

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031765.D
 Acq On : 03 Jul 2025 15:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 08:37:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	227619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167857	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157423	48.192	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.380%
35) Dibromofluoromethane	7.904	113	134687	51.997	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	104.000%
50) Toluene-d8	10.325	98	507073	52.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.617	95	183413	51.705	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	70575	45.527	ug/l	98
3) Chloromethane	2.253	50	88784	47.506	ug/l	98
4) Vinyl Chloride	2.405	62	119686	48.724	ug/l	94
5) Bromomethane	2.826	94	87234	45.466	ug/l	97
6) Chloroethane	2.972	64	78016	46.756	ug/l	99
7) Trichlorofluoromethane	3.308	101	101223	45.374	ug/l	99
8) Diethyl Ether	3.722	74	77899	45.954	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	119342	48.197	ug/l	98
10) Methyl Iodide	4.314	142	178250	46.695	ug/l	100
11) Tert butyl alcohol	5.222	59	49335	243.780	ug/l	98
12) 1,1-Dichloroethene	4.082	96	130047	47.949	ug/l	95
13) Acrolein	3.930	56	68473	188.250	ug/l	93
14) Allyl chloride	4.704	41	203548	48.914	ug/l	98
15) Acrylonitrile	5.405	53	206627	247.871	ug/l	99
16) Acetone	4.161	43	196178	242.975	ug/l	100
17) Carbon Disulfide	4.417	76	341292	47.025	ug/l	99
18) Methyl Acetate	4.704	43	110455	47.867	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	229093	49.765	ug/l	99
20) Methylene Chloride	4.954	84	169648	53.062	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	137897	47.849	ug/l	98
22) Diisopropyl ether	6.338	45	404438	49.832	ug/l	97
23) Vinyl Acetate	6.283	43	1411949	254.702	ug/l	98
24) 1,1-Dichloroethane	6.240	63	256224	48.695	ug/l	99
25) 2-Butanone	7.191	43	279058	265.667	ug/l	98
26) 2,2-Dichloropropane	7.185	77	149748	48.778	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	162861	49.162	ug/l	99
28) Bromochloromethane	7.533	49	115603	49.787	ug/l	100
29) Tetrahydrofuran	7.551	42	182767	254.074	ug/l	100
30) Chloroform	7.691	83	274068	49.019	ug/l	99
31) Cyclohexane	7.965	56	216367	46.519	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	209100	48.529	ug/l	99
36) 1,1-Dichloropropene	8.093	75	192216	51.282	ug/l	100
37) Ethyl Acetate	7.270	43	124820	52.790	ug/l	97
38) Carbon Tetrachloride	8.081	117	187467	49.081	ug/l	97
39) Methylcyclohexane	9.343	83	238833	51.214	ug/l	98
40) Benzene	8.337	78	557783	50.298	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	67804	53.531	ug/l	96
42) 1,2-Dichloroethane	8.410	62	186337	49.729	ug/l	99
43) Isopropyl Acetate	8.435	43	214170	52.546	ug/l	100
44) Trichloroethene	9.099	130	136000	49.135	ug/l	99
45) 1,2-Dichloropropane	9.374	63	134234	50.084	ug/l	99
46) Dibromomethane	9.465	93	87153	50.367	ug/l	99
47) Bromodichloromethane	9.654	83	202976	50.023	ug/l	97
48) Methyl methacrylate	9.441	41	103610	51.699	ug/l	98
49) 1,4-Dioxane	9.459	88	21046	1038.487	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	620694	264.887	ug/l	100
52) Toluene	10.392	92	363291	51.166	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	193766	50.896	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	220737	51.146	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	113005	49.856	ug/l	94
56) Ethyl methacrylate	10.648	69	166803	54.244	ug/l	99
57) 1,3-Dichloropropane	10.934	76	200996	50.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	476917	281.654	ug/l	97
59) 2-Hexanone	10.965	43	437881	275.765	ug/l	100
60) Dibromochloromethane	11.129	129	137011	50.549	ug/l	96
61) 1,2-Dibromoethane	11.239	107	112428	49.548	ug/l	98
64) Tetrachloroethene	10.867	164	112782	49.115	ug/l	98
65) Chlorobenzene	11.660	112	383939	49.570	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	125908	51.012	ug/l	97
67) Ethyl Benzene	11.733	91	701214	52.210	ug/l	98
68) m/p-Xylenes	11.837	106	528708	102.404	ug/l	99
69) o-Xylene	12.166	106	252358	52.791	ug/l	96
70) Styrene	12.178	104	437301	52.916	ug/l	100
71) Bromoform	12.349	173	75025	50.954	ug/l #	99
73) Isopropylbenzene	12.465	105	651773	51.047	ug/l	99
74) N-amyl acetate	12.269	43	184308	53.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	144601	51.012	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	112029m	51.646	ug/l	
77) Bromobenzene	12.745	156	145884	51.228	ug/l	89
78) n-propylbenzene	12.800	91	817283	53.454	ug/l	98
79) 2-Chlorotoluene	12.891	91	482315	52.386	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	542826	51.361	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	50574	54.304	ug/l	98
82) 4-Chlorotoluene	12.989	91	491975	50.896	ug/l	99
83) tert-Butylbenzene	13.202	119	465553	51.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	551532	51.504	ug/l	100
85) sec-Butylbenzene	13.379	105	687329	50.582	ug/l	98
86) p-Isopropyltoluene	13.495	119	587739	52.482	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	287548	50.350	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	288451	49.346	ug/l	95
89) n-Butylbenzene	13.818	91	573682	52.724	ug/l	100
90) Hexachloroethane	14.086	117	102259	50.614	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	260855	49.974	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	28092	50.755	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	166965	51.866	ug/l	98
94) Hexachlorobutadiene	15.226	225	81894	52.684	ug/l	91
95) Naphthalene	15.360	128	417067	52.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	149061	50.394	ug/l	97

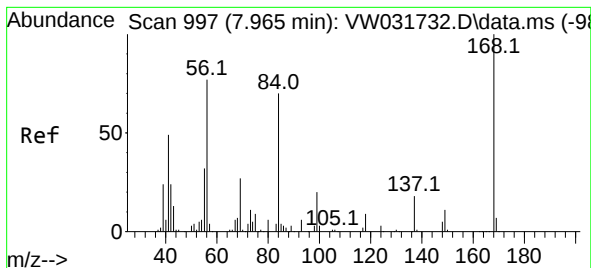
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Response via : Initial Calibration

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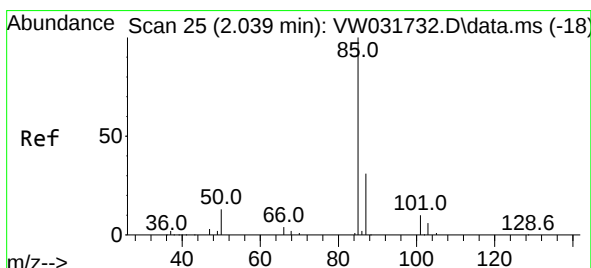
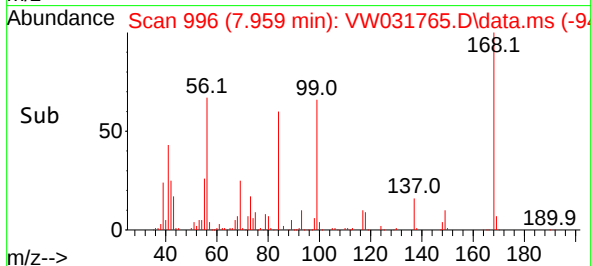
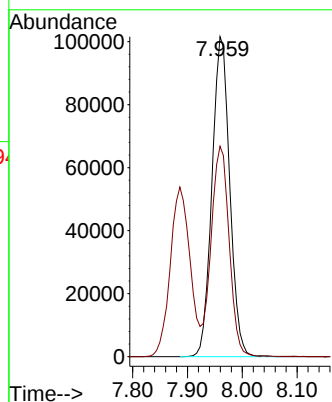
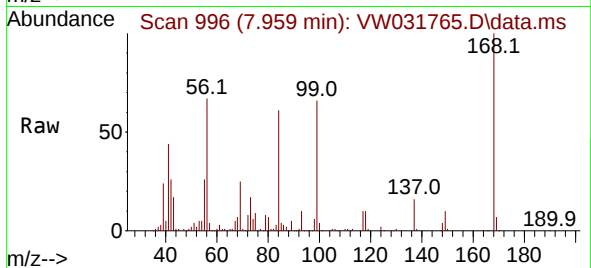
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

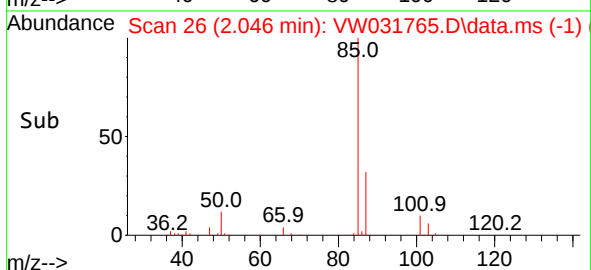
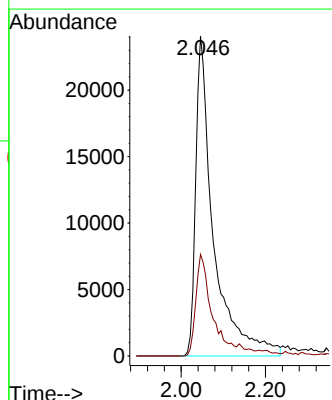
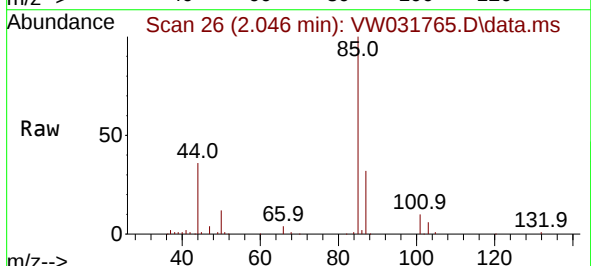
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ClientSampleId :
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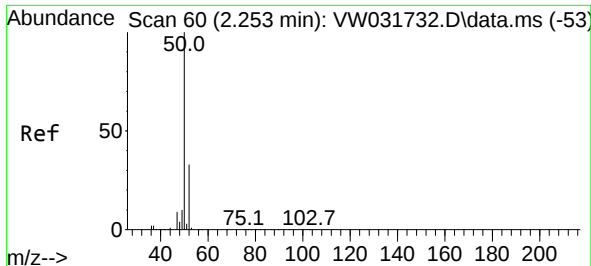
Tgt Ion:168 Resp: 227619
Ion Ratio Lower Upper
168 100
99 65.7 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 45.527 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 85 Resp: 70575
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.2

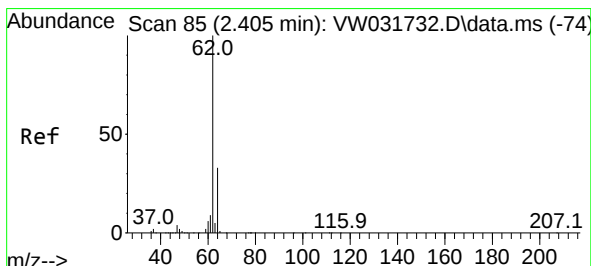
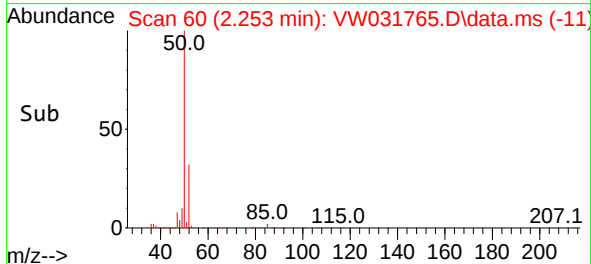
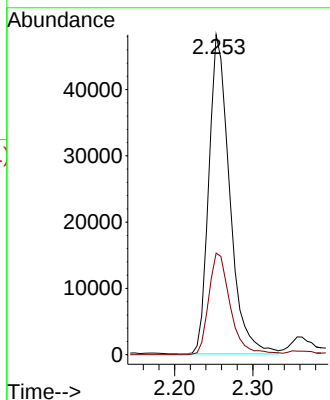
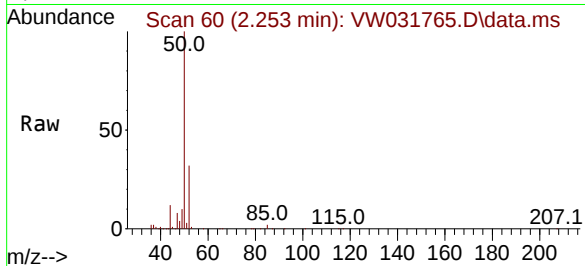




#3
Chloromethane
Concen: 47.506 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

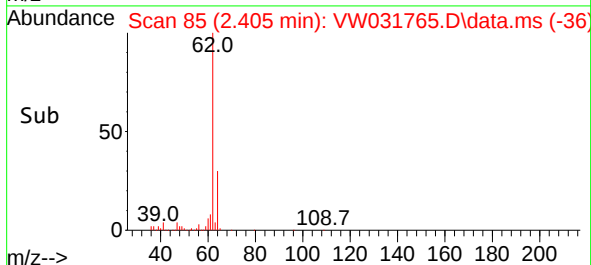
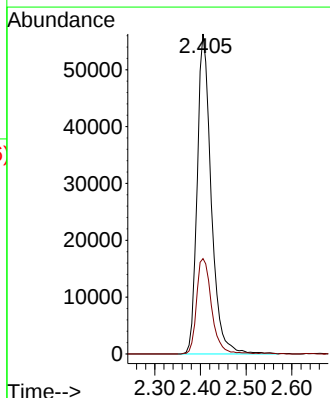
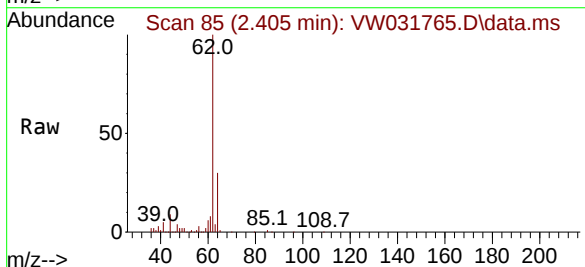
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ClientSampleId :
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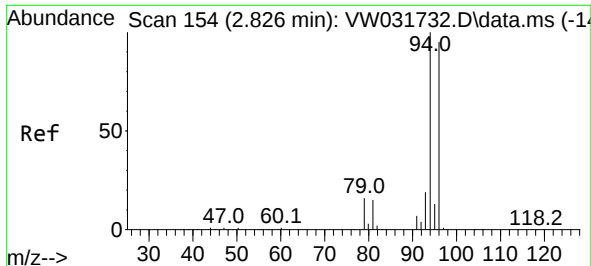
Tgt Ion: 50 Resp: 88784
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 48.724 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 62 Resp: 119686
Ion Ratio Lower Upper
62 100
64 29.8 26.8 40.2

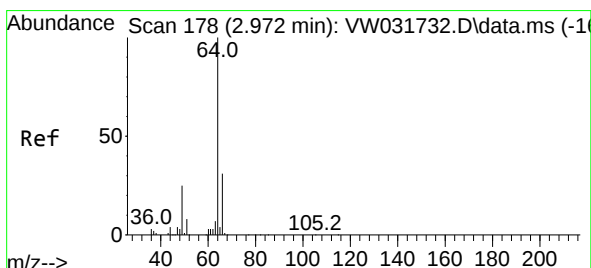
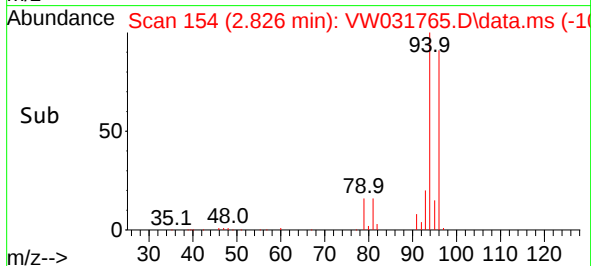
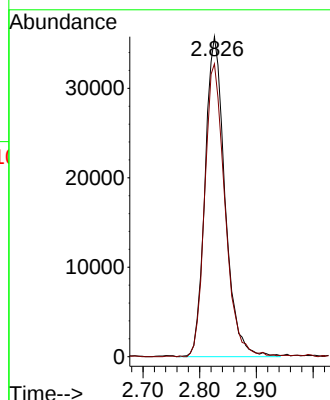
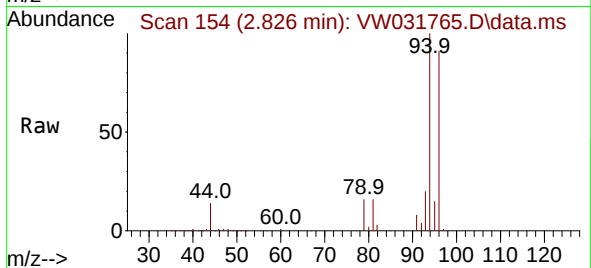




#5
Bromomethane
Concen: 45.466 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

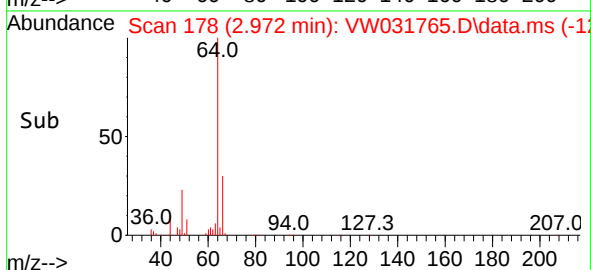
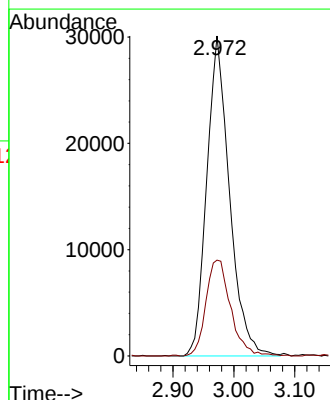
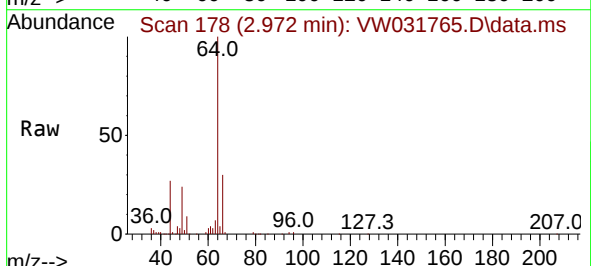
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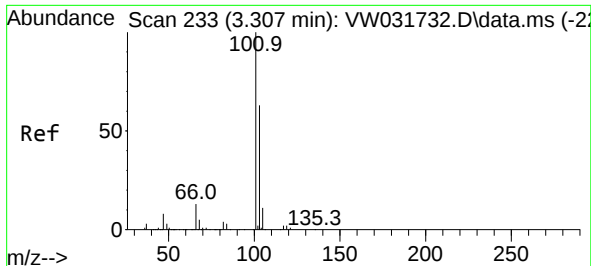
Tgt Ion: 94 Resp: 87234
Ion Ratio Lower Upper
94 100
96 91.2 75.6 113.4



#6
Chloroethane
Concen: 46.756 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 64 Resp: 78016
Ion Ratio Lower Upper
64 100
66 30.0 24.5 36.7

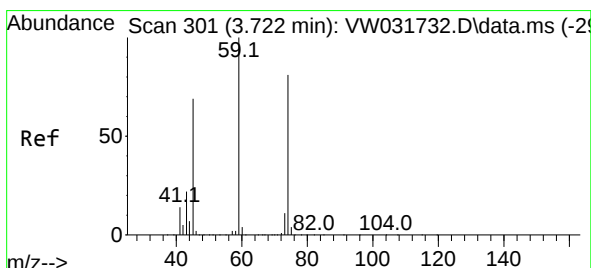
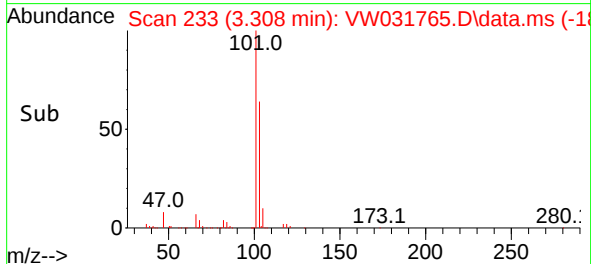
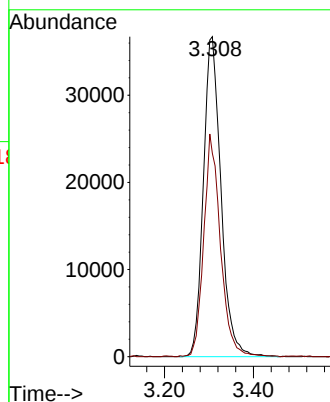
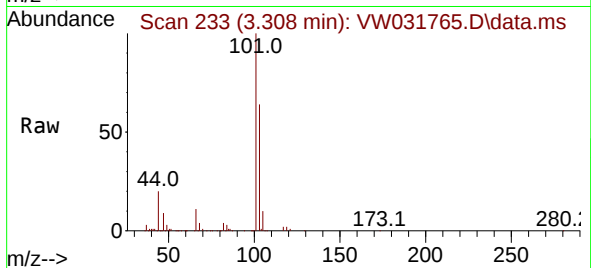




#7
 Trichlorofluoromethane
 Concen: 45.374 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

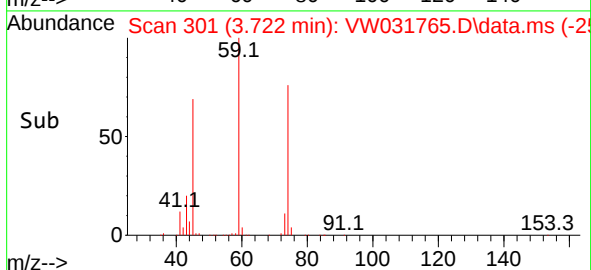
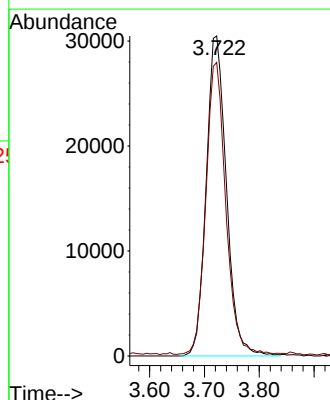
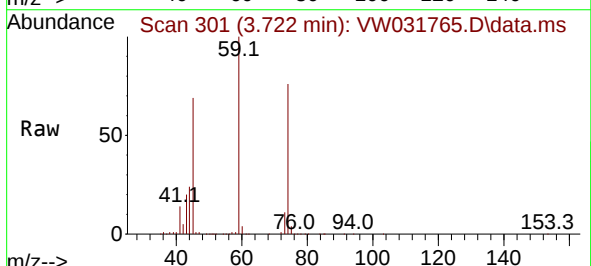
Instrument :
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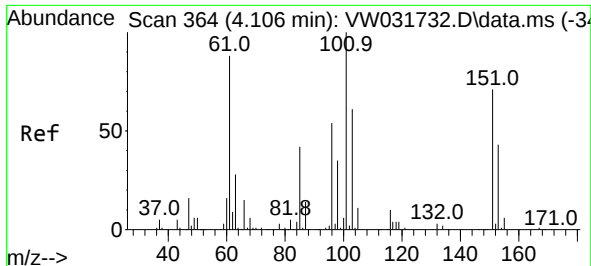
Tgt Ion:101 Resp: 101223
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 45.954 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Tgt Ion: 74 Resp: 77899
 Ion Ratio Lower Upper
 74 100
 45 89.5 43.9 131.7

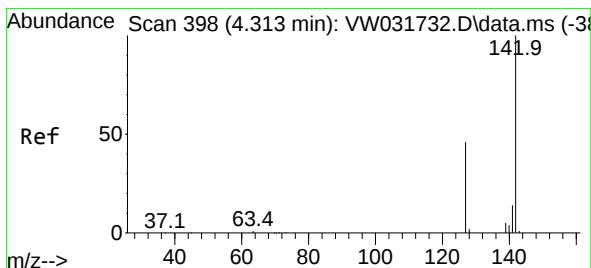
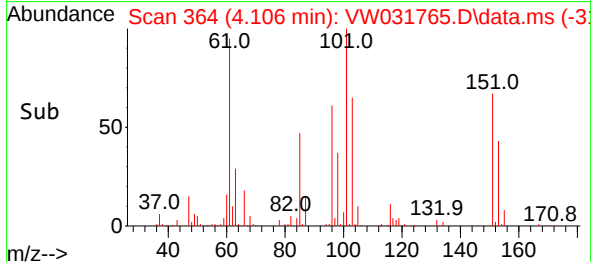
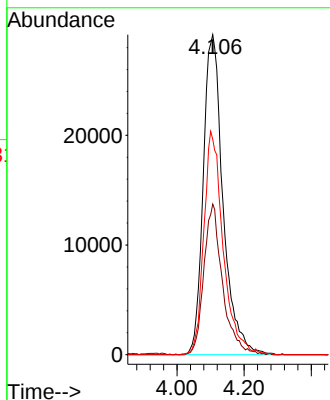
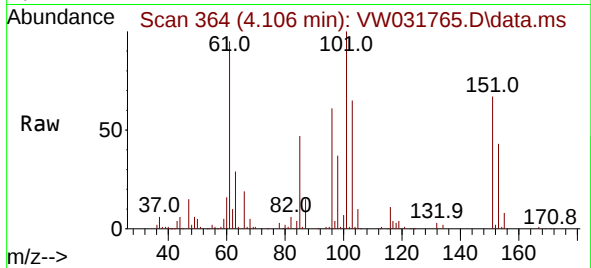




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.197 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW031765.D
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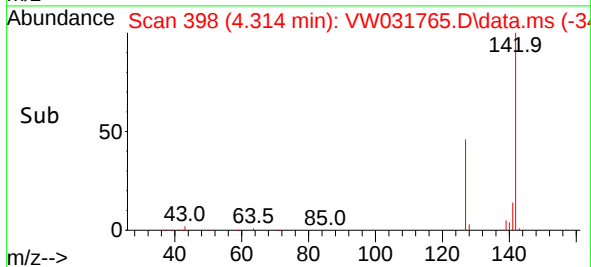
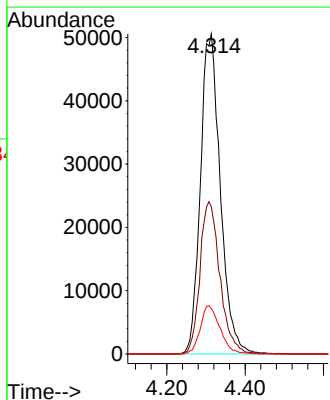
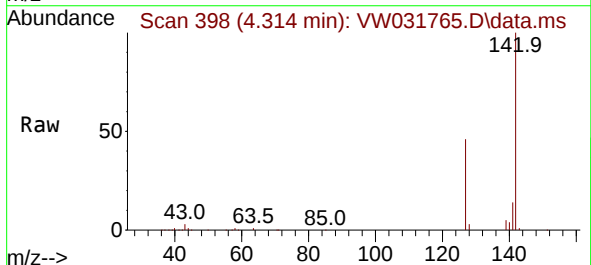
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

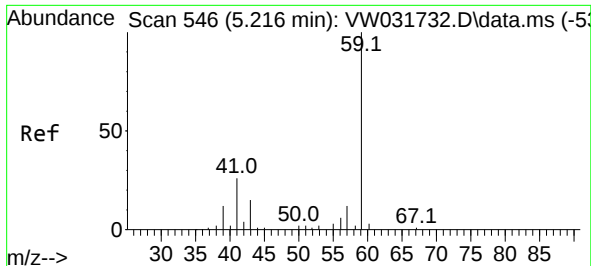
Tgt Ion:101 Resp: 119342
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 67.7 56.8 85.2



#10
Methyl Iodide
Concen: 46.695 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:142 Resp: 178250
Ion Ratio Lower Upper
142 100
127 47.7 37.9 56.9
141 14.9 11.7 17.5

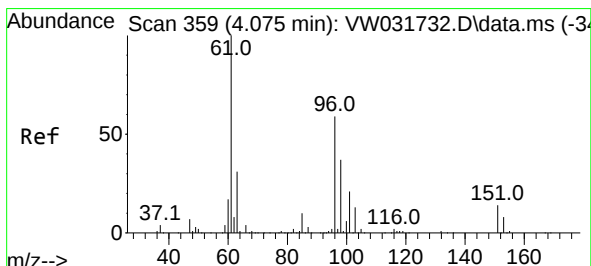
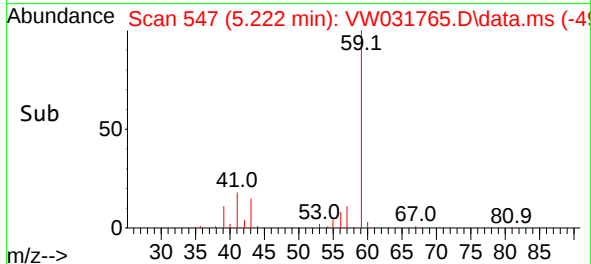
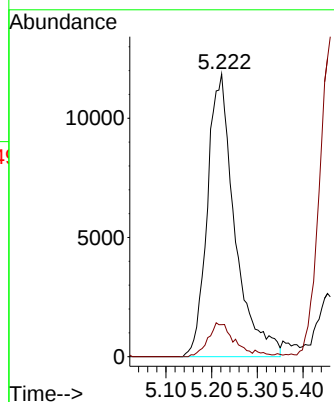
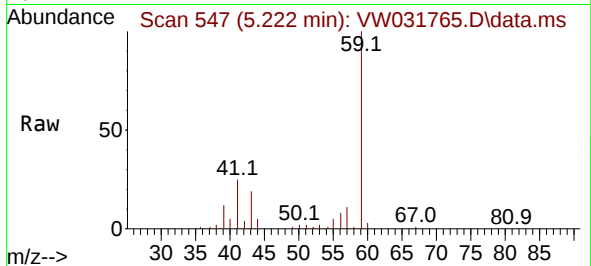




#11
Tert butyl alcohol
Concen: 243.780 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

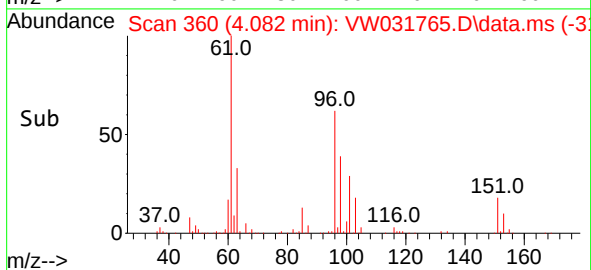
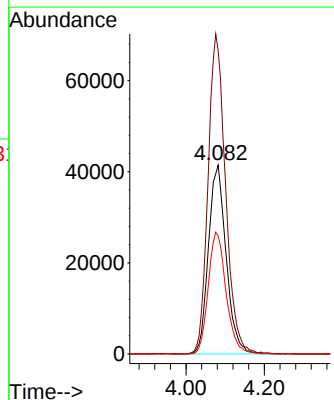
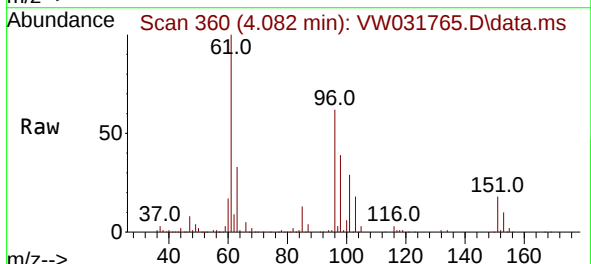
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

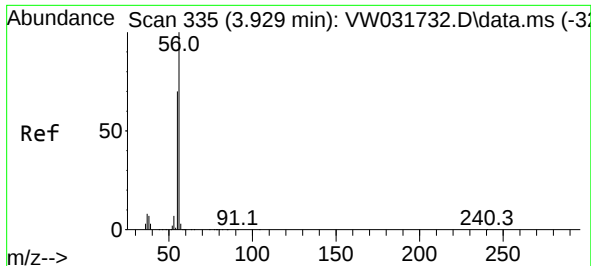
Tgt Ion: 59 Resp: 49335
Ion Ratio Lower Upper
59 100
57 11.0 9.5 14.3



#12
1,1-Dichloroethene
Concen: 47.949 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 96 Resp: 130047
Ion Ratio Lower Upper
96 100
61 160.7 135.8 203.8
98 62.5 50.4 75.6

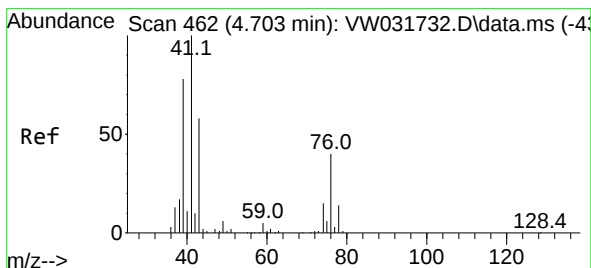
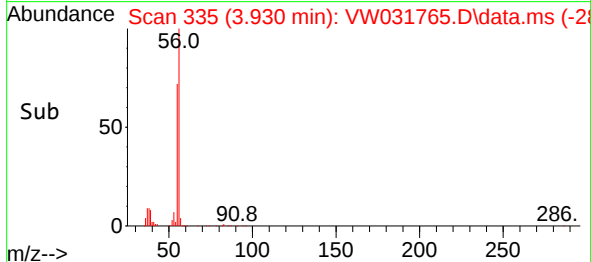
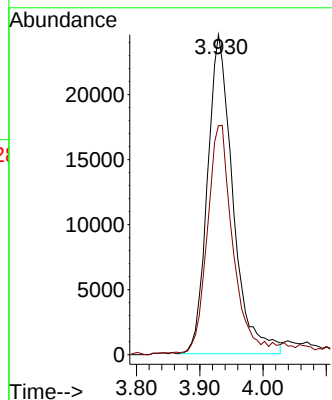
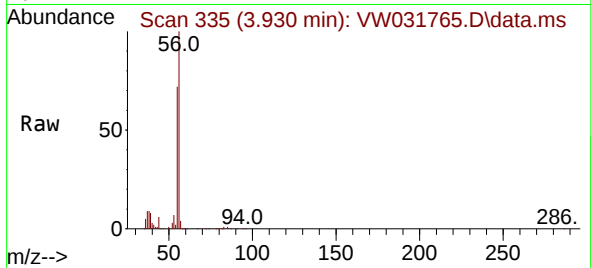




#13
Acrolein
Concen: 188.250 ug/l
RT: 3.930 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

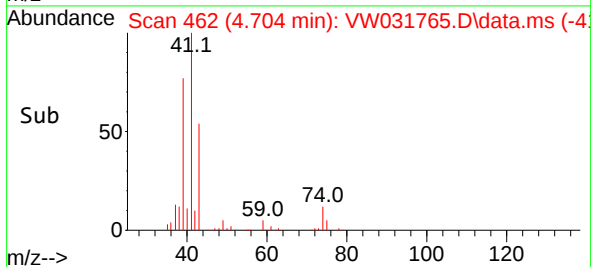
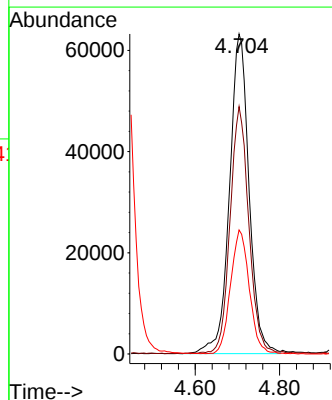
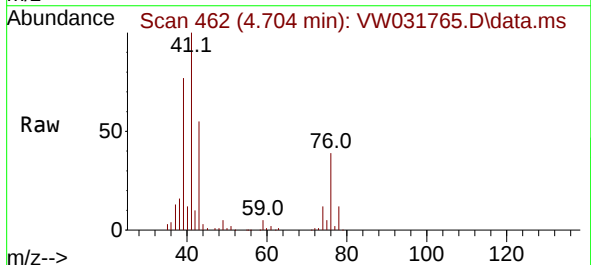
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

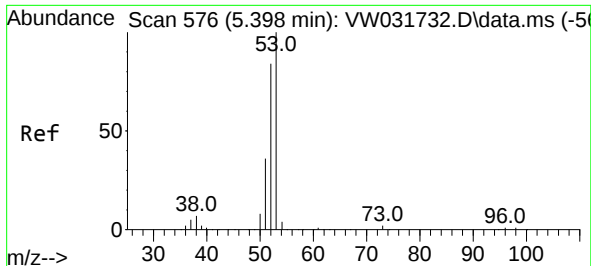
Tgt Ion: 56 Resp: 68473
Ion Ratio Lower Upper
56 100
55 72.8 54.0 81.0



#14
Allyl chloride
Concen: 48.914 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 41 Resp: 203548
Ion Ratio Lower Upper
41 100
39 73.9 60.7 91.1
76 36.9 30.3 45.5

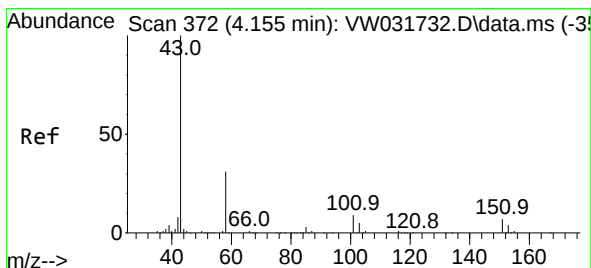
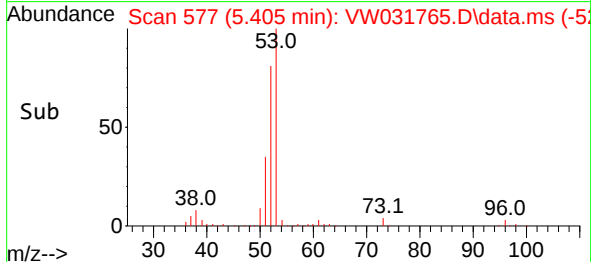
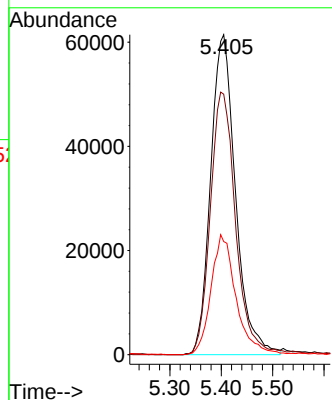
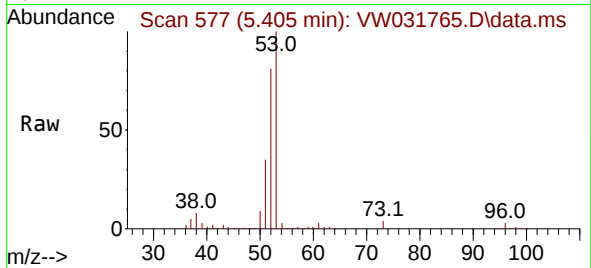




#15
Acrylonitrile
Concen: 247.871 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

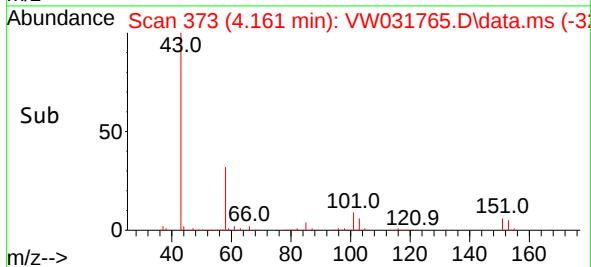
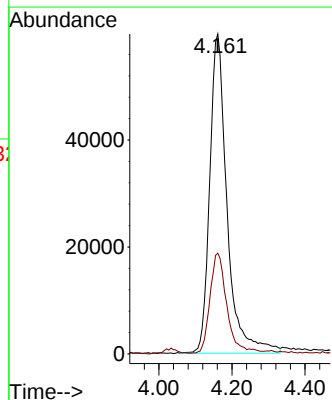
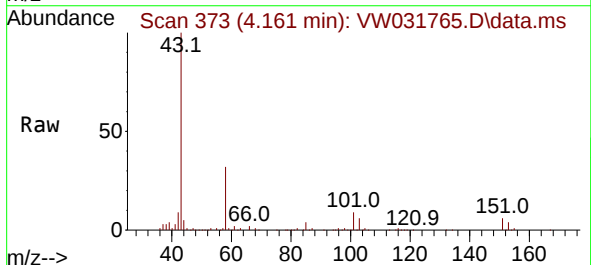
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

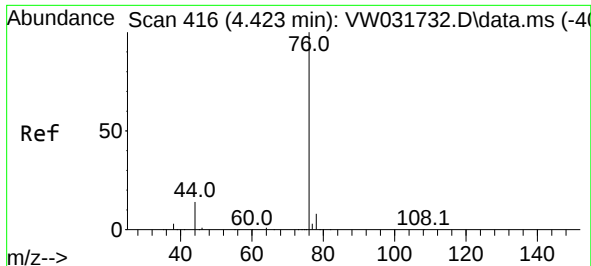
Tgt Ion: 53 Resp: 206627
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 37.8 29.9 44.9



#16
Acetone
Concen: 242.975 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 43 Resp: 196178
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

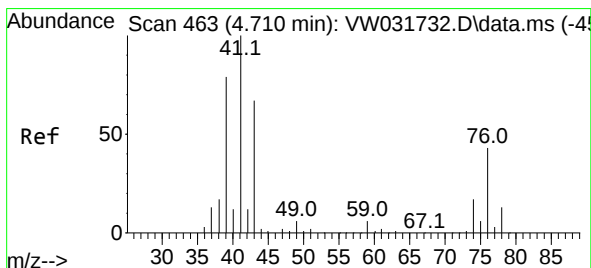
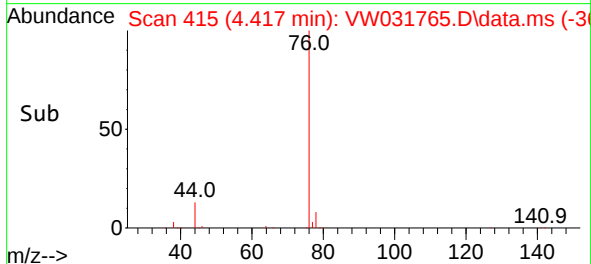
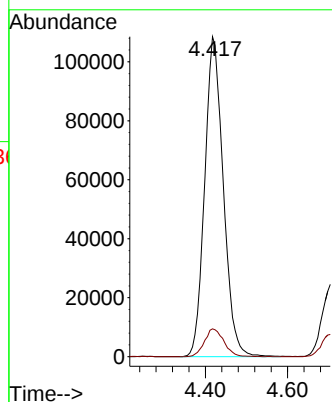
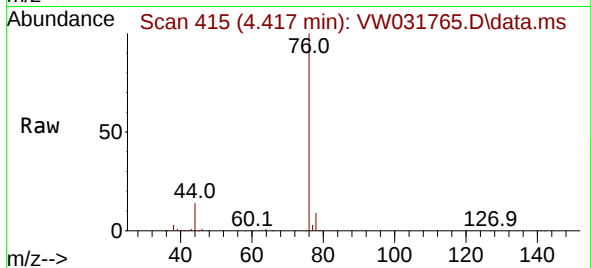




#17
Carbon Disulfide
Concen: 47.025 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

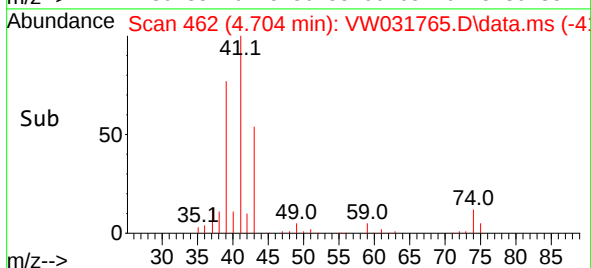
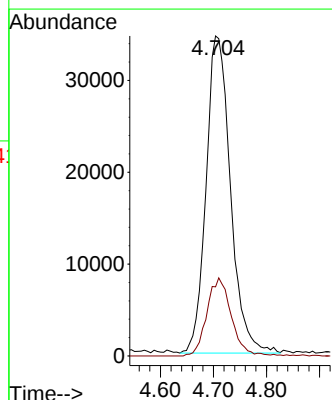
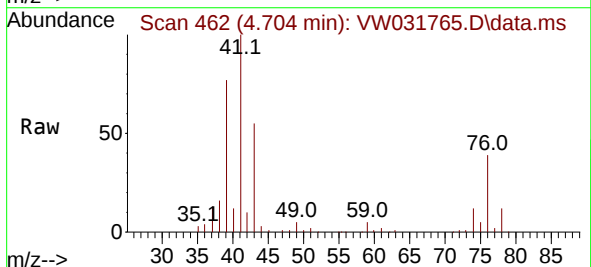
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

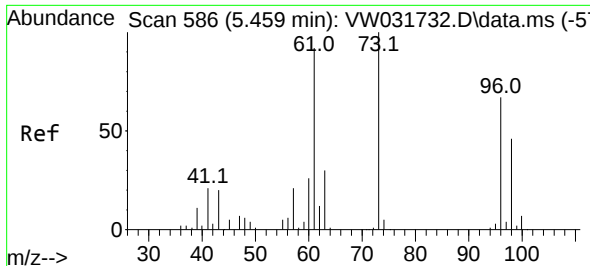
Tgt Ion: 76 Resp: 341292
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0



#18
Methyl Acetate
Concen: 47.867 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 43 Resp: 110455
Ion Ratio Lower Upper
43 100
74 24.5 20.6 30.8

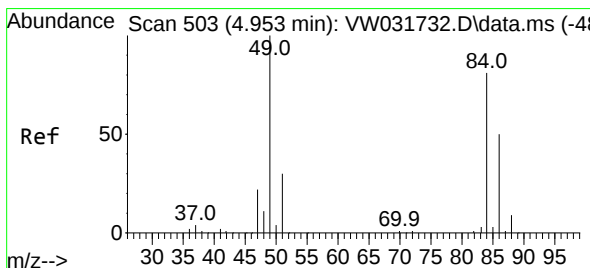
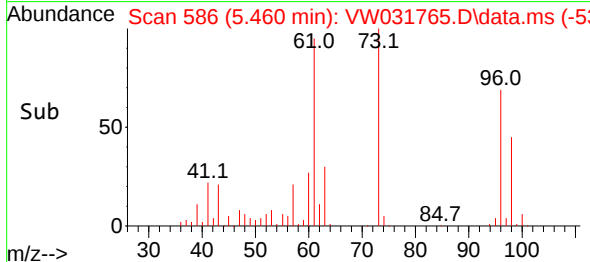
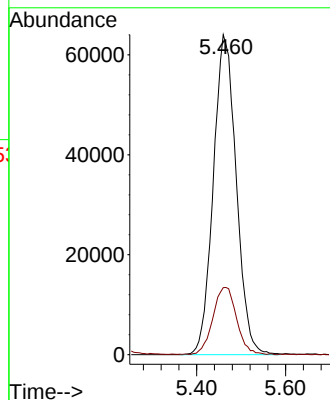
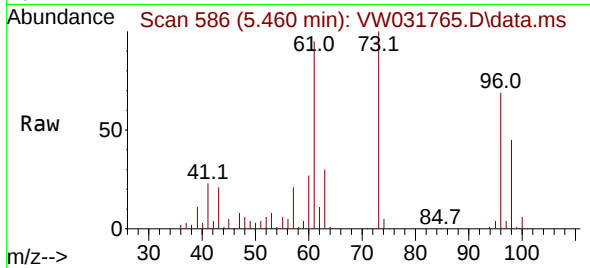




#19
Methyl tert-butyl Ether
Concen: 49.765 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

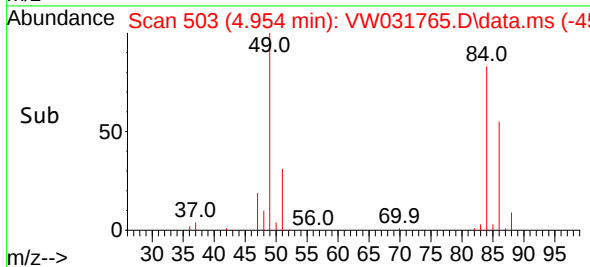
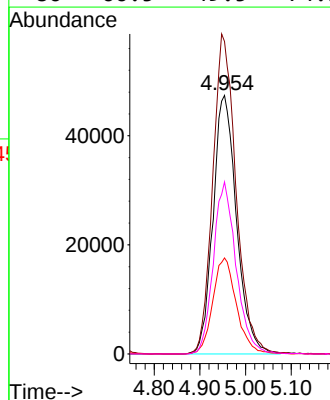
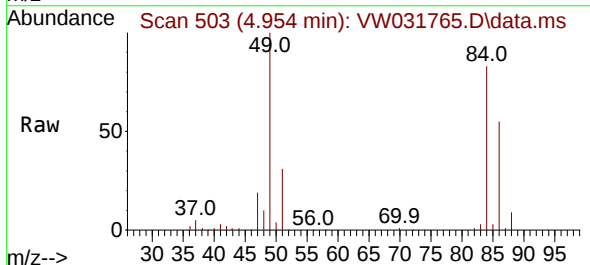
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

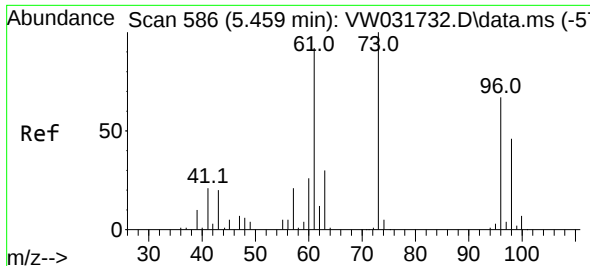
Tgt Ion: 73 Resp: 229093
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 53.062 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 84 Resp: 169648
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.4
51 37.1 29.8 44.8
86 66.5 49.5 74.3

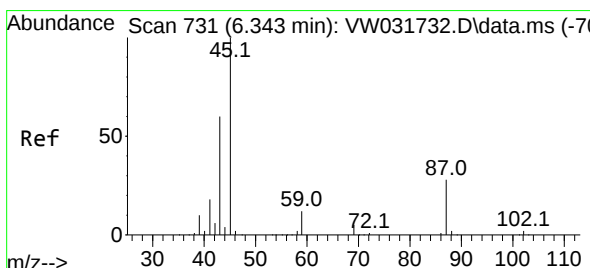
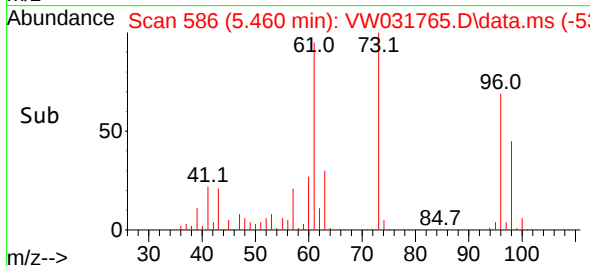
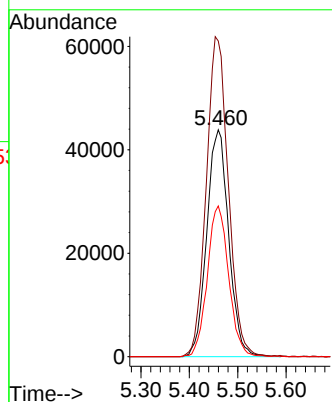
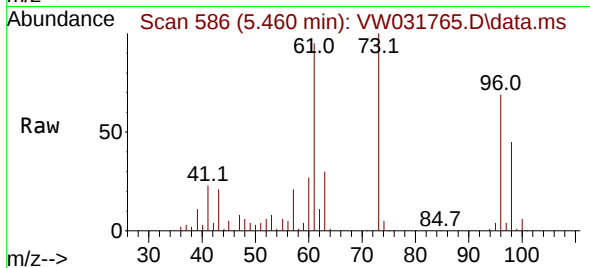




#21
trans-1,2-Dichloroethene
Concen: 47.849 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

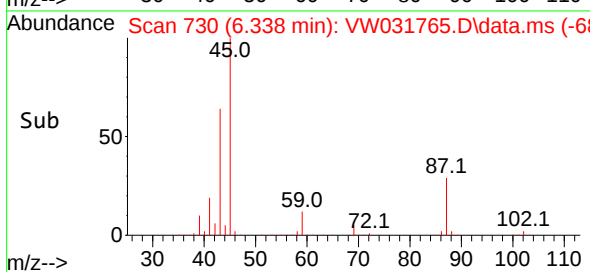
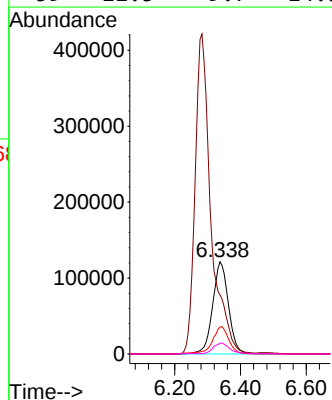
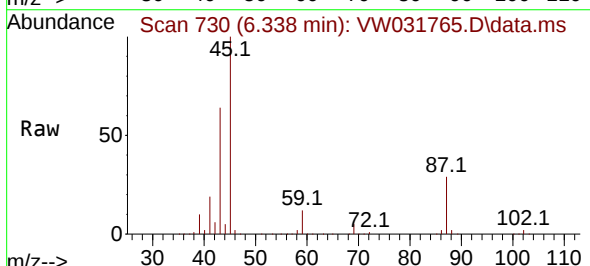
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

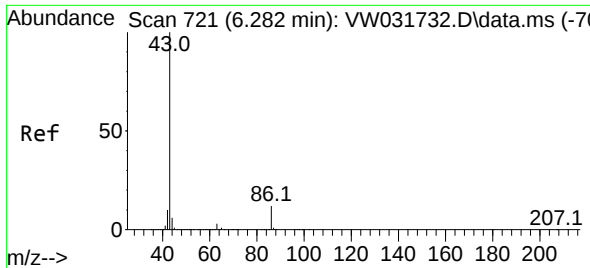
Tgt Ion: 96 Resp: 137897
Ion Ratio Lower Upper
96 100
61 139.2 109.8 164.6
98 66.4 54.9 82.3



#22
Diisopropyl ether
Concen: 49.832 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 45 Resp: 404438
Ion Ratio Lower Upper
45 100
43 63.8 48.3 72.5
87 29.1 22.6 34.0
59 11.5 9.7 14.5

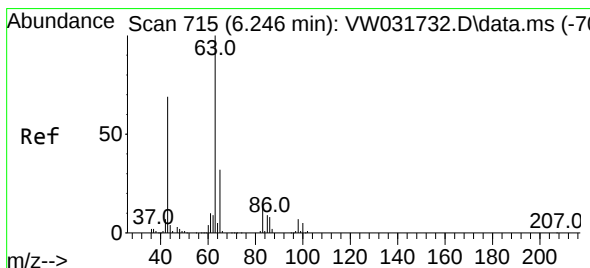
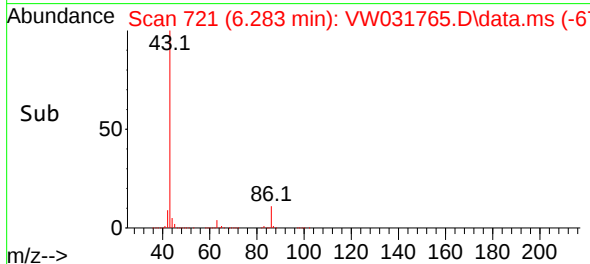
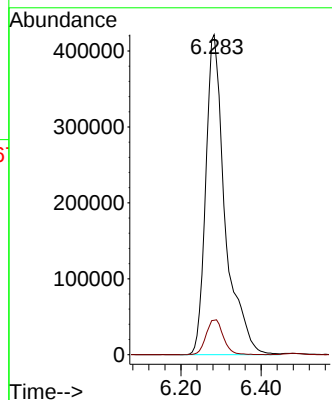
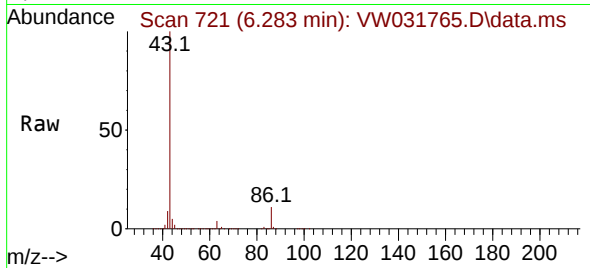




#23
 Vinyl Acetate
 Concen: 254.702 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

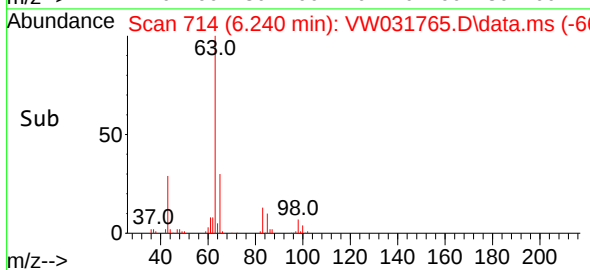
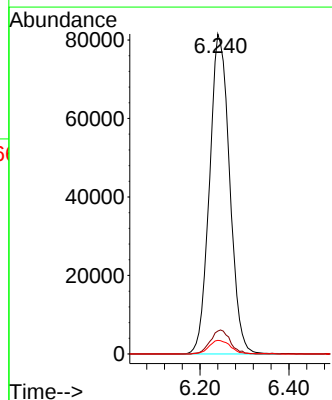
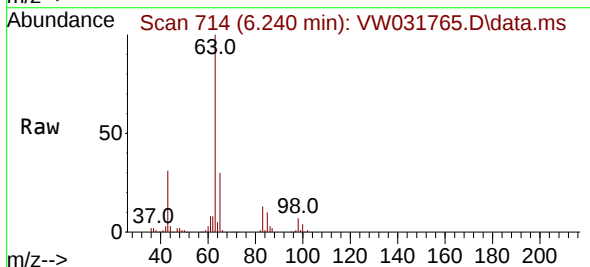
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

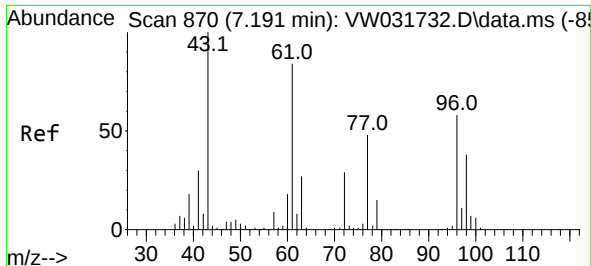
Tgt Ion: 43 Resp: 1411949
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 48.695 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Tgt Ion: 63 Resp: 256224
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.3 2.5 7.5

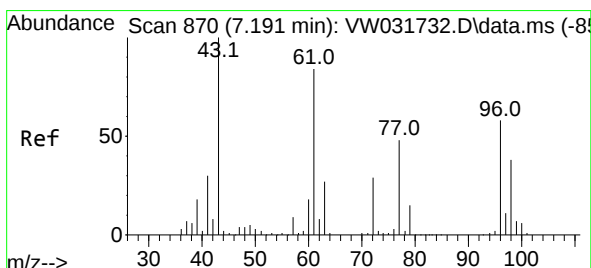
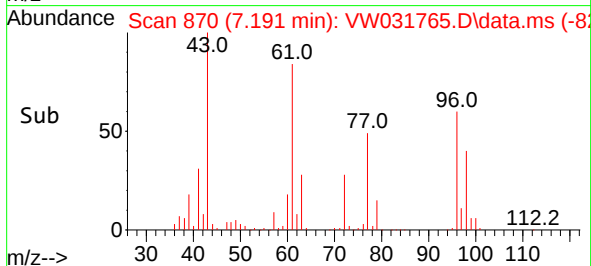
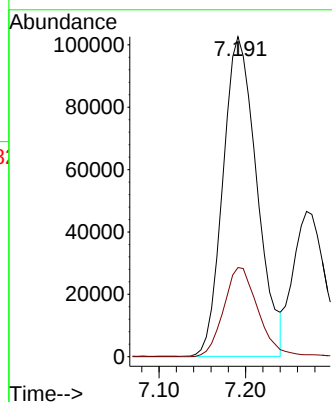
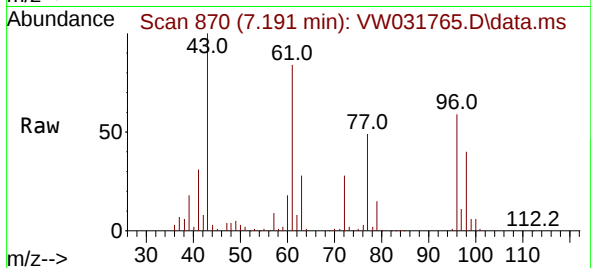




#25
2-Butanone
Concen: 265.667 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

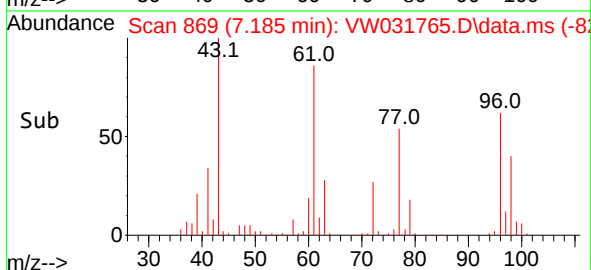
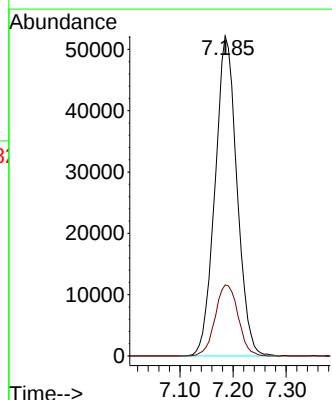
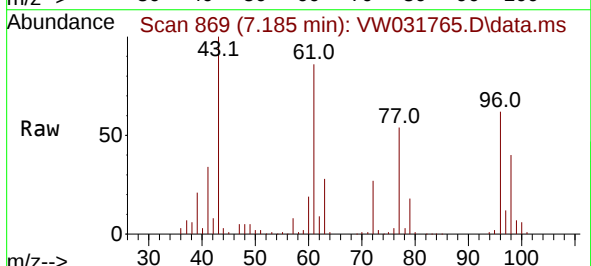
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

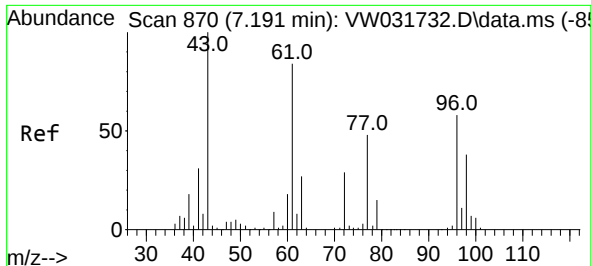
Tgt Ion: 43 Resp: 279058
Ion Ratio Lower Upper
43 100
72 27.9 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.778 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 77 Resp: 149748
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7

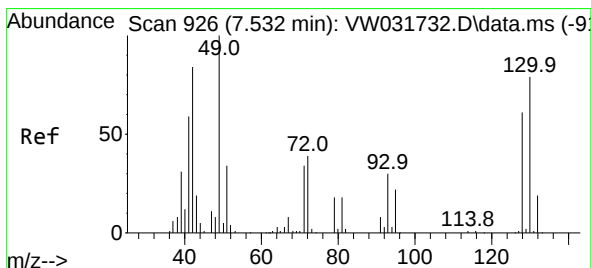
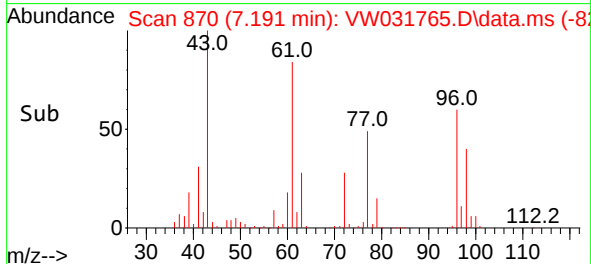
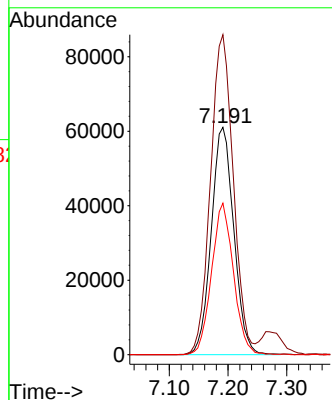
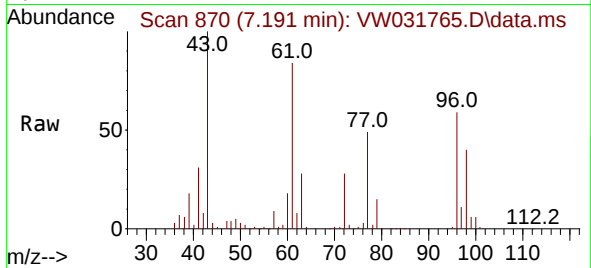




#27
 cis-1,2-Dichloroethene
 Concen: 49.162 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

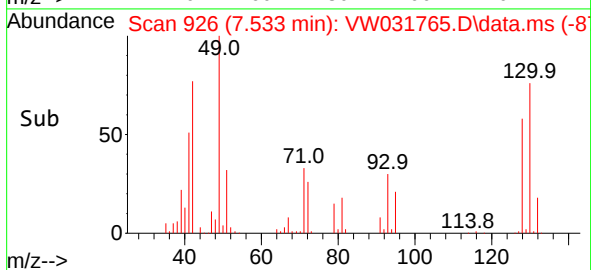
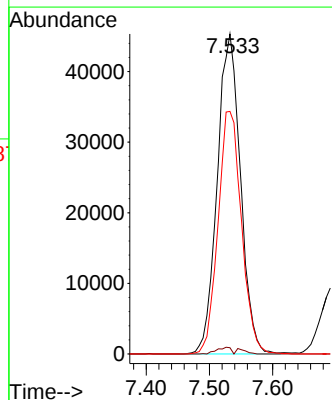
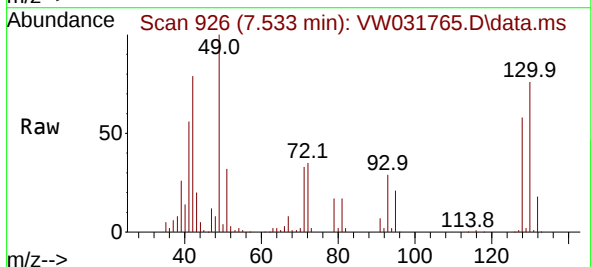
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

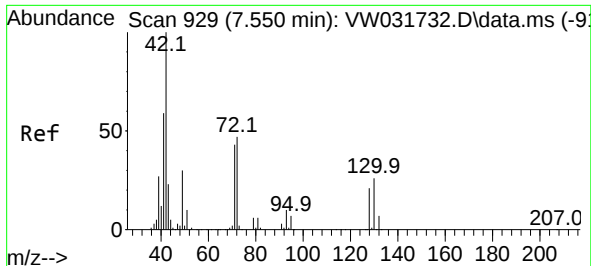
Tgt Ion: 96 Resp: 162861
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 286.8
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.787 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Tgt Ion: 49 Resp: 115603
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.4
 130 76.3 61.3 91.9





#29

Tetrahydrofuran

Concen: 254.074 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

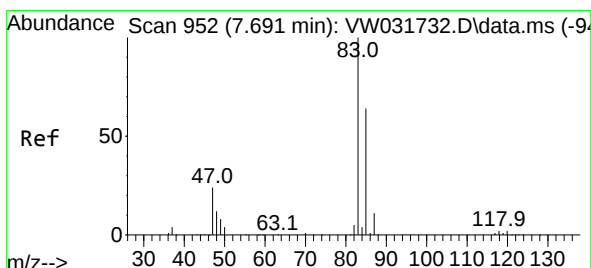
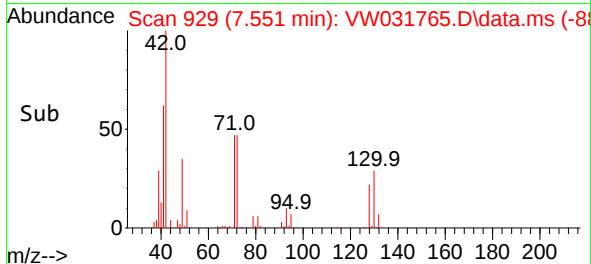
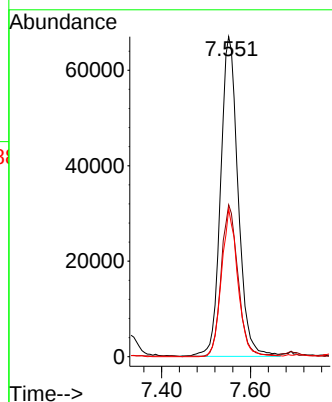
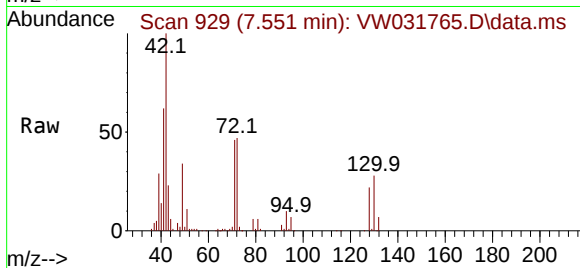
Tgt Ion: 42 Resp: 182767

Ion Ratio Lower Upper

42 100

72 45.5 36.8 55.2

71 43.2 34.6 52.0



#30

Chloroform

Concen: 49.019 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031765.D

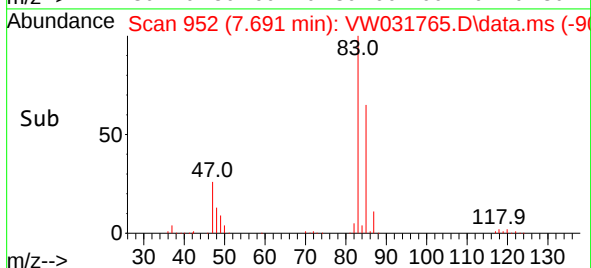
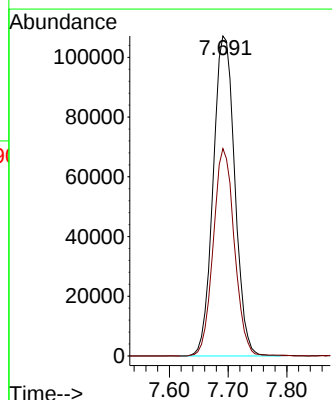
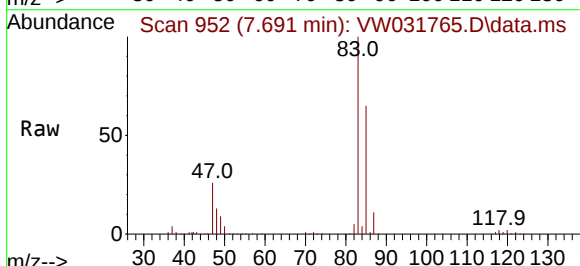
Acq: 03 Jul 2025 15:06

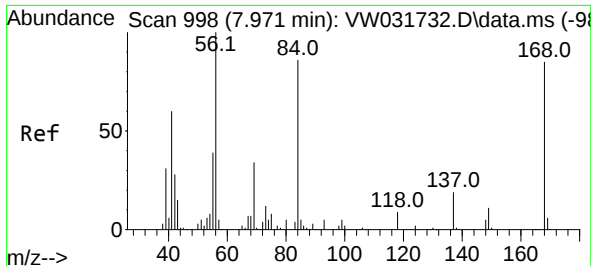
Tgt Ion: 83 Resp: 274068

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

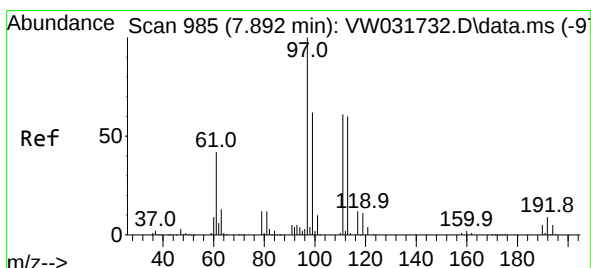
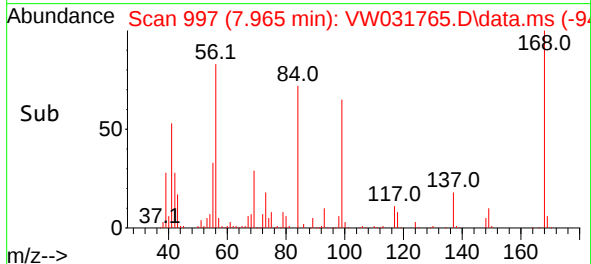
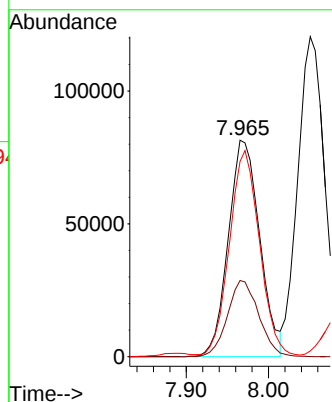
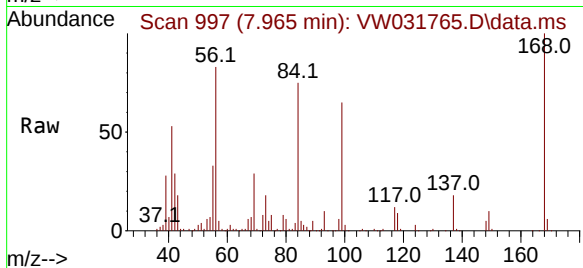




#31
Cyclohexane
Concen: 46.519 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

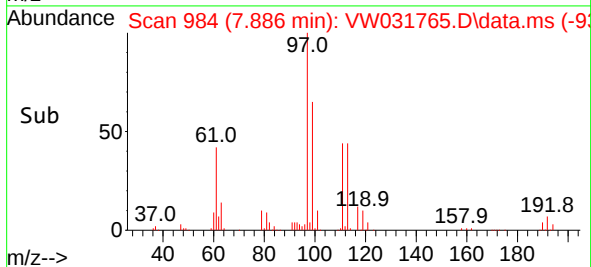
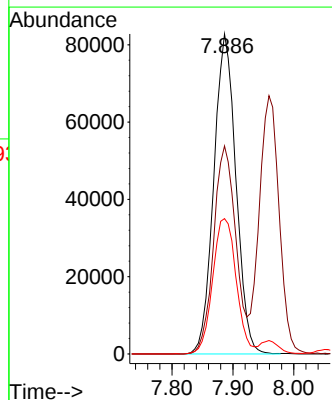
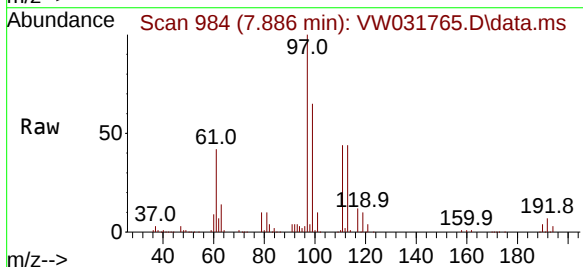
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

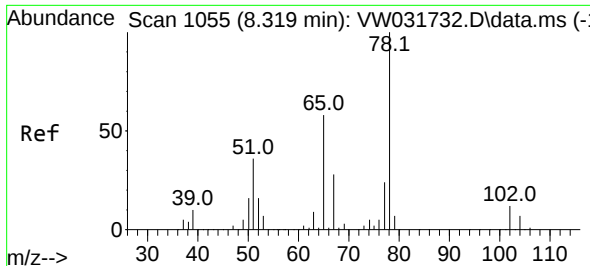
Tgt Ion: 56 Resp: 216367
Ion Ratio Lower Upper
56 100
69 35.2 27.2 40.8
84 88.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 48.529 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 97 Resp: 209100
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 44.9 36.0 54.0

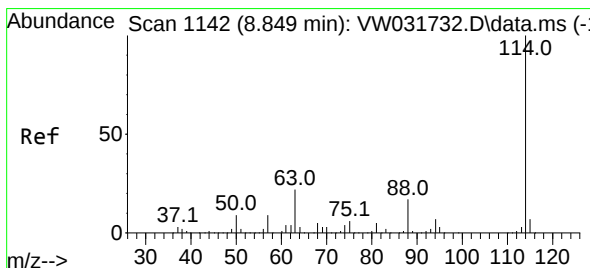
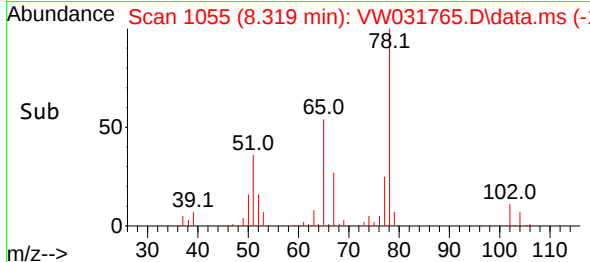
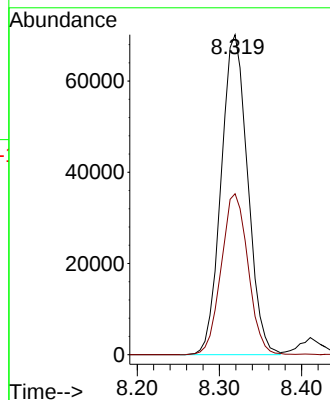
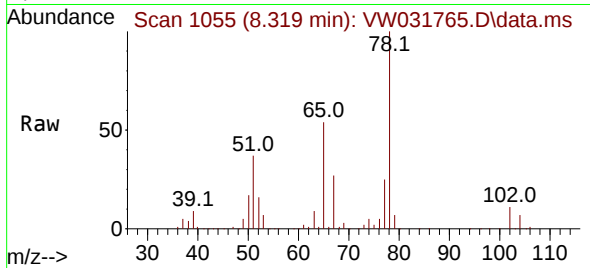




#33
 1,2-Dichloroethane-d4
 Concen: 48.192 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

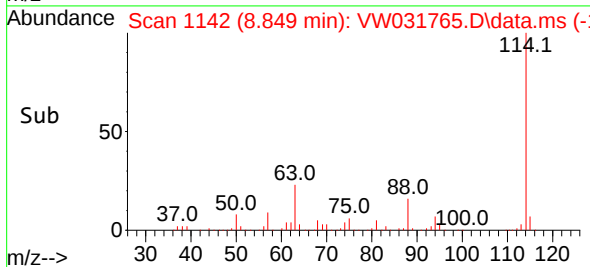
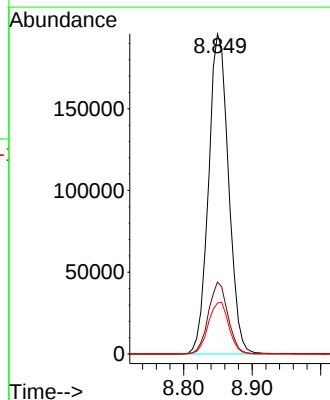
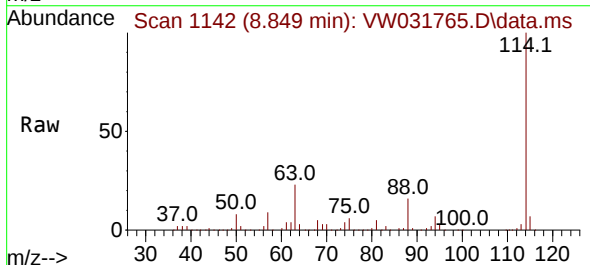
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

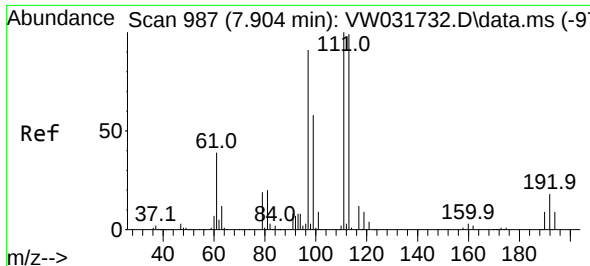
Tgt Ion: 65 Resp: 157423
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Tgt Ion: 114 Resp: 396950
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.6
 88 15.9 0.0 34.2



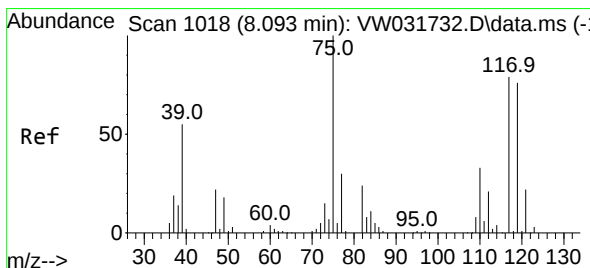
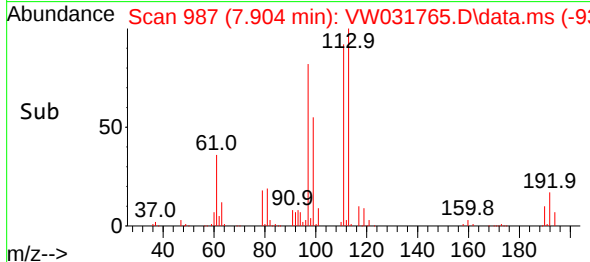
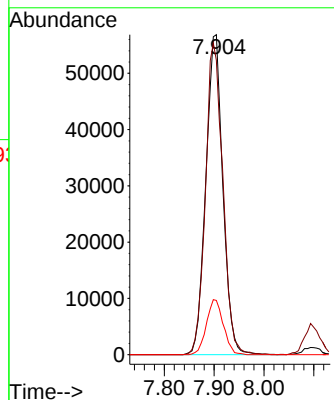
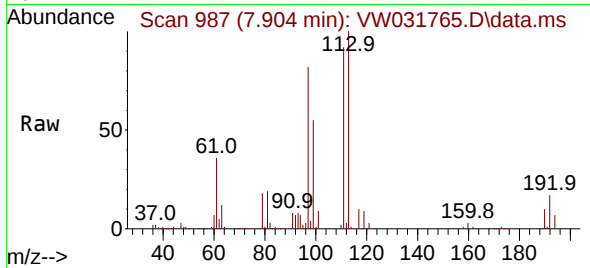


#35
 Dibromofluoromethane
 Concen: 51.997 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 134687

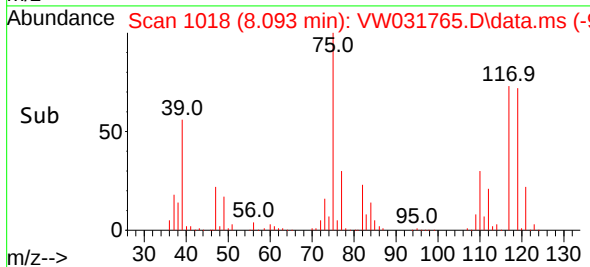
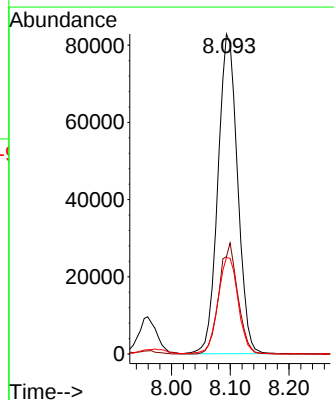
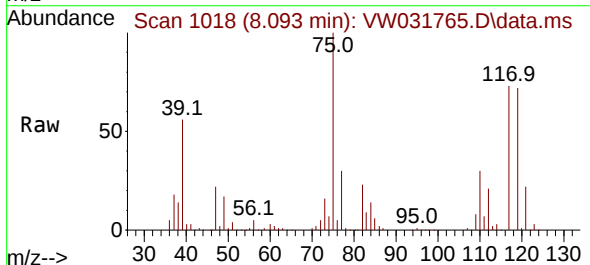
Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.1	123.1
192	17.2	13.8	20.6

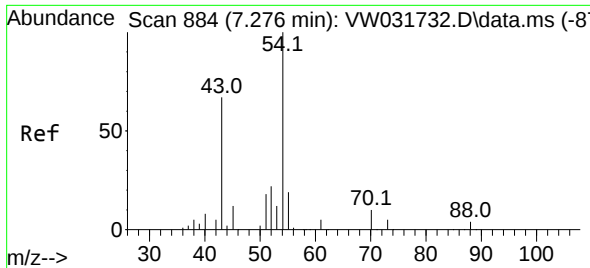


#36
 1,1-Dichloropropene
 Concen: 51.282 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031765.D
 Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 192216

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.8	50.4
77	31.2	25.0	37.6

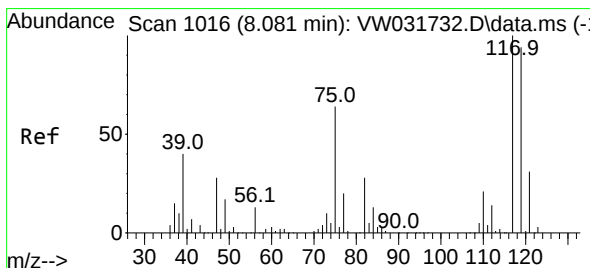
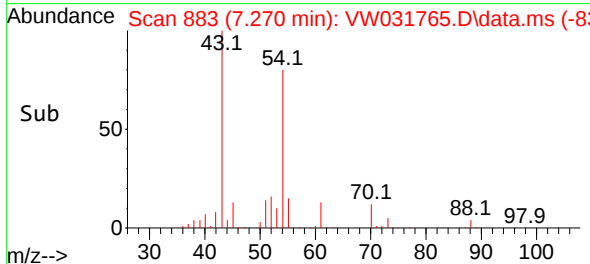
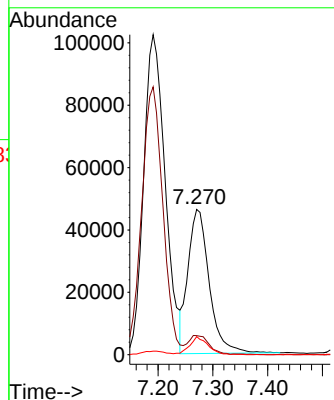
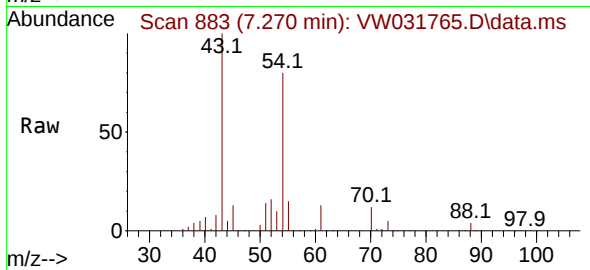




#37
Ethyl Acetate
Concen: 52.790 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

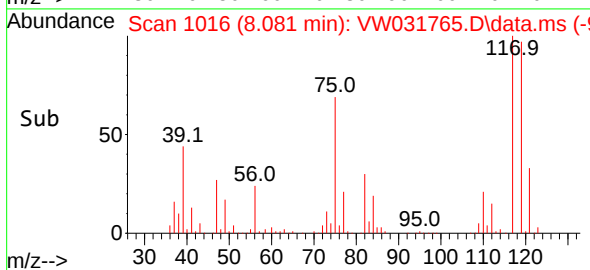
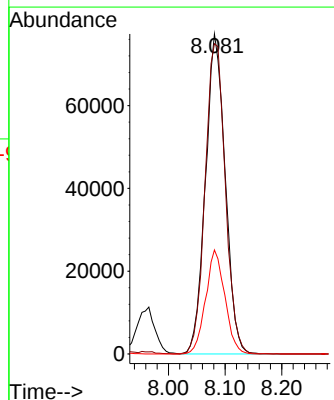
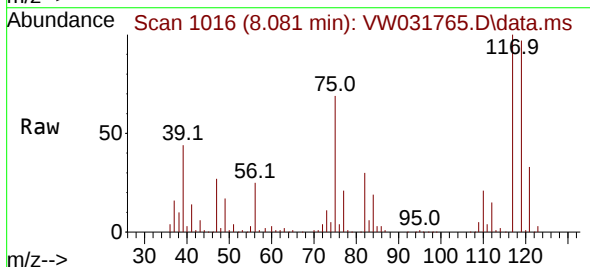
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

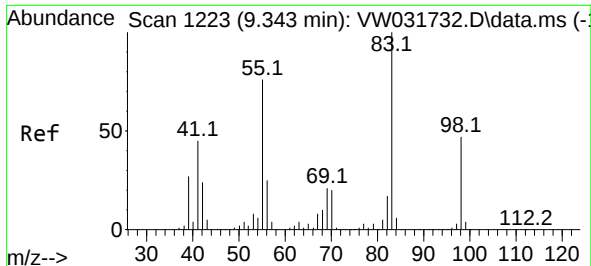
Tgt Ion: 43 Resp: 124820
Ion Ratio Lower Upper
43 100
61 12.3 10.9 16.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.081 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 117 Resp: 187467
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.6
121 32.5 24.6 37.0





#39

Methylcyclohexane

Concen: 51.214 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

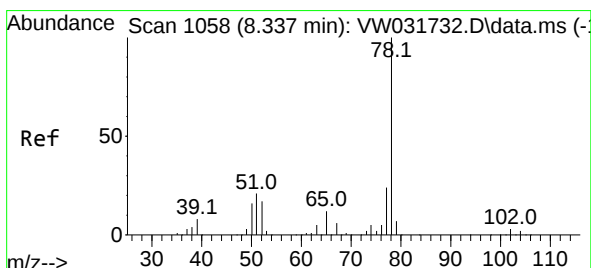
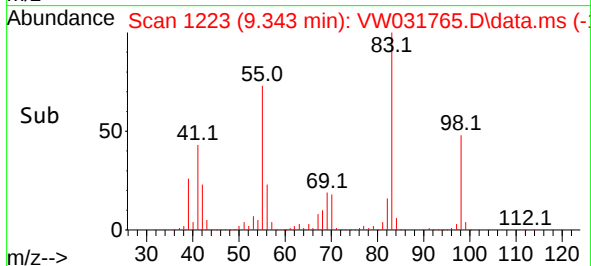
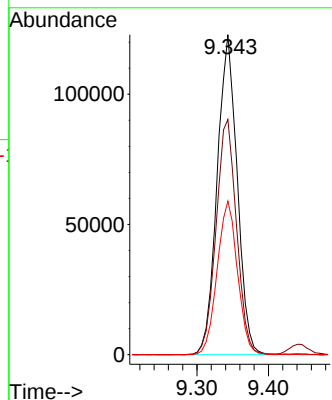
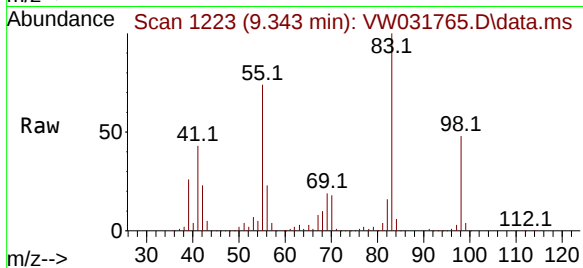
Tgt Ion: 83 Resp: 238833

Ion Ratio Lower Upper

83 100

55 73.5 61.0 91.4

98 48.0 37.9 56.9



#40

Benzene

Concen: 50.298 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031765.D

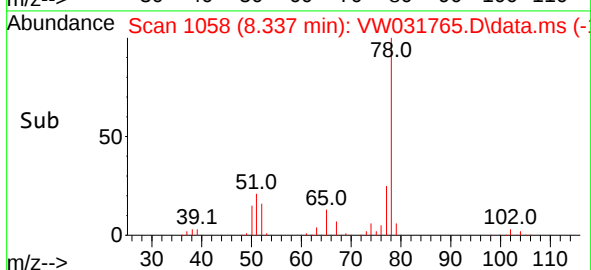
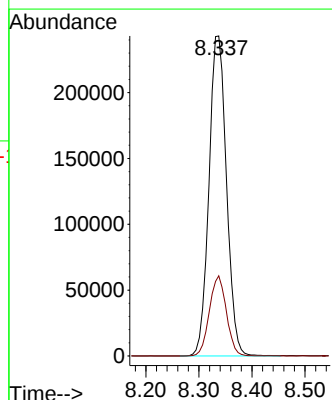
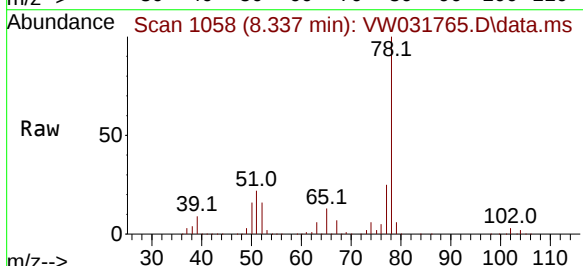
Acq: 03 Jul 2025 15:06

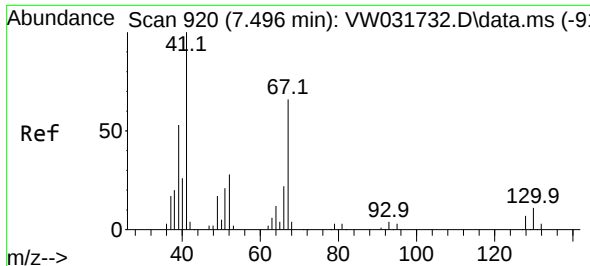
Tgt Ion: 78 Resp: 557783

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8

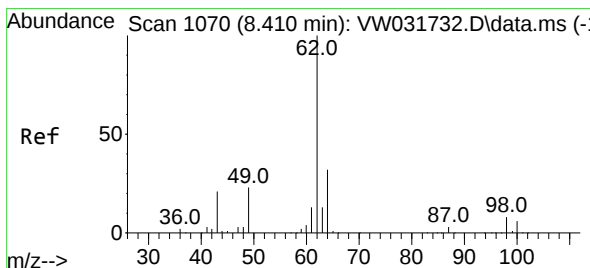
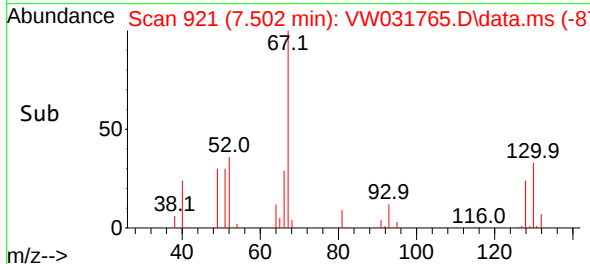
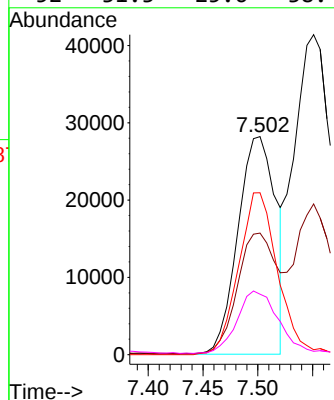
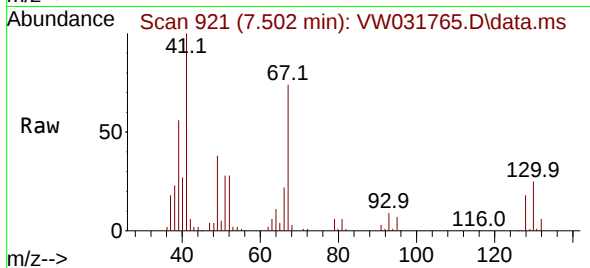




#41
Methacrylonitrile
Concen: 53.531 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

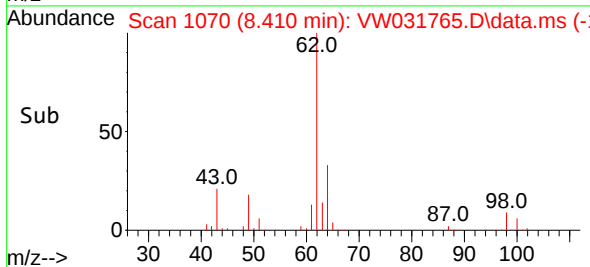
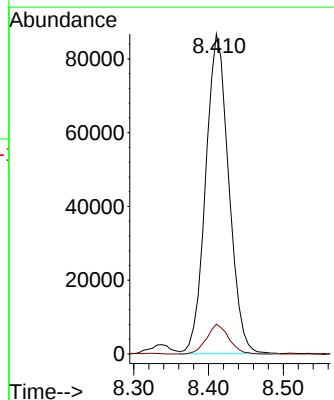
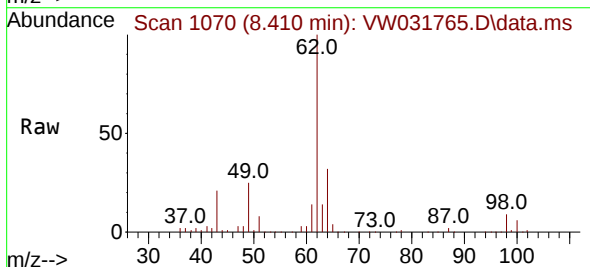
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

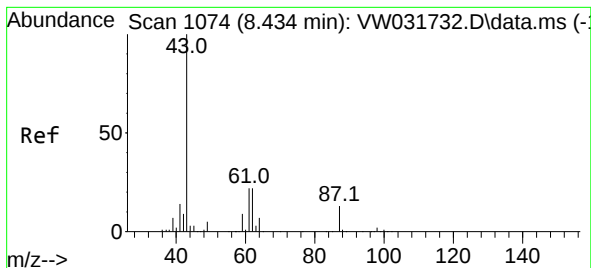
Tgt Ion:	41	Resp:	67804
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.2	64.8
67	76.7	58.1	87.1
52	31.3	25.6	38.4



#42
1,2-Dichloroethane
Concen: 49.729 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:	62	Resp:	186337
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.546 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

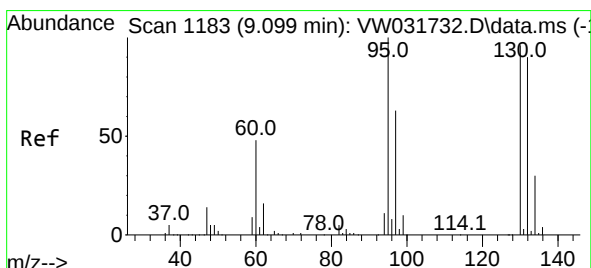
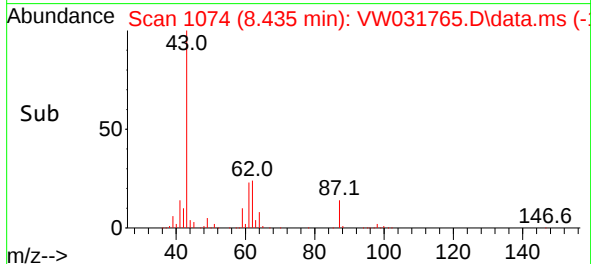
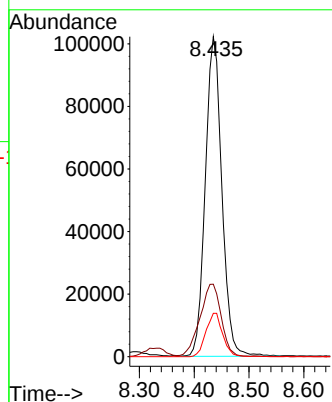
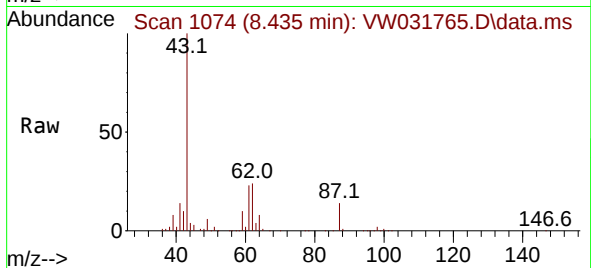
Tgt Ion: 43 Resp: 214170

Ion Ratio Lower Upper

43 100

61 28.9 23.1 34.7

87 13.7 10.8 16.2



#44

Trichloroethene

Concen: 49.135 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW031765.D

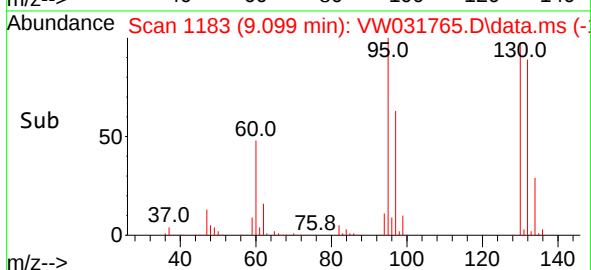
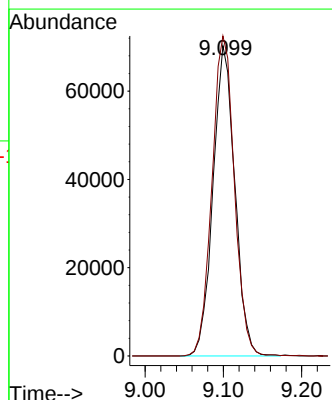
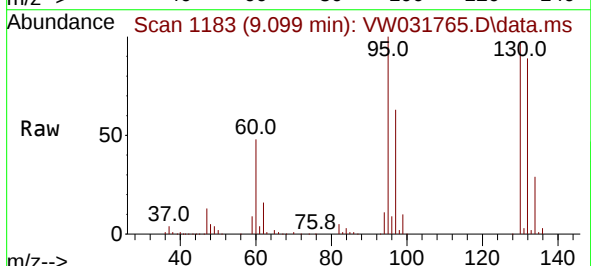
Acq: 03 Jul 2025 15:06

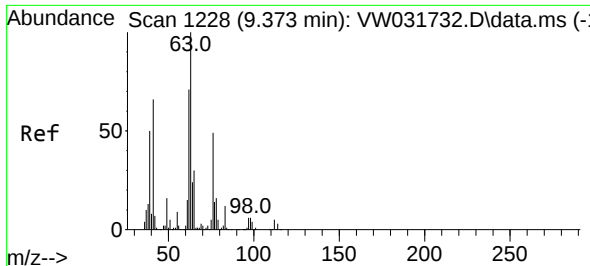
Tgt Ion:130 Resp: 136000

Ion Ratio Lower Upper

130 100

95 103.1 0.0 208.6

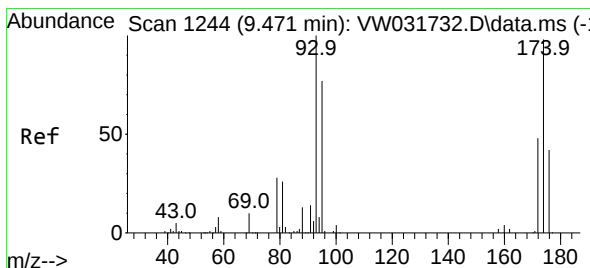
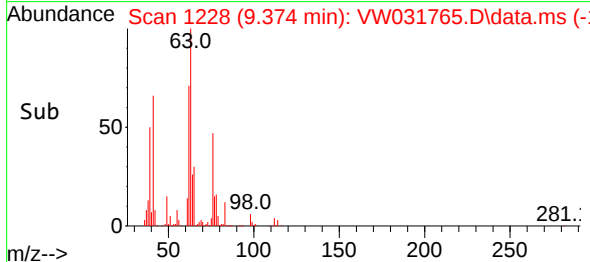
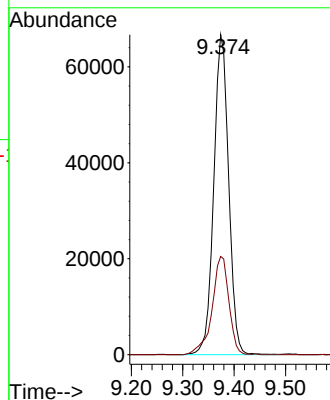
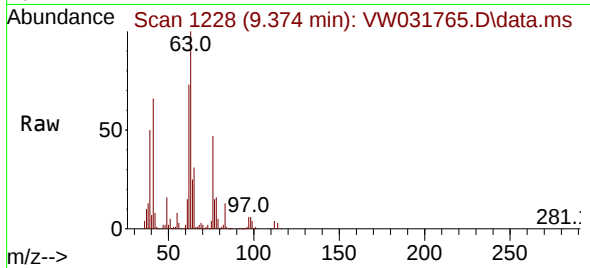




#45
1,2-Dichloropropane
Concen: 50.084 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

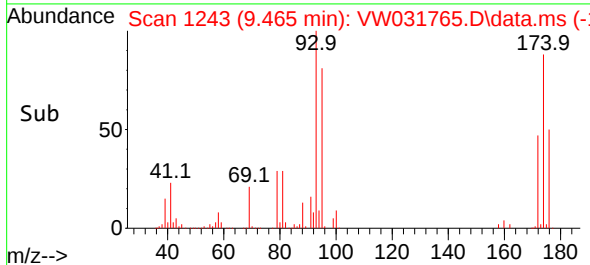
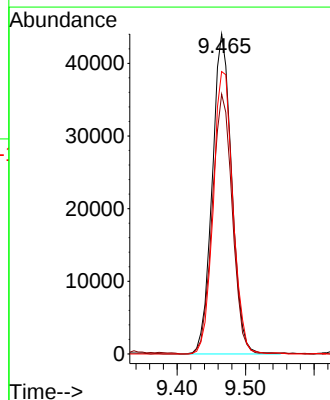
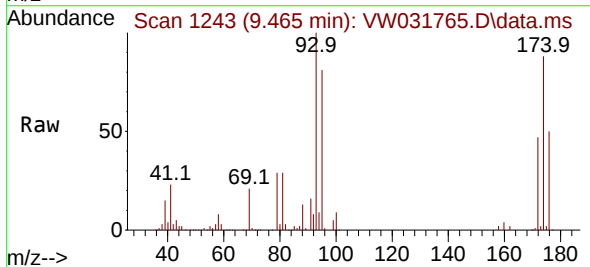
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

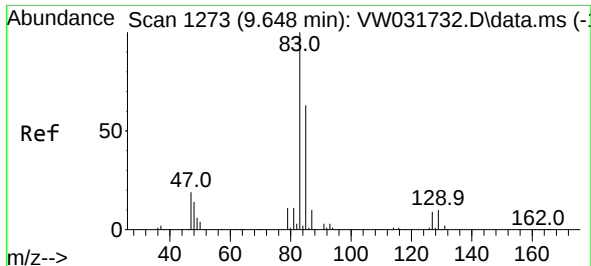
Tgt Ion: 63 Resp: 134234
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4



#46
Dibromomethane
Concen: 50.367 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 93 Resp: 87153
Ion Ratio Lower Upper
93 100
95 82.9 67.0 100.4
174 88.8 71.7 107.5

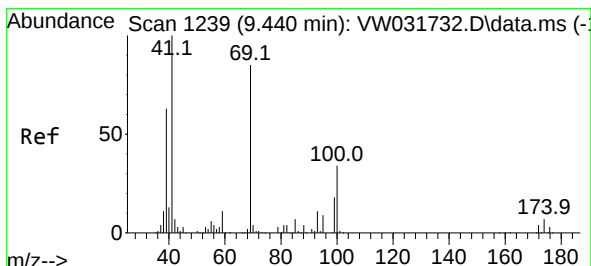
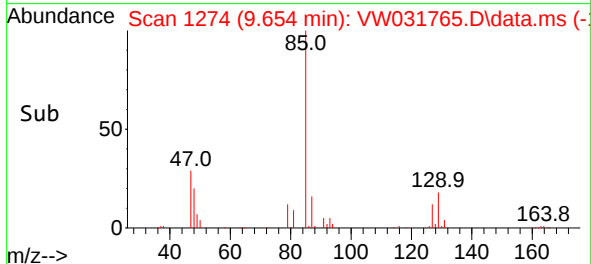
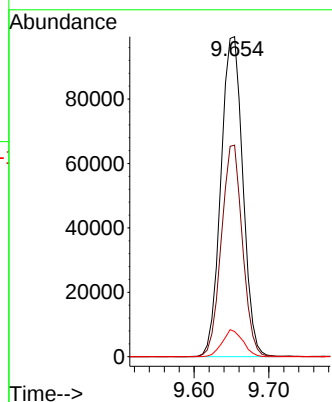
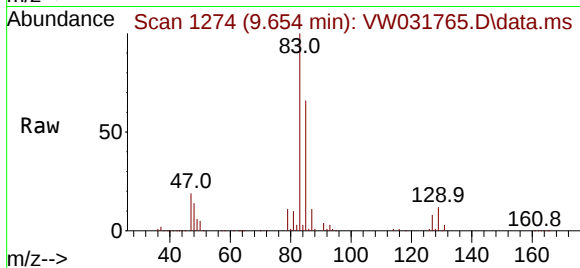




#47
Bromodichloromethane
Concen: 50.023 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

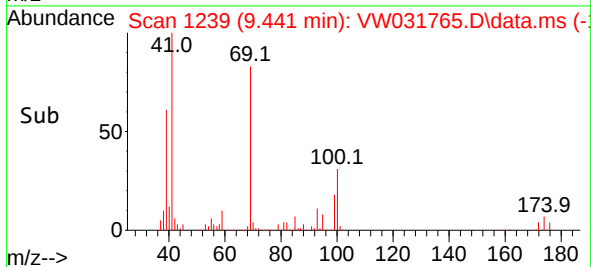
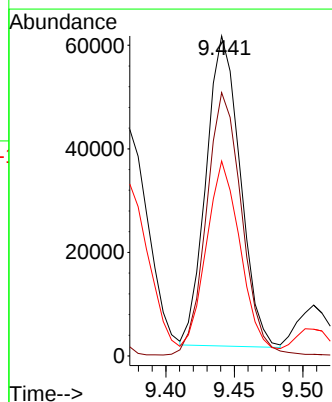
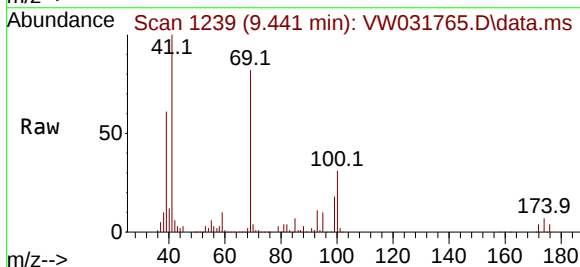
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

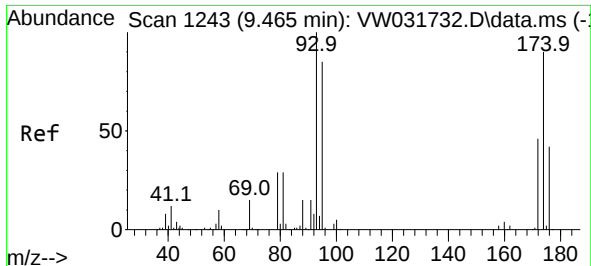
Tgt Ion: 83 Resp: 202976
Ion Ratio Lower Upper
83 100
85 66.1 50.8 76.2
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 51.699 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 41 Resp: 103610
Ion Ratio Lower Upper
41 100
69 87.8 71.6 107.4
39 59.3 49.5 74.3





#49

1,4-Dioxane

Concen: 1038.487 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

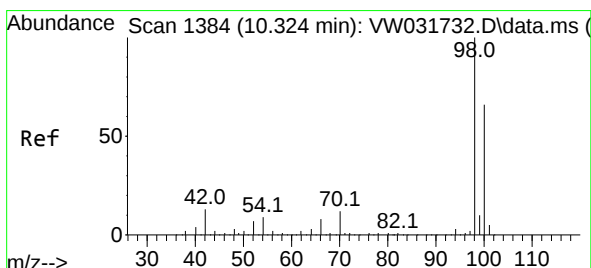
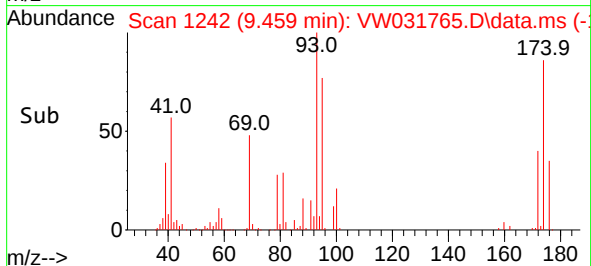
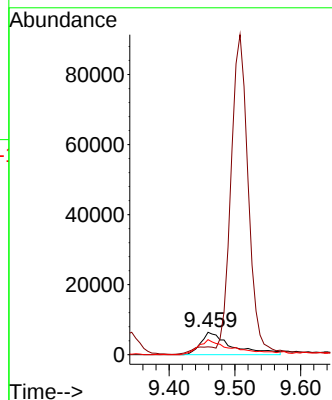
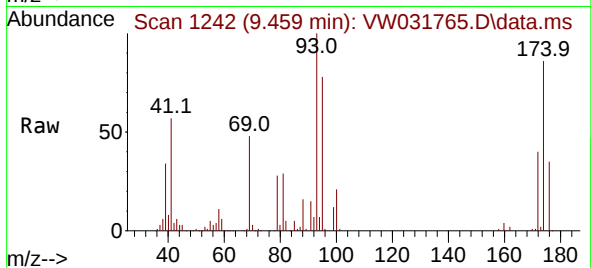
Tgt Ion: 88 Resp: 21046

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.5 58.3 87.5



#50

Toluene-d8

Concen: 52.604 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031765.D

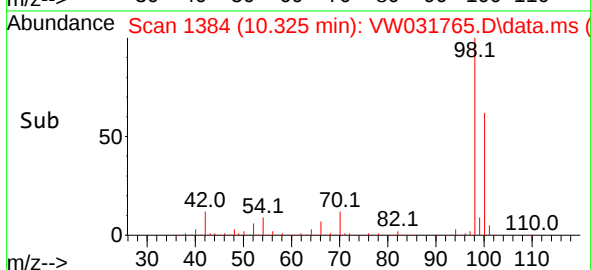
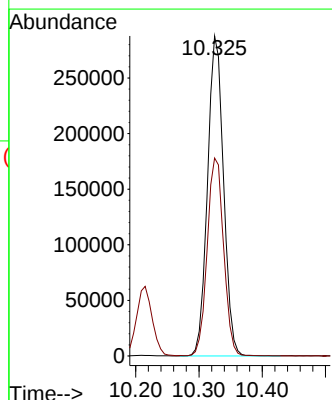
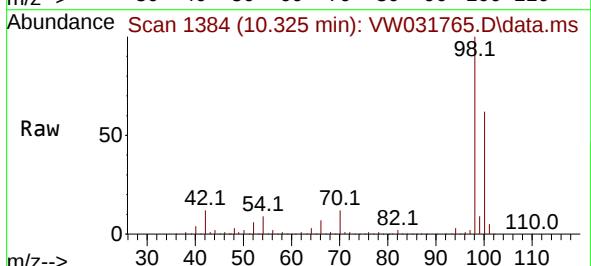
Acq: 03 Jul 2025 15:06

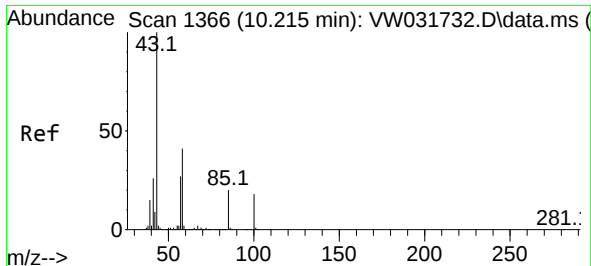
Tgt Ion: 98 Resp: 507073

Ion Ratio Lower Upper

98 100

100 63.3 53.0 79.4

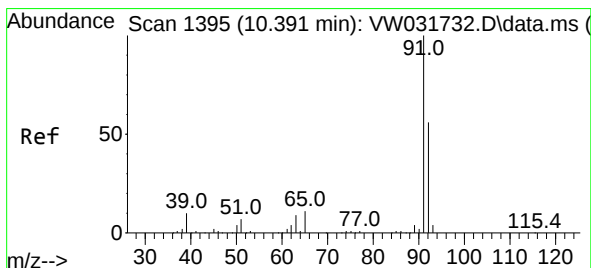
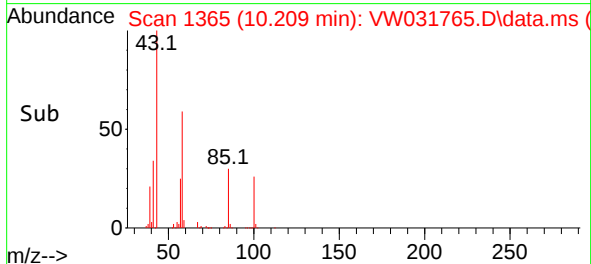
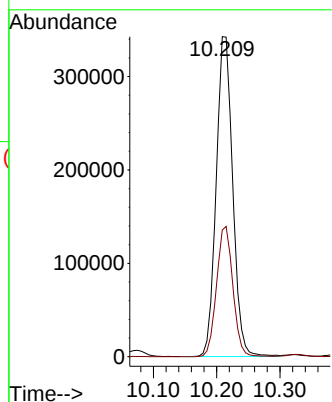
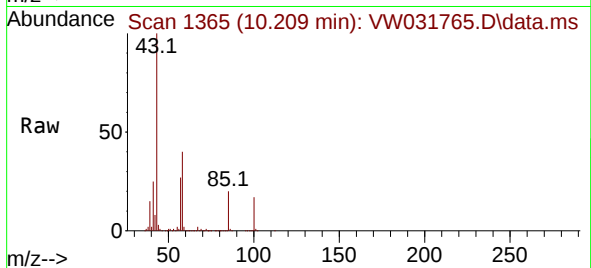




#51
4-Methyl-2-Pentanone
Concen: 264.887 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

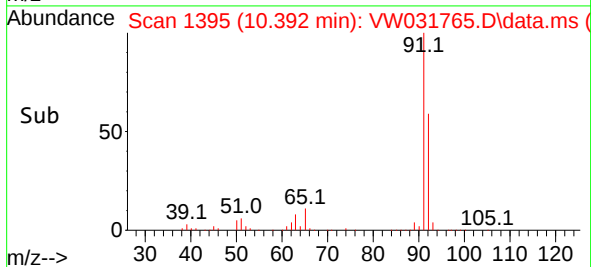
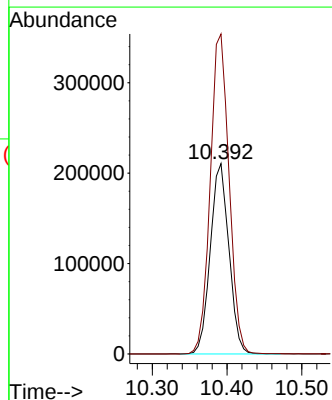
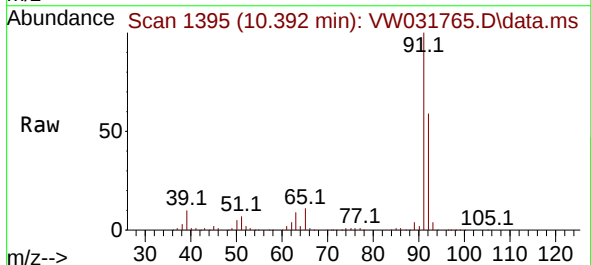
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

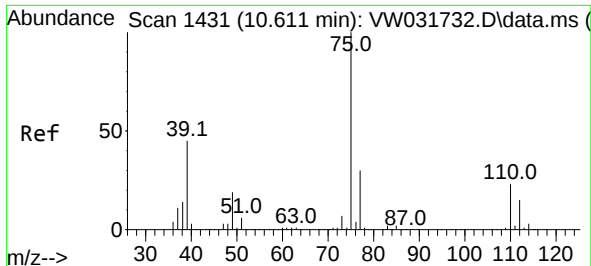
Tgt Ion: 43 Resp: 620694
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 51.166 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 92 Resp: 363291
Ion Ratio Lower Upper
92 100
91 170.5 139.5 209.3

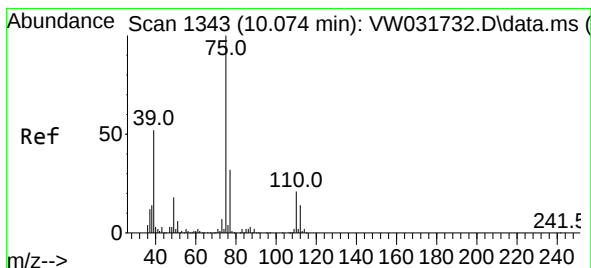
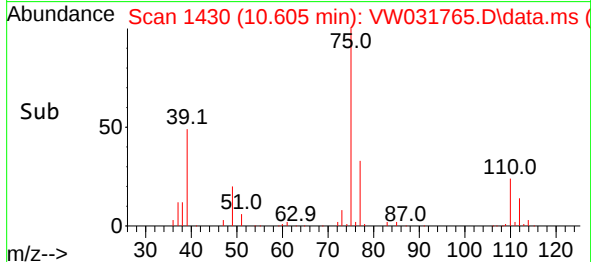
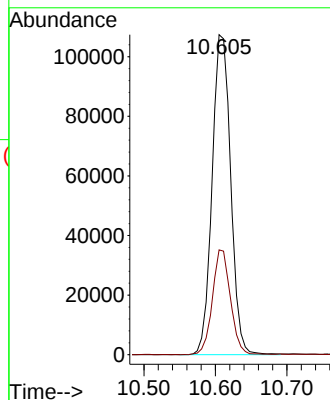
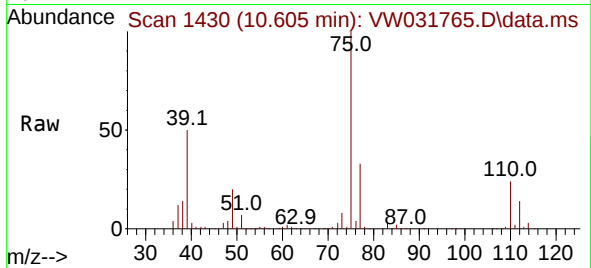




#53
t-1,3-Dichloropropene
Concen: 50.896 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

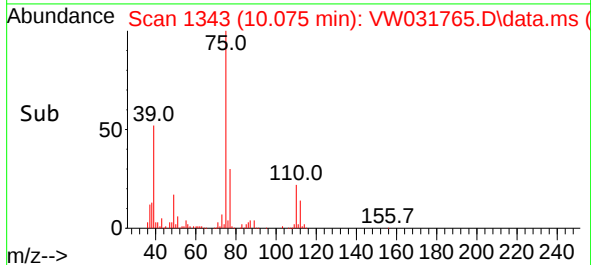
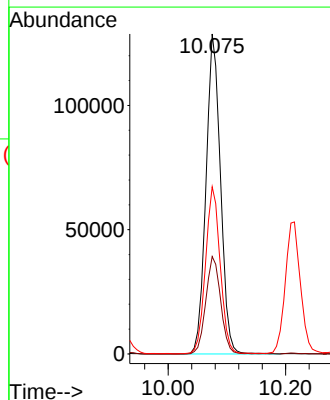
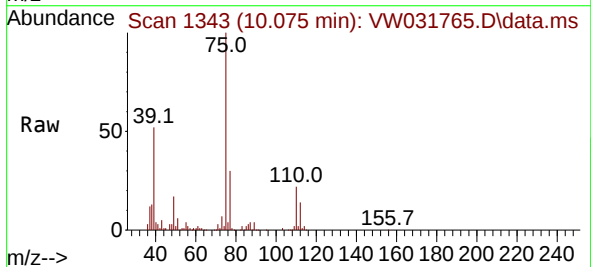
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

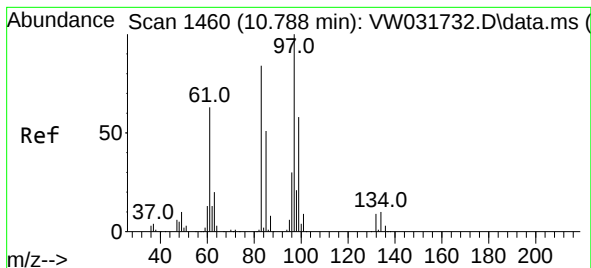
Tgt Ion: 75 Resp: 193766
Ion Ratio Lower Upper
75 100
77 32.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 51.146 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 220737
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2
39 52.1 41.8 62.6



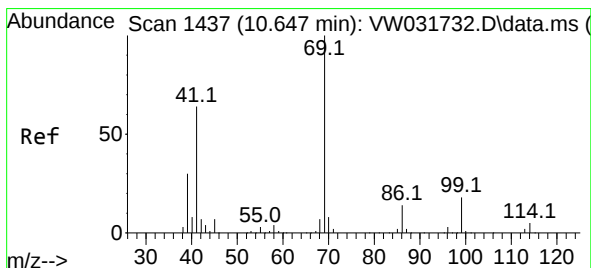
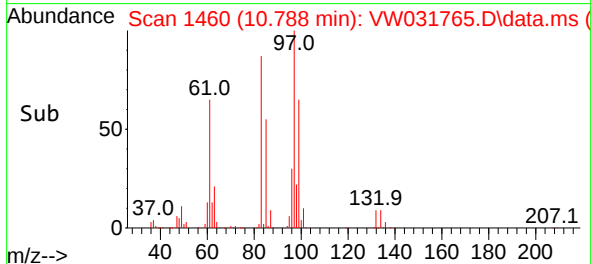
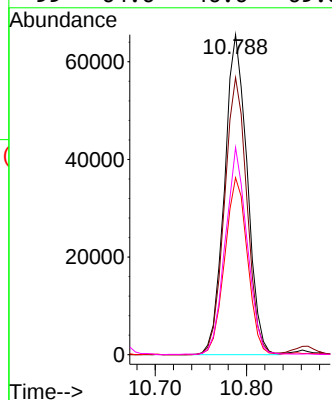
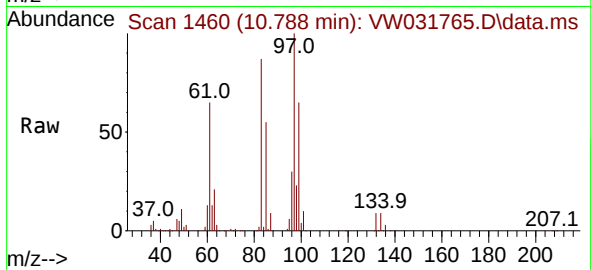


#55
1,1,2-Trichloroethane
Concen: 49.856 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 113005

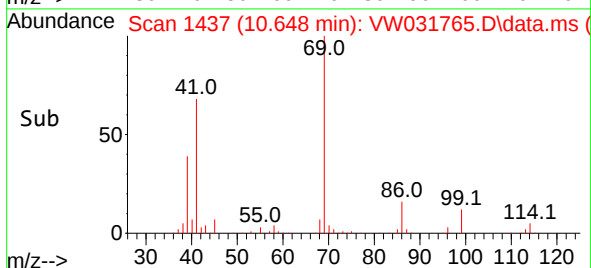
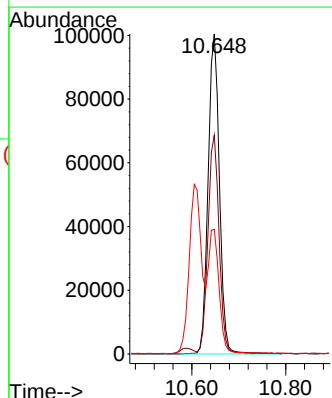
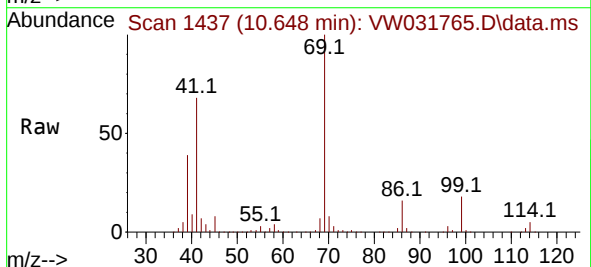
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.9	100.3
85	55.3	41.1	61.7
99	64.6	46.6	69.8

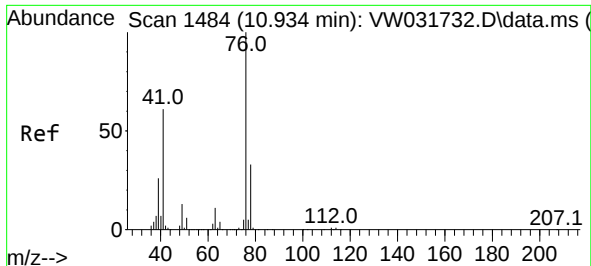


#56
Ethyl methacrylate
Concen: 54.244 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 69 Resp: 166803

Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	35.8	30.2	45.2





#57

1,3-Dichloropropane

Concen: 50.508 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

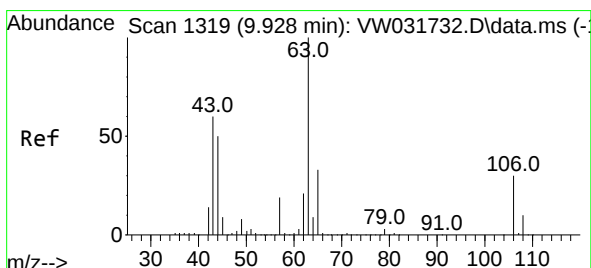
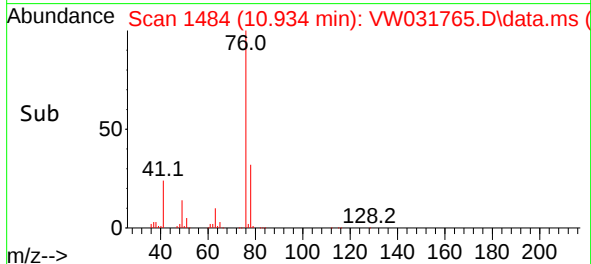
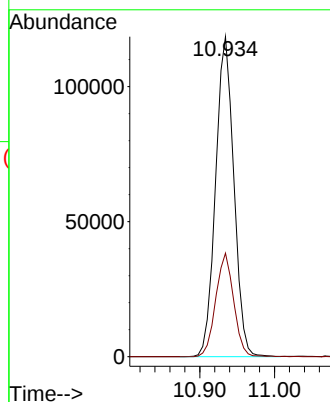
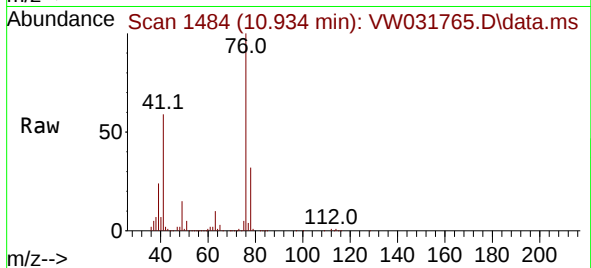
VSTDCCC050EC

Tgt Ion: 76 Resp: 200996

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.654 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031765.D

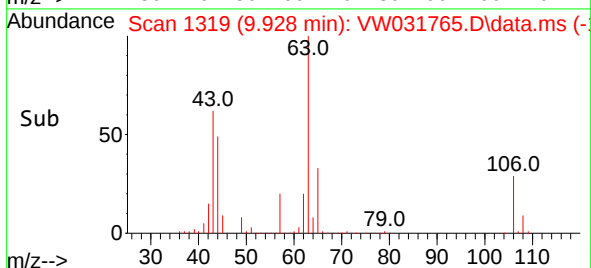
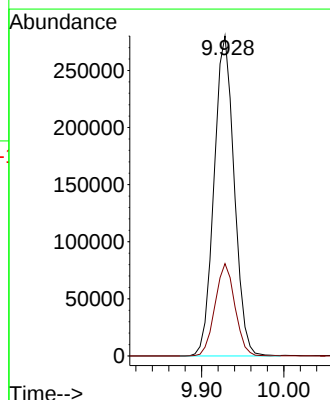
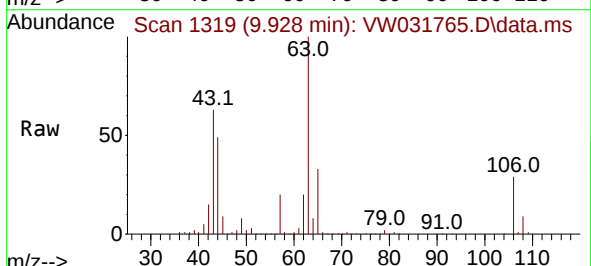
Acq: 03 Jul 2025 15:06

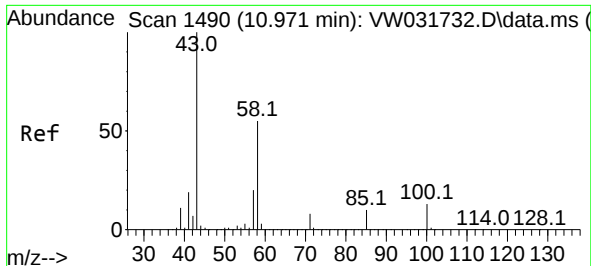
Tgt Ion: 63 Resp: 476917

Ion Ratio Lower Upper

63 100

106 28.5 24.1 36.1





#59

2-Hexanone

Concen: 275.765 ug/l

RT: 10.965 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

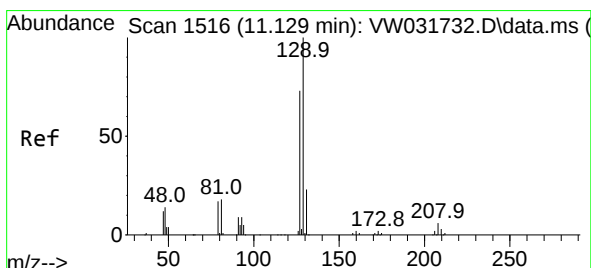
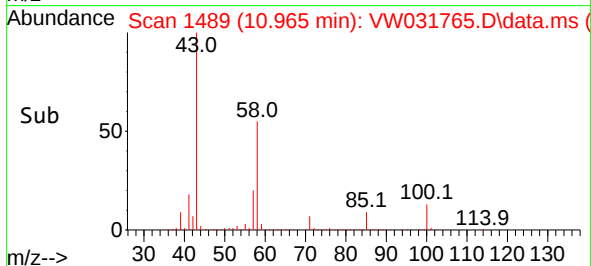
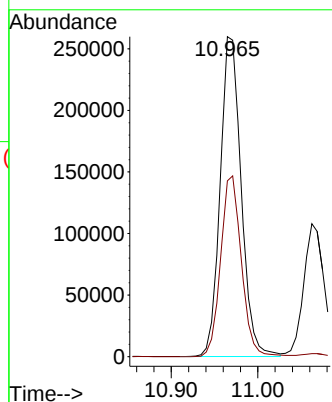
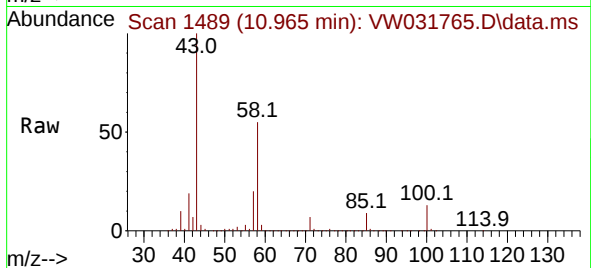
VSTDCCC050EC

Tgt Ion: 43 Resp: 437881

Ion Ratio Lower Upper

43 100

58 55.8 27.9 83.6



#60

Dibromochloromethane

Concen: 50.549 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031765.D

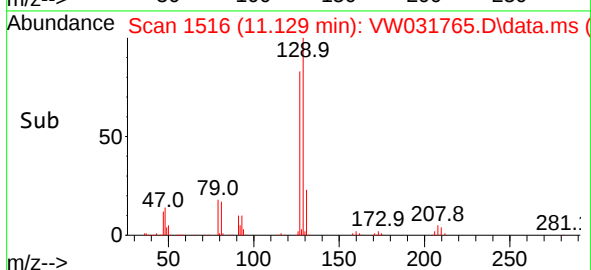
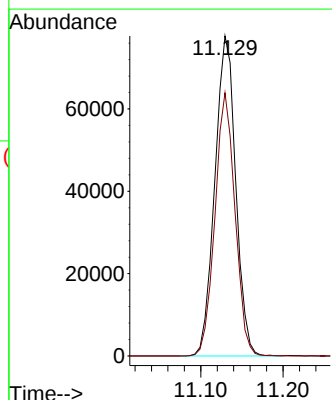
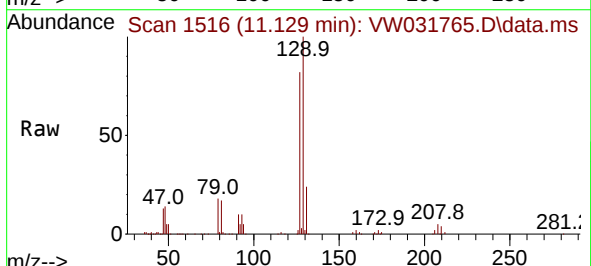
Acq: 03 Jul 2025 15:06

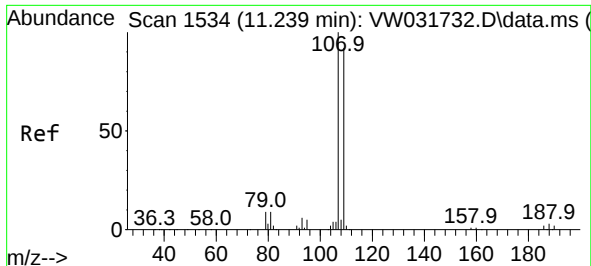
Tgt Ion: 129 Resp: 137011

Ion Ratio Lower Upper

129 100

127 79.1 38.0 114.1

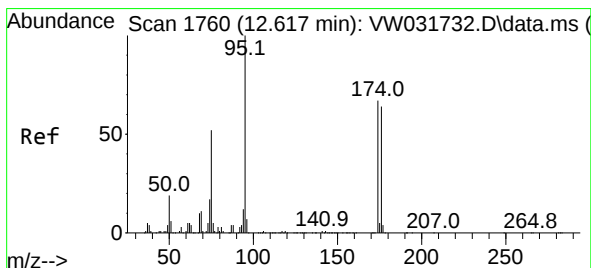
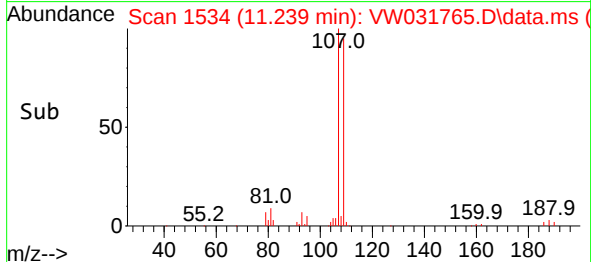
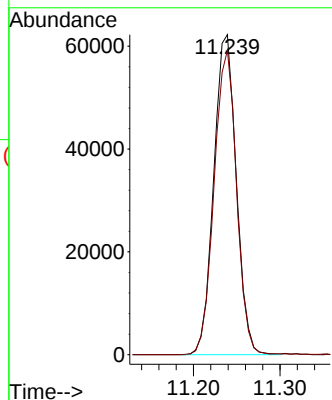
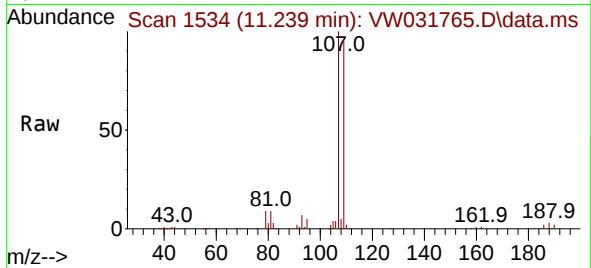




#61
1,2-Dibromoethane
Concen: 49.548 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

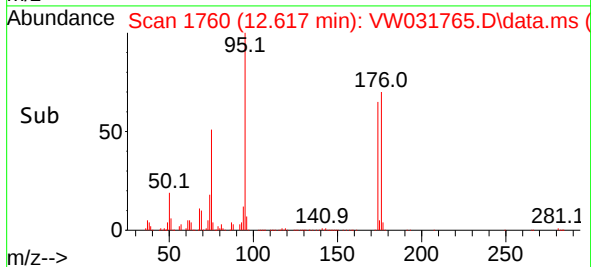
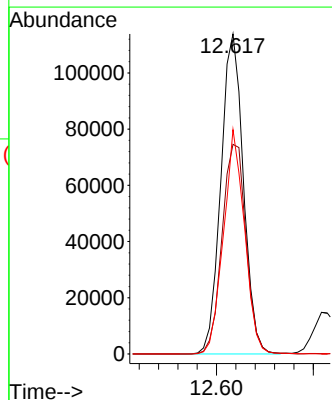
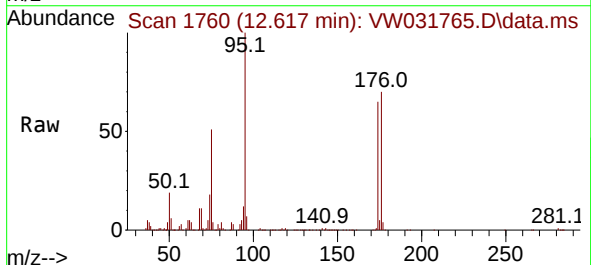
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

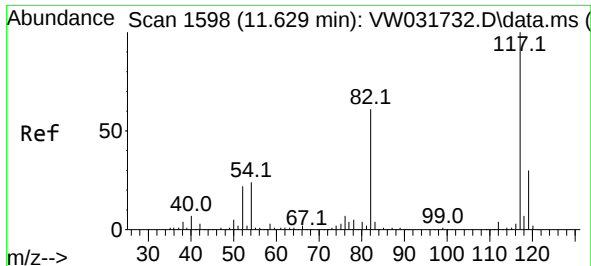
Tgt Ion:107 Resp: 112428
Ion Ratio Lower Upper
107 100
109 94.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.705 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 95 Resp: 183413
Ion Ratio Lower Upper
95 100
174 69.9 0.0 133.8
176 65.9 0.0 126.0

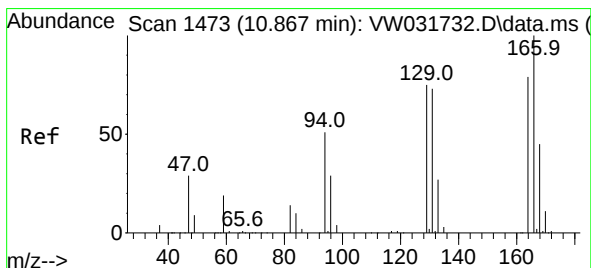
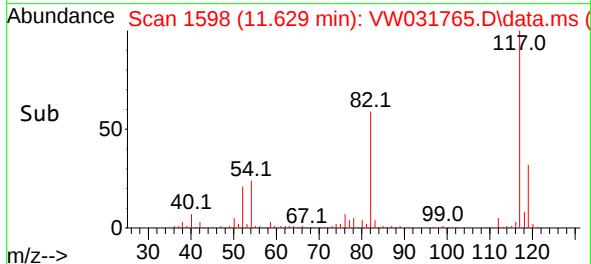
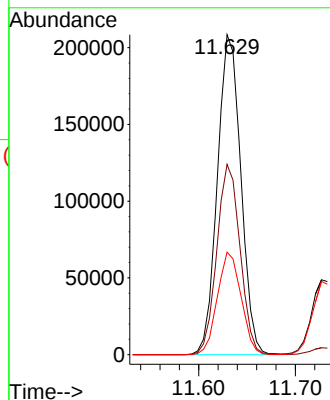
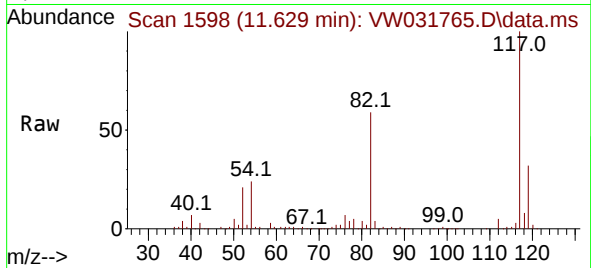




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

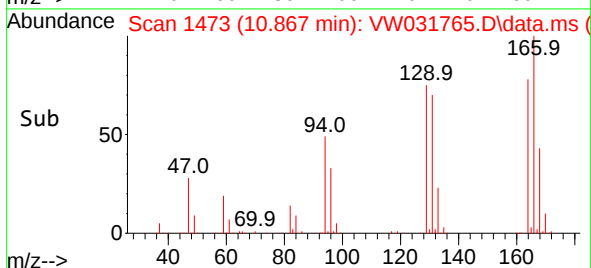
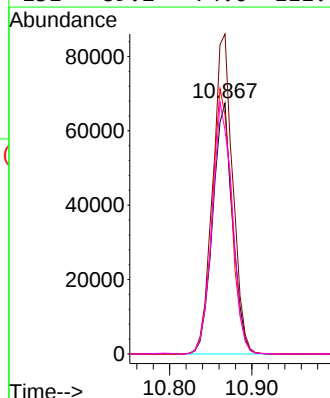
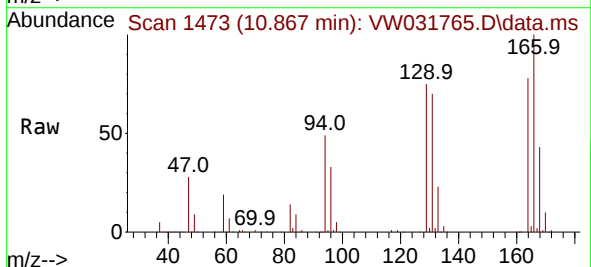
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

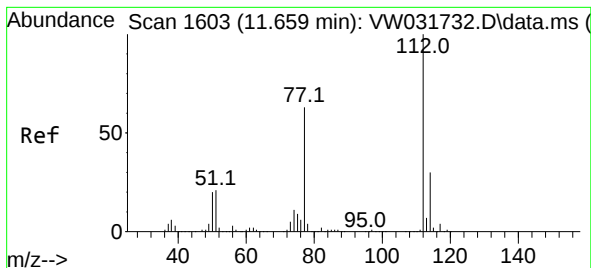
Tgt Ion:117 Resp: 351048
Ion Ratio Lower Upper
117 100
82 59.4 48.6 72.8
119 32.1 23.9 35.9



#64
Tetrachloroethene
Concen: 49.115 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:164 Resp: 112782
Ion Ratio Lower Upper
164 100
166 127.6 100.7 151.1
129 95.3 75.4 113.0
131 89.2 74.0 111.0

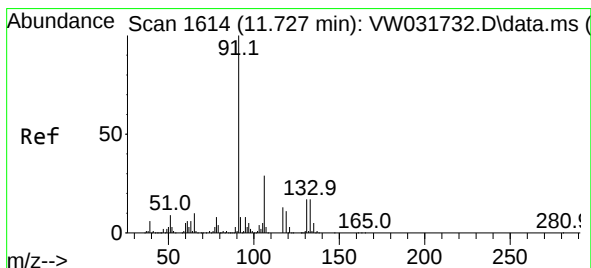
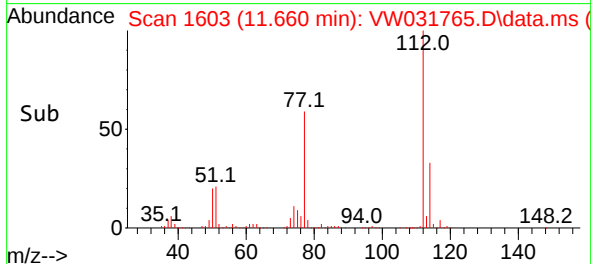
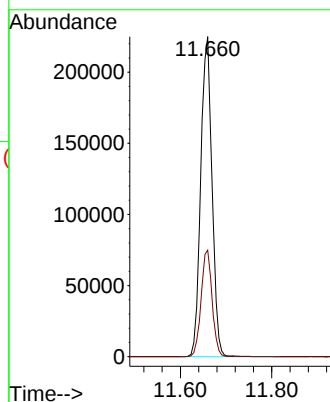
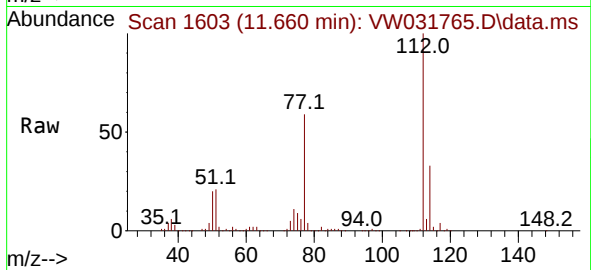




#65
Chlorobenzene
Concen: 49.570 ug/l
RT: 11.660 min Scan# 11603
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

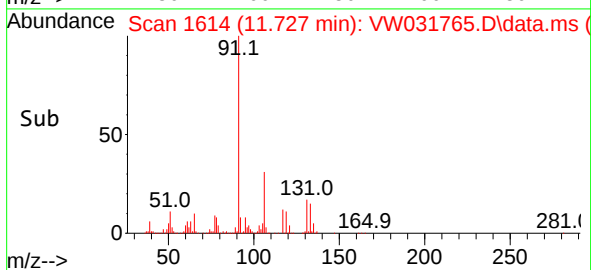
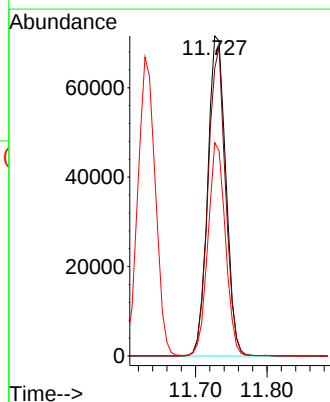
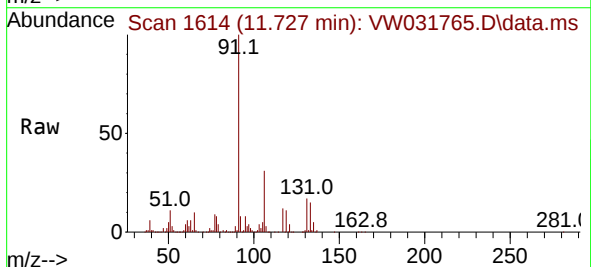
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

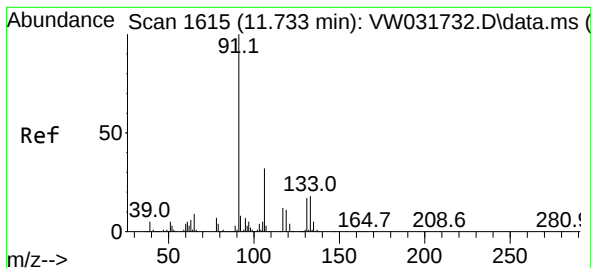
Tgt Ion:112 Resp: 383939
Ion Ratio Lower Upper
112 100
114 33.3 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.012 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:131 Resp: 125908
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.6
119 64.2 32.5 97.5

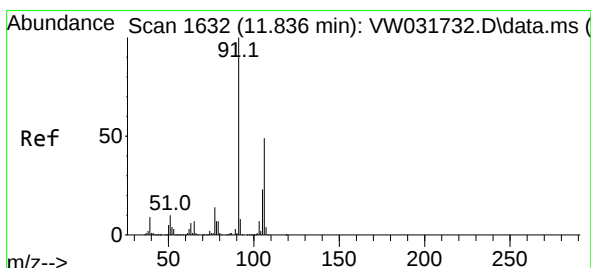
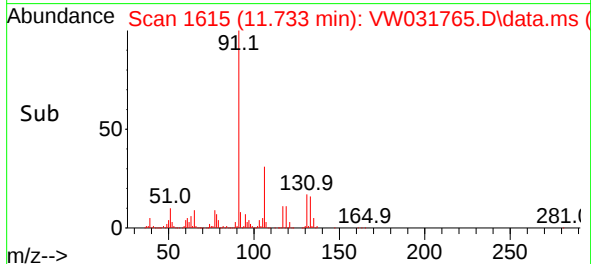
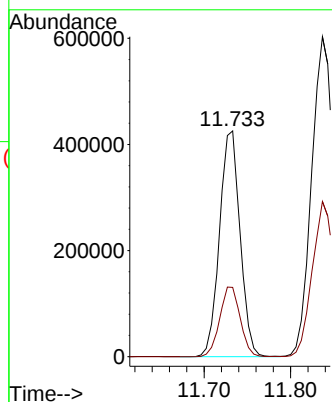
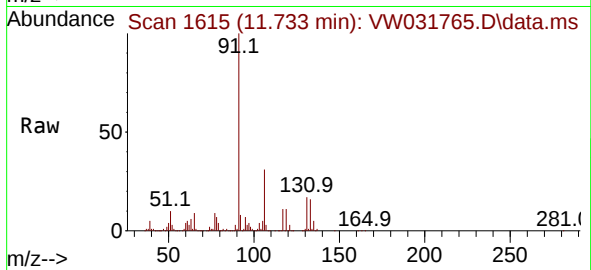




#67
Ethyl Benzene
Concen: 52.210 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

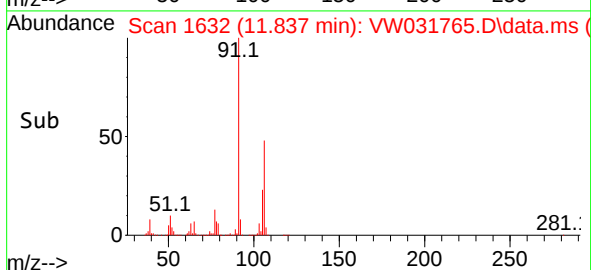
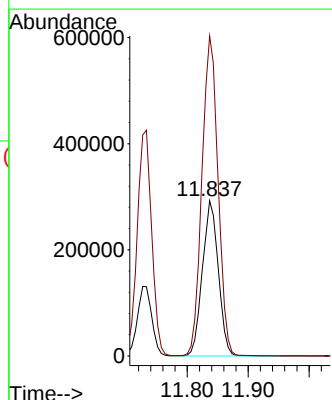
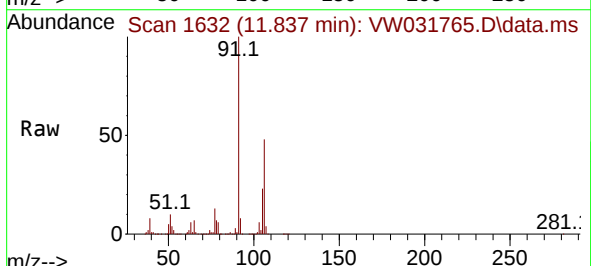
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

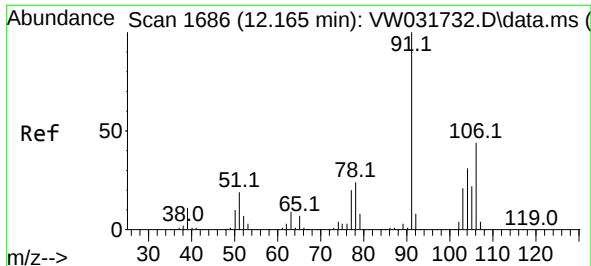
Tgt Ion: 91 Resp: 701214
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2



#68
m/p-Xylenes
Concen: 102.404 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:106 Resp: 528708
Ion Ratio Lower Upper
106 100
91 209.3 166.4 249.6

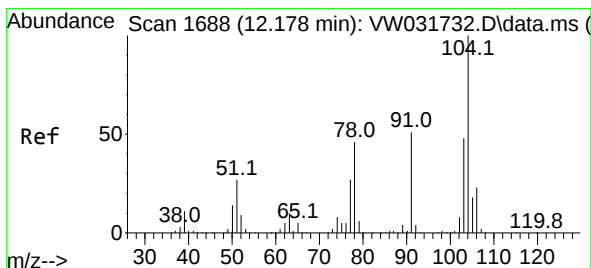
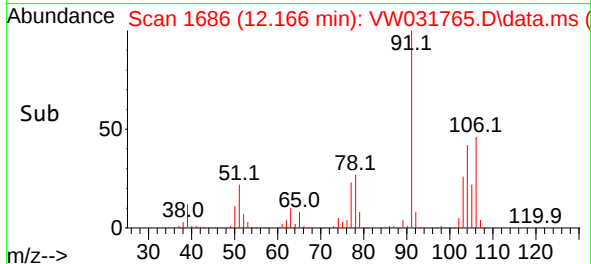
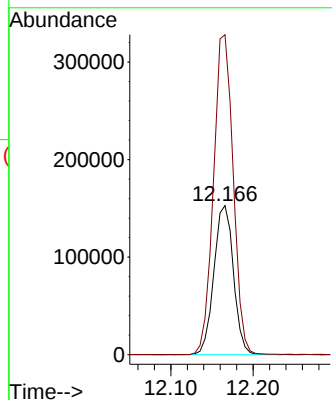
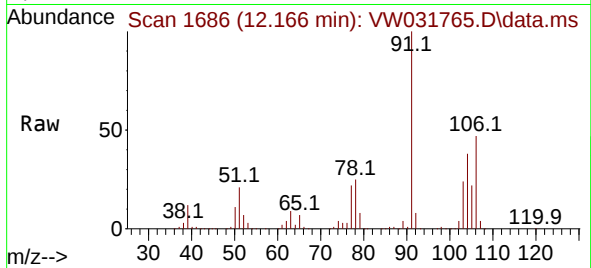




#69
o-Xylene
Concen: 52.791 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

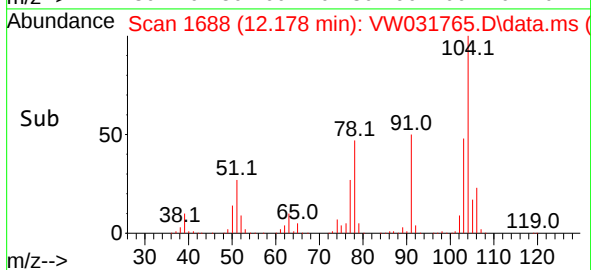
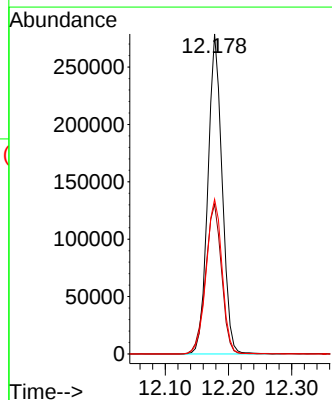
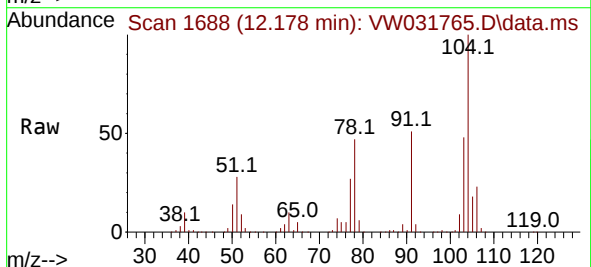
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

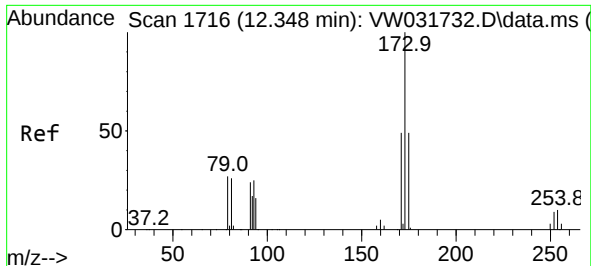
Tgt Ion:106 Resp: 252358
Ion Ratio Lower Upper
106 100
91 217.0 111.5 334.4



#70
Styrene
Concen: 52.916 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

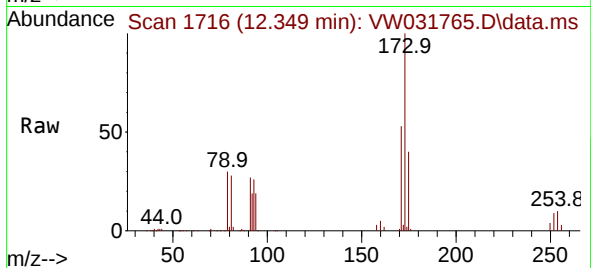
Tgt Ion:104 Resp: 437301
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 54.0 43.0 64.6



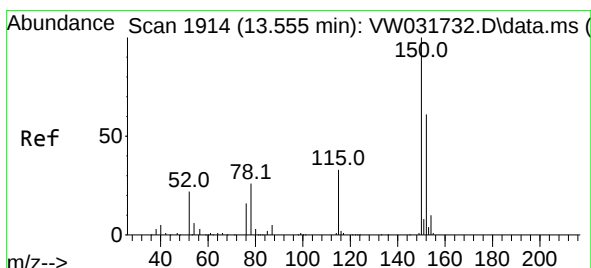
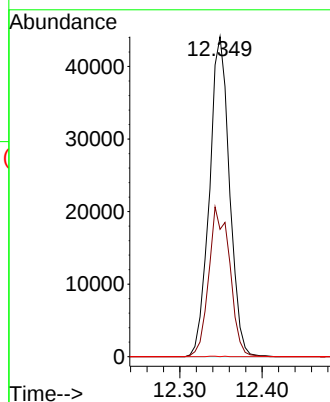
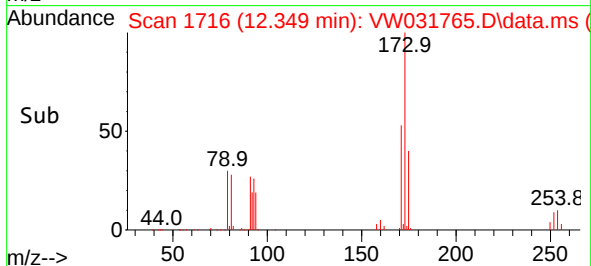


#71
Bromoform
Concen: 50.954 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

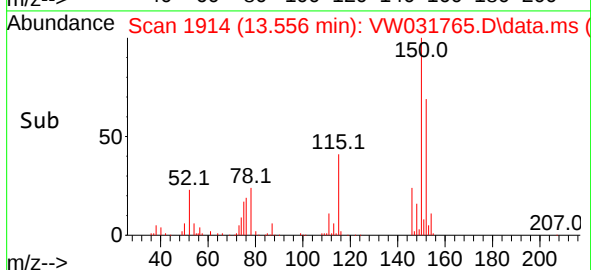
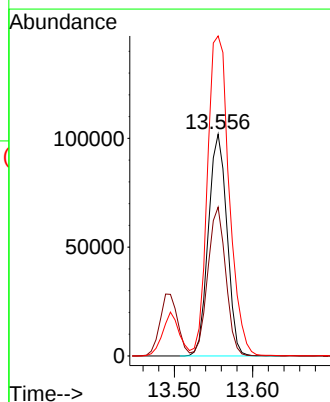
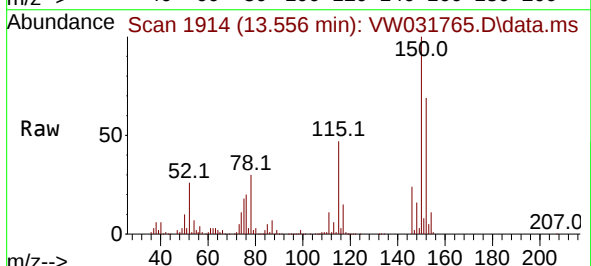


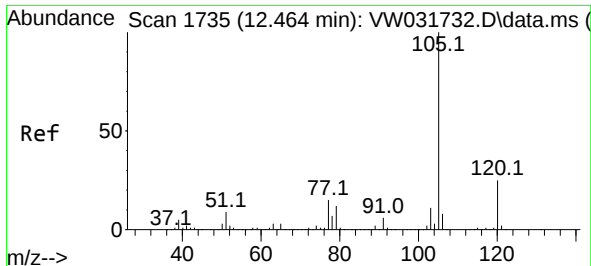
Tgt Ion:173 Resp: 75025
Ion Ratio Lower Upper
173 100
175 48.9 24.0 72.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:152 Resp: 167857
Ion Ratio Lower Upper
152 100
115 64.9 31.9 95.7
150 168.5 0.0 356.4

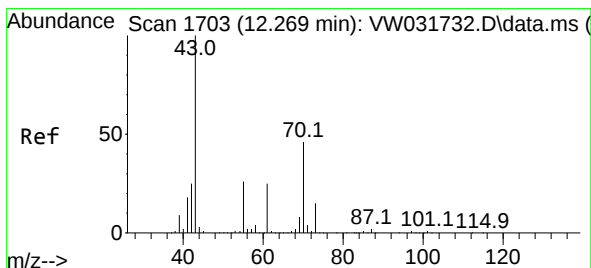
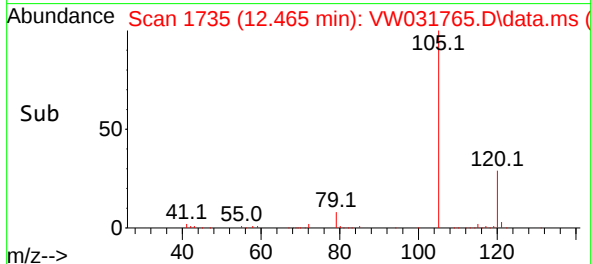
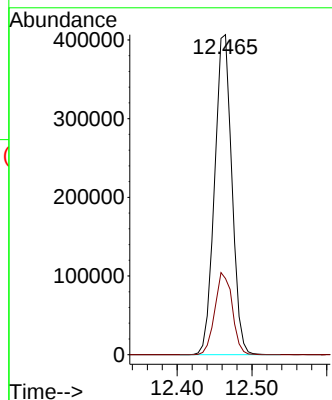
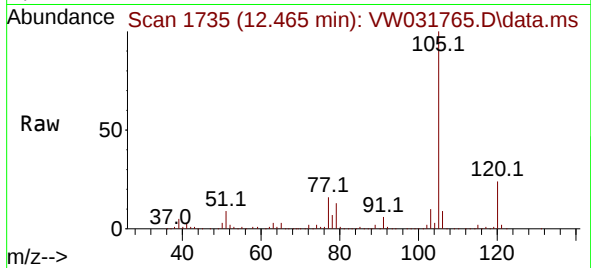




#73
Isopropylbenzene
Concen: 51.047 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

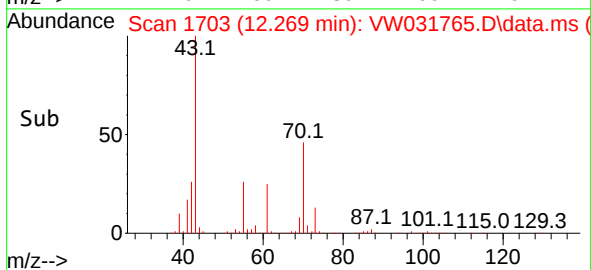
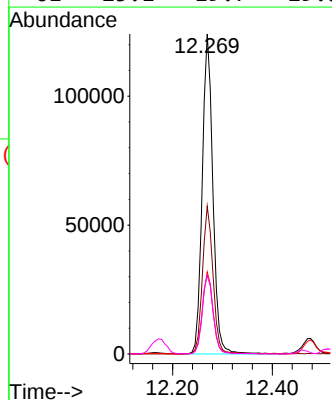
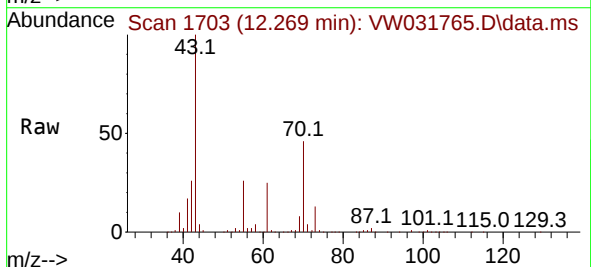
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

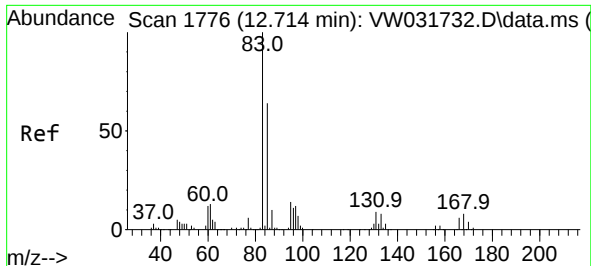
Tgt Ion:105 Resp: 651773
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-ethyl acetate
Concen: 53.556 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 43 Resp: 184308
Ion Ratio Lower Upper
43 100
70 45.9 36.0 54.0
55 26.0 20.8 31.2
61 25.1 19.7 29.5

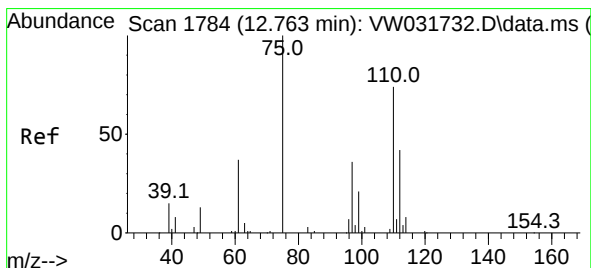
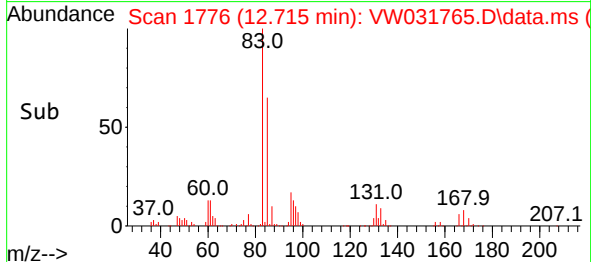
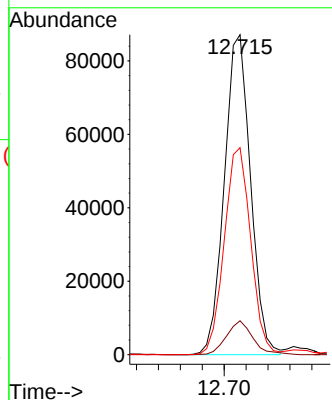
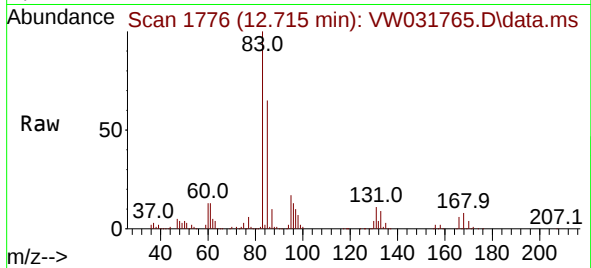




#75
1,1,2,2-Tetrachloroethane
Concen: 51.012 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

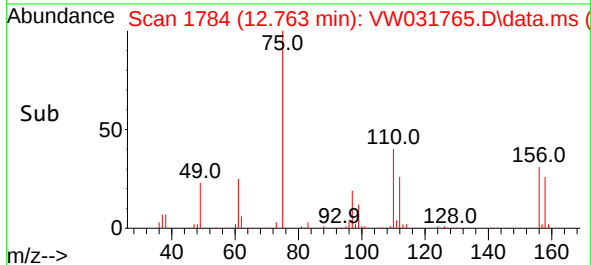
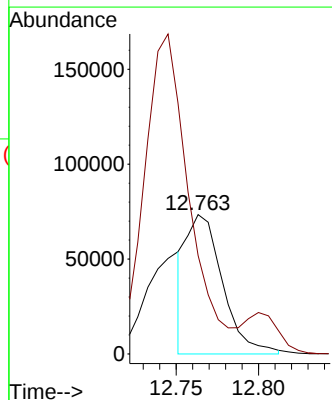
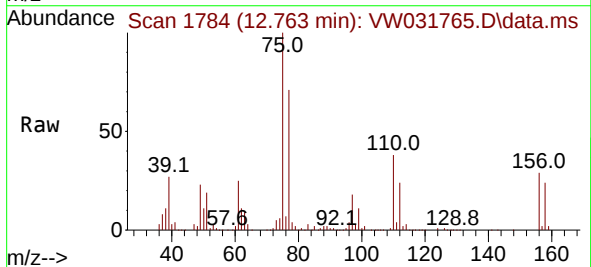
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

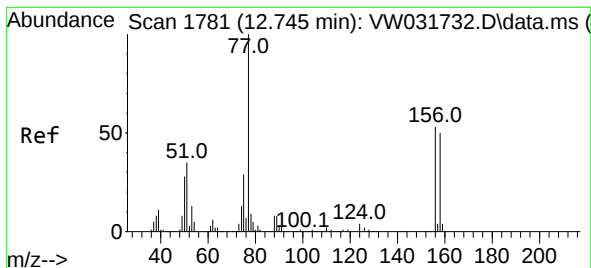
Tgt Ion: 83 Resp: 144601
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 65.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 51.646 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 112029
Ion Ratio Lower Upper
75 100
77 281.0 141.2 423.6





#77

Bromobenzene

Concen: 51.228 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

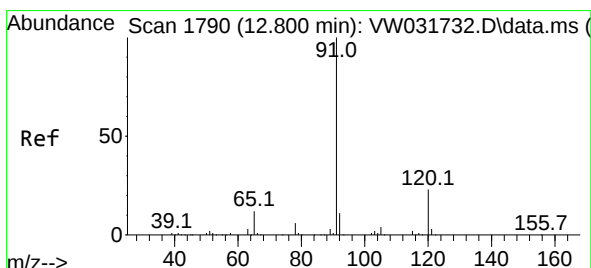
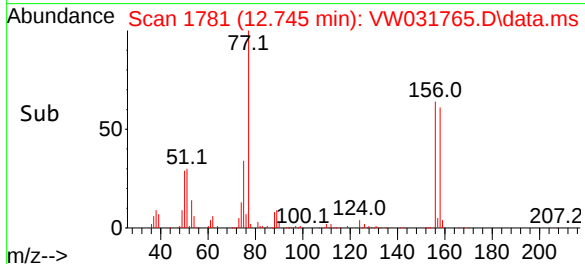
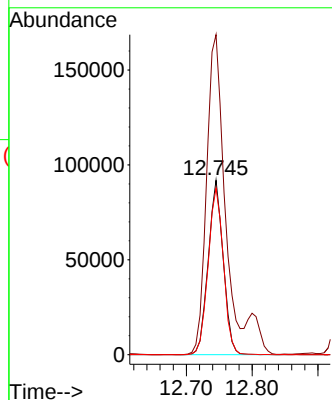
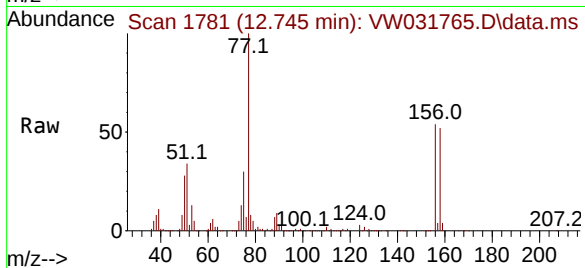
Tgt Ion:156 Resp: 145884

Ion Ratio Lower Upper

156 100

77 215.8 117.9 353.7

158 97.5 52.6 157.8



#78

n-propylbenzene

Concen: 53.454 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031765.D

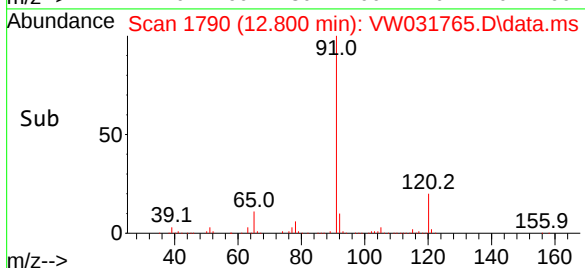
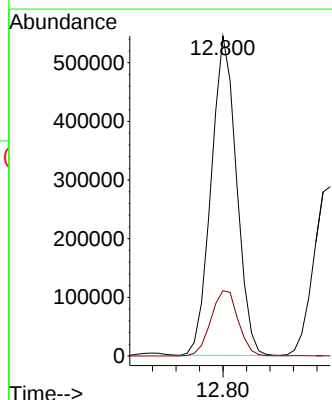
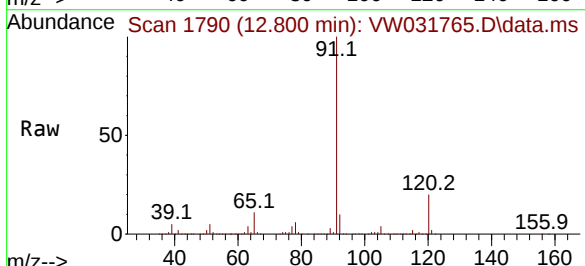
Acq: 03 Jul 2025 15:06

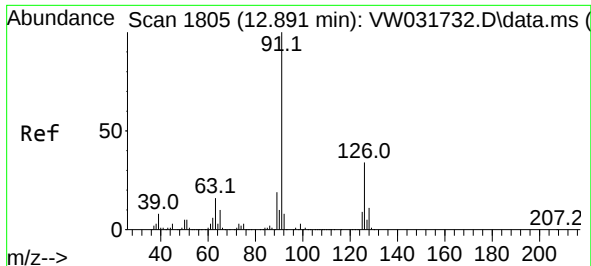
Tgt Ion: 91 Resp: 817283

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

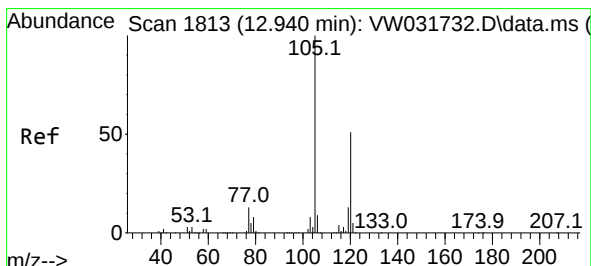
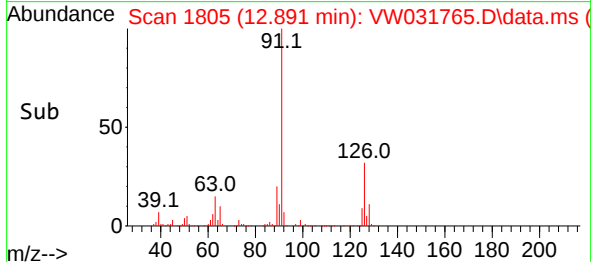
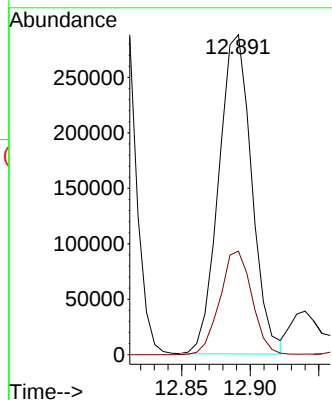
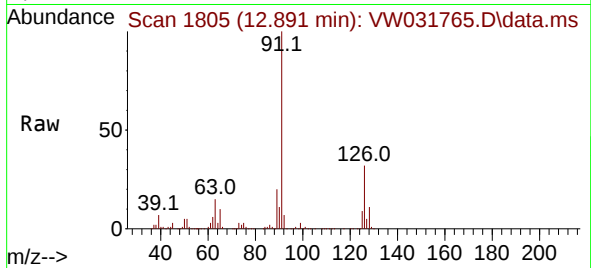




#79
2-Chlorotoluene
Concen: 52.386 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

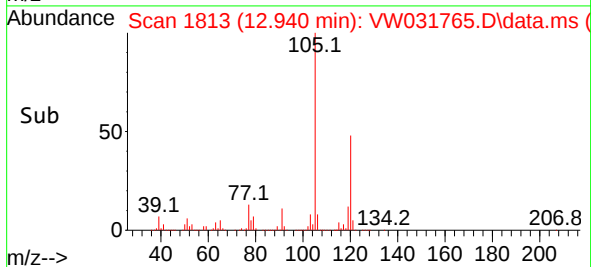
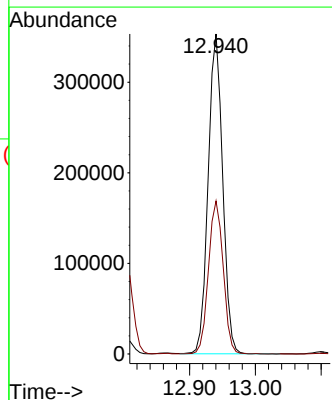
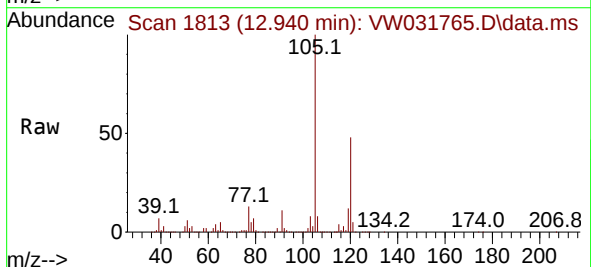
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

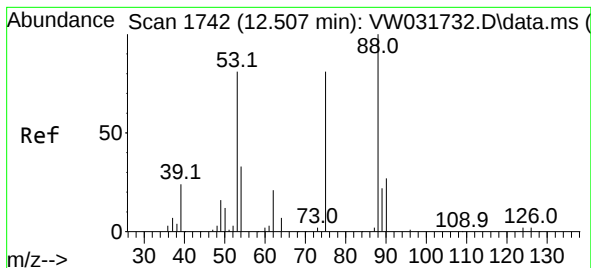
Tgt Ion: 91 Resp: 482315
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 51.361 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 105 Resp: 542826
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.2

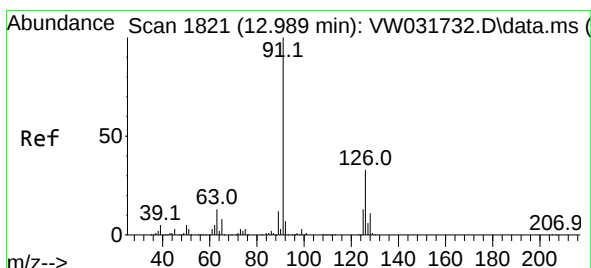
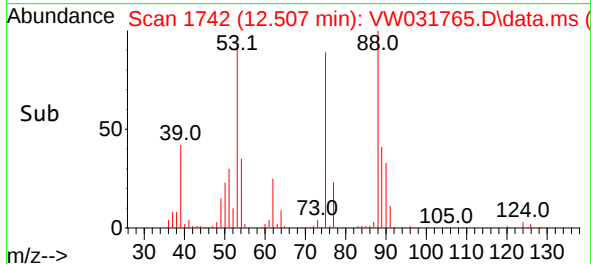
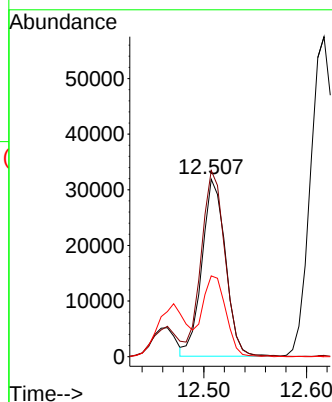
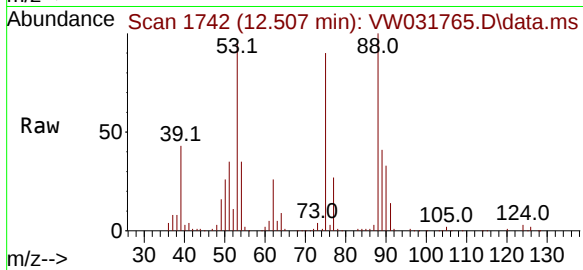




#81
trans-1,4-Dichloro-2-butene
Concen: 54.304 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

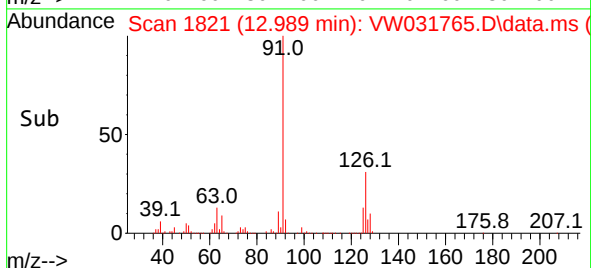
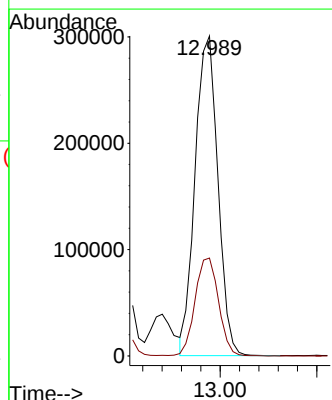
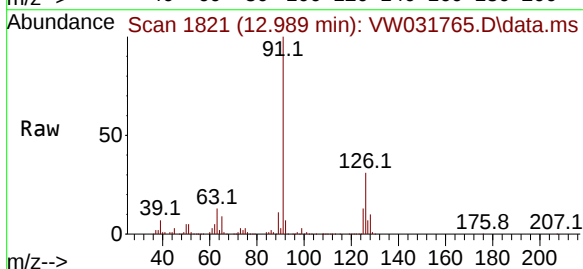
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

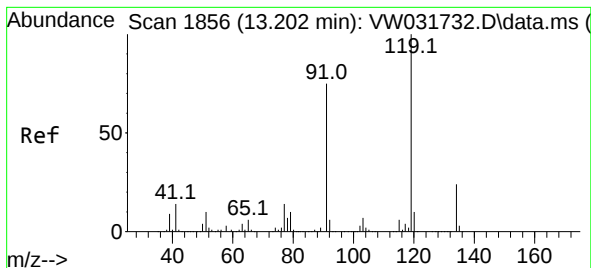
Tgt Ion: 75 Resp: 50574
Ion Ratio Lower Upper
75 100
53 105.4 83.5 125.3
89 45.7 38.3 57.5



#82
4-Chlorotoluene
Concen: 50.896 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 91 Resp: 491975
Ion Ratio Lower Upper
91 100
126 31.6 16.0 47.9





#83

tert-Butylbenzene

Concen: 51.424 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

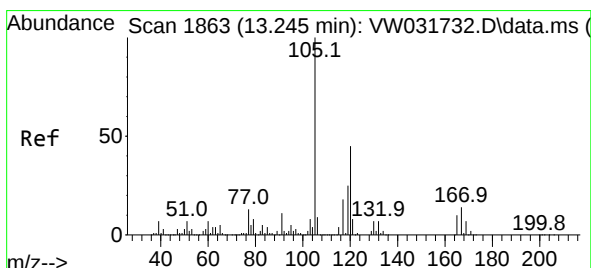
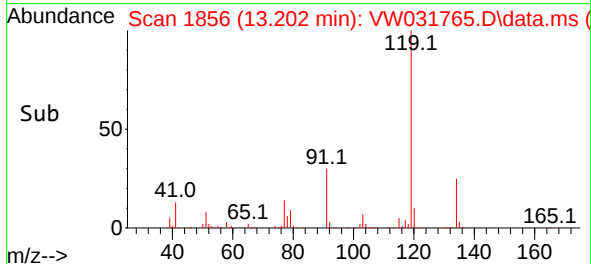
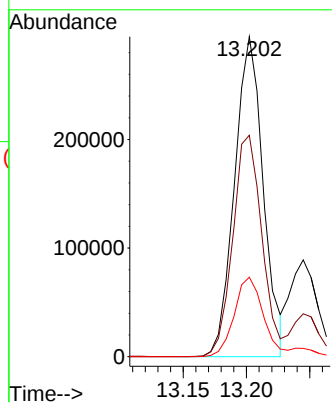
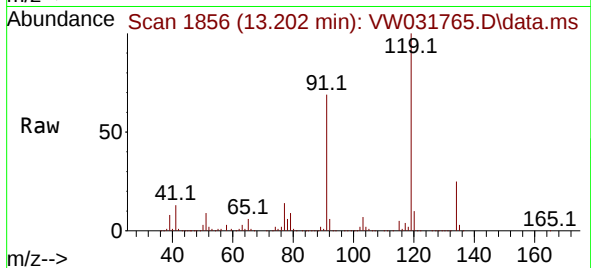
Tgt Ion:119 Resp: 465553

Ion Ratio Lower Upper

119 100

91 70.0 36.0 108.1

134 25.2 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 51.504 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031765.D

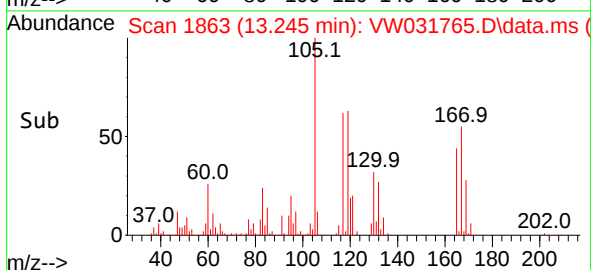
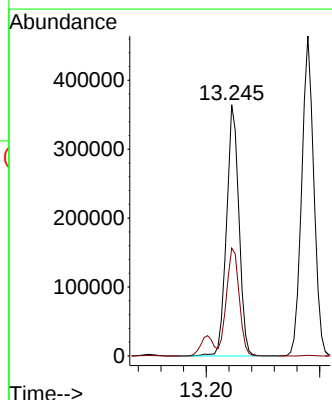
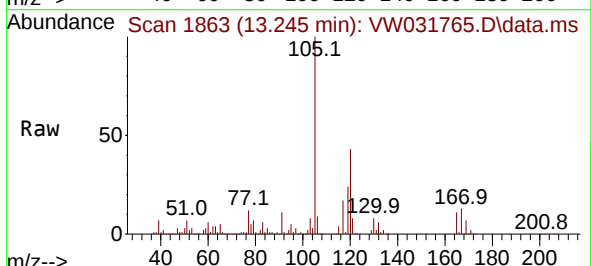
Acq: 03 Jul 2025 15:06

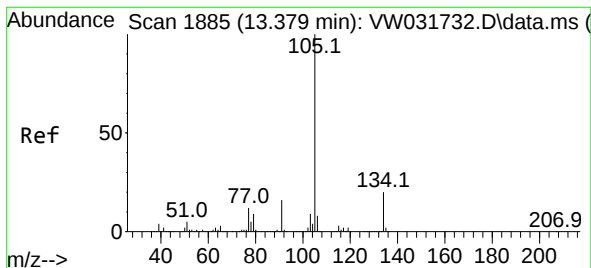
Tgt Ion:105 Resp: 551532

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.582 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

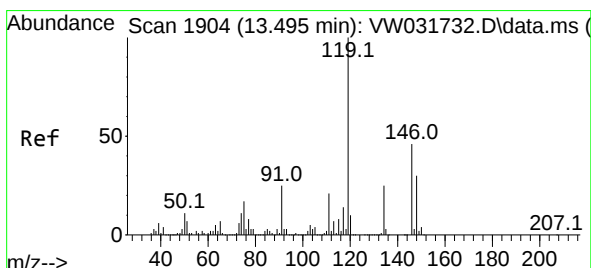
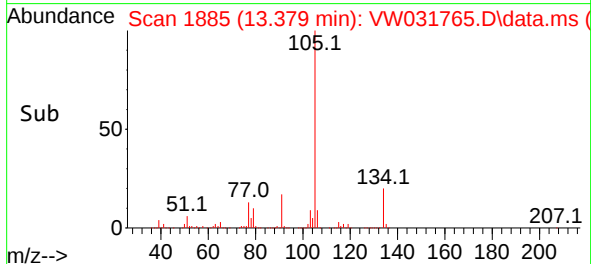
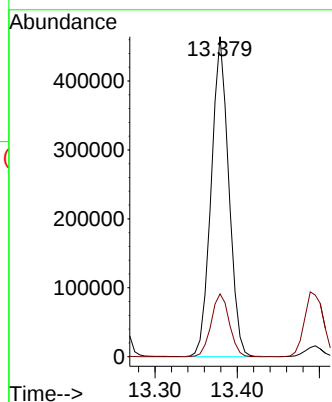
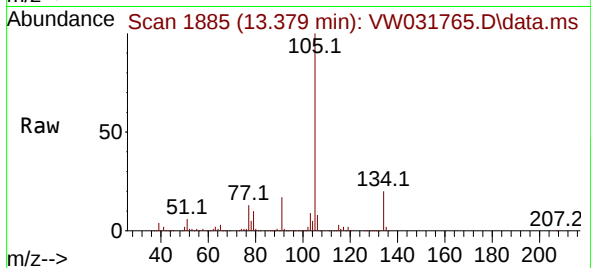
VSTDCCC050EC

Tgt Ion:105 Resp: 687329

Ion Ratio Lower Upper

105 100

134 20.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 52.482 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

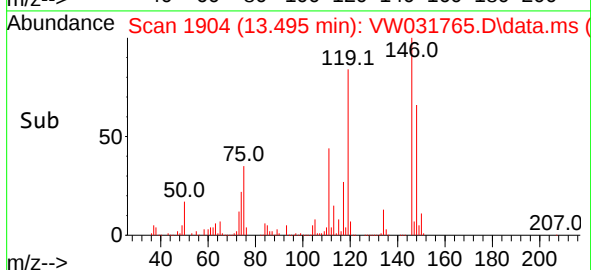
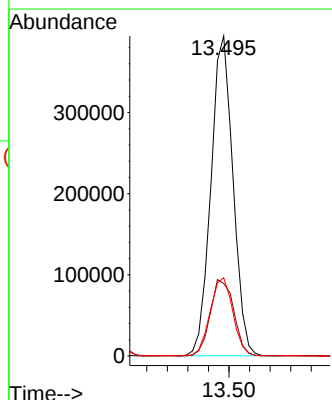
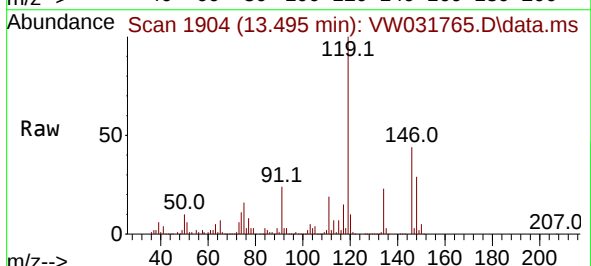
Tgt Ion:119 Resp: 587739

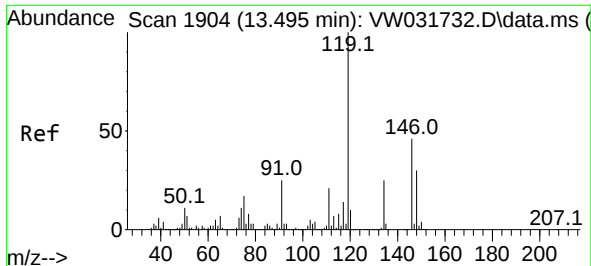
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 25.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 50.350 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

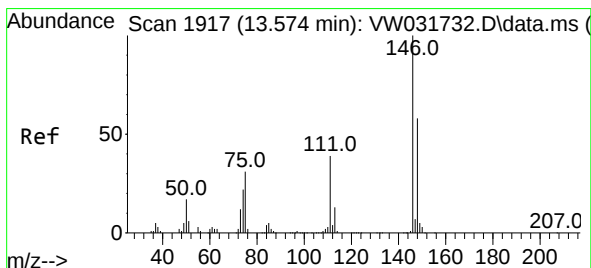
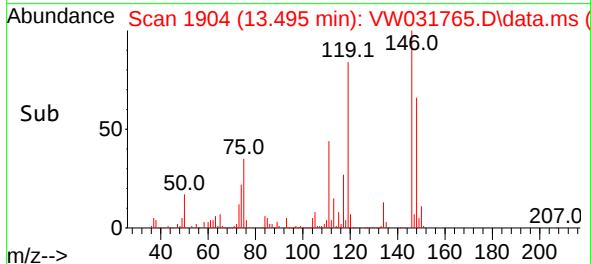
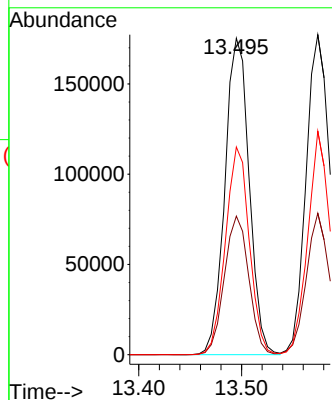
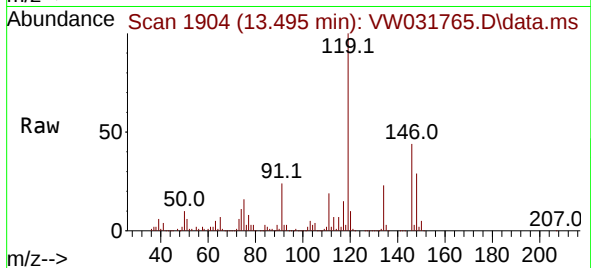
Tgt Ion:146 Resp: 287548

Ion Ratio Lower Upper

146 100

111 44.1 22.3 66.9

148 64.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 49.346 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

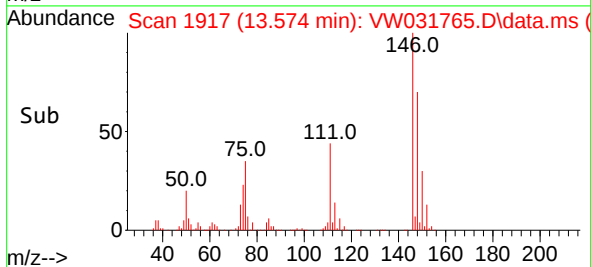
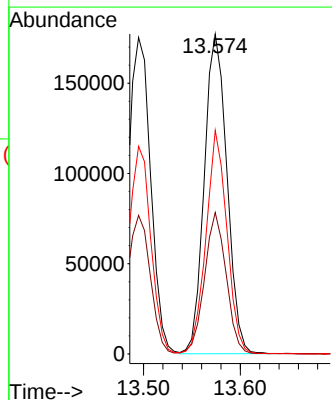
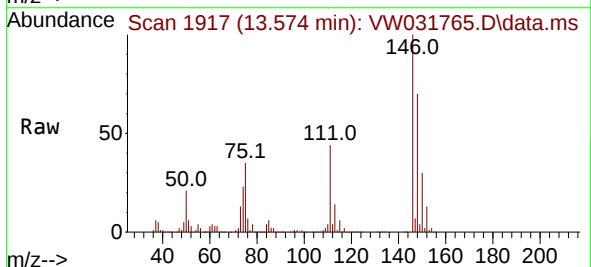
Tgt Ion:146 Resp: 288451

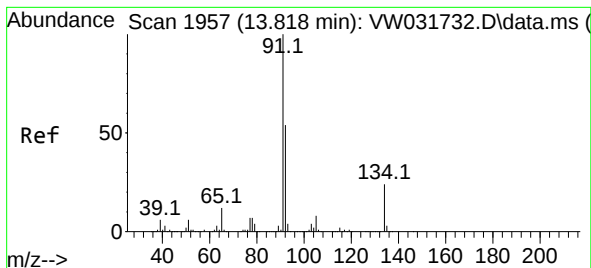
Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.3

148 64.7 30.2 90.6





#89

n-Butylbenzene

Concen: 52.724 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

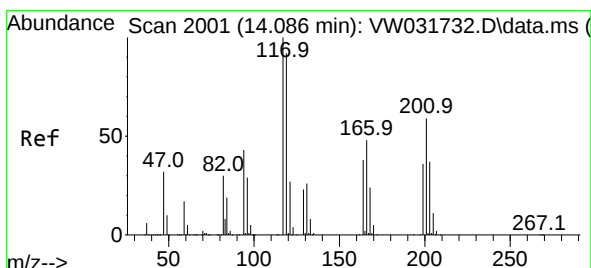
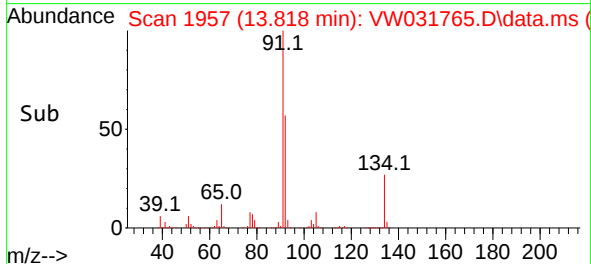
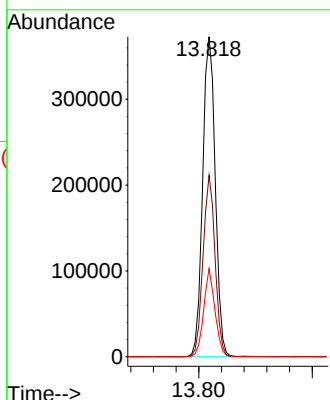
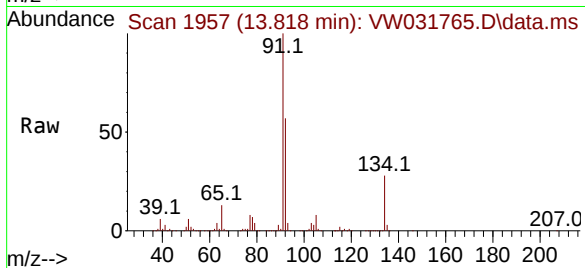
Tgt Ion: 91 Resp: 573682

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 24.7 12.2 36.6



#90

Hexachloroethane

Concen: 50.614 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031765.D

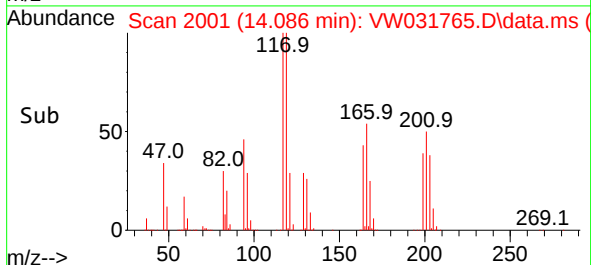
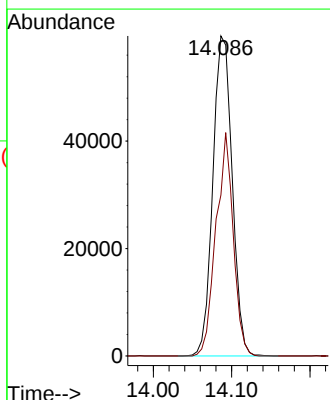
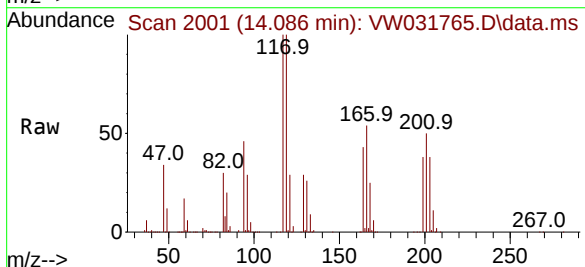
Acq: 03 Jul 2025 15:06

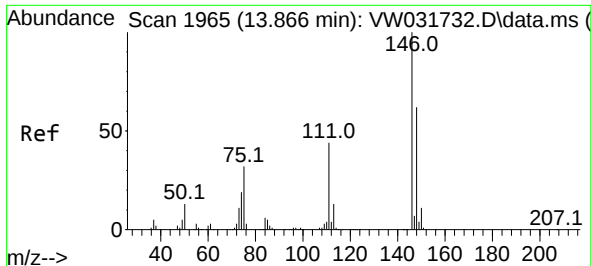
Tgt Ion: 117 Resp: 102259

Ion Ratio Lower Upper

117 100

201 62.5 31.1 93.3

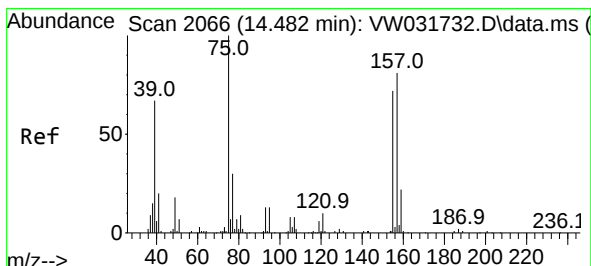
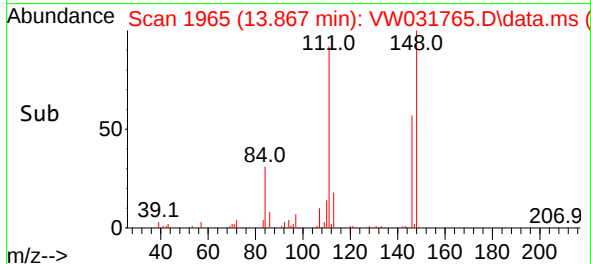
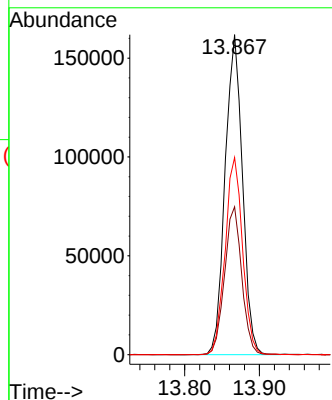
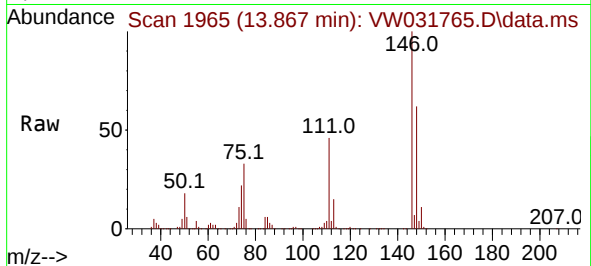




#91
1,2-Dichlorobenzene
Concen: 49.974 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

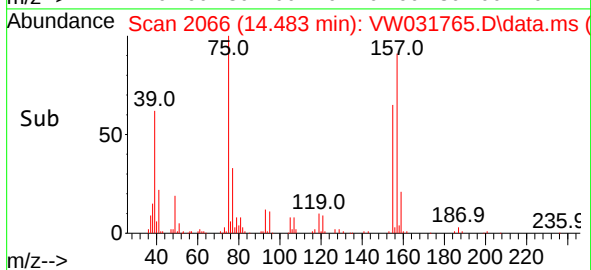
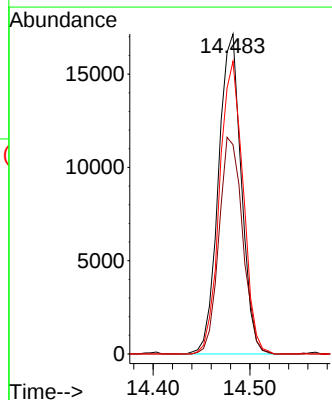
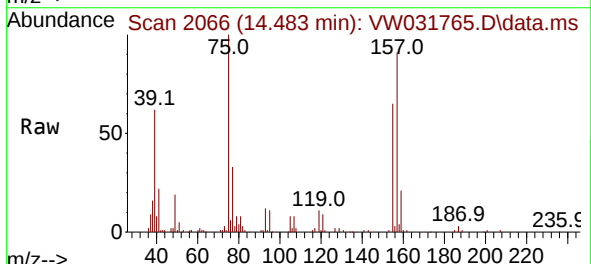
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

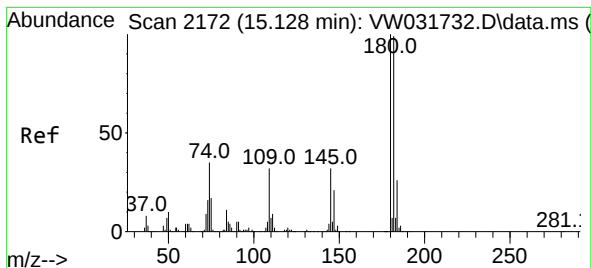
Tgt Ion:146 Resp: 260855
Ion Ratio Lower Upper
146 100
111 45.9 21.7 65.1
148 62.2 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.755 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 28092
Ion Ratio Lower Upper
75 100
155 70.1 37.2 111.6
157 93.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 51.866 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

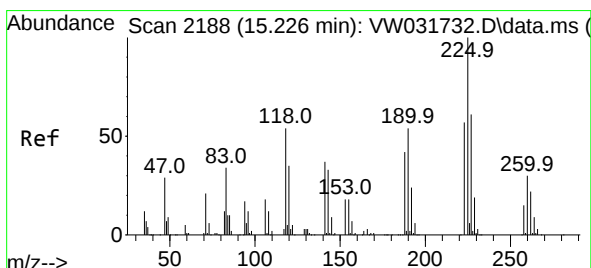
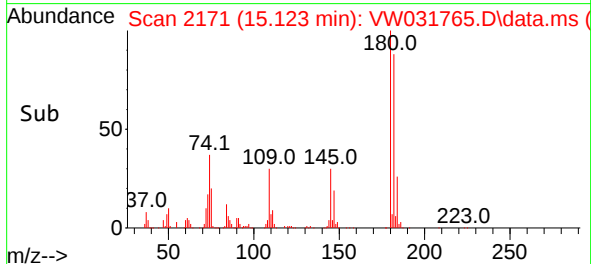
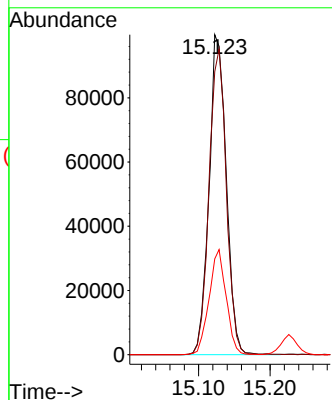
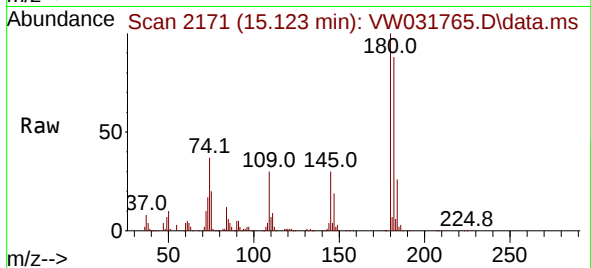
Tgt Ion:180 Resp: 166965

Ion Ratio Lower Upper

180 100

182 95.6 48.6 145.9

145 32.6 17.3 51.7



#94

Hexachlorobutadiene

Concen: 52.684 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031765.D

Acq: 03 Jul 2025 15:06

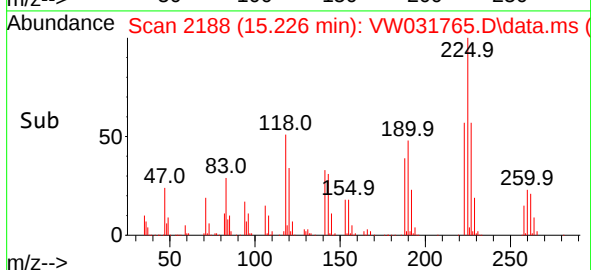
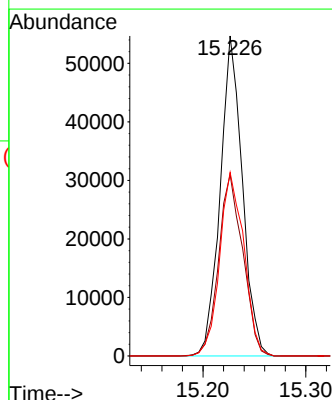
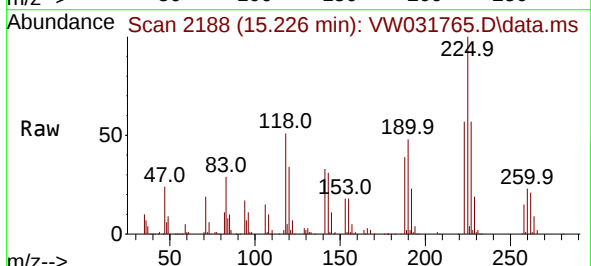
Tgt Ion:225 Resp: 81894

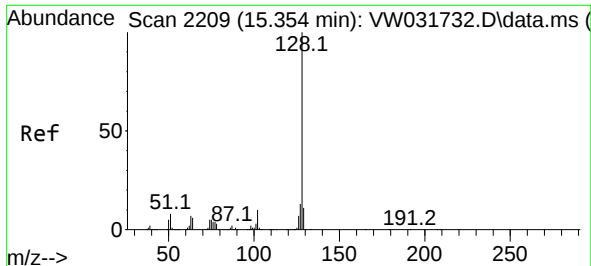
Ion Ratio Lower Upper

225 100

223 61.8 32.6 97.8

227 62.7 37.3 111.8

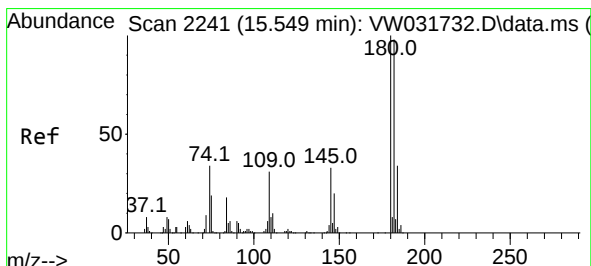
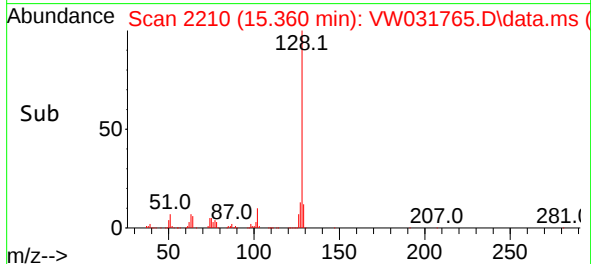
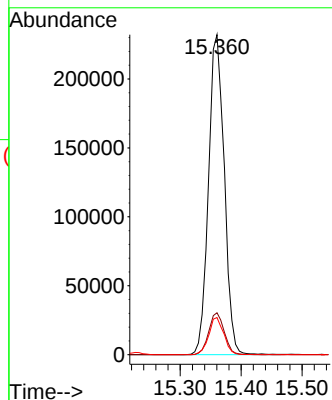
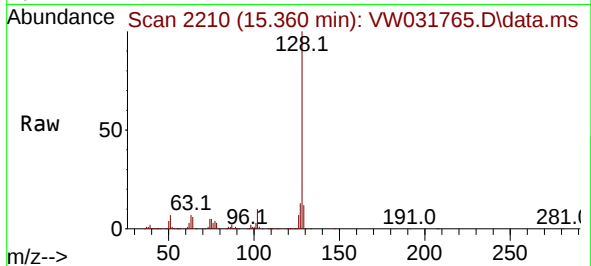




#95
Naphthalene
Concen: 52.846 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 417067
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.394 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031765.D
Acq: 03 Jul 2025 15:06

Tgt Ion:180 Resp: 149061
Ion Ratio Lower Upper
180 100
182 94.9 46.4 139.1
145 37.8 17.8 53.3

