

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031747.D
 Acq On : 02 Jul 2025 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 06:06:55 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	7.953	168	221255	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	386108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	161948	51.003	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.000%	
35) Dibromofluoromethane	7.898	113	131565	52.218	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.440%	
50) Toluene-d8	10.325	98	498098	53.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.617	95	181607	52.633	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75645	50.201	ug/l	93
3) Chloromethane	2.253	50	90165	49.633	ug/l	99
4) Vinyl Chloride	2.405	62	127003	53.190	ug/l	96
5) Bromomethane	2.820	94	93548	50.159	ug/l	100
6) Chloroethane	2.972	64	82420	50.816	ug/l	97
7) Trichlorofluoromethane	3.302	101	109014	50.272	ug/l	98
8) Diethyl Ether	3.716	74	84527	51.298	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	121953	50.668	ug/l	99
10) Methyl Iodide	4.301	142	189425	51.050	ug/l	98
11) Tert butyl alcohol	5.210	59	46519	236.477	ug/l	98
12) 1,1-Dichloroethene	4.076	96	135097	51.243	ug/l	98
13) Acrolein	3.930	56	82783	234.138	ug/l	98
14) Allyl chloride	4.698	41	214134	52.937	ug/l	100
15) Acrylonitrile	5.399	53	210192	259.400	ug/l	100
16) Acetone	4.155	43	192495	245.271	ug/l	99
17) Carbon Disulfide	4.417	76	367755	52.128	ug/l	98
18) Methyl Acetate	4.704	43	125462	55.934	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	244529	54.646	ug/l	97
20) Methylene Chloride	4.948	84	162307	52.120	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	146764	52.391	ug/l	94
22) Diisopropyl ether	6.338	45	433770	54.984	ug/l	98
23) Vinyl Acetate	6.277	43	1461175	271.163	ug/l	99
24) 1,1-Dichloroethane	6.240	63	274214	53.613	ug/l	99
25) 2-Butanone	7.191	43	268663	263.128	ug/l	99
26) 2,2-Dichloropropane	7.185	77	157960	52.933	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	173305	53.820	ug/l	98
28) Bromochloromethane	7.526	49	112088	49.661	ug/l	99
29) Tetrahydrofuran	7.551	42	183832	262.905	ug/l	100
30) Chloroform	7.691	83	289936	53.348	ug/l	100
31) Cyclohexane	7.972	56	223325	49.396	ug/l	97
32) 1,1,1-Trichloroethane	7.880	97	222537	53.133	ug/l	100
36) 1,1-Dichloropropene	8.093	75	200543	55.006	ug/l	100
37) Ethyl Acetate	7.270	43	128596	55.914	ug/l	97
38) Carbon Tetrachloride	8.081	117	200304	53.914	ug/l	98
39) Methylcyclohexane	9.343	83	247207	54.498	ug/l	97
40) Benzene	8.337	78	598925	55.524	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	65024	52.777	ug/l	92
42) 1,2-Dichloroethane	8.410	62	200028	54.882	ug/l	99
43) Isopropyl Acetate	8.435	43	221370	55.838	ug/l	99
44) Trichloroethene	9.099	130	144028	53.497	ug/l	99
45) 1,2-Dichloropropane	9.374	63	141145	54.141	ug/l	100
46) Dibromomethane	9.465	93	94371	56.070	ug/l	100
47) Bromodichloromethane	9.648	83	219587	55.637	ug/l	97
48) Methyl methacrylate	9.441	41	107735	55.266	ug/l	100
49) 1,4-Dioxane	9.465	88	22156	1123.957	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	631318	276.986	ug/l	100
52) Toluene	10.392	92	380107	55.038	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	213398	57.627	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	234384	55.833	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	119620	54.257	ug/l	97
56) Ethyl methacrylate	10.648	69	170911	57.140	ug/l	99
57) 1,3-Dichloropropane	10.934	76	213503	55.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	462220	280.640	ug/l	97
59) 2-Hexanone	10.971	43	440396	285.137	ug/l	99
60) Dibromochloromethane	11.130	129	148697	56.401	ug/l	99
61) 1,2-Dibromoethane	11.233	107	117663	53.311	ug/l	96
64) Tetrachloroethene	10.861	164	119126	51.767	ug/l	93
65) Chlorobenzene	11.654	112	426288	54.920	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	133044	53.788	ug/l	99
67) Ethyl Benzene	11.727	91	736459	54.717	ug/l	96
68) m/p-Xylenes	11.837	106	564619	109.125	ug/l	97
69) o-Xylene	12.166	106	260593	54.397	ug/l	98
70) Styrene	12.178	104	454599	54.891	ug/l	99
71) Bromoform	12.349	173	82435	55.866	ug/l	99
73) Isopropylbenzene	12.459	105	700315	53.749	ug/l	99
74) N-amyl acetate	12.270	43	188999	53.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	152760	52.810	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	198048	89.470	ug/l	40
77) Bromobenzene	12.745	156	161663	55.631	ug/l	84
78) n-propylbenzene	12.800	91	826129	52.949	ug/l	100
79) 2-Chlorotoluene	12.891	91	505721	53.827	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	590780	54.777	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	50594	53.236	ug/l	95
82) 4-Chlorotoluene	12.983	91	517113	52.424	ug/l	100
83) tert-Butylbenzene	13.202	119	480355	51.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	577542	52.852	ug/l	99
85) sec-Butylbenzene	13.379	105	725374	52.311	ug/l	99
86) p-Isopropyltoluene	13.495	119	606534	53.074	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	301015	51.651	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	300092	50.308	ug/l	97
89) n-Butylbenzene	13.818	91	585834	52.761	ug/l	99
90) Hexachloroethane	14.086	117	108854	52.798	ug/l	99
91) 1,2-Dichlorobenzene	13.861	146	266013	49.940	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	29427	52.101	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	166845	50.790	ug/l	99
94) Hexachlorobutadiene	15.226	225	85230	53.730	ug/l	86
95) Naphthalene	15.360	128	421417	52.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	159032	52.687	ug/l	98

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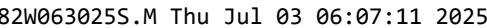
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

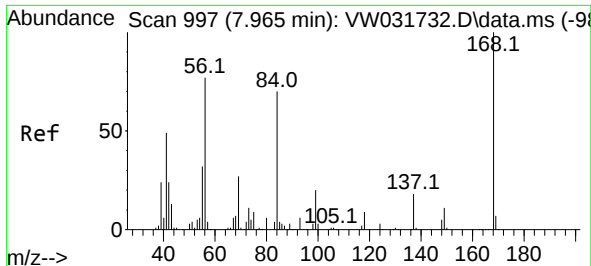
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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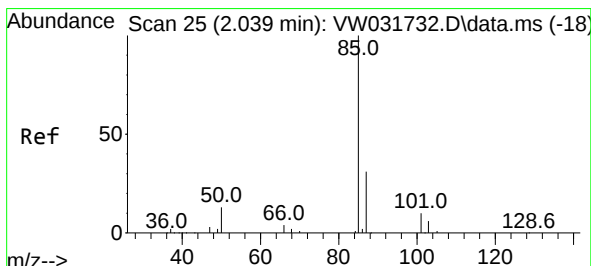
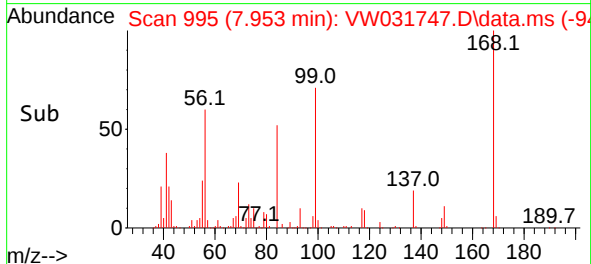
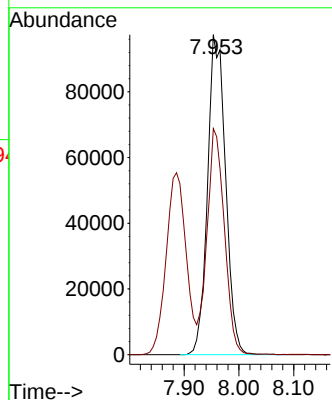
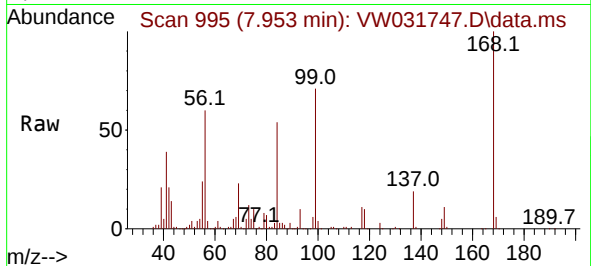




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031747.D
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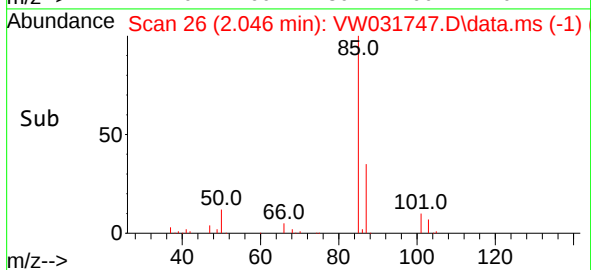
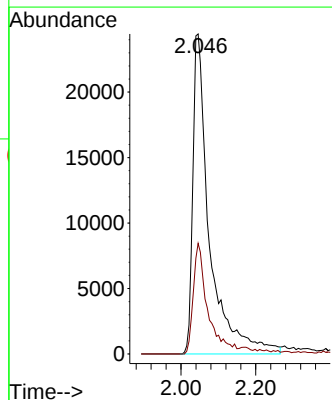
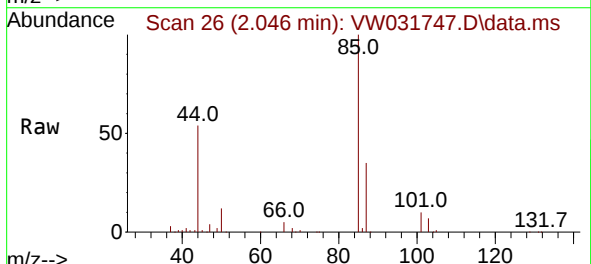
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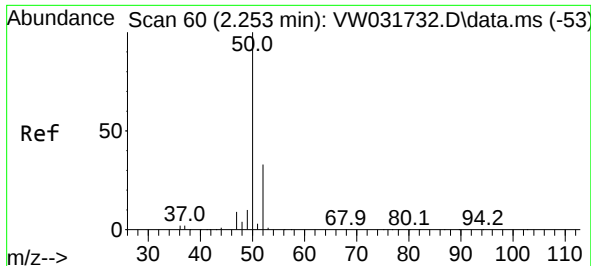
Tgt Ion:168 Resp: 221255
Ion Ratio Lower Upper
168 100
99 70.6 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 50.201 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 85 Resp: 75645
Ion Ratio Lower Upper
85 100
87 34.5 15.4 46.2

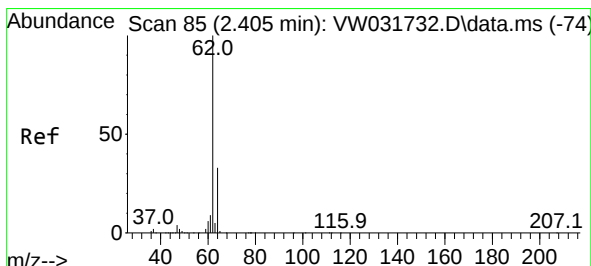
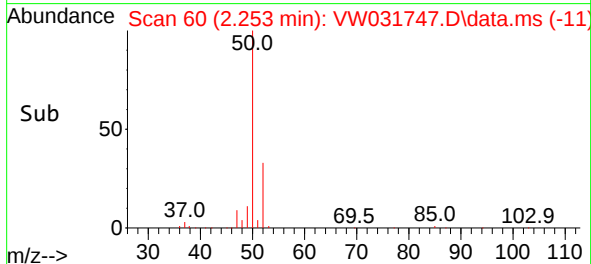
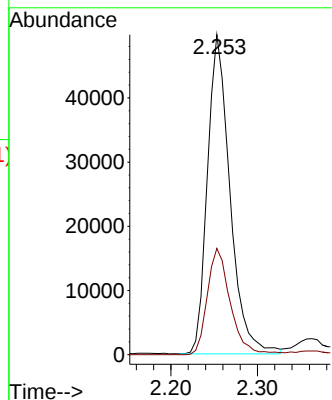
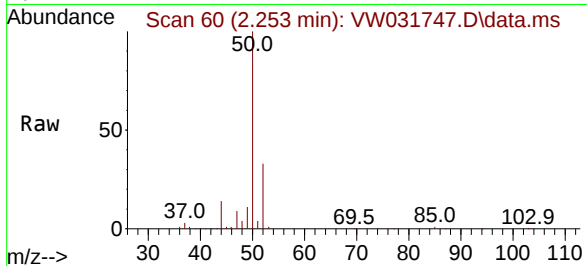




#3
Chloromethane
Concen: 49.633 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

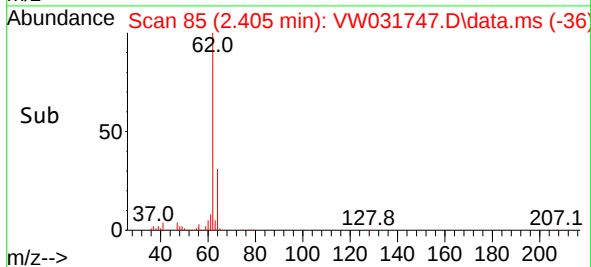
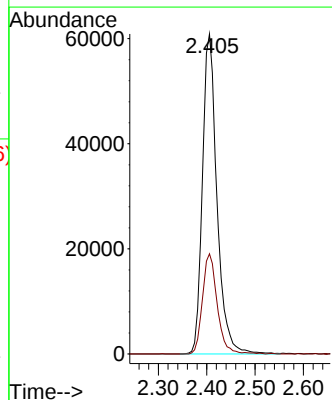
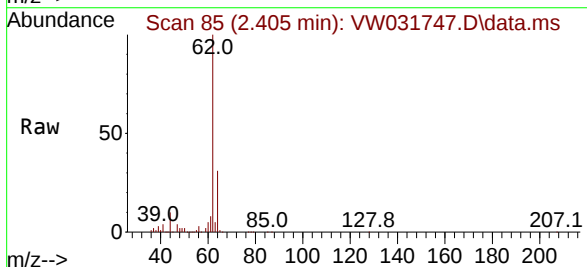
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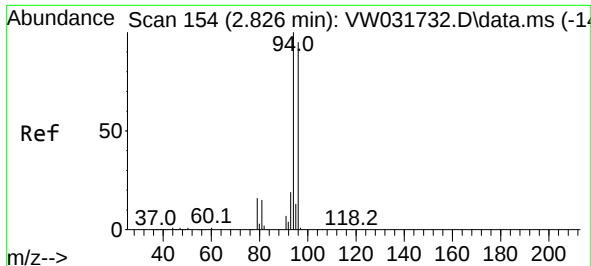
Tgt Ion: 50 Resp: 90165
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 53.190 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 62 Resp: 127003
Ion Ratio Lower Upper
62 100
64 31.3 26.8 40.2

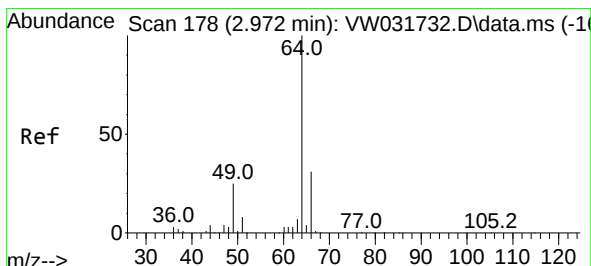
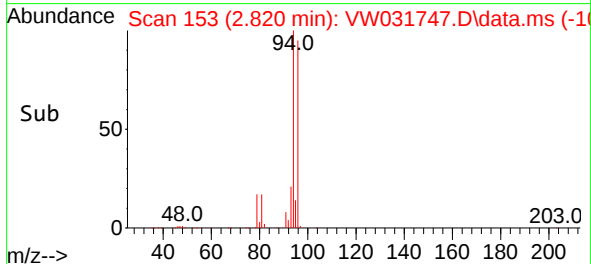
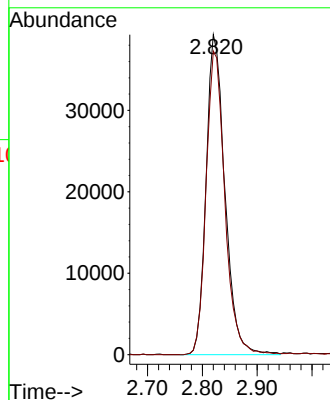
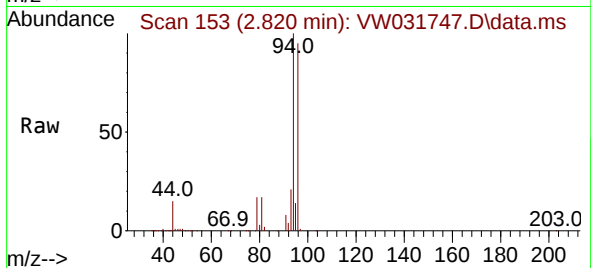




#5
Bromomethane
Concen: 50.159 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

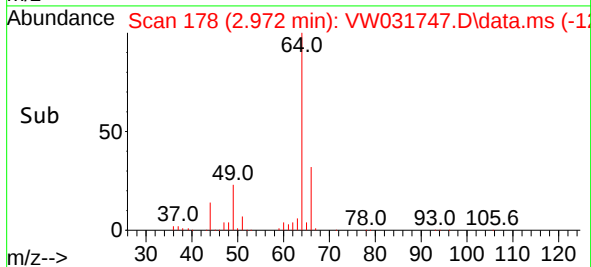
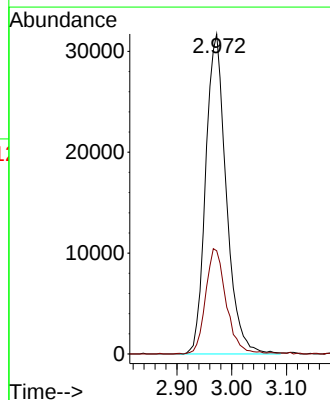
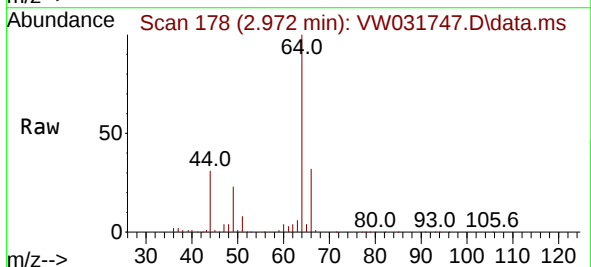
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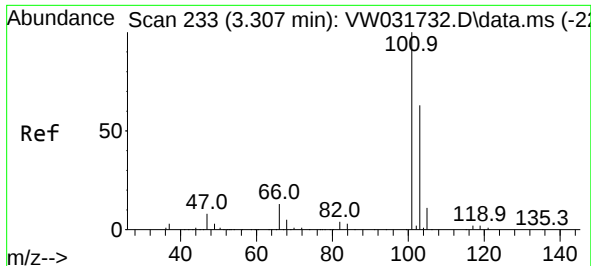
Tgt Ion: 94 Resp: 93548
Ion Ratio Lower Upper
94 100
96 94.9 75.6 113.4



#6
Chloroethane
Concen: 50.816 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 64 Resp: 82420
Ion Ratio Lower Upper
64 100
66 32.0 24.5 36.7

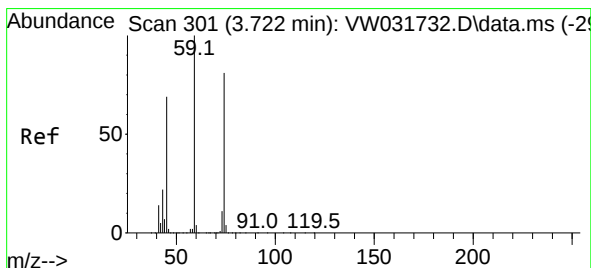
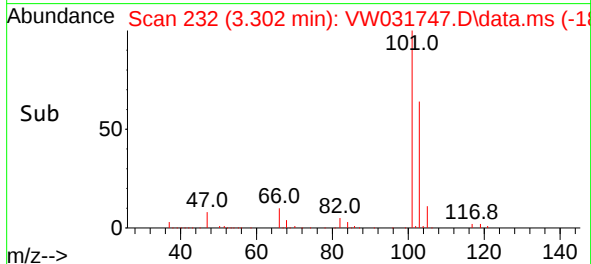
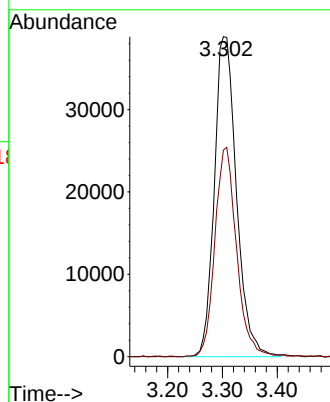
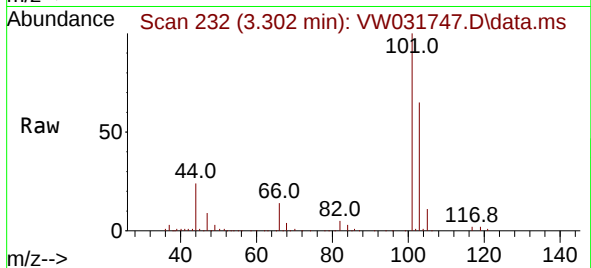




#7
Trichlorofluoromethane
Concen: 50.272 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

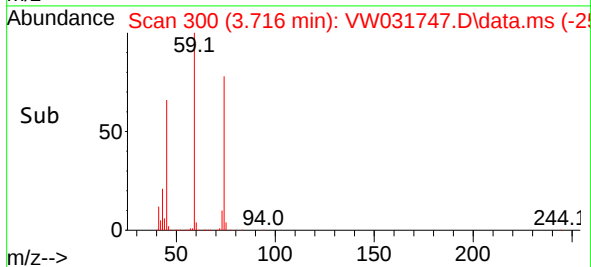
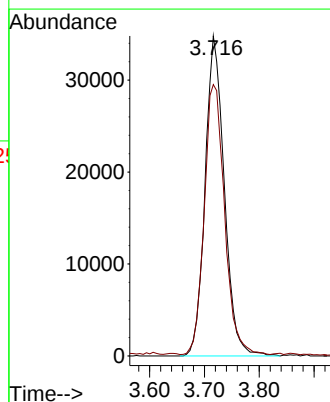
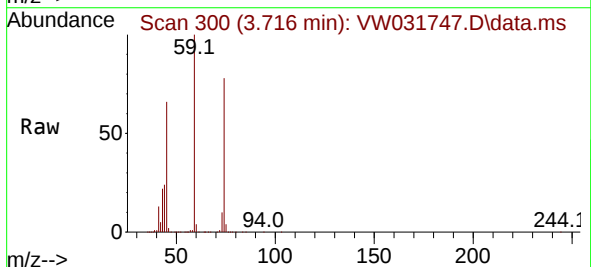
Instrument :
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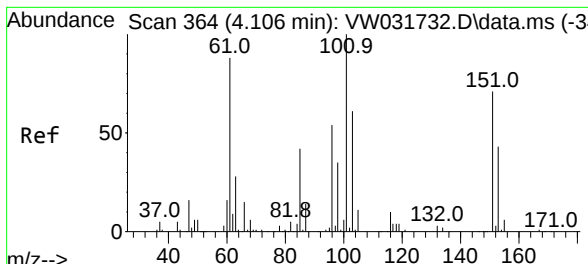
Tgt Ion:101 Resp: 109014
Ion Ratio Lower Upper
101 100
103 64.6 50.2 75.4



#8
Diethyl Ether
Concen: 51.298 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 74 Resp: 84527
Ion Ratio Lower Upper
74 100
45 89.4 43.9 131.7



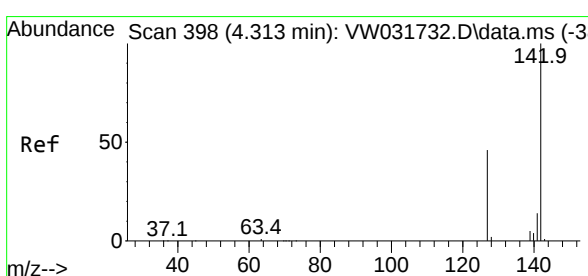
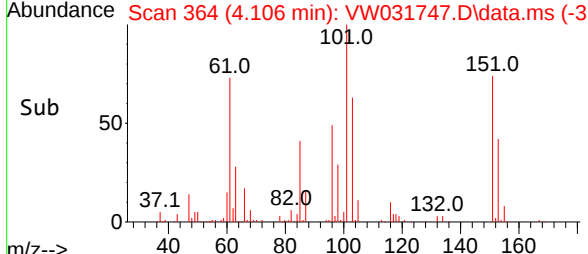
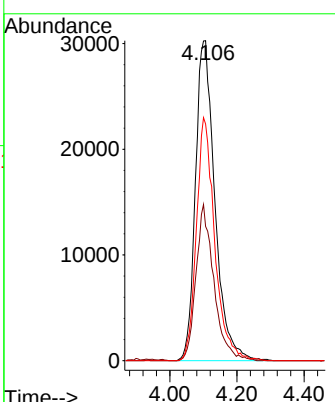
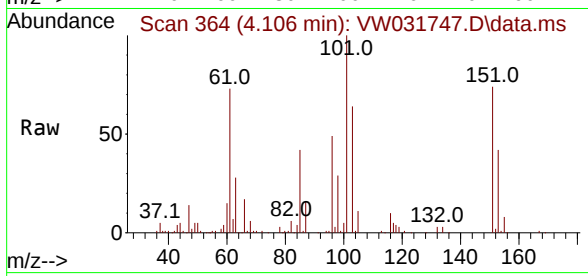


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.668 ug/l
 RT: 4.106 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 121953

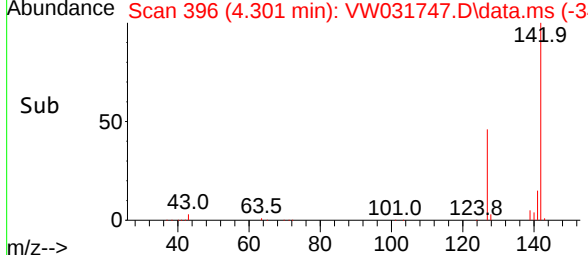
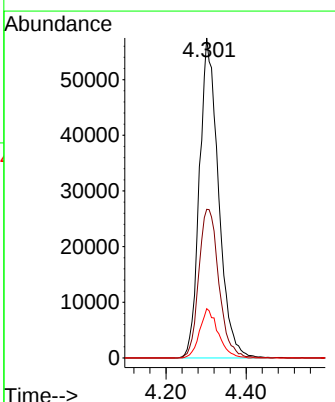
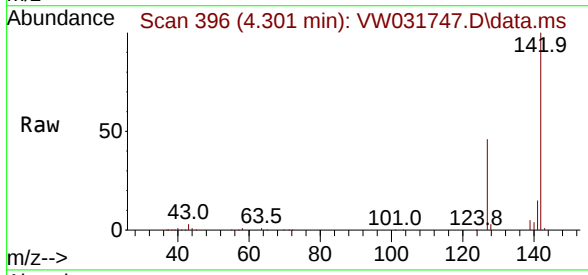
Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.6	53.4
151	71.8	56.8	85.2

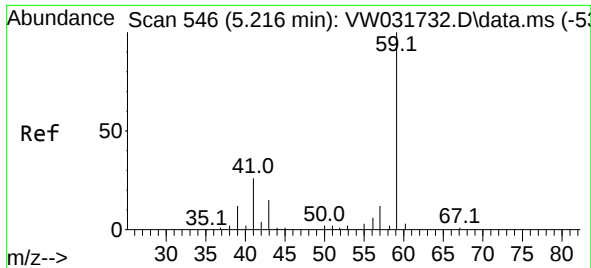


#10
 Methyl Iodide
 Concen: 51.050 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

Tgt Ion:142 Resp: 189425

Ion	Ratio	Lower	Upper
142	100		
127	49.0	37.9	56.9
141	14.9	11.7	17.5

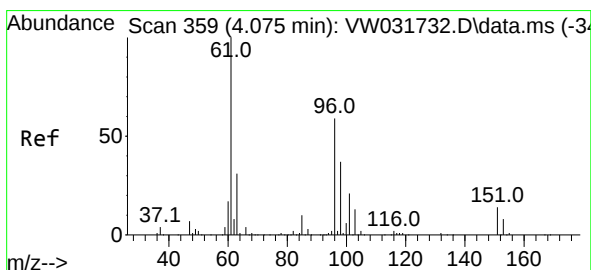
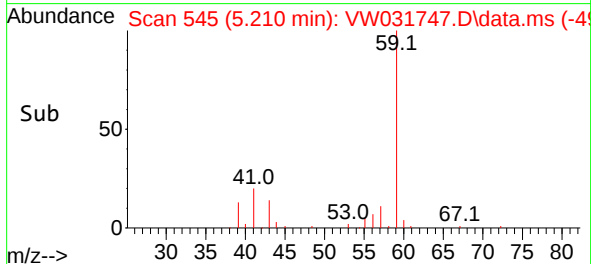
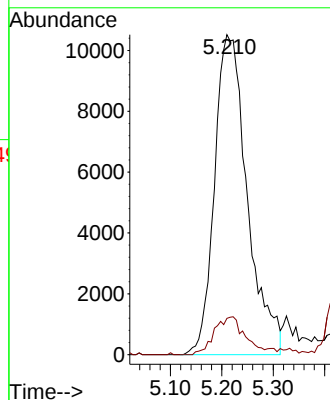
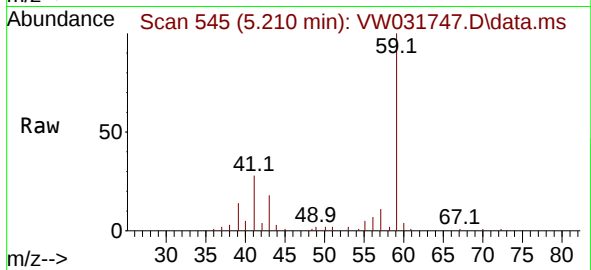




#11
Tert butyl alcohol
Concen: 236.477 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

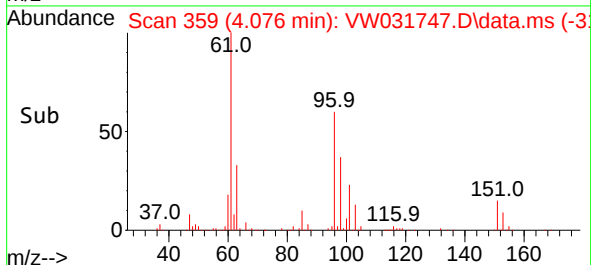
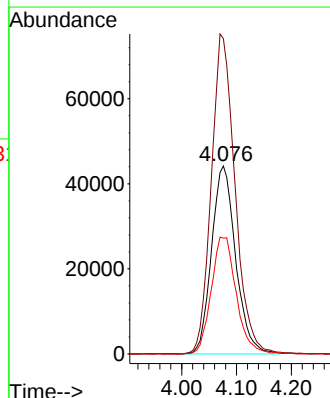
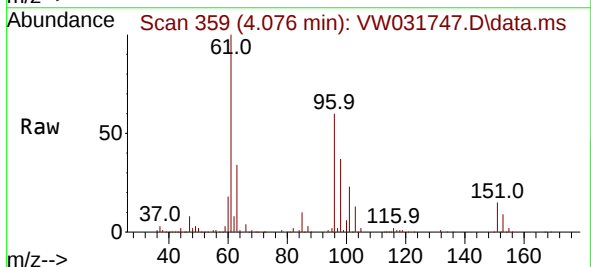
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

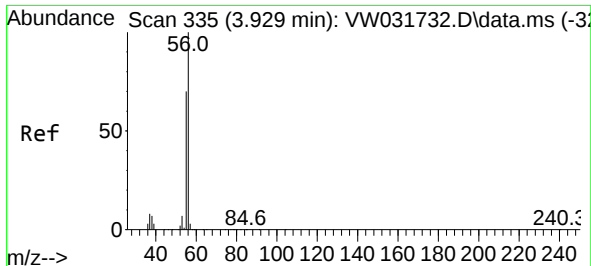
Tgt Ion: 59 Resp: 46519
Ion Ratio Lower Upper
59 100
57 11.0 9.5 14.3



#12
1,1-Dichloroethene
Concen: 51.243 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 96 Resp: 135097
Ion Ratio Lower Upper
96 100
61 167.6 135.8 203.8
98 61.7 50.4 75.6

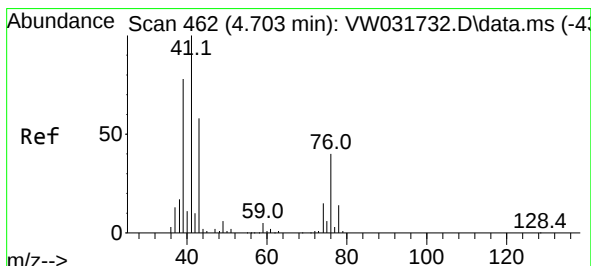
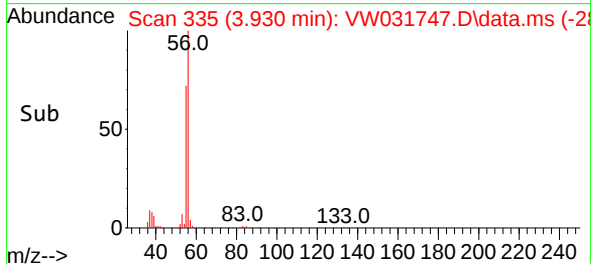
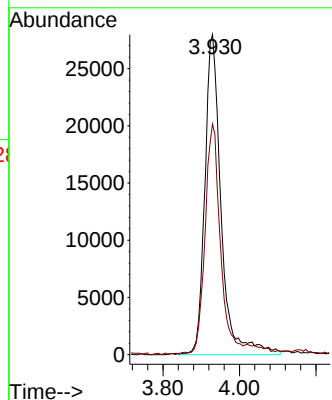
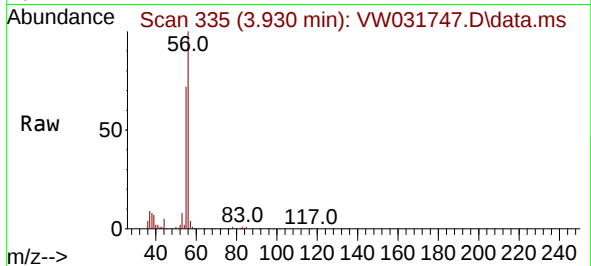




#13
Acrolein
Concen: 234.138 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

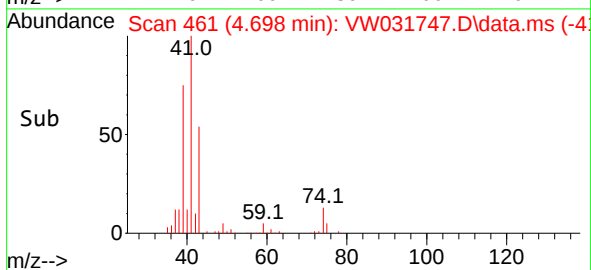
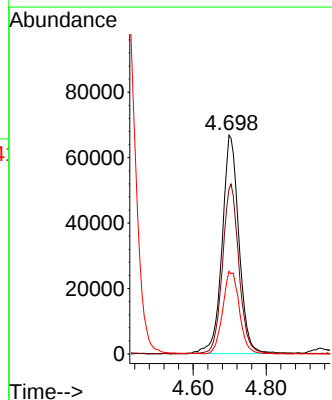
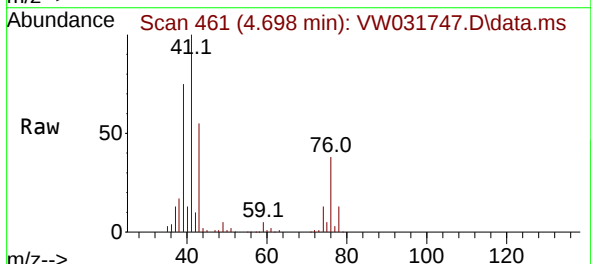
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 82783
Ion Ratio Lower Upper
56 100
55 65.7 54.0 81.0



#14
Allyl chloride
Concen: 52.937 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 41 Resp: 214134
Ion Ratio Lower Upper
41 100
39 76.3 60.7 91.1
76 37.5 30.3 45.5

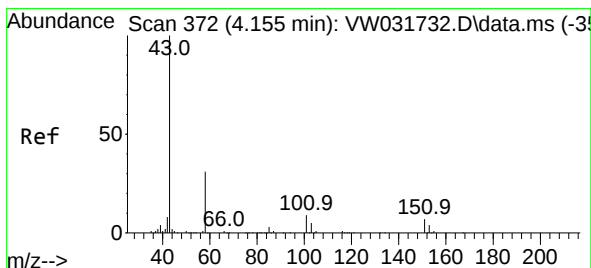
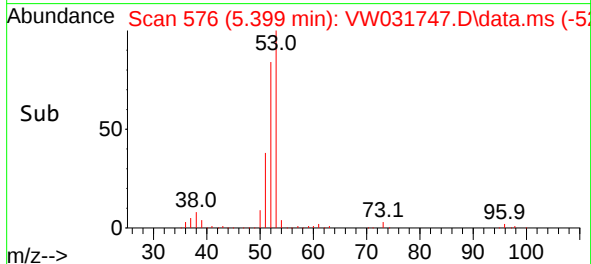
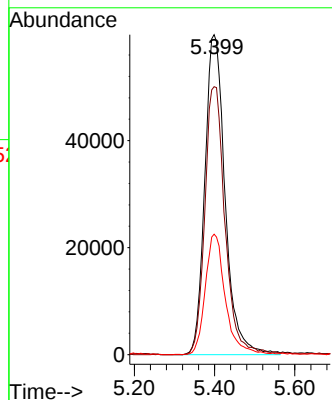
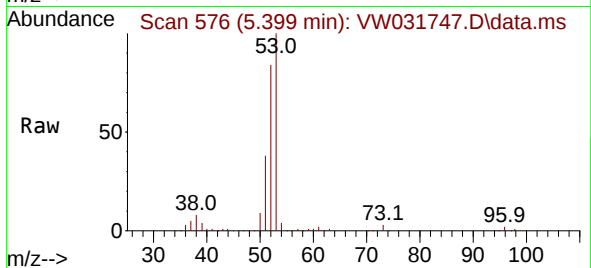




#15
Acrylonitrile
Concen: 259.400 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

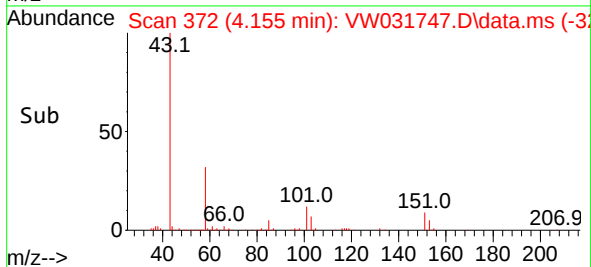
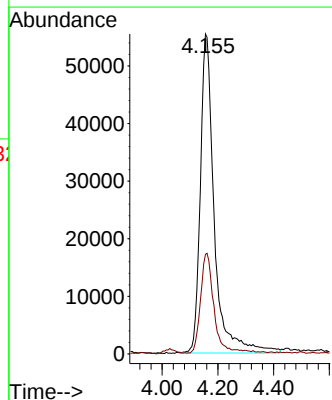
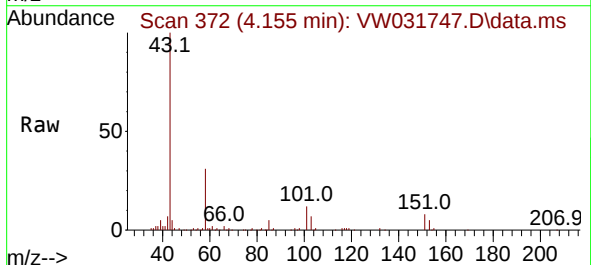
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

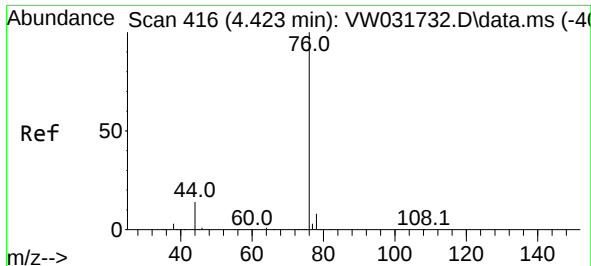
Tgt Ion: 53 Resp: 210192
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 37.2 29.9 44.9



#16
Acetone
Concen: 245.271 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 43 Resp: 192495
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

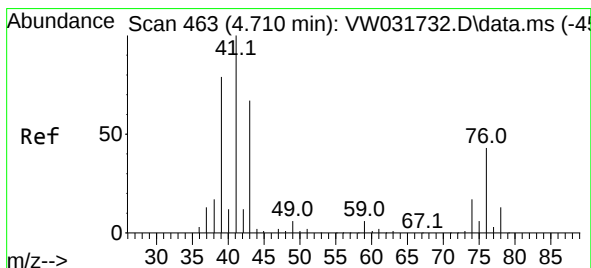
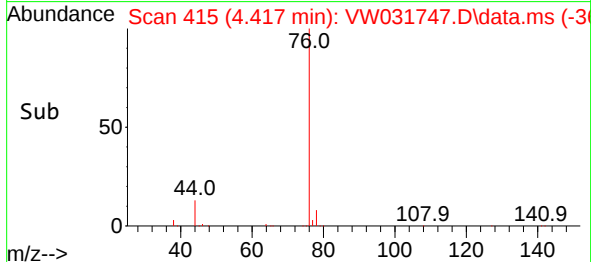
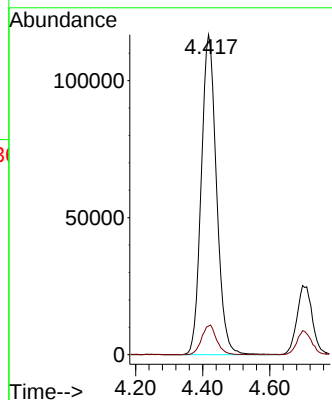
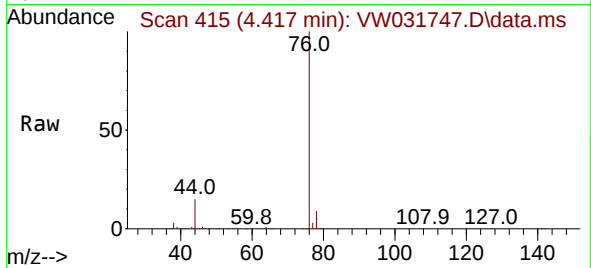




#17
Carbon Disulfide
Concen: 52.128 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

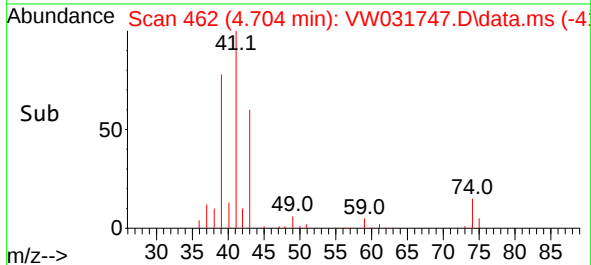
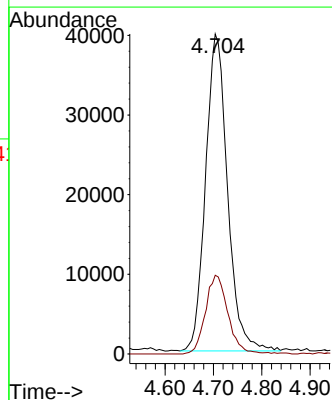
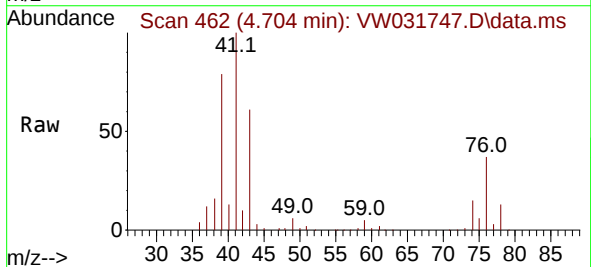
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 367755
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 55.934 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 43 Resp: 125462
Ion Ratio Lower Upper
43 100
74 25.3 20.6 30.8

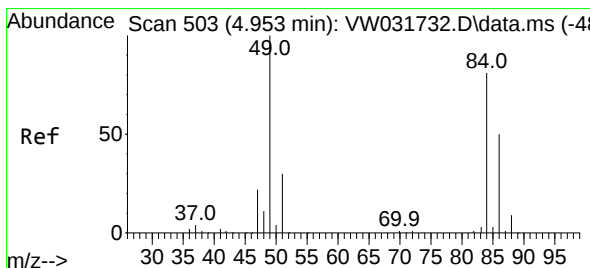
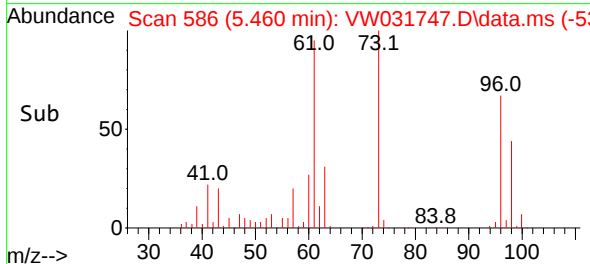
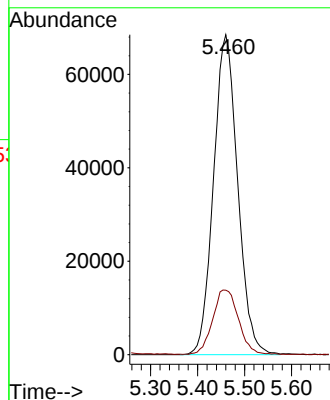
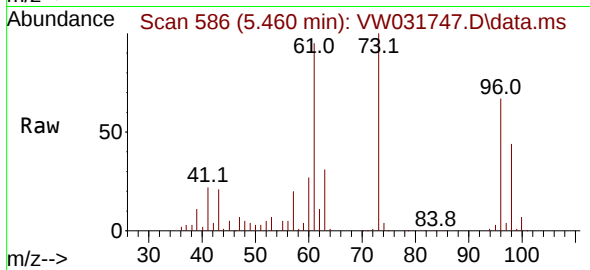




#19
Methyl tert-butyl Ether
Concen: 54.646 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

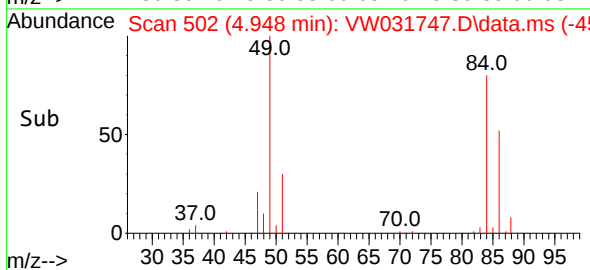
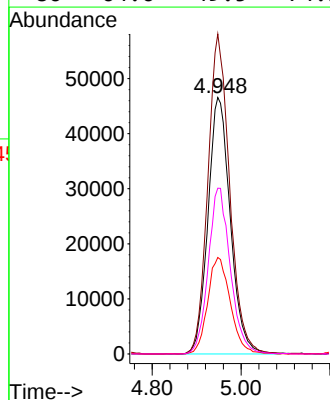
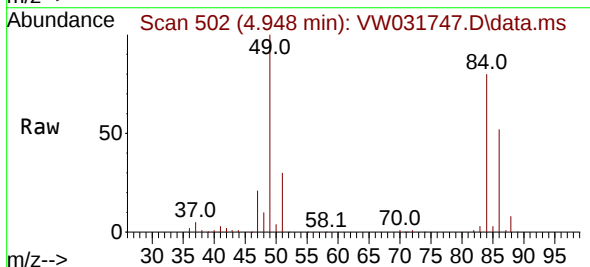
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

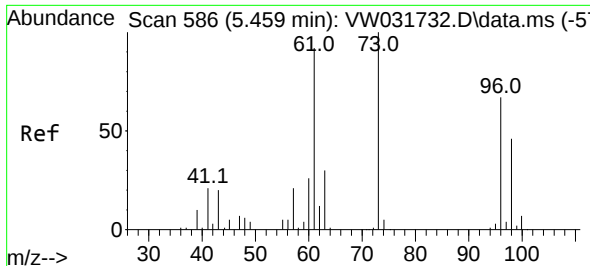
Tgt Ion: 73 Resp: 244529
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8



#20
Methylene Chloride
Concen: 52.120 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 84 Resp: 162307
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.4
51 37.6 29.8 44.8
86 64.6 49.5 74.3

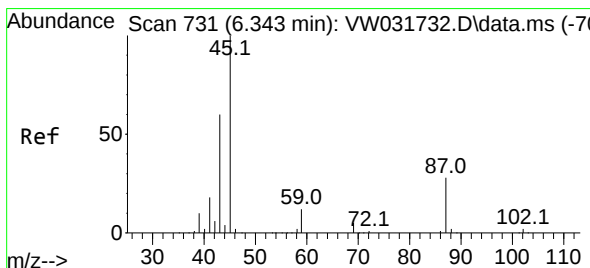
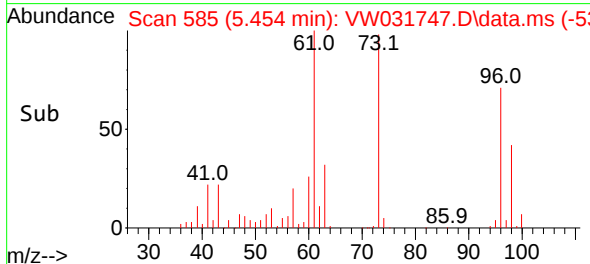
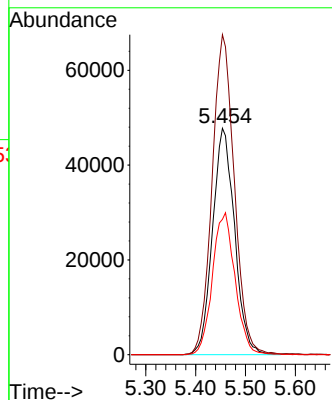
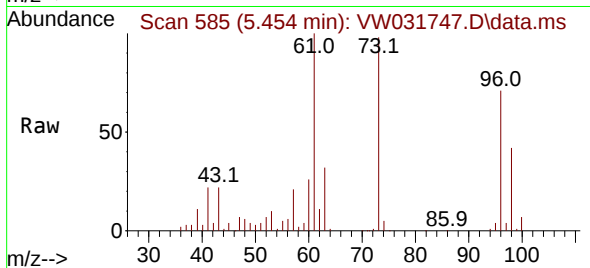




#21
trans-1,2-Dichloroethene
Concen: 52.391 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

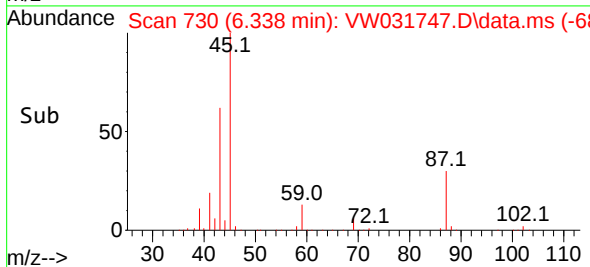
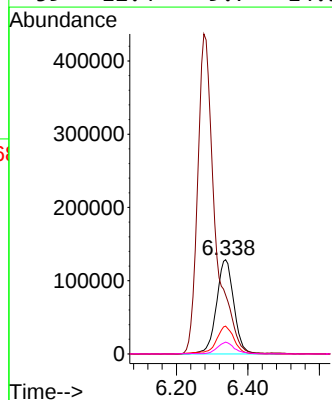
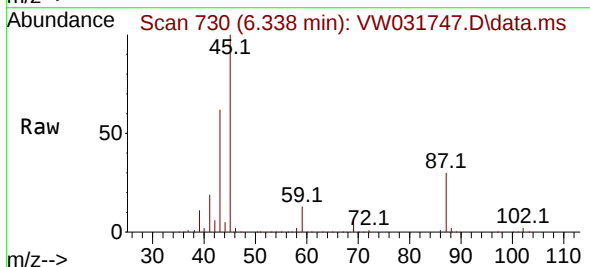
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 146764
Ion Ratio Lower Upper
96 100
61 141.4 109.8 164.6
98 59.8 54.9 82.3



#22
Diisopropyl ether
Concen: 54.984 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 45 Resp: 433770
Ion Ratio Lower Upper
45 100
43 62.3 48.3 72.5
87 29.5 22.6 34.0
59 12.4 9.7 14.5

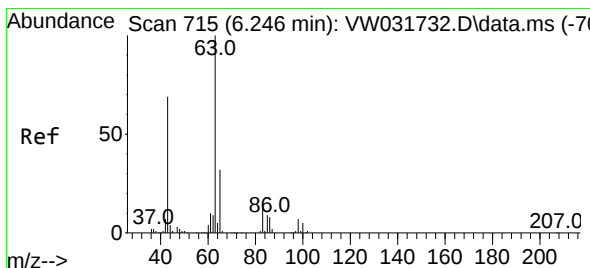
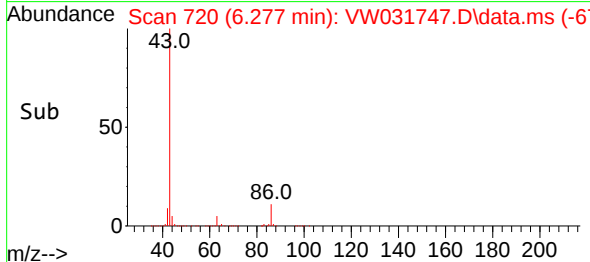
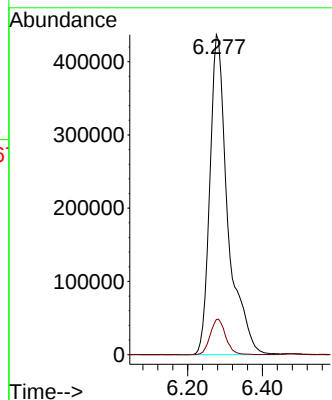
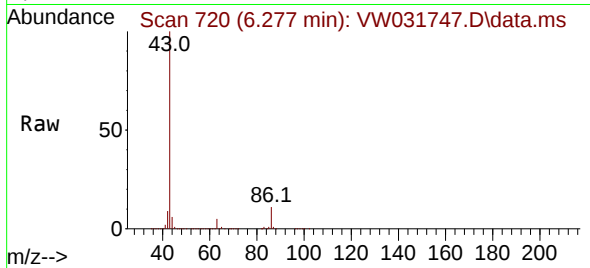




#23
 Vinyl Acetate
 Concen: 271.163 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

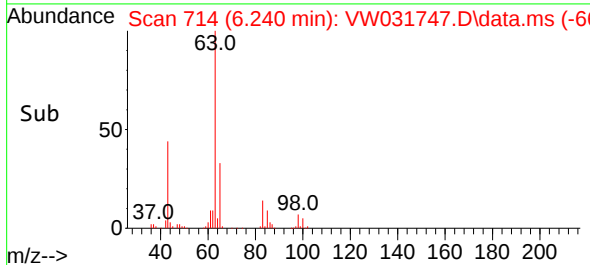
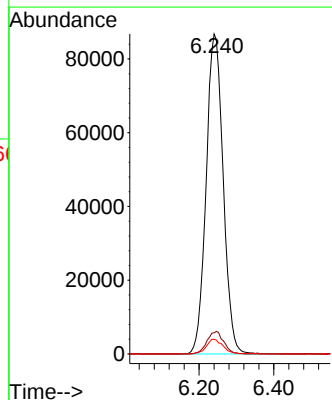
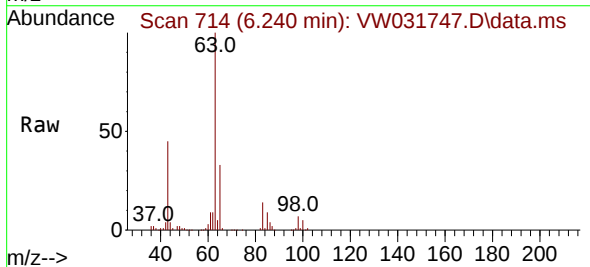
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

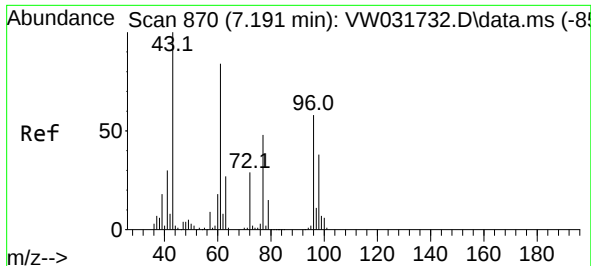
Tgt Ion: 43 Resp: 1461175
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 53.613 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

Tgt Ion: 63 Resp: 274214
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.5 2.5 7.5

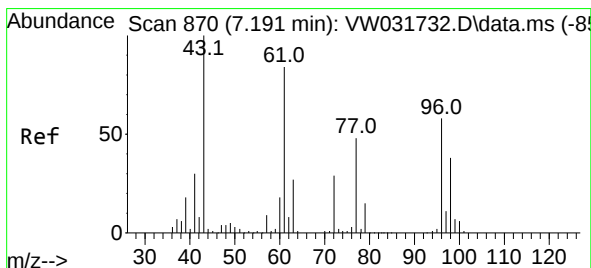
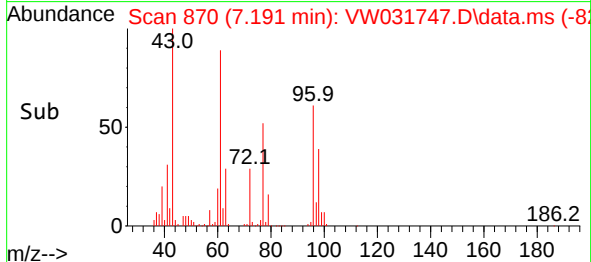
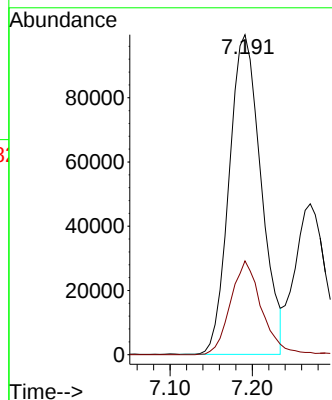
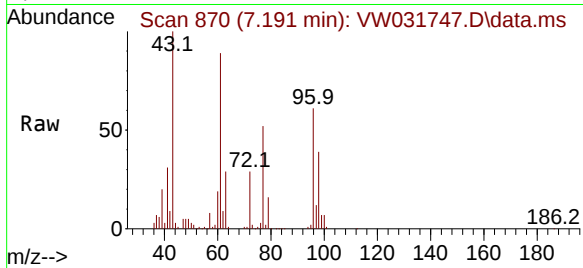




#25
2-Butanone
Concen: 263.128 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

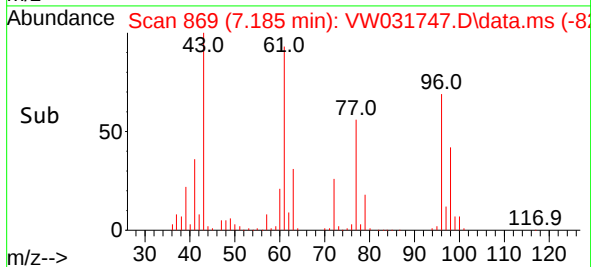
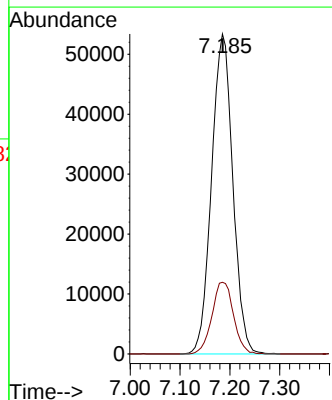
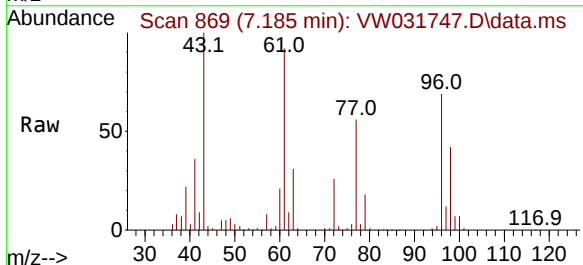
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

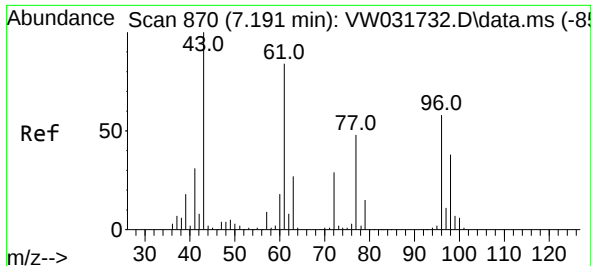
Tgt Ion: 43 Resp: 268663
Ion Ratio Lower Upper
43 100
72 29.3 23.0 34.6



#26
2,2-Dichloropropane
Concen: 52.933 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 77 Resp: 157960
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7

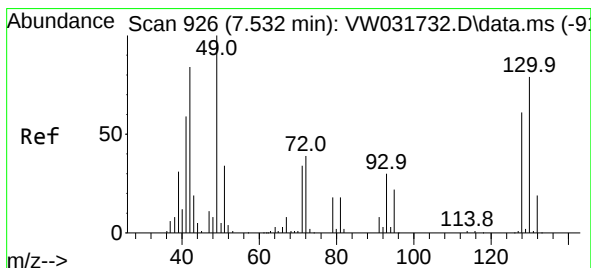
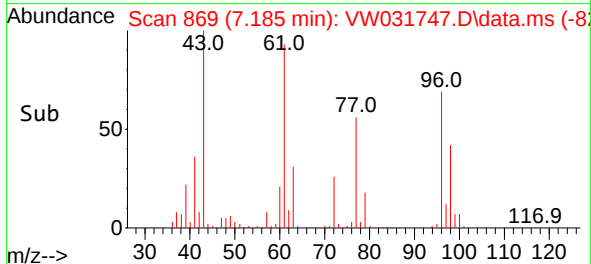
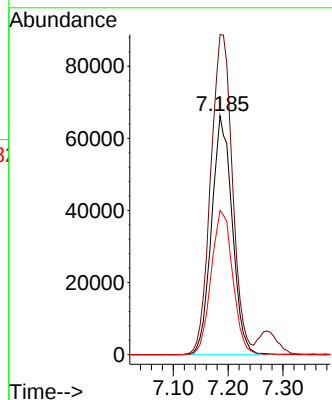
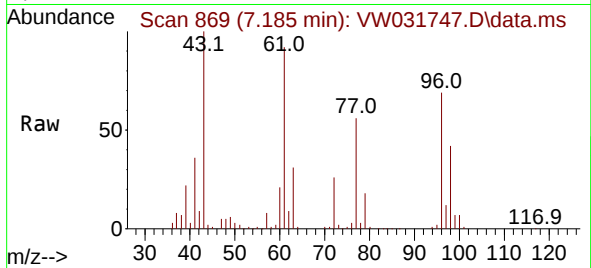




#27
 cis-1,2-Dichloroethene
 Concen: 53.820 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

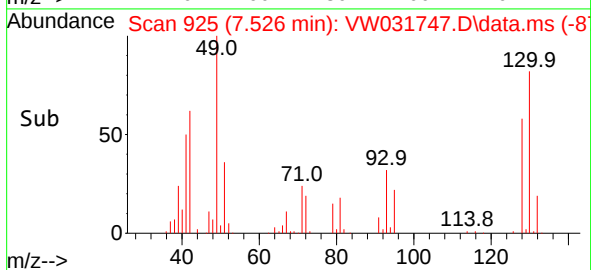
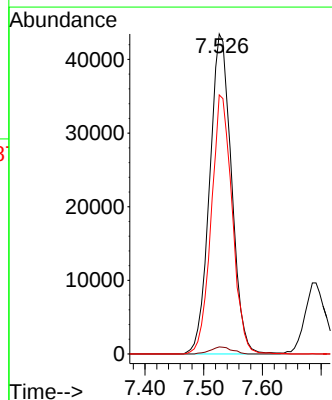
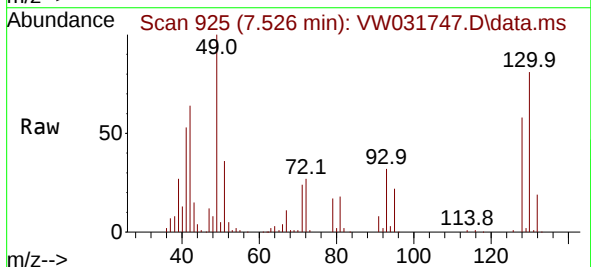
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

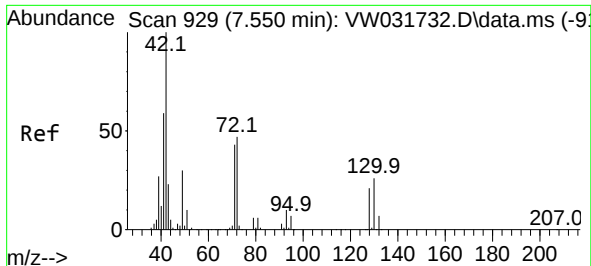
Tgt Ion: 96 Resp: 173305
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 286.8
 98 63.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.661 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

Tgt Ion: 49 Resp: 112088
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.4
 130 77.7 61.3 91.9





#29

Tetrahydrofuran

Concen: 262.905 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

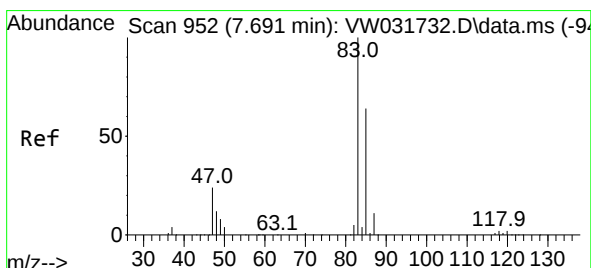
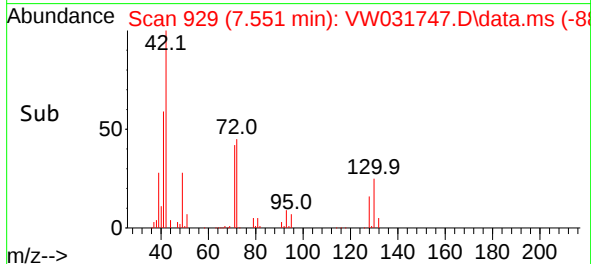
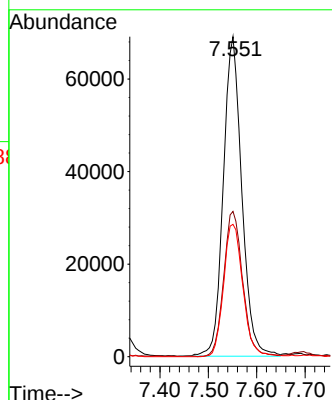
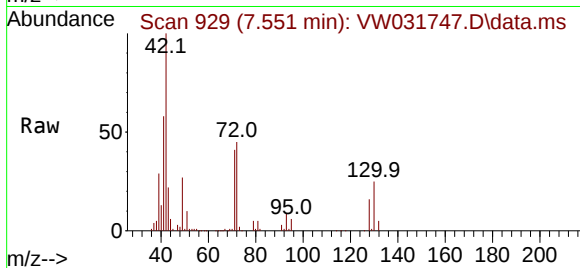
Tgt Ion: 42 Resp: 183832

Ion Ratio Lower Upper

42 100

72 46.6 36.8 55.2

71 43.3 34.6 52.0



#30

Chloroform

Concen: 53.348 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031747.D

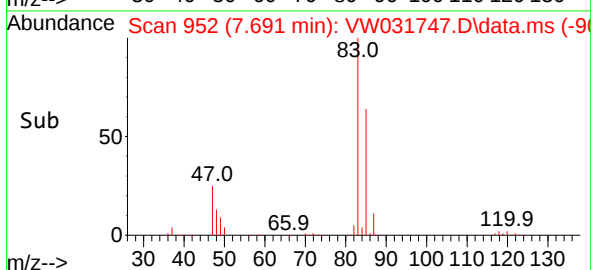
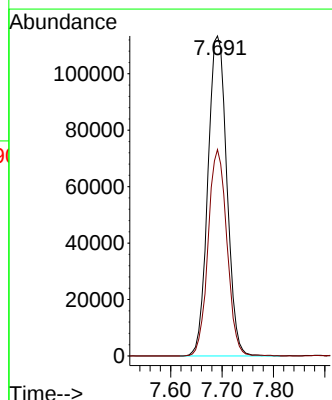
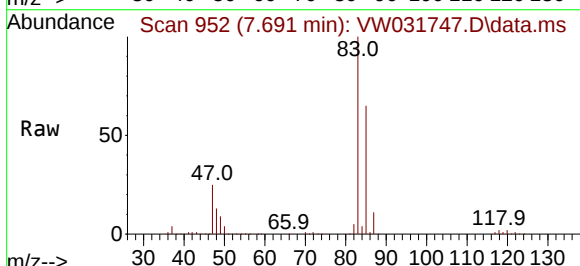
Acq: 02 Jul 2025 09:26

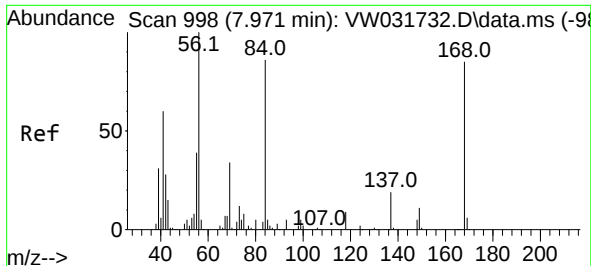
Tgt Ion: 83 Resp: 289936

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

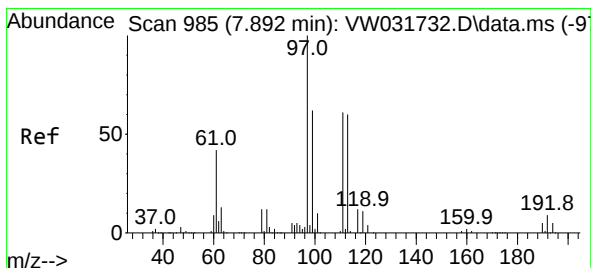
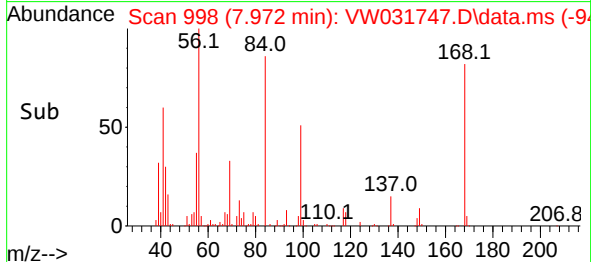
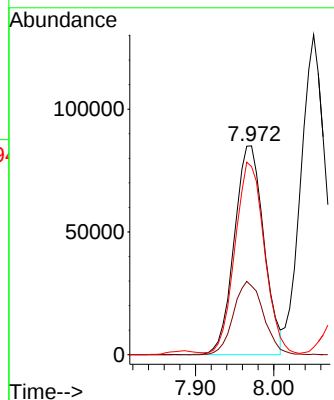
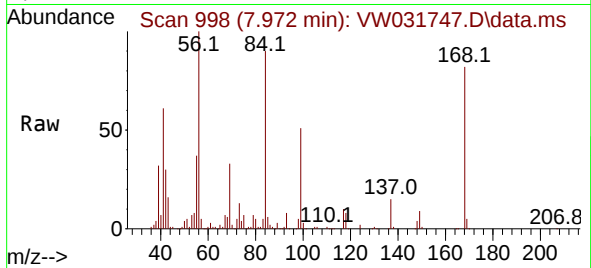




#31
Cyclohexane
Concen: 49.396 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

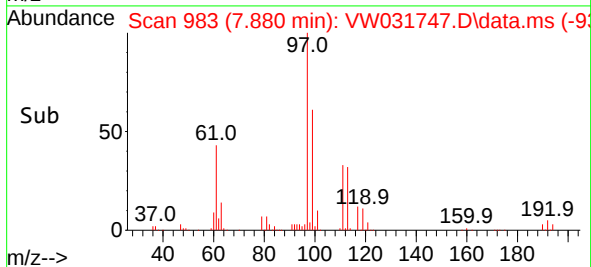
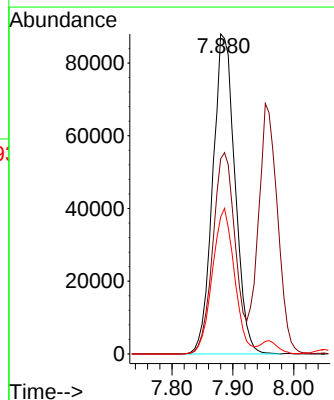
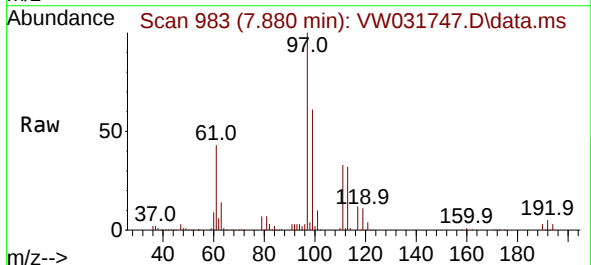
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

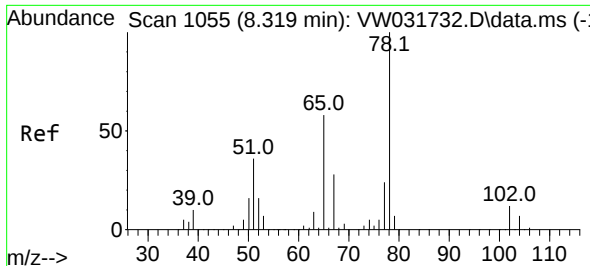
Tgt Ion: 56 Resp: 223325
Ion Ratio Lower Upper
56 100
69 32.9 27.2 40.8
84 88.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 53.133 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.012 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 97 Resp: 222537
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 45.5 36.0 54.0

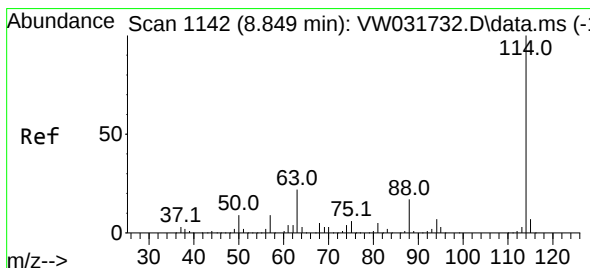
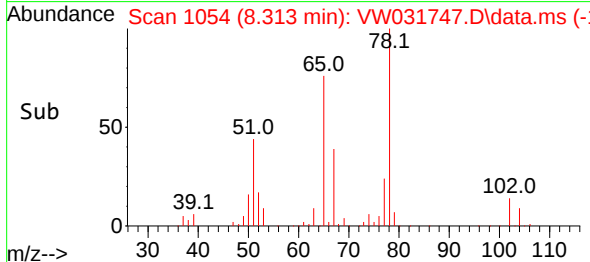
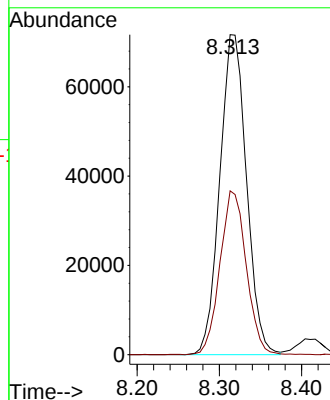
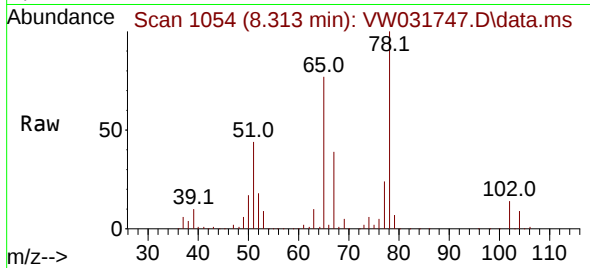




#33
 1,2-Dichloroethane-d4
 Concen: 51.003 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

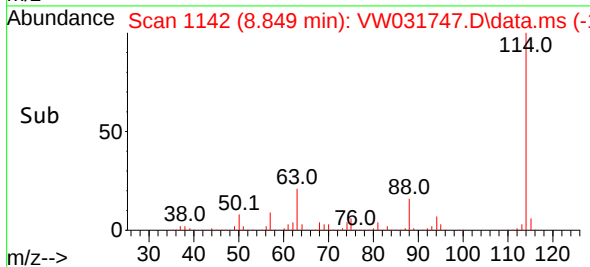
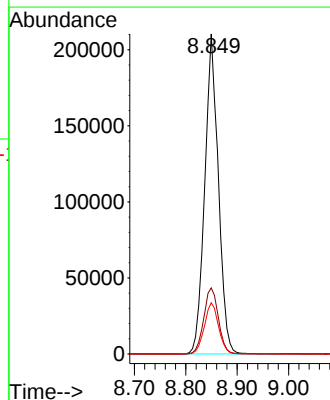
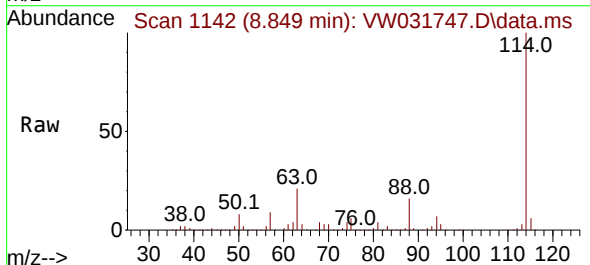
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

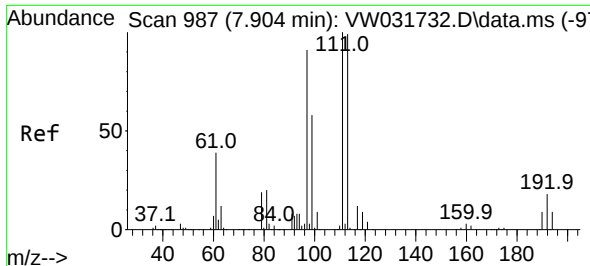
Tgt Ion: 65 Resp: 161948
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031747.D
 Acq: 02 Jul 2025 09:26

Tgt Ion: 114 Resp: 386108
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 16.0 0.0 34.2

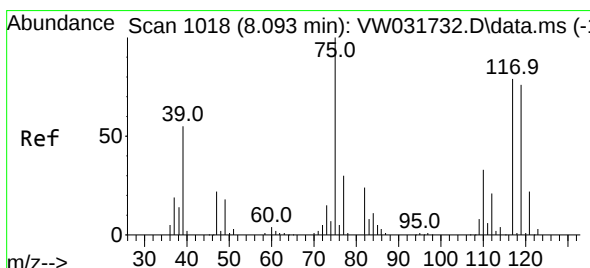
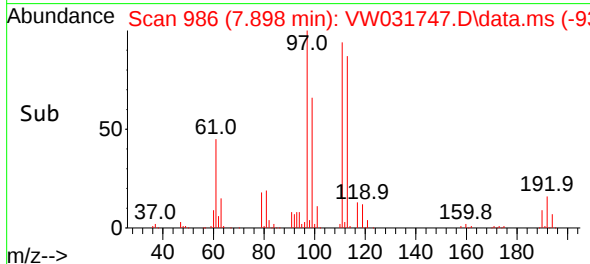
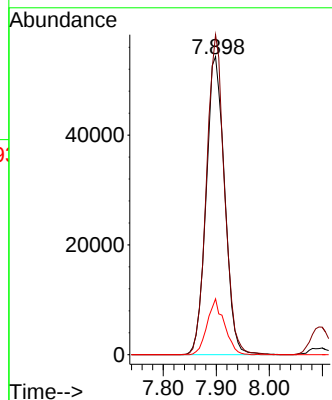
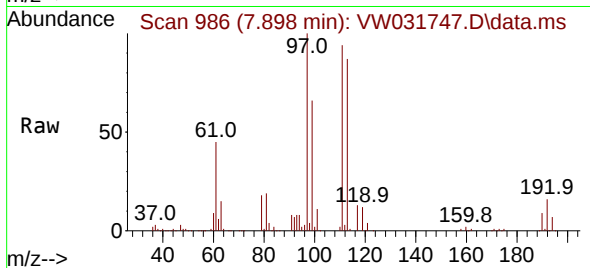




#35
Dibromofluoromethane
Concen: 52.218 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

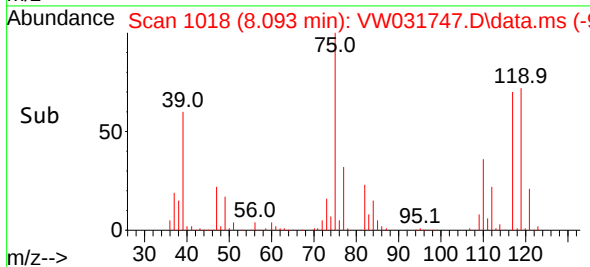
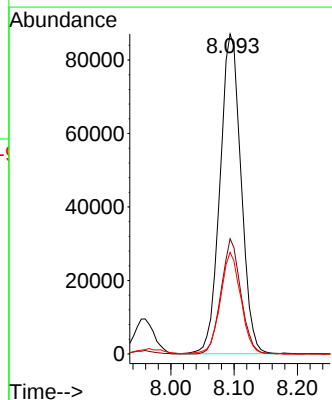
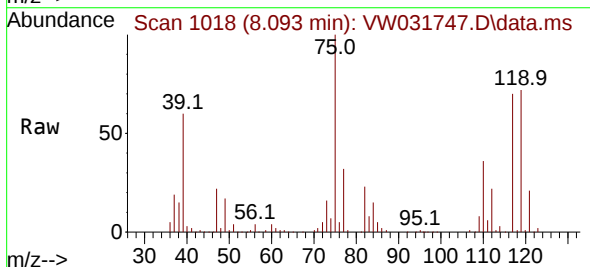
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

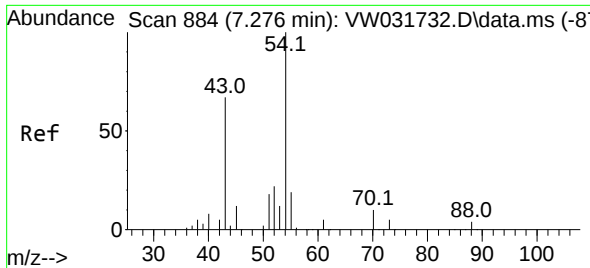
Tgt Ion:113 Resp: 131565
Ion Ratio Lower Upper
113 100
111 104.0 82.1 123.1
192 17.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 55.006 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 75 Resp: 200543
Ion Ratio Lower Upper
75 100
110 33.9 16.8 50.4
77 31.0 25.0 37.6

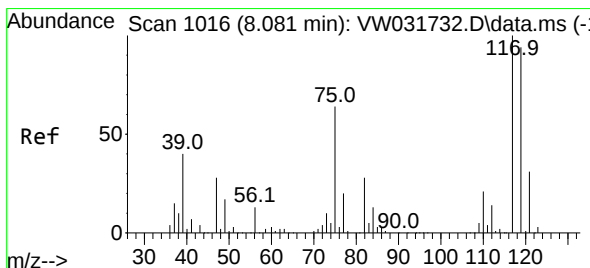
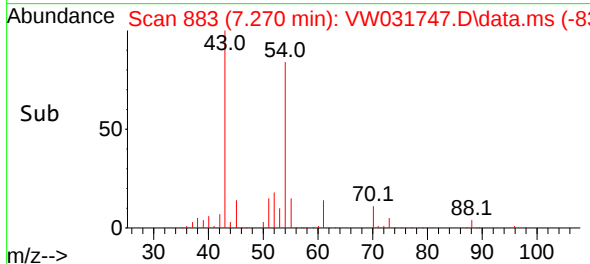
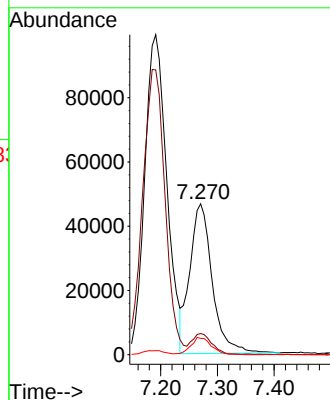
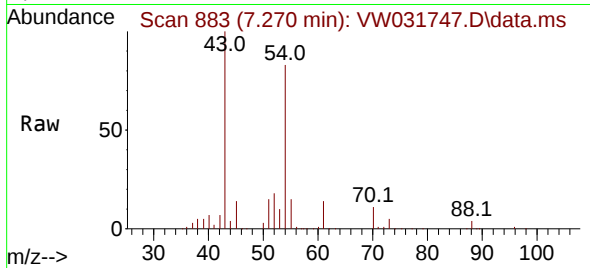




#37
Ethyl Acetate
Concen: 55.914 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

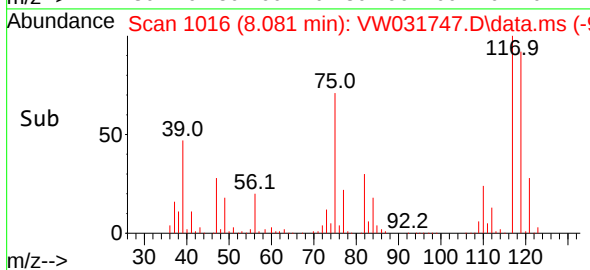
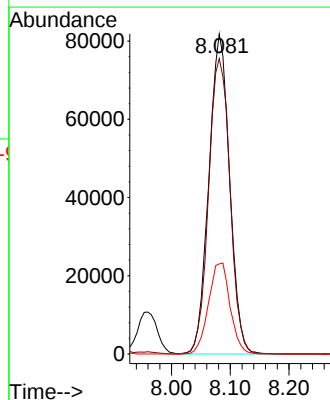
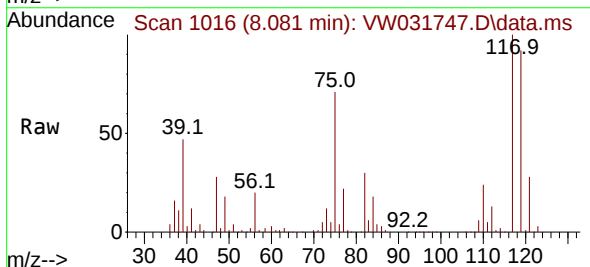
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

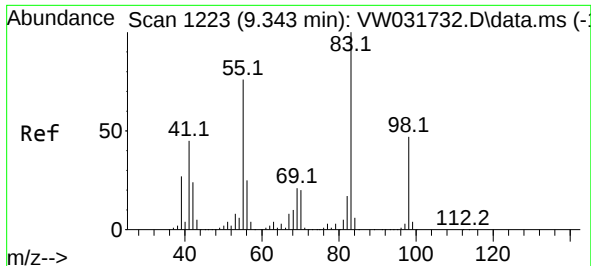
Tgt Ion: 43 Resp: 128596
Ion Ratio Lower Upper
43 100
61 12.1 10.9 16.3
70 10.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 53.914 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 117 Resp: 200304
Ion Ratio Lower Upper
117 100
119 92.3 75.0 112.6
121 28.1 24.6 37.0





#39

Methylcyclohexane

Concen: 54.498 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

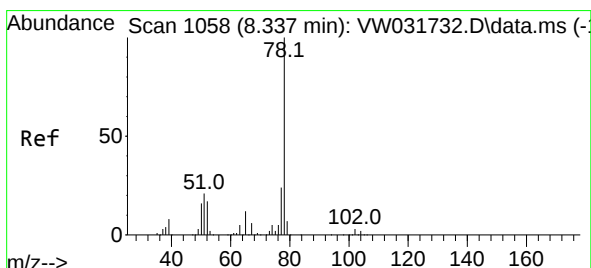
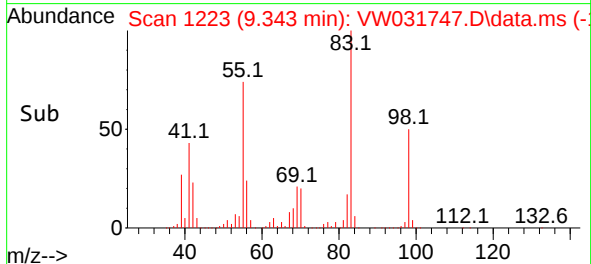
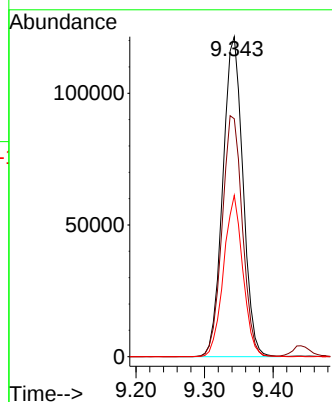
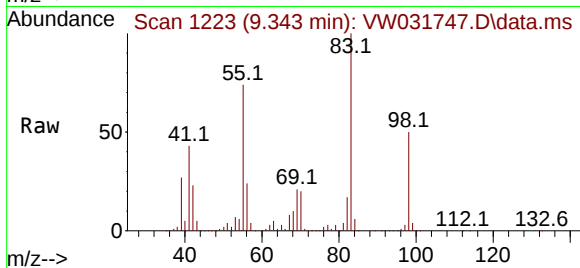
Tgt Ion: 83 Resp: 247207

Ion Ratio Lower Upper

83 100

55 74.3 61.0 91.4

98 50.4 37.9 56.9



#40

Benzene

Concen: 55.524 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031747.D

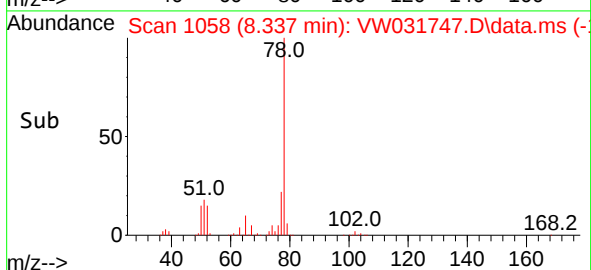
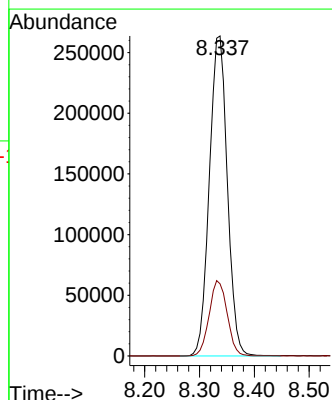
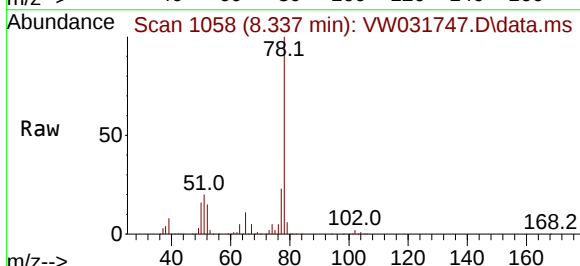
Acq: 02 Jul 2025 09:26

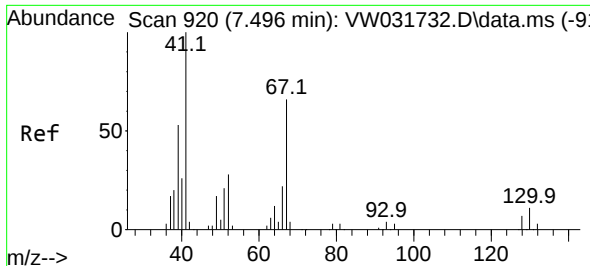
Tgt Ion: 78 Resp: 598925

Ion Ratio Lower Upper

78 100

77 22.6 19.2 28.8

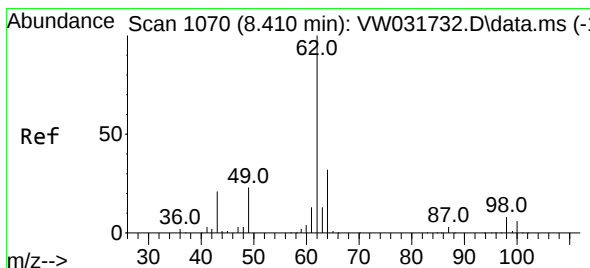
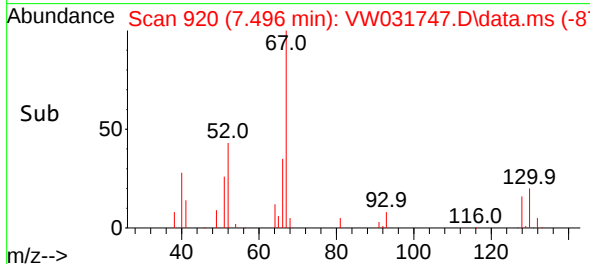
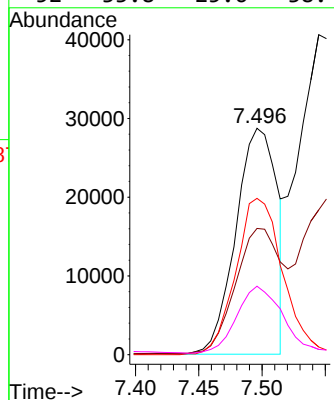
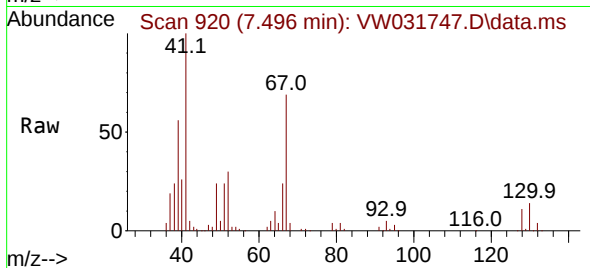




#41
Methacrylonitrile
Concen: 52.777 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

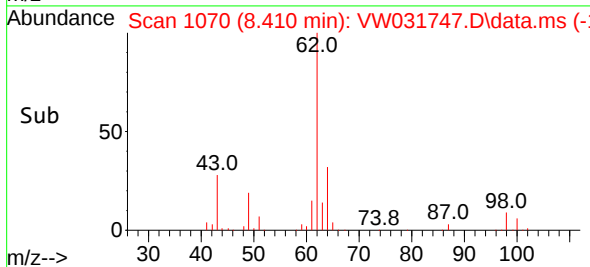
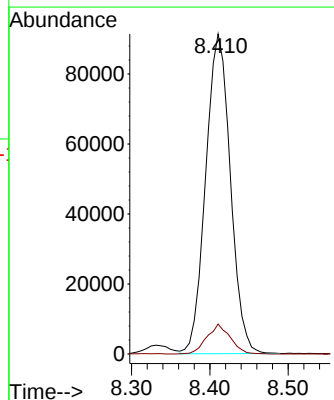
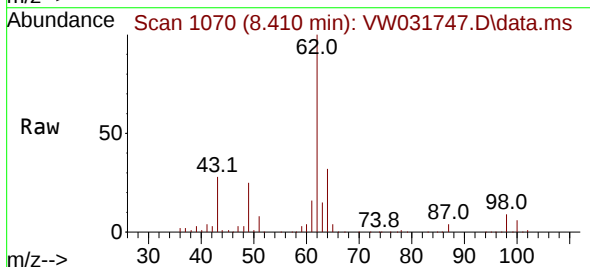
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

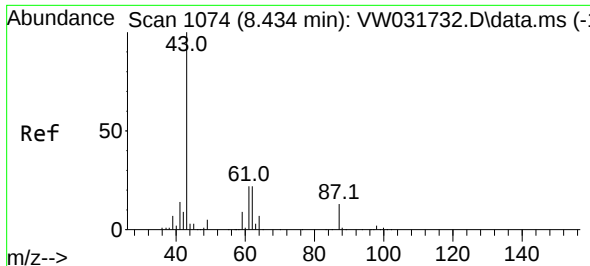
Tgt Ion:	41	Resp:	65024
Ion	Ratio	Lower	Upper
41	100		
39	62.6	43.2	64.8
67	79.5	58.1	87.1
52	33.8	25.6	38.4



#42
1,2-Dichloroethane
Concen: 54.882 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion:	62	Resp:	200028
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

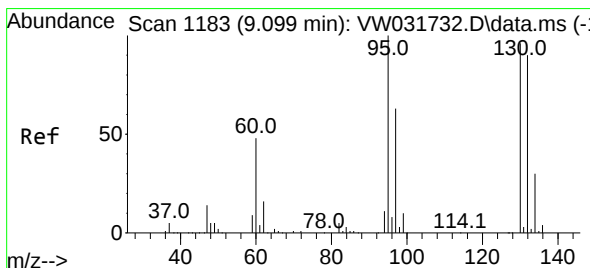
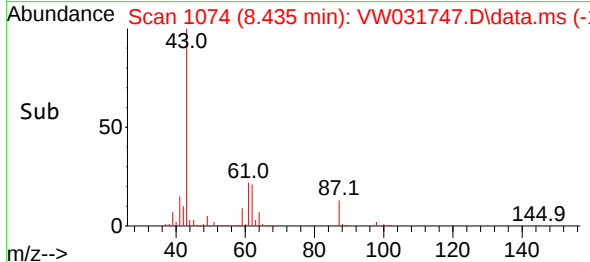
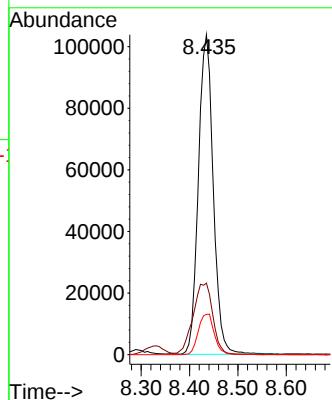
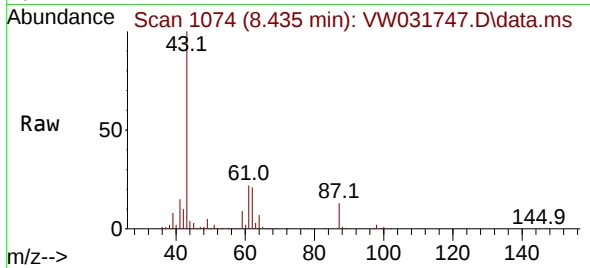




#43
Isopropyl Acetate
Concen: 55.838 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

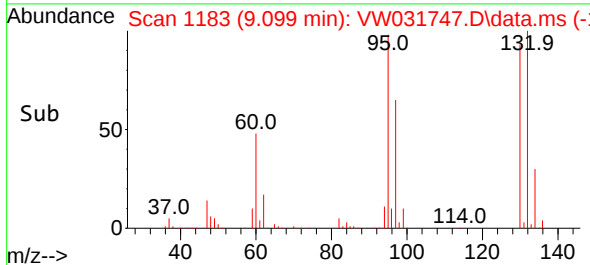
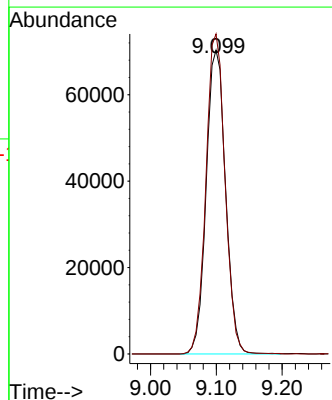
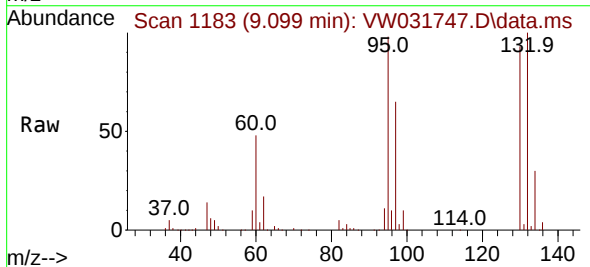
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

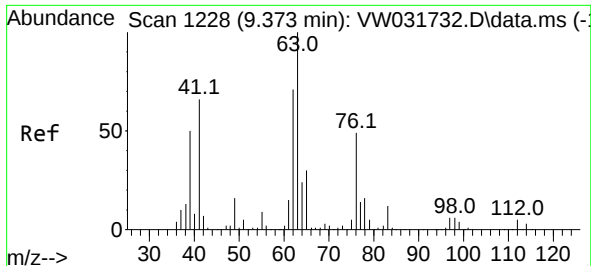
Tgt Ion: 43 Resp: 221370
Ion Ratio Lower Upper
43 100
61 29.6 23.1 34.7
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 53.497 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion:130 Resp: 144028
Ion Ratio Lower Upper
130 100
95 105.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 54.141 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

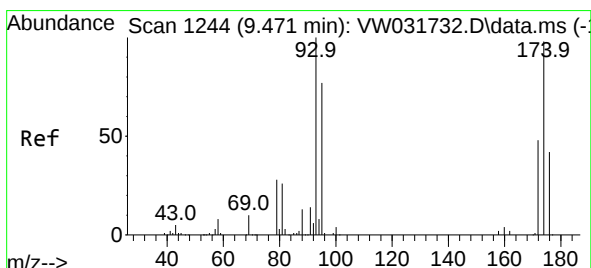
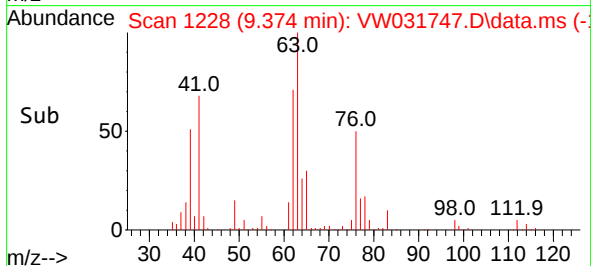
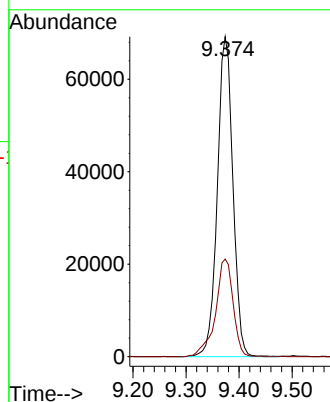
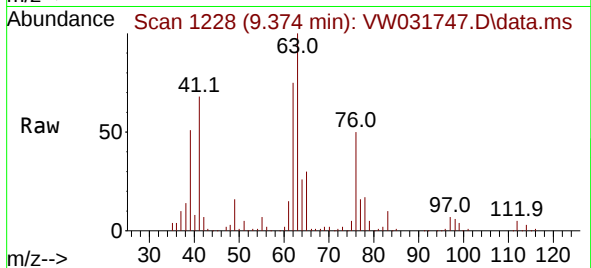
VSTDCCC050

Tgt Ion: 63 Resp: 141145

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.4



#46

Dibromomethane

Concen: 56.070 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

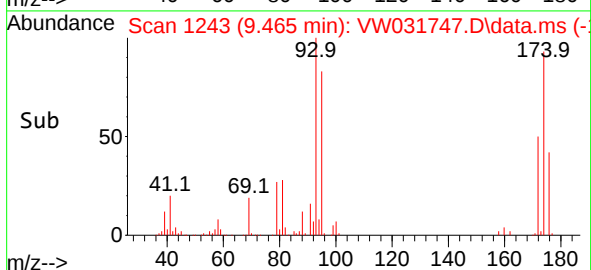
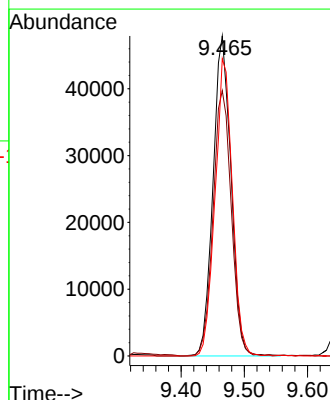
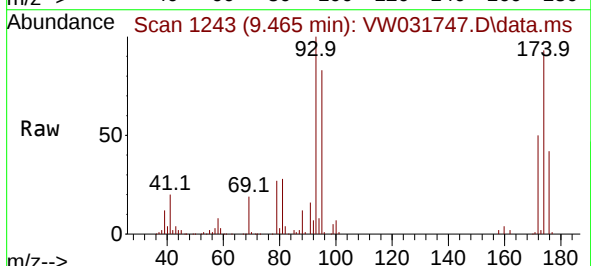
Tgt Ion: 93 Resp: 94371

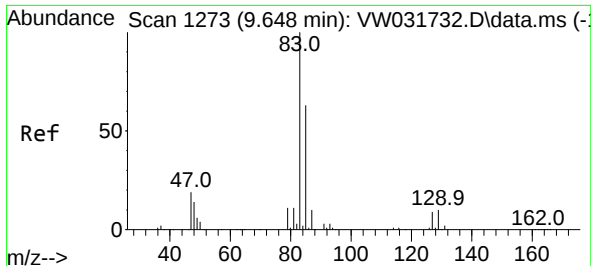
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.4

174 89.6 71.7 107.5

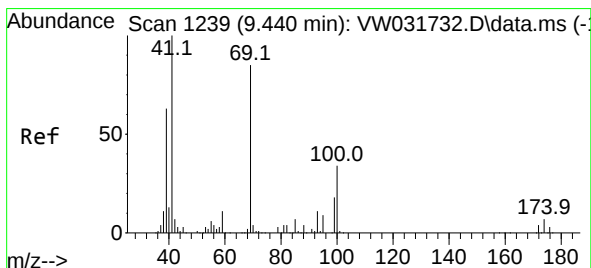
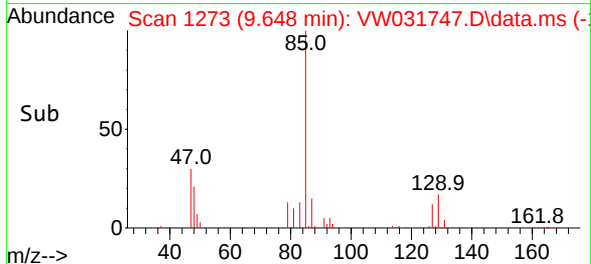
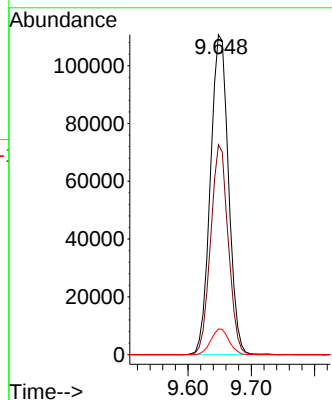
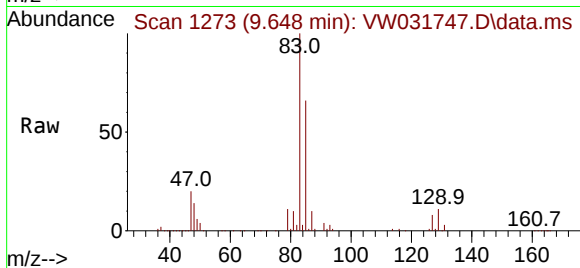




#47
Bromodichloromethane
Concen: 55.637 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

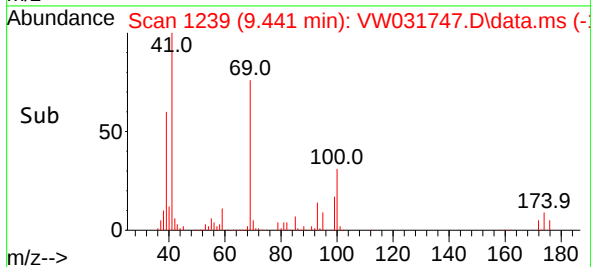
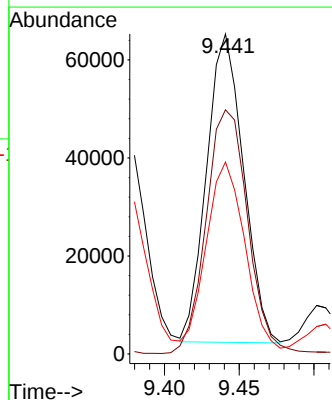
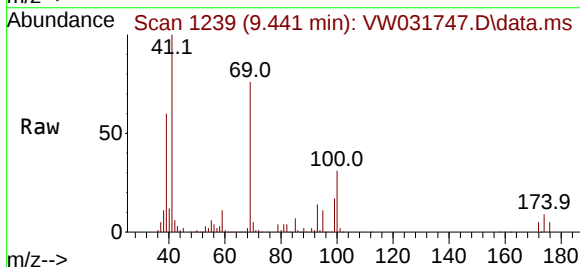
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

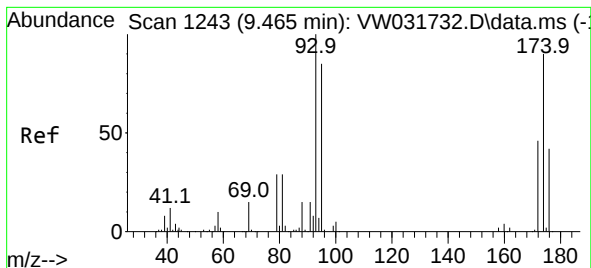
Tgt Ion: 83 Resp: 219587
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 55.266 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 41 Resp: 107735
Ion Ratio Lower Upper
41 100
69 89.7 71.6 107.4
39 62.2 49.5 74.3





#49

1,4-Dioxane

Concen: 1123.957 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

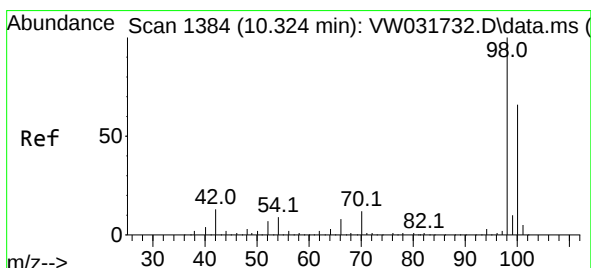
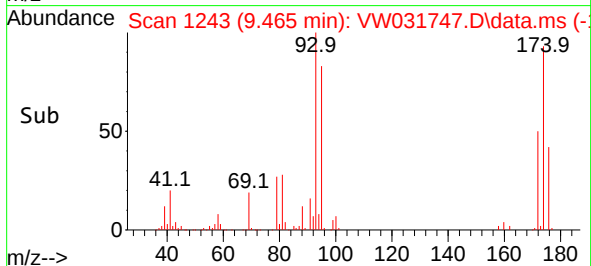
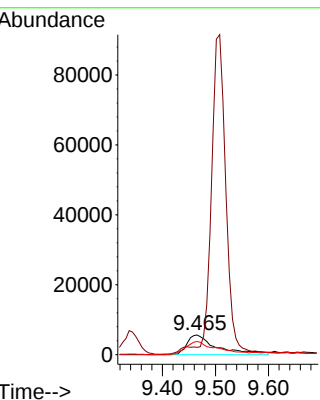
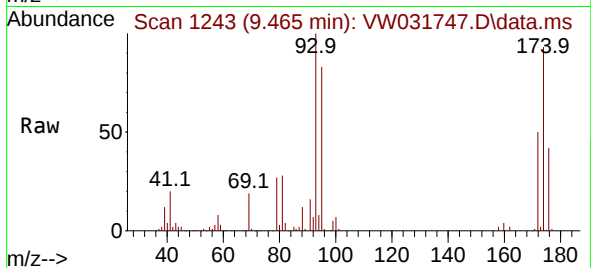
Tgt Ion: 88 Resp: 22156

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.6 58.3 87.5



#50

Toluene-d8

Concen: 53.124 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031747.D

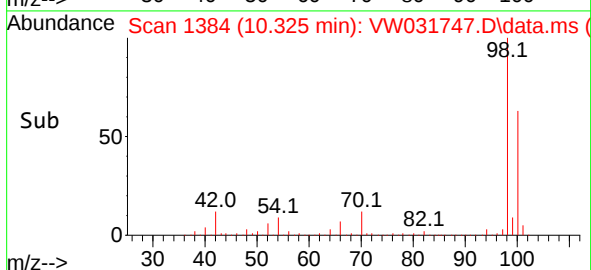
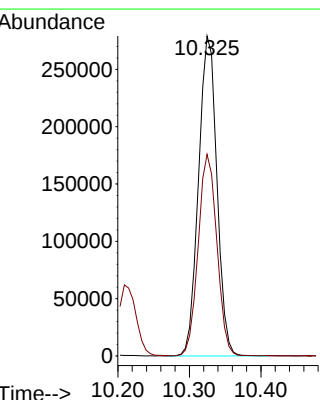
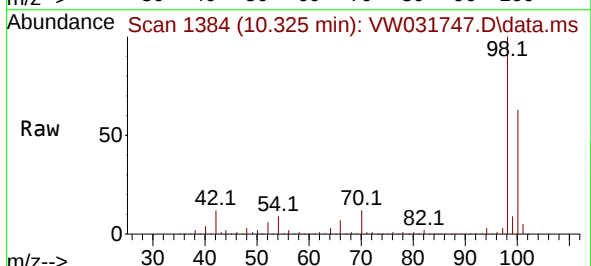
Acq: 02 Jul 2025 09:26

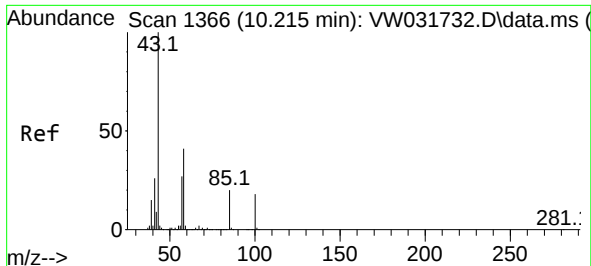
Tgt Ion: 98 Resp: 498098

Ion Ratio Lower Upper

98 100

100 64.1 53.0 79.4

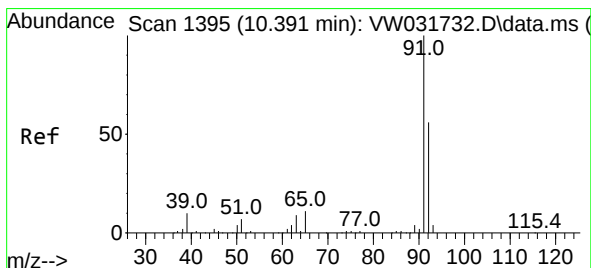
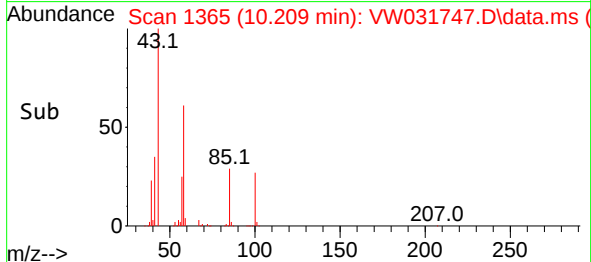
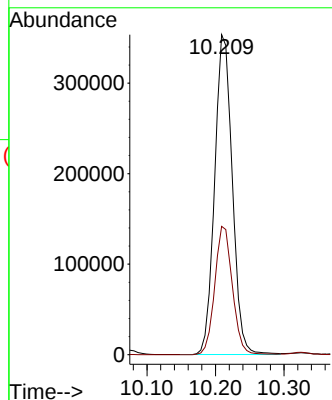
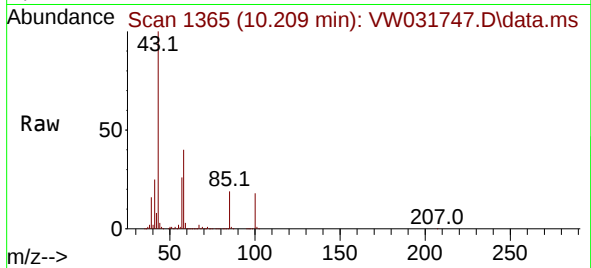




#51
4-Methyl-2-Pentanone
Concen: 276.986 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

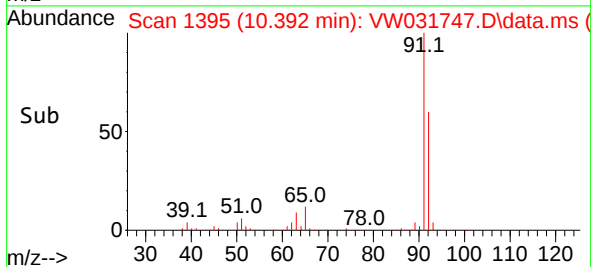
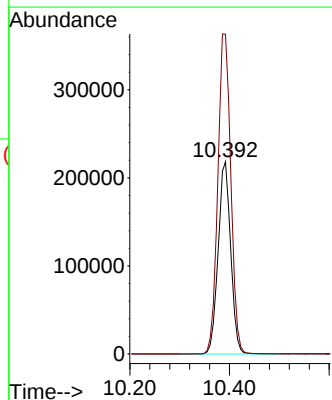
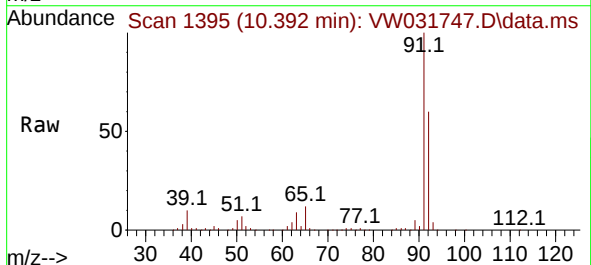
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 631318
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 55.038 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 92 Resp: 380107
Ion Ratio Lower Upper
92 100
91 172.9 139.5 209.3

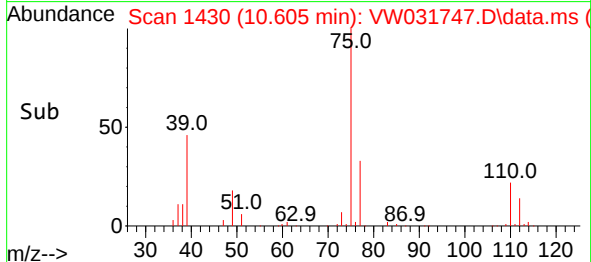
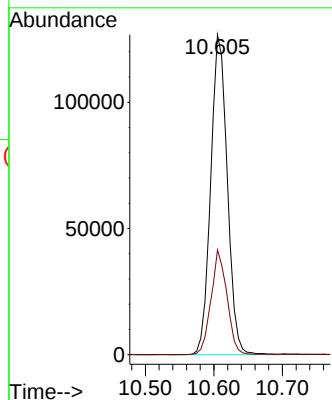
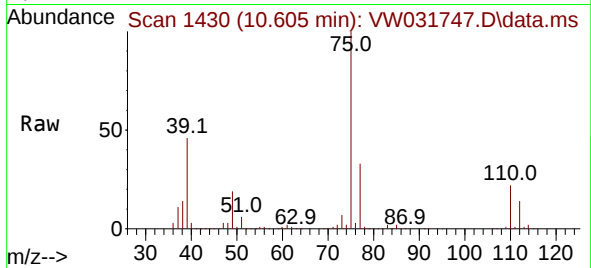




#53
t-1,3-Dichloropropene
Concen: 57.627 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

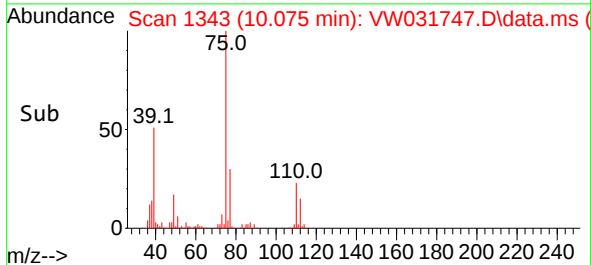
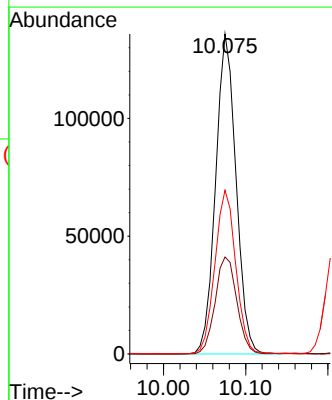
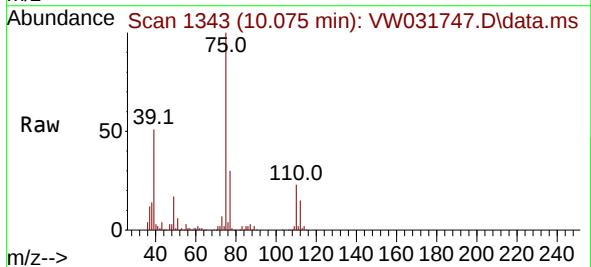
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

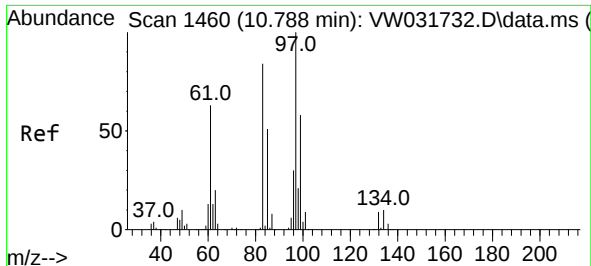
Tgt Ion: 75 Resp: 213398
Ion Ratio Lower Upper
75 100
77 32.7 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 55.833 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 75 Resp: 234384
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2
39 51.0 41.8 62.6



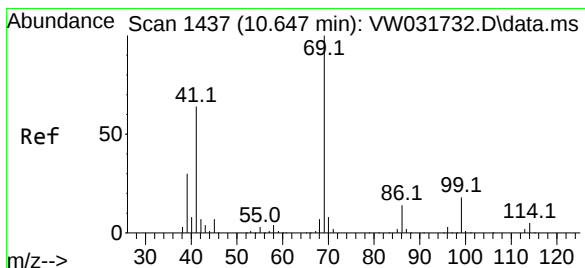
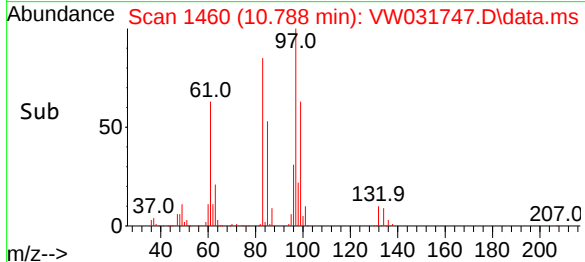
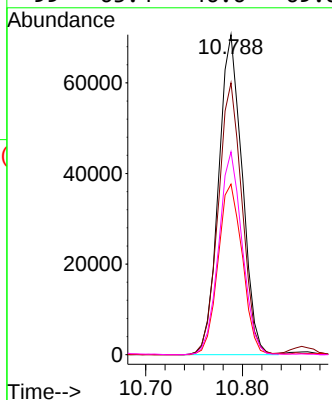
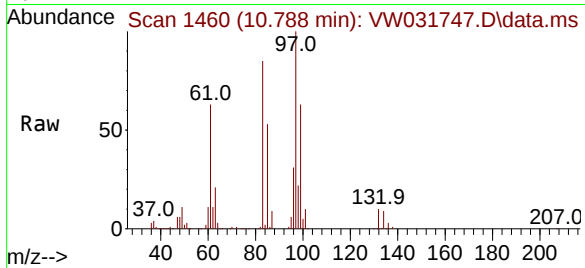


#55
1,1,2-Trichloroethane
Concen: 54.257 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 119620

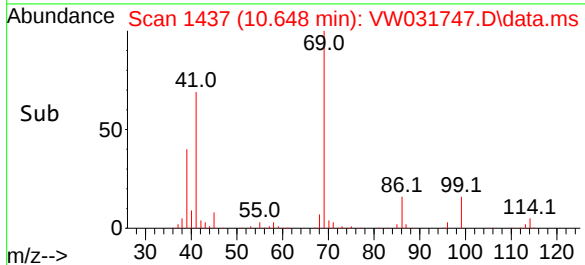
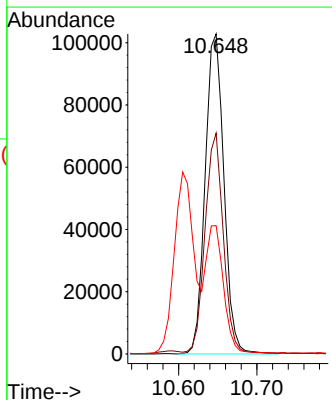
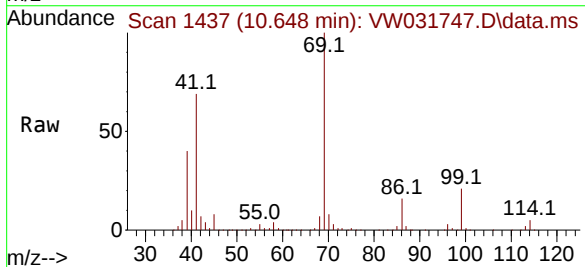
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.9	100.3
85	53.3	41.1	61.7
99	63.4	46.6	69.8



#56
Ethyl methacrylate
Concen: 57.140 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 69 Resp: 170911

Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.3	79.9
39	36.7	30.2	45.2





#57

1,3-Dichloropropane

Concen: 55.157 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

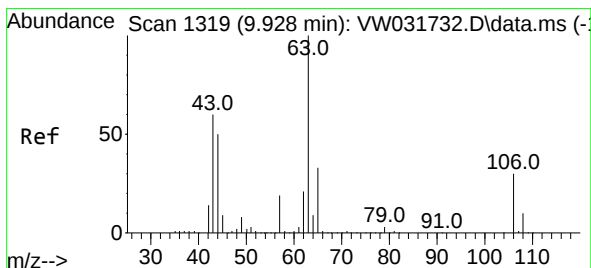
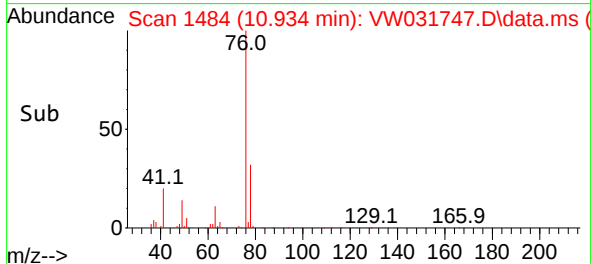
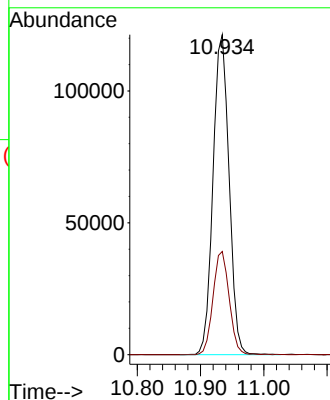
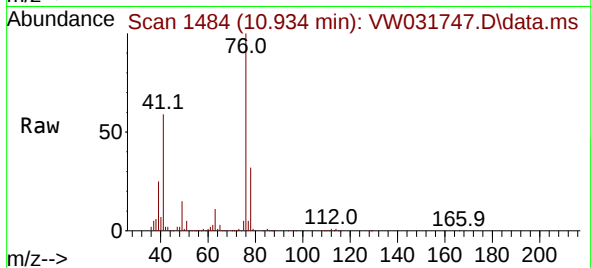
VSTDCCC050

Tgt Ion: 76 Resp: 213503

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 280.640 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031747.D

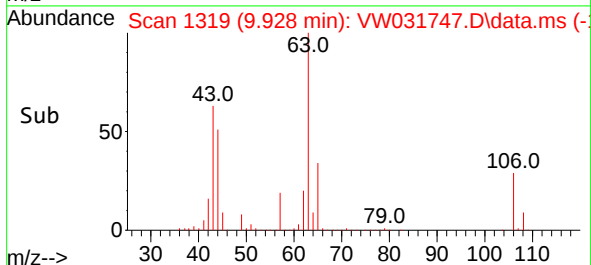
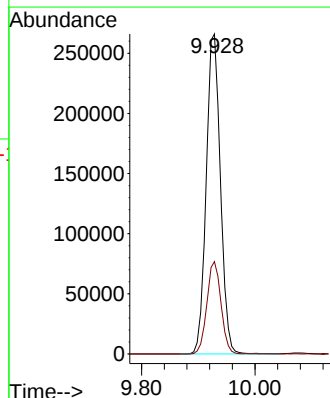
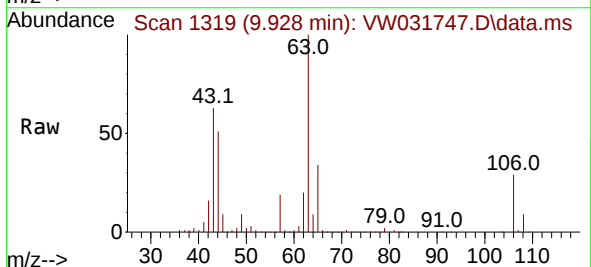
Acq: 02 Jul 2025 09:26

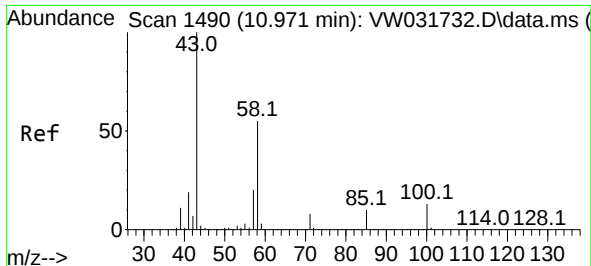
Tgt Ion: 63 Resp: 462220

Ion Ratio Lower Upper

63 100

106 28.7 24.1 36.1

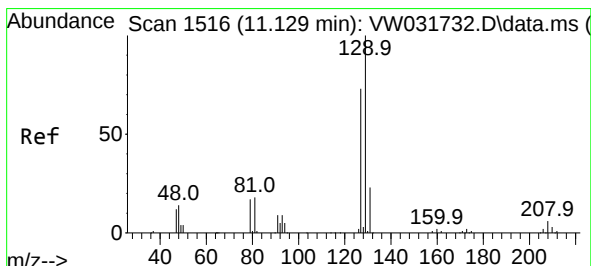
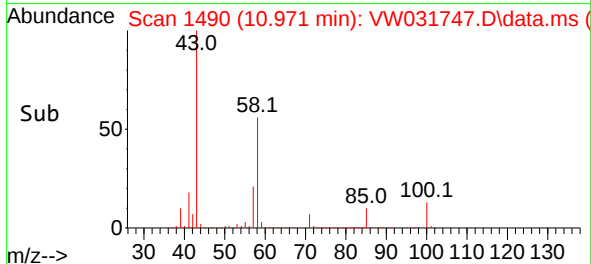
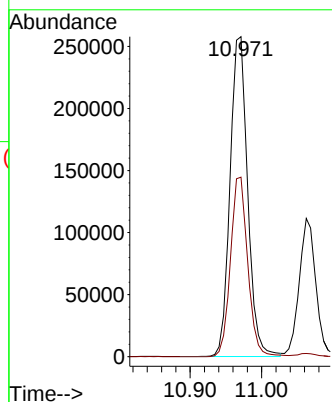
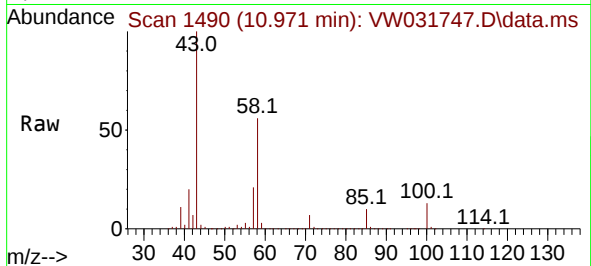




#59
2-Hexanone
Concen: 285.137 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

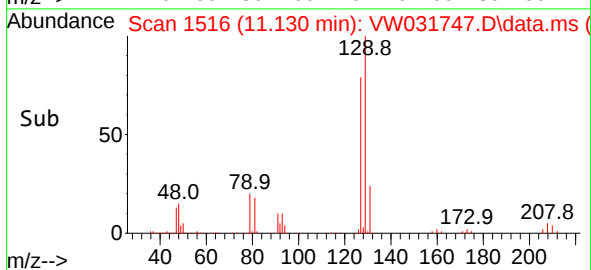
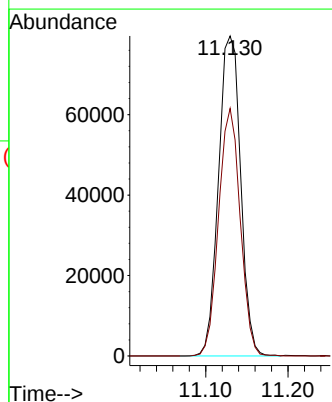
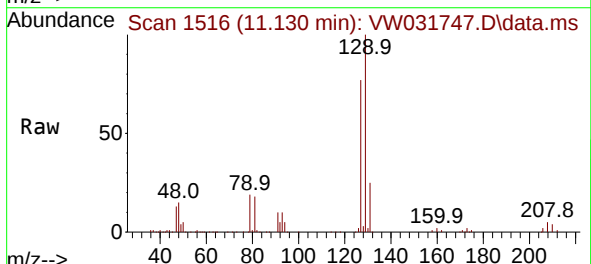
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

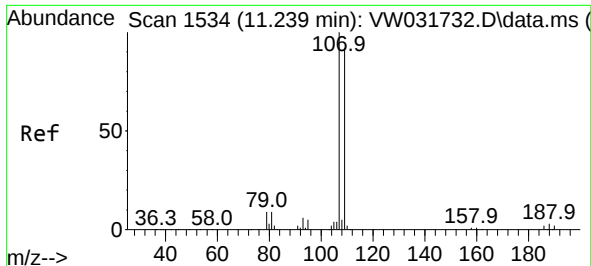
Tgt Ion: 43 Resp: 440396
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 56.401 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 129 Resp: 148697
Ion Ratio Lower Upper
129 100
127 75.6 38.0 114.1

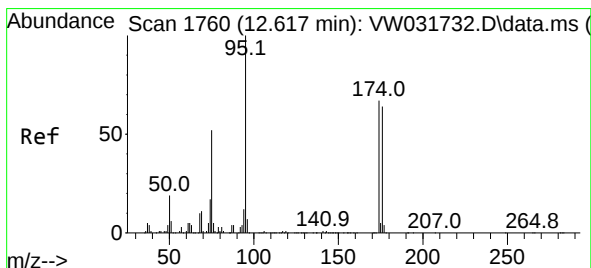
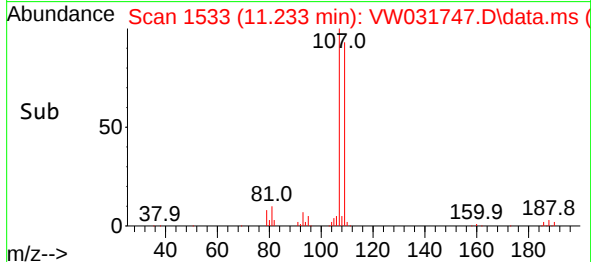
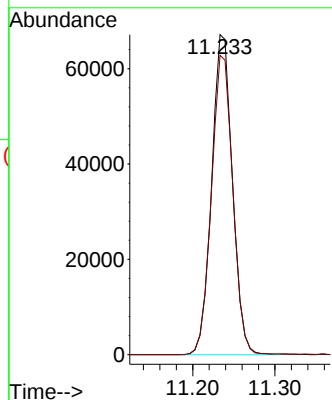
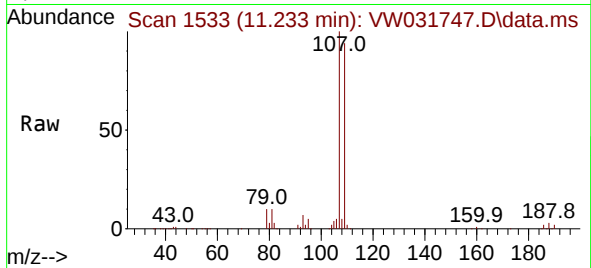




#61
1,2-Dibromoethane
Concen: 53.311 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

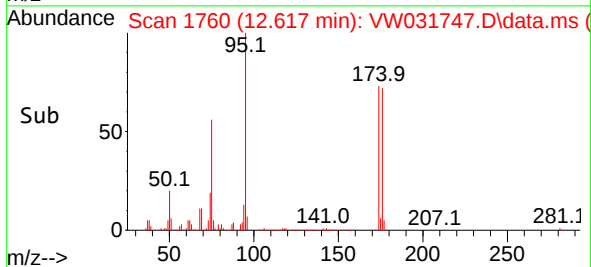
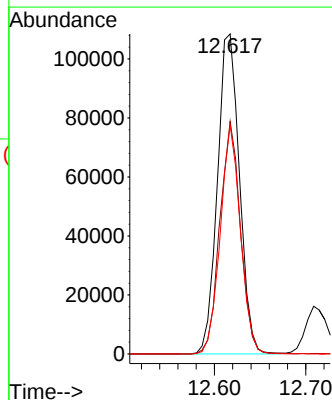
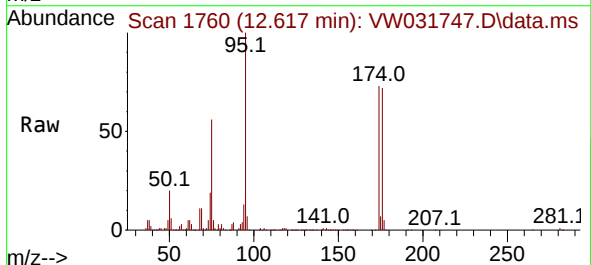
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

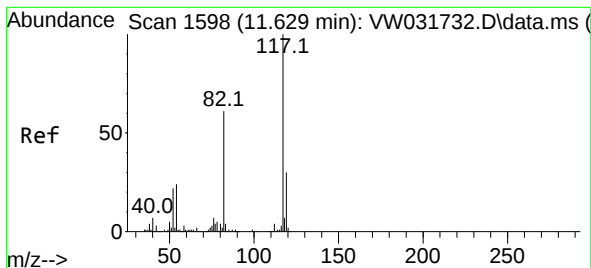
Tgt Ion:107 Resp: 117663
Ion Ratio Lower Upper
107 100
109 96.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.633 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 95 Resp: 181607
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.8
176 65.4 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

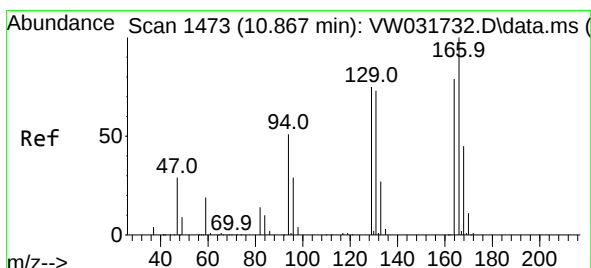
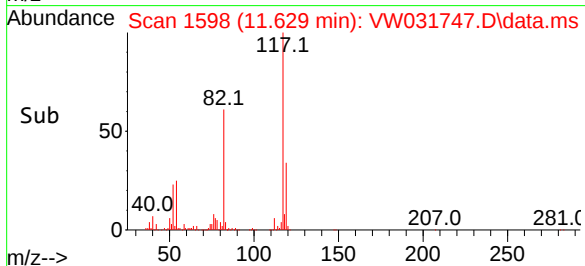
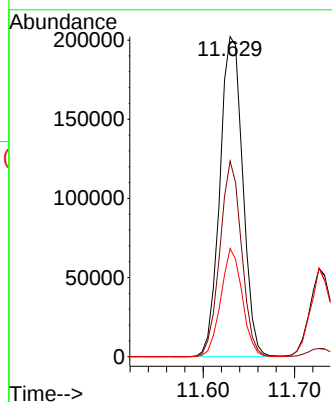
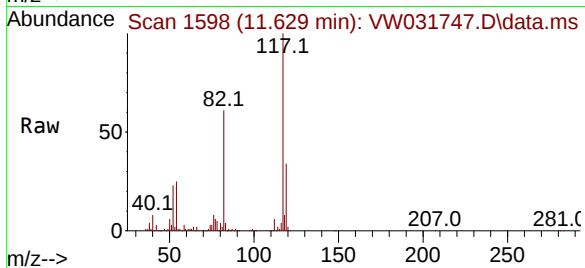
Tgt Ion:117 Resp: 351801

Ion Ratio Lower Upper

117 100

82 61.1 48.6 72.8

119 33.8 23.9 35.9



#64

Tetrachloroethene

Concen: 51.767 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Tgt Ion:164 Resp: 119126

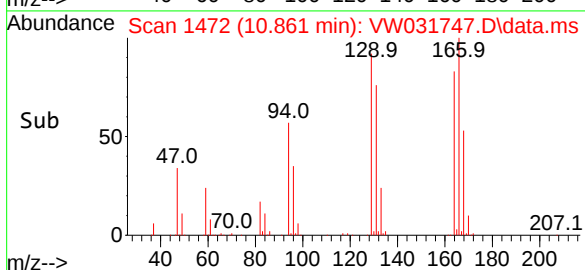
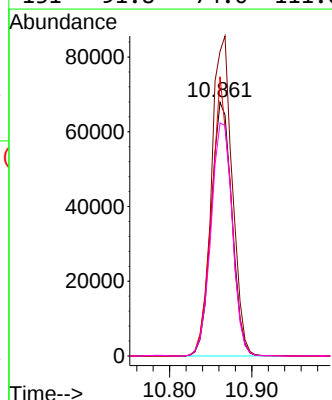
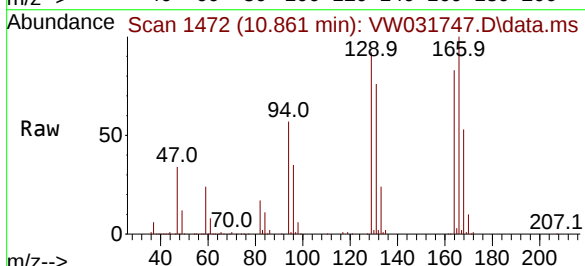
Ion Ratio Lower Upper

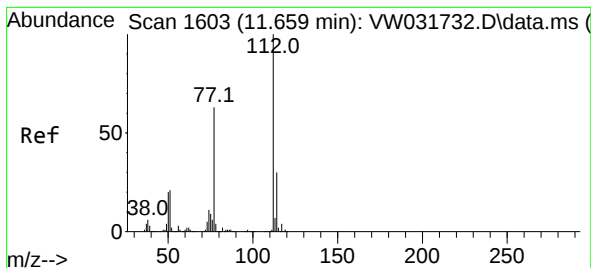
164 100

166 120.1 100.7 151.1

129 110.1 75.4 113.0

131 91.8 74.0 111.0





#65

Chlorobenzene

Concen: 54.920 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

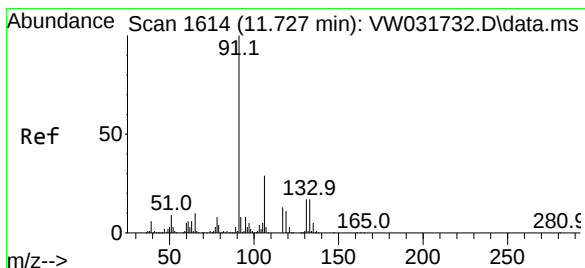
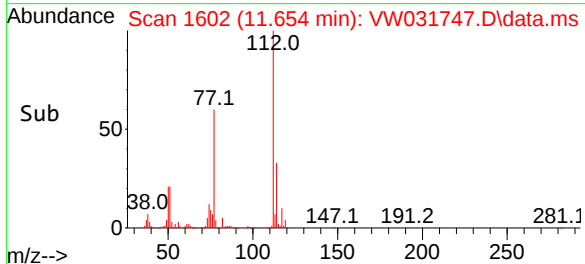
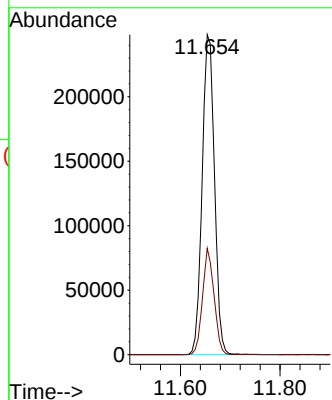
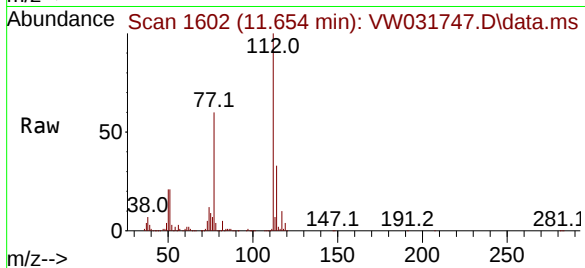
VSTDCCC050

Tgt Ion:112 Resp: 426288

Ion Ratio Lower Upper

112 100

114 33.2 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 53.788 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.007 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

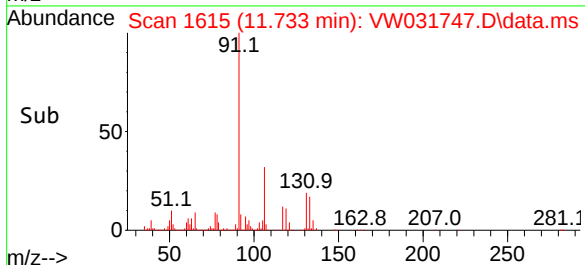
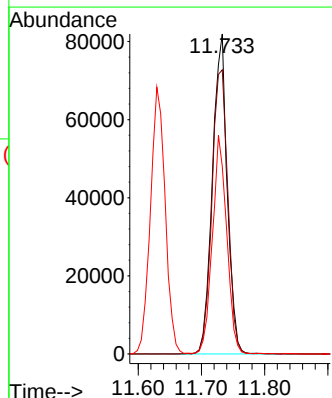
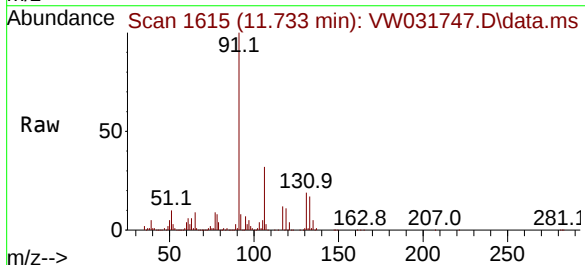
Tgt Ion:131 Resp: 133044

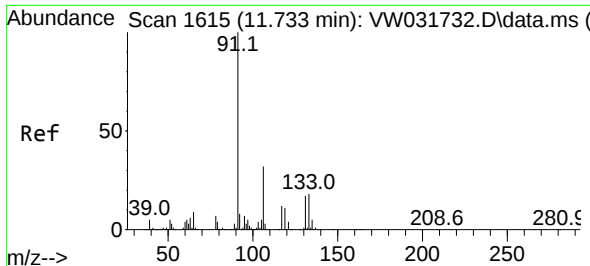
Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.6

119 65.9 32.5 97.5

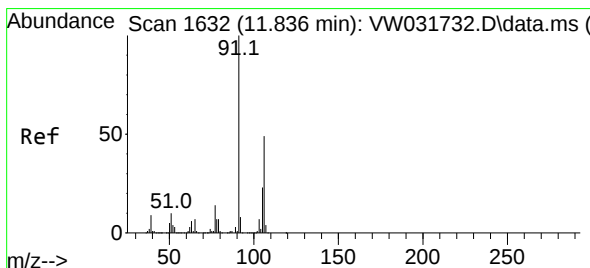
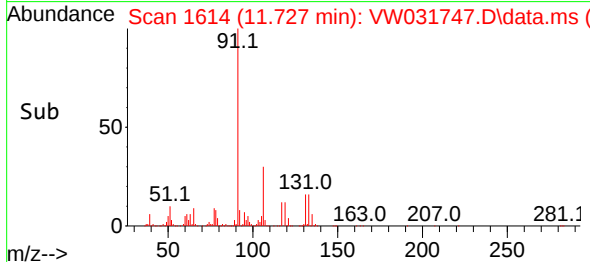
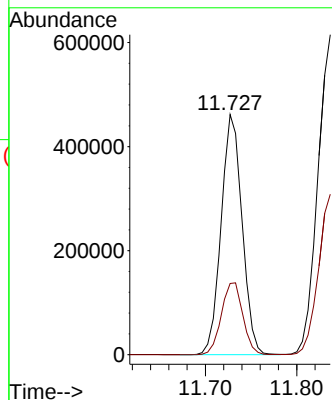
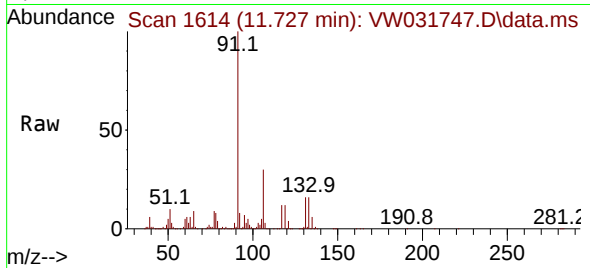




#67
Ethyl Benzene
Concen: 54.717 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

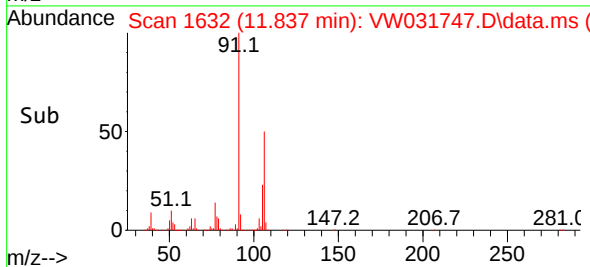
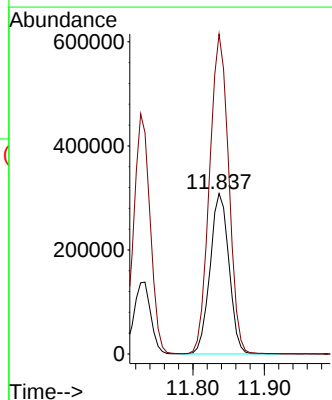
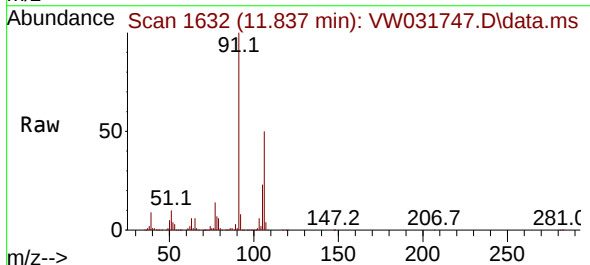
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 736459
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.2



#68
m/p-Xylenes
Concen: 109.125 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion:106 Resp: 564619
Ion Ratio Lower Upper
106 100
91 203.1 166.4 249.6

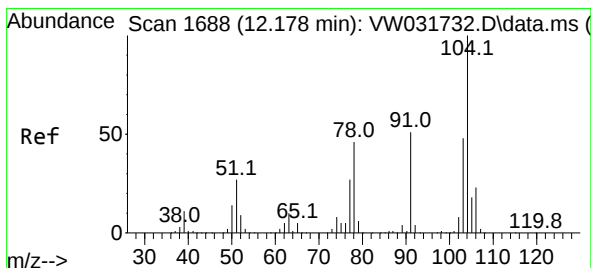
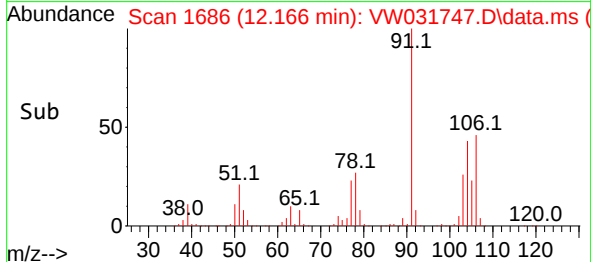
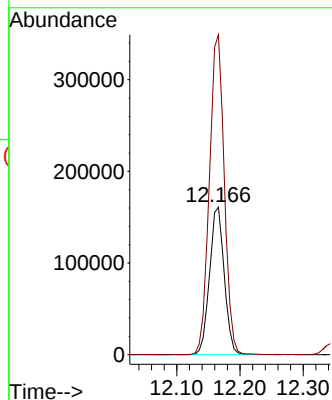
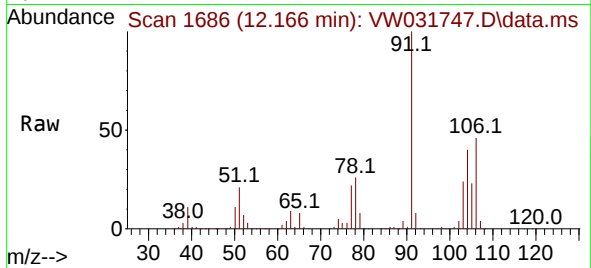




#69
o-Xylene
Concen: 54.397 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

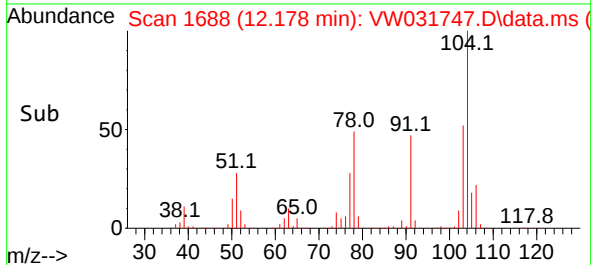
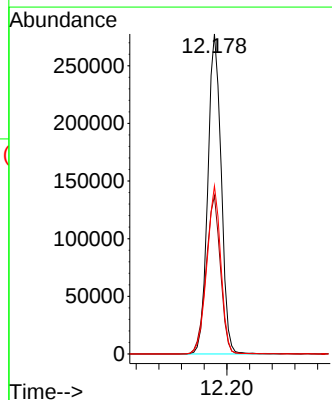
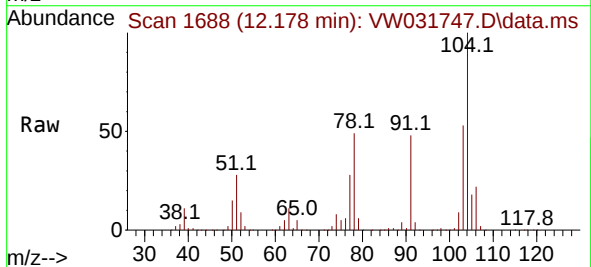
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 260593
Ion Ratio Lower Upper
106 100
91 219.9 111.5 334.4



#70
Styrene
Concen: 54.891 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion:104 Resp: 454599
Ion Ratio Lower Upper
104 100
78 53.0 42.1 63.1
103 54.7 43.0 64.6





#71

Bromoform

Concen: 55.866 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

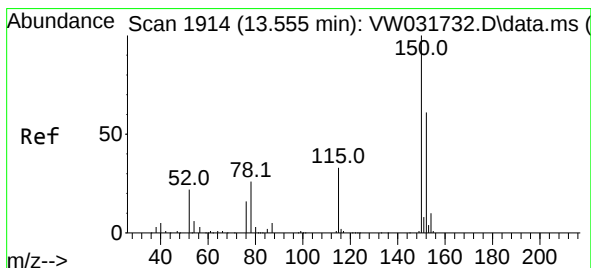
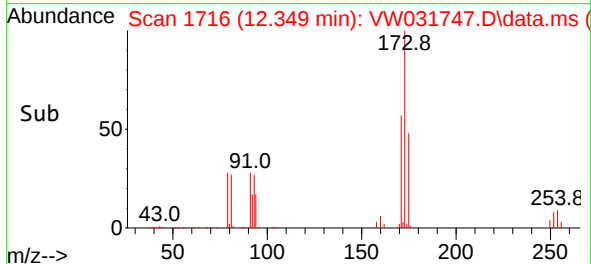
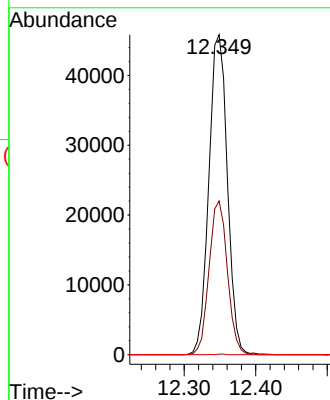
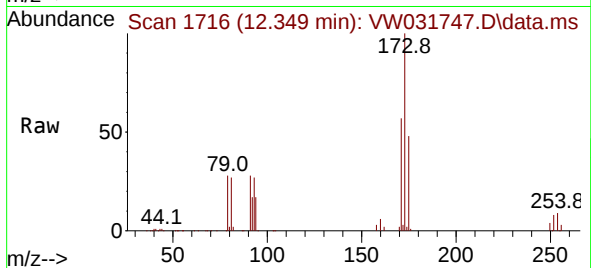
Tgt Ion:173 Resp: 82435

Ion Ratio Lower Upper

173 100

175 47.5 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: VW031747.D

Acq: 02 Jul 2025 09:26

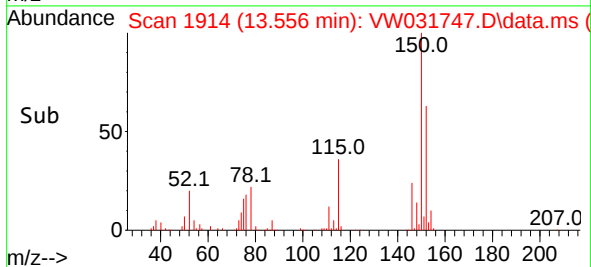
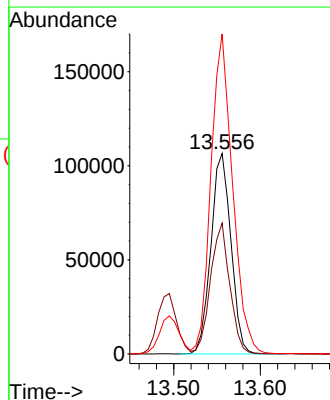
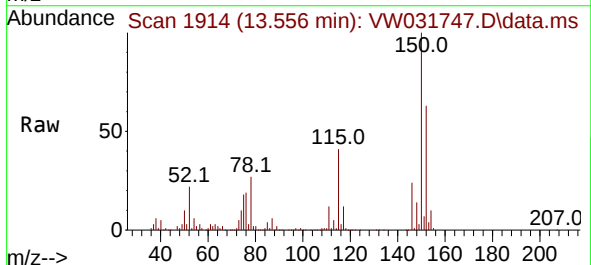
Tgt Ion:152 Resp: 171292

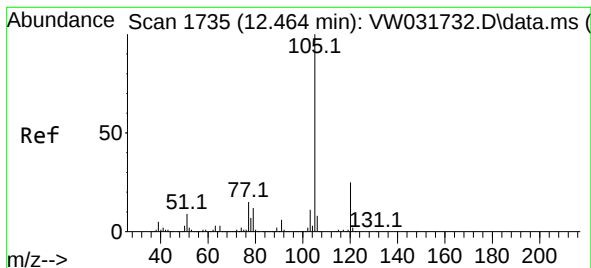
Ion Ratio Lower Upper

152 100

115 62.6 31.9 95.7

150 171.9 0.0 356.4





#73

Isopropylbenzene

Concen: 53.749 ug/l

RT: 12.459 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

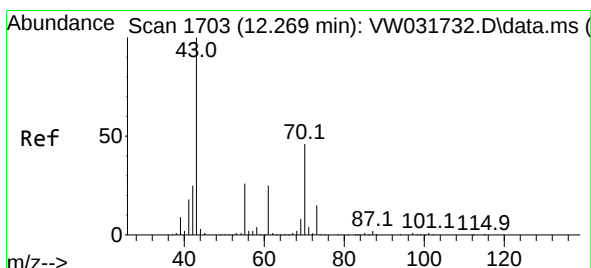
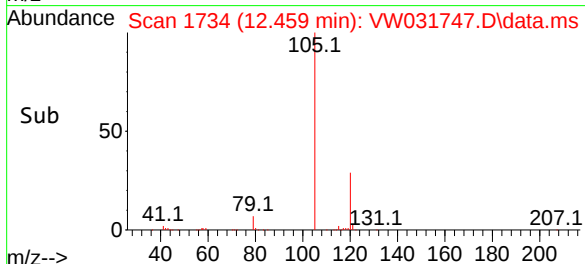
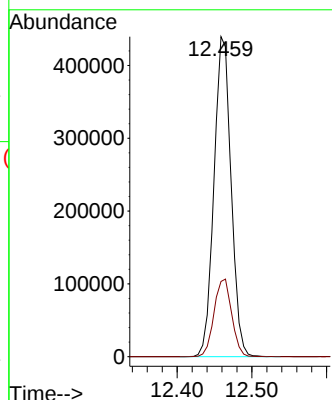
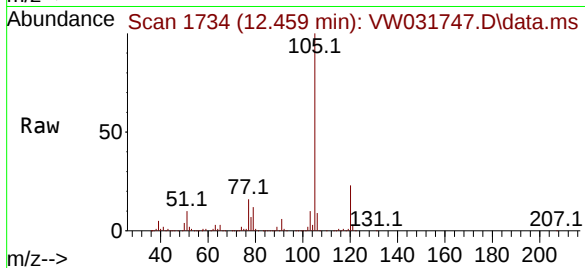
VSTDCCC050

Tgt Ion:105 Resp: 700315

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



#74

N-ethyl acetate

Concen: 53.817 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Tgt Ion: 43 Resp: 188999

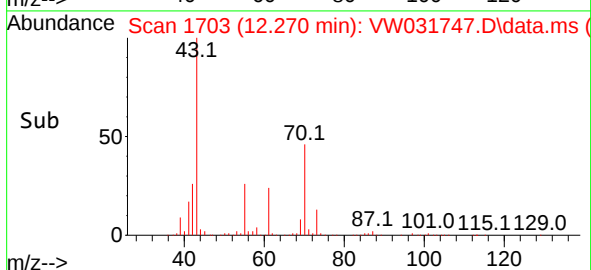
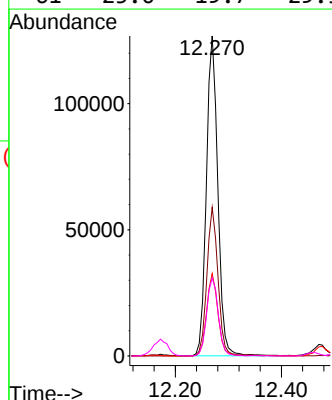
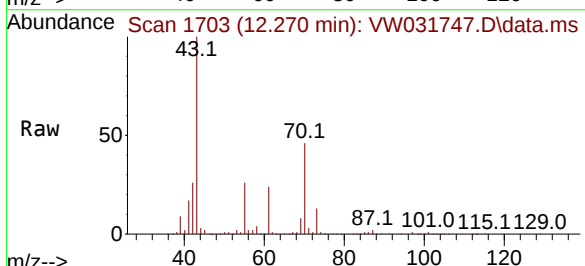
Ion Ratio Lower Upper

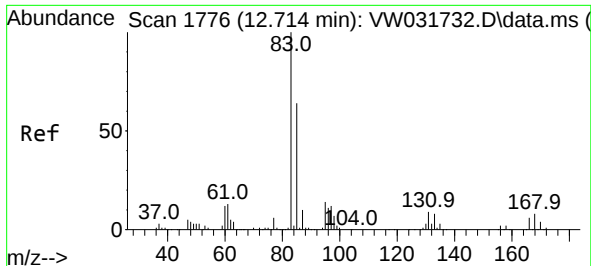
43 100

70 45.4 36.0 54.0

55 25.6 20.8 31.2

61 25.0 19.7 29.5

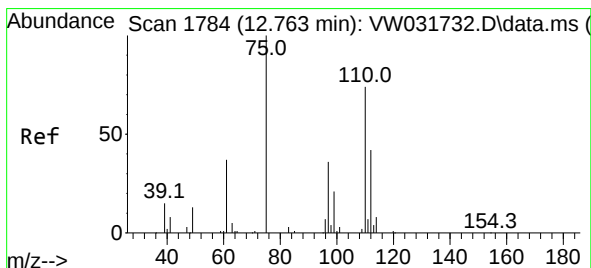
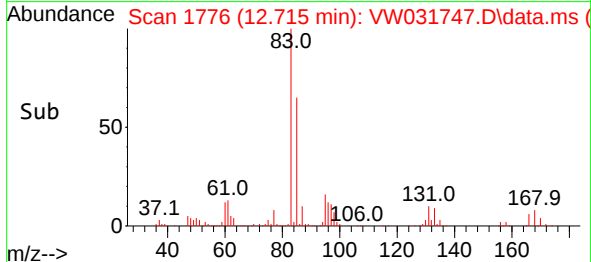
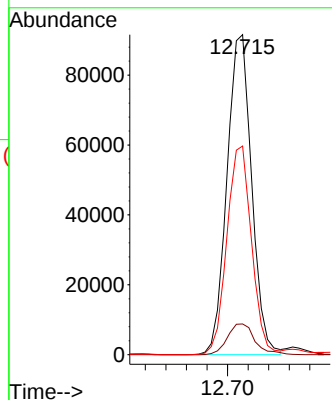
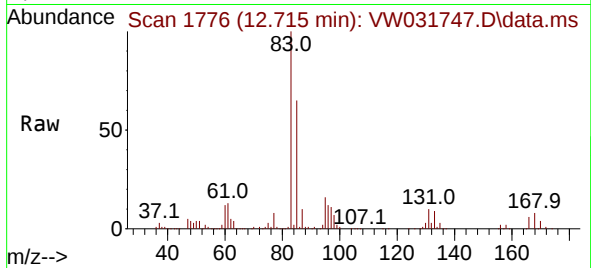




#75
1,1,2,2-Tetrachloroethane
Concen: 52.810 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

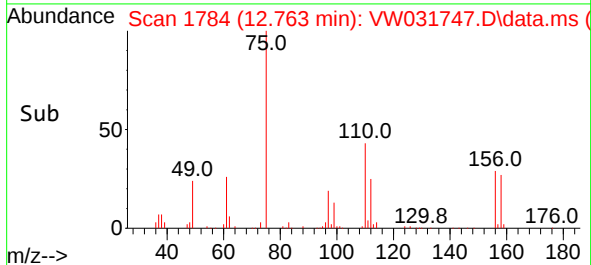
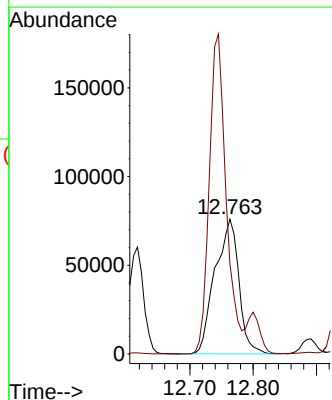
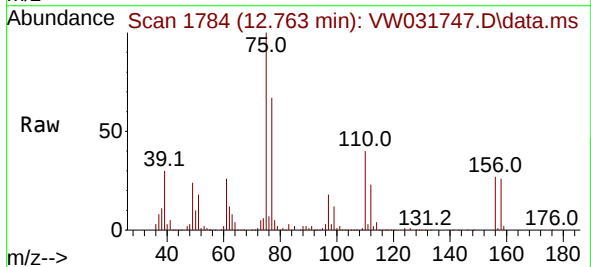
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

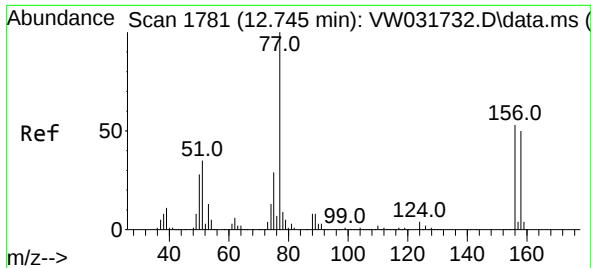
Tgt Ion: 83 Resp: 152760
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 65.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 89.470 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 75 Resp: 198048
Ion Ratio Lower Upper
75 100
77 168.6 141.2 423.6

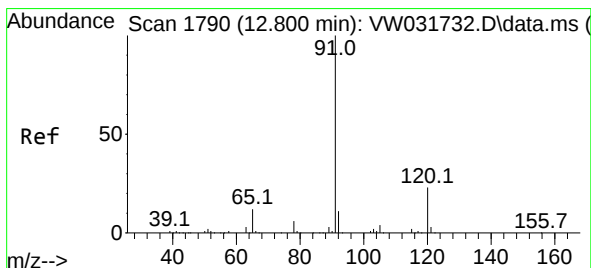
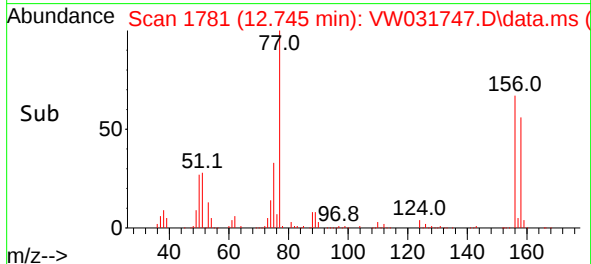
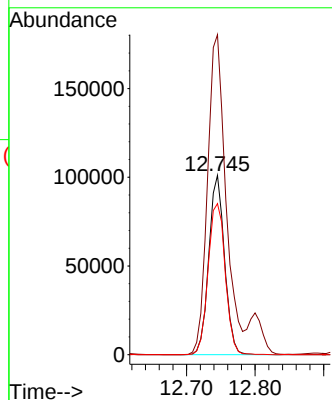
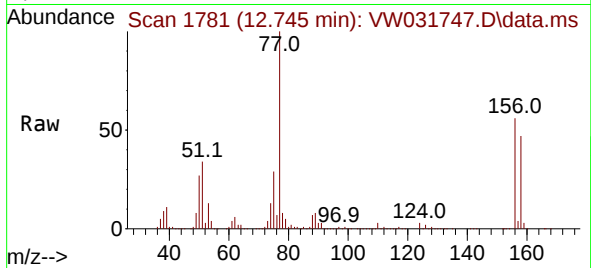




#77
Bromobenzene
Concen: 55.631 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

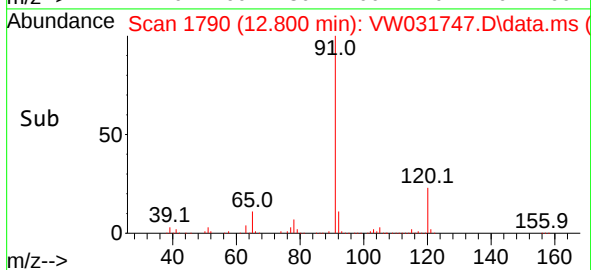
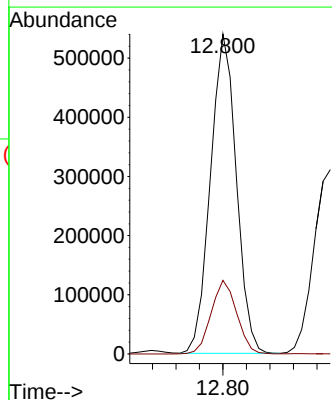
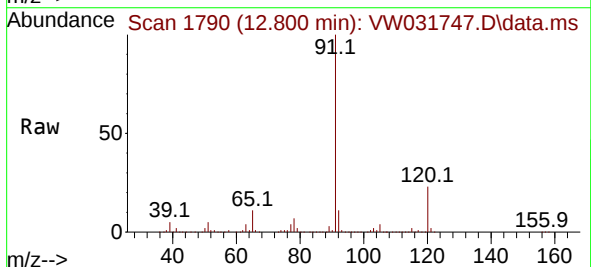
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

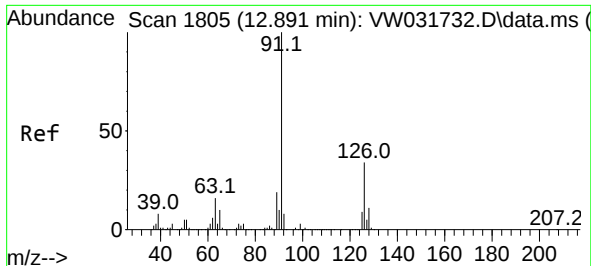
Tgt Ion:156 Resp: 161663
Ion Ratio Lower Upper
156 100
77 206.6 117.9 353.7
158 91.7 52.6 157.8



#78
n-propylbenzene
Concen: 52.949 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 91 Resp: 826129
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

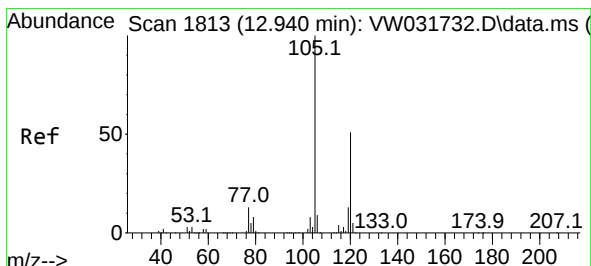
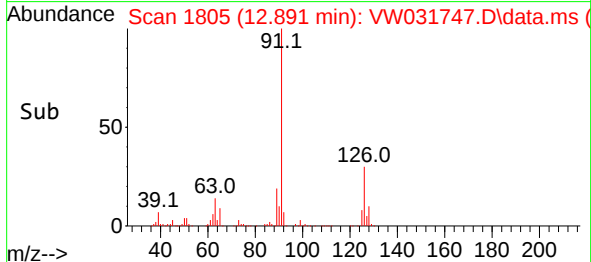
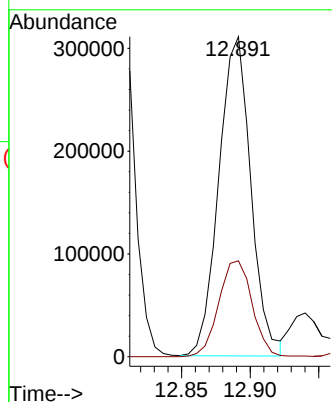
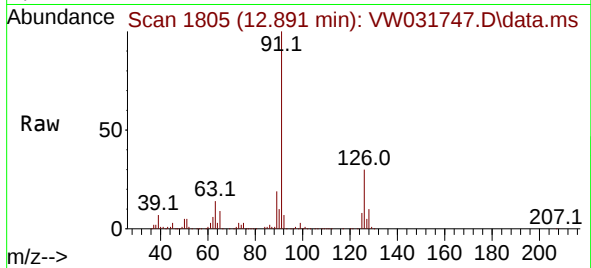




#79
2-Chlorotoluene
Concen: 53.827 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

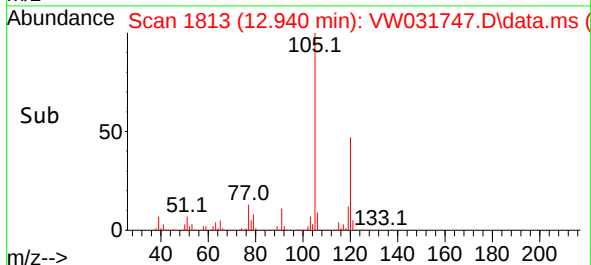
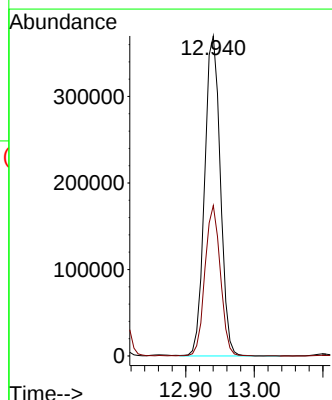
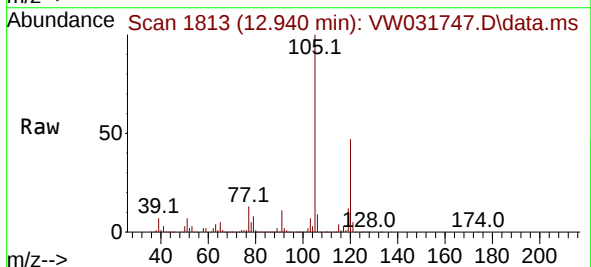
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

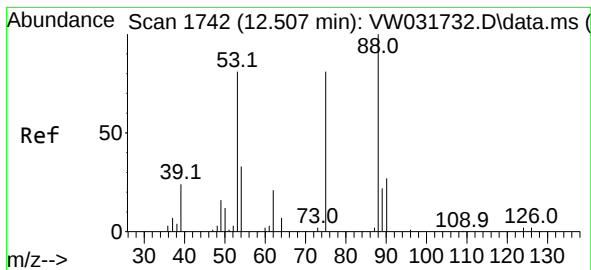
Tgt Ion: 91 Resp: 505721
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 54.777 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 105 Resp: 590780
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.2

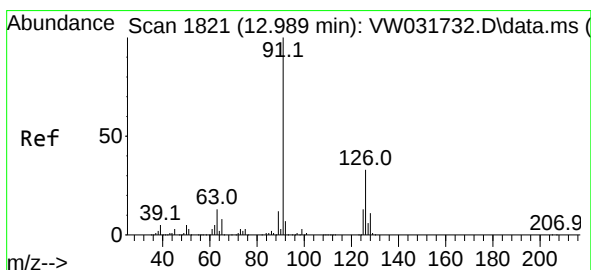
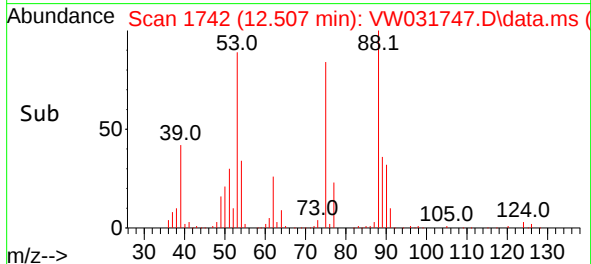
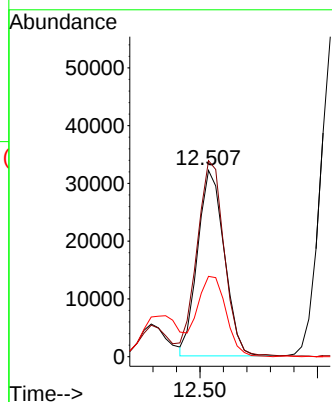
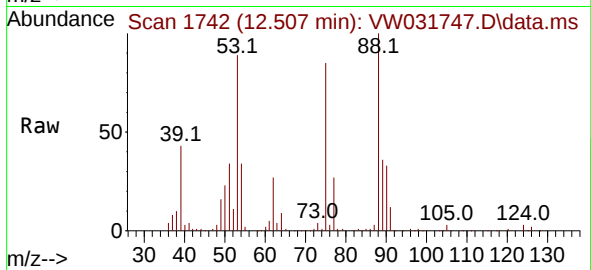




#81
trans-1,4-Dichloro-2-butene
Concen: 53.236 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

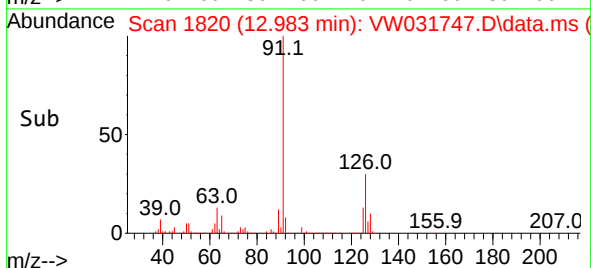
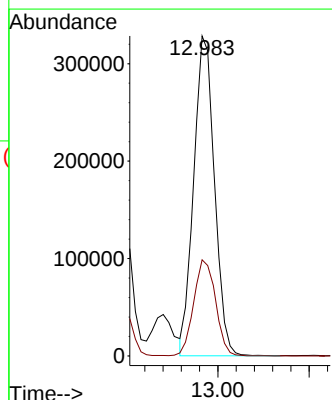
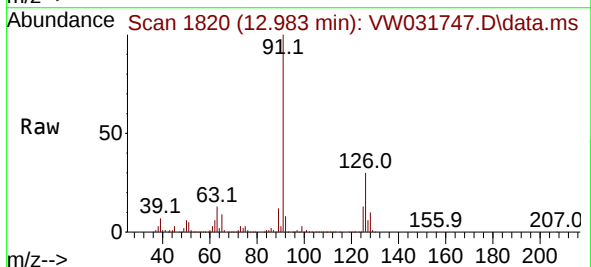
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

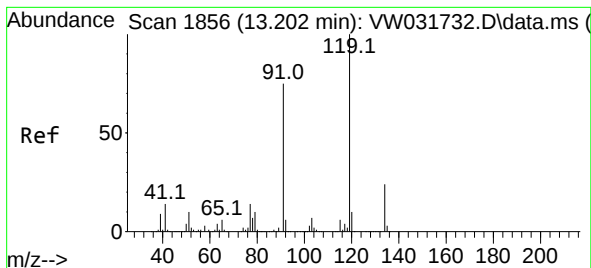
Tgt Ion: 75 Resp: 50594
Ion Ratio Lower Upper
75 100
53 110.2 83.5 125.3
89 45.8 38.3 57.5



#82
4-Chlorotoluene
Concen: 52.424 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 91 Resp: 517113
Ion Ratio Lower Upper
91 100
126 31.8 16.0 47.9





#83

tert-Butylbenzene

Concen: 51.995 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

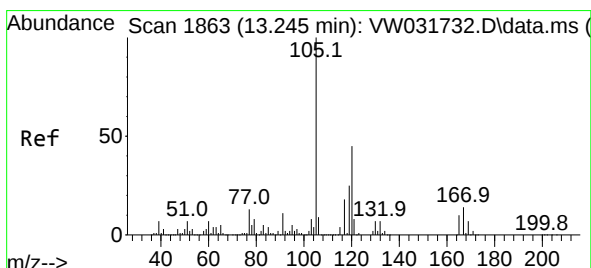
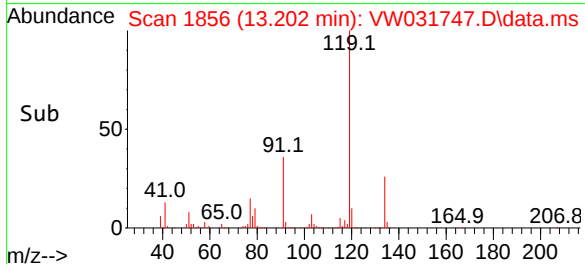
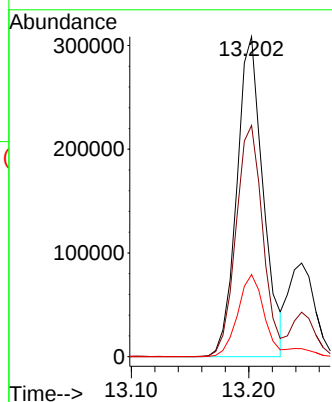
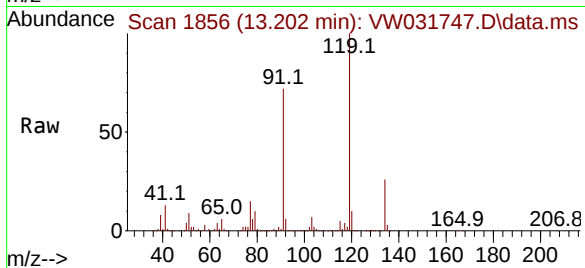
Tgt Ion:119 Resp: 480355

Ion Ratio Lower Upper

119 100

91 73.5 36.0 108.1

134 25.9 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 52.852 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031747.D

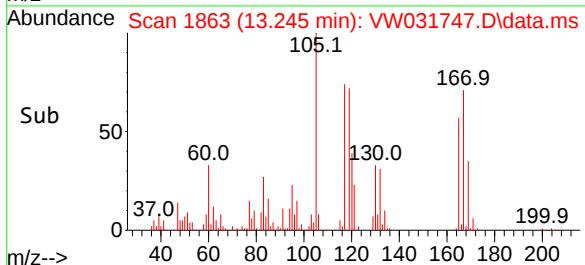
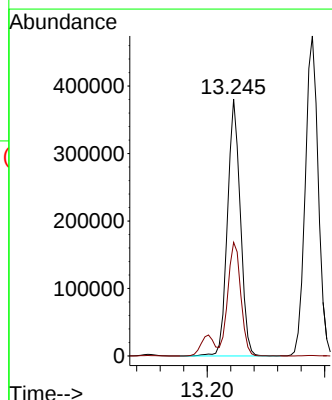
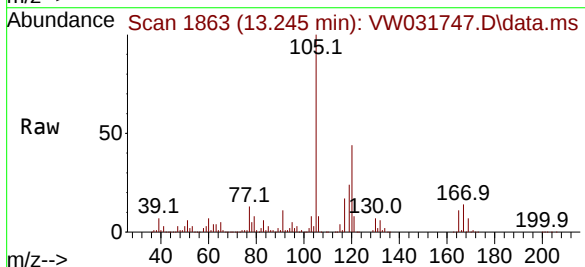
Acq: 02 Jul 2025 09:26

Tgt Ion:105 Resp: 577542

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 52.311 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

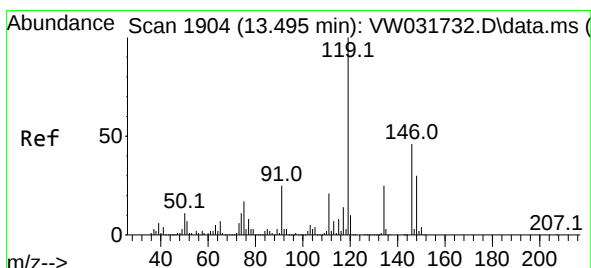
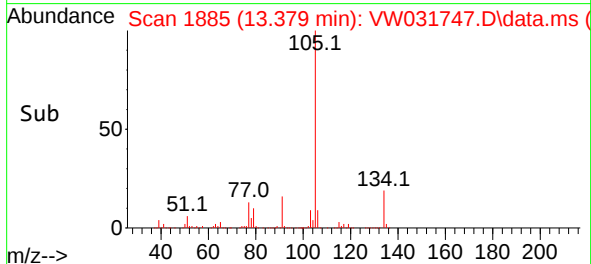
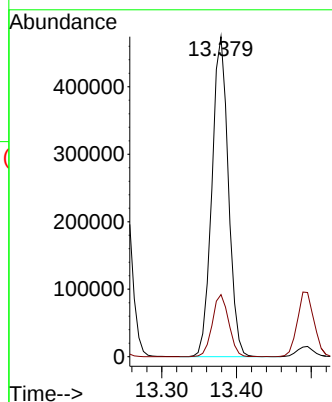
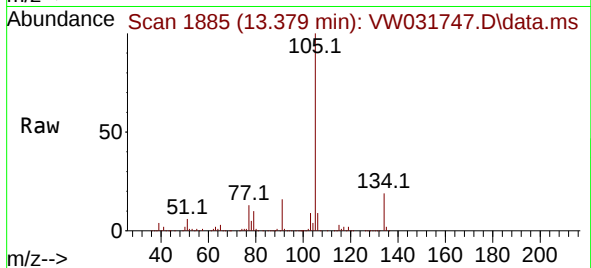
VSTDCCC050

Tgt Ion:105 Resp: 725374

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 53.074 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

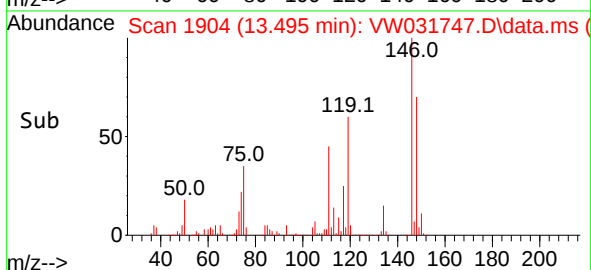
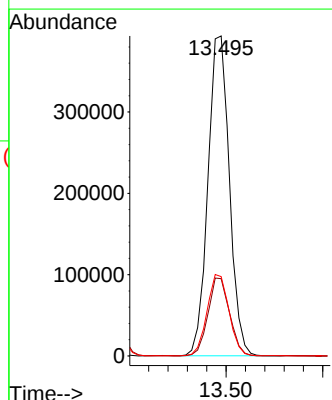
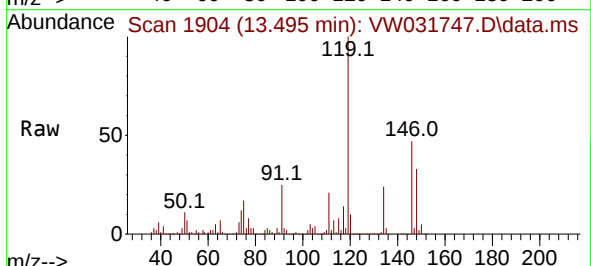
Tgt Ion:119 Resp: 606534

Ion Ratio Lower Upper

119 100

134 24.6 12.9 38.7

91 25.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.651 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

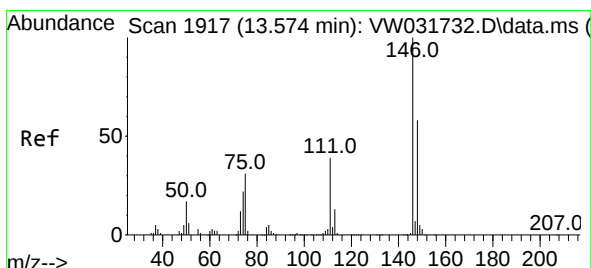
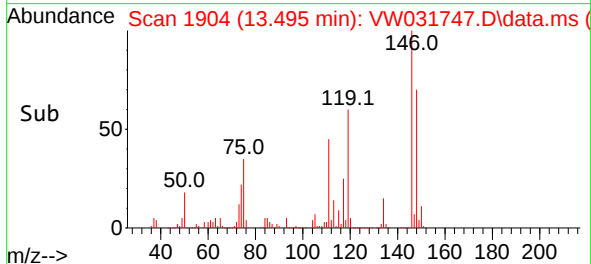
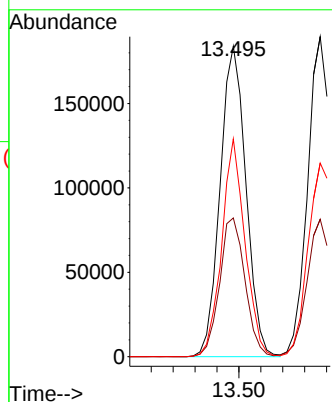
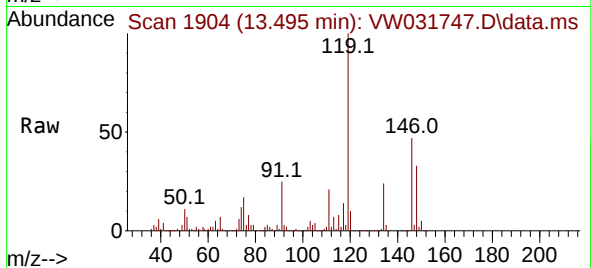
Tgt Ion:146 Resp: 301015

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.9

148 63.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.308 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

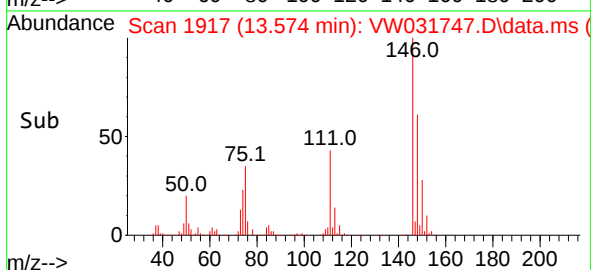
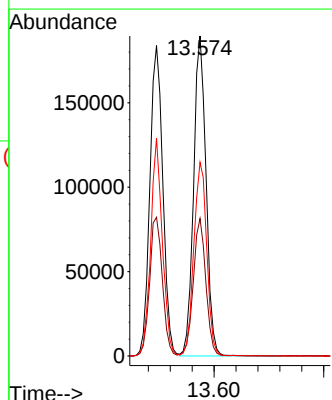
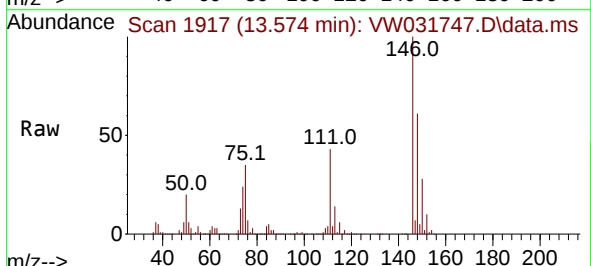
Tgt Ion:146 Resp: 300092

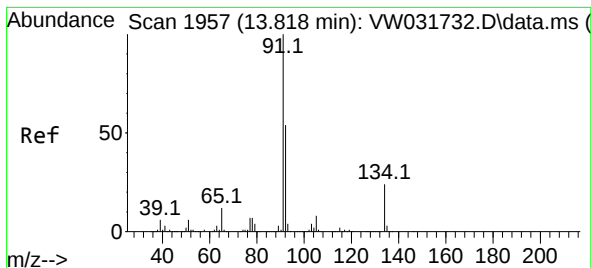
Ion Ratio Lower Upper

146 100

111 43.2 20.4 61.3

148 62.9 30.2 90.6





#89

n-Butylbenzene

Concen: 52.761 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

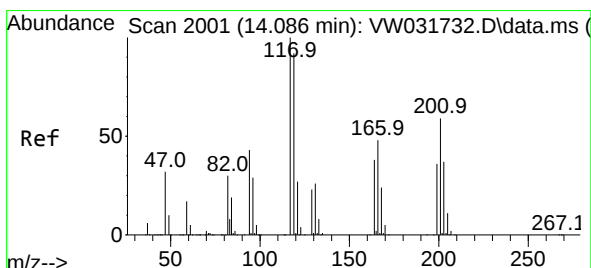
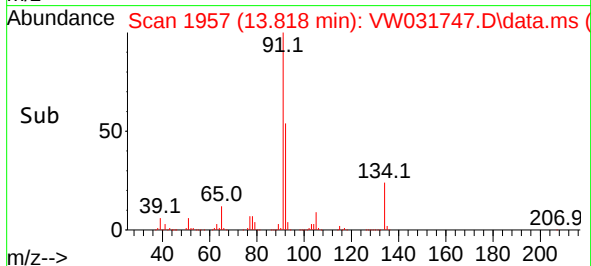
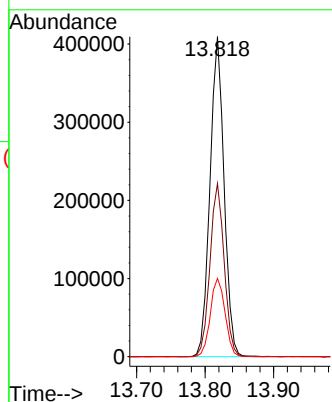
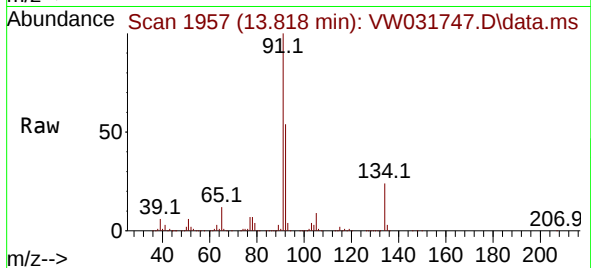
Tgt Ion: 91 Resp: 585834

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 25.6 12.2 36.6



#90

Hexachloroethane

Concen: 52.798 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031747.D

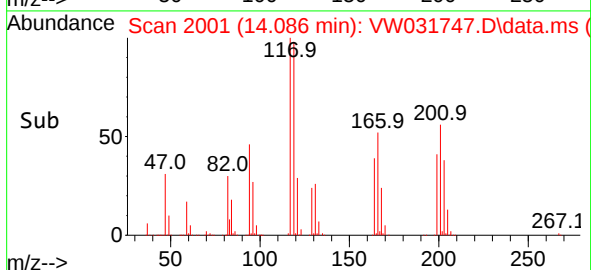
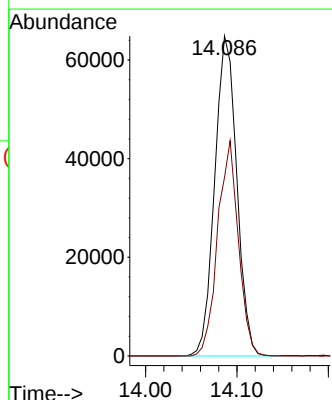
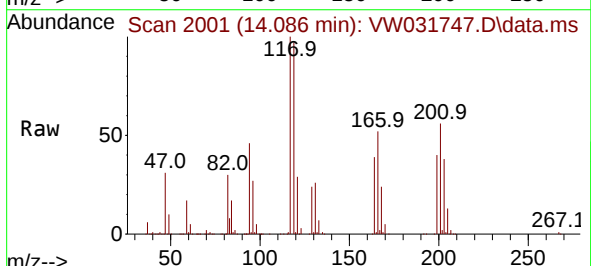
Acq: 02 Jul 2025 09:26

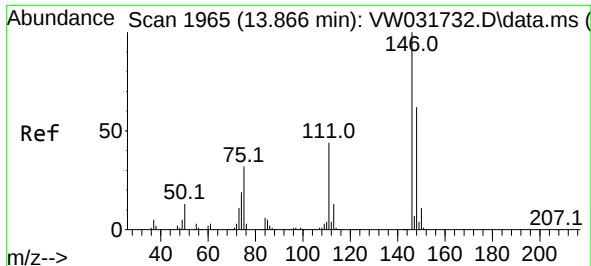
Tgt Ion: 117 Resp: 108854

Ion Ratio Lower Upper

117 100

201 63.3 31.1 93.3

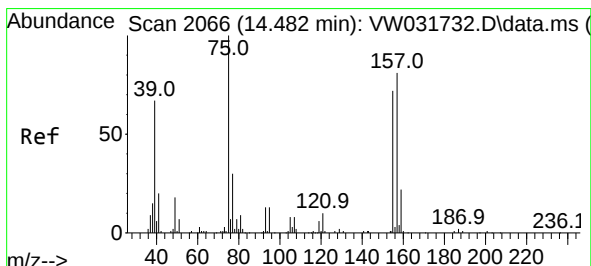
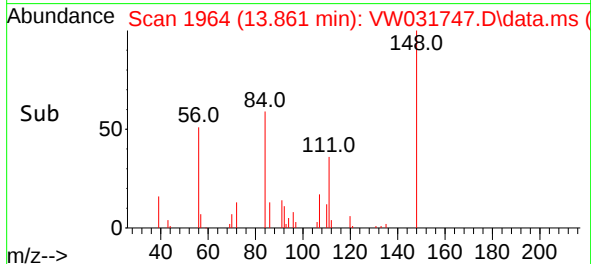
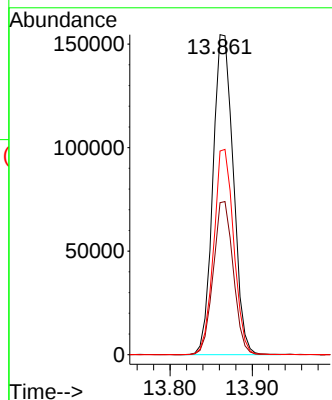
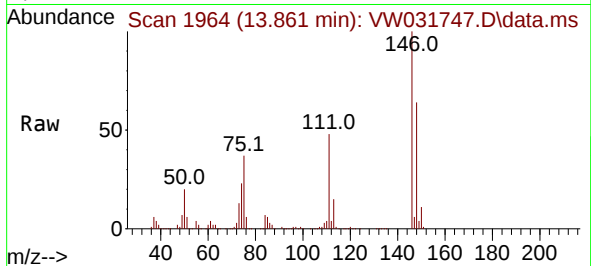




#91
1,2-Dichlorobenzene
Concen: 49.940 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

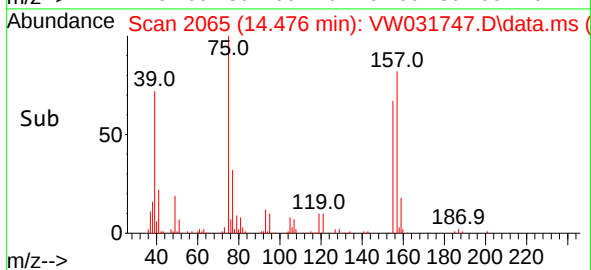
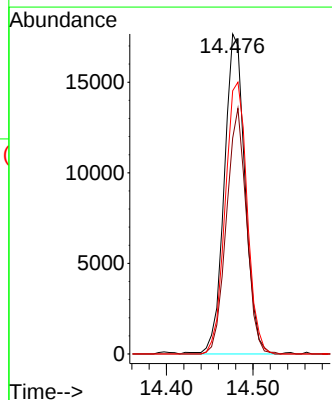
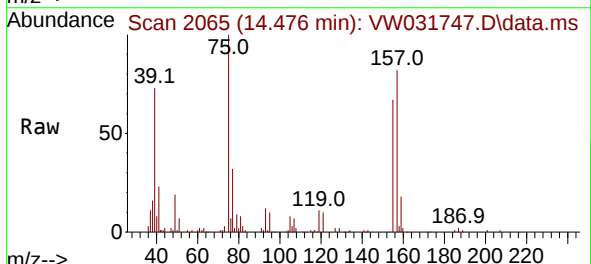
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

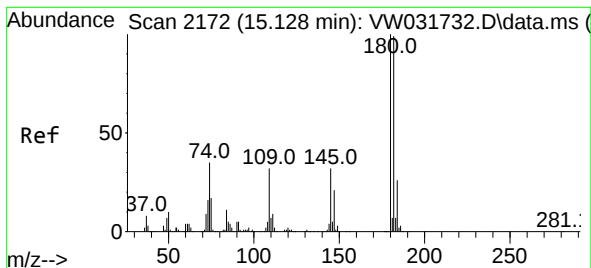
Tgt Ion:146 Resp: 266013
Ion Ratio Lower Upper
146 100
111 47.0 21.7 65.1
148 63.1 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.101 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031747.D
Acq: 02 Jul 2025 09:26

Tgt Ion: 75 Resp: 29427
Ion Ratio Lower Upper
75 100
155 74.0 37.2 111.6
157 89.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 50.790 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

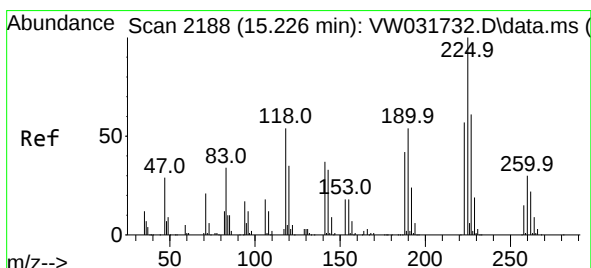
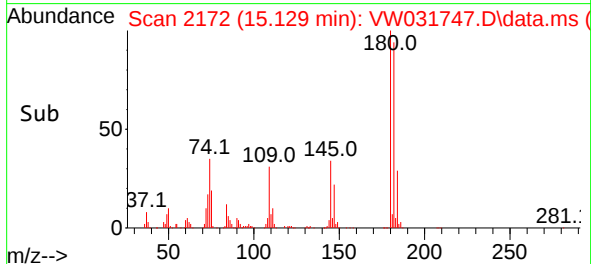
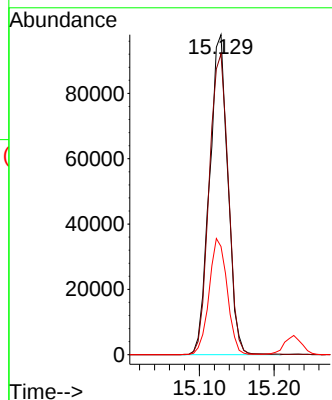
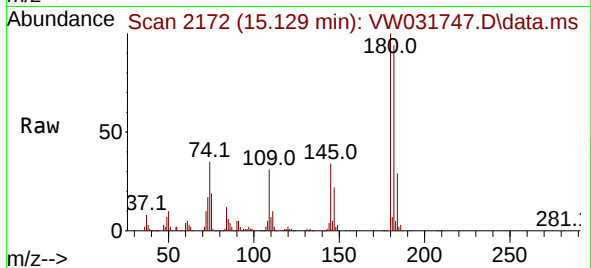
Tgt Ion:180 Resp: 166845

Ion Ratio Lower Upper

180 100

182 98.0 48.6 145.9

145 35.9 17.3 51.7



#94

Hexachlorobutadiene

Concen: 53.730 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

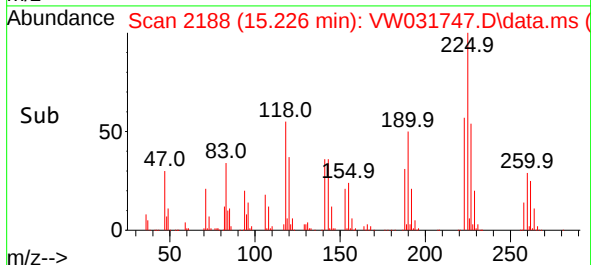
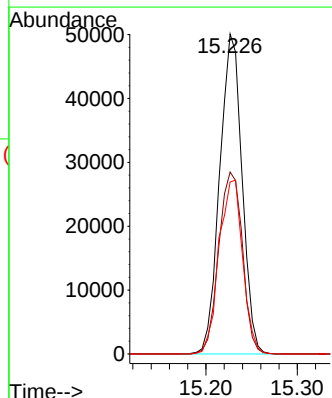
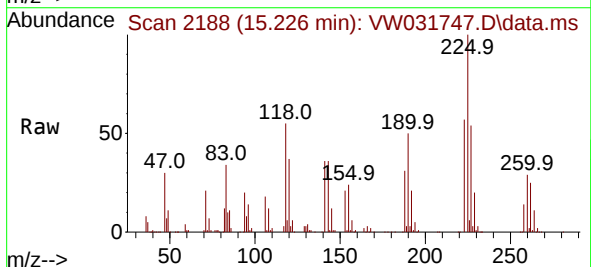
Tgt Ion:225 Resp: 85230

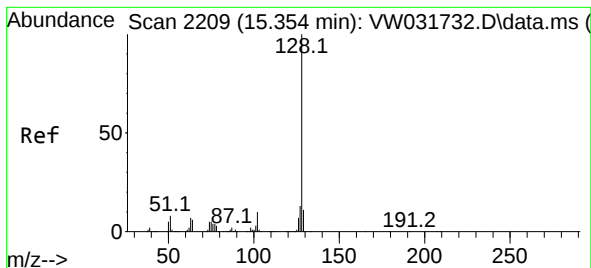
Ion Ratio Lower Upper

225 100

223 60.1 32.6 97.8

227 57.6 37.3 111.8





#95

Naphthalene

Concen: 52.326 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

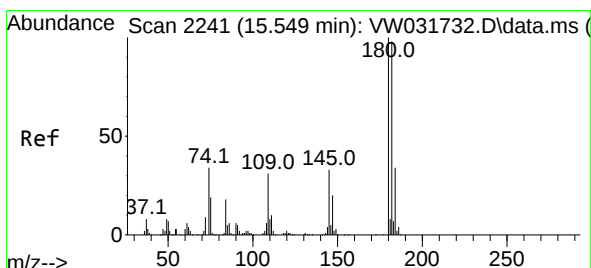
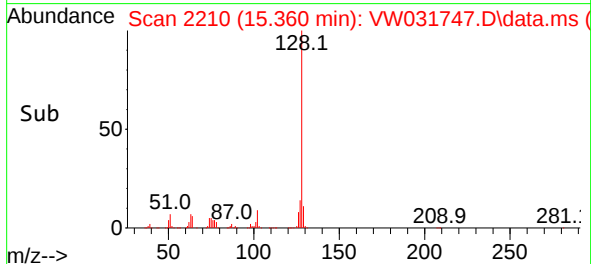
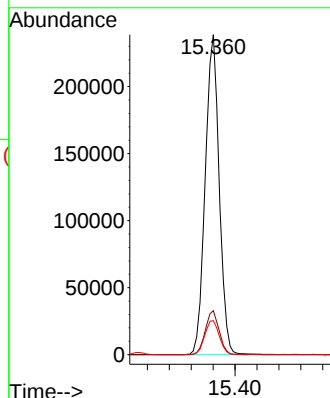
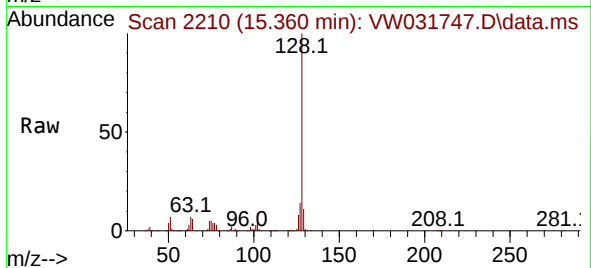
Tgt Ion:128 Resp: 421417

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.687 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031747.D

Acq: 02 Jul 2025 09:26

Tgt Ion:180 Resp: 159032

Ion Ratio Lower Upper

180 100

182 90.9 46.4 139.1

145 37.0 17.8 53.3

