

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031745.D
 Acq On : 01 Jul 2025 13:18
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 02 04:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	222365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	159201	49.888	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.780%
35) Dibromofluoromethane	7.898	113	130963	51.208	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.420%
50) Toluene-d8	10.325	98	498041	52.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.617	95	182098	51.992	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	73272	48.384	ug/l	96
3) Chloromethane	2.253	50	86307	47.272	ug/l	99
4) Vinyl Chloride	2.405	62	119120	49.639	ug/l	95
5) Bromomethane	2.820	94	87306	46.579	ug/l	99
6) Chloroethane	2.966	64	78981	48.453	ug/l	95
7) Trichlorofluoromethane	3.302	101	94820	43.508	ug/l	95
8) Diethyl Ether	3.716	74	77938	47.063	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.094	101	116172	48.025	ug/l	99
10) Methyl Iodide	4.308	142	180494	48.400	ug/l	99
11) Tert butyl alcohol	5.204	59	46376	234.573	ug/l	99
12) 1,1-Dichloroethene	4.076	96	128620	48.543	ug/l	99
13) Acrolein	3.930	56	76957	216.574	ug/l	94
14) Allyl chloride	4.704	41	203015	49.938	ug/l	100
15) Acrylonitrile	5.399	53	196360	241.120	ug/l	99
16) Acetone	4.155	43	165935	210.373	ug/l	96
17) Carbon Disulfide	4.417	76	340098	47.968	ug/l	96
18) Methyl Acetate	4.704	43	109253	48.465	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	230571	51.270	ug/l	98
20) Methylene Chloride	4.948	84	150350	47.531	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	140190	49.794	ug/l	97
22) Diisopropyl ether	6.338	45	406461	51.265	ug/l	98
23) Vinyl Acetate	6.283	43	1394785	257.550	ug/l	99
24) 1,1-Dichloroethane	6.240	63	256290	49.859	ug/l	100
25) 2-Butanone	7.191	43	255493	248.980	ug/l	97
26) 2,2-Dichloropropane	7.185	77	145785	48.609	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	164241	50.750	ug/l	99
28) Bromochloromethane	7.526	49	119638	52.742	ug/l	99
29) Tetrahydrofuran	7.551	42	173191	246.450	ug/l	100
30) Chloroform	7.691	83	271707	49.745	ug/l	98
31) Cyclohexane	7.965	56	213368	46.958	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	211344	50.209	ug/l	99
36) 1,1-Dichloropropene	8.093	75	187382	50.633	ug/l	100
37) Ethyl Acetate	7.270	43	119442	51.163	ug/l	97
38) Carbon Tetrachloride	8.081	117	192707	51.099	ug/l	99
39) Methylcyclohexane	9.343	83	235370	51.118	ug/l	98
40) Benzene	8.331	78	562763	51.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	69482	55.559	ug/l	98
42) 1,2-Dichloroethane	8.410	62	190196	51.409	ug/l	100
43) Isopropyl Acetate	8.435	43	208140	51.721	ug/l	99
44) Trichloroethene	9.099	130	136049	49.783	ug/l	99
45) 1,2-Dichloropropane	9.374	63	134197	50.712	ug/l	96
46) Dibromomethane	9.465	93	86818	50.816	ug/l	98
47) Bromodichloromethane	9.648	83	208387	52.015	ug/l	99
48) Methyl methacrylate	9.441	41	101063	51.074	ug/l	99
49) 1,4-Dioxane	9.459	88	19557	977.382	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	591843	255.812	ug/l	100
52) Toluene	10.392	92	364730	52.027	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	196759	52.345	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	222991	52.330	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	115627	51.667	ug/l	96
56) Ethyl methacrylate	10.648	69	162577	53.547	ug/l	99
57) 1,3-Dichloropropane	10.934	76	201815	51.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	462990	276.934	ug/l	99
59) 2-Hexanone	10.971	43	414784	264.567	ug/l	99
60) Dibromochloromethane	11.129	129	131072	48.977	ug/l	95
61) 1,2-Dibromoethane	11.233	107	113591	50.702	ug/l	98
64) Tetrachloroethene	10.861	164	118285	52.763	ug/l	93
65) Chlorobenzene	11.654	112	387531	51.249	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	127528	52.923	ug/l	98
67) Ethyl Benzene	11.727	91	690794	52.683	ug/l	97
68) m/p-Xylenes	11.837	106	528917	104.932	ug/l	98
69) o-Xylene	12.166	106	252409	54.084	ug/l	97
70) Styrene	12.178	104	434571	53.862	ug/l	99
71) Bromoform	12.349	173	75015	52.184	ug/l #	97
73) Isopropylbenzene	12.458	105	660450	52.695	ug/l	99
74) N-amyl acetate	12.269	43	183124	54.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	141104	50.710	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	182744	85.823	ug/l #	1
77) Bromobenzene	12.745	156	144287	51.616	ug/l	92
78) n-propylbenzene	12.800	91	785402	52.330	ug/l	100
79) 2-Chlorotoluene	12.891	91	473716	52.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	558336	53.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	46898	51.300	ug/l	96
82) 4-Chlorotoluene	12.983	91	492588	51.914	ug/l	100
83) tert-Butylbenzene	13.202	119	465901	52.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	551259	52.443	ug/l	99
85) sec-Butylbenzene	13.379	105	689245	51.672	ug/l	99
86) p-Isopropyltoluene	13.495	119	580542	52.810	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	288539	51.470	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	289369	50.430	ug/l	96
89) n-Butylbenzene	13.818	91	554687	51.933	ug/l	100
90) Hexachloroethane	14.092	117	101496	51.177	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	246908	48.188	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26478	48.734	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	156688	49.585	ug/l	99
94) Hexachlorobutadiene	15.226	225	77919	51.065	ug/l	91
95) Naphthalene	15.354	128	396974	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	141962	48.892	ug/l	99

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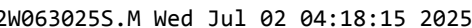
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

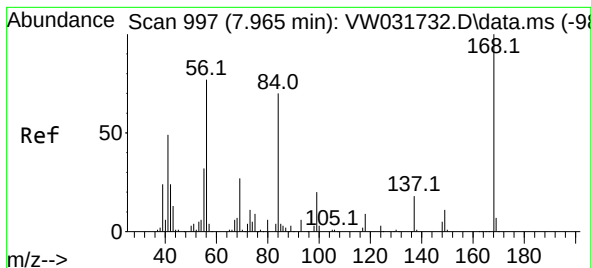
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Quant Title : SW846 8260
QLast Update : Wed Jul 02 03:49:43 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031745.D

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Instrument :

MSVOA_W

ClientSampleId :

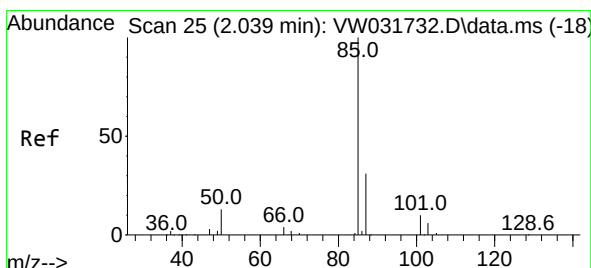
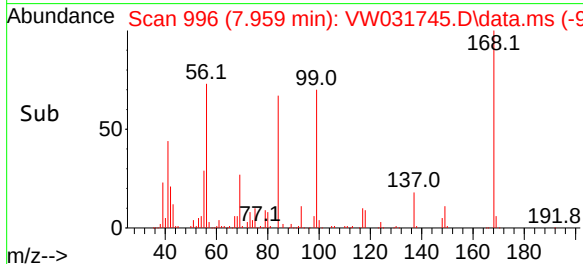
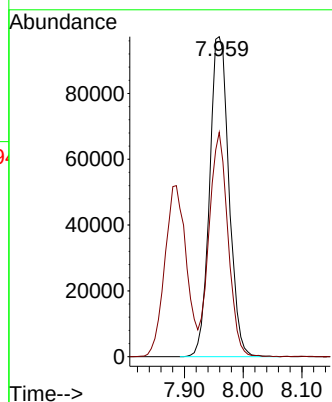
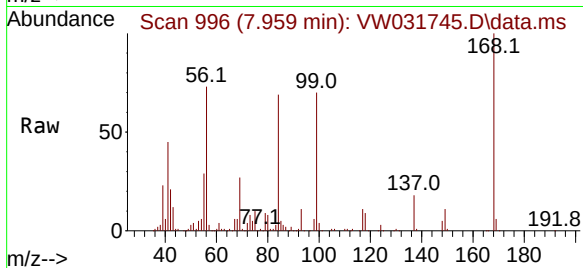
VSTDCCC050EC

Tgt Ion:168 Resp: 222365

Ion Ratio Lower Upper

168 100

99 70.1 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 48.384 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW031745.D

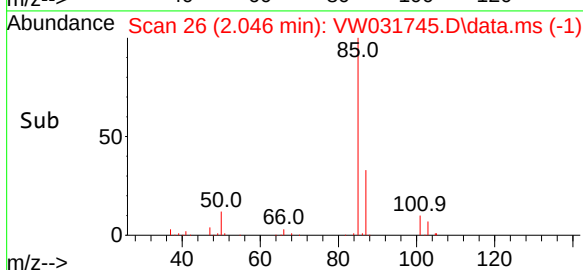
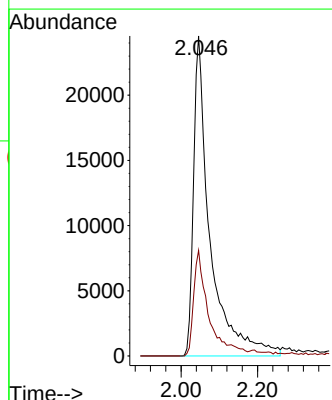
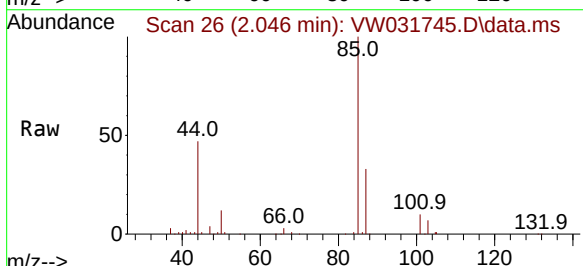
Acq: 01 Jul 2025 13:18

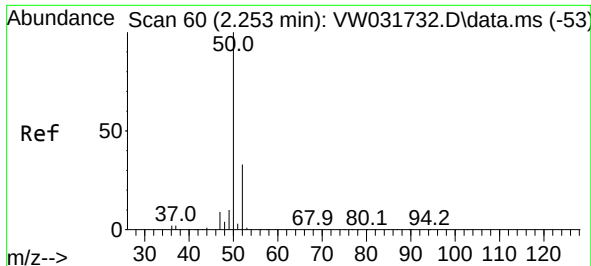
Tgt Ion: 85 Resp: 73272

Ion Ratio Lower Upper

85 100

87 33.0 15.4 46.2

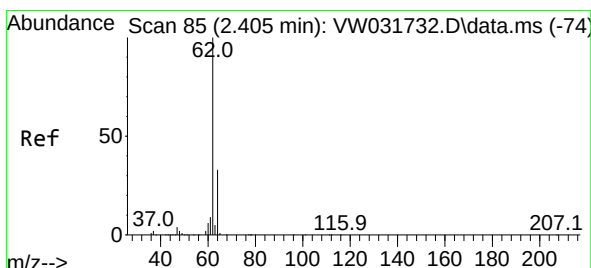
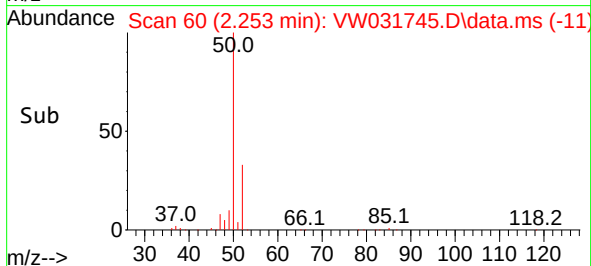
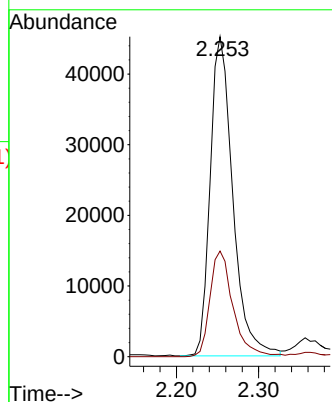
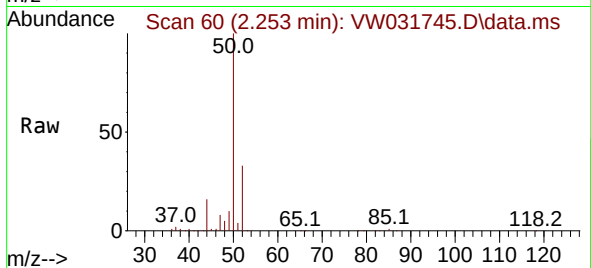




#3
Chloromethane
Concen: 47.272 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

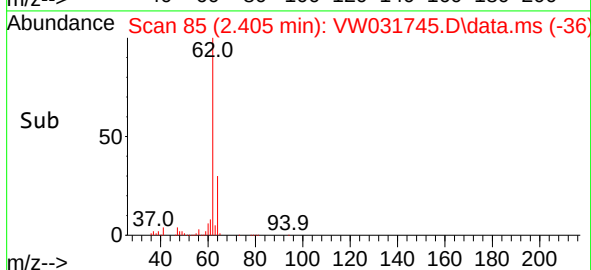
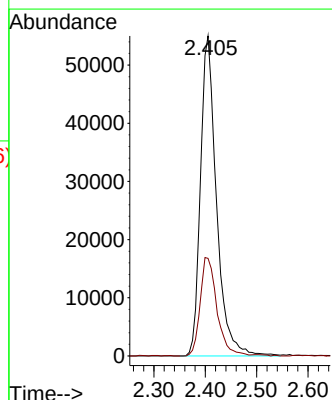
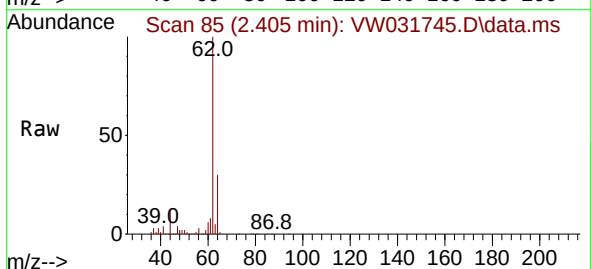
Instrument :
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ClientSampleId :
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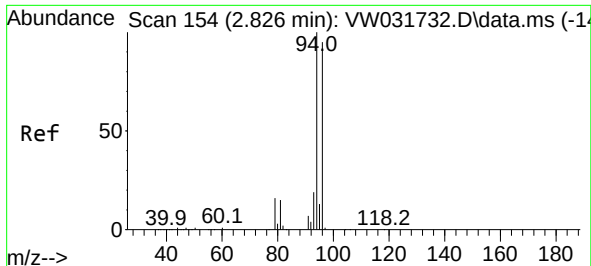
Tgt Ion: 50 Resp: 86307
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 49.639 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 62 Resp: 119120
Ion Ratio Lower Upper
62 100
64 30.5 26.8 40.2

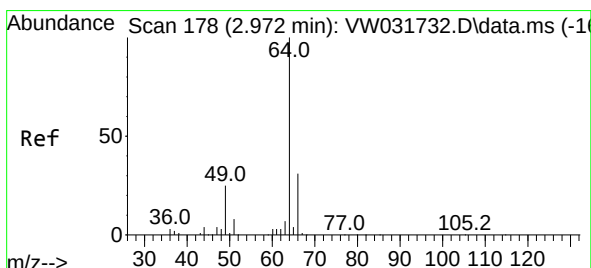
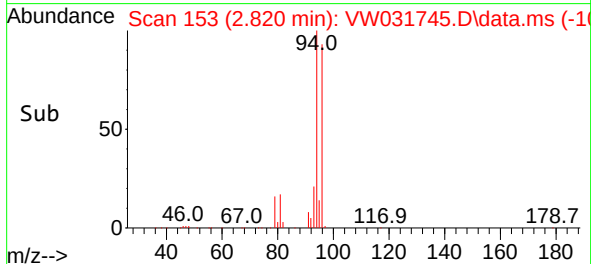
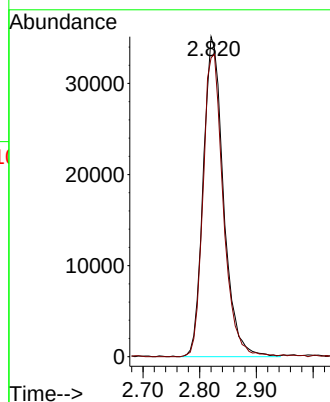
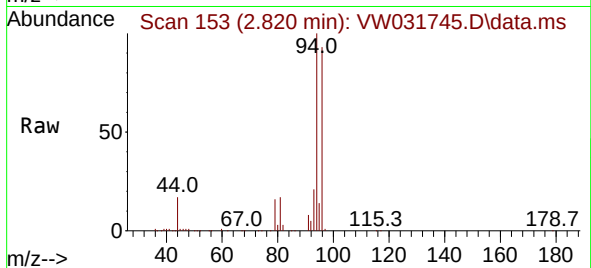




#5
Bromomethane
Concen: 46.579 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031745.D
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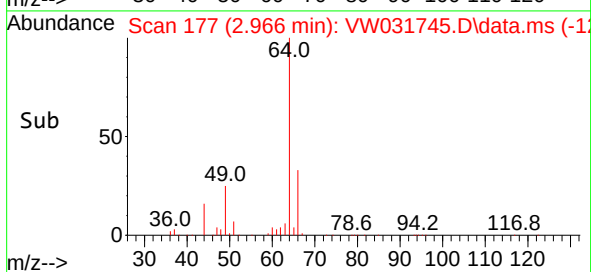
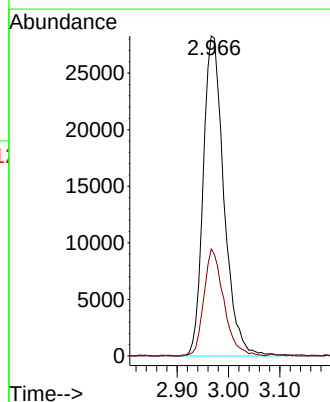
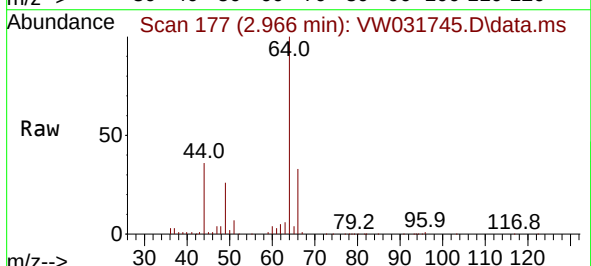
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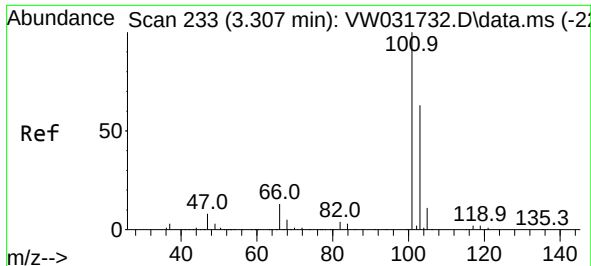
Tgt Ion: 94 Resp: 87306
Ion Ratio Lower Upper
94 100
96 93.4 75.6 113.4



#6
Chloroethane
Concen: 48.453 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 64 Resp: 78981
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

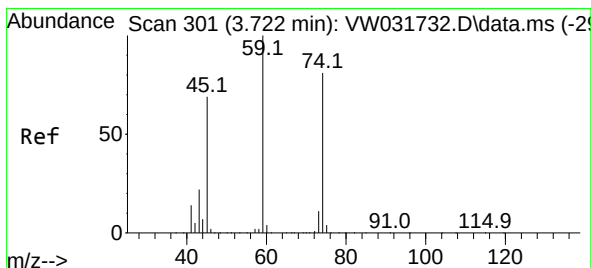
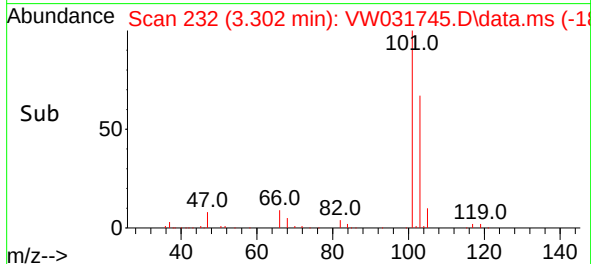
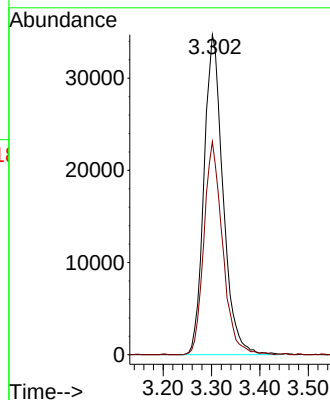
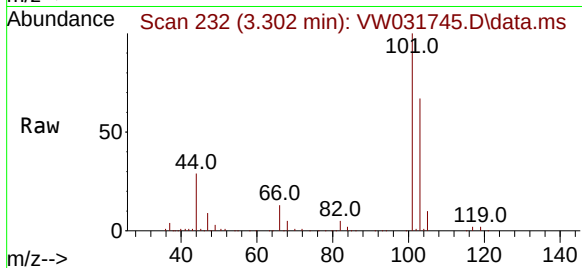




#7
 Trichlorofluoromethane
 Concen: 43.508 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

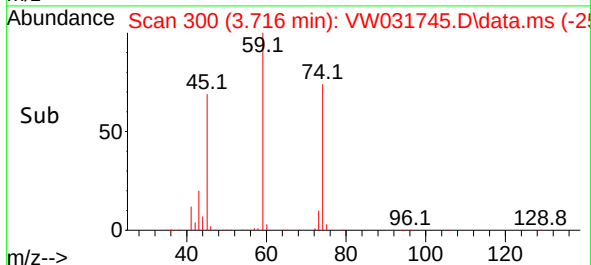
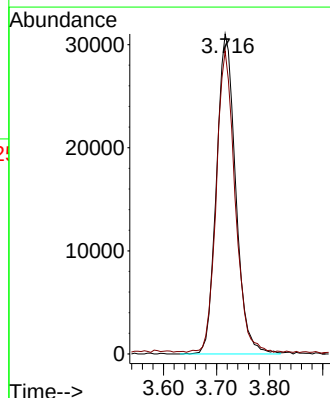
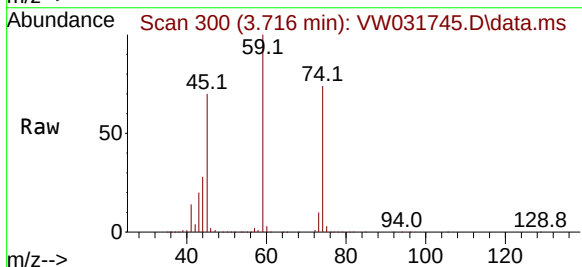
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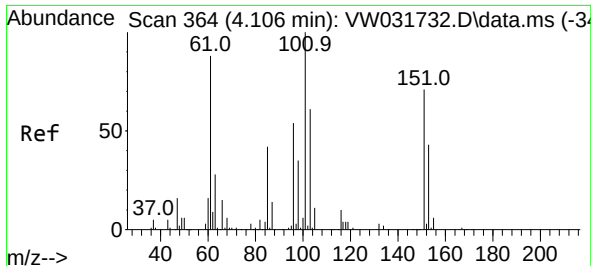
Tgt Ion:101 Resp: 94820
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 47.063 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 77938
 Ion Ratio Lower Upper
 74 100
 45 92.3 43.9 131.7

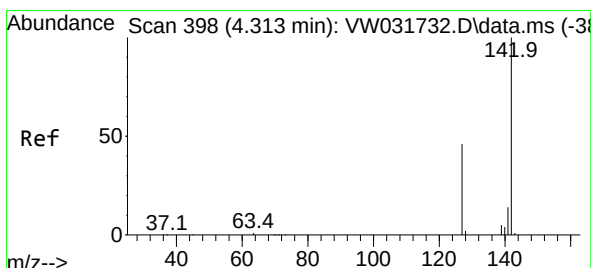
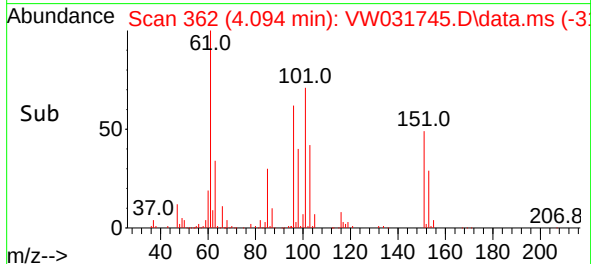
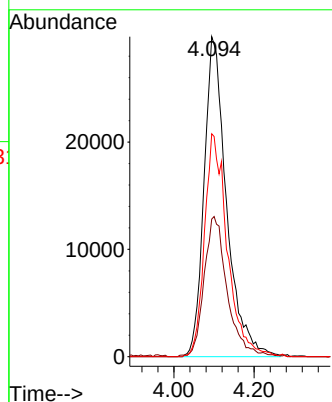
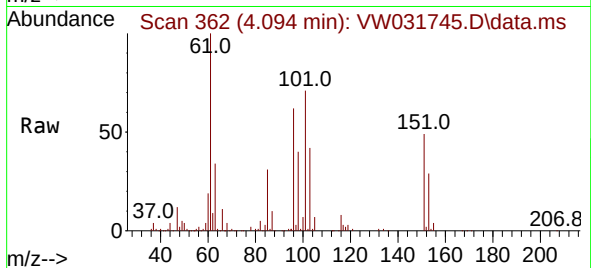




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.025 ug/l
 RT: 4.094 min Scan# 30
 Delta R.T. -0.012 min
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 Acq: 01 Jul 2025 13:18

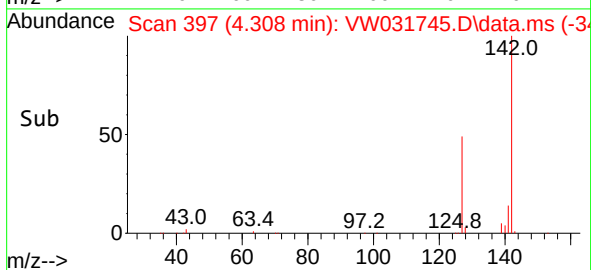
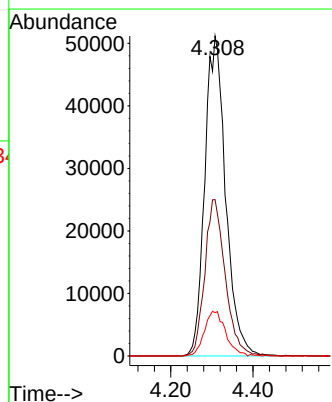
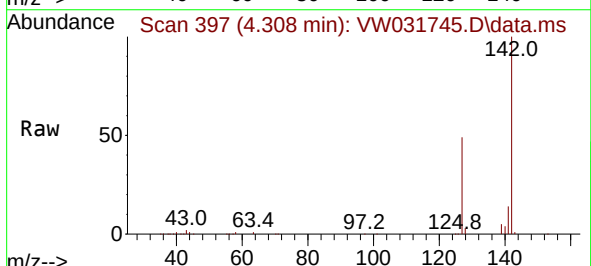
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

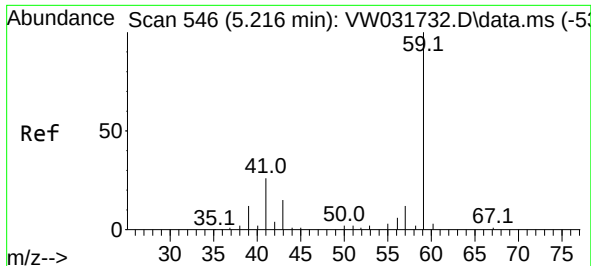
Tgt Ion:101 Resp: 116172
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.6 53.4
 151 70.6 56.8 85.2



#10
 Methyl Iodide
 Concen: 48.400 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

Tgt Ion:142 Resp: 180494
 Ion Ratio Lower Upper
 142 100
 127 47.9 37.9 56.9
 141 14.2 11.7 17.5

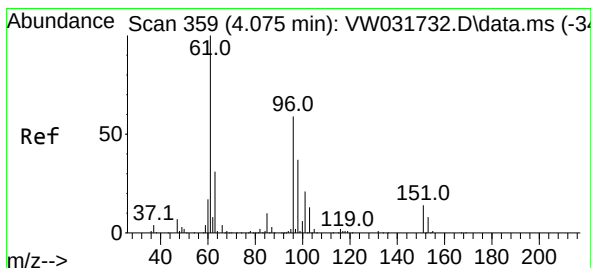
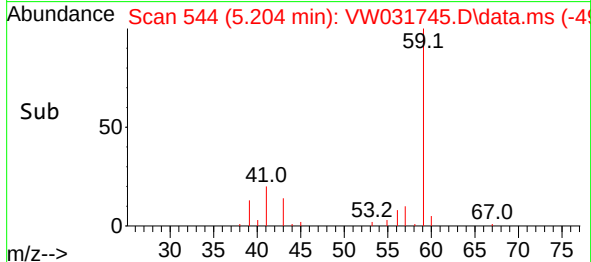
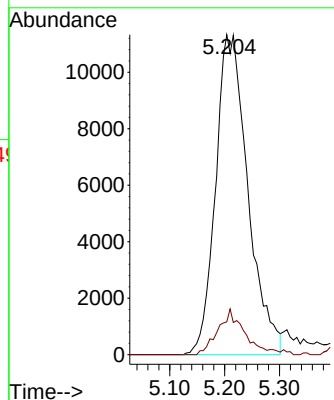
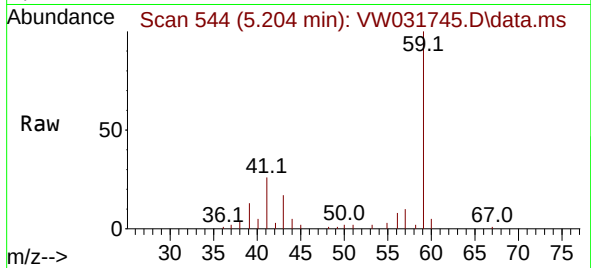




#11
Tert butyl alcohol
Concen: 234.573 ug/l
RT: 5.204 min Scan# 546
Delta R.T. -0.012 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

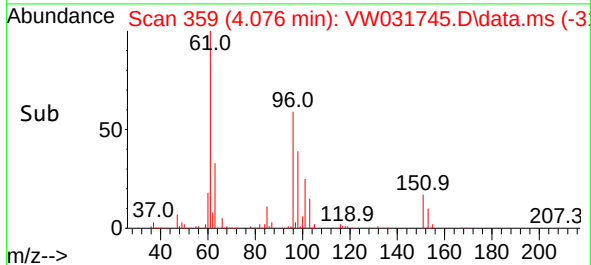
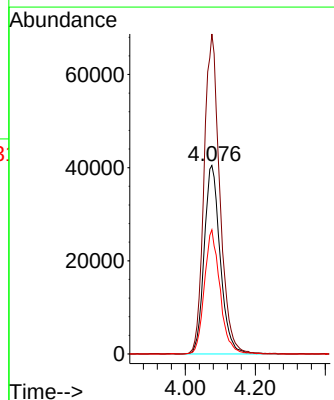
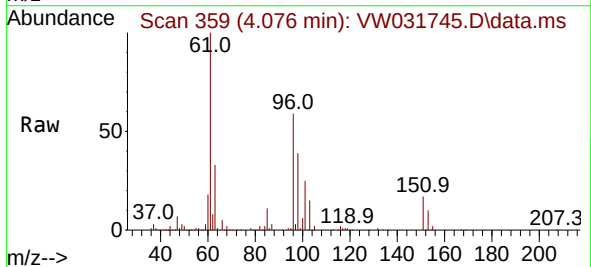
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

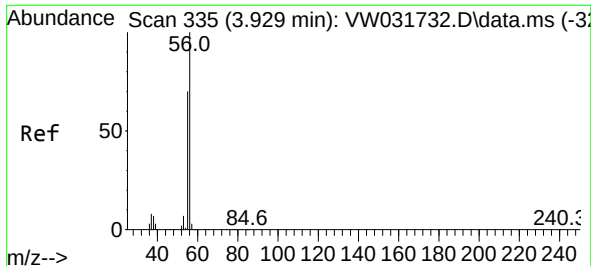
Tgt Ion: 59 Resp: 46376
Ion Ratio Lower Upper
59 100
57 11.7 9.5 14.3



#12
1,1-Dichloroethene
Concen: 48.543 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 96 Resp: 128620
Ion Ratio Lower Upper
96 100
61 169.8 135.8 203.8
98 65.9 50.4 75.6

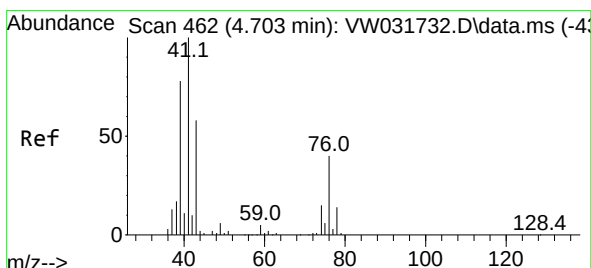
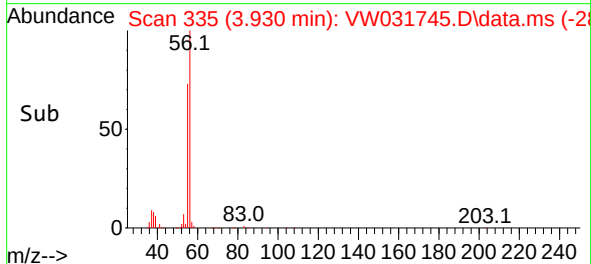
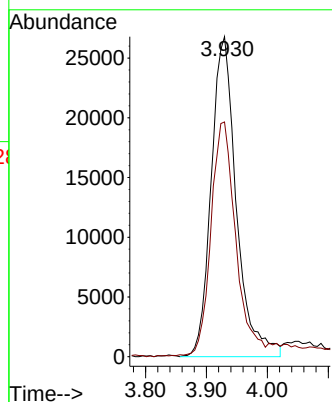
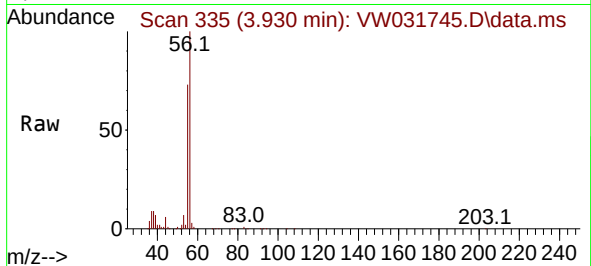




#13
Acrolein
Concen: 216.574 ug/l
RT: 3.930 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

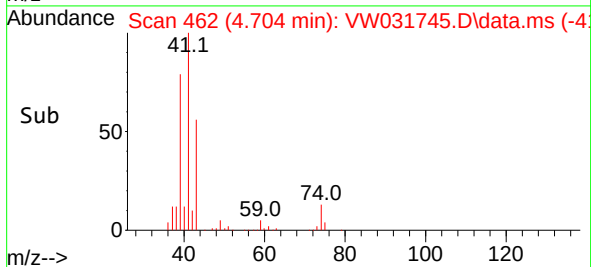
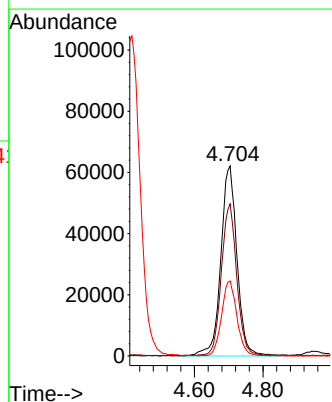
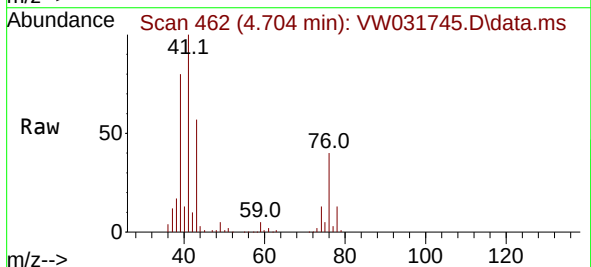
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

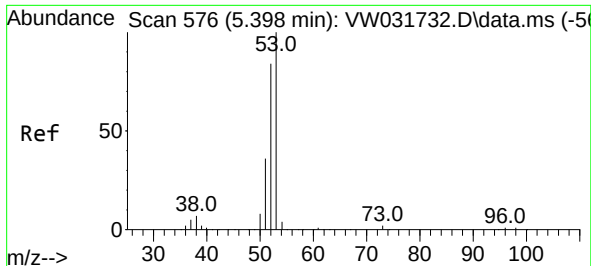
Tgt Ion: 56 Resp: 76957
Ion Ratio Lower Upper
56 100
55 72.6 54.0 81.0



#14
Allyl chloride
Concen: 49.938 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 41 Resp: 203015
Ion Ratio Lower Upper
41 100
39 76.0 60.7 91.1
76 37.4 30.3 45.5

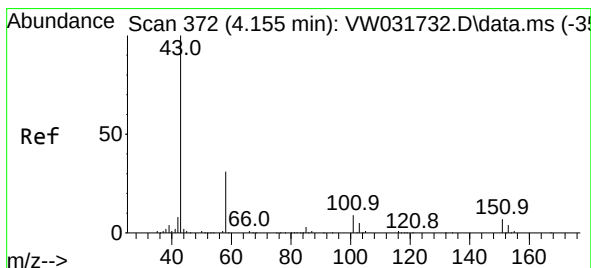
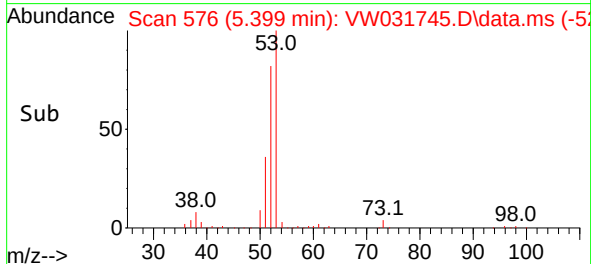
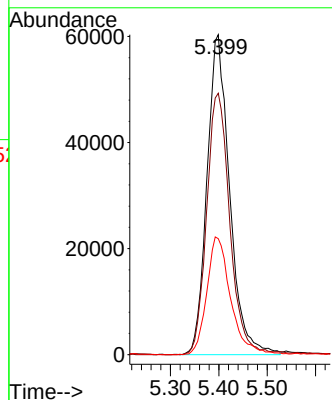
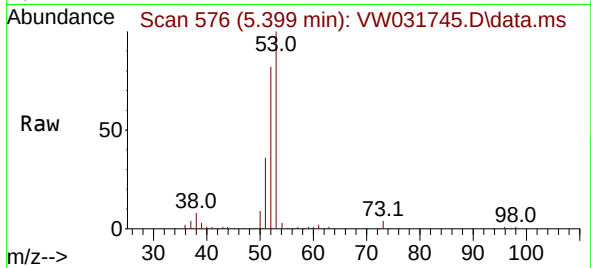




#15
Acrylonitrile
Concen: 241.120 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

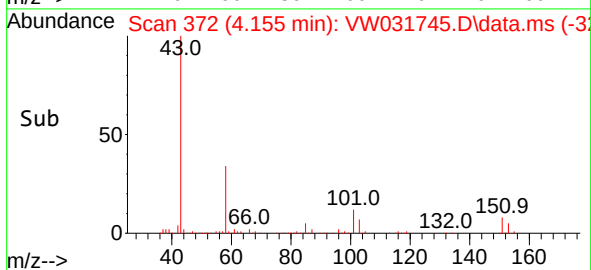
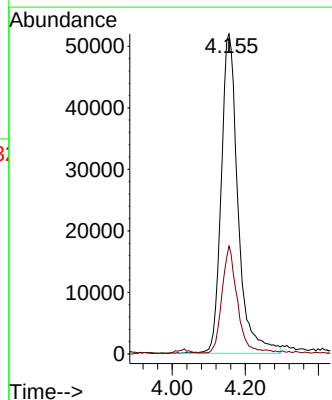
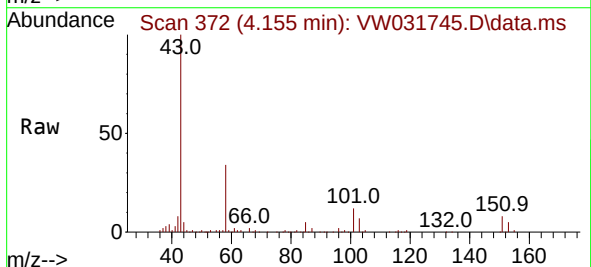
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

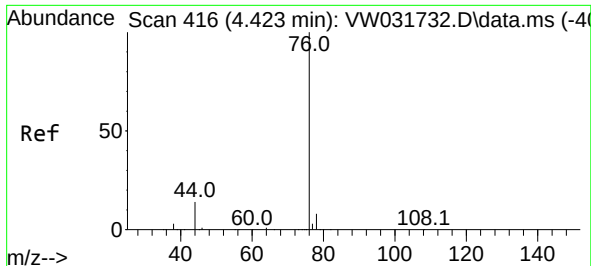
Tgt Ion: 53 Resp: 196360
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 38.8 29.9 44.9



#16
Acetone
Concen: 210.373 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 43 Resp: 165935
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2

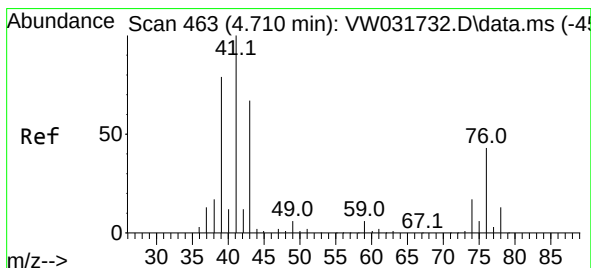
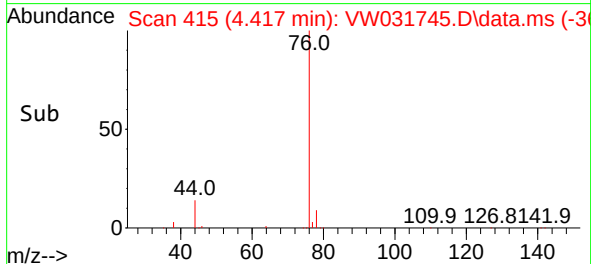
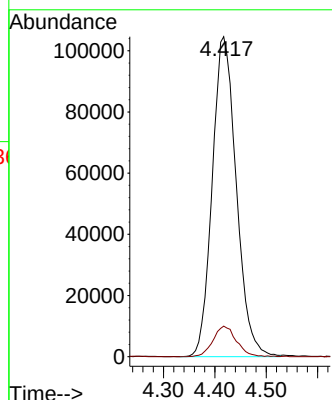
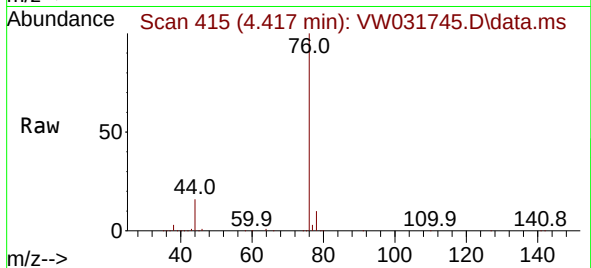




#17
Carbon Disulfide
Concen: 47.968 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

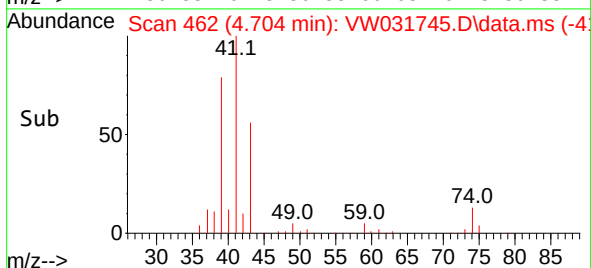
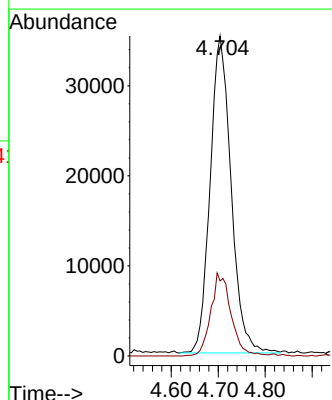
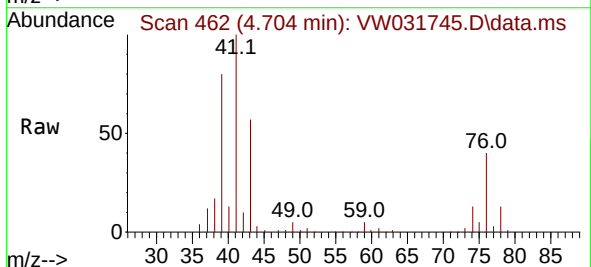
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

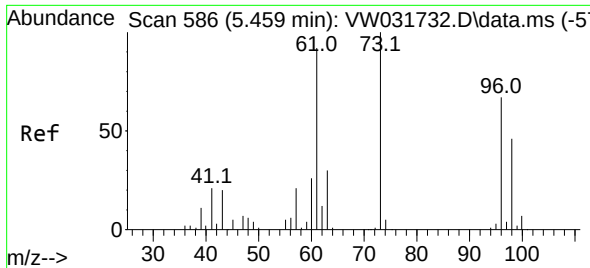
Tgt Ion: 76 Resp: 340098
Ion Ratio Lower Upper
76 100
78 9.6 6.6 10.0



#18
Methyl Acetate
Concen: 48.465 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 43 Resp: 109253
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8

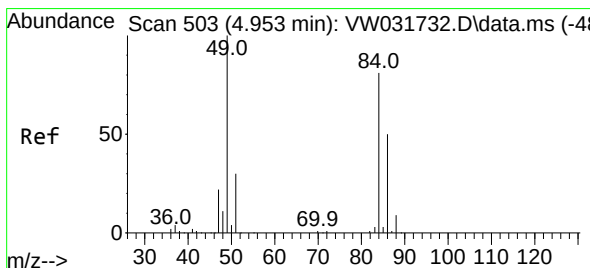
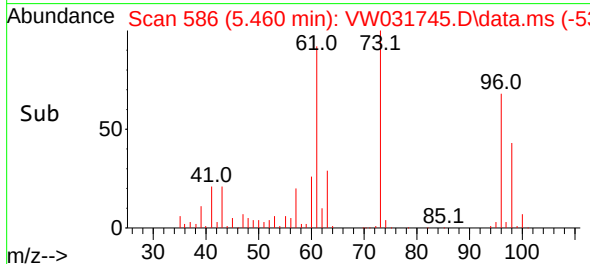
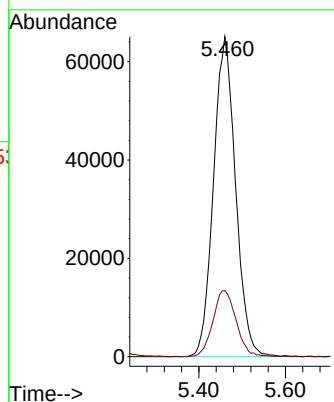
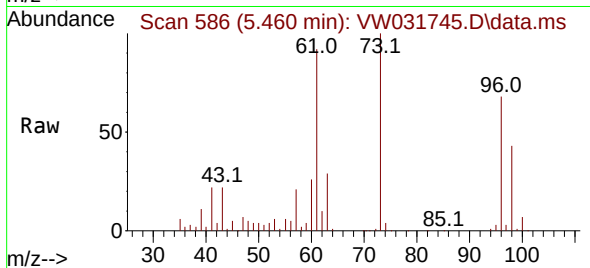




#19
Methyl tert-butyl Ether
Concen: 51.270 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

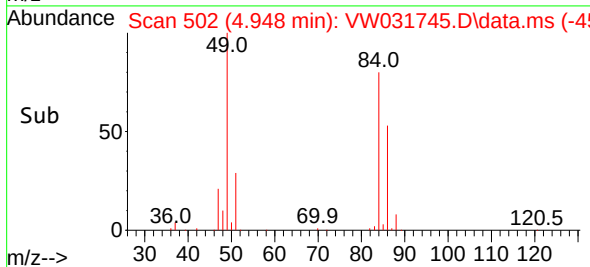
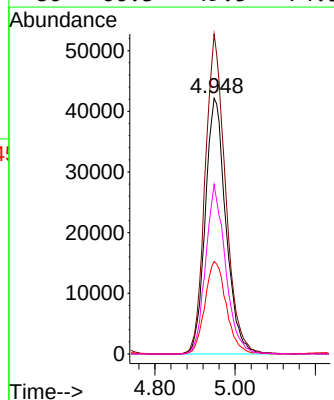
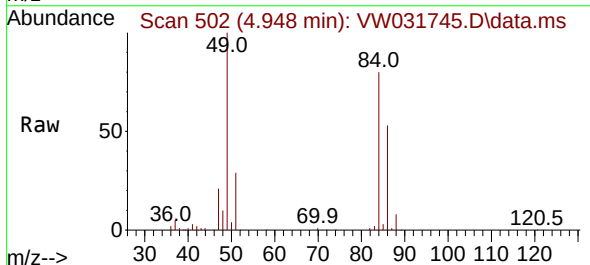
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

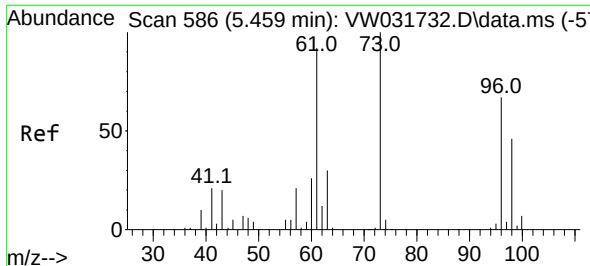
Tgt Ion: 73 Resp: 230571
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8



#20
Methylene Chloride
Concen: 47.531 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.005 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 84 Resp: 150350
Ion Ratio Lower Upper
84 100
49 125.2 98.2 147.4
51 36.2 29.8 44.8
86 66.3 49.5 74.3

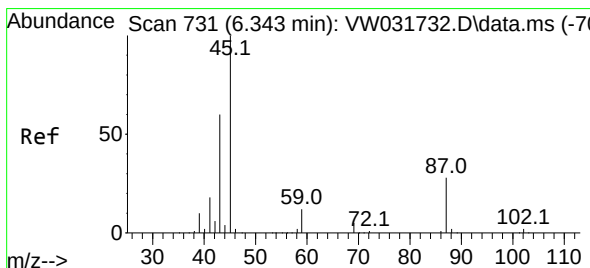
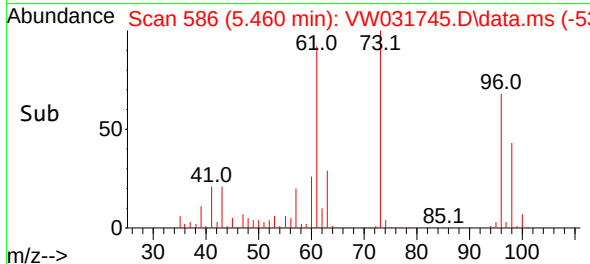
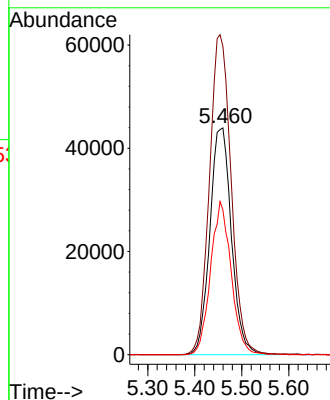
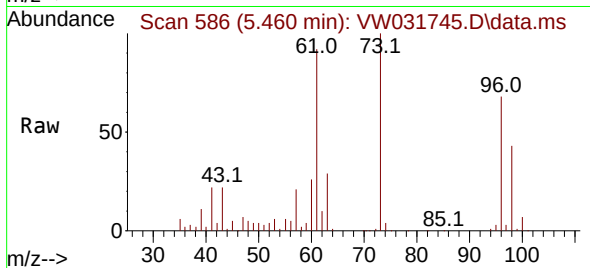




#21
trans-1,2-Dichloroethene
Concen: 49.794 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

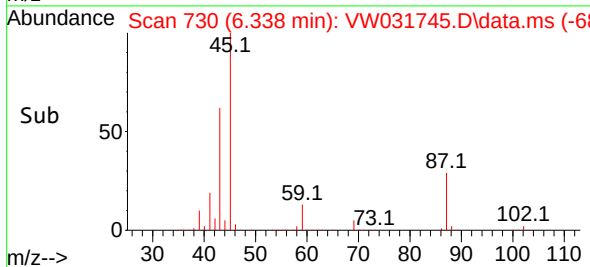
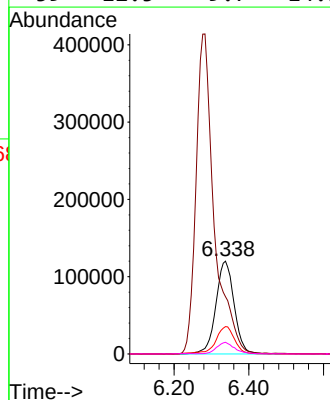
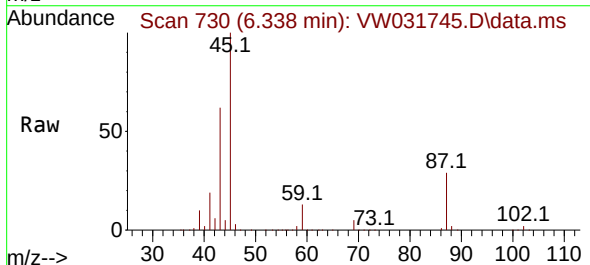
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

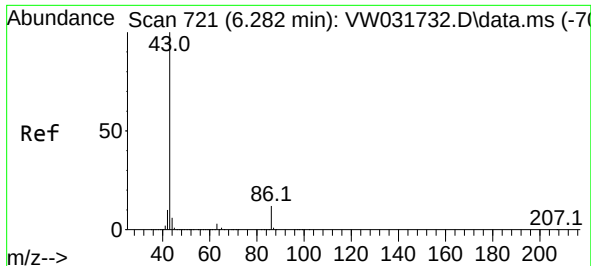
Tgt Ion: 96 Resp: 140190
Ion Ratio Lower Upper
96 100
61 136.0 109.8 164.6
98 63.8 54.9 82.3



#22
Diisopropyl ether
Concen: 51.265 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 45 Resp: 406461
Ion Ratio Lower Upper
45 100
43 61.4 48.3 72.5
87 29.4 22.6 34.0
59 12.5 9.7 14.5

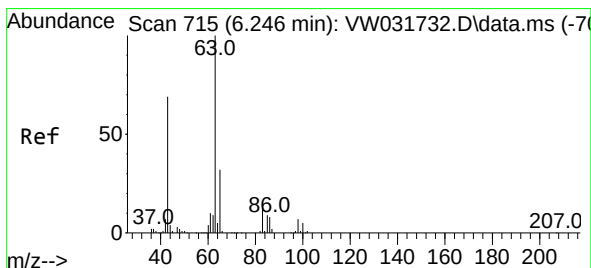
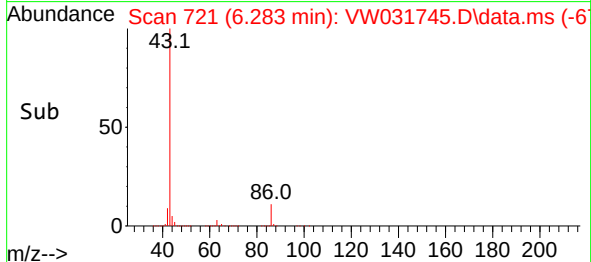
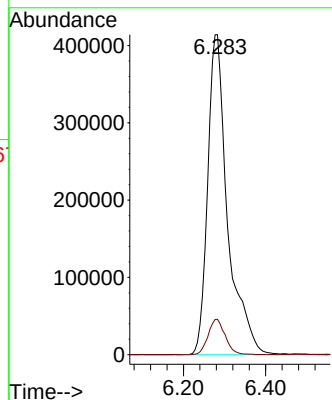
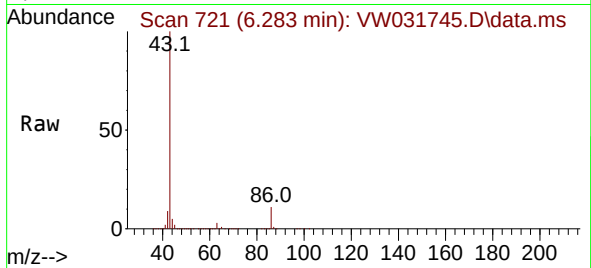




#23
 Vinyl Acetate
 Concen: 257.550 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

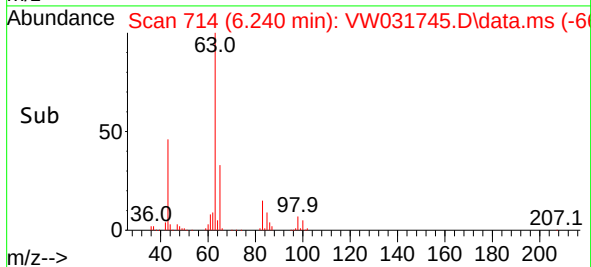
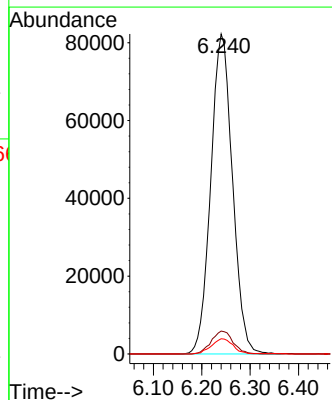
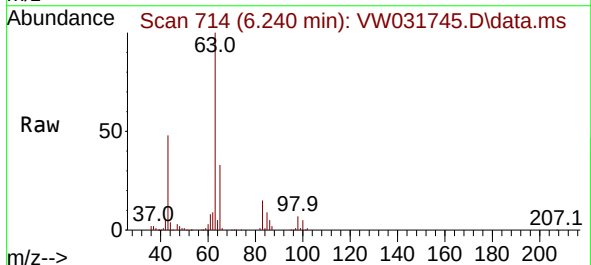
Instrument :
 MSVOA_W
 ClientSampleId :
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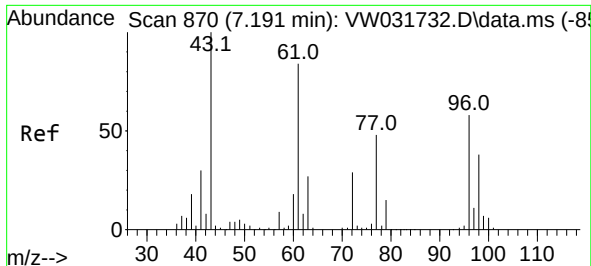
Tgt Ion: 43 Resp: 1394785
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 49.859 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

Tgt Ion: 63 Resp: 256290
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.7 2.5 7.5

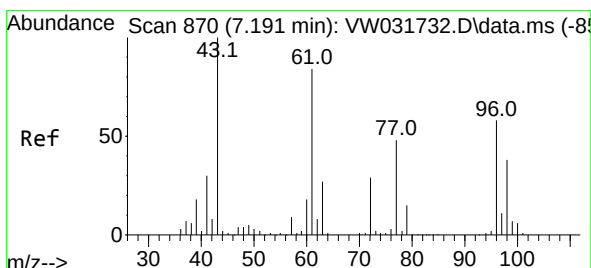
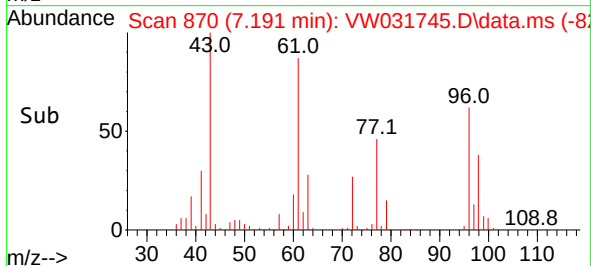
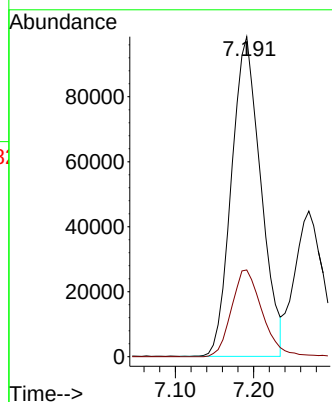
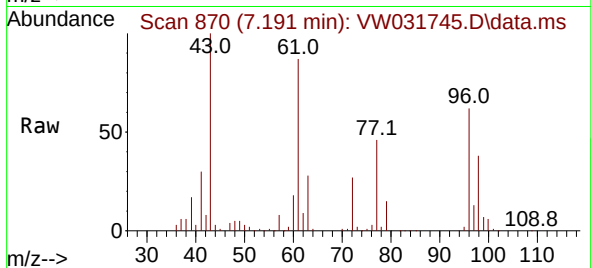




#25
2-Butanone
Concen: 248.980 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

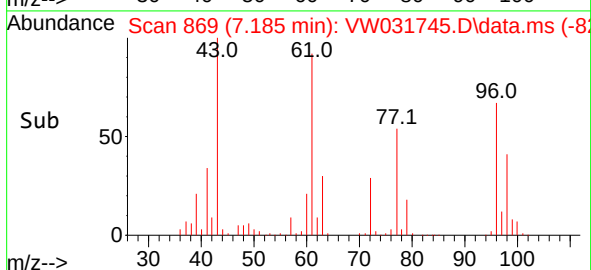
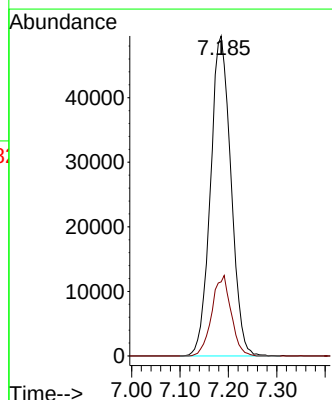
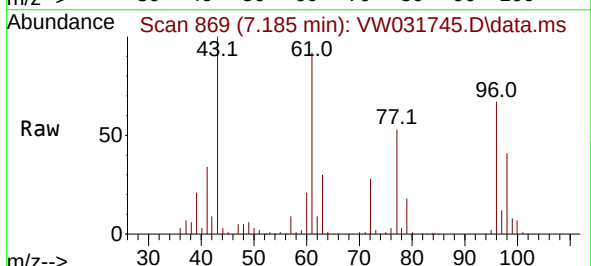
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

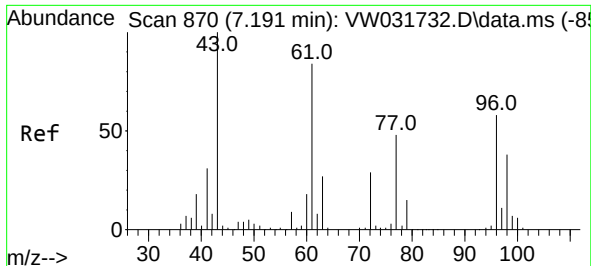
Tgt Ion: 43 Resp: 255493
Ion Ratio Lower Upper
43 100
72 27.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.609 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 77 Resp: 145785
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7



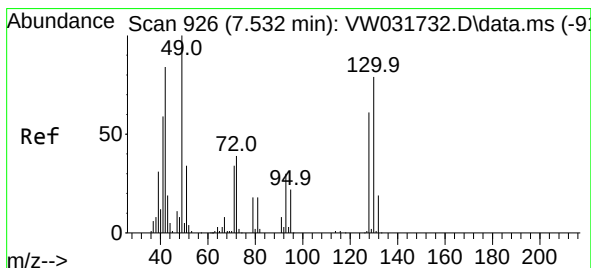
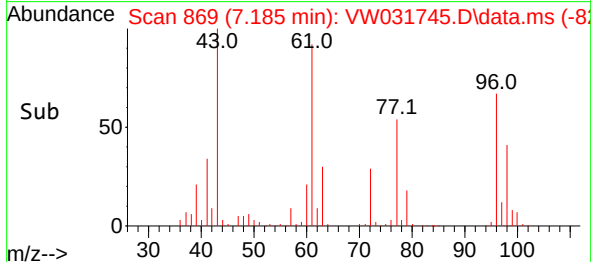
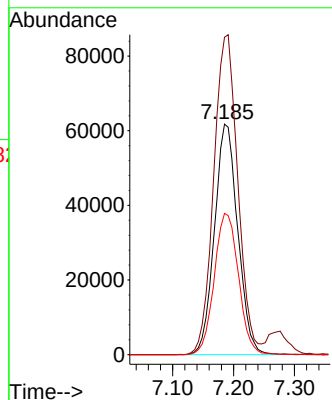
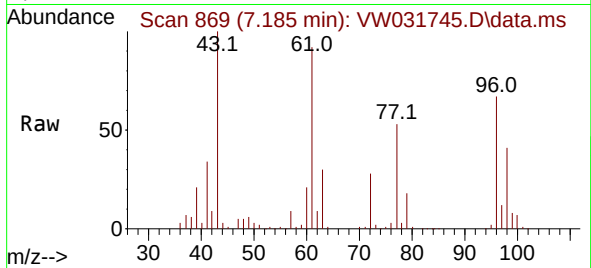


#27
 cis-1,2-Dichloroethene
 Concen: 50.750 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 164241

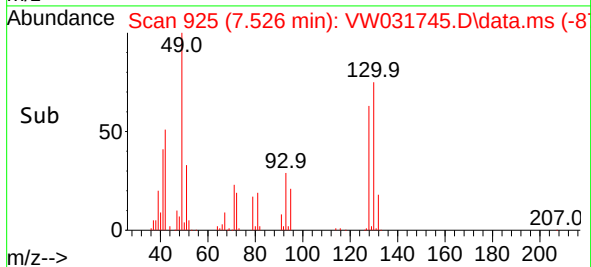
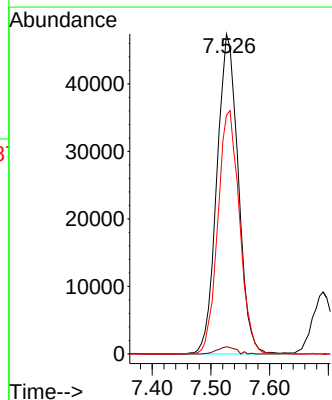
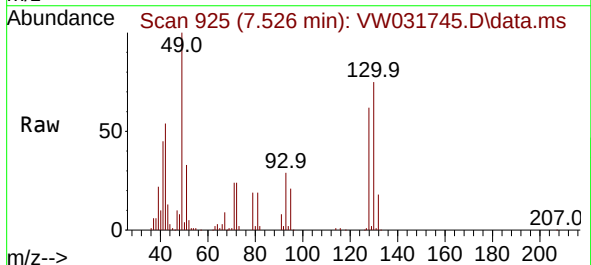
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	286.8
98	63.7	0.0	130.4

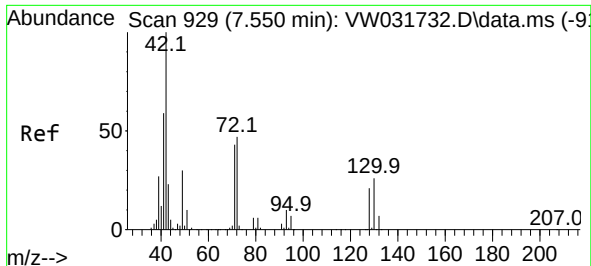


#28
 Bromochloromethane
 Concen: 52.742 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

Tgt Ion: 49 Resp: 119638

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.4
130	77.2	61.3	91.9

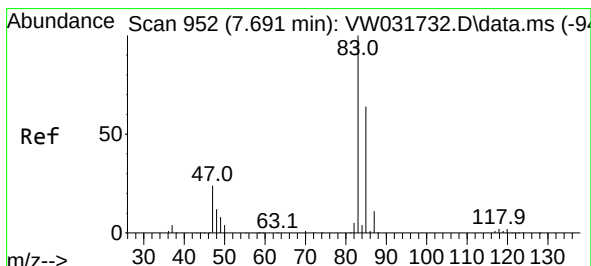
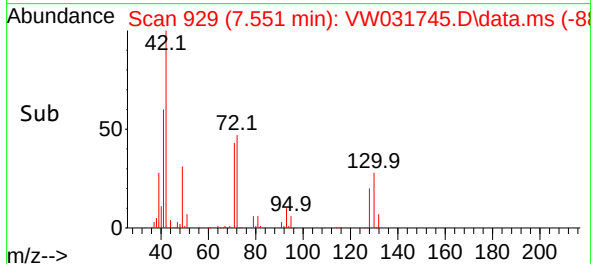
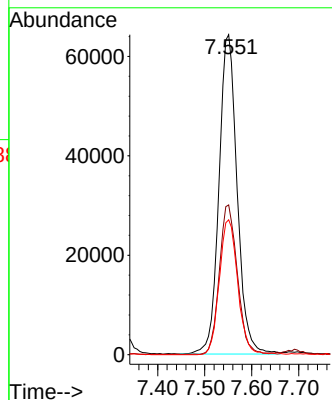
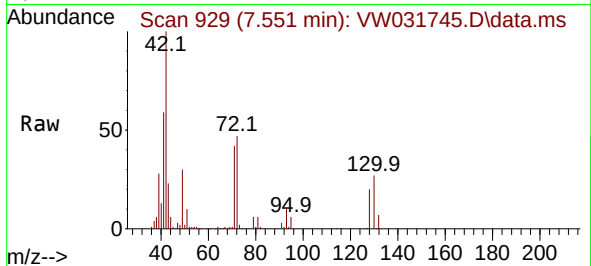




#29
Tetrahydrofuran
Concen: 246.450 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

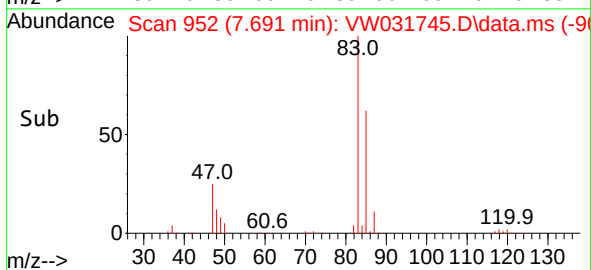
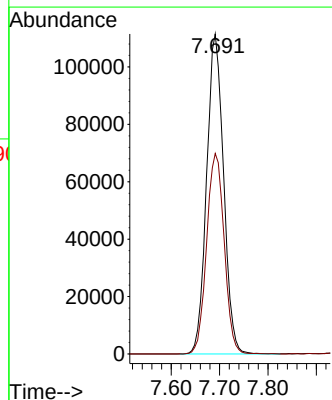
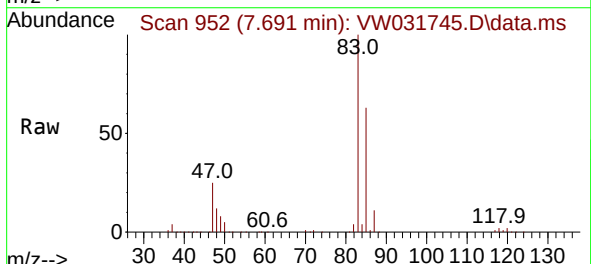
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

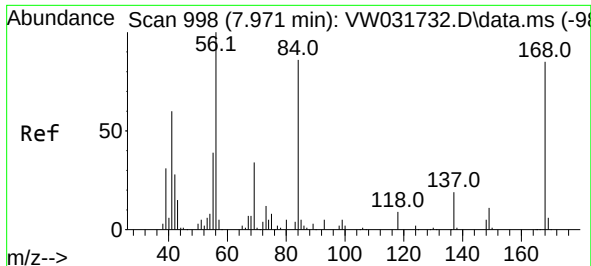
Tgt Ion: 42 Resp: 173191
Ion Ratio Lower Upper
42 100
72 46.2 36.8 55.2
71 43.0 34.6 52.0



#30
Chloroform
Concen: 49.745 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 83 Resp: 271707
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0

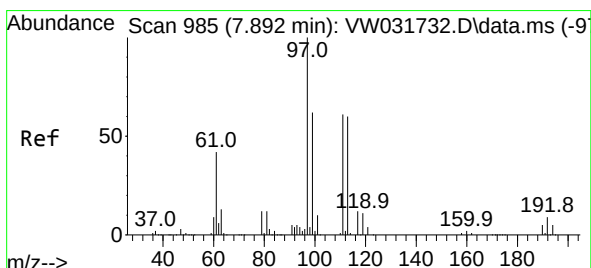
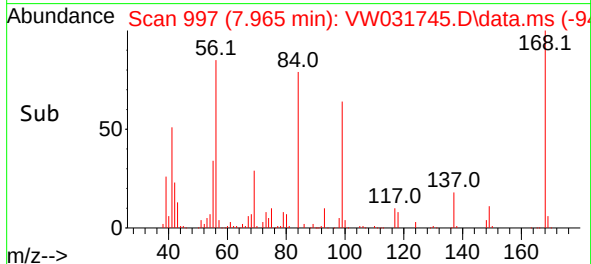
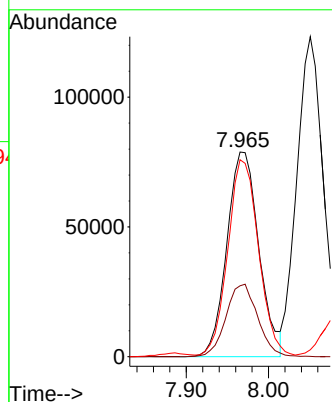
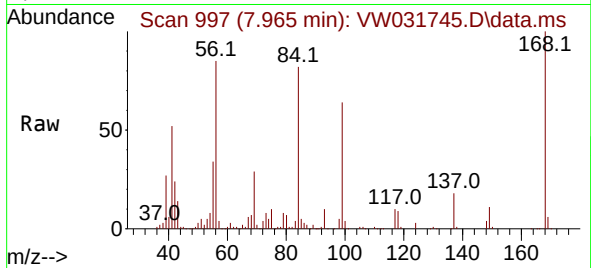




#31
Cyclohexane
Concen: 46.958 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

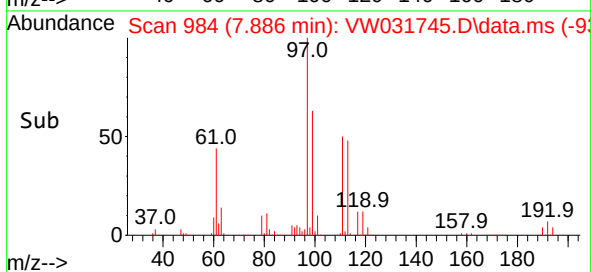
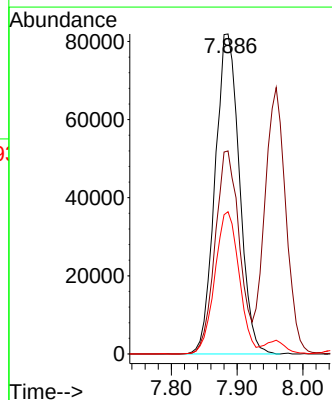
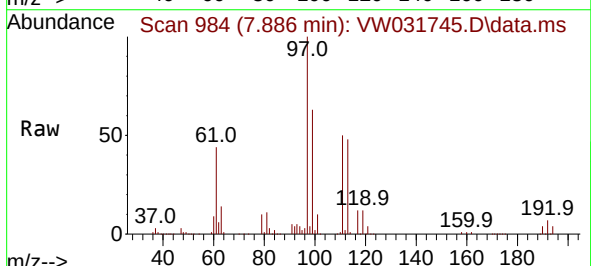
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

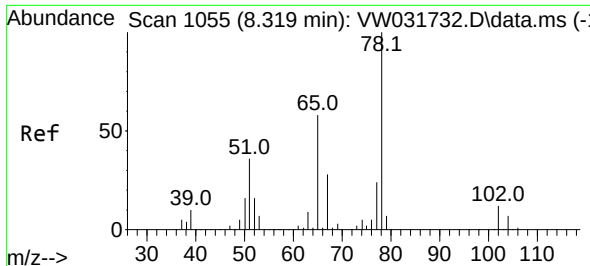
Tgt Ion: 56 Resp: 213368
Ion Ratio Lower Upper
56 100
69 34.7 27.2 40.8
84 94.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 50.209 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 97 Resp: 211344
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 44.7 36.0 54.0

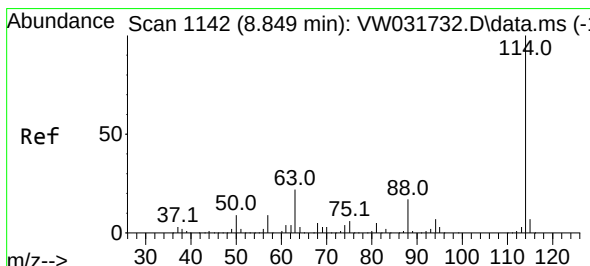
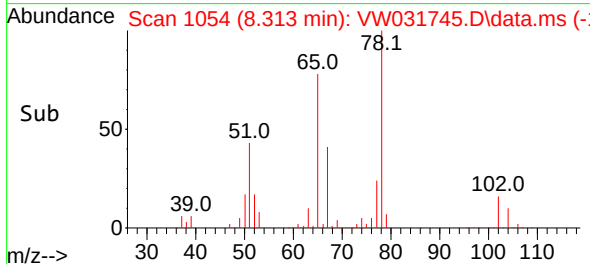
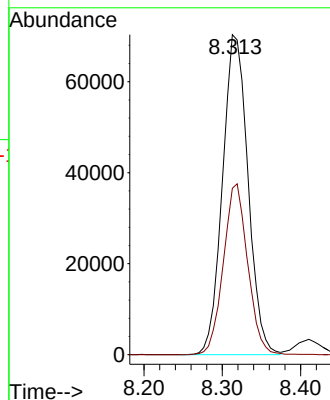
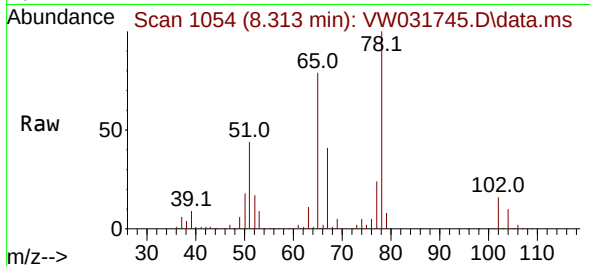




#33
 1,2-Dichloroethane-d4
 Concen: 49.888 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

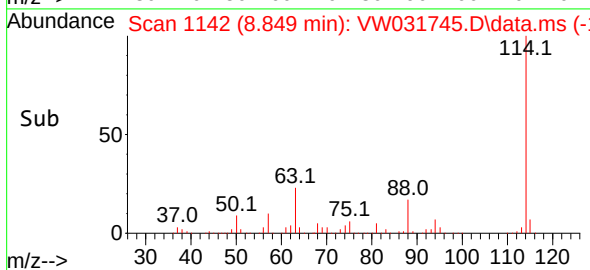
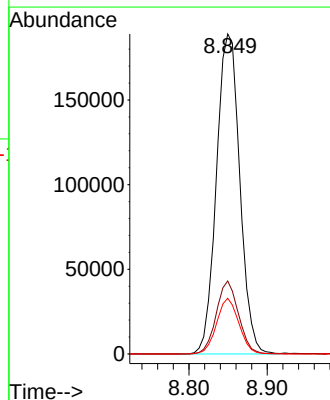
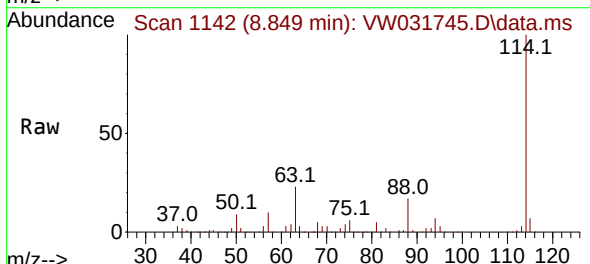
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

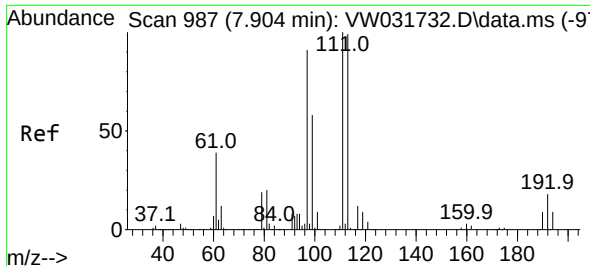
Tgt Ion: 65 Resp: 159201
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031745.D
 Acq: 01 Jul 2025 13:18

Tgt Ion: 114 Resp: 391927
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.6
 88 17.4 0.0 34.2

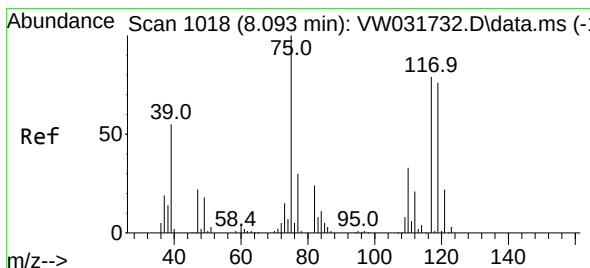
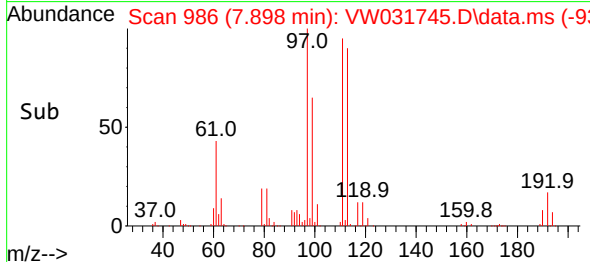
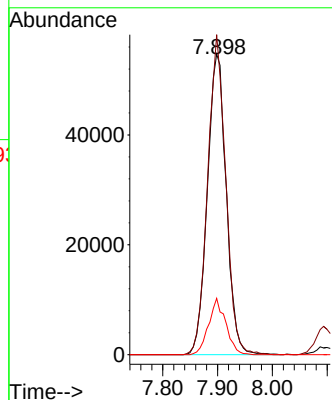
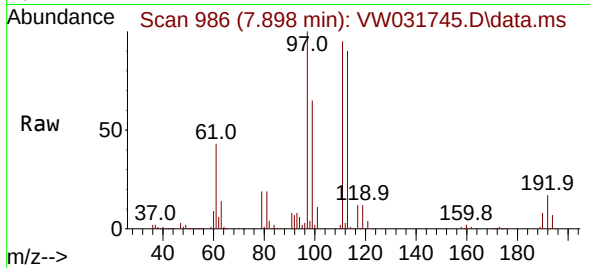




#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

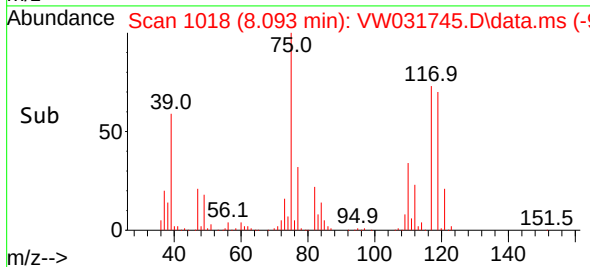
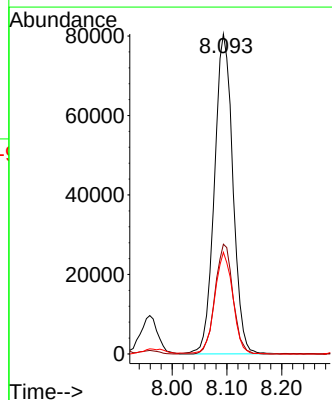
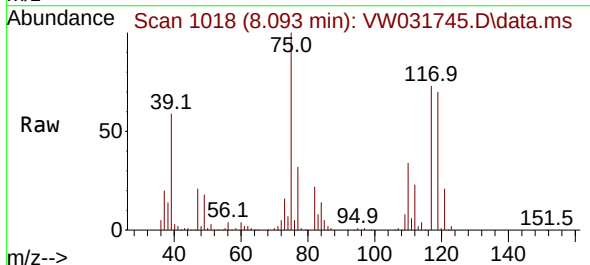
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

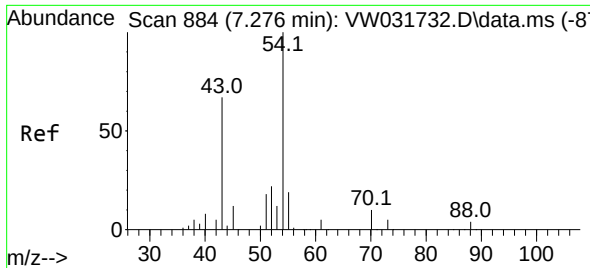
Tgt Ion:113 Resp: 130963
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 50.633 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 75 Resp: 187382
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 31.4 25.0 37.6

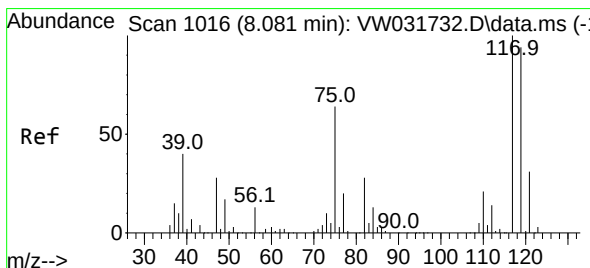
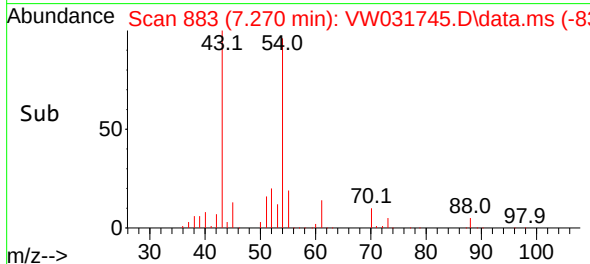
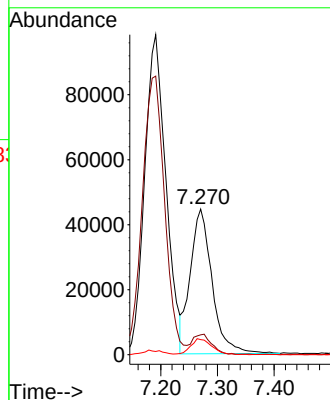
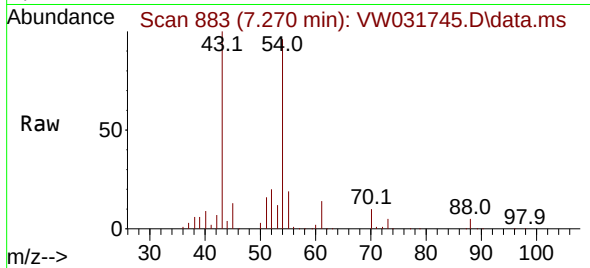




#37
Ethyl Acetate
Concen: 51.163 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

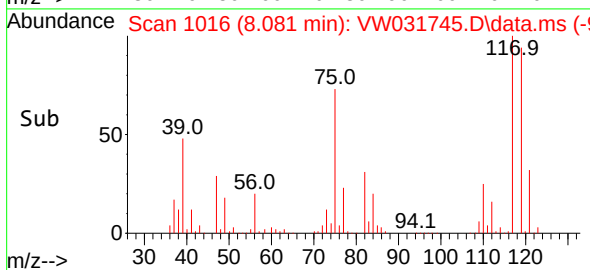
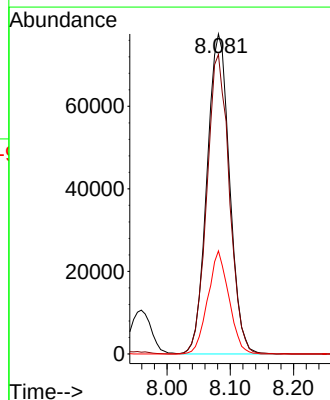
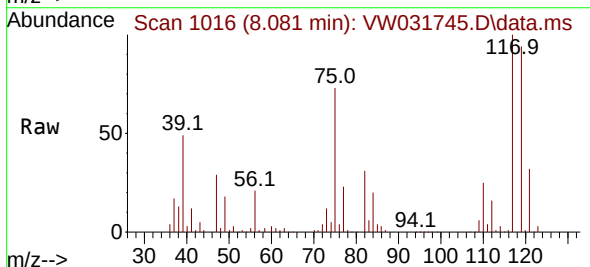
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

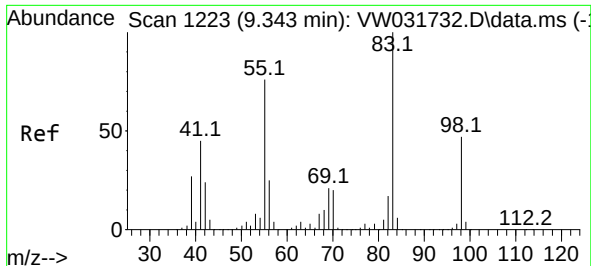
Tgt Ion: 43 Resp: 119442
Ion Ratio Lower Upper
43 100
61 12.2 10.9 16.3
70 10.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 51.099 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 117 Resp: 192707
Ion Ratio Lower Upper
117 100
119 93.5 75.0 112.6
121 32.2 24.6 37.0





#39

Methylcyclohexane

Concen: 51.118 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

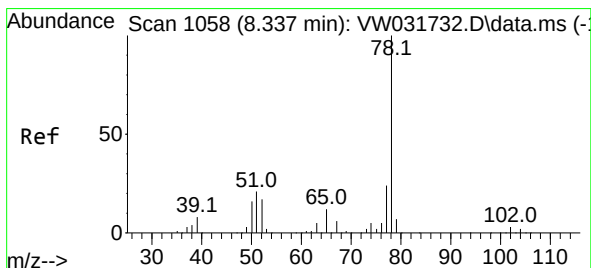
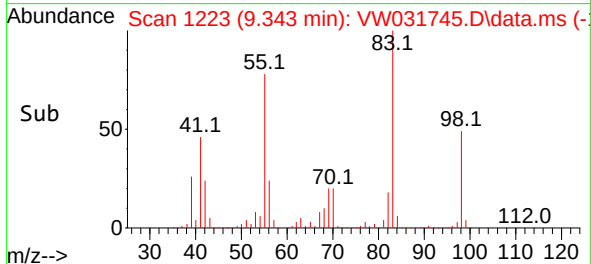
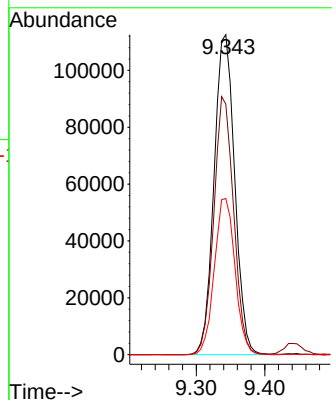
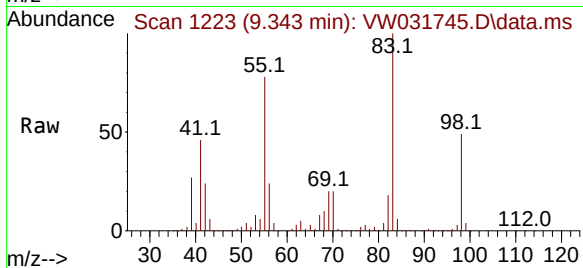
Tgt Ion: 83 Resp: 235370

Ion Ratio Lower Upper

83 100

55 78.3 61.0 91.4

98 48.8 37.9 56.9



#40

Benzene

Concen: 51.397 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031745.D

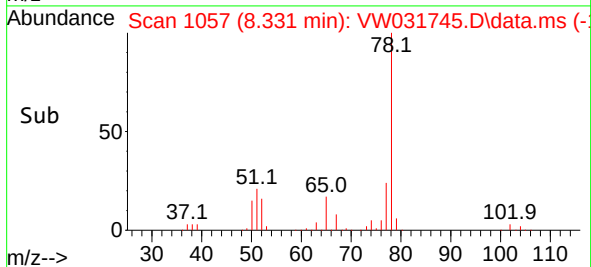
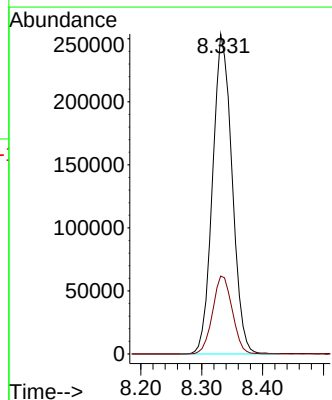
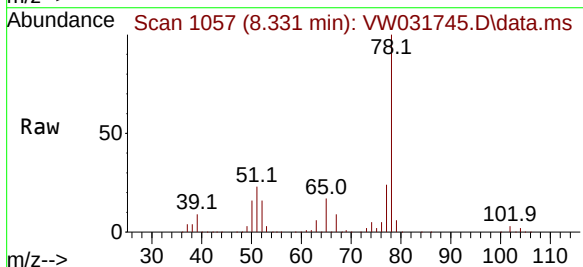
Acq: 01 Jul 2025 13:18

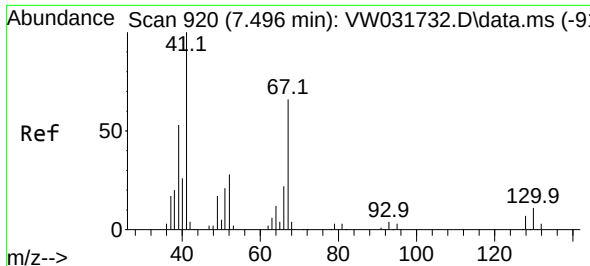
Tgt Ion: 78 Resp: 562763

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8

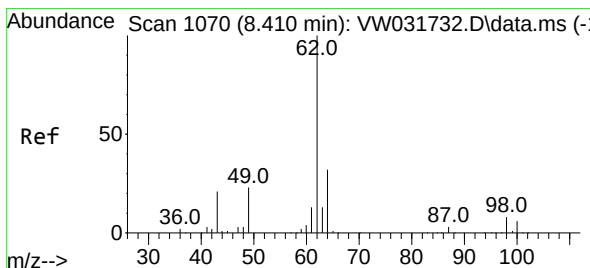
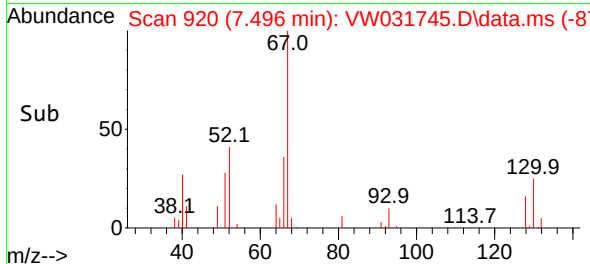
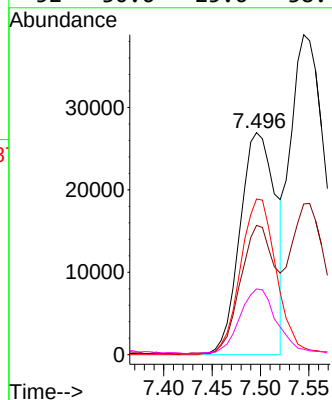
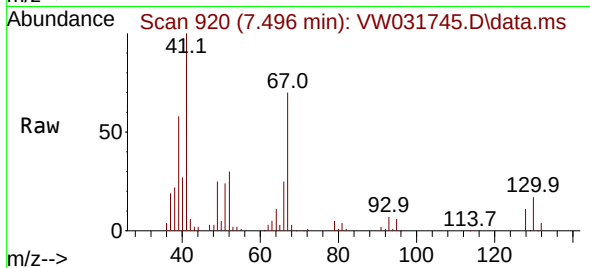




#41
Methacrylonitrile
Concen: 55.559 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

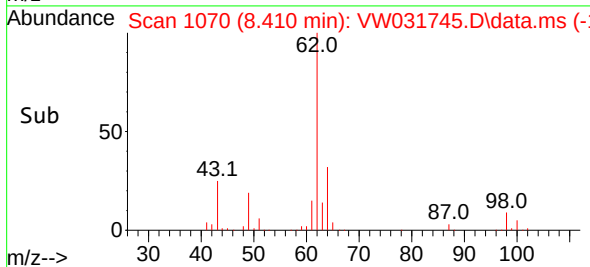
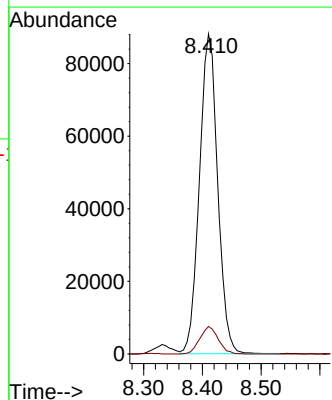
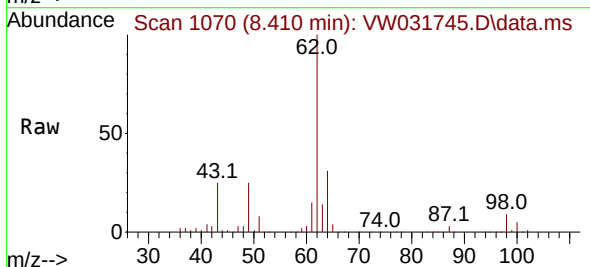
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

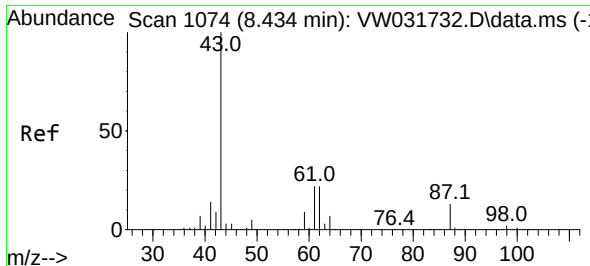
Tgt Ion:	41	Resp:	69482
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.2	64.8
67	71.3	58.1	87.1
52	30.6	25.6	38.4



#42
1,2-Dichloroethane
Concen: 51.409 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:	62	Resp:	190196
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

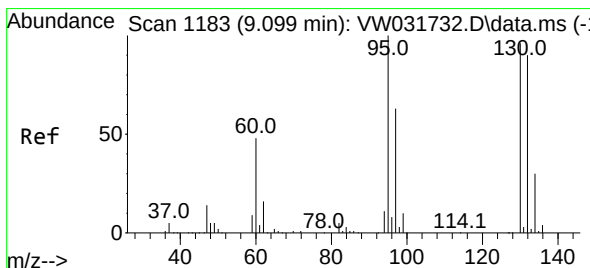
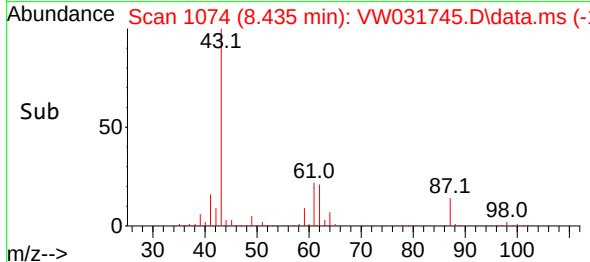
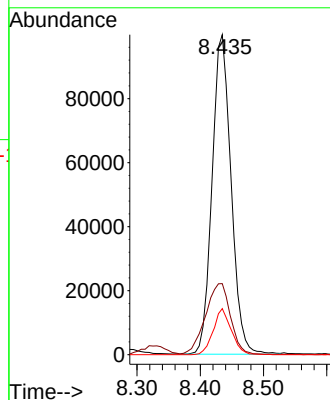
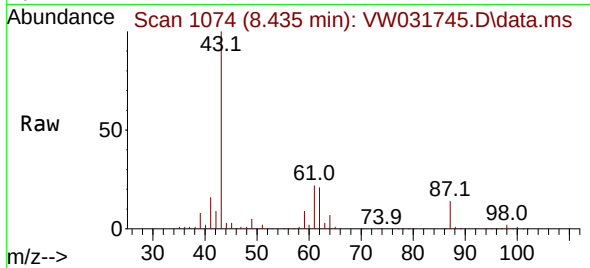




#43
Isopropyl Acetate
Concen: 51.721 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

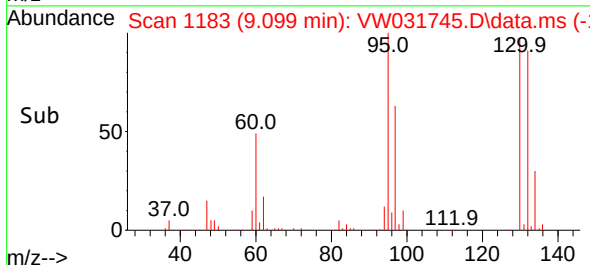
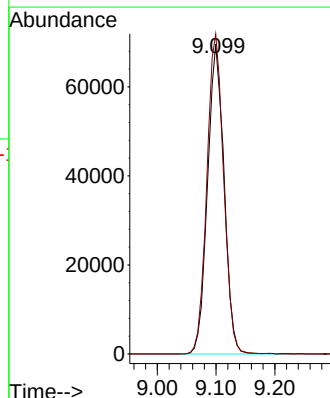
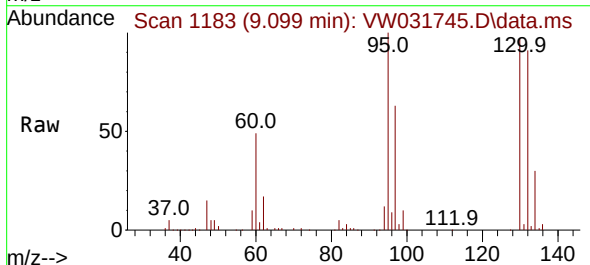
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

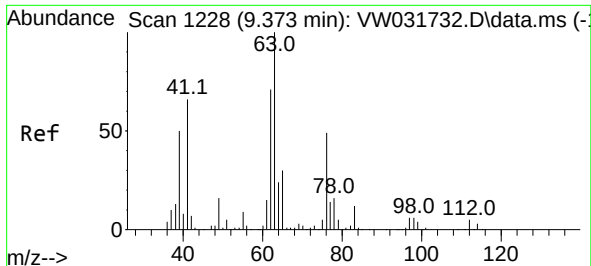
Tgt Ion: 43 Resp: 208140
Ion Ratio Lower Upper
43 100
61 29.5 23.1 34.7
87 13.7 10.8 16.2



#44
Trichloroethene
Concen: 49.783 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:130 Resp: 136049
Ion Ratio Lower Upper
130 100
95 103.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 50.712 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

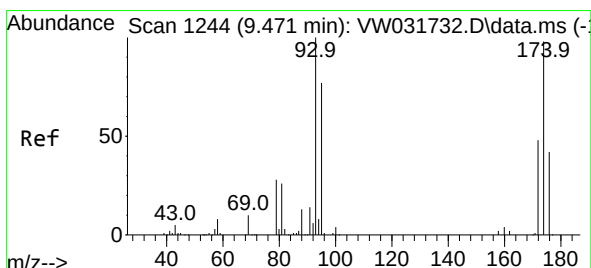
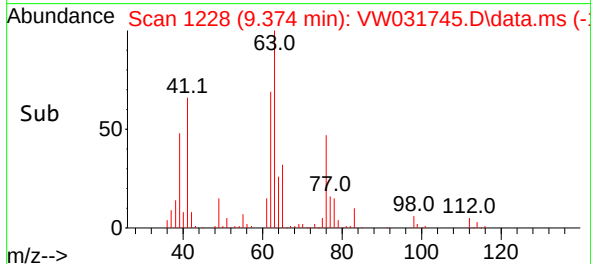
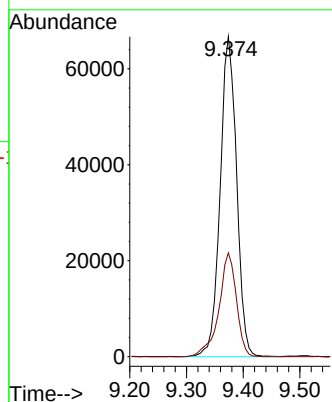
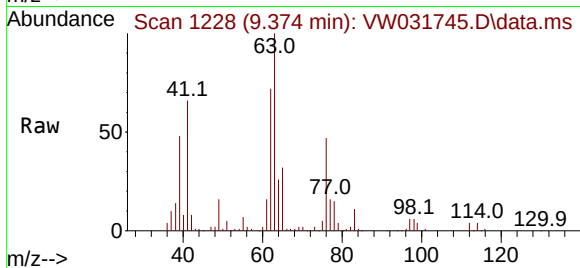
VSTDCCC050EC

Tgt Ion: 63 Resp: 134197

Ion Ratio Lower Upper

63 100

65 32.4 24.2 36.4



#46

Dibromomethane

Concen: 50.816 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

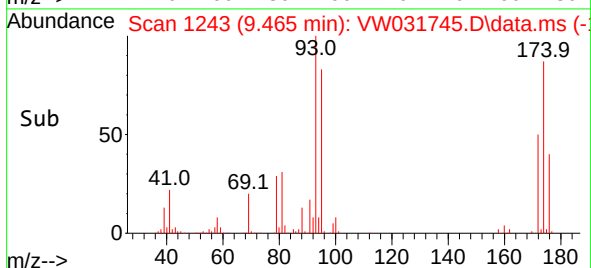
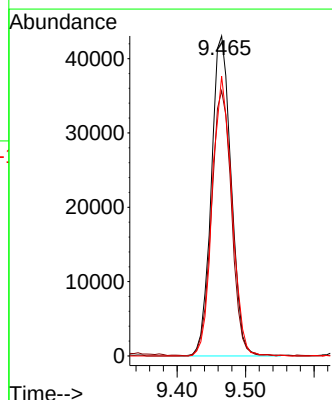
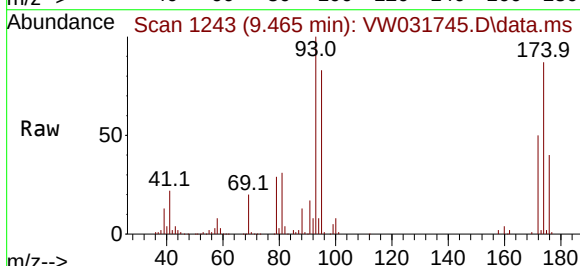
Tgt Ion: 93 Resp: 86818

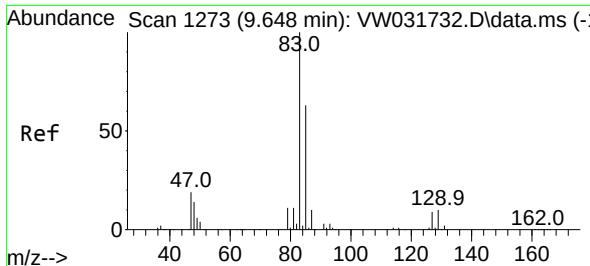
Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.4

174 86.0 71.7 107.5

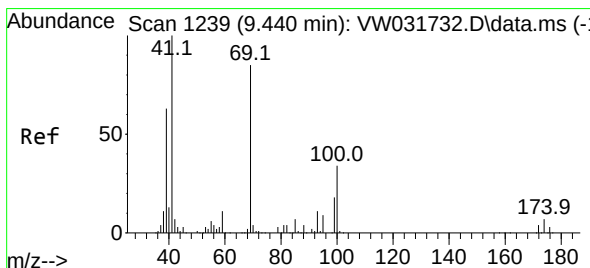
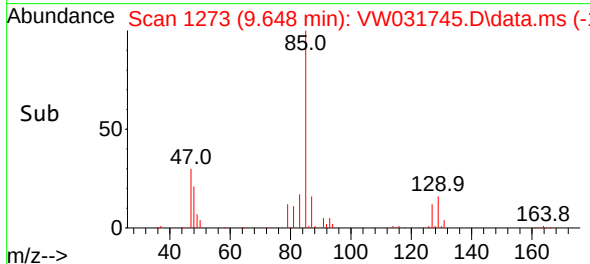
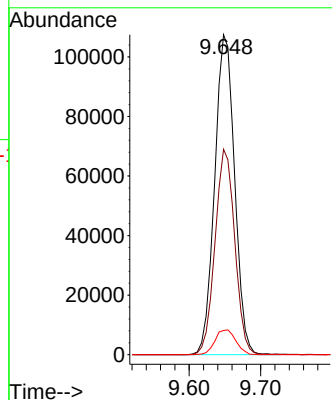
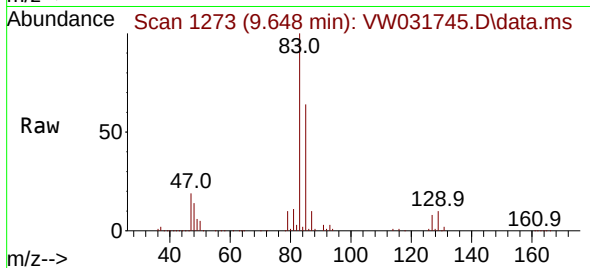




#47
Bromodichloromethane
Concen: 52.015 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

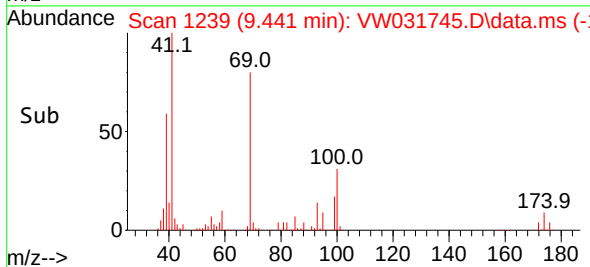
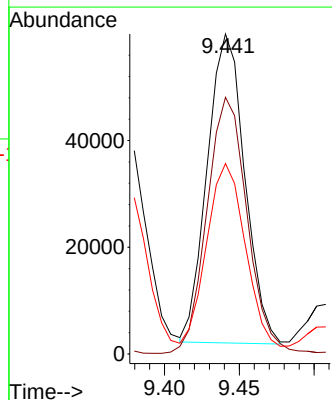
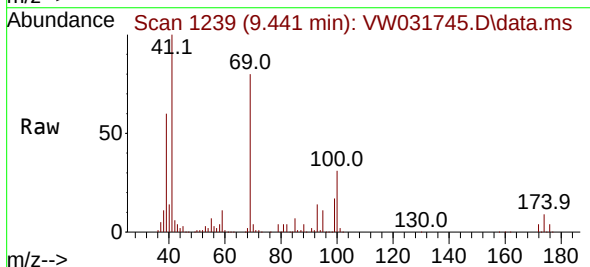
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

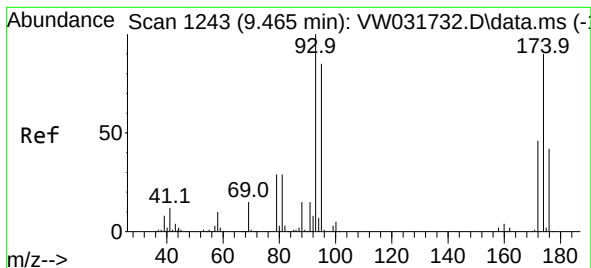
Tgt Ion: 83 Resp: 208387
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 7.5 6.8 10.2



#48
Methyl methacrylate
Concen: 51.074 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 41 Resp: 101063
Ion Ratio Lower Upper
41 100
69 89.0 71.6 107.4
39 60.3 49.5 74.3





#49

1,4-Dioxane

Concen: 977.382 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

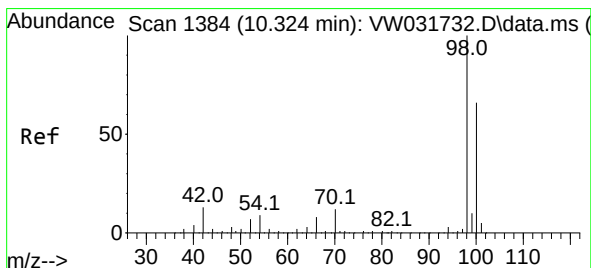
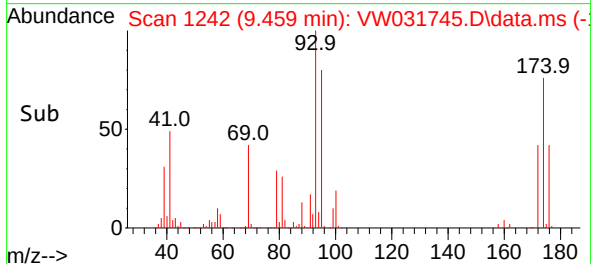
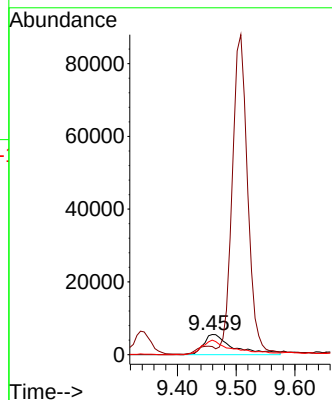
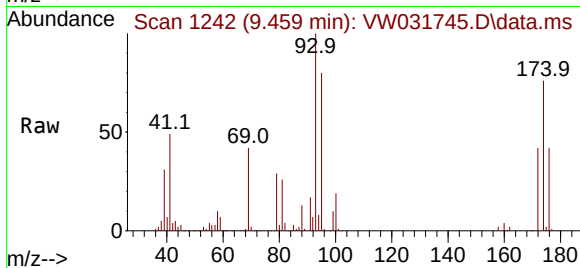
Tgt Ion: 88 Resp: 19557

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.1 58.3 87.5



#50

Toluene-d8

Concen: 52.329 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031745.D

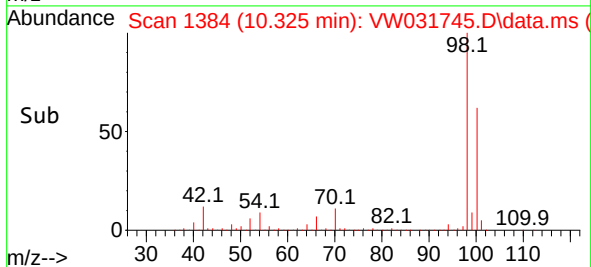
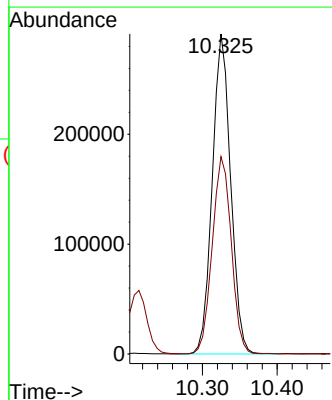
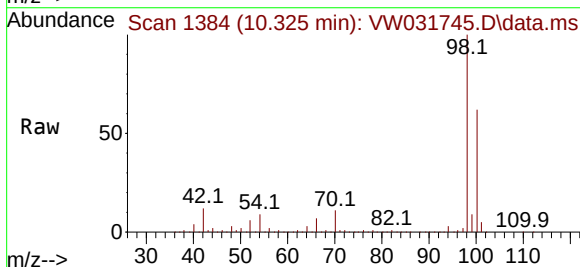
Acq: 01 Jul 2025 13:18

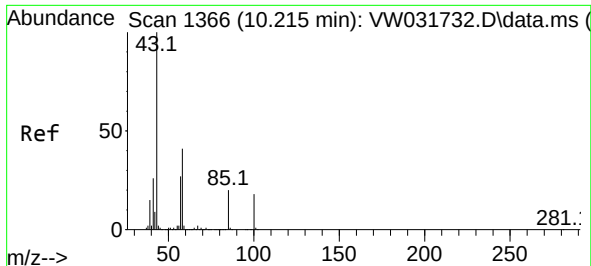
Tgt Ion: 98 Resp: 498041

Ion Ratio Lower Upper

98 100

100 64.1 53.0 79.4

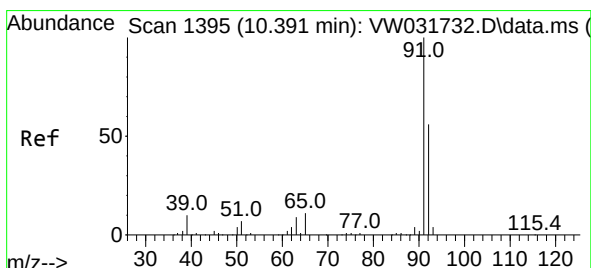
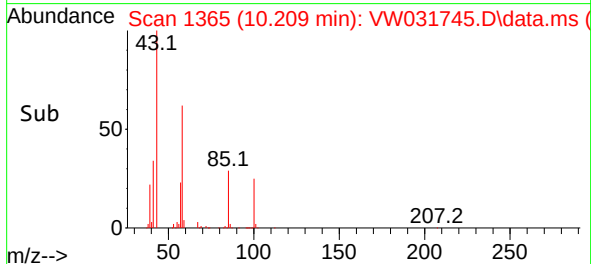
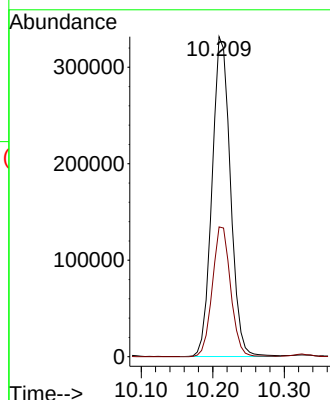
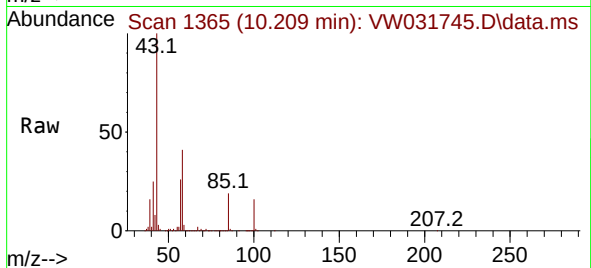




#51
4-Methyl-2-Pentanone
Concen: 255.812 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

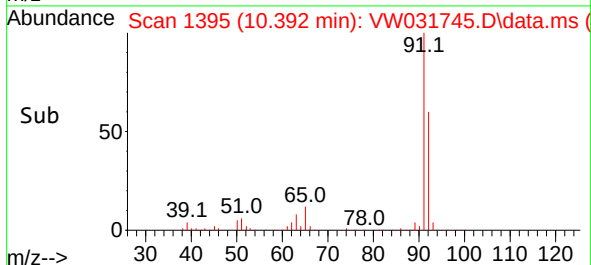
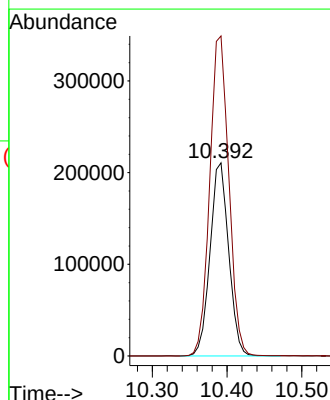
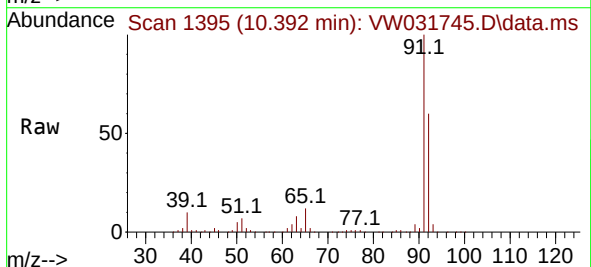
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

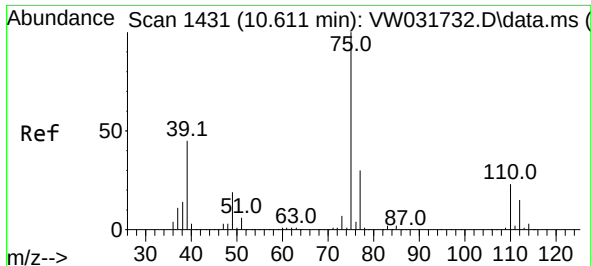
Tgt Ion: 43 Resp: 591843
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 52.027 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 92 Resp: 364730
Ion Ratio Lower Upper
92 100
91 169.8 139.5 209.3

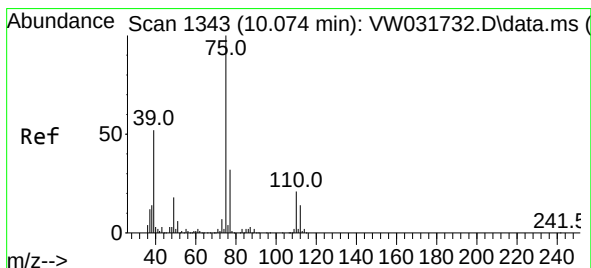
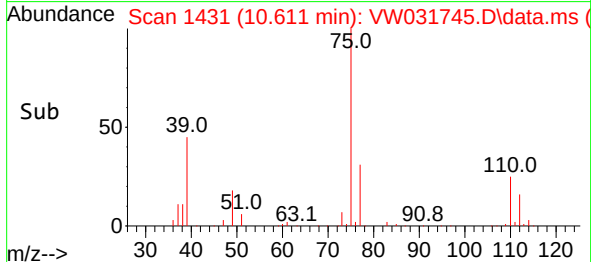
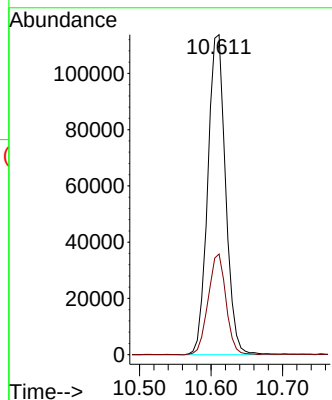
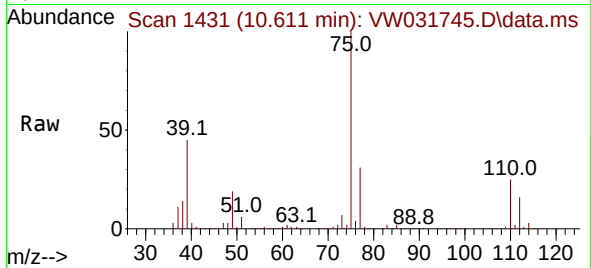




#53
t-1,3-Dichloropropene
Concen: 52.345 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

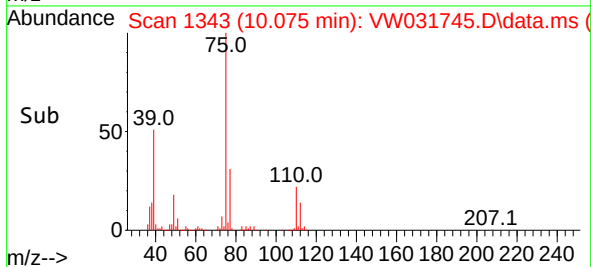
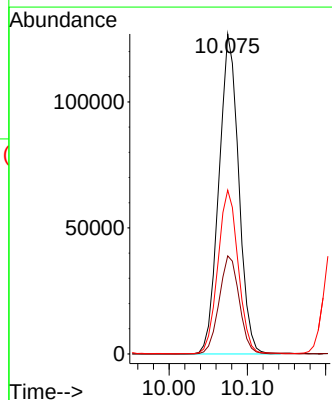
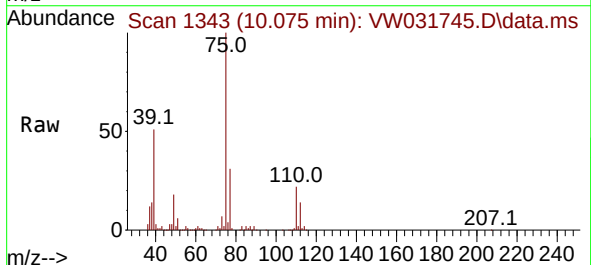
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

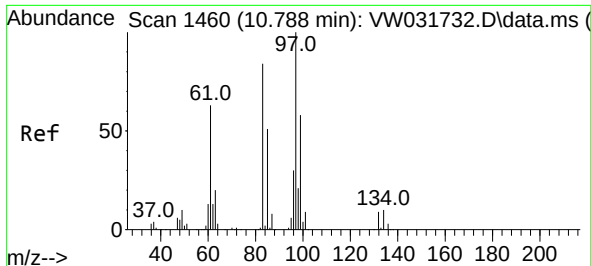
Tgt Ion: 75 Resp: 196759
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 52.330 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 75 Resp: 222991
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 51.1 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 51.667 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 115627

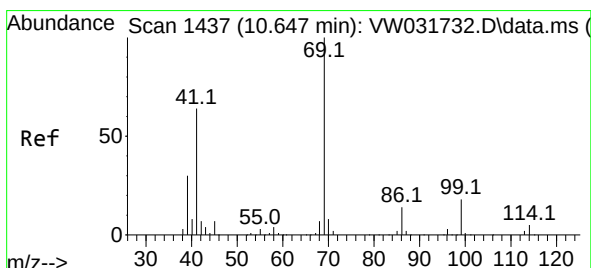
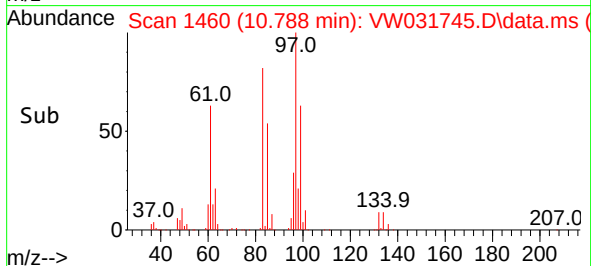
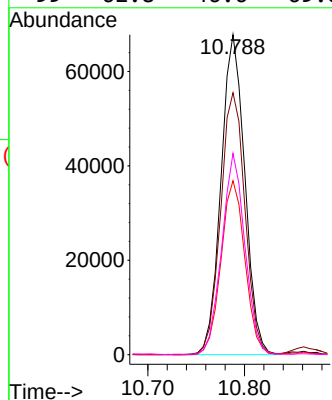
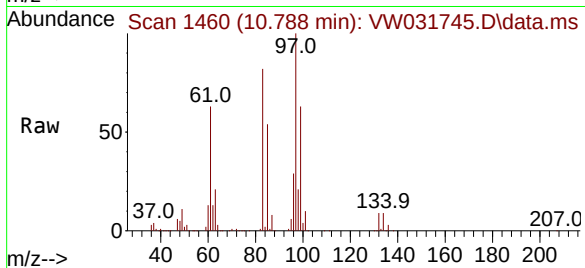
Ion Ratio Lower Upper

97 100

83 81.8 66.9 100.3

85 54.4 41.1 61.7

99 62.8 46.6 69.8



#56

Ethyl methacrylate

Concen: 53.547 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

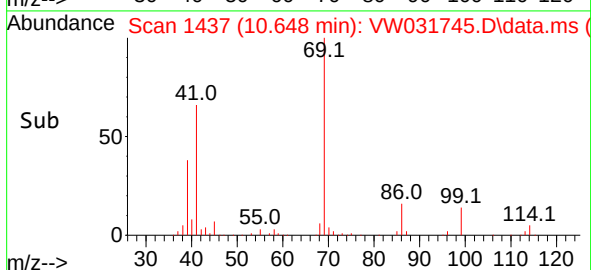
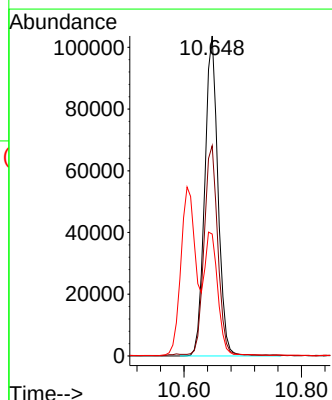
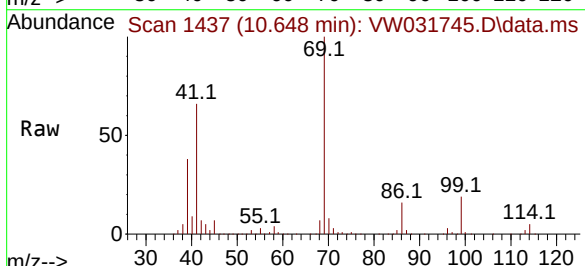
Tgt Ion: 69 Resp: 162577

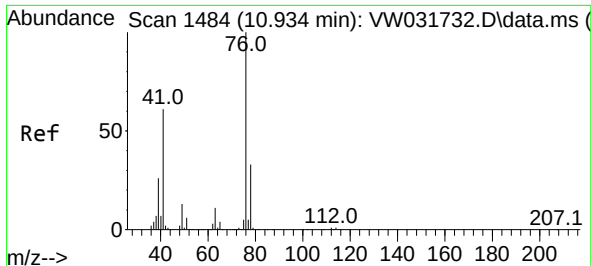
Ion Ratio Lower Upper

69 100

41 67.2 53.3 79.9

39 37.3 30.2 45.2





#57

1,3-Dichloropropane

Concen: 51.363 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

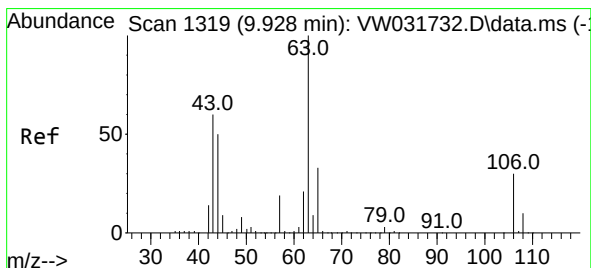
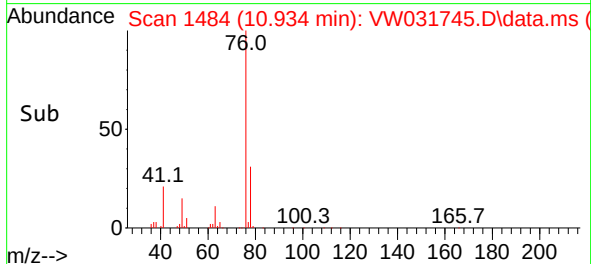
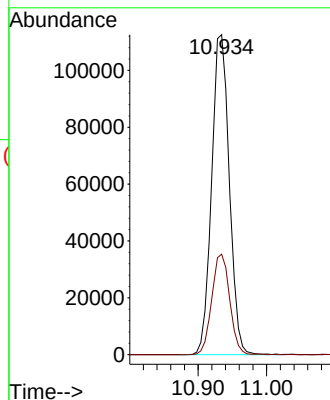
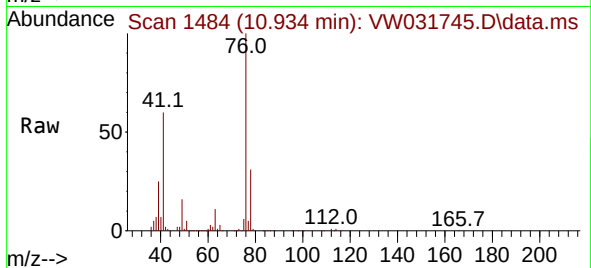
VSTDCCC050EC

Tgt Ion: 76 Resp: 201815

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.934 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031745.D

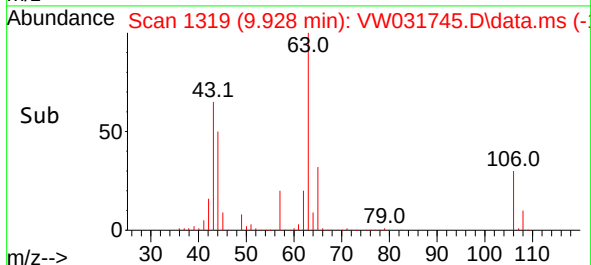
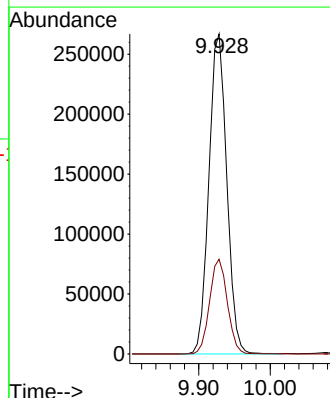
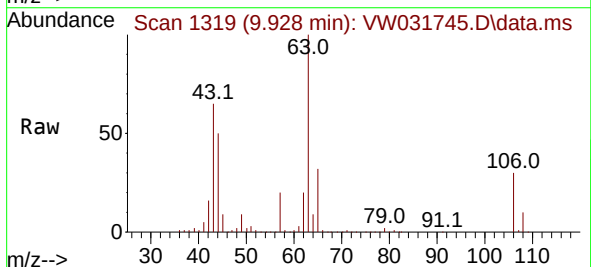
Acq: 01 Jul 2025 13:18

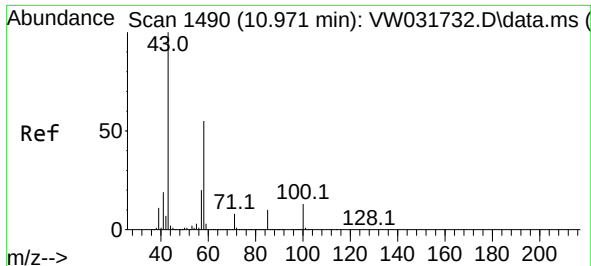
Tgt Ion: 63 Resp: 462990

Ion Ratio Lower Upper

63 100

106 29.4 24.1 36.1

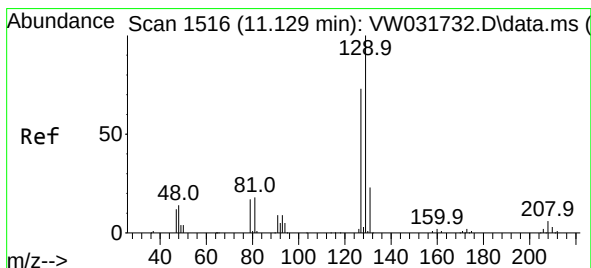
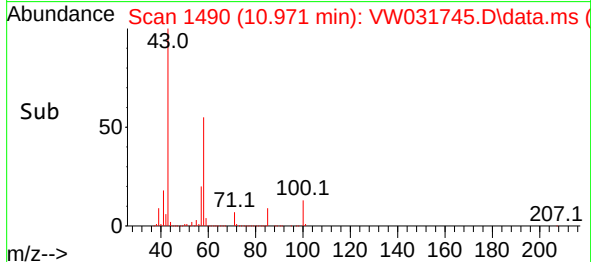
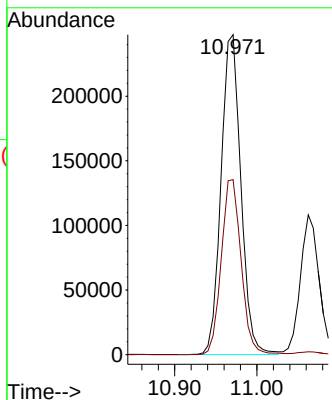
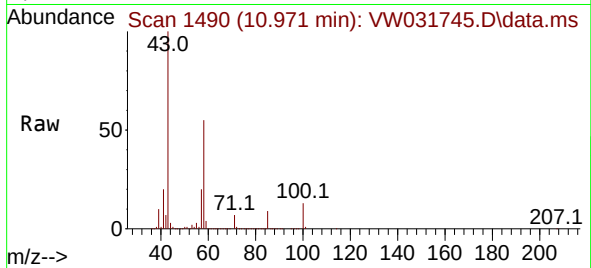




#59
2-Hexanone
Concen: 264.567 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

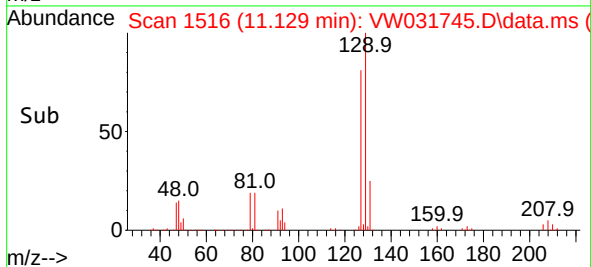
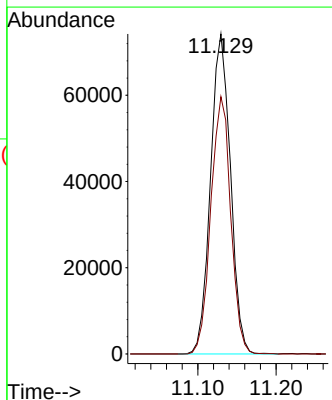
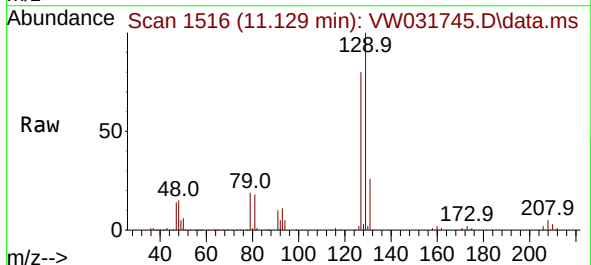
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

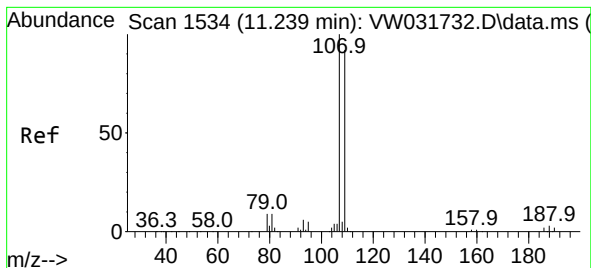
Tgt Ion: 43 Resp: 414784
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6



#60
Dibromochloromethane
Concen: 48.977 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 129 Resp: 131072
Ion Ratio Lower Upper
129 100
127 80.3 38.0 114.1

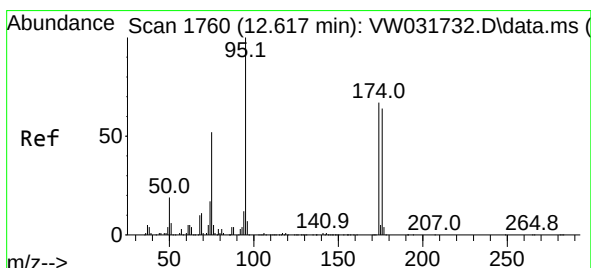
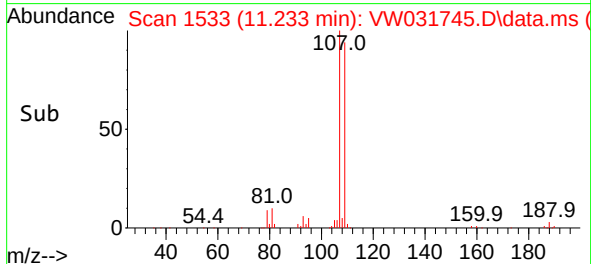
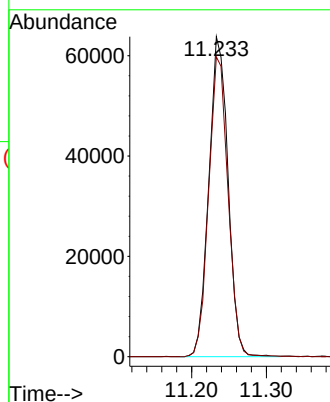
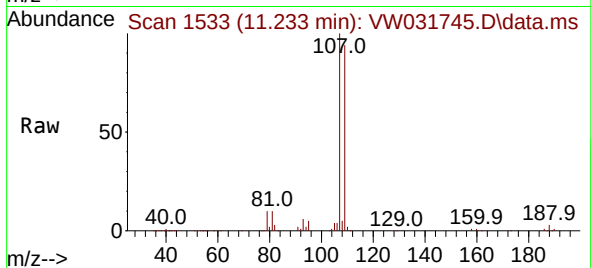




#61
1,2-Dibromoethane
Concen: 50.702 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

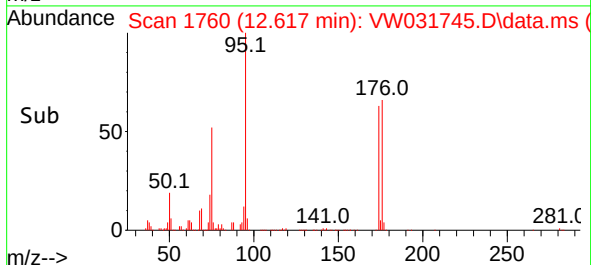
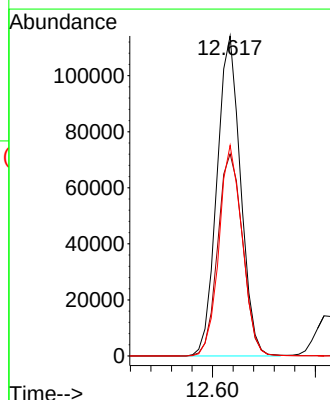
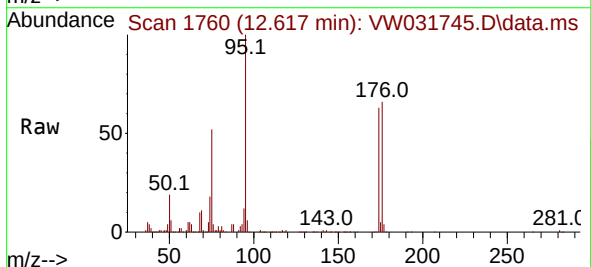
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

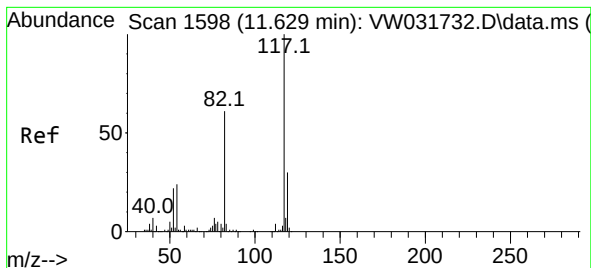
Tgt Ion:107 Resp: 113591
Ion Ratio Lower Upper
107 100
109 94.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.992 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 95 Resp: 182098
Ion Ratio Lower Upper
95 100
174 66.5 0.0 133.8
176 64.7 0.0 126.0

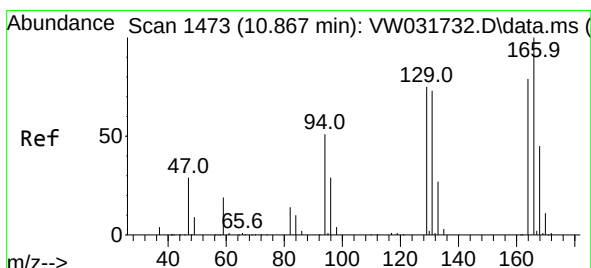
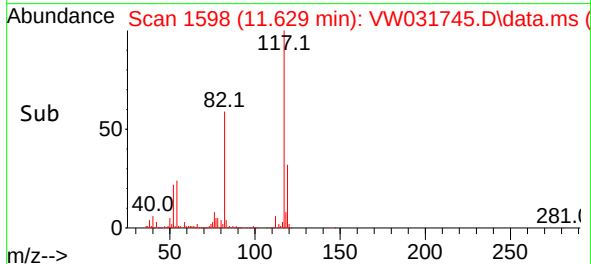
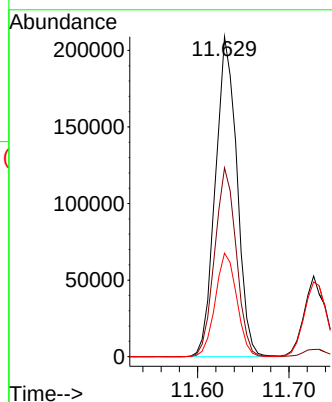
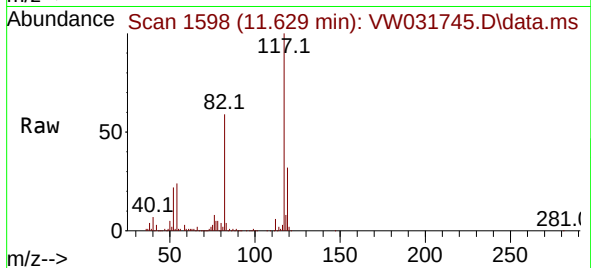




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

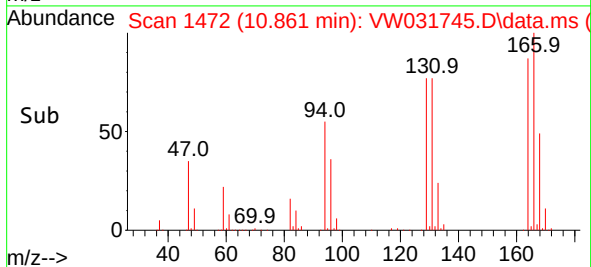
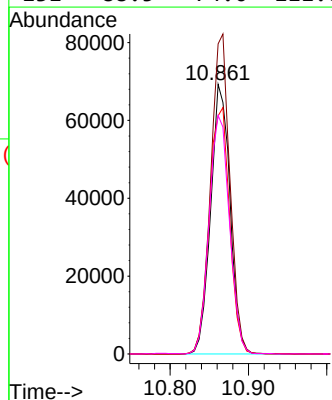
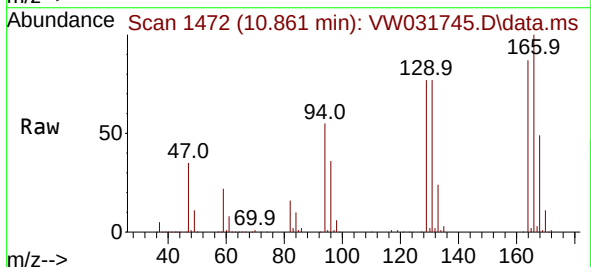
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

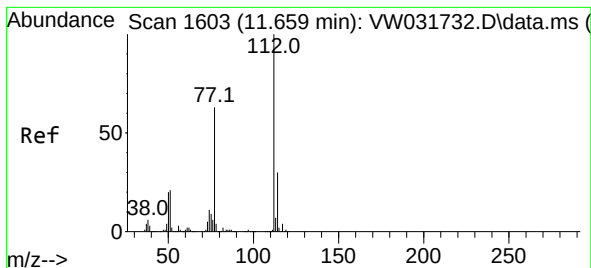
Tgt Ion:117 Resp: 342725
Ion Ratio Lower Upper
117 100
82 59.0 48.6 72.8
119 32.4 23.9 35.9



#64
Tetrachloroethene
Concen: 52.763 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:164 Resp: 118285
Ion Ratio Lower Upper
164 100
166 115.0 100.7 151.1
129 88.3 75.4 113.0
131 88.5 74.0 111.0

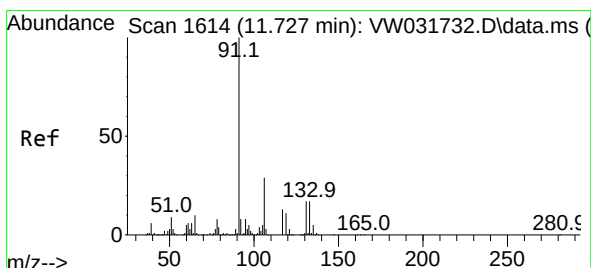
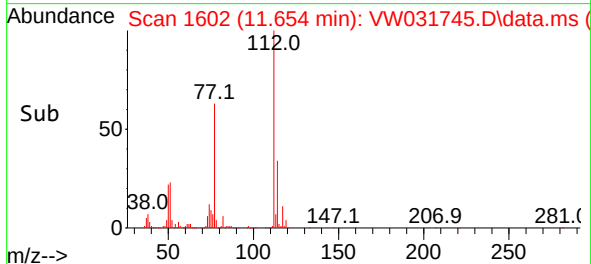
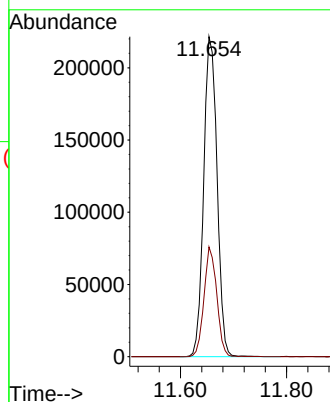
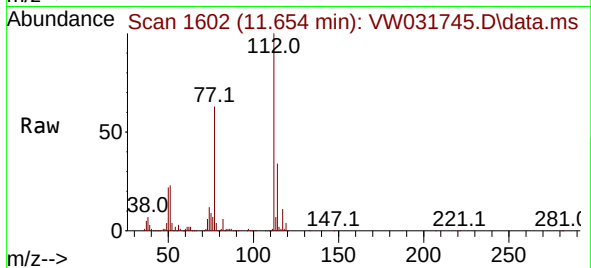




#65
Chlorobenzene
Concen: 51.249 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

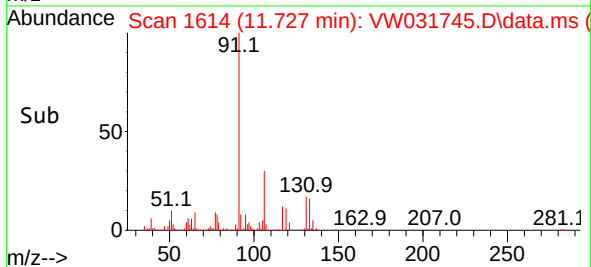
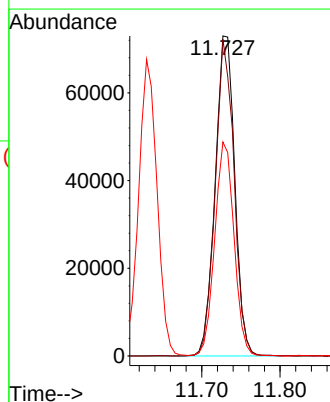
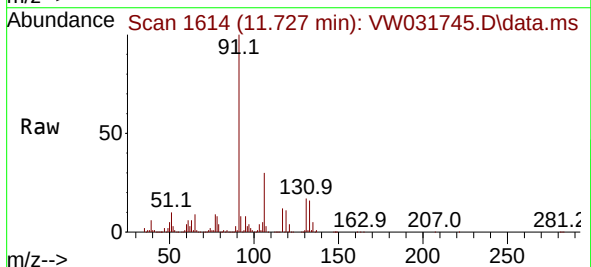
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

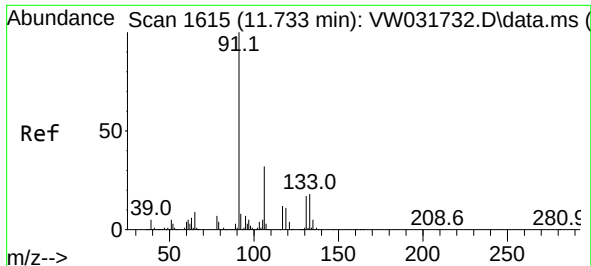
Tgt Ion:112 Resp: 387531
Ion Ratio Lower Upper
112 100
114 34.3 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.923 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:131 Resp: 127528
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.6
119 65.7 32.5 97.5





#67

Ethyl Benzene

Concen: 52.683 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

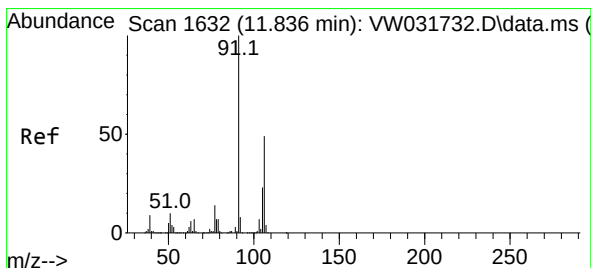
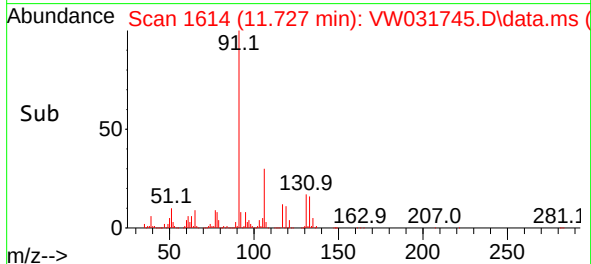
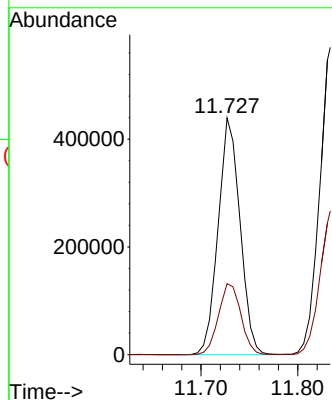
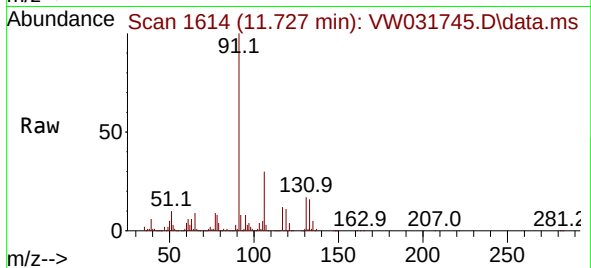
VSTDCCC050EC

Tgt Ion: 91 Resp: 690794

Ion Ratio Lower Upper

91 100

106 30.0 25.4 38.2



#68

m/p-Xylenes

Concen: 104.932 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031745.D

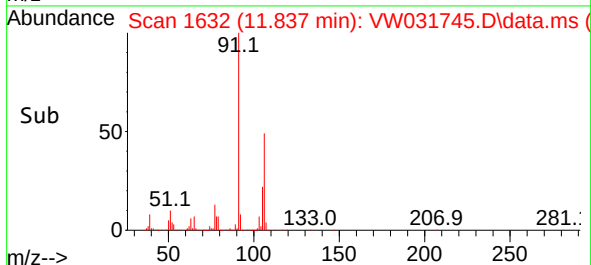
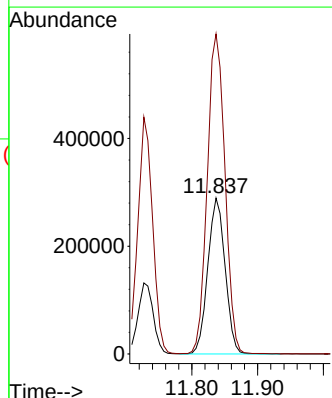
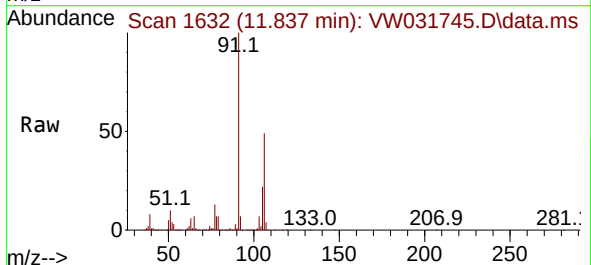
Acq: 01 Jul 2025 13:18

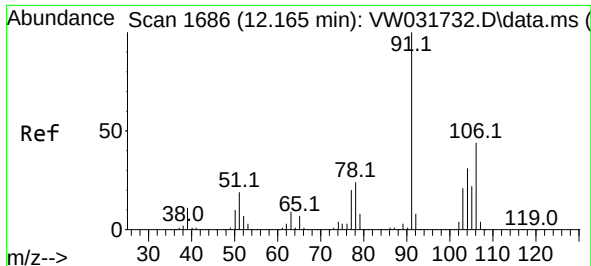
Tgt Ion:106 Resp: 528917

Ion Ratio Lower Upper

106 100

91 210.5 166.4 249.6

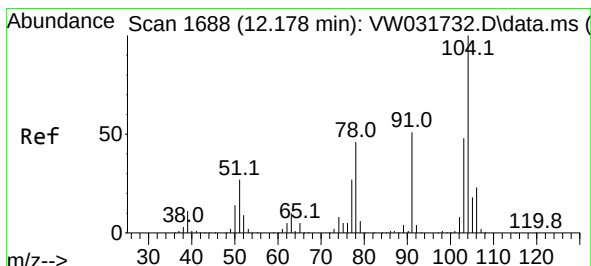
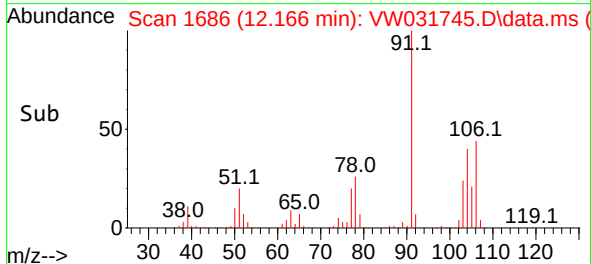
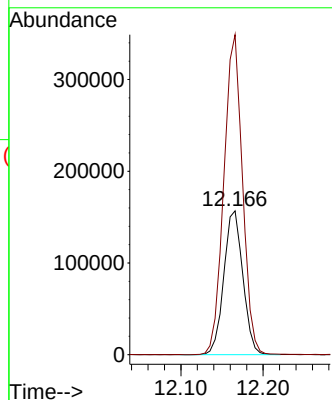
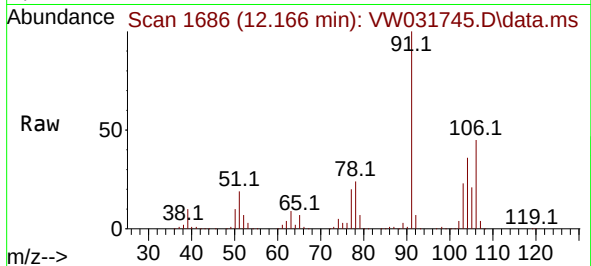




#69
o-Xylene
Concen: 54.084 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

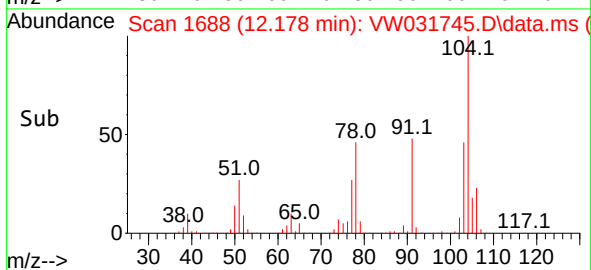
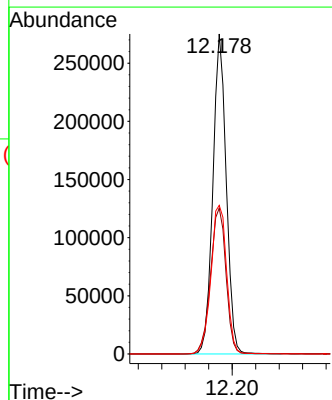
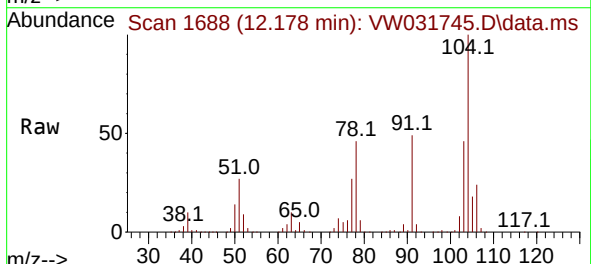
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

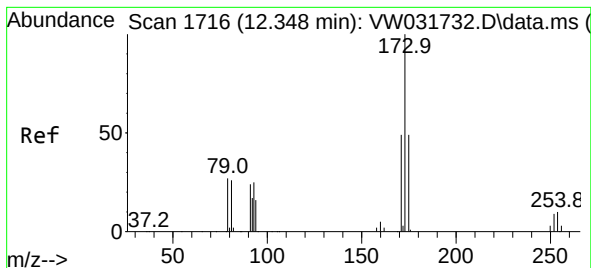
Tgt Ion:106 Resp: 252409
Ion Ratio Lower Upper
106 100
91 218.2 111.5 334.4



#70
Styrene
Concen: 53.862 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:104 Resp: 434571
Ion Ratio Lower Upper
104 100
78 52.7 42.1 63.1
103 54.6 43.0 64.6





#71

Bromoform

Concen: 52.184 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

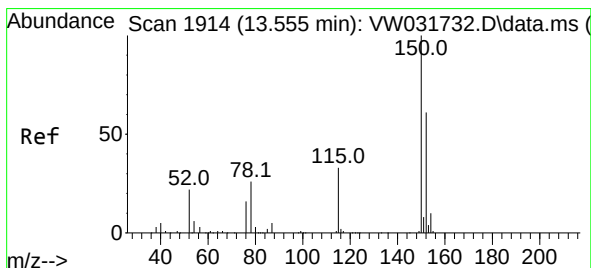
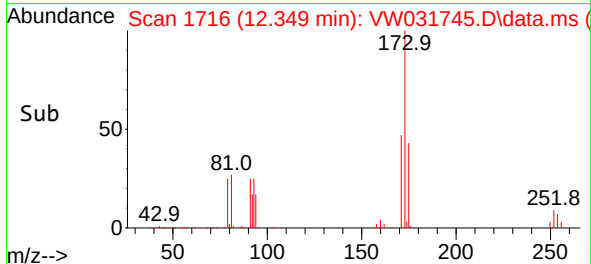
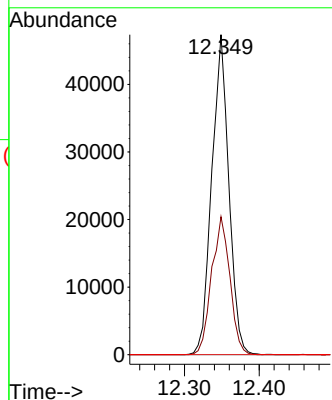
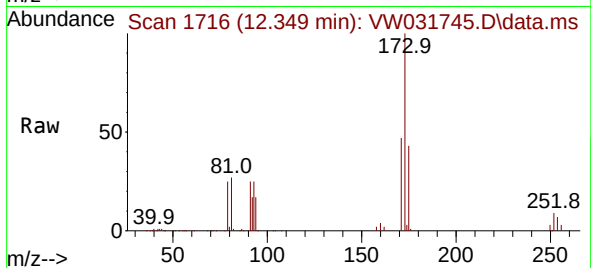
Tgt Ion:173 Resp: 75015

Ion Ratio Lower Upper

173 100

175 46.1 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

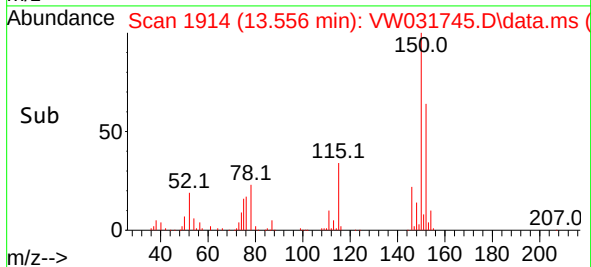
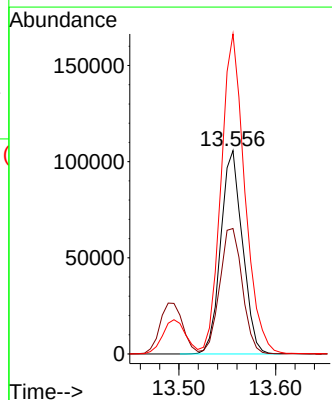
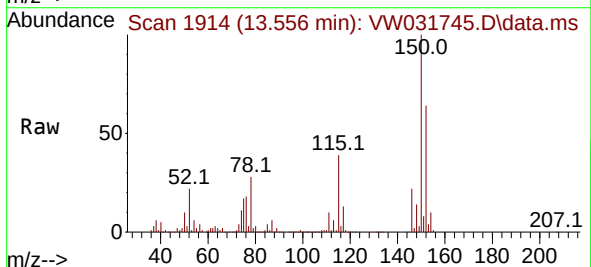
Tgt Ion:152 Resp: 164772

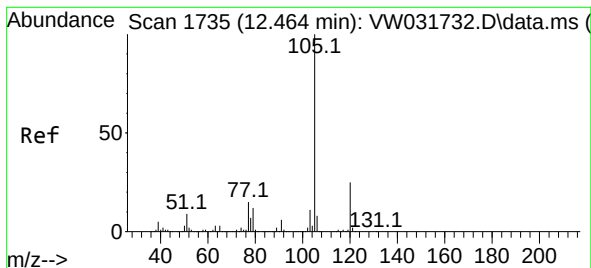
Ion Ratio Lower Upper

152 100

115 64.1 31.9 95.7

150 171.9 0.0 356.4





#73

Isopropylbenzene

Concen: 52.695 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

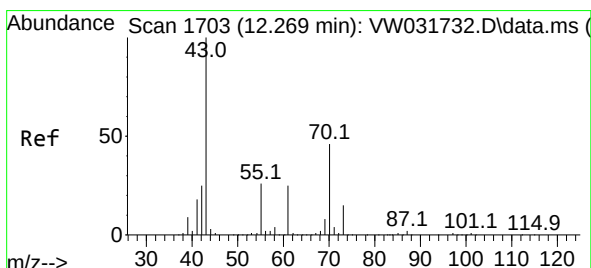
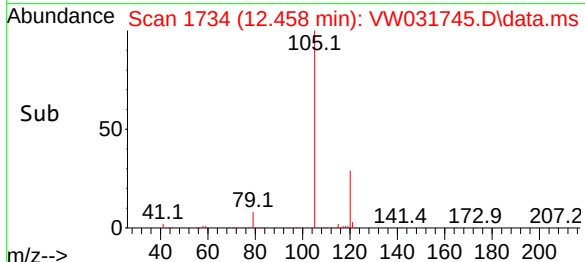
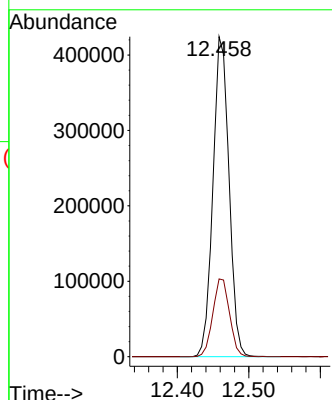
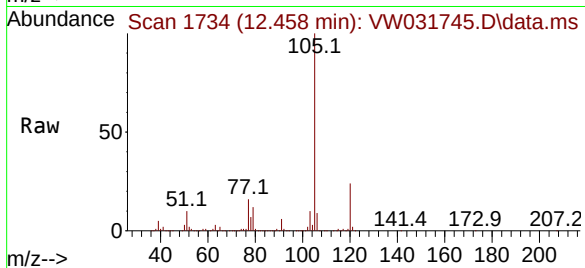
VSTDCCC050EC

Tgt Ion:105 Resp: 660450

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



#74

N-ethyl acetate

Concen: 54.208 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Tgt Ion: 43 Resp: 183124

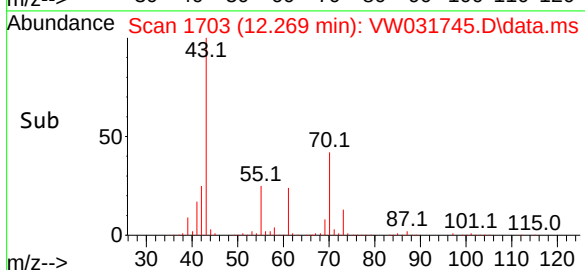
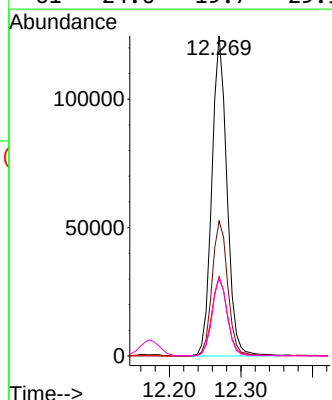
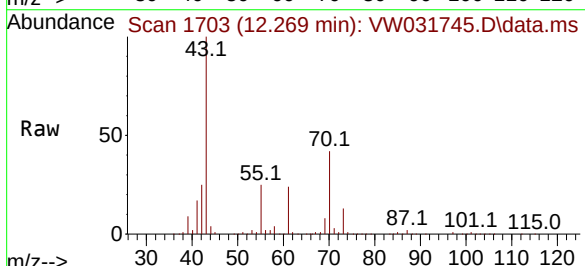
Ion Ratio Lower Upper

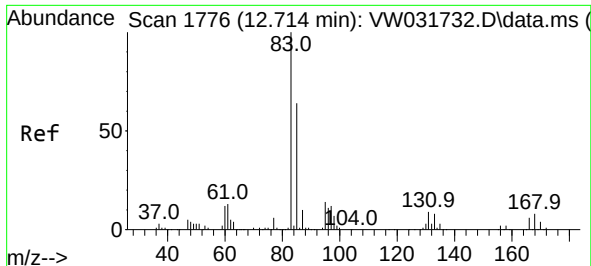
43 100

70 43.8 36.0 54.0

55 25.6 20.8 31.2

61 24.6 19.7 29.5

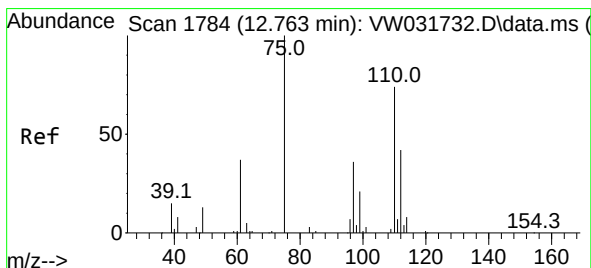
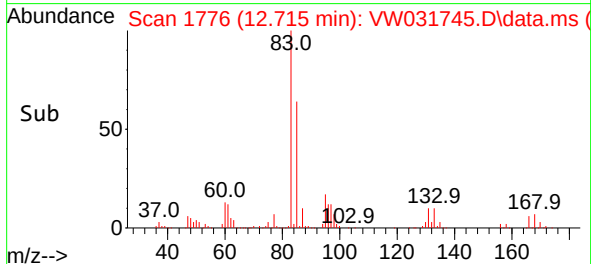
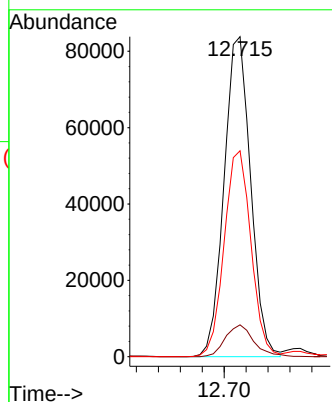
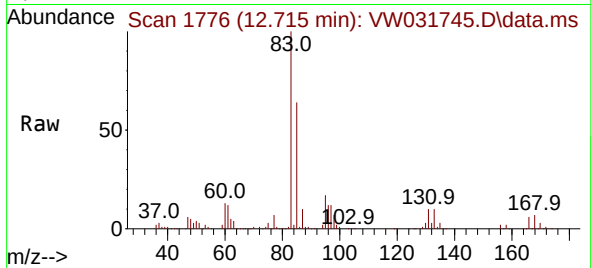




#75
1,1,2,2-Tetrachloroethane
Concen: 50.710 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

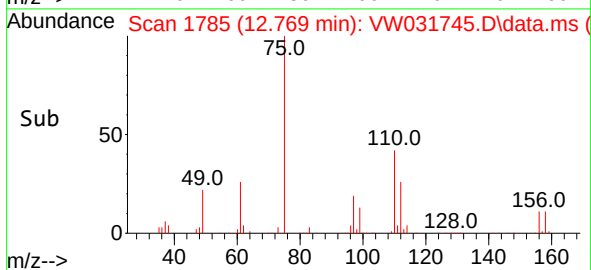
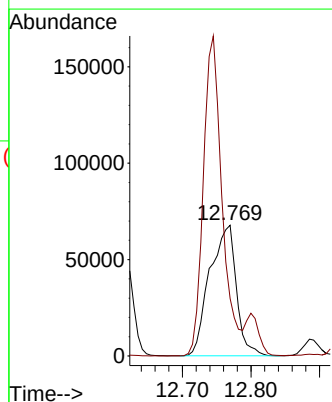
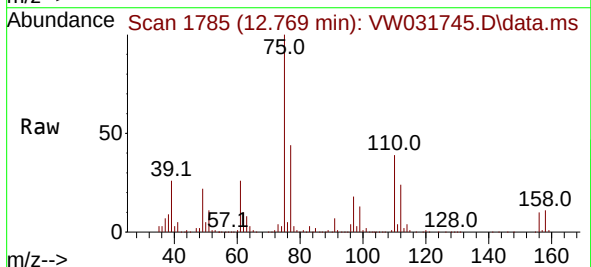
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

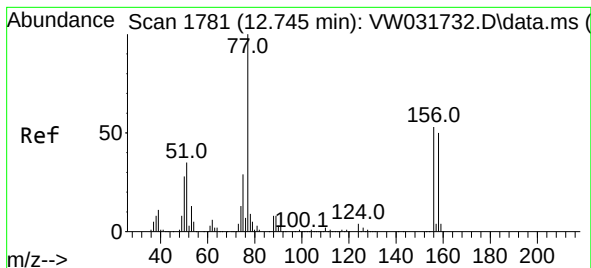
Tgt Ion: 83 Resp: 141104
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 64.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 85.823 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 75 Resp: 182744
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 51.616 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

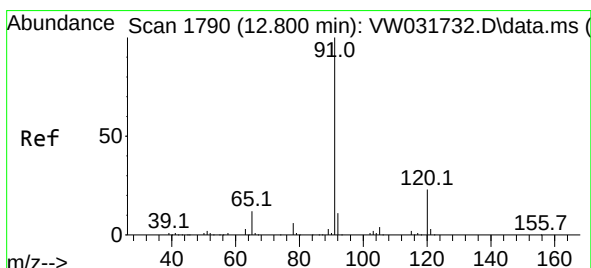
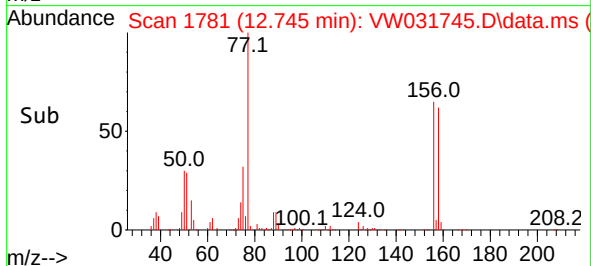
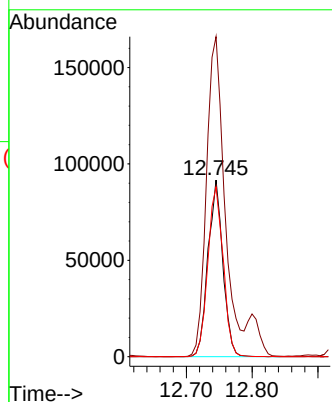
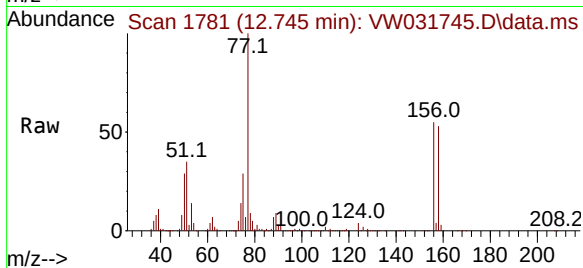
Tgt Ion:156 Resp: 144287

Ion Ratio Lower Upper

156 100

77 219.8 117.9 353.7

158 99.7 52.6 157.8



#78

n-propylbenzene

Concen: 52.330 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031745.D

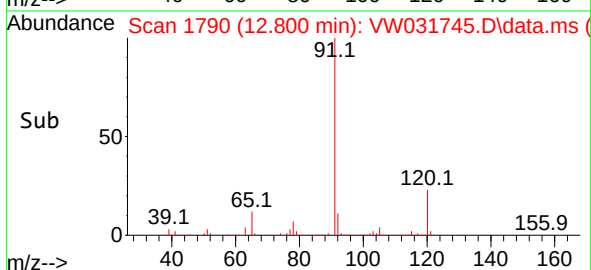
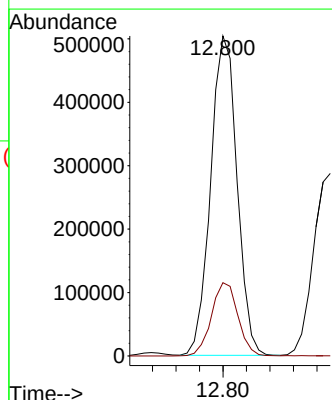
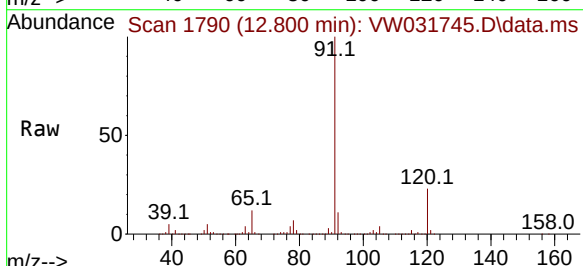
Acq: 01 Jul 2025 13:18

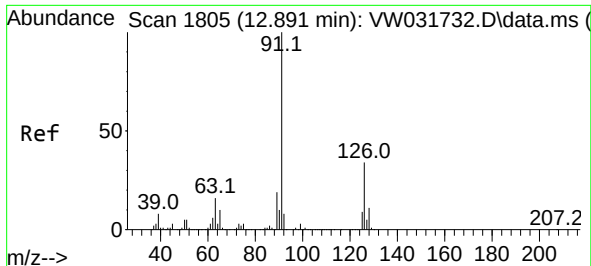
Tgt Ion: 91 Resp: 785402

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

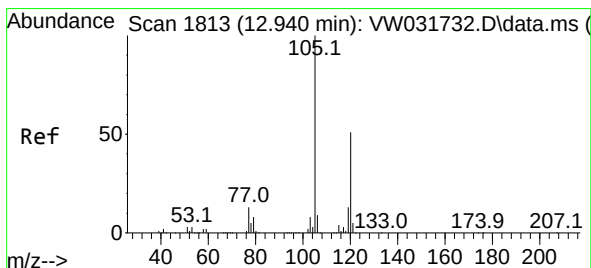
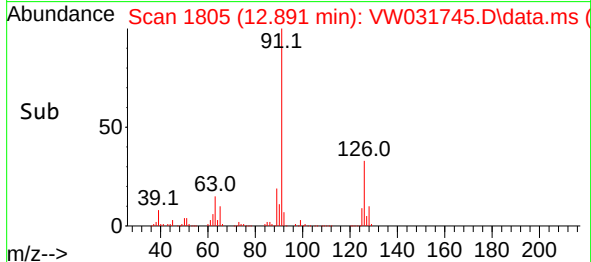
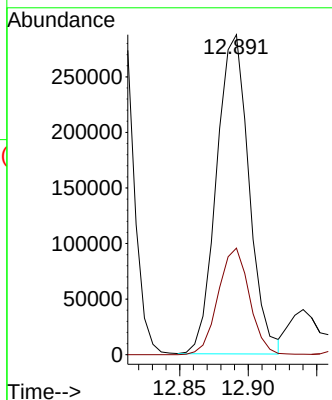
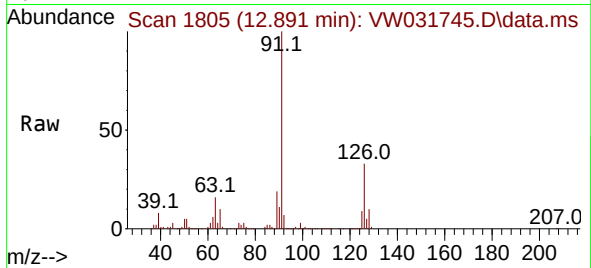




#79
2-Chlorotoluene
Concen: 52.415 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

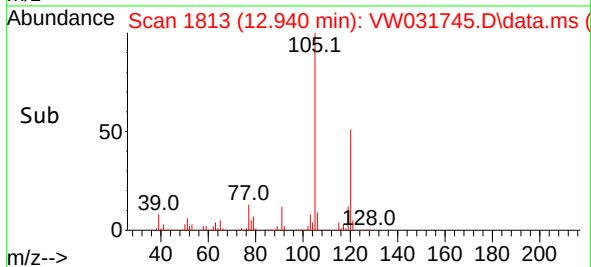
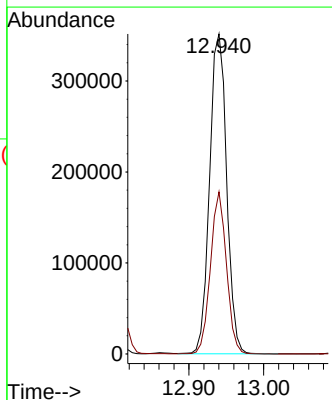
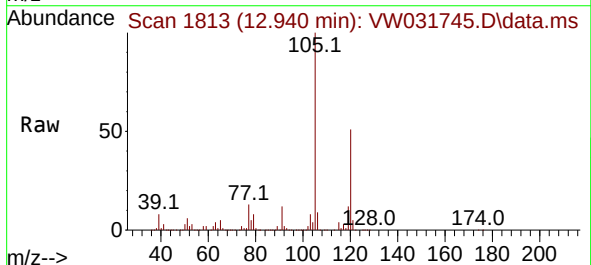
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

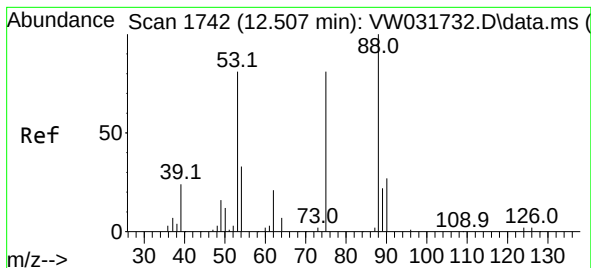
Tgt Ion: 91 Resp: 473716
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 53.818 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:105 Resp: 558336
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.2

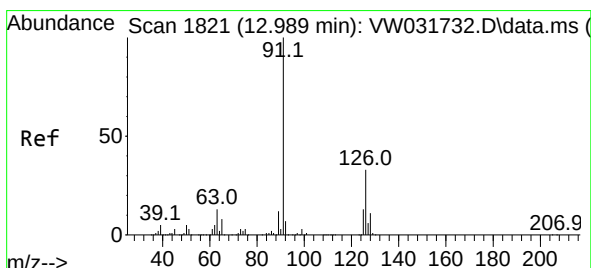
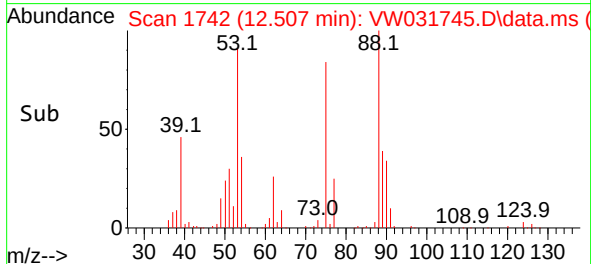
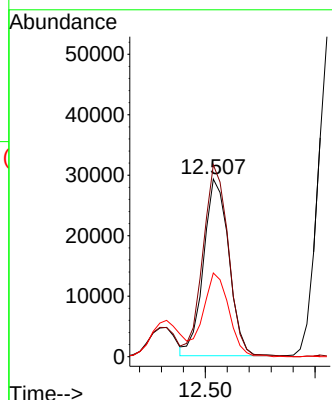
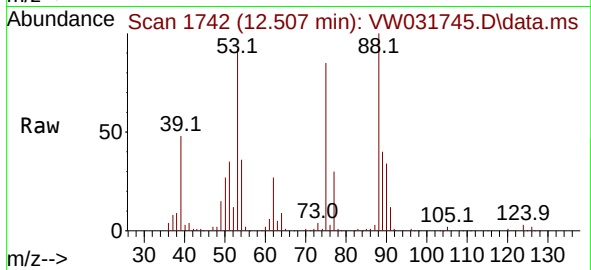




#81
trans-1,4-Dichloro-2-butene
Concen: 51.300 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

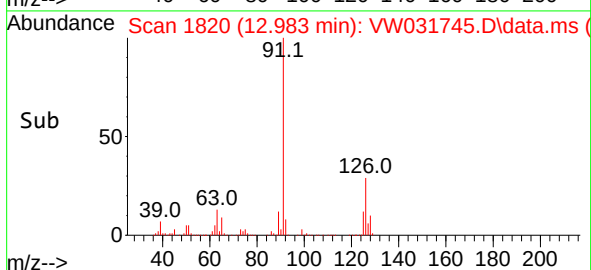
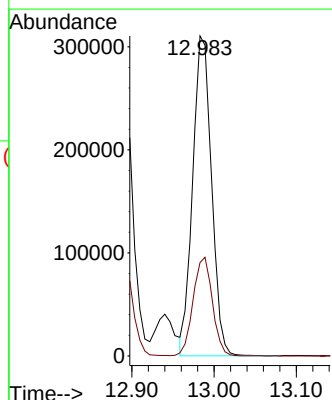
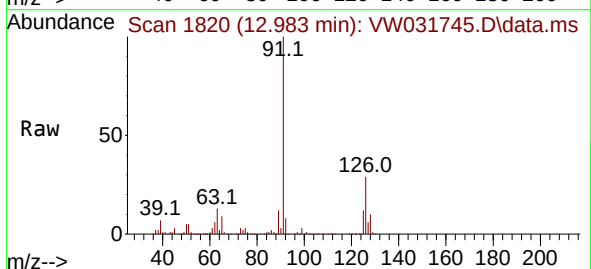
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

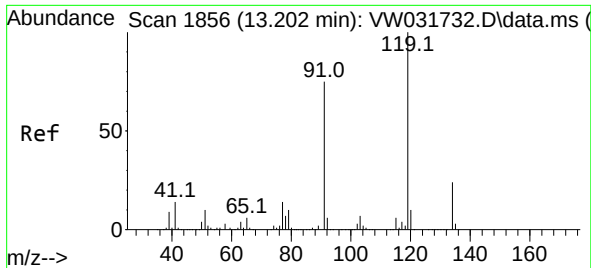
Tgt Ion: 75 Resp: 46898
Ion Ratio Lower Upper
75 100
53 110.1 83.5 125.3
89 48.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 51.914 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 91 Resp: 492588
Ion Ratio Lower Upper
91 100
126 31.8 16.0 47.9

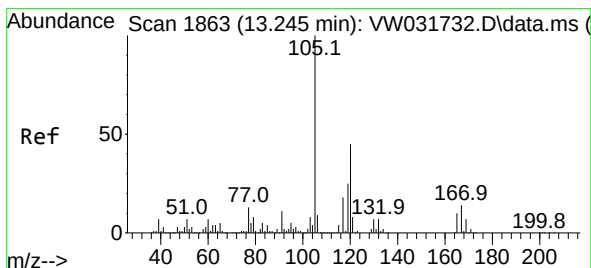
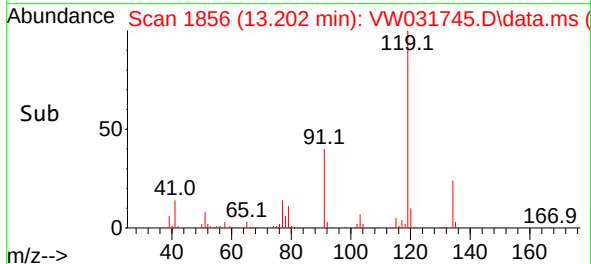
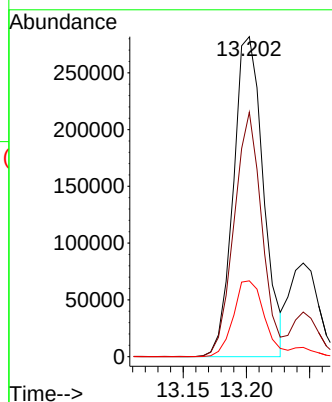
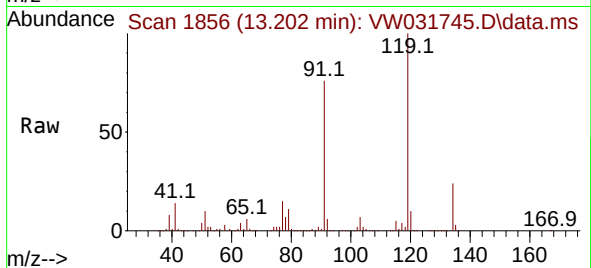




#83
tert-Butylbenzene
Concen: 52.426 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

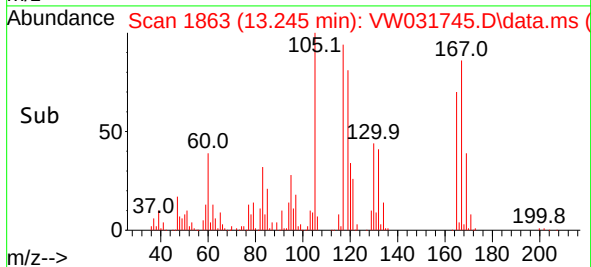
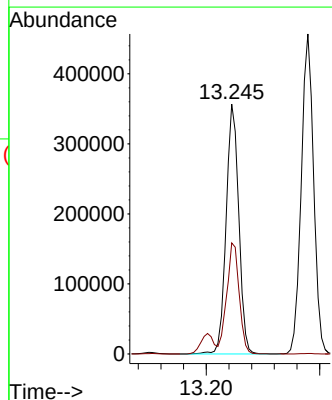
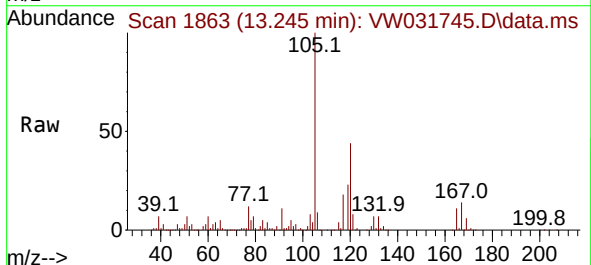
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

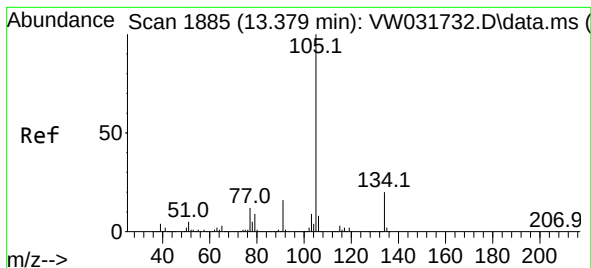
Tgt Ion:119 Resp: 465901
Ion Ratio Lower Upper
119 100
91 70.7 36.0 108.1
134 24.6 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 52.443 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion:105 Resp: 551259
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.672 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

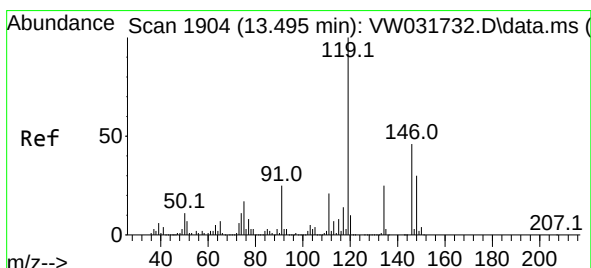
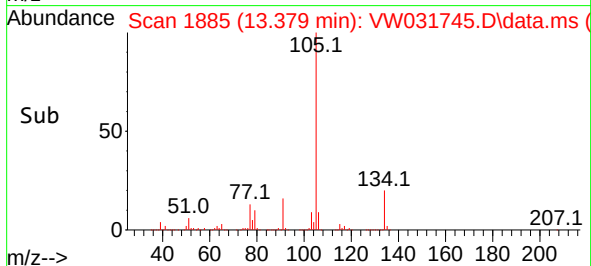
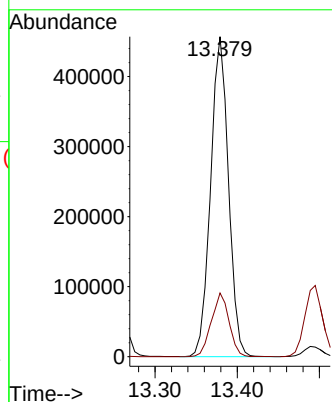
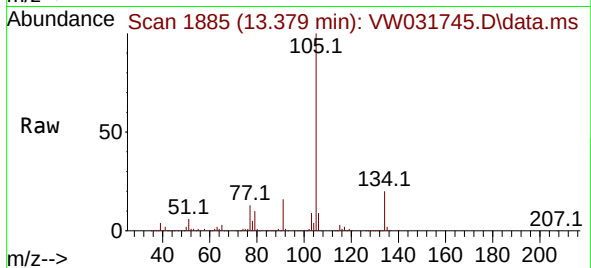
VSTDCCC050EC

Tgt Ion:105 Resp: 689245

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 52.810 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

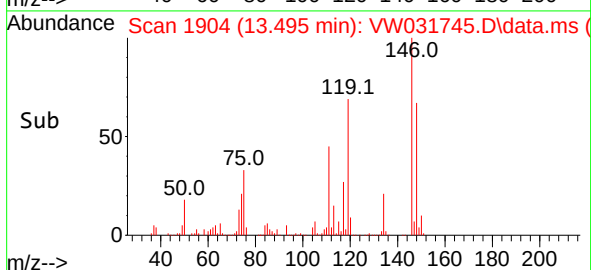
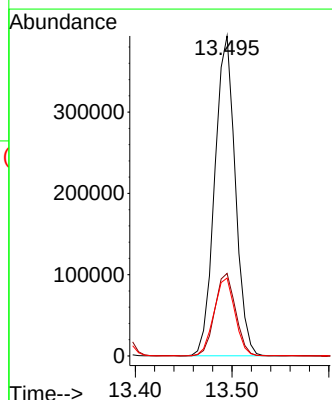
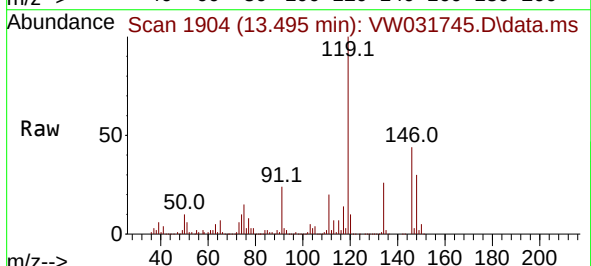
Tgt Ion:119 Resp: 580542

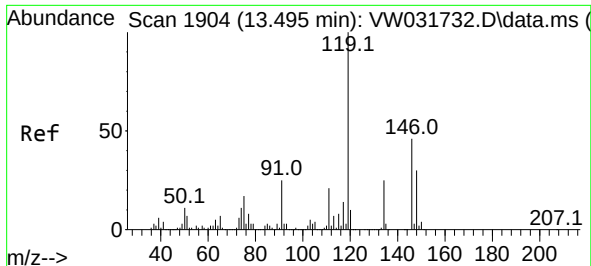
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.470 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

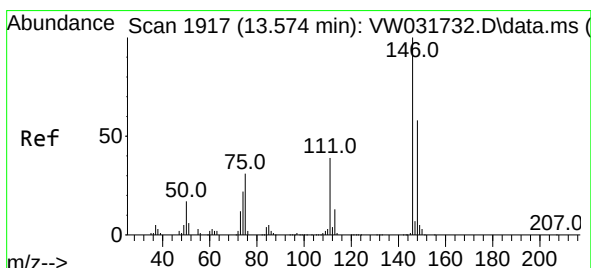
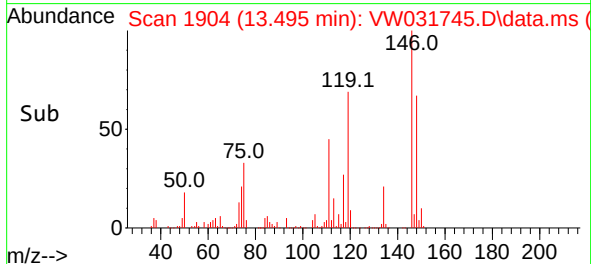
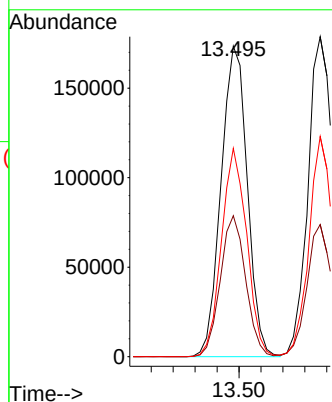
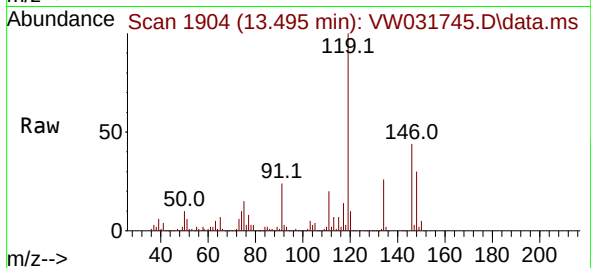
Tgt Ion:146 Resp: 288539

Ion Ratio Lower Upper

146 100

111 43.9 22.3 66.9

148 64.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.430 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

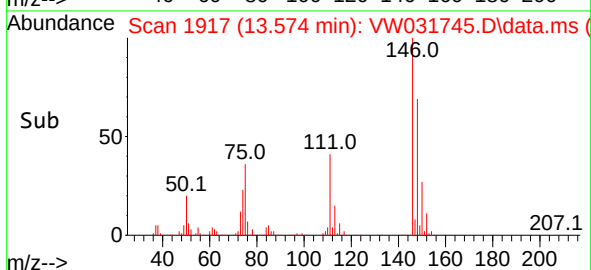
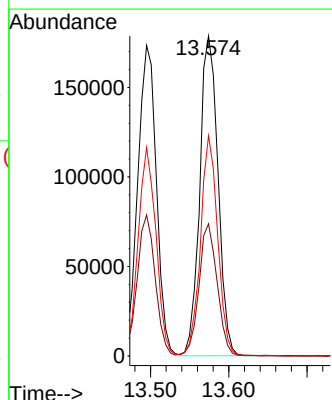
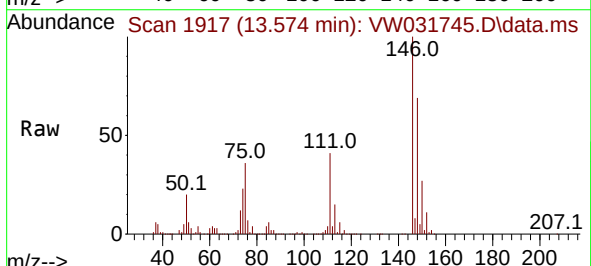
Tgt Ion:146 Resp: 289369

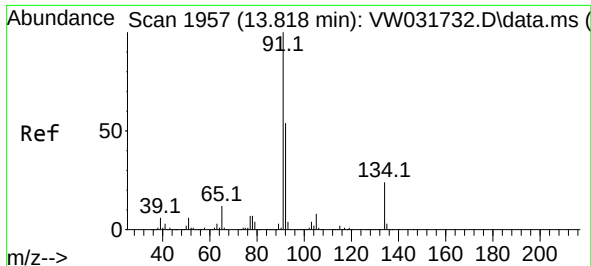
Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 64.8 30.2 90.6

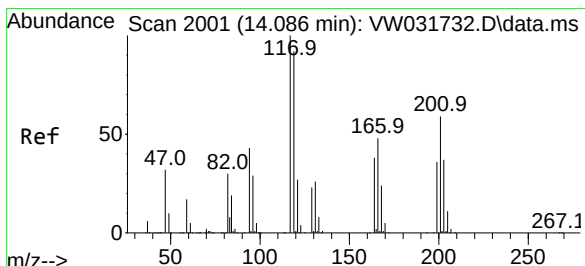
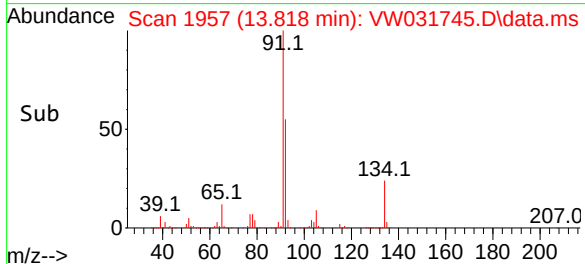
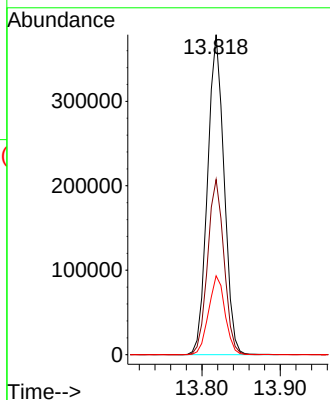
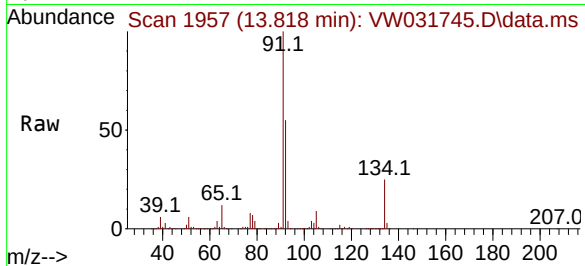




#89
n-Butylbenzene
Concen: 51.933 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

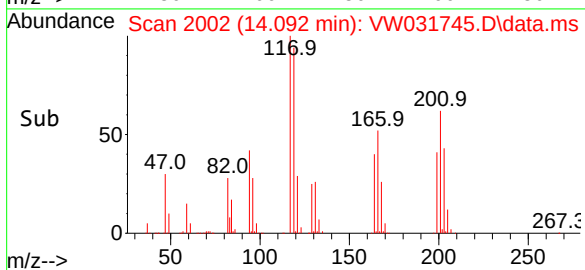
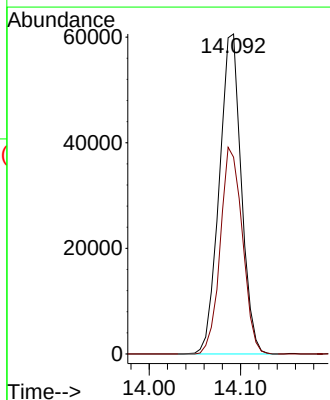
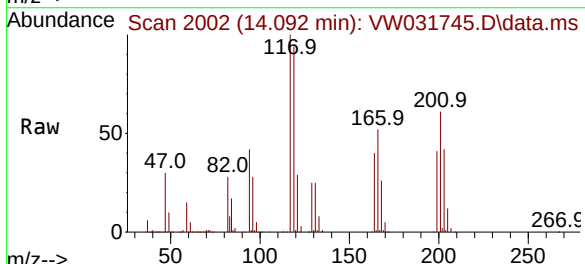
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

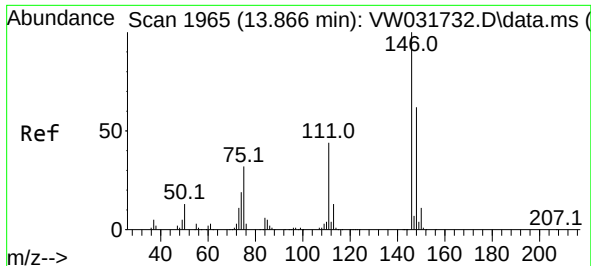
Tgt Ion: 91 Resp: 554687
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 24.5 12.2 36.6



#90
Hexachloroethane
Concen: 51.177 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031745.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 117 Resp: 101496
Ion Ratio Lower Upper
117 100
201 64.8 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 48.188 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

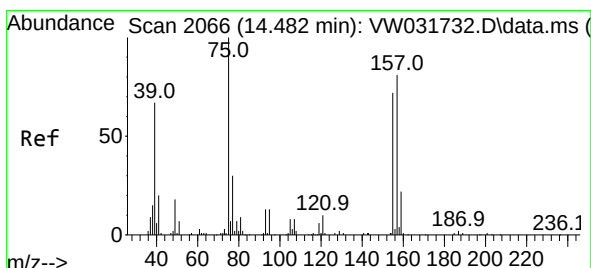
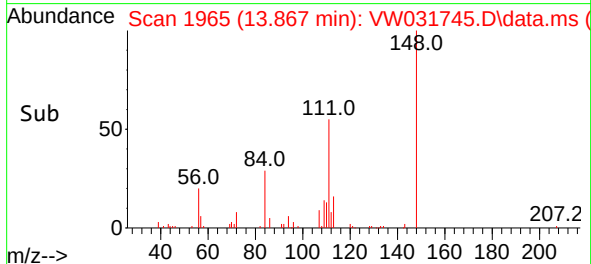
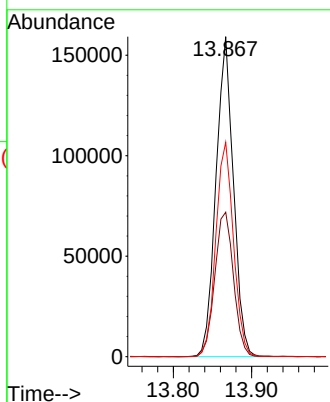
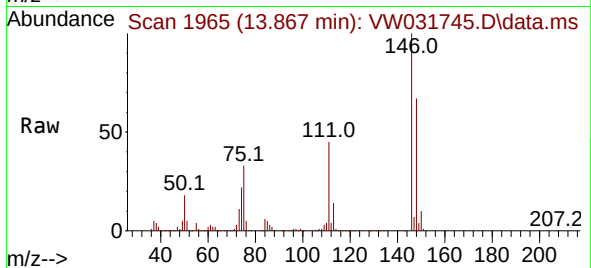
Tgt Ion:146 Resp: 246908

Ion Ratio Lower Upper

146 100

111 48.4 21.7 65.1

148 67.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.734 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

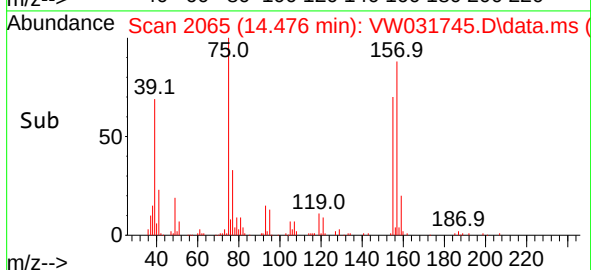
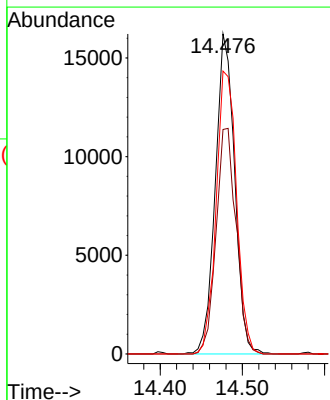
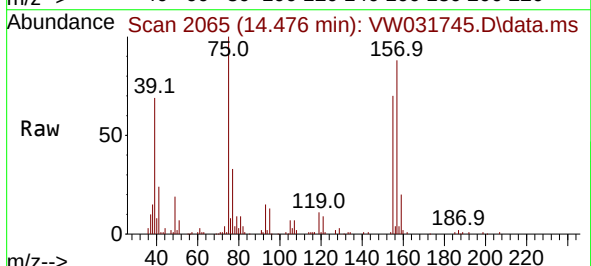
Tgt Ion: 75 Resp: 26478

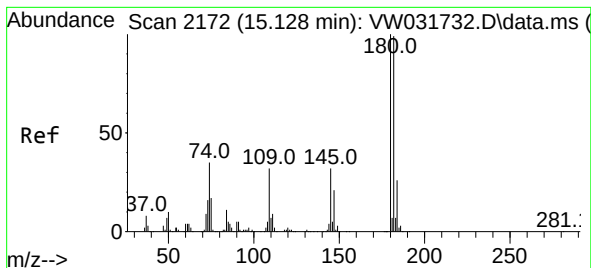
Ion Ratio Lower Upper

75 100

155 73.1 37.2 111.6

157 93.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 49.585 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

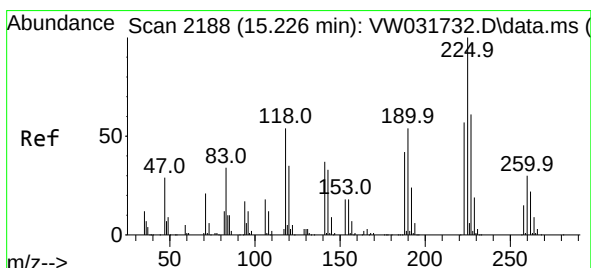
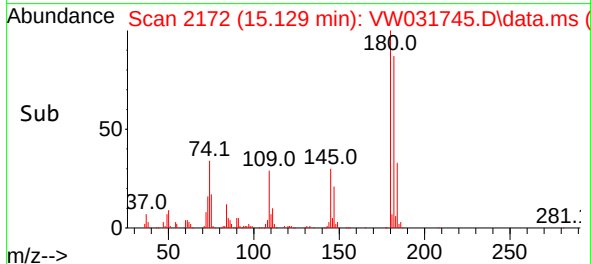
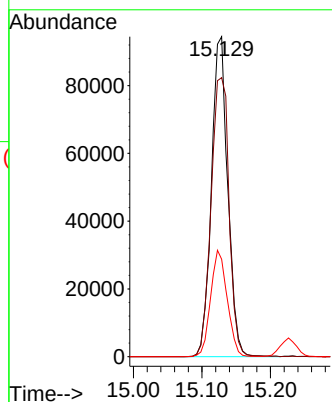
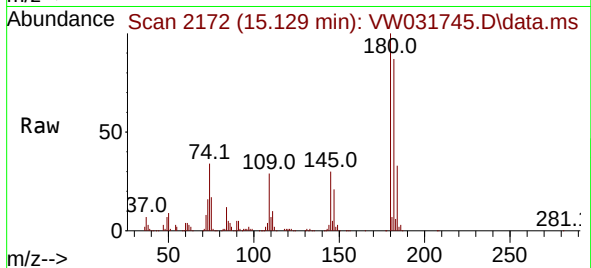
Tgt Ion:180 Resp: 156688

Ion Ratio Lower Upper

180 100

182 96.1 48.6 145.9

145 33.8 17.3 51.7



#94

Hexachlorobutadiene

Concen: 51.065 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

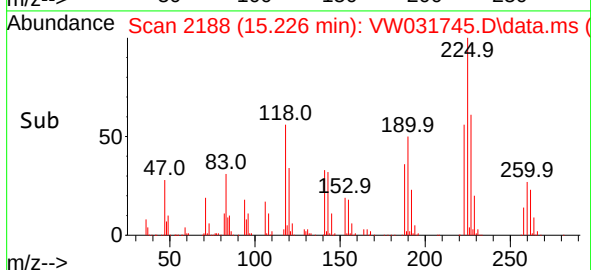
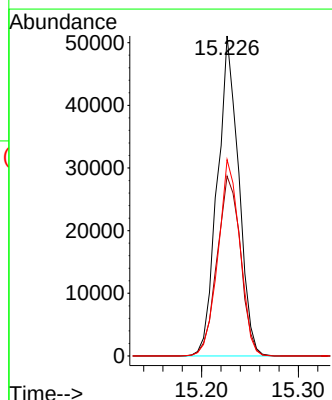
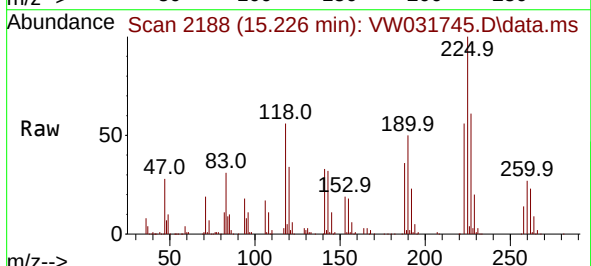
Tgt Ion:225 Resp: 77919

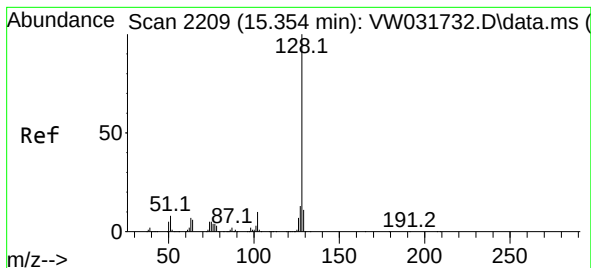
Ion Ratio Lower Upper

225 100

223 61.6 32.6 97.8

227 62.9 37.3 111.8





#95

Naphthalene

Concen: 51.242 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

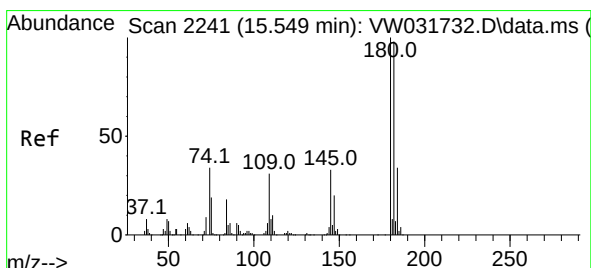
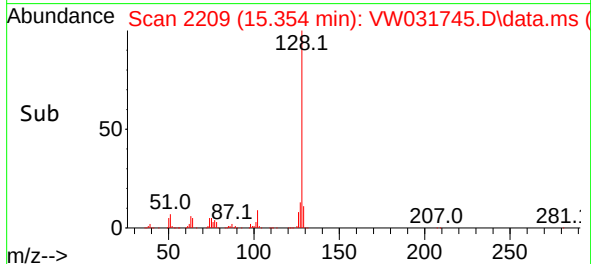
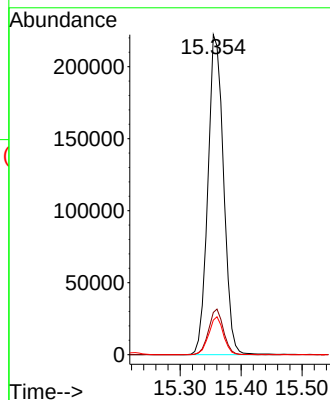
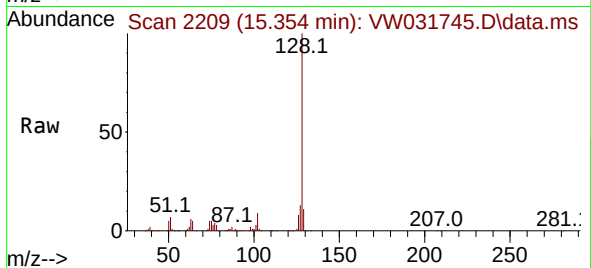
Tgt Ion:128 Resp: 396974

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.892 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031745.D

Acq: 01 Jul 2025 13:18

Tgt Ion:180 Resp: 141962

Ion Ratio Lower Upper

180 100

182 93.3 46.4 139.1

145 36.8 17.8 53.3

