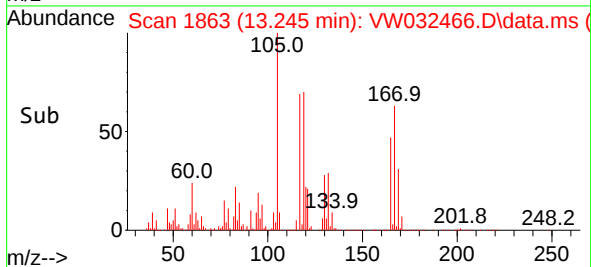
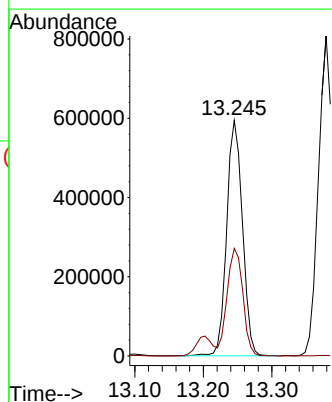
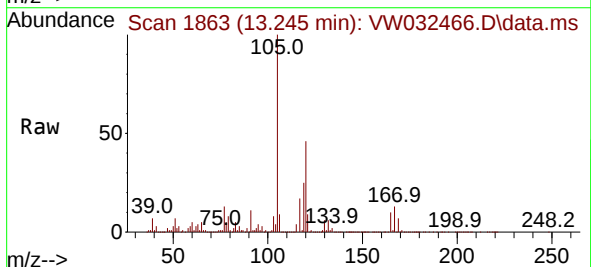
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

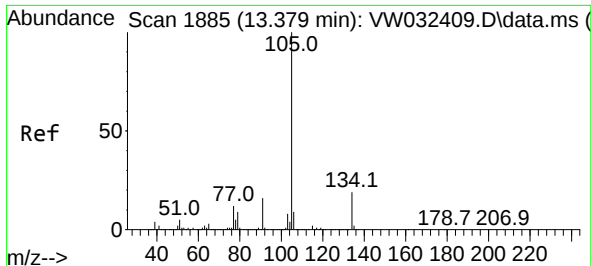
Tgt Ion:119 Resp: 807014
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.3 99.9
 134 25.2 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.953 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion:105 Resp: 945345
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.5

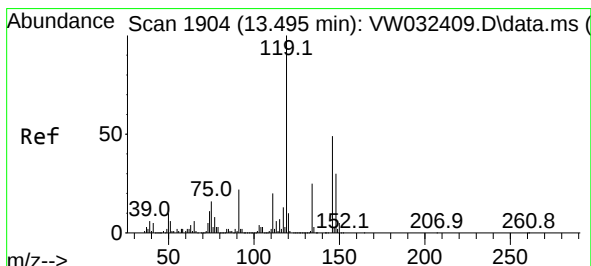
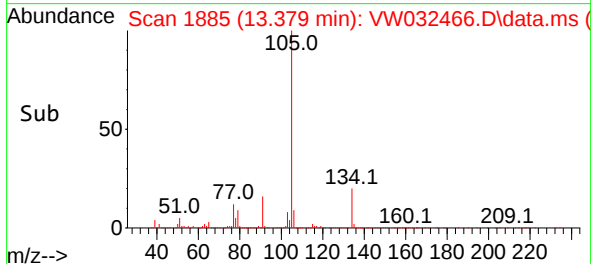
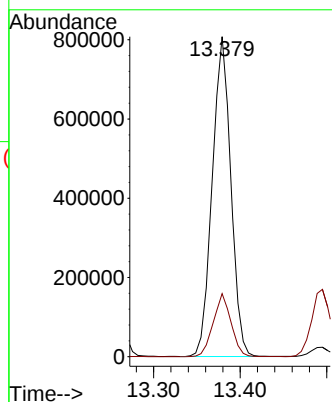
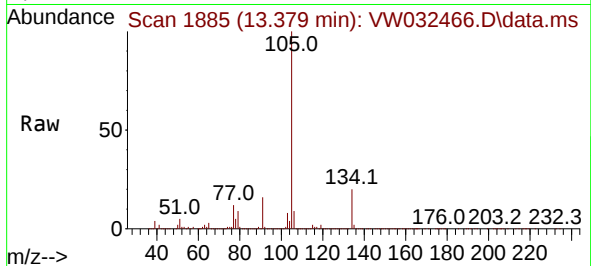




#85
 sec-Butylbenzene
 Concen: 50.894 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

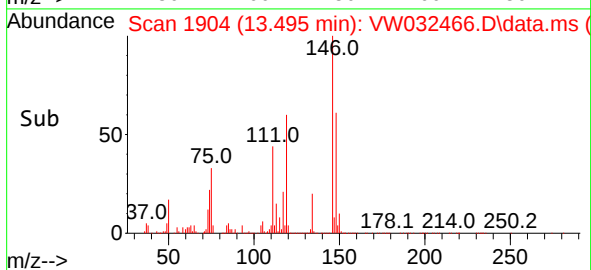
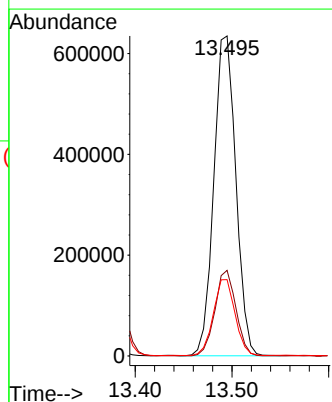
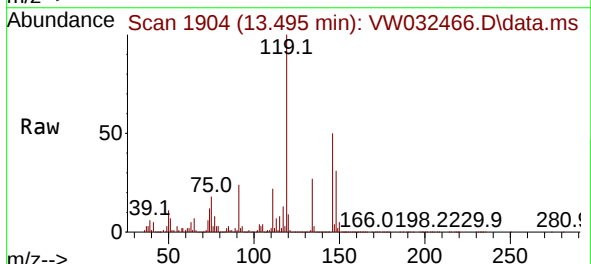
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

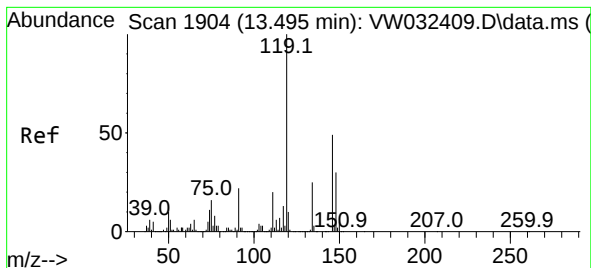
Tgt Ion:105 Resp: 1202742
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.323 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032466.D
 Acq: 17 Nov 2025 18:13

Tgt Ion:119 Resp: 1001441
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.392 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

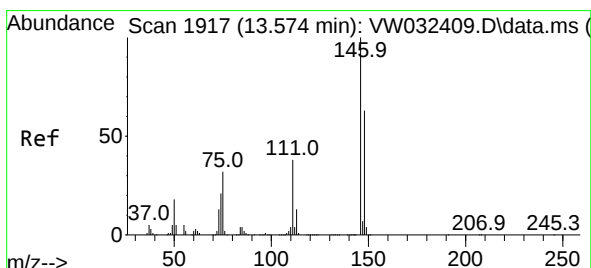
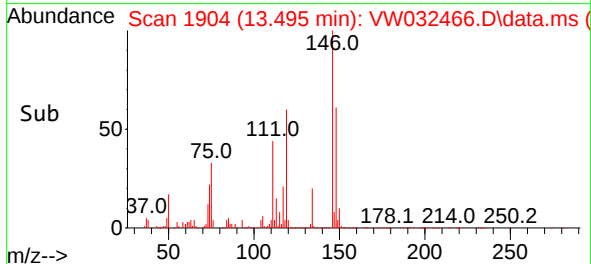
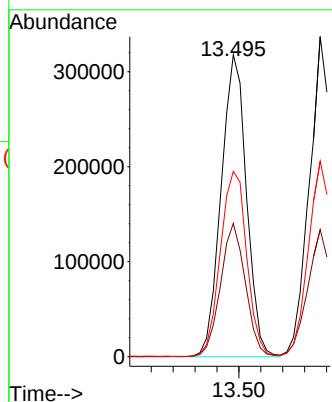
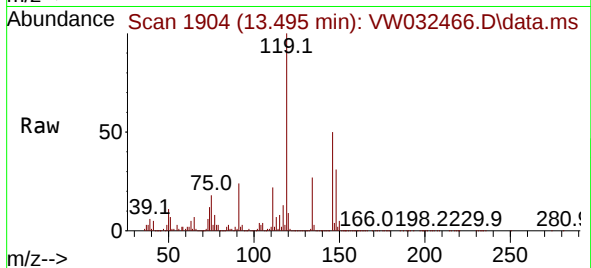
Tgt Ion:146 Resp: 510094

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

148 63.8 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 49.876 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

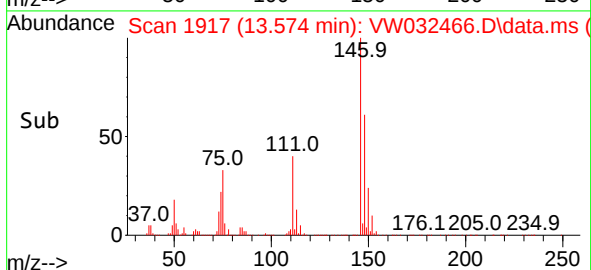
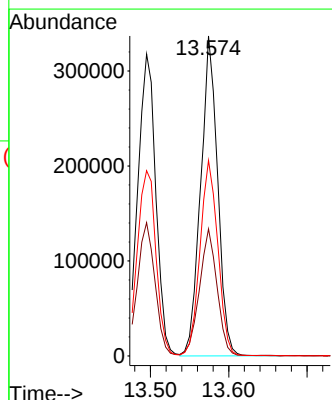
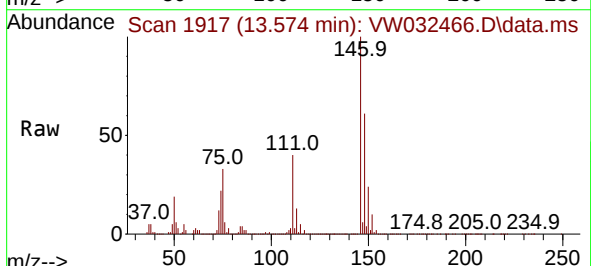
Tgt Ion:146 Resp: 507173

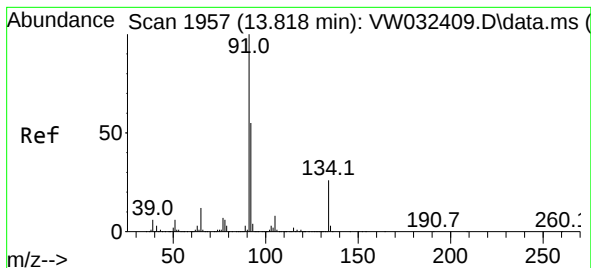
Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

148 64.0 31.2 93.6





#89

n-Butylbenzene

Concen: 51.755 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

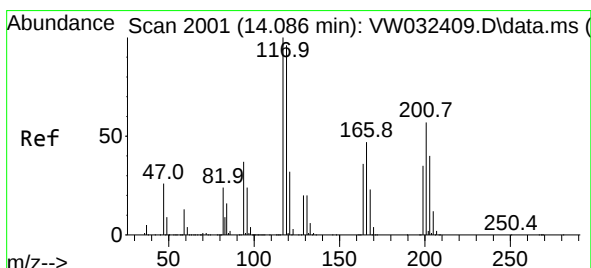
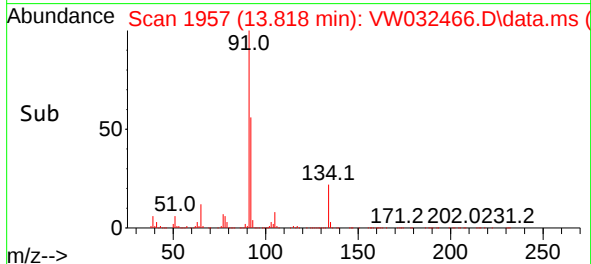
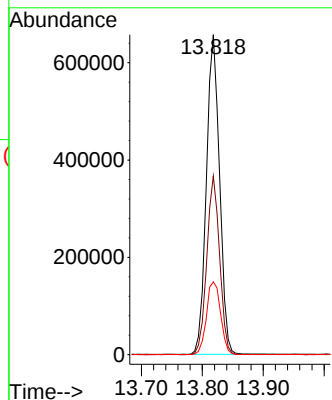
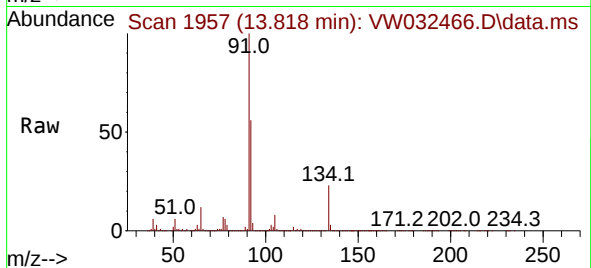
Tgt Ion: 91 Resp: 986602

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.2

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 48.319 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032466.D

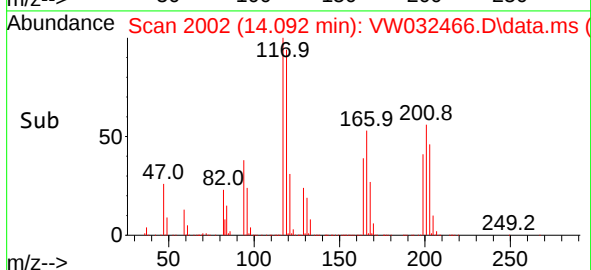
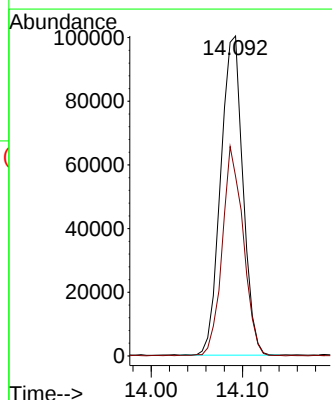
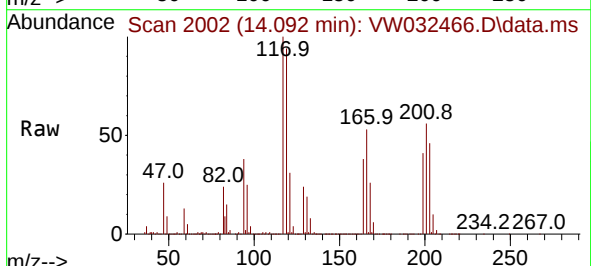
Acq: 17 Nov 2025 18:13

Tgt Ion: 117 Resp: 169991

Ion Ratio Lower Upper

117 100

201 61.8 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 51.661 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

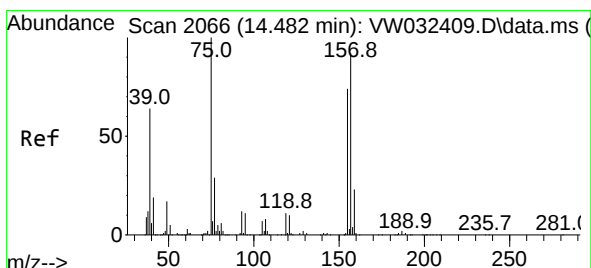
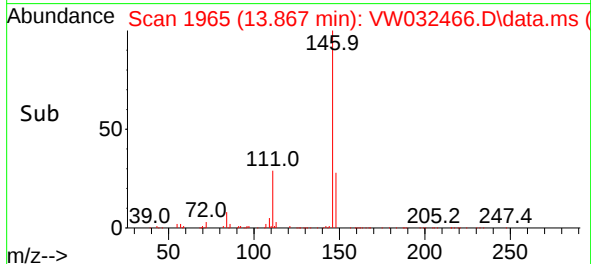
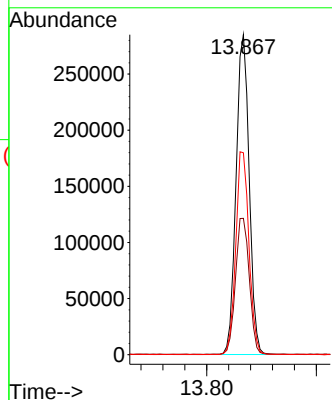
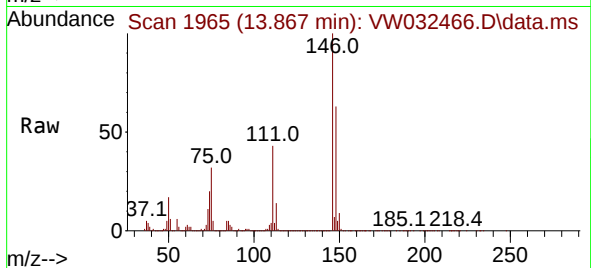
Tgt Ion:146 Resp: 470709

Ion Ratio Lower Upper

146 100

111 44.7 23.4 70.2

148 63.8 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.285 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

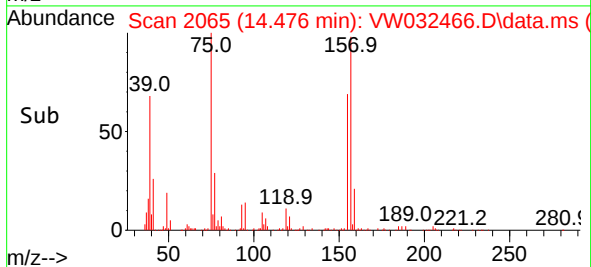
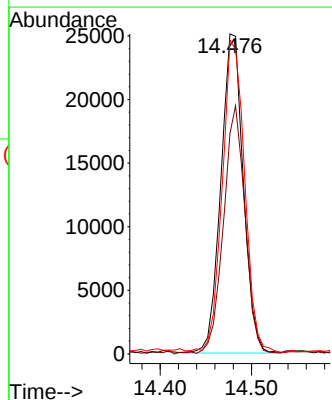
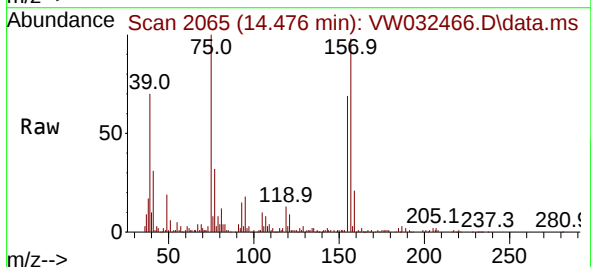
Tgt Ion: 75 Resp: 42744

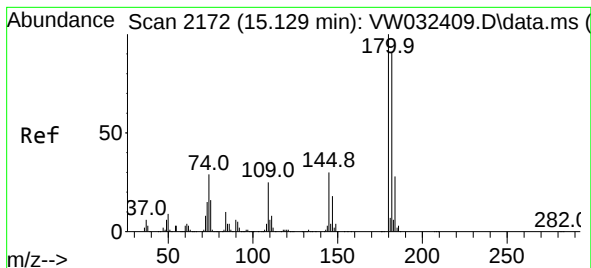
Ion Ratio Lower Upper

75 100

155 73.7 36.2 108.6

157 97.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.682 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

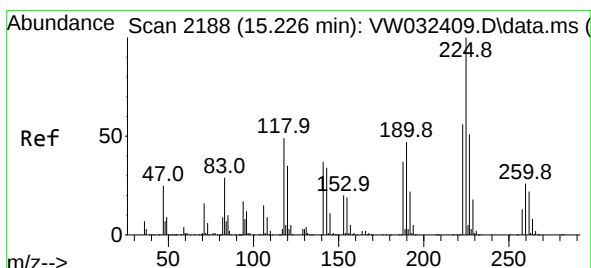
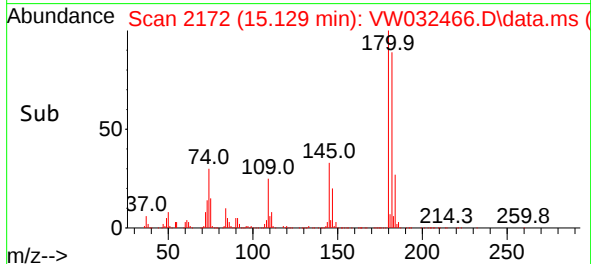
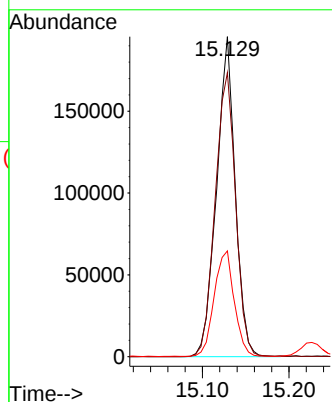
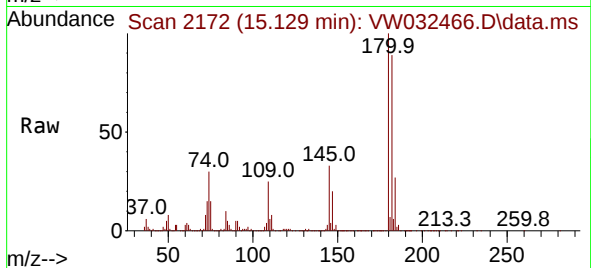
Tgt Ion:180 Resp: 293864

Ion Ratio Lower Upper

180 100

182 96.7 45.3 135.9

145 35.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 52.738 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

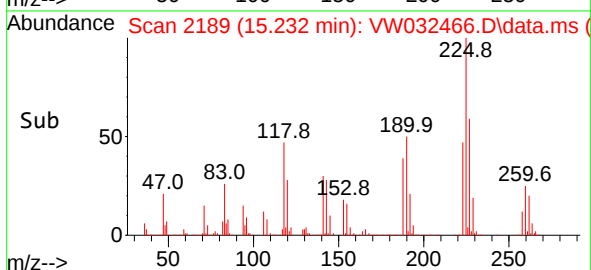
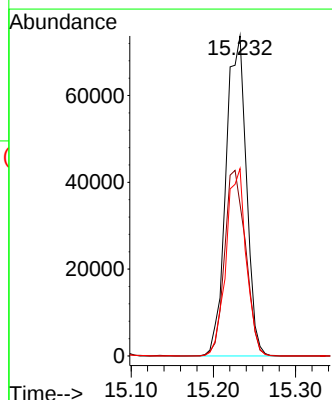
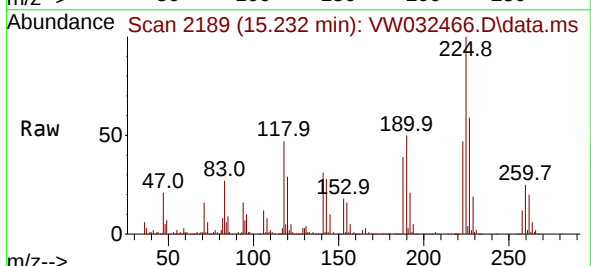
Tgt Ion:225 Resp: 127022

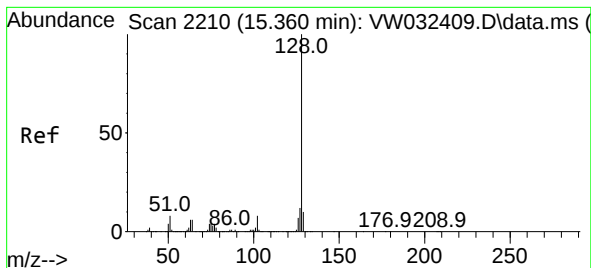
Ion Ratio Lower Upper

225 100

223 60.0 30.6 91.8

227 57.7 29.8 89.4





#95

Naphthalene

Concen: 50.214 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

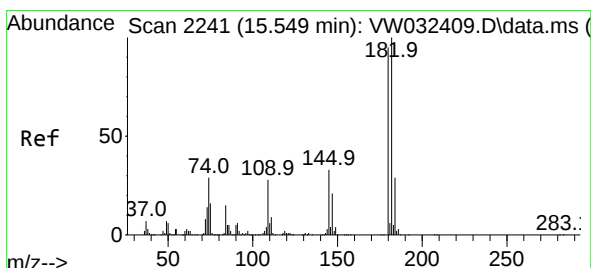
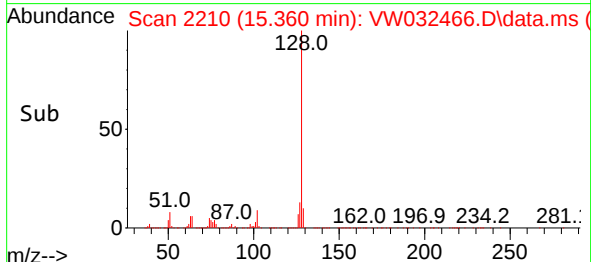
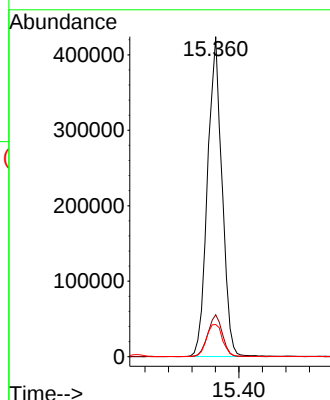
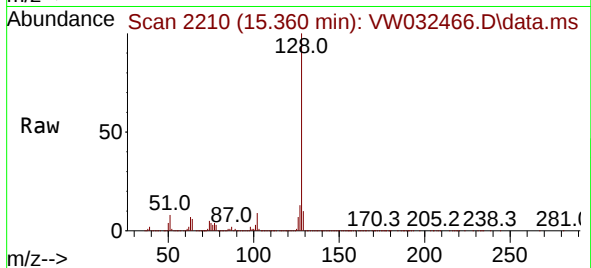
Tgt Ion:128 Resp: 726051

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.295 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032466.D

Acq: 17 Nov 2025 18:13

Tgt Ion:180 Resp: 270020

Ion Ratio Lower Upper

180 100

182 94.7 50.3 151.0

145 35.7 17.8 53.3

