

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031791.D
 Acq On : 10 Jul 2025 08:47
 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 11 02:14:34 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	7.965	168	245114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	431816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	372703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171584	48.778	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.560%
35) Dibromofluoromethane	7.898	113	142229	50.475	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.960%
50) Toluene-d8	10.325	98	531723	50.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.617	95	197999	51.310	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	81335	48.724	ug/l	100
3) Chloromethane	2.259	50	103069	51.214	ug/l	99
4) Vinyl Chloride	2.411	62	138364	52.307	ug/l	97
5) Bromomethane	2.832	94	98437	47.643	ug/l	98
6) Chloroethane	2.972	64	89799	49.977	ug/l	97
7) Trichlorofluoromethane	3.308	101	120660	50.227	ug/l	99
8) Diethyl Ether	3.722	74	91609	50.184	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.112	101	135020	50.636	ug/l	99
10) Methyl Iodide	4.307	142	203278	49.451	ug/l	100
11) Tert butyl alcohol	5.216	59	51199	234.934	ug/l	95
12) 1,1-Dichloroethene	4.082	96	147549	50.519	ug/l	95
13) Acrolein	3.929	56	54976	140.356	ug/l	97
14) Allyl chloride	4.710	41	234241	52.272	ug/l	99
15) Acrylonitrile	5.399	53	219796	244.849	ug/l	100
16) Acetone	4.161	43	213330	245.359	ug/l	98
17) Carbon Disulfide	4.423	76	385360	49.307	ug/l	99
18) Methyl Acetate	4.710	43	127191	51.186	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	270710	54.609	ug/l	99
20) Methylene Chloride	4.954	84	201763	59.333	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	156753	50.510	ug/l	93
22) Diisopropyl ether	6.338	45	487890	55.824	ug/l	98
23) Vinyl Acetate	6.283	43	1595365	267.247	ug/l	100
24) 1,1-Dichloroethane	6.246	63	296292	52.291	ug/l	99
25) 2-Butanone	7.191	43	295099	260.886	ug/l	99
26) 2,2-Dichloropropane	7.185	77	168976	51.113	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	187769	52.636	ug/l	100
28) Bromochloromethane	7.532	49	128678	51.462	ug/l	99
29) Tetrahydrofuran	7.551	42	195918	252.916	ug/l	98
30) Chloroform	7.691	83	312149	51.845	ug/l	99
31) Cyclohexane	7.971	56	252208	50.354	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	238332	51.366	ug/l	99
36) 1,1-Dichloropropene	8.093	75	218825	53.667	ug/l	99
37) Ethyl Acetate	7.270	43	126413	49.147	ug/l	99
38) Carbon Tetrachloride	8.081	117	219039	52.716	ug/l	99
39) Methylcyclohexane	9.343	83	274893	54.187	ug/l	99
40) Benzene	8.337	78	640183	53.067	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	74278	53.907	ug/l	96
42) 1,2-Dichloroethane	8.410	62	214834	52.705	ug/l	99
43) Isopropyl Acetate	8.435	43	235257	53.059	ug/l	99
44) Trichloroethene	9.099	130	150522	49.991	ug/l	96
45) 1,2-Dichloropropane	9.374	63	156663	53.733	ug/l	97
46) Dibromomethane	9.465	93	99819	53.029	ug/l	96
47) Bromodichloromethane	9.654	83	241552	54.724	ug/l	97
48) Methyl methacrylate	9.441	41	114242	52.401	ug/l	98
49) 1,4-Dioxane	9.465	88	23364	1059.780	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	674703	264.687	ug/l	100
52) Toluene	10.392	92	417758	54.087	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	232972	56.253	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	263620	56.150	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	130782	53.040	ug/l	97
56) Ethyl methacrylate	10.648	69	191318	57.193	ug/l	98
57) 1,3-Dichloropropane	10.934	76	234750	54.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	424465	230.437	ug/l	97
59) 2-Hexanone	10.971	43	473151	273.918	ug/l	99
60) Dibromochloromethane	11.129	129	157563	53.437	ug/l	97
61) 1,2-Dibromoethane	11.239	107	129900	52.626	ug/l	99
64) Tetrachloroethene	10.861	164	123056	50.476	ug/l	92
65) Chlorobenzene	11.660	112	445036	54.120	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	143400	54.724	ug/l	100
67) Ethyl Benzene	11.727	91	791900	55.536	ug/l	99
68) m/p-Xylenes	11.837	106	621844	113.445	ug/l	97
69) o-Xylene	12.166	106	291178	57.372	ug/l	97
70) Styrene	12.178	104	487219	55.530	ug/l	99
71) Bromoform	12.349	173	80971	51.797	ug/l #	99
73) Isopropylbenzene	12.458	105	751622	56.847	ug/l	100
74) N-amyl acetate	12.269	43	213716	59.970	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	160789	54.777	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	207841	92.528	ug/l	42
77) Bromobenzene	12.745	156	162590	55.136	ug/l	91
78) n-propylbenzene	12.800	91	919660	58.086	ug/l	98
79) 2-Chlorotoluene	12.891	91	543574	57.014	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	633002	57.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	54744	56.764	ug/l	98
82) 4-Chlorotoluene	12.989	91	560825	56.028	ug/l	98
83) tert-Butylbenzene	13.202	119	541064	57.715	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	635294	57.291	ug/l	99
85) sec-Butylbenzene	13.379	105	815956	57.987	ug/l	98
86) p-Isopropyltoluene	13.495	119	680929	58.717	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	311093	52.604	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	314021	51.878	ug/l	95
89) n-Butylbenzene	13.818	91	650184	57.705	ug/l	100
90) Hexachloroethane	14.092	117	114483	54.720	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	285982	52.908	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30074	52.471	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	183110	54.930	ug/l	93
94) Hexachlorobutadiene	15.226	225	88681	55.092	ug/l	92
95) Naphthalene	15.360	128	458410	56.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	167959	54.834	ug/l	97

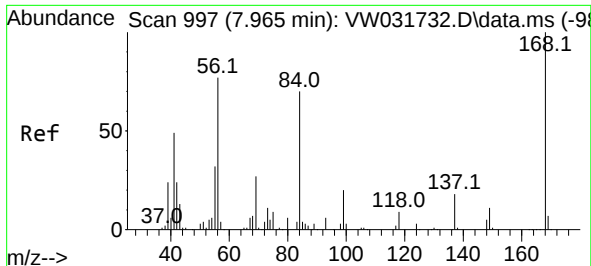
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QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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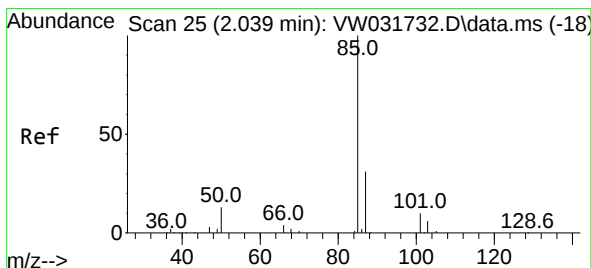
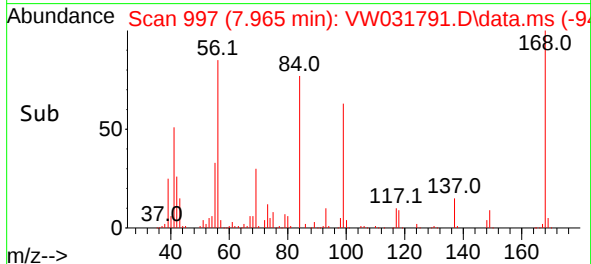
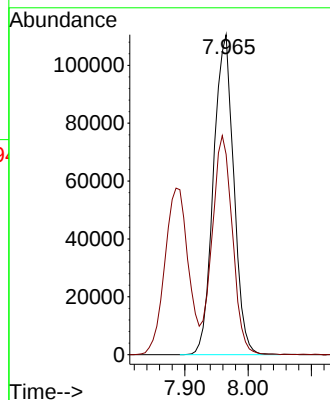
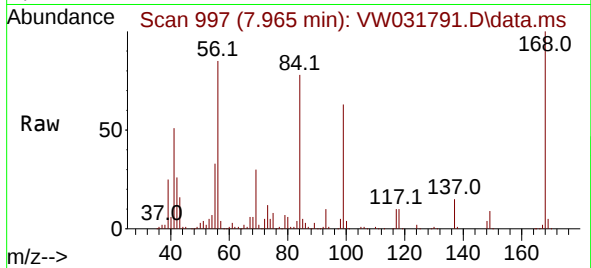
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

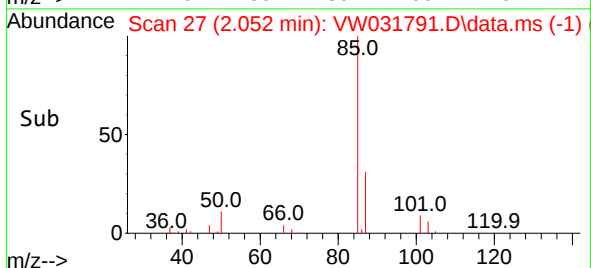
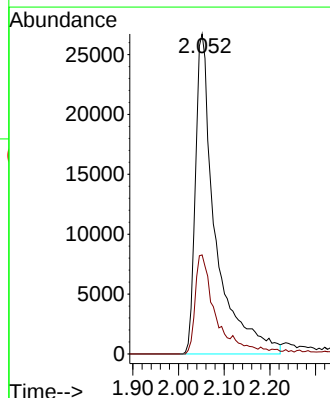
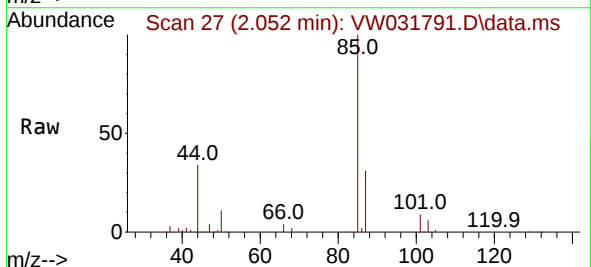
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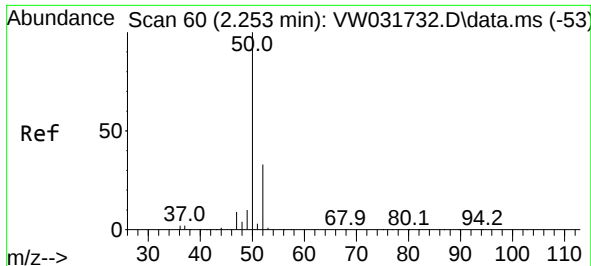
Tgt Ion:168 Resp: 245114
Ion Ratio Lower Upper
168 100
99 62.5 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 48.724 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 85 Resp: 81335
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.2

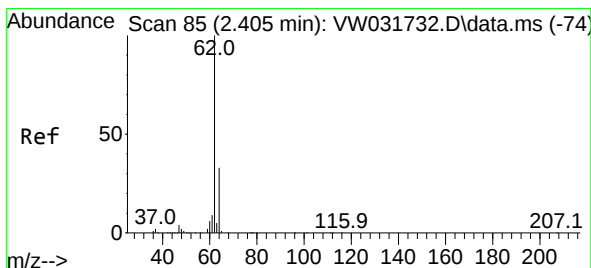
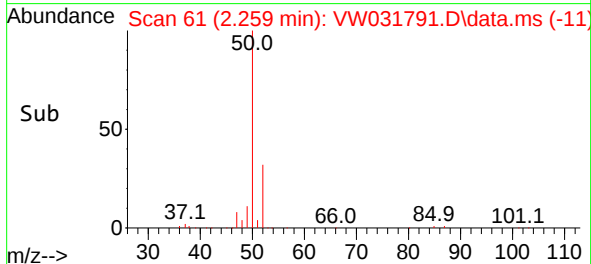
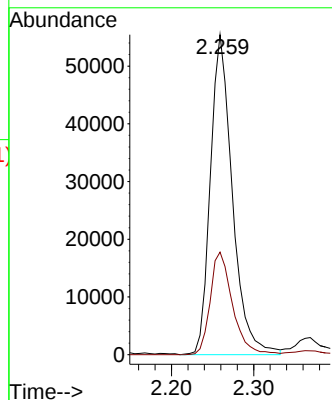
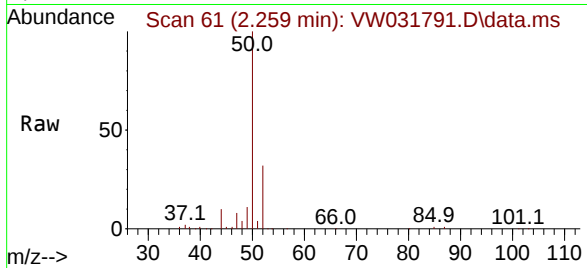




#3
Chloromethane
Concen: 51.214 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

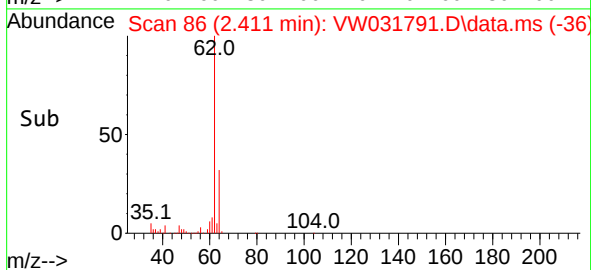
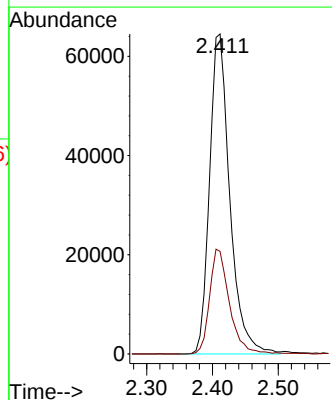
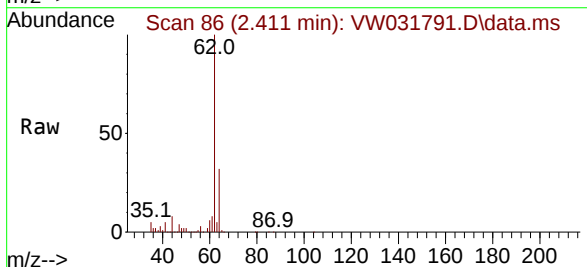
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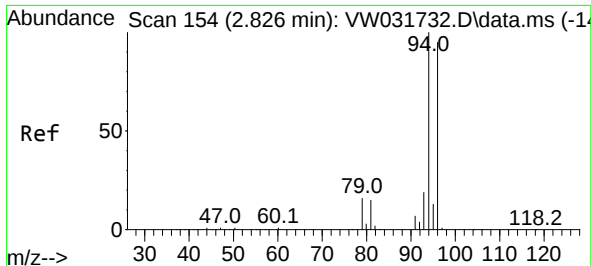
Tgt Ion: 50 Resp: 103069
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 52.307 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 62 Resp: 138364
Ion Ratio Lower Upper
62 100
64 32.0 26.8 40.2

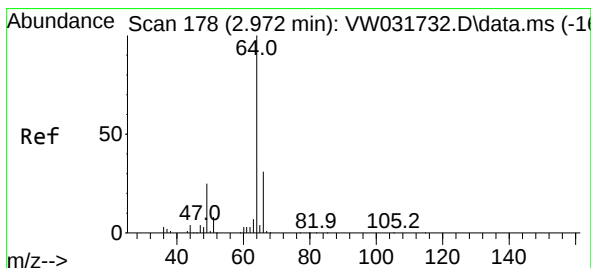
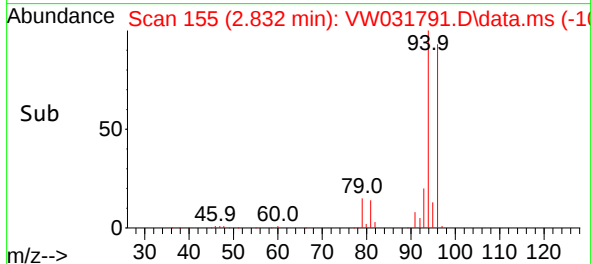
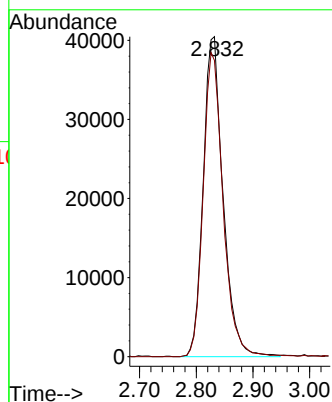
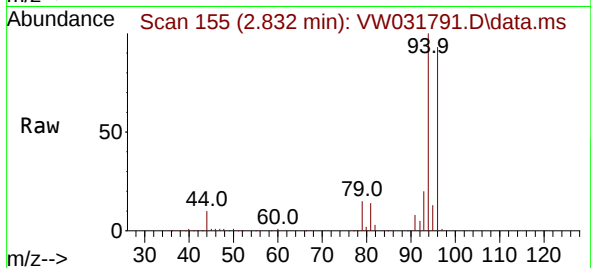




#5
Bromomethane
Concen: 47.643 ug/l
RT: 2.832 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

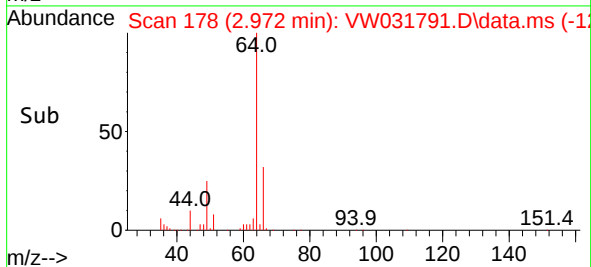
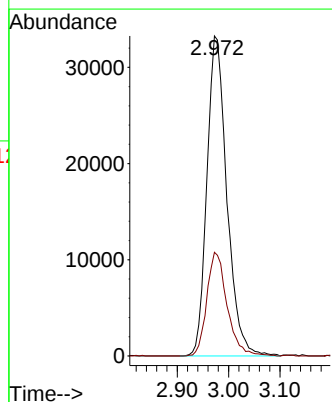
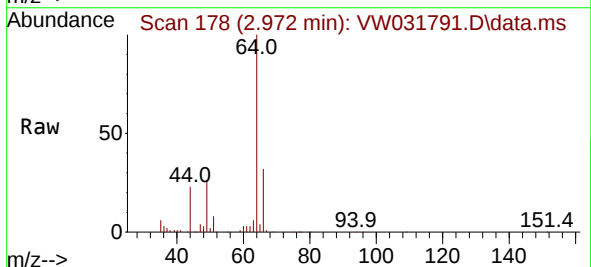
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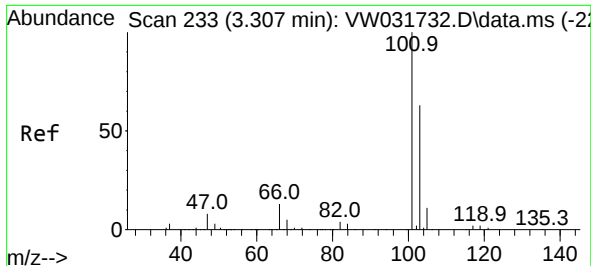
Tgt Ion: 94 Resp: 98437
Ion Ratio Lower Upper
94 100
96 92.6 75.6 113.4



#6
Chloroethane
Concen: 49.977 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 64 Resp: 89799
Ion Ratio Lower Upper
64 100
66 32.4 24.5 36.7

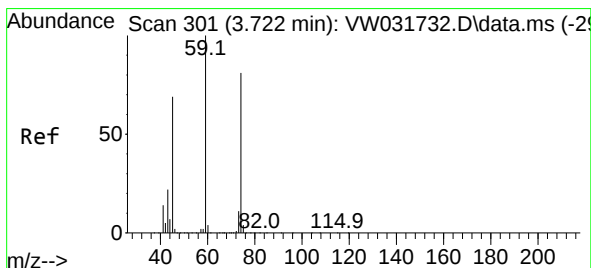
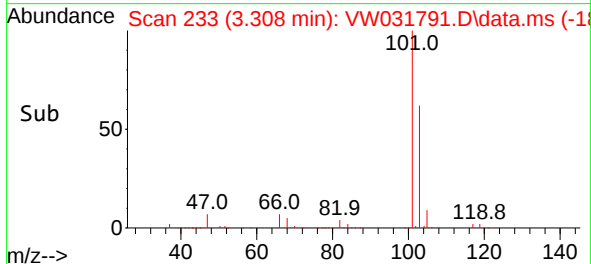
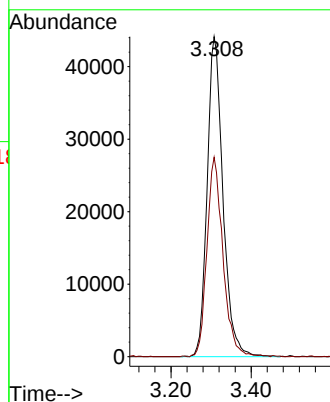
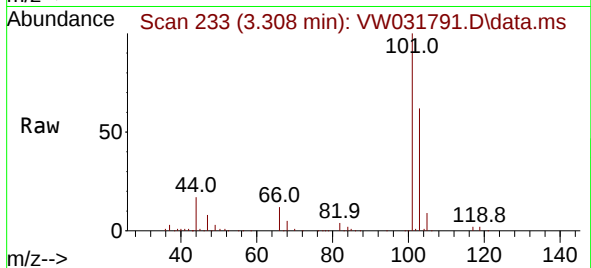




#7
 Trichlorofluoromethane
 Concen: 50.227 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

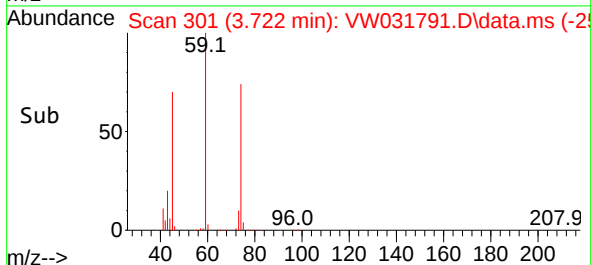
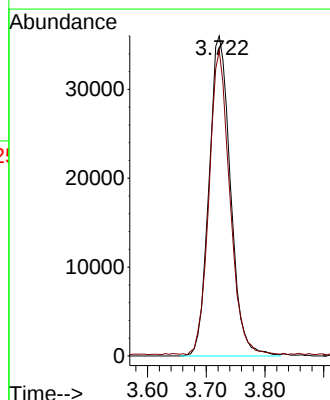
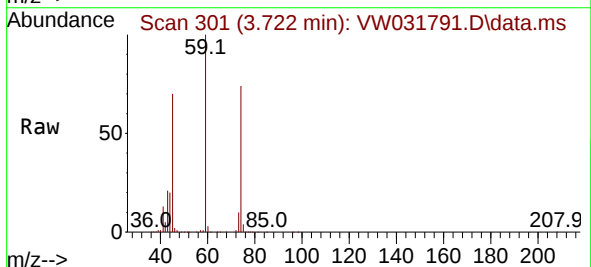
Instrument :
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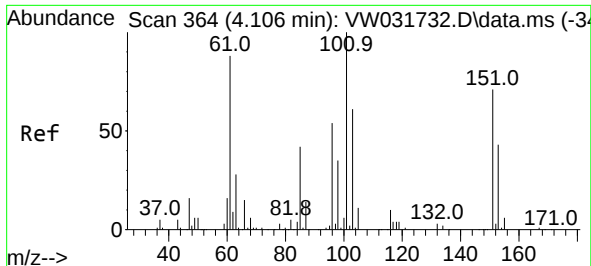
Tgt Ion:101 Resp: 120660
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.2 75.4



#8
 Diethyl Ether
 Concen: 50.184 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Tgt Ion: 74 Resp: 91609
 Ion Ratio Lower Upper
 74 100
 45 91.2 43.9 131.7

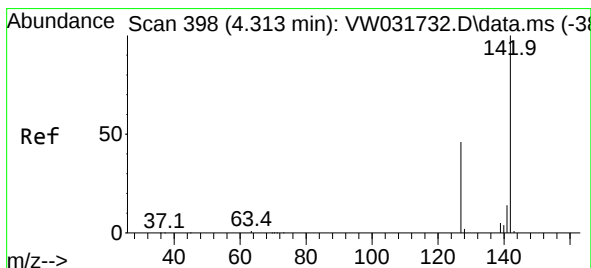
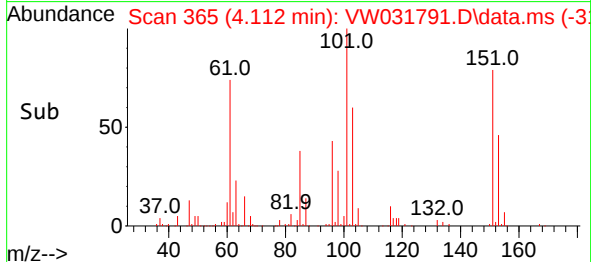
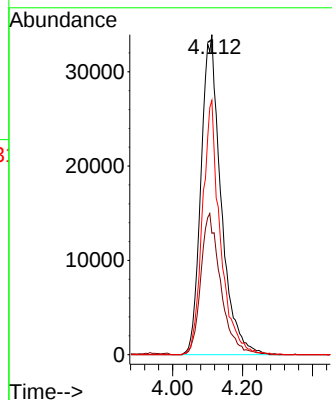
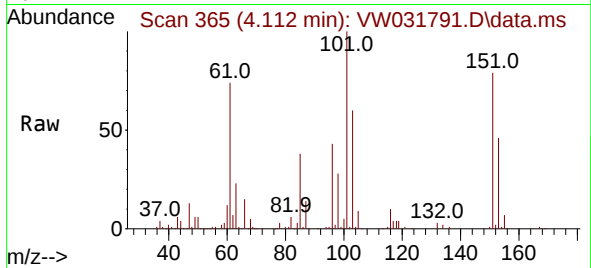




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.636 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW031791.D
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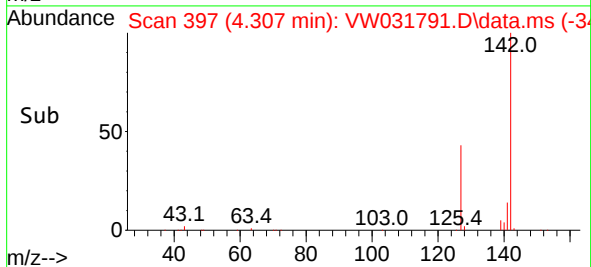
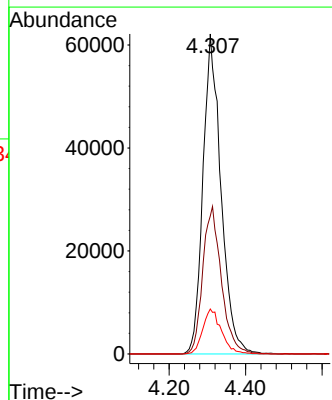
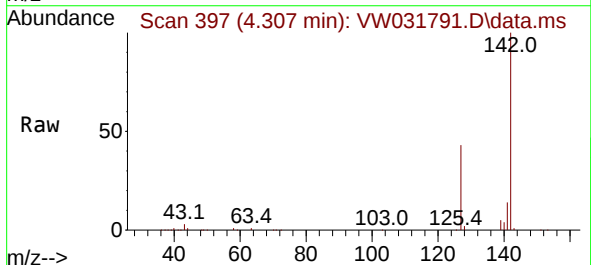
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

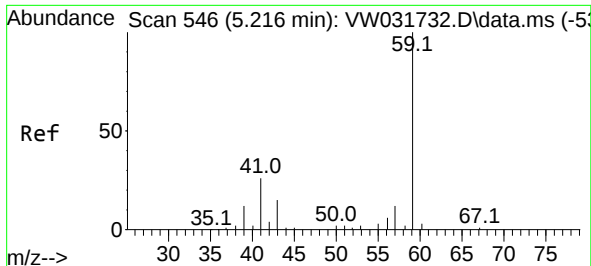
Tgt Ion:101 Resp: 135020
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 70.6 56.8 85.2



#10
Methyl Iodide
Concen: 49.451 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:142 Resp: 203278
Ion Ratio Lower Upper
142 100
127 47.5 37.9 56.9
141 14.5 11.7 17.5

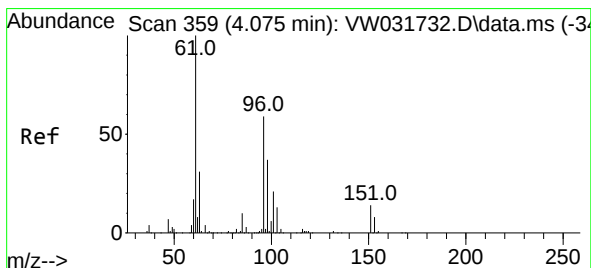
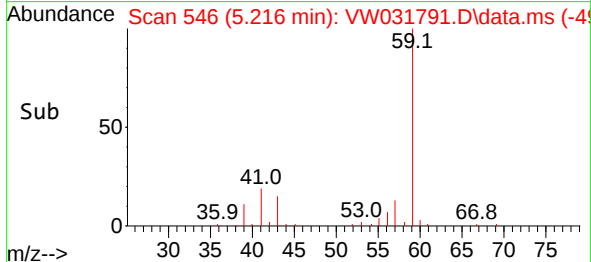
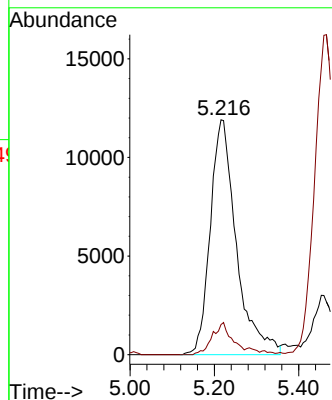
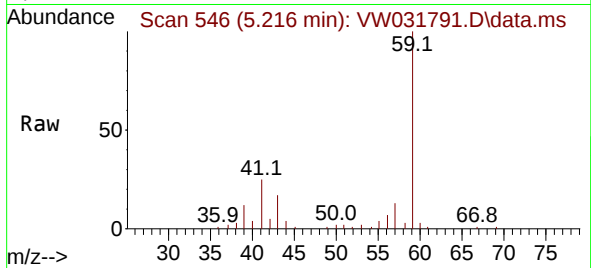




#11
Tert butyl alcohol
Concen: 234.934 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

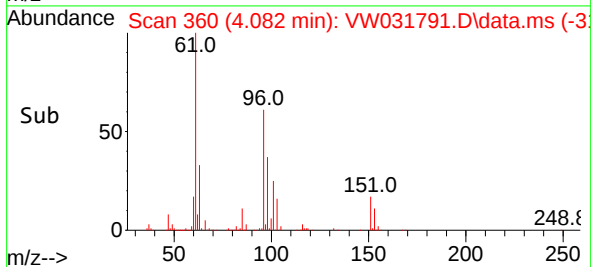
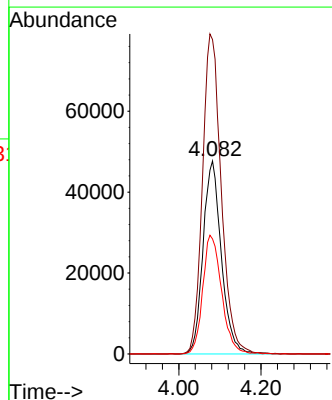
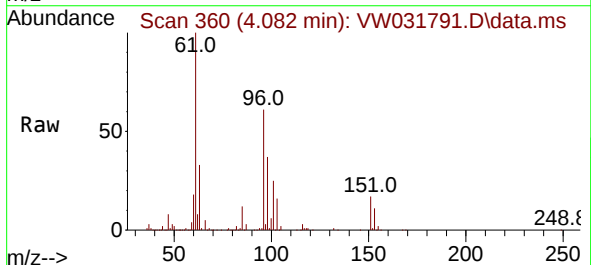
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

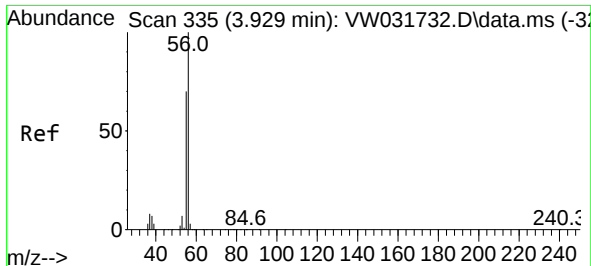
Tgt Ion: 59 Resp: 51199
Ion Ratio Lower Upper
59 100
57 10.1 9.5 14.3



#12
1,1-Dichloroethene
Concen: 50.519 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 96 Resp: 147549
Ion Ratio Lower Upper
96 100
61 162.9 135.8 203.8
98 59.6 50.4 75.6

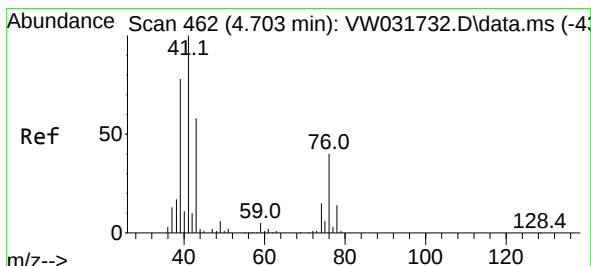
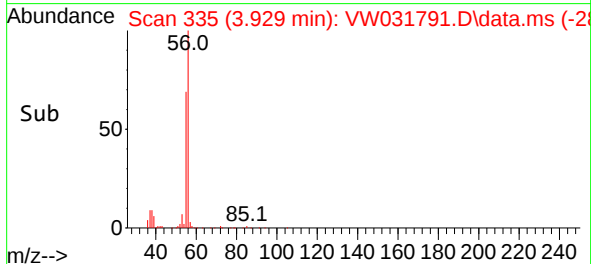
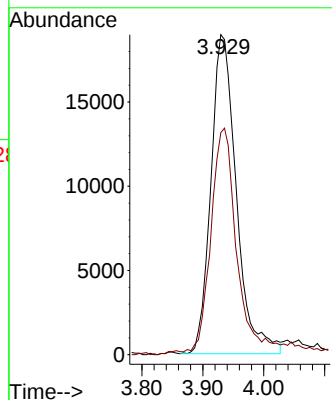
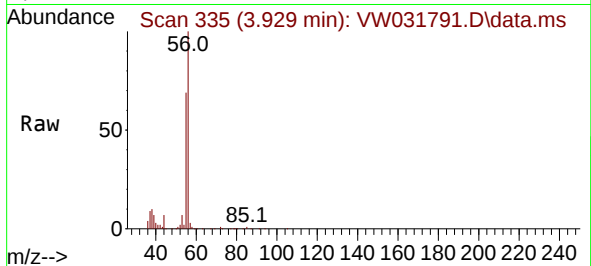




#13
Acrolein
Concen: 140.356 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

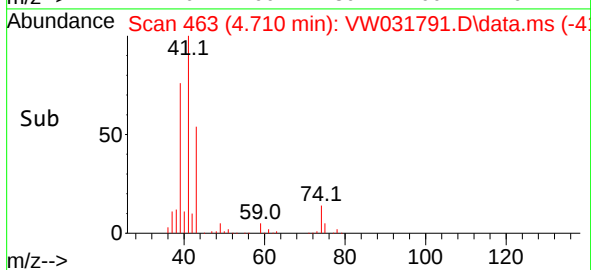
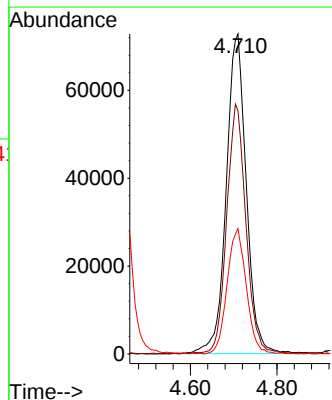
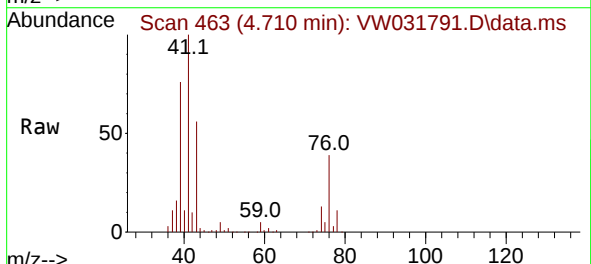
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 54976
Ion Ratio Lower Upper
56 100
55 69.8 54.0 81.0



#14
Allyl chloride
Concen: 52.272 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 41 Resp: 234241
Ion Ratio Lower Upper
41 100
39 74.8 60.7 91.1
76 37.7 30.3 45.5

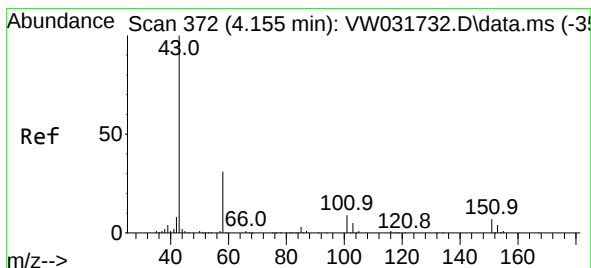
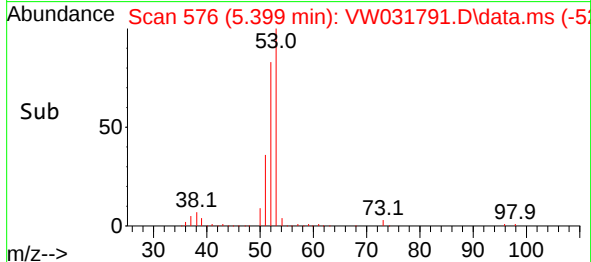
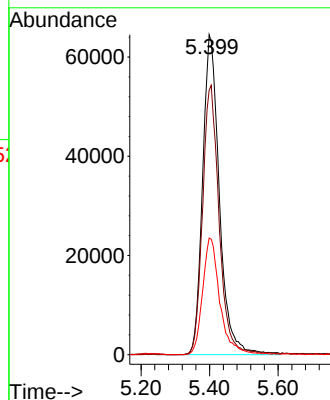
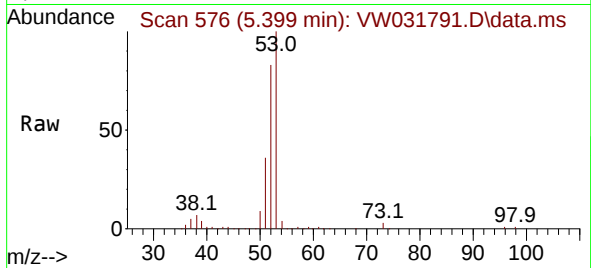




#15
Acrylonitrile
Concen: 244.849 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

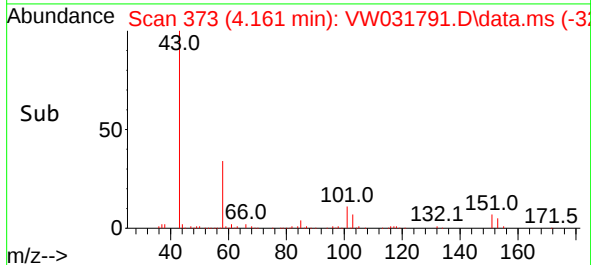
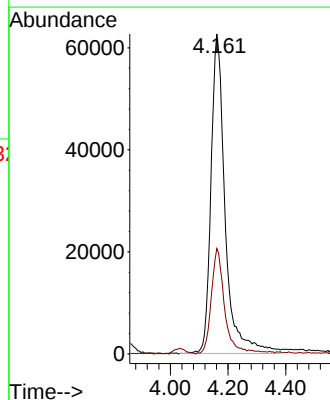
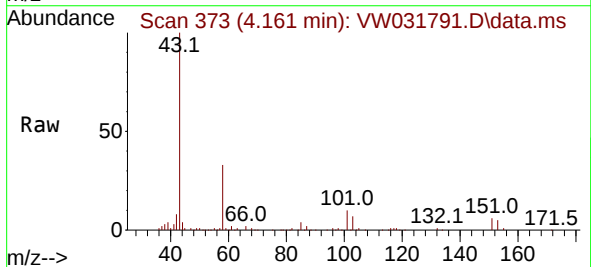
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

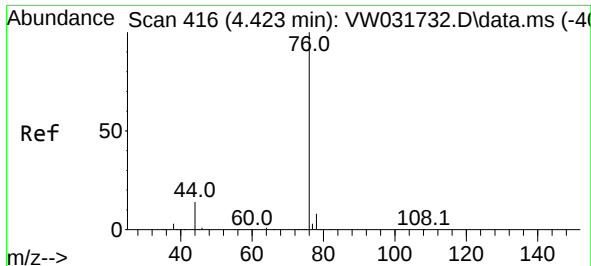
Tgt Ion: 53 Resp: 219796
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 37.5 29.9 44.9



#16
Acetone
Concen: 245.359 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 43 Resp: 213330
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2

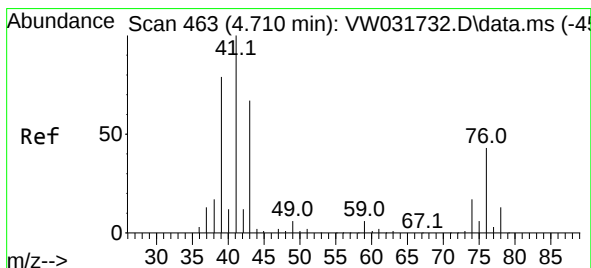
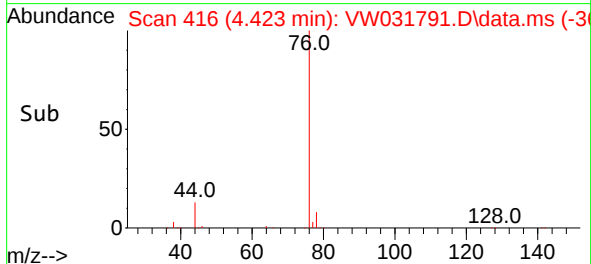
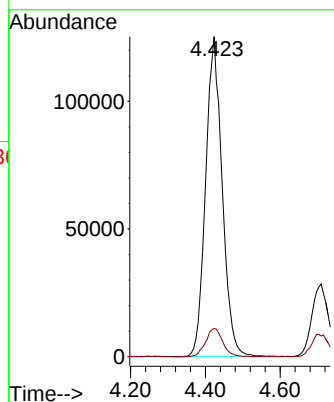
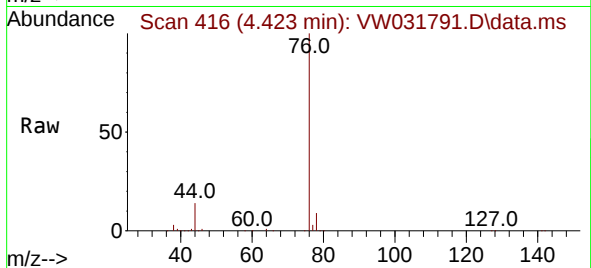




#17
Carbon Disulfide
Concen: 49.307 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

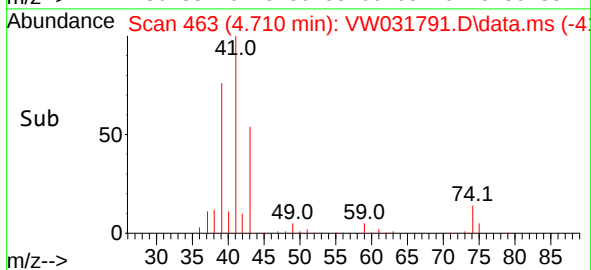
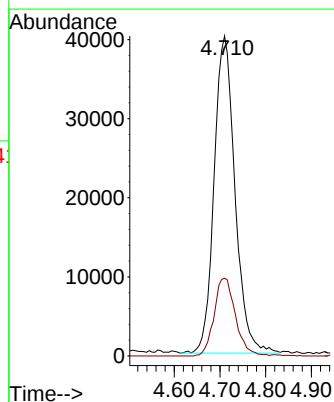
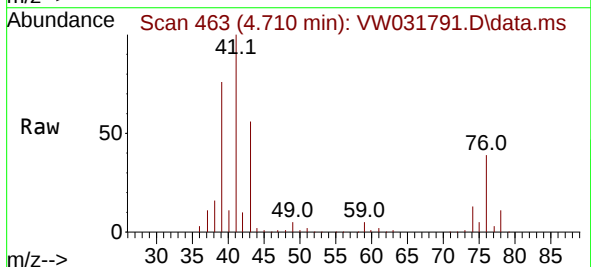
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 385360
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 51.186 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 43 Resp: 127191
Ion Ratio Lower Upper
43 100
74 25.0 20.6 30.8

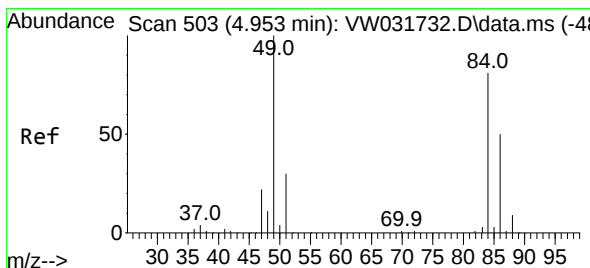
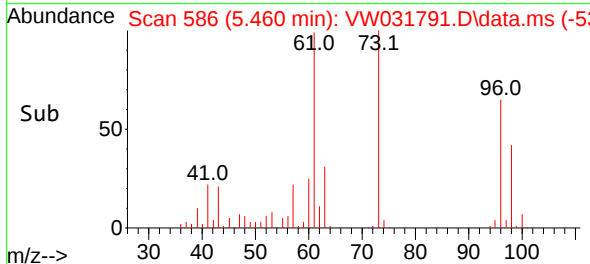
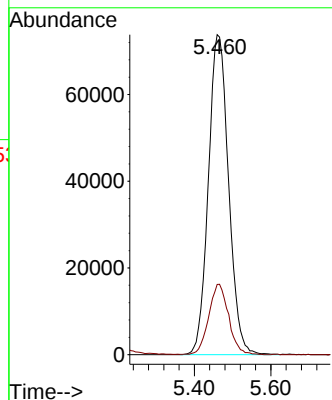
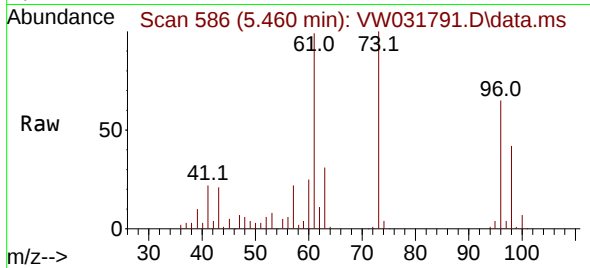




#19
Methyl tert-butyl Ether
Concen: 54.609 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

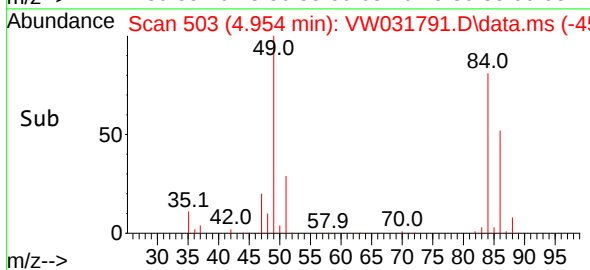
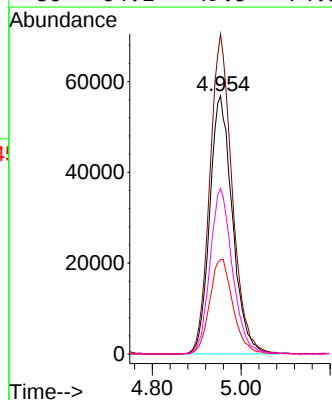
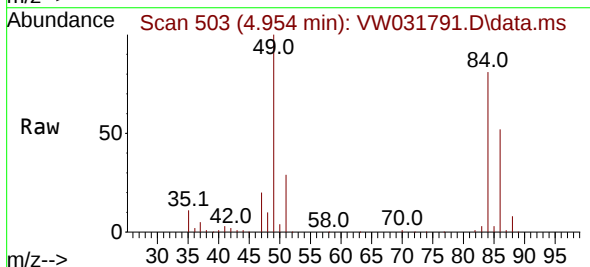
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

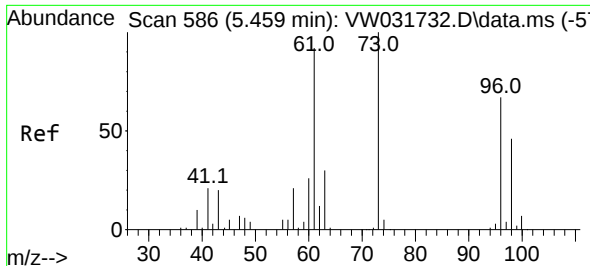
Tgt Ion: 73 Resp: 270710
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 59.333 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 84 Resp: 201763
Ion Ratio Lower Upper
84 100
49 124.0 98.2 147.4
51 36.5 29.8 44.8
86 64.1 49.5 74.3

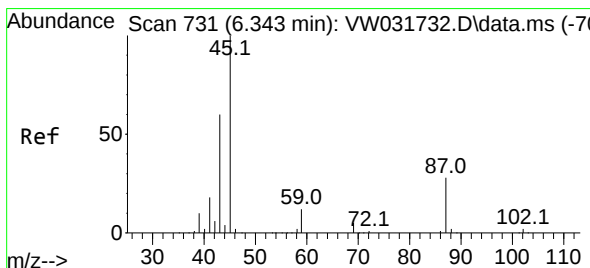
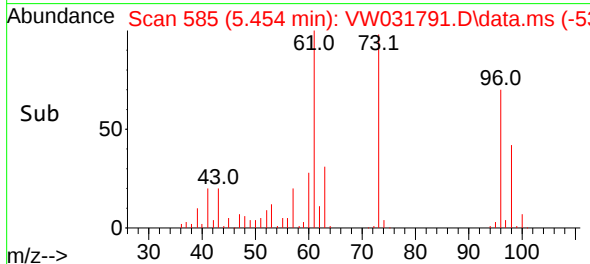
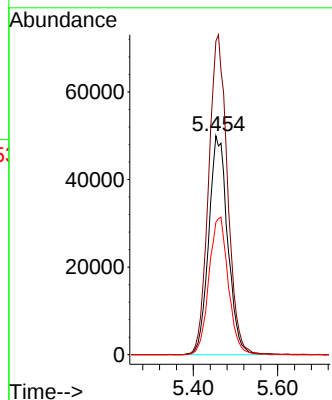
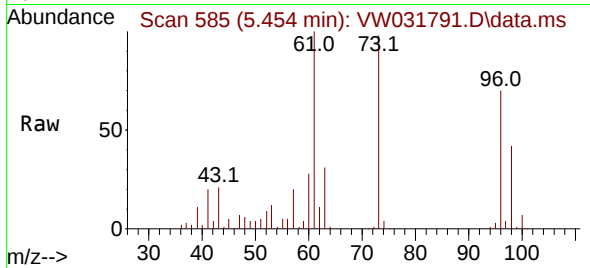




#21
trans-1,2-Dichloroethene
Concen: 50.510 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

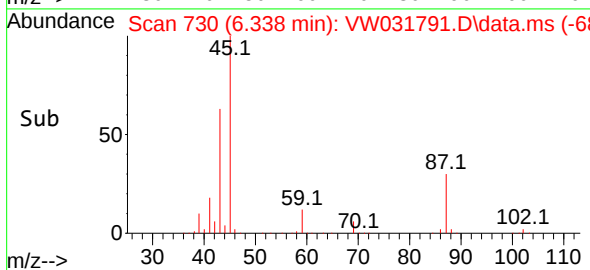
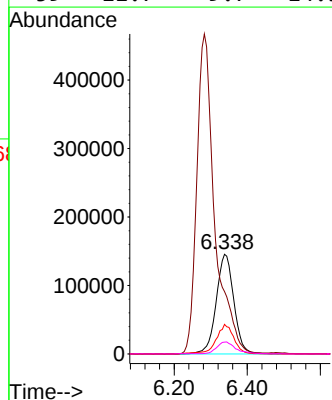
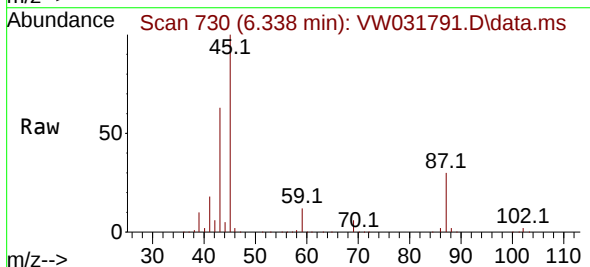
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

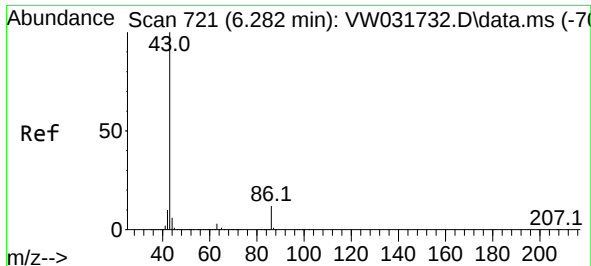
Tgt Ion: 96 Resp: 156753
Ion Ratio Lower Upper
96 100
61 143.3 109.8 164.6
98 60.6 54.9 82.3



#22
Diisopropyl ether
Concen: 55.824 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 45 Resp: 487890
Ion Ratio Lower Upper
45 100
43 62.4 48.3 72.5
87 29.6 22.6 34.0
59 11.7 9.7 14.5

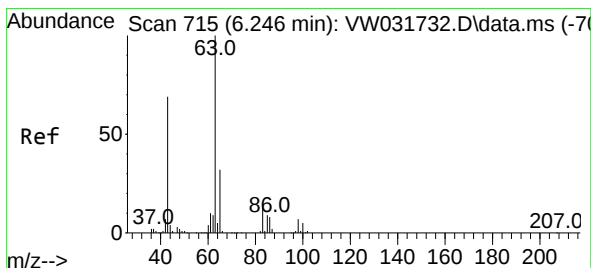
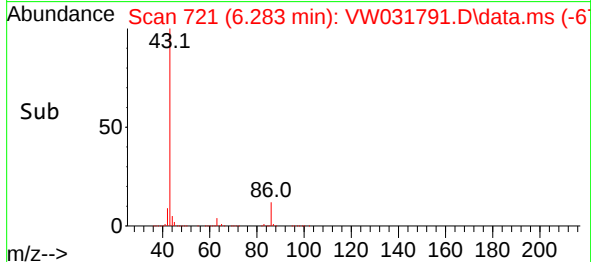
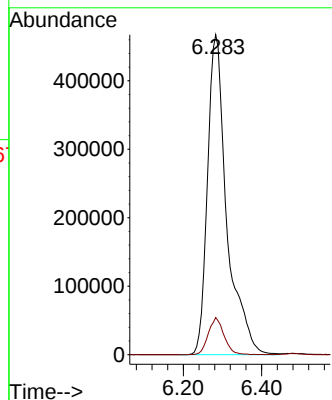
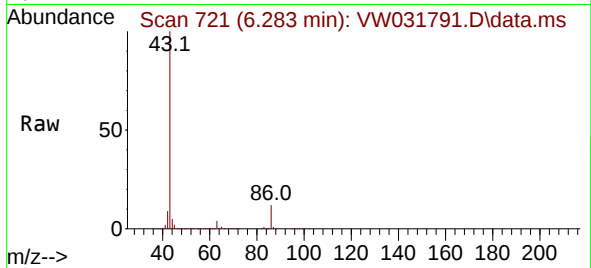




#23
 Vinyl Acetate
 Concen: 267.247 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

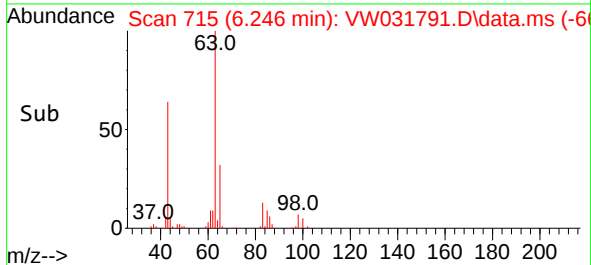
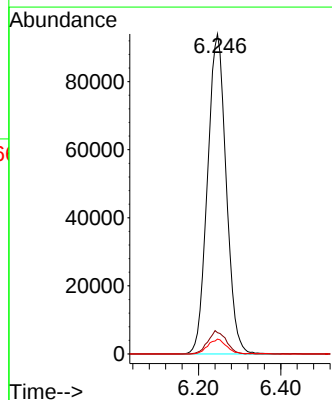
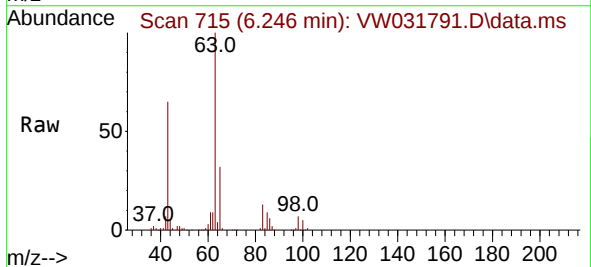
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

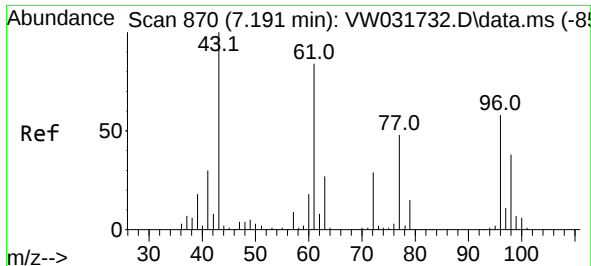
Tgt Ion: 43 Resp: 1595365
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 52.291 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Tgt Ion: 63 Resp: 296292
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.6 2.5 7.5

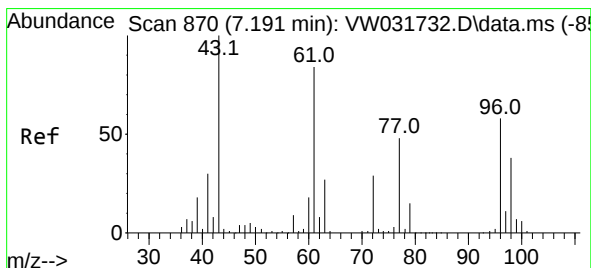
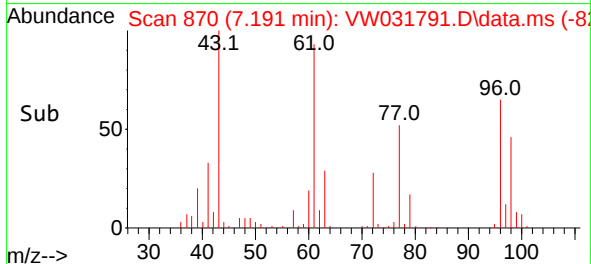
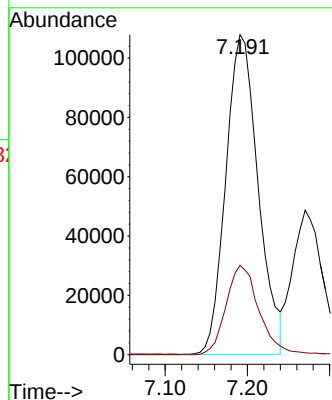
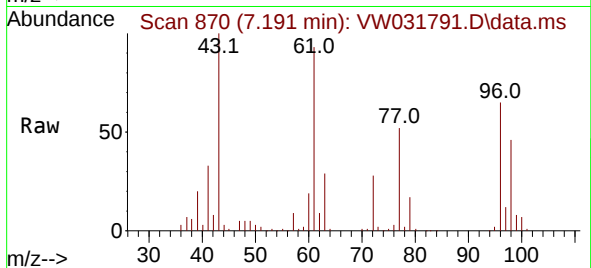




#25
2-Butanone
Concen: 260.886 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

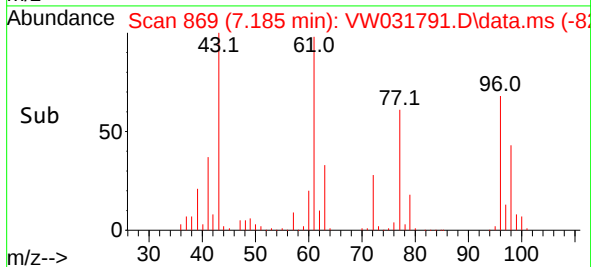
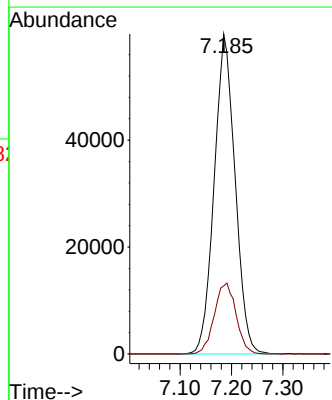
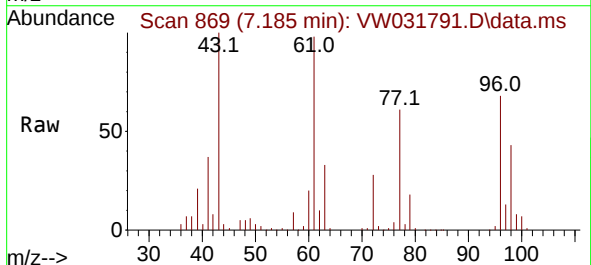
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

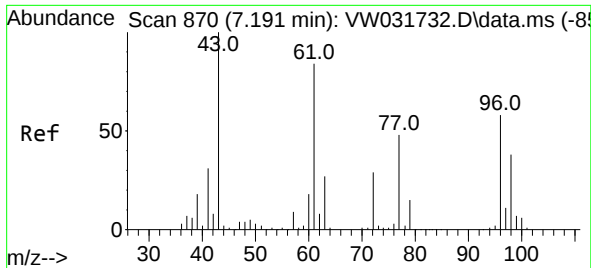
Tgt Ion: 43 Resp: 295099
Ion Ratio Lower Upper
43 100
72 28.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 51.113 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 77 Resp: 168976
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7



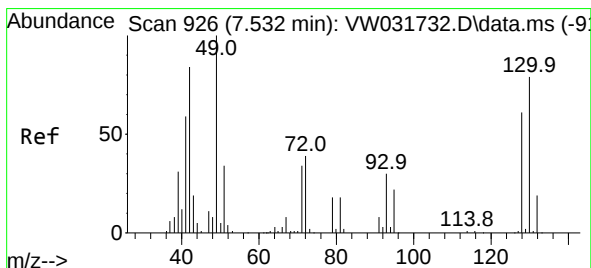
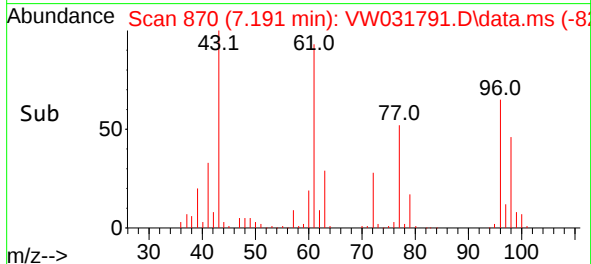
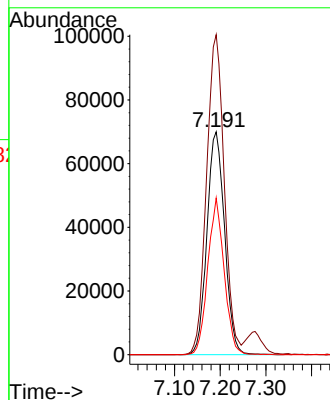
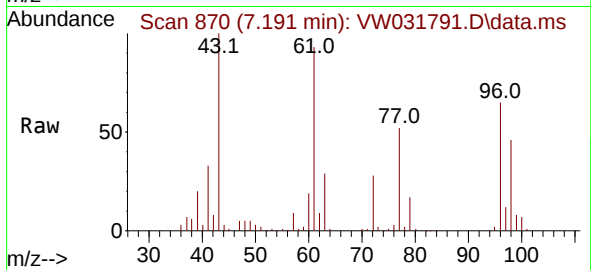


#27
 cis-1,2-Dichloroethene
 Concen: 52.636 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 187769

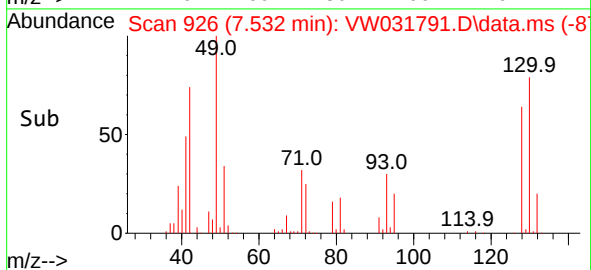
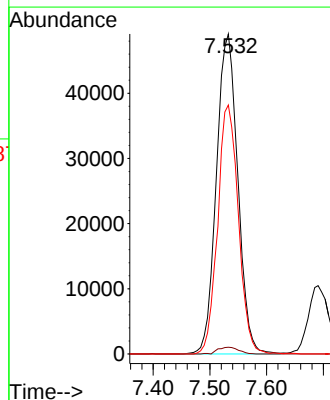
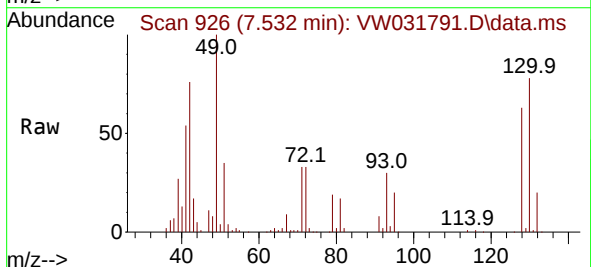
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	286.8
98	65.2	0.0	130.4

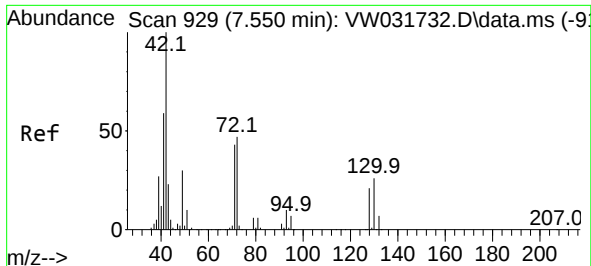


#28
 Bromochloromethane
 Concen: 51.462 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Tgt Ion: 49 Resp: 128678

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.4
130	75.3	61.3	91.9





#29

Tetrahydrofuran

Concen: 252.916 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

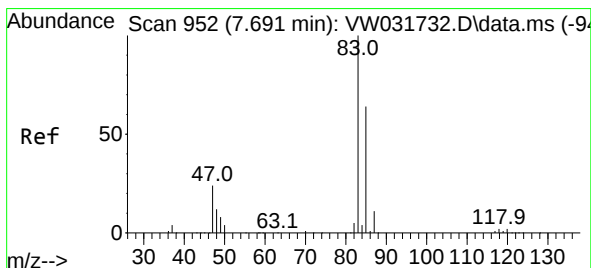
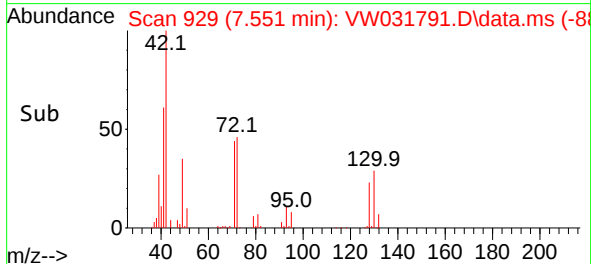
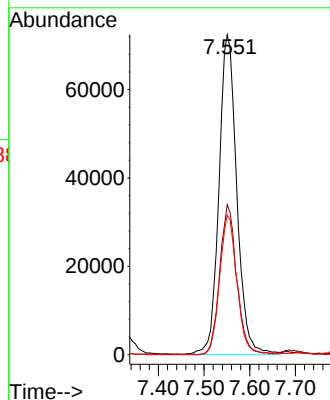
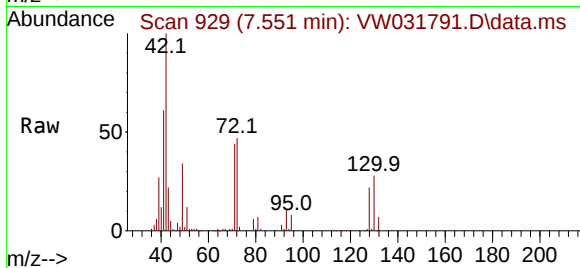
Tgt Ion: 42 Resp: 195918

Ion Ratio Lower Upper

42 100

72 44.8 36.8 55.2

71 42.4 34.6 52.0



#30

Chloroform

Concen: 51.845 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031791.D

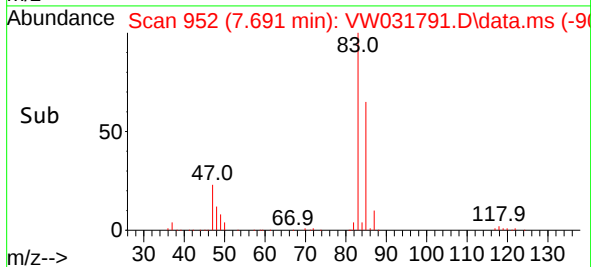
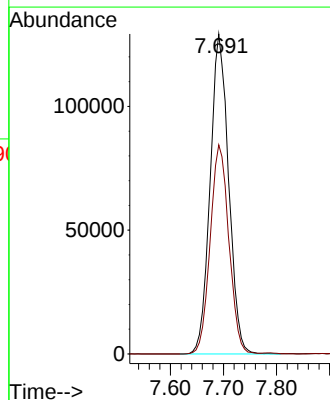
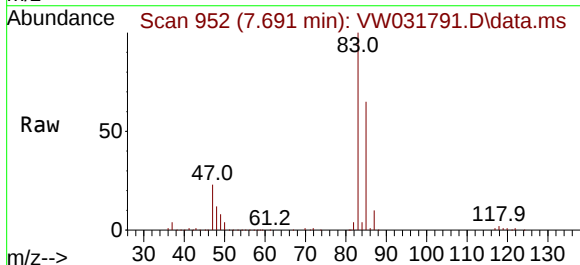
Acq: 10 Jul 2025 08:47

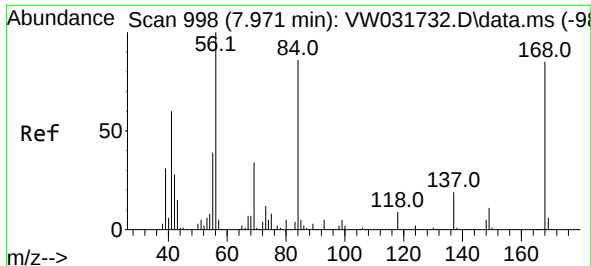
Tgt Ion: 83 Resp: 312149

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0

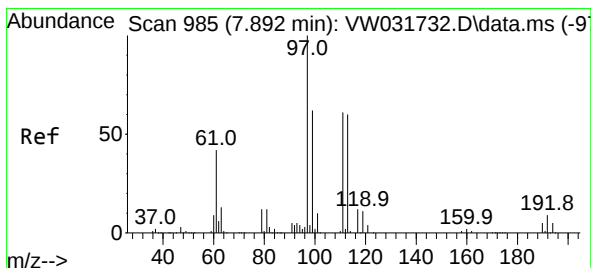
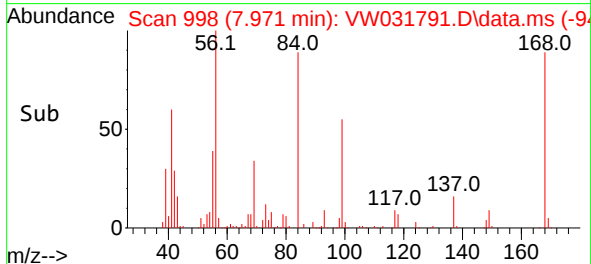
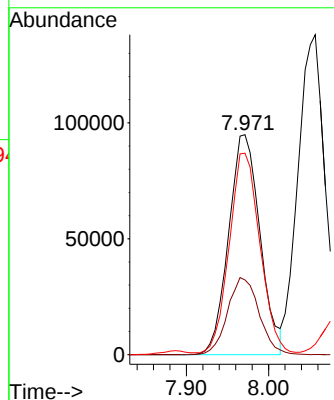
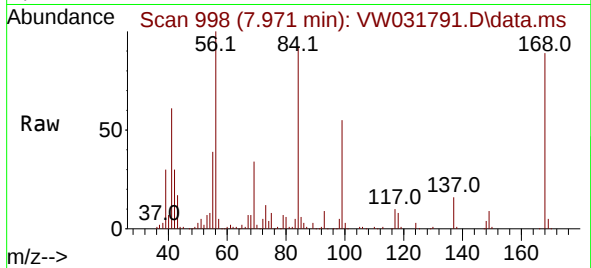




#31
Cyclohexane
Concen: 50.354 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

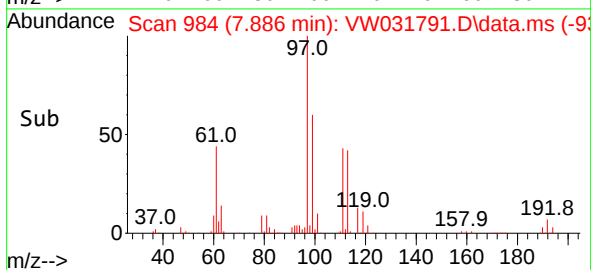
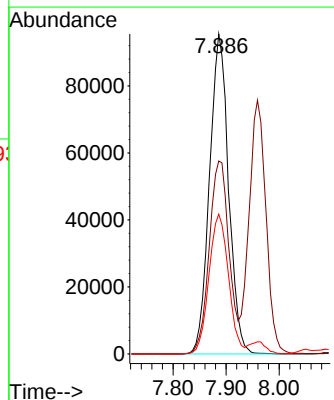
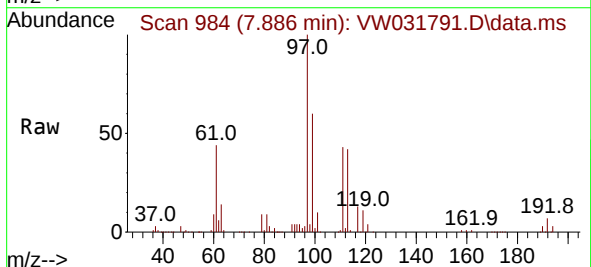
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

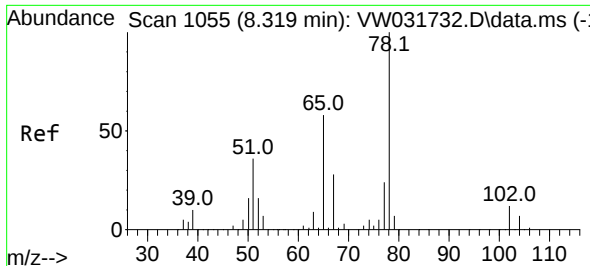
Tgt Ion: 56 Resp: 252208
Ion Ratio Lower Upper
56 100
69 34.0 27.2 40.8
84 89.9 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 51.366 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 97 Resp: 238332
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.6
61 44.9 36.0 54.0

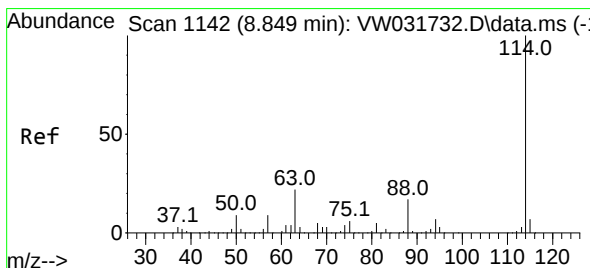
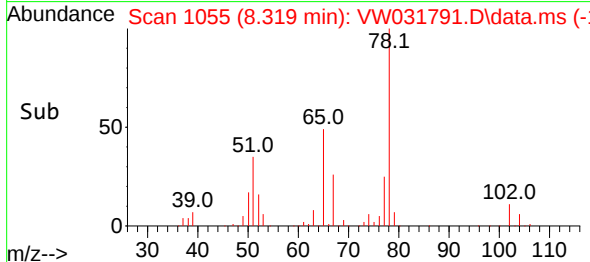
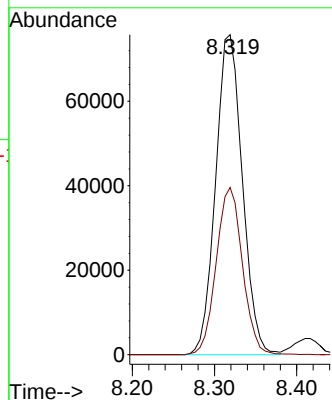
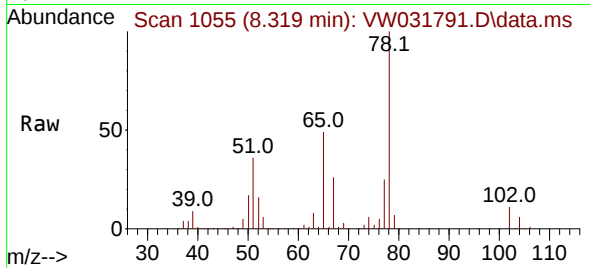




#33
 1,2-Dichloroethane-d4
 Concen: 48.778 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

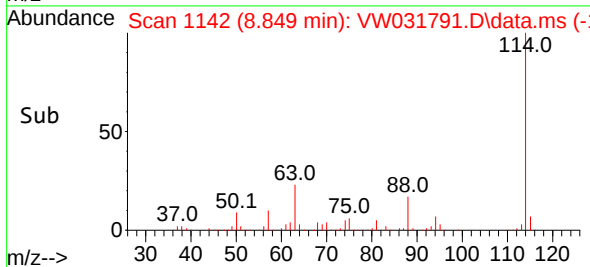
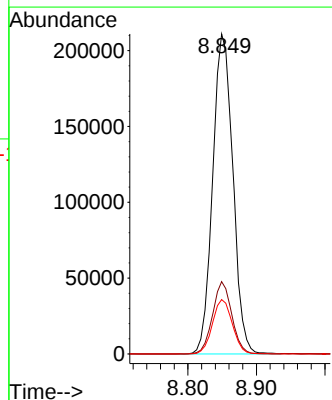
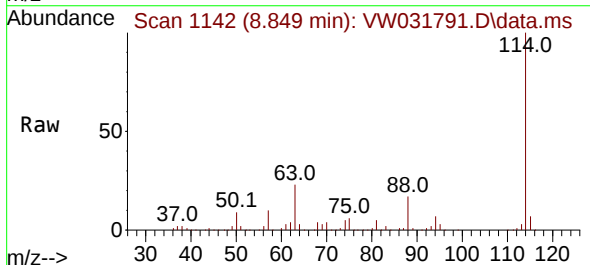
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

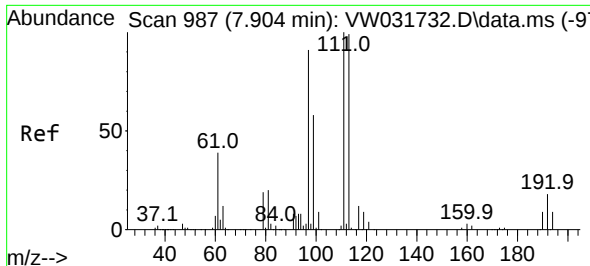
Tgt Ion: 65 Resp: 171584
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Tgt Ion: 114 Resp: 431816
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.6
 88 17.0 0.0 34.2

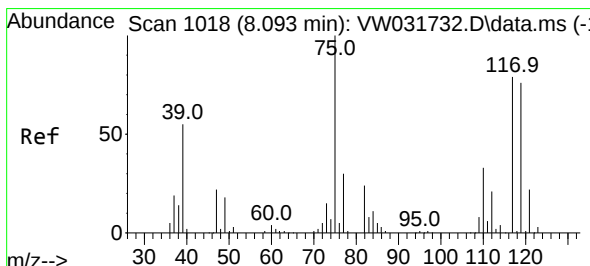
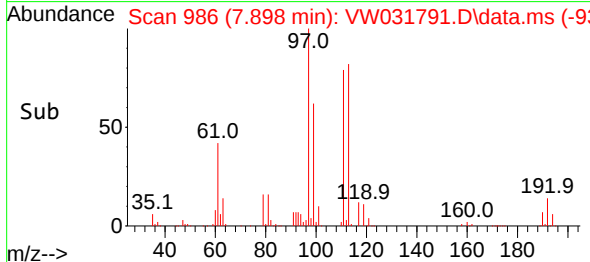
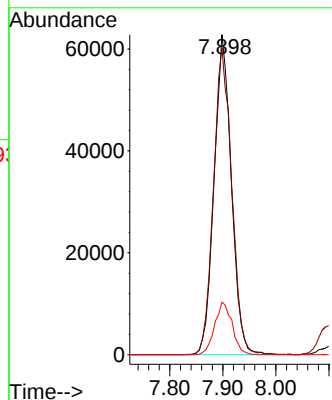
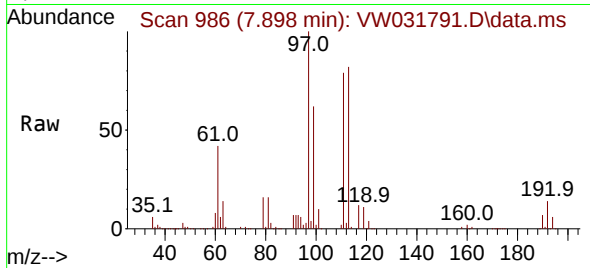




#35
Dibromofluoromethane
Concen: 50.475 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

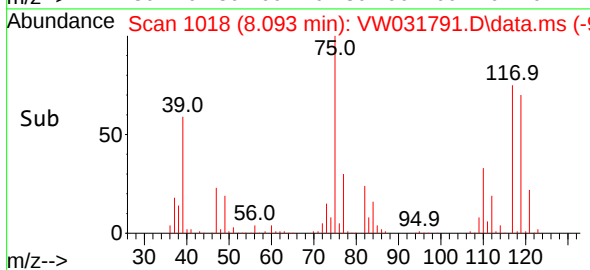
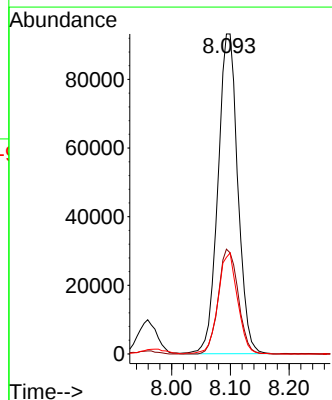
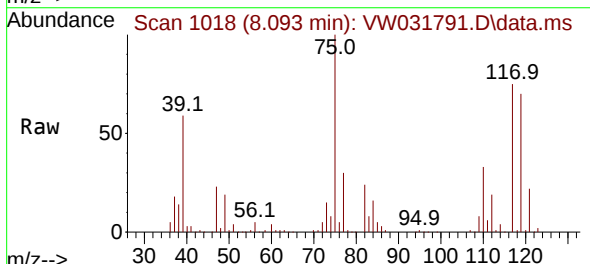
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

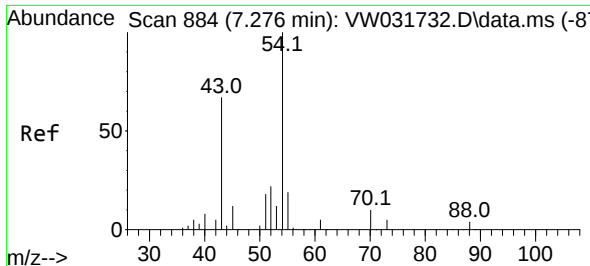
Tgt Ion:113 Resp: 142229
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 16.6 13.8 20.6



#36
1,1-Dichloropropene
Concen: 53.667 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 75 Resp: 218825
Ion Ratio Lower Upper
75 100
110 32.9 16.8 50.4
77 31.1 25.0 37.6

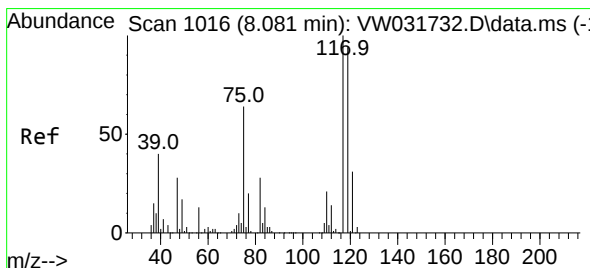
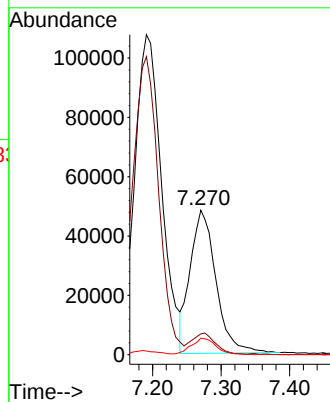
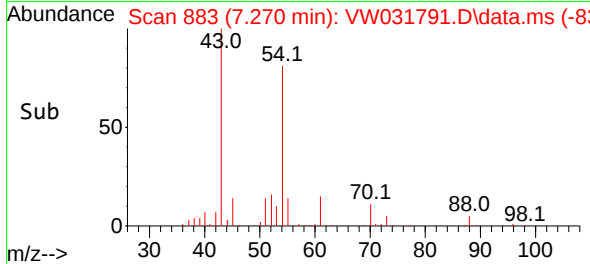
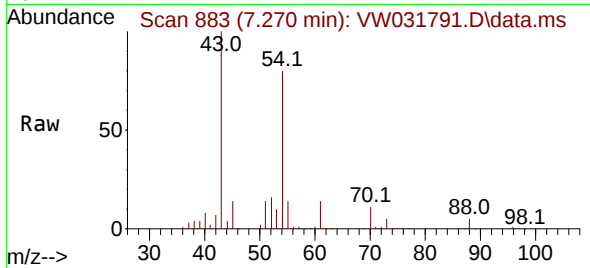




#37
Ethyl Acetate
Concen: 49.147 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

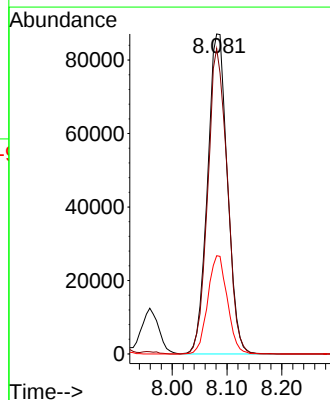
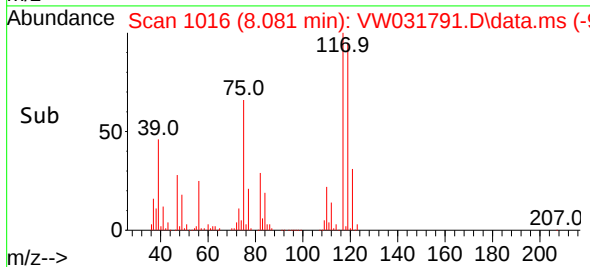
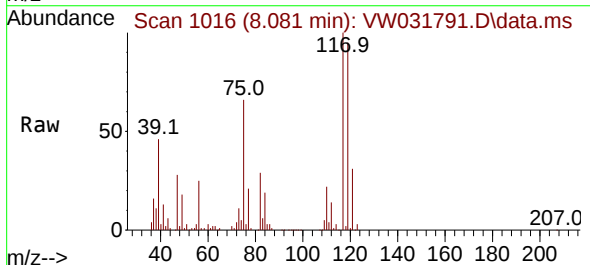
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

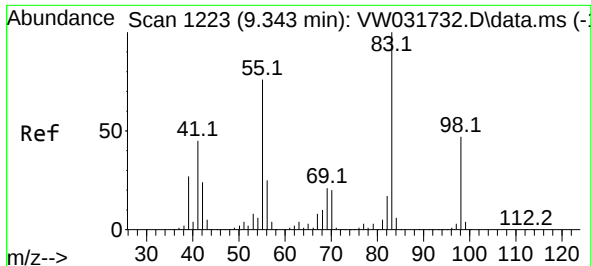
Tgt Ion: 43 Resp: 126413
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.716 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 117 Resp: 219039
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.6
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 54.187 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

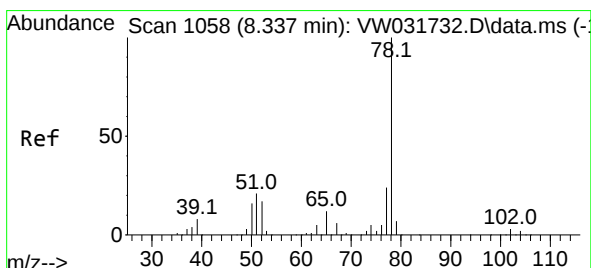
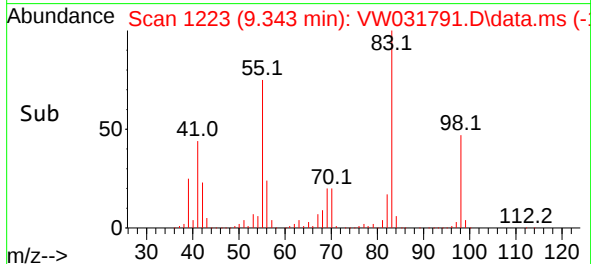
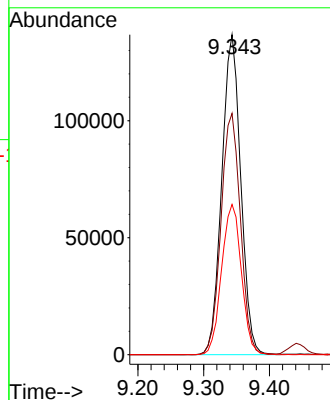
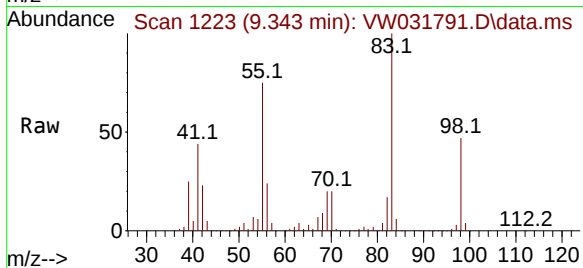
Tgt Ion: 83 Resp: 274893

Ion Ratio Lower Upper

83 100

55 75.4 61.0 91.4

98 47.0 37.9 56.9



#40

Benzene

Concen: 53.067 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031791.D

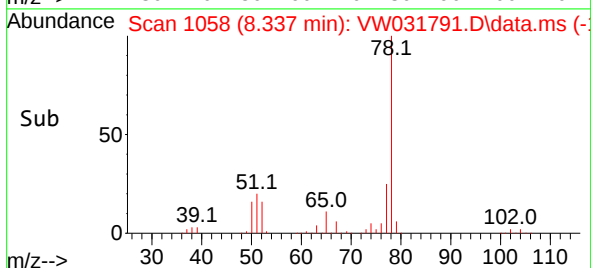
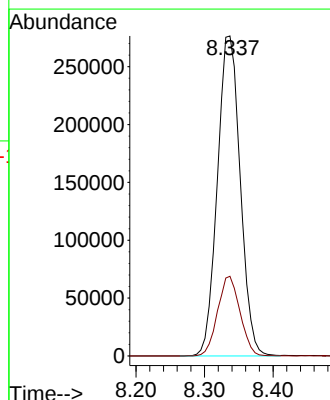
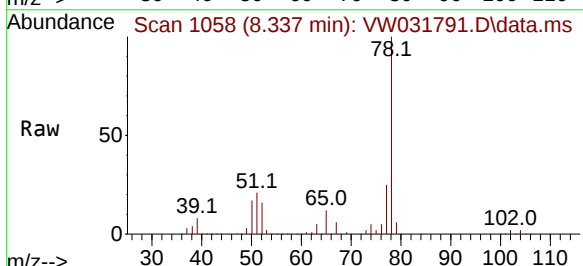
Acq: 10 Jul 2025 08:47

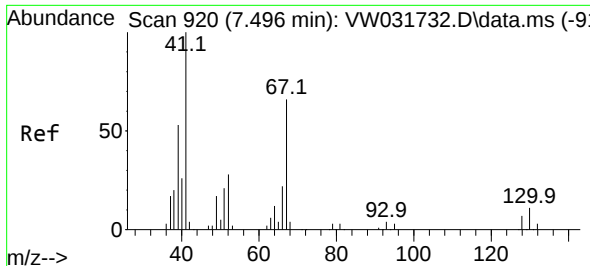
Tgt Ion: 78 Resp: 640183

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8

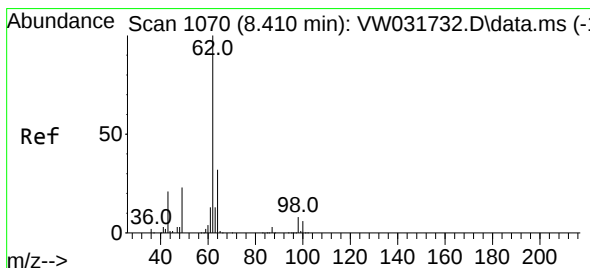
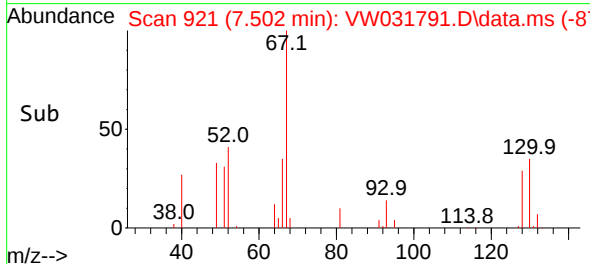
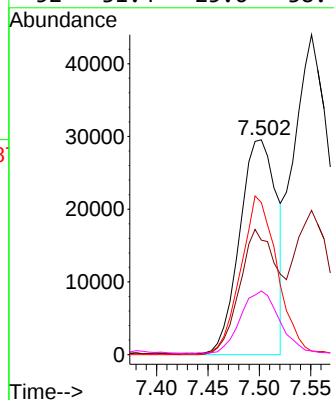
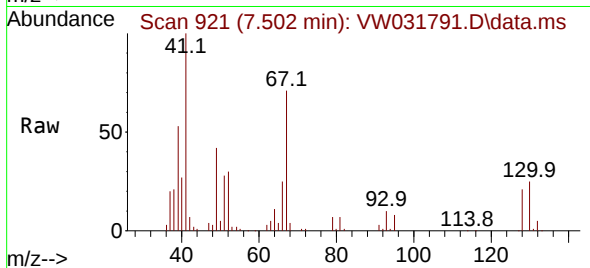




#41
Methacrylonitrile
Concen: 53.907 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

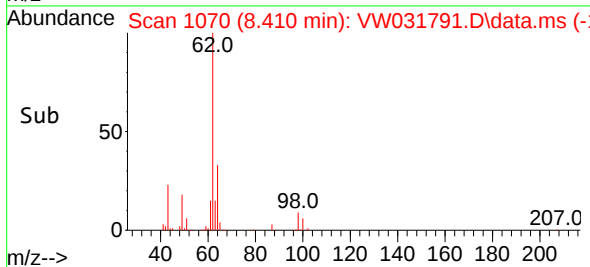
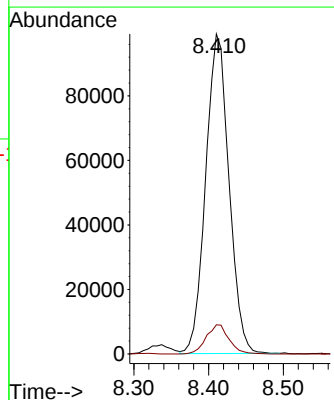
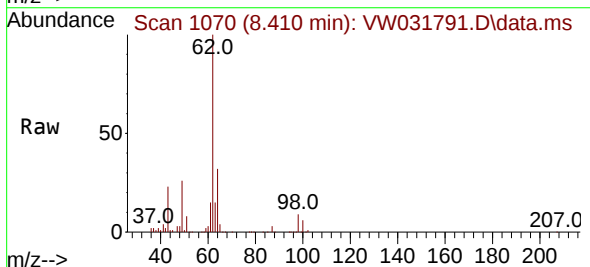
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

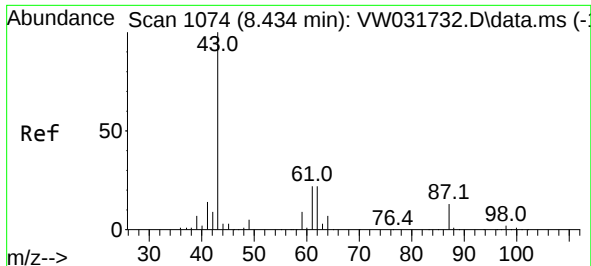
Tgt Ion: 41	Resp: 74278
Ion Ratio	Lower Upper
41 100	
39 60.1	43.2 64.8
67 73.7	58.1 87.1
52 31.4	25.6 38.4



#42
1,2-Dichloroethane
Concen: 52.705 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 62	Resp: 214834
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 17.2

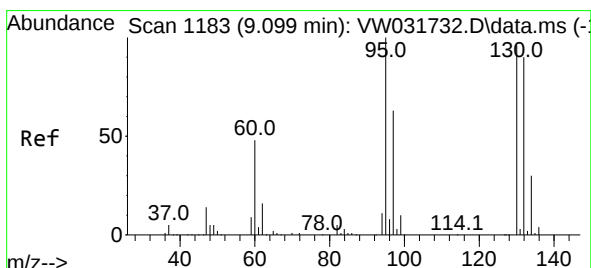
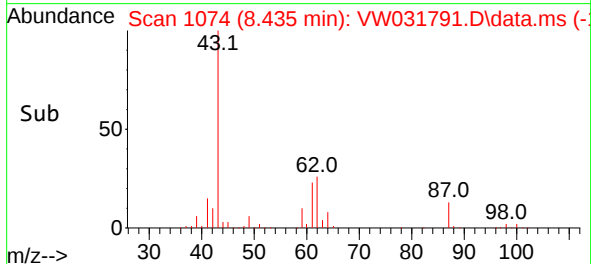
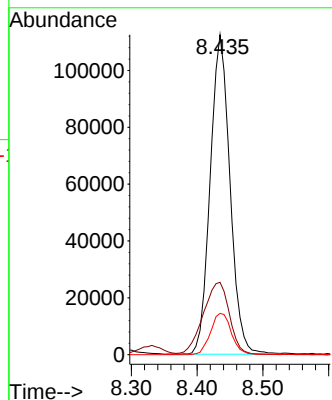
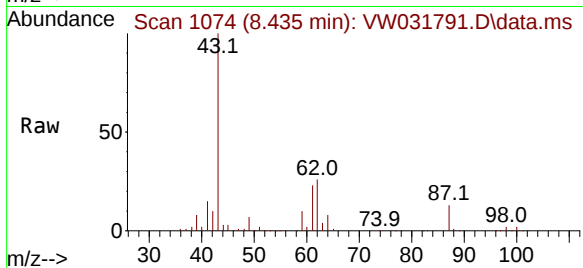




#43
Isopropyl Acetate
Concen: 53.059 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

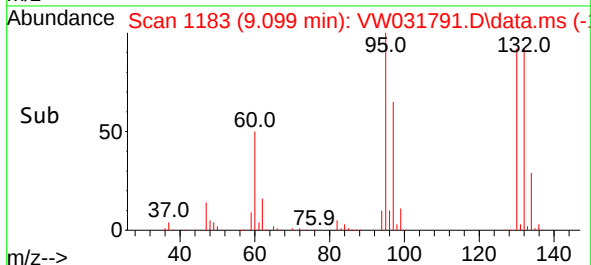
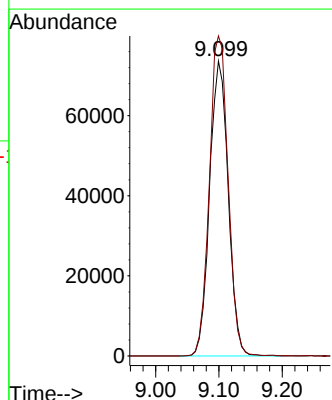
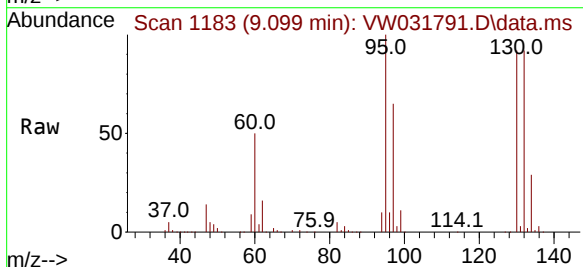
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

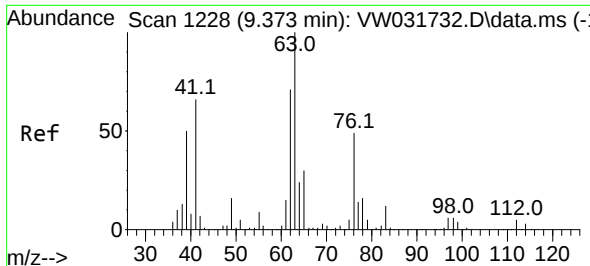
Tgt Ion: 43 Resp: 235257
Ion Ratio Lower Upper
43 100
61 29.9 23.1 34.7
87 13.7 10.8 16.2



#44
Trichloroethene
Concen: 49.991 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:130 Resp: 150522
Ion Ratio Lower Upper
130 100
95 108.5 0.0 208.6

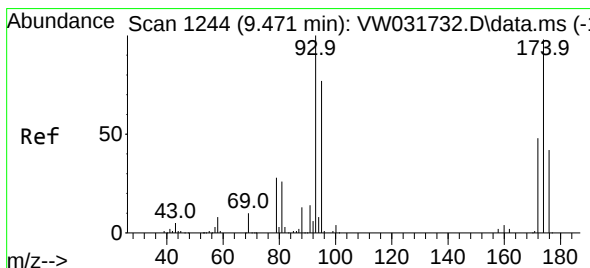
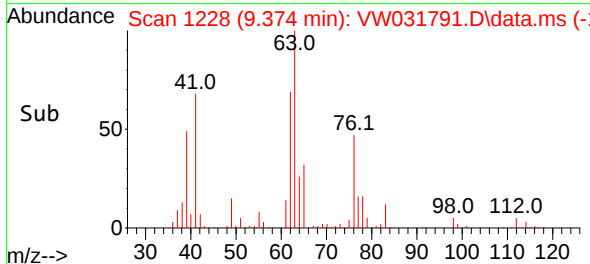
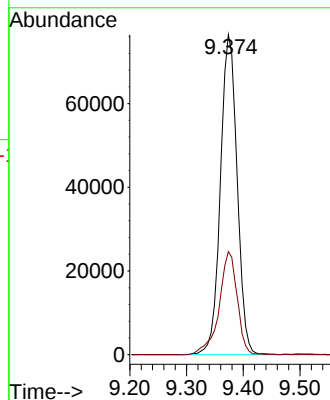
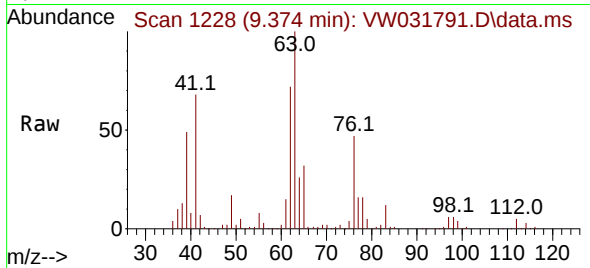




#45
1,2-Dichloropropane
Concen: 53.733 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

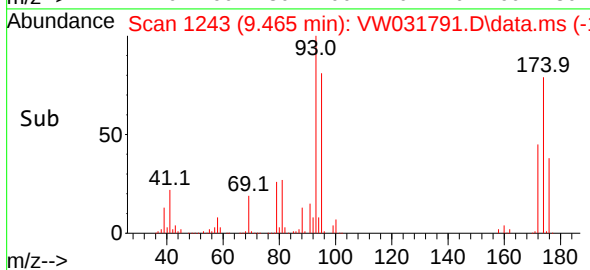
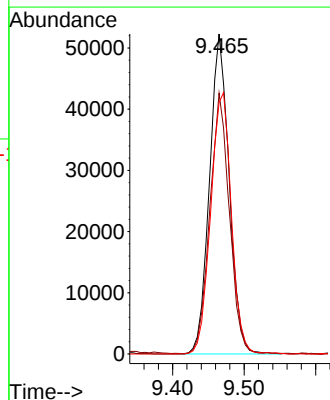
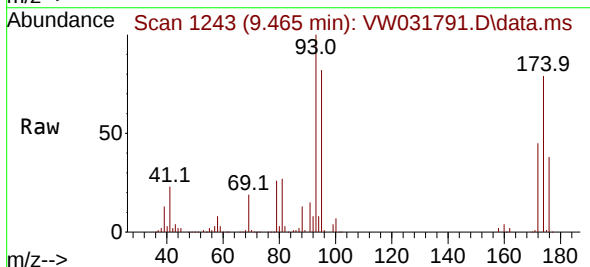
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

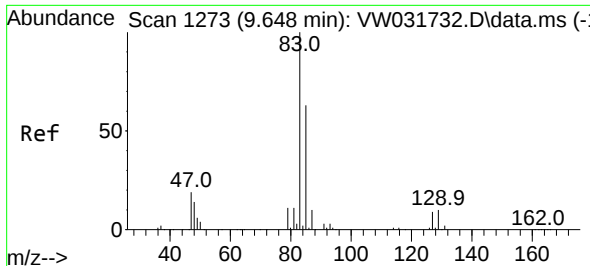
Tgt Ion: 63 Resp: 156663
Ion Ratio Lower Upper
63 100
65 32.2 24.2 36.4



#46
Dibromomethane
Concen: 53.029 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 93 Resp: 99819
Ion Ratio Lower Upper
93 100
95 80.7 67.0 100.4
174 85.8 71.7 107.5

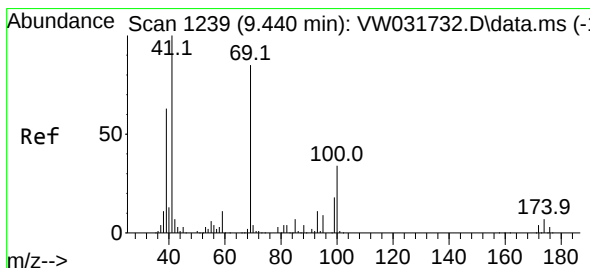
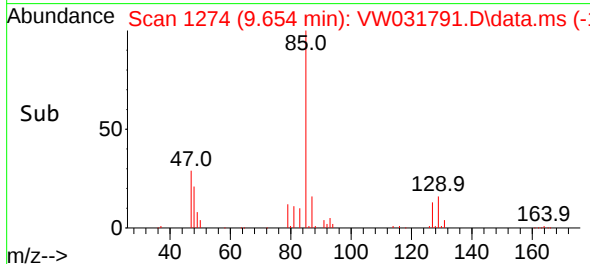
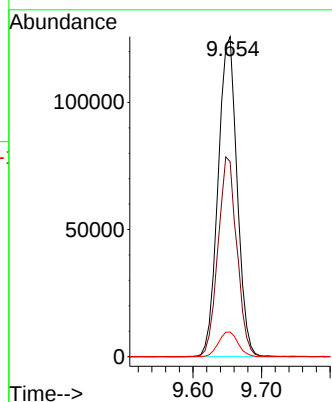
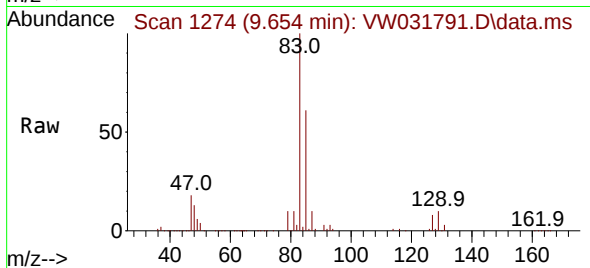




#47
Bromodichloromethane
Concen: 54.724 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

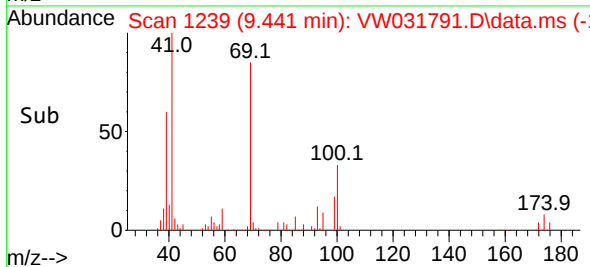
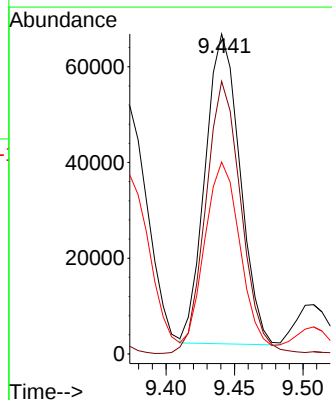
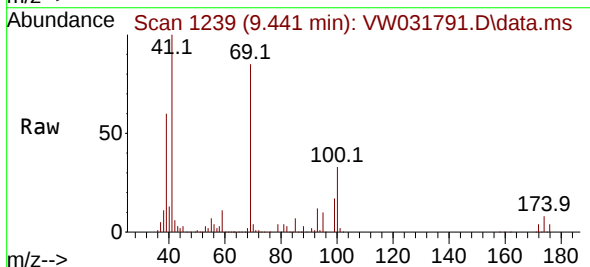
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

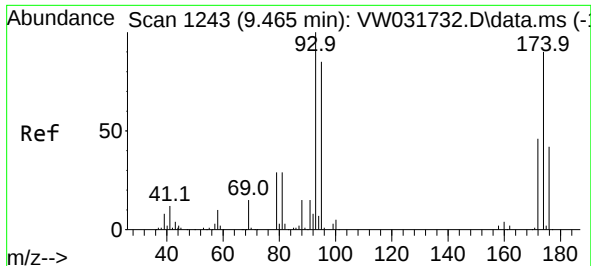
Tgt Ion: 83 Resp: 241552
Ion Ratio Lower Upper
83 100
85 61.0 50.8 76.2
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 52.401 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 41 Resp: 114242
Ion Ratio Lower Upper
41 100
69 90.2 71.6 107.4
39 58.9 49.5 74.3





#49

1,4-Dioxane

Concen: 1059.780 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

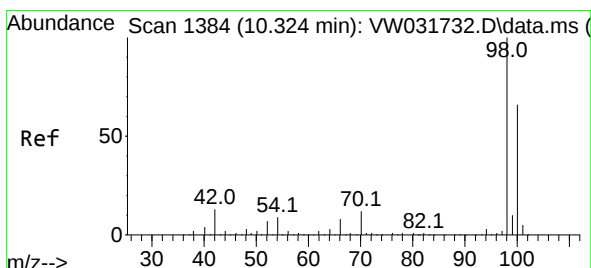
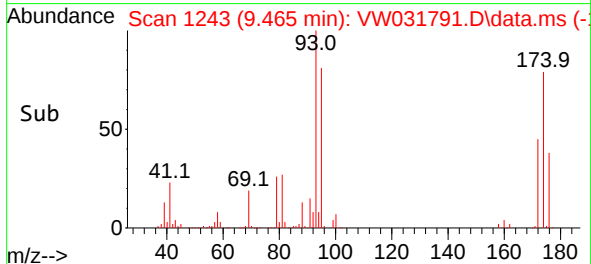
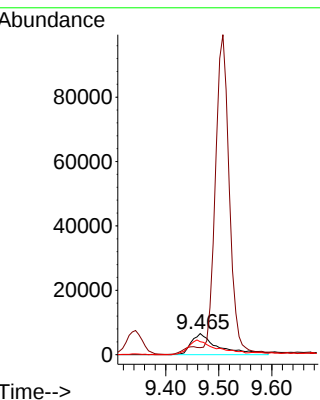
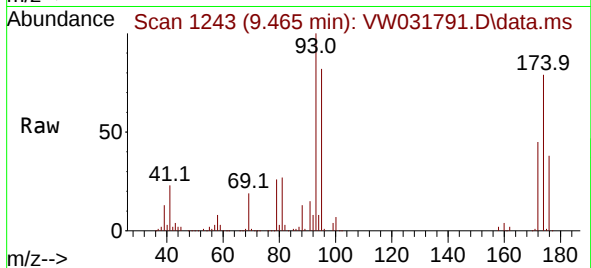
Tgt Ion: 88 Resp: 23364

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.3 58.3 87.5



#50

Toluene-d8

Concen: 50.707 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031791.D

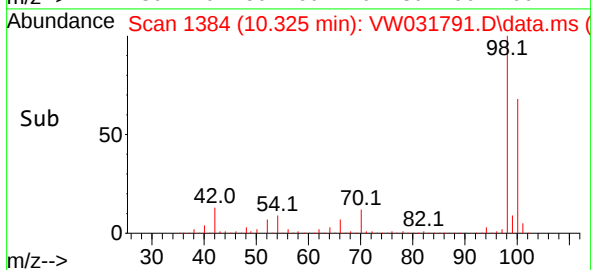
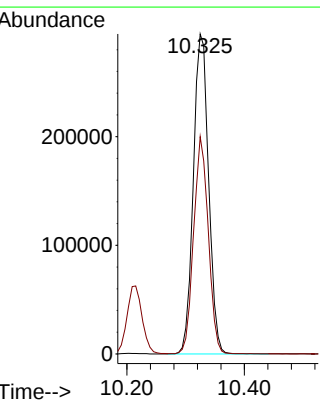
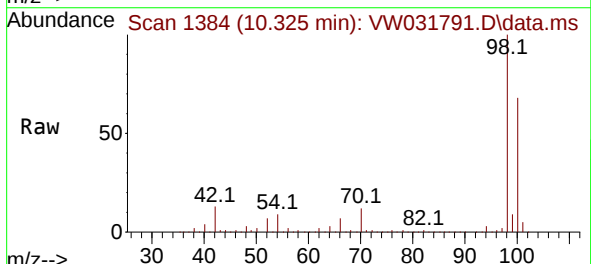
Acq: 10 Jul 2025 08:47

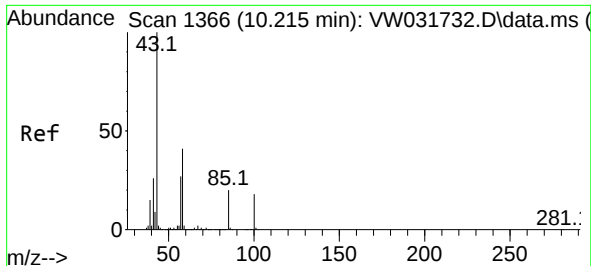
Tgt Ion: 98 Resp: 531723

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

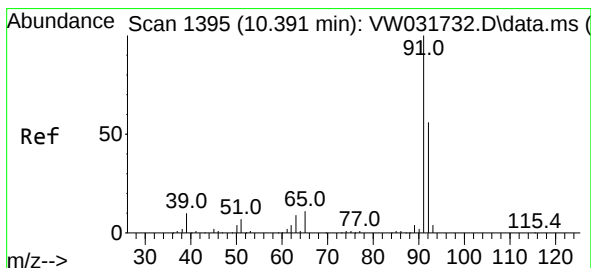
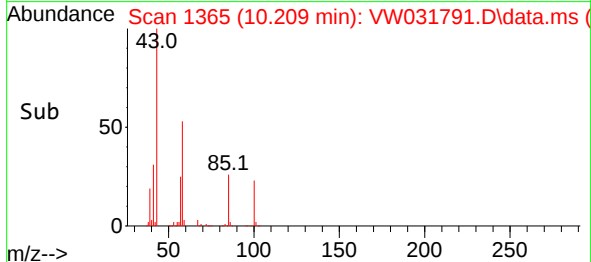
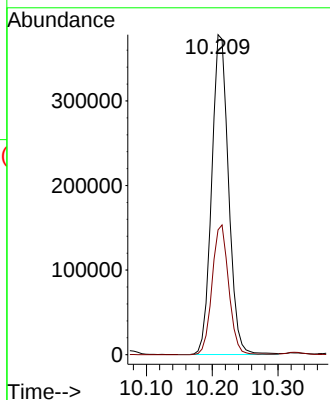
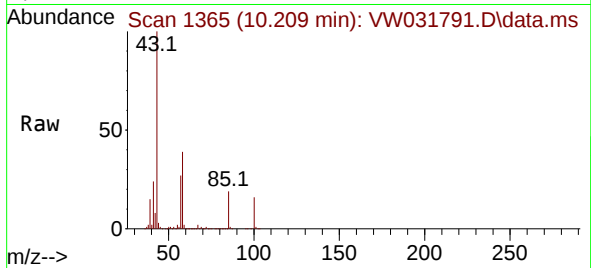




#51
4-Methyl-2-Pentanone
Concen: 264.687 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

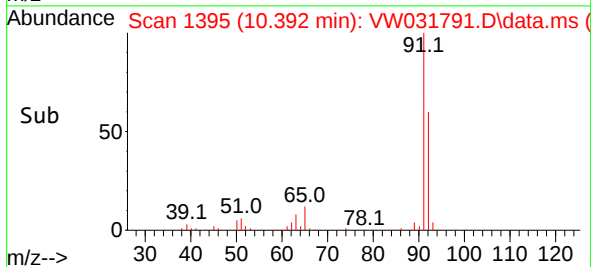
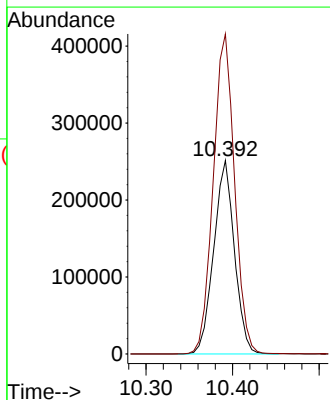
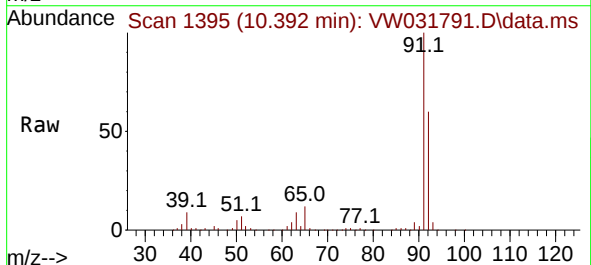
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 674703
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 54.087 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 92 Resp: 417758
Ion Ratio Lower Upper
92 100
91 170.5 139.5 209.3

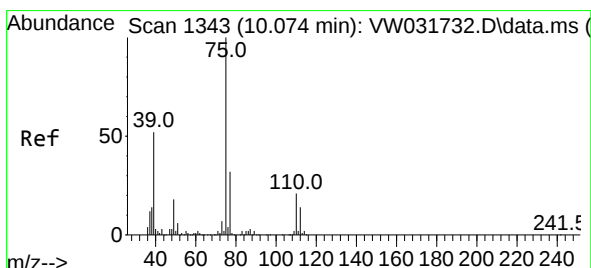
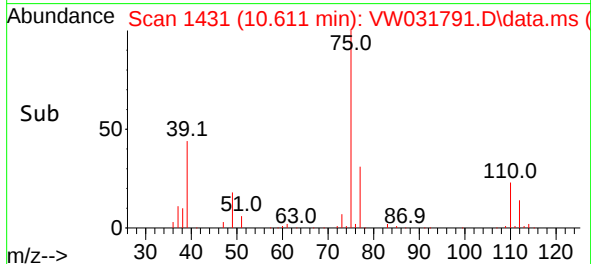
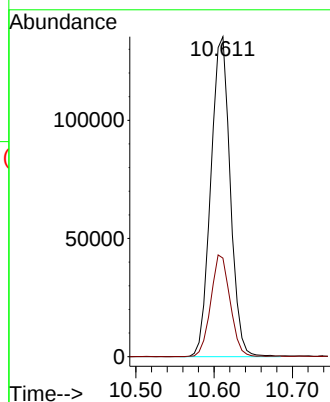
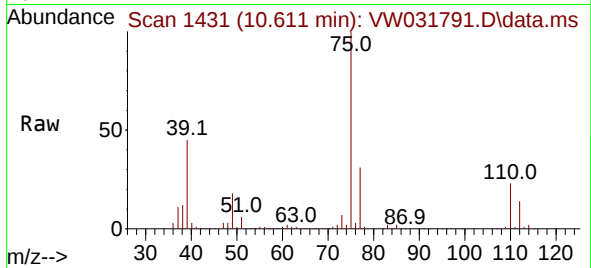




#53
t-1,3-Dichloropropene
Concen: 56.253 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

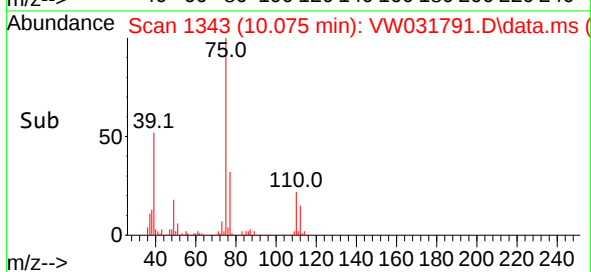
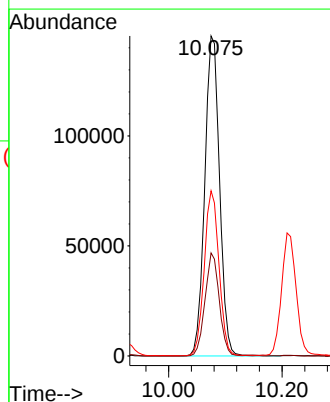
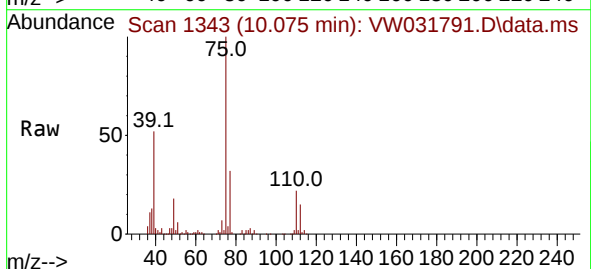
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

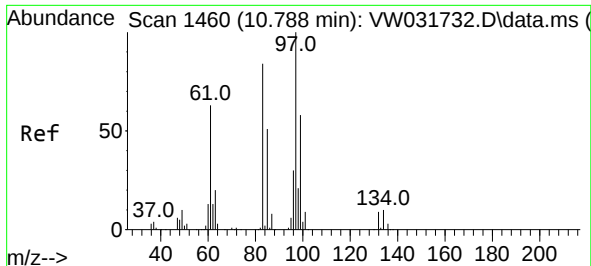
Tgt Ion: 75 Resp: 232972
Ion Ratio Lower Upper
75 100
77 30.7 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 56.150 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 75 Resp: 263620
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
39 51.5 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 53.040 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 130782

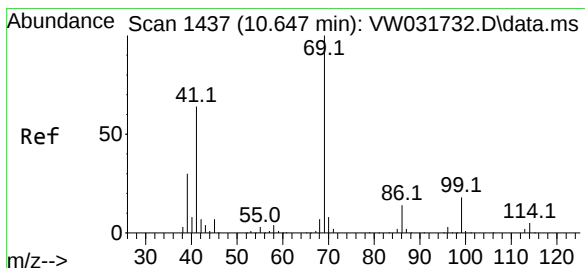
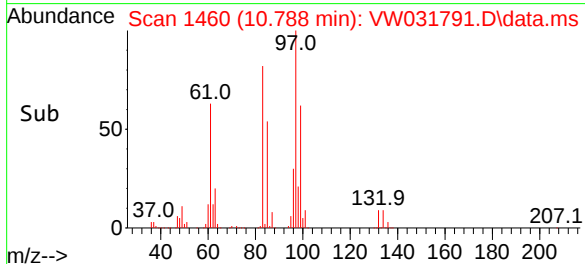
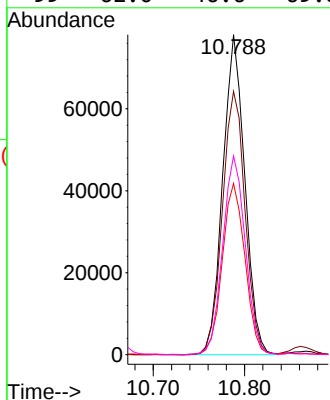
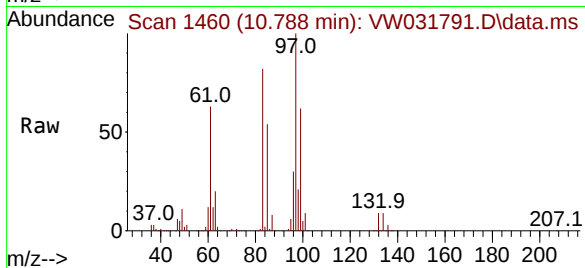
Ion Ratio Lower Upper

97 100

83 82.3 66.9 100.3

85 53.5 41.1 61.7

99 62.0 46.6 69.8



#56

Ethyl methacrylate

Concen: 57.193 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

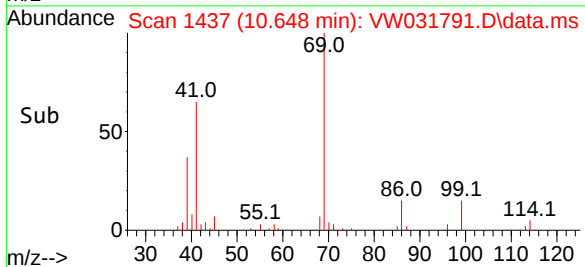
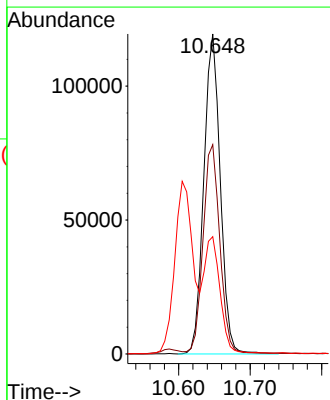
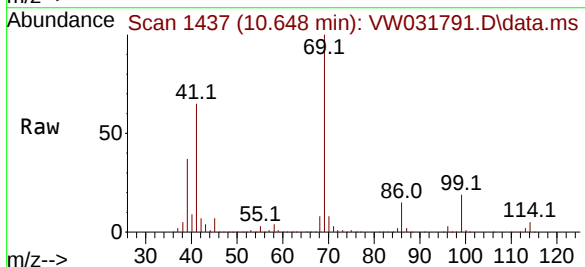
Tgt Ion: 69 Resp: 191318

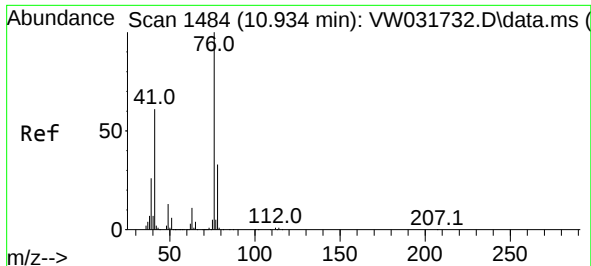
Ion Ratio Lower Upper

69 100

41 66.4 53.3 79.9

39 34.8 30.2 45.2





#57

1,3-Dichloropropane

Concen: 54.227 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

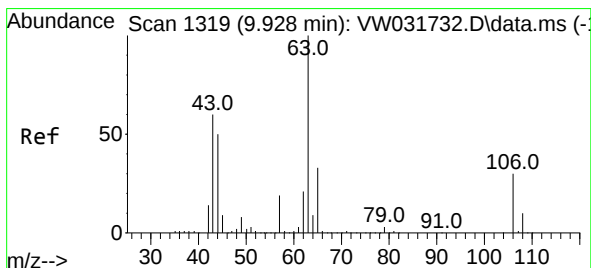
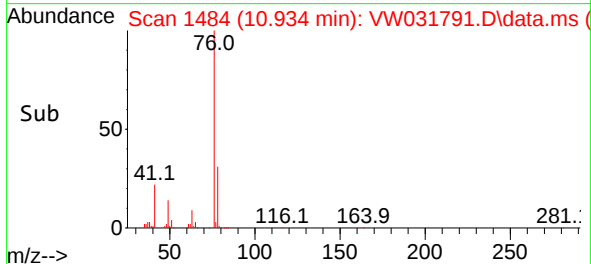
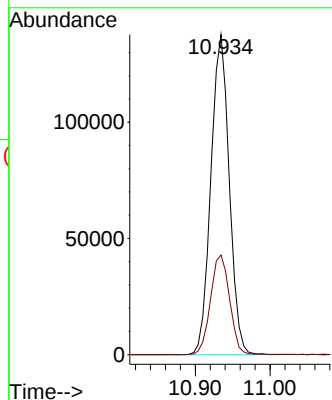
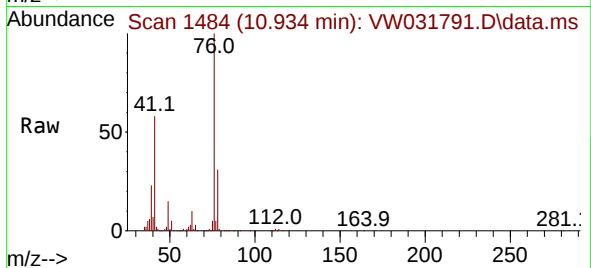
VSTDCCC050

Tgt Ion: 76 Resp: 234750

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 230.437 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031791.D

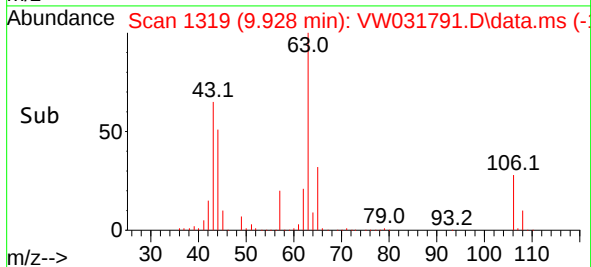
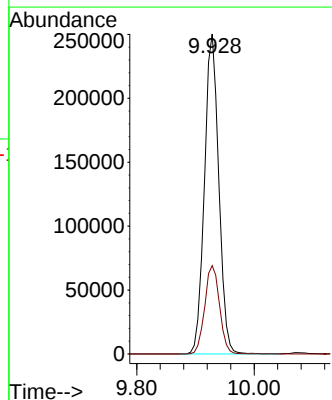
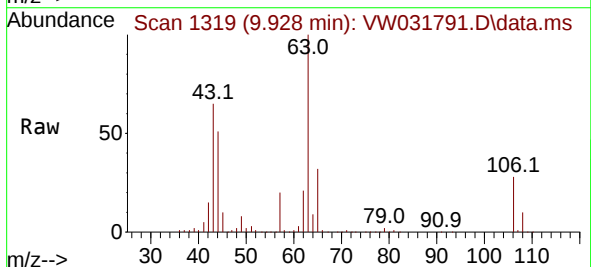
Acq: 10 Jul 2025 08:47

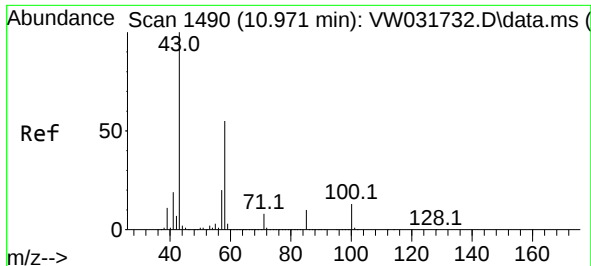
Tgt Ion: 63 Resp: 424465

Ion Ratio Lower Upper

63 100

106 28.4 24.1 36.1

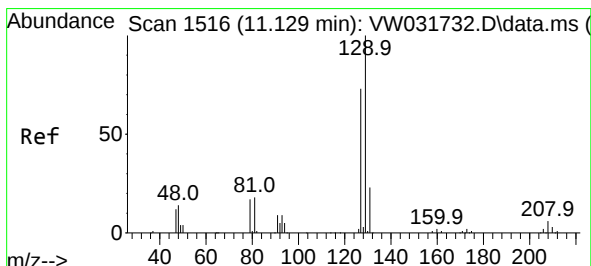
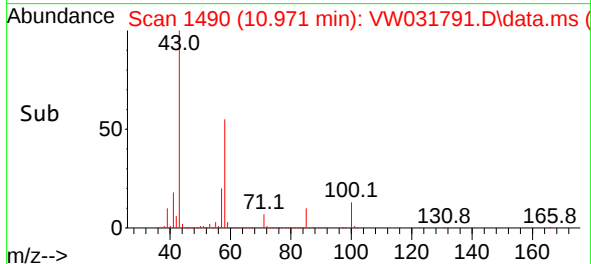
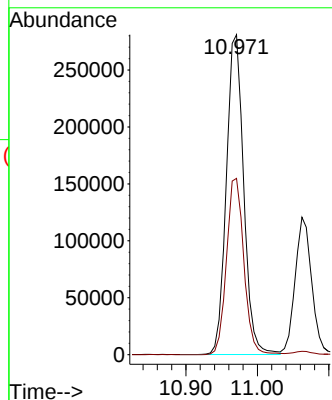
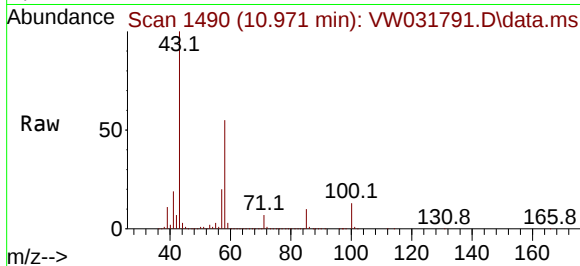




#59
2-Hexanone
Concen: 273.918 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

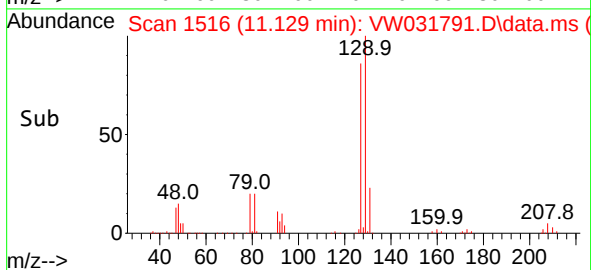
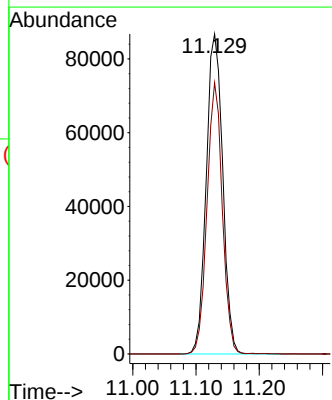
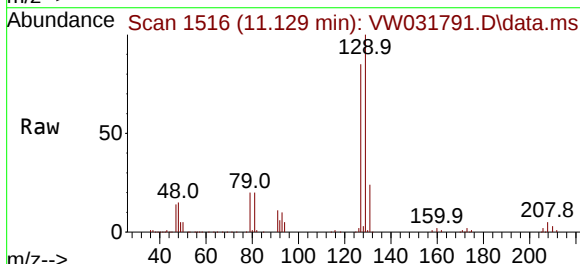
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

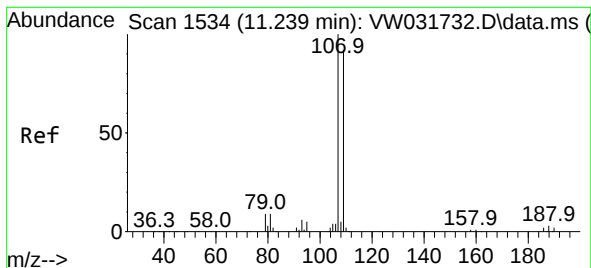
Tgt Ion: 43 Resp: 473151
Ion Ratio Lower Upper
43 100
58 55.3 27.9 83.6



#60
Dibromochloromethane
Concen: 53.437 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:129 Resp: 157563
Ion Ratio Lower Upper
129 100
127 78.6 38.0 114.1

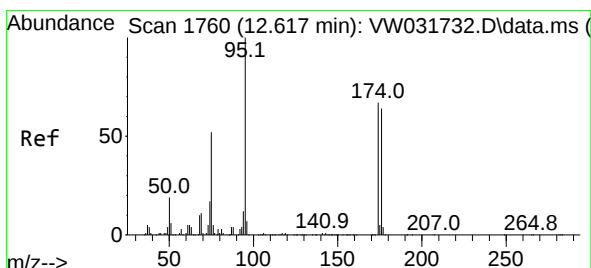
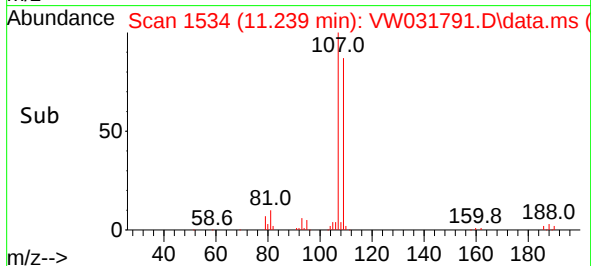
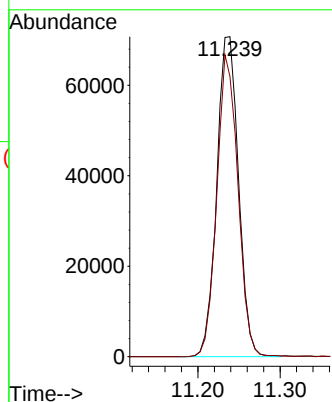
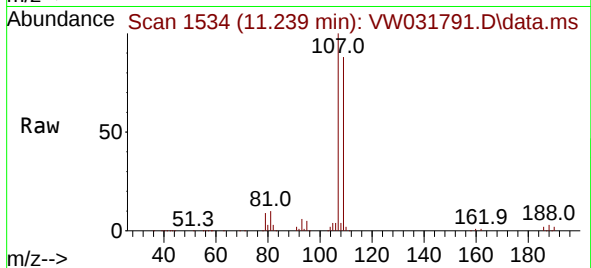




#61
1,2-Dibromoethane
Concen: 52.626 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

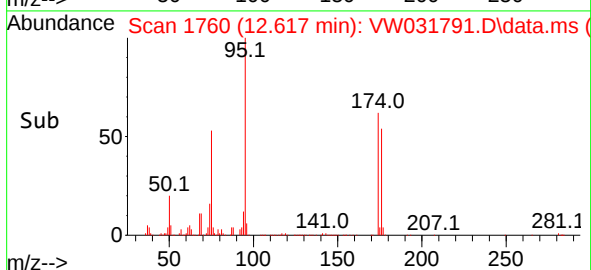
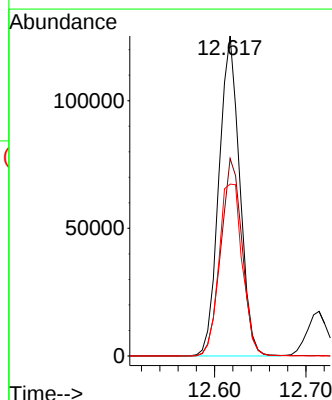
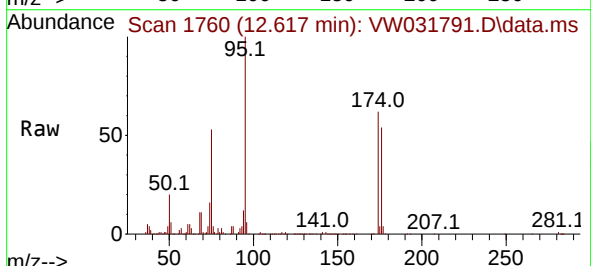
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

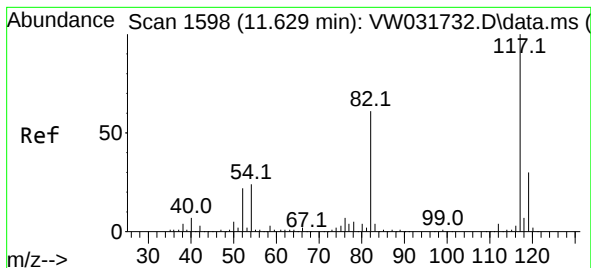
Tgt Ion:107 Resp: 129900
Ion Ratio Lower Upper
107 100
109 91.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.310 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 95 Resp: 197999
Ion Ratio Lower Upper
95 100
174 63.3 0.0 133.8
176 61.0 0.0 126.0

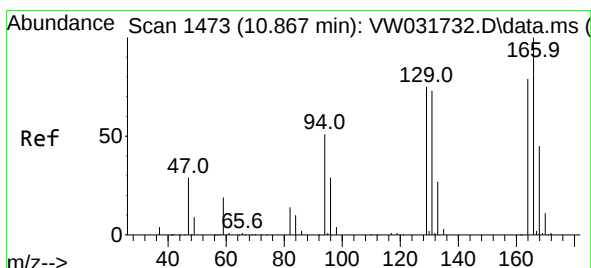
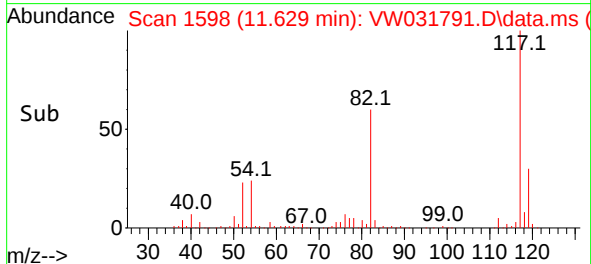
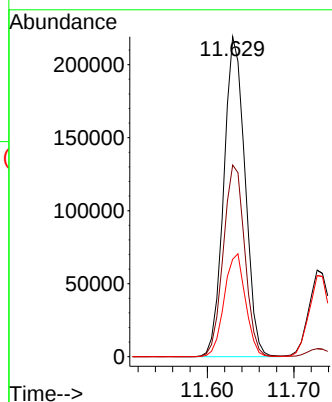
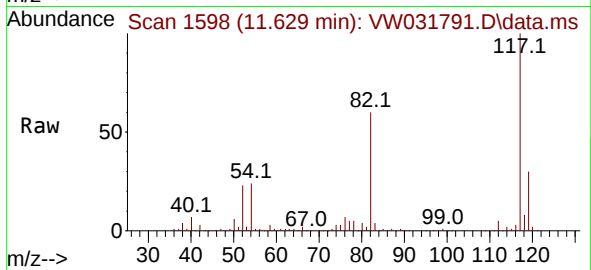




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

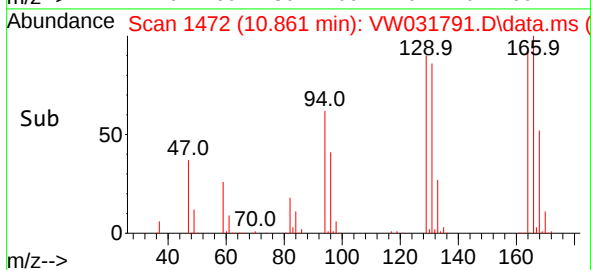
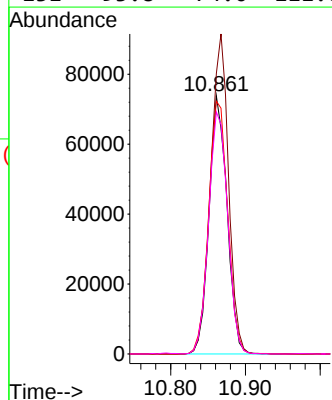
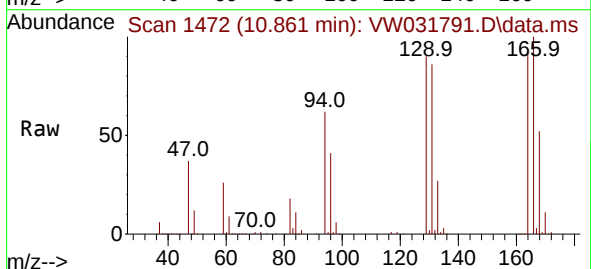
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

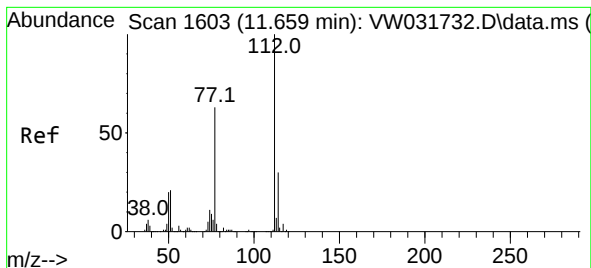
Tgt Ion:117 Resp: 372703
Ion Ratio Lower Upper
117 100
82 59.9 48.6 72.8
119 30.5 23.9 35.9



#64
Tetrachloroethene
Concen: 50.476 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:164 Resp: 123056
Ion Ratio Lower Upper
164 100
166 108.7 100.7 151.1
129 98.0 75.4 113.0
131 93.8 74.0 111.0





#65

Chlorobenzene

Concen: 54.120 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

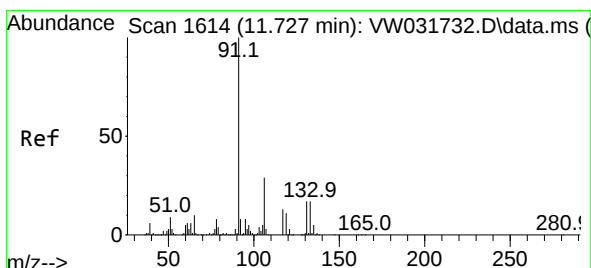
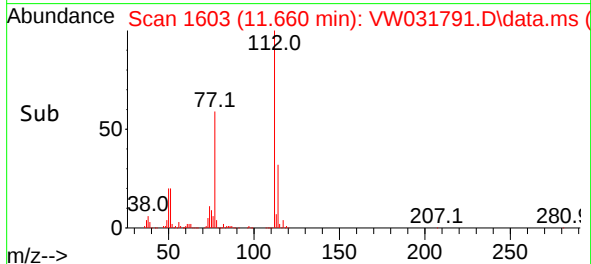
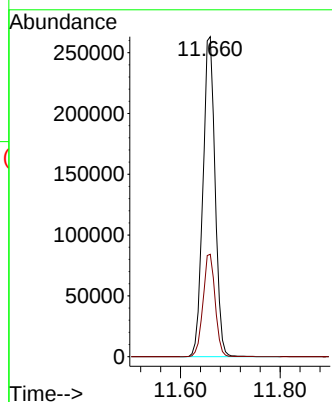
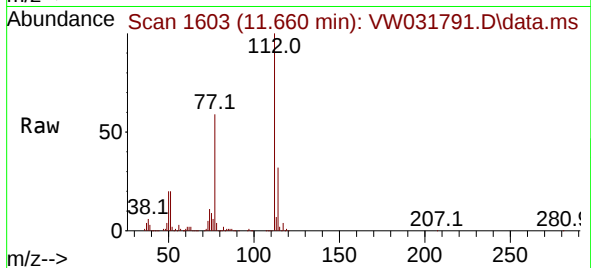
VSTDCCC050

Tgt Ion:112 Resp: 445036

Ion Ratio Lower Upper

112 100

114 32.0 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.724 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

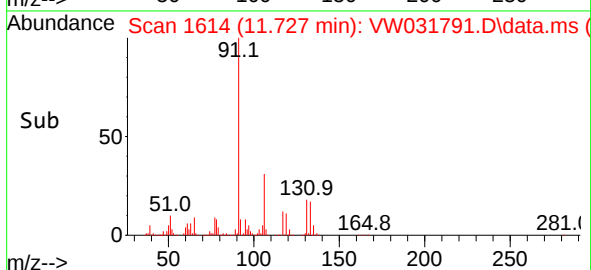
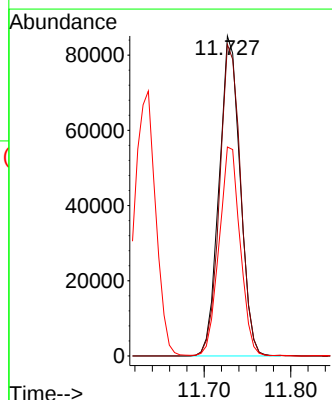
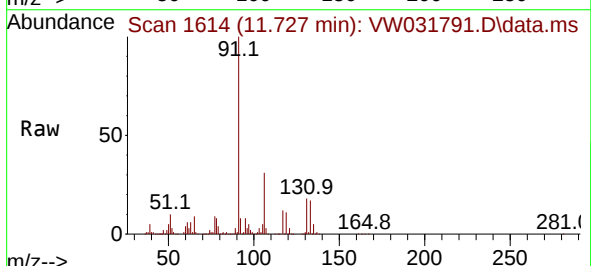
Tgt Ion:131 Resp: 143400

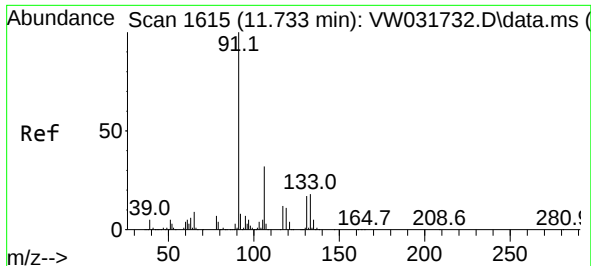
Ion Ratio Lower Upper

131 100

133 97.2 48.5 145.6

119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 55.536 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

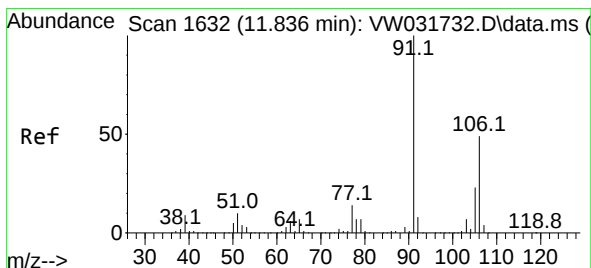
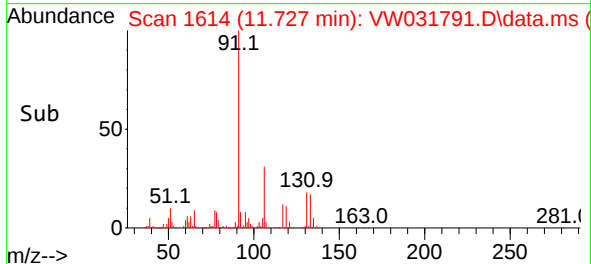
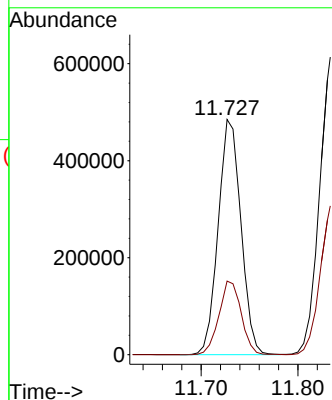
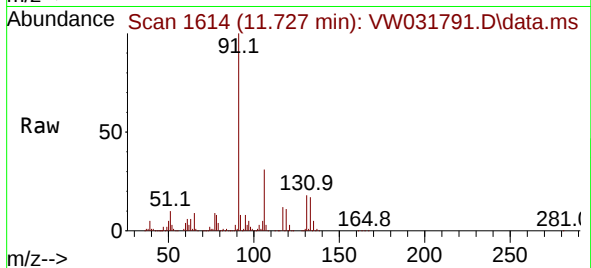
VSTDCCC050

Tgt Ion: 91 Resp: 791900

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.2



#68

m/p-Xylenes

Concen: 113.445 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031791.D

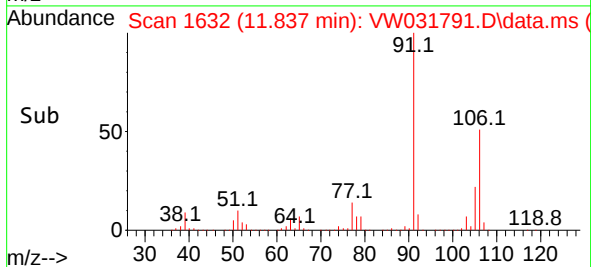
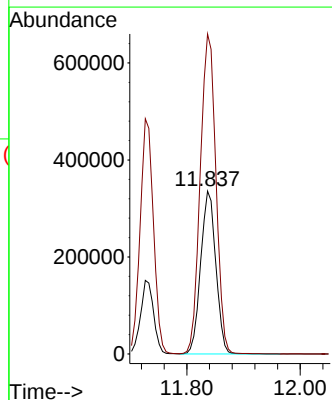
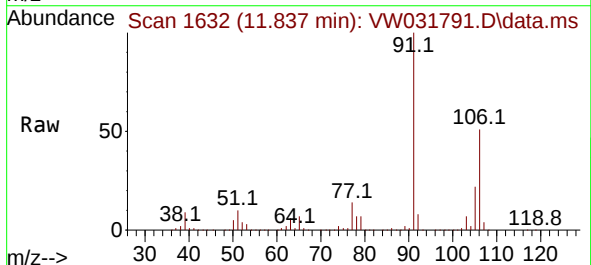
Acq: 10 Jul 2025 08:47

Tgt Ion: 106 Resp: 621844

Ion Ratio Lower Upper

106 100

91 203.1 166.4 249.6

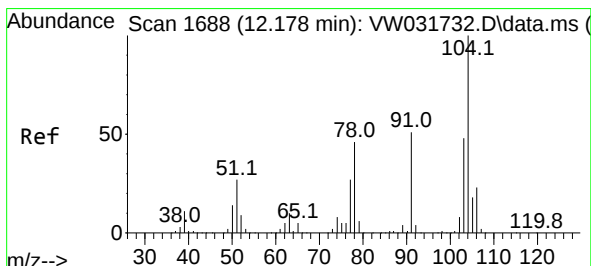
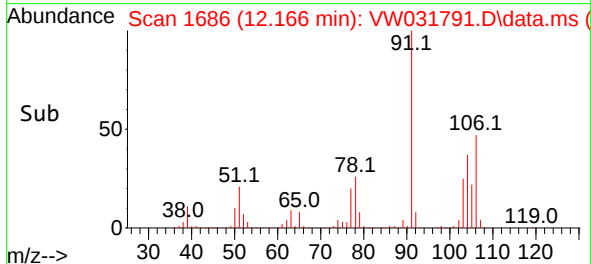
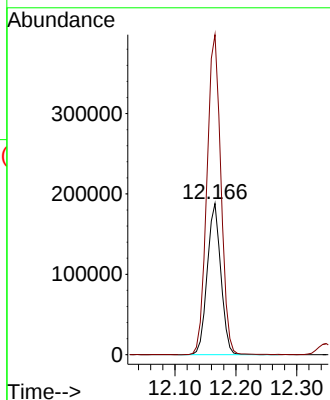
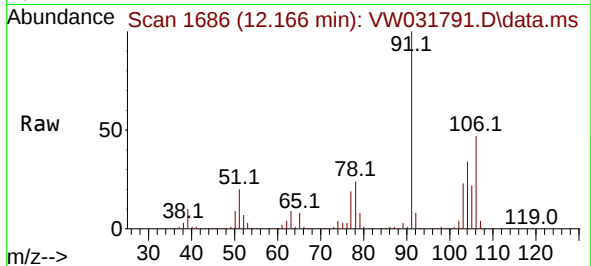




#69
o-Xylene
Concen: 57.372 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

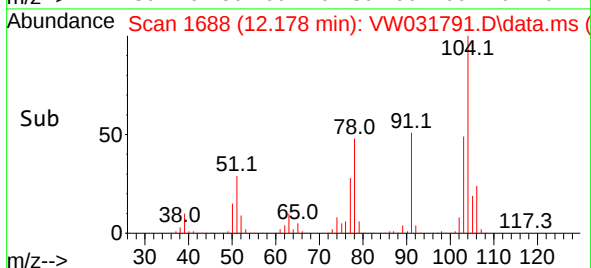
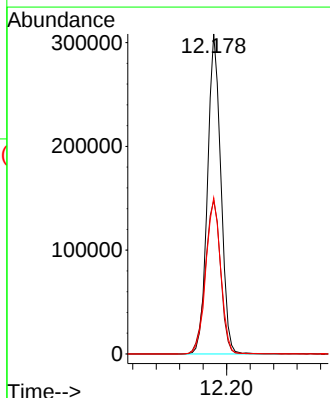
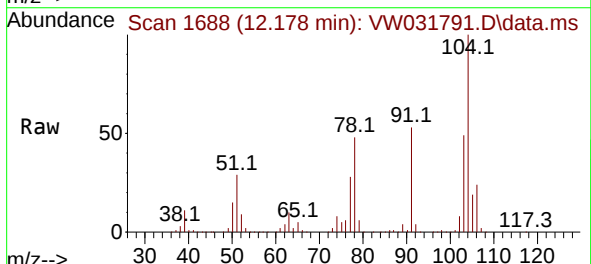
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

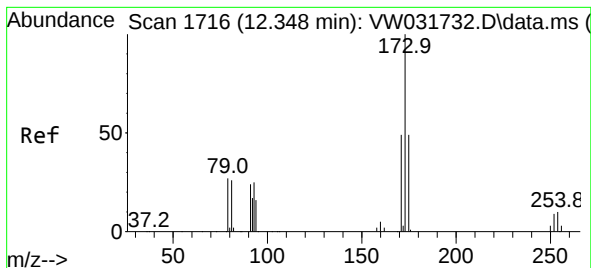
Tgt Ion:106 Resp: 291178
Ion Ratio Lower Upper
106 100
91 218.0 111.5 334.4



#70
Styrene
Concen: 55.530 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:104 Resp: 487219
Ion Ratio Lower Upper
104 100
78 54.6 42.1 63.1
103 53.9 43.0 64.6





#71

Bromoform

Concen: 51.797 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

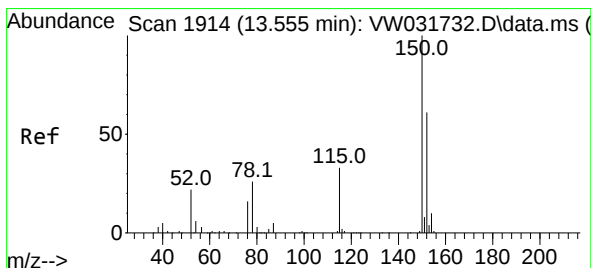
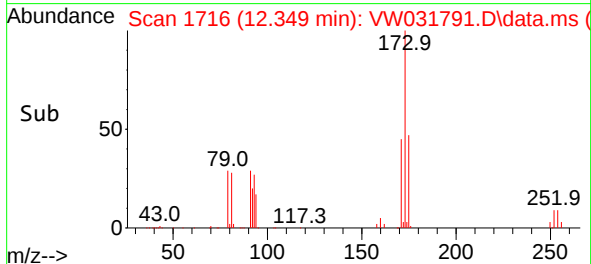
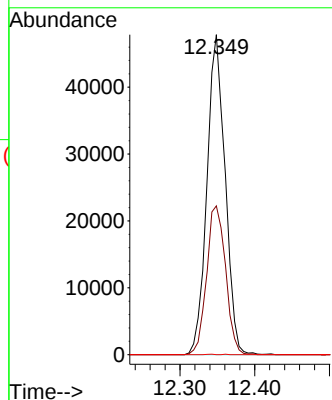
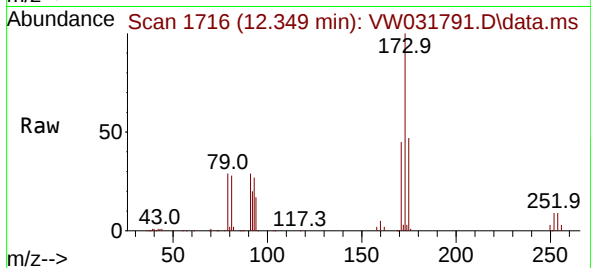
Tgt Ion:173 Resp: 80971

Ion Ratio Lower Upper

173 100

175 48.5 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: VW031791.D

Acq: 10 Jul 2025 08:47

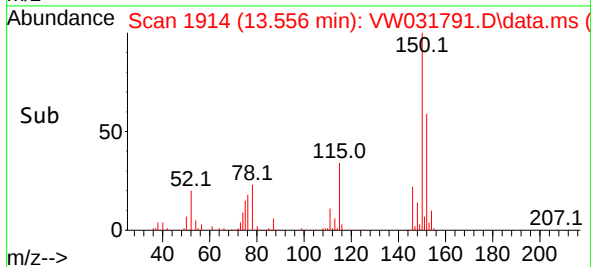
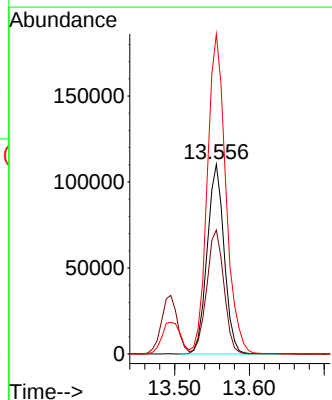
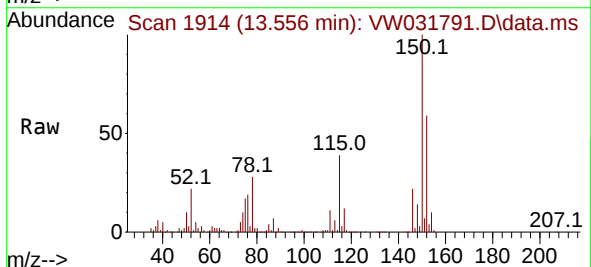
Tgt Ion:152 Resp: 173821

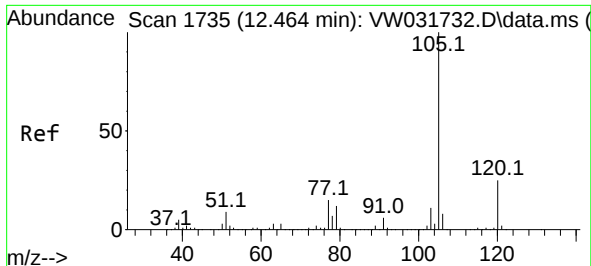
Ion Ratio Lower Upper

152 100

115 66.3 31.9 95.7

150 184.3 0.0 356.4

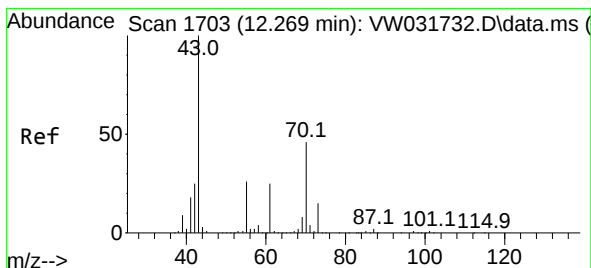
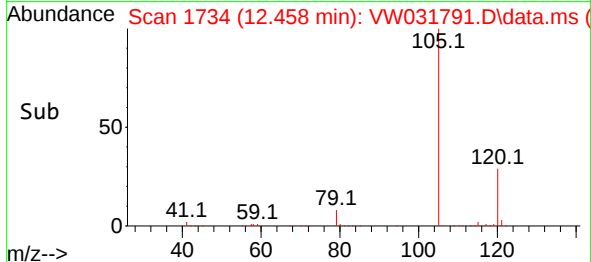
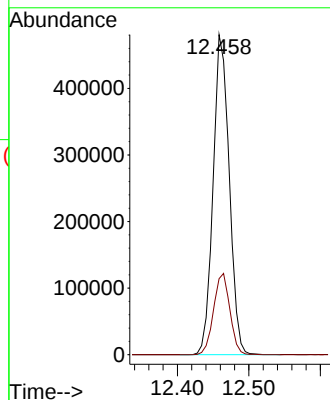
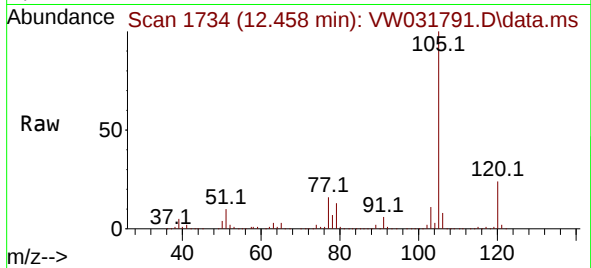




#73
Isopropylbenzene
Concen: 56.847 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

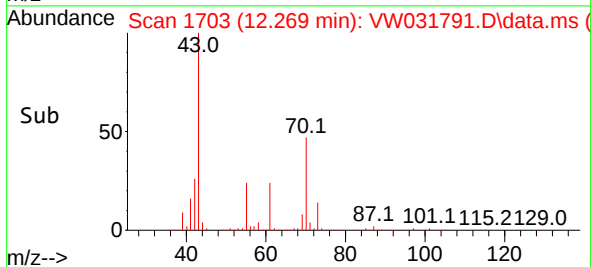
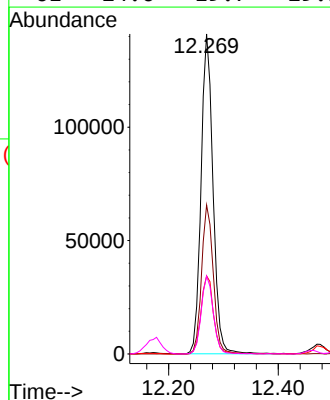
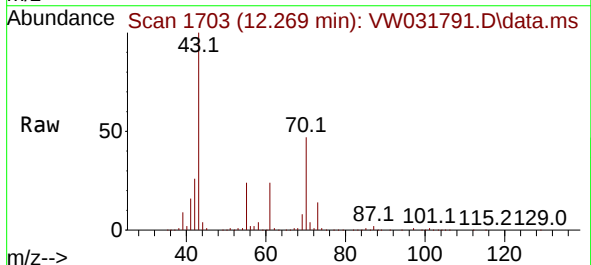
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

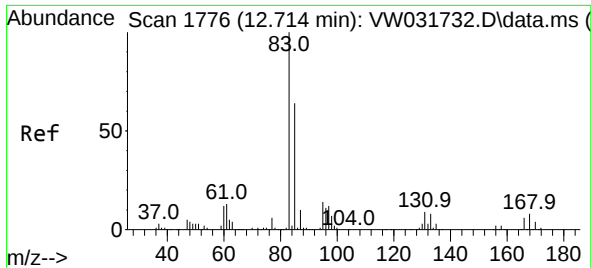
Tgt Ion:105 Resp: 751622
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 59.970 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 43 Resp: 213716
Ion Ratio Lower Upper
43 100
70 45.8 36.0 54.0
55 25.5 20.8 31.2
61 24.6 19.7 29.5

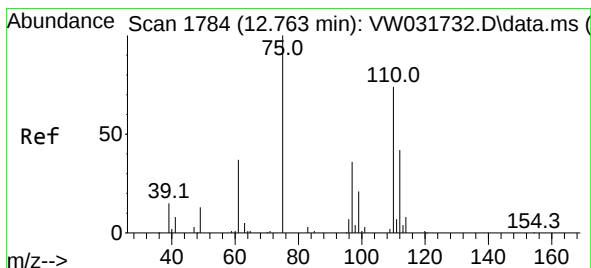
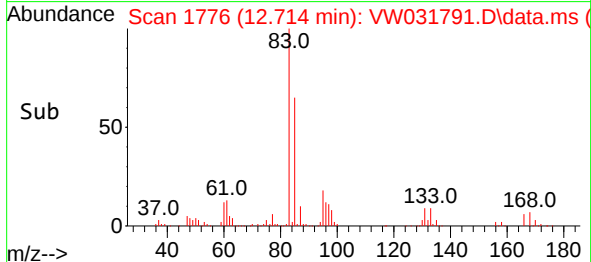
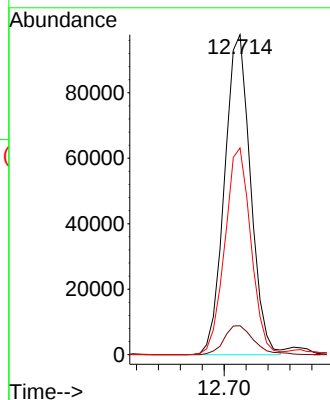
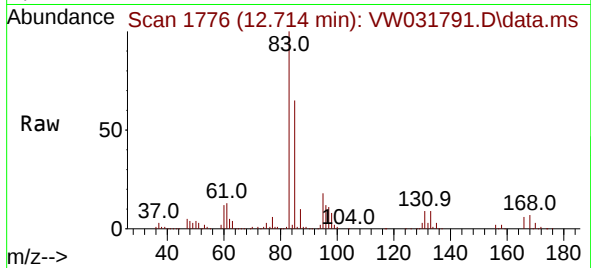




#75
1,1,2,2-Tetrachloroethane
Concen: 54.777 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

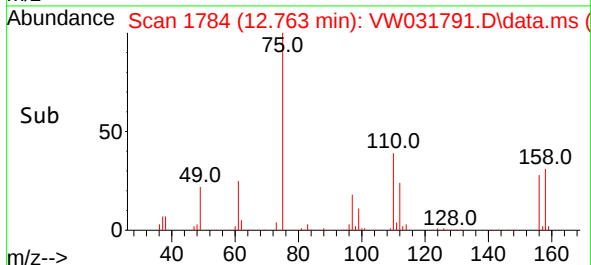
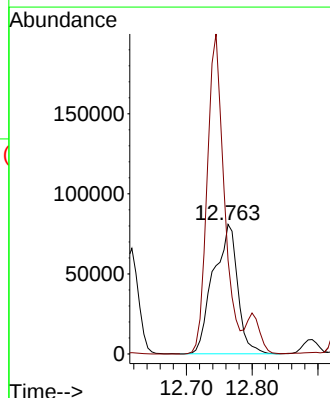
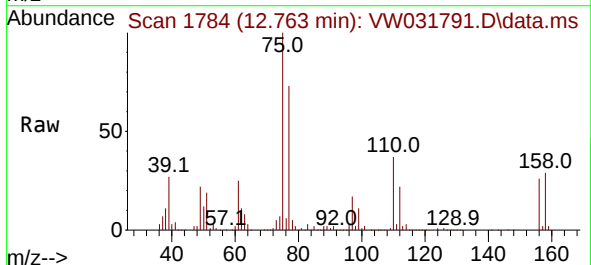
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

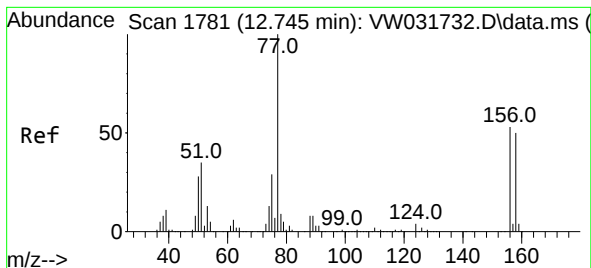
Tgt Ion: 83 Resp: 160789
Ion Ratio Lower Upper
83 100
131 10.3 5.3 16.1
85 65.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 92.528 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 75 Resp: 207841
Ion Ratio Lower Upper
75 100
77 173.2 141.2 423.6





#77

Bromobenzene

Concen: 55.136 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

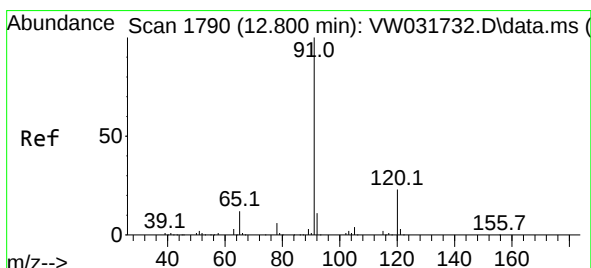
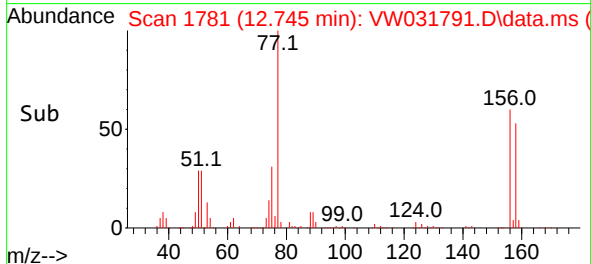
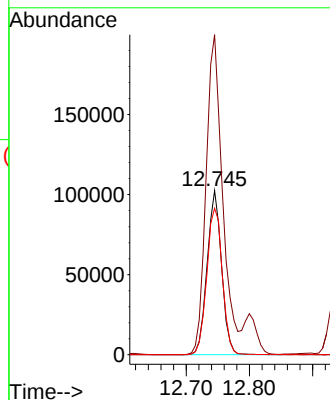
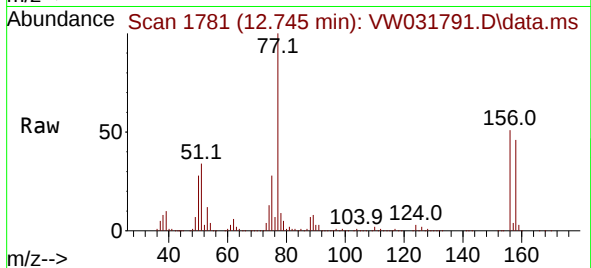
Tgt Ion:156 Resp: 162590

Ion Ratio Lower Upper

156 100

77 221.4 117.9 353.7

158 96.0 52.6 157.8



#78

n-propylbenzene

Concen: 58.086 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031791.D

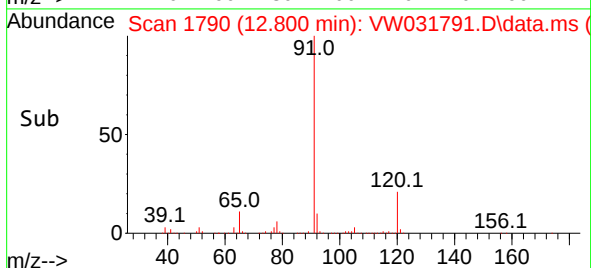
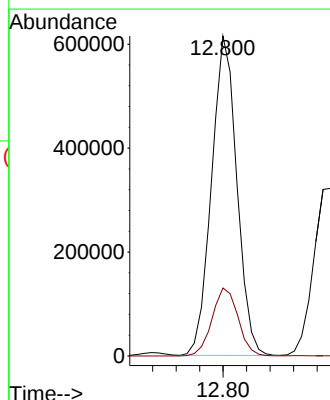
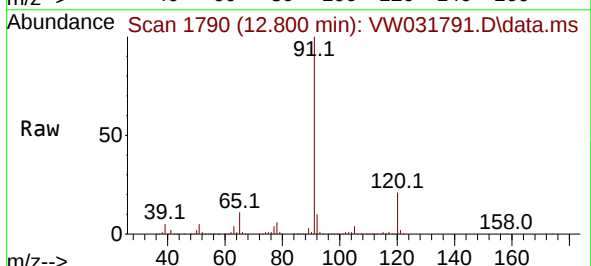
Acq: 10 Jul 2025 08:47

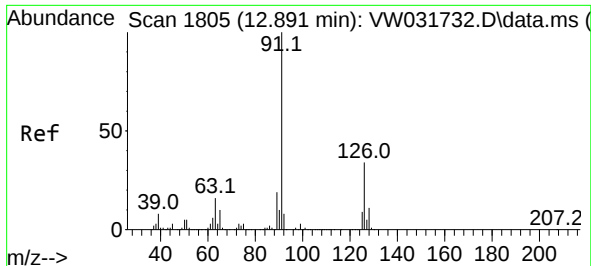
Tgt Ion: 91 Resp: 919660

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

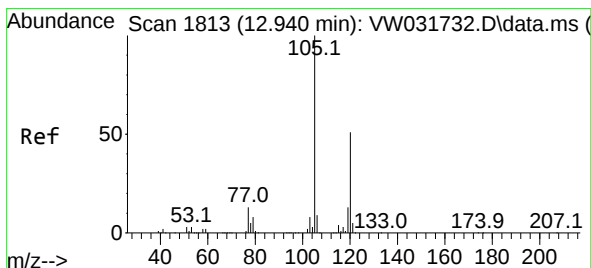
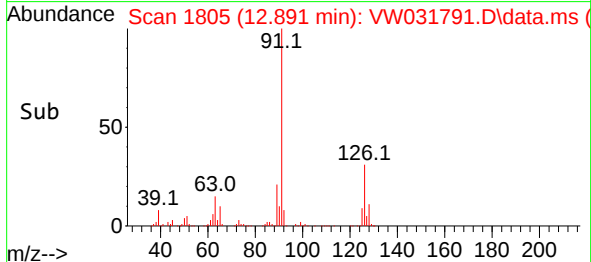
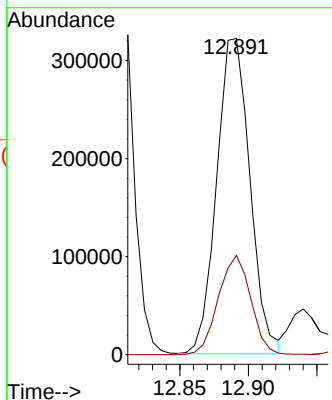
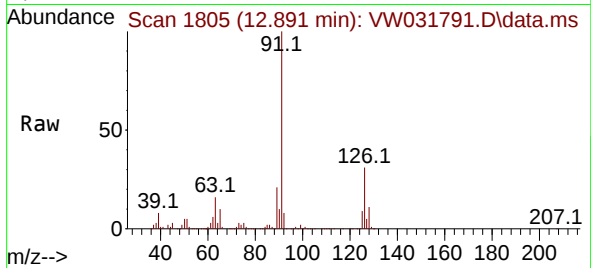




#79
2-Chlorotoluene
Concen: 57.014 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

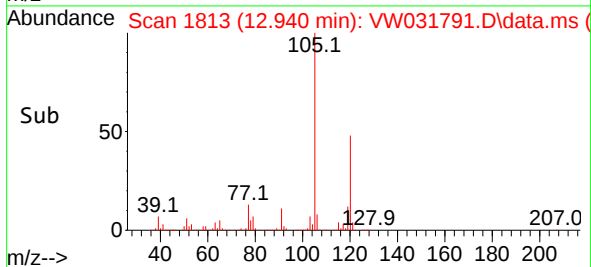
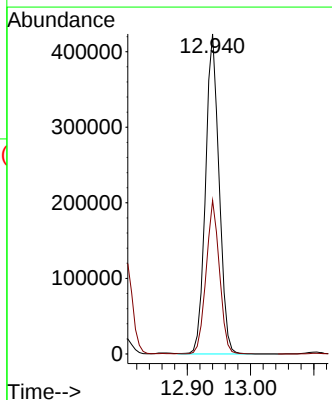
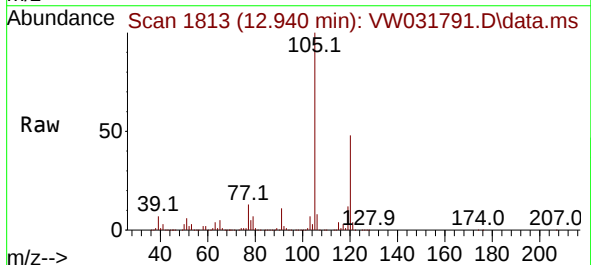
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

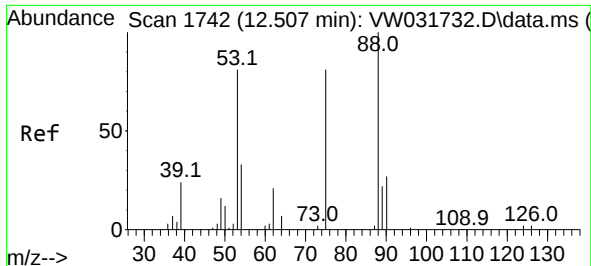
Tgt Ion: 91 Resp: 543574
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 57.838 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 105 Resp: 633002
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2

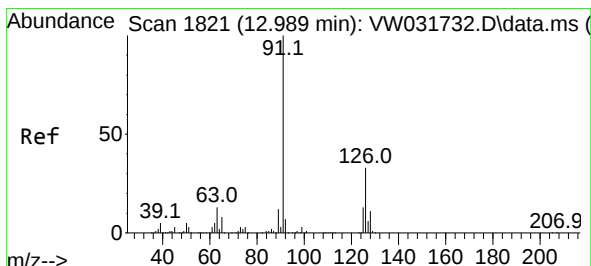
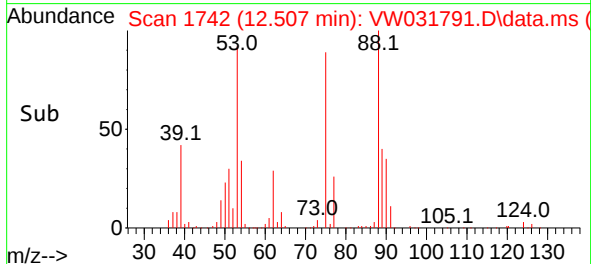
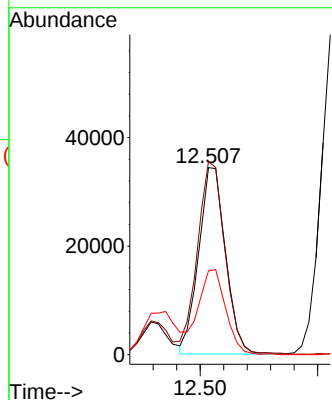
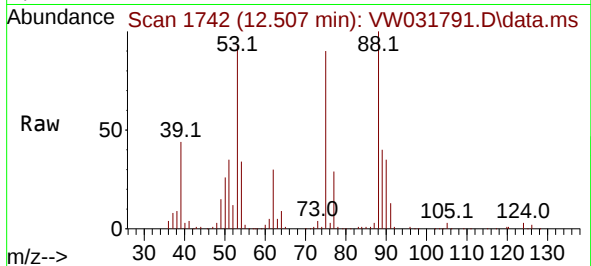




#81
trans-1,4-Dichloro-2-butene
Concen: 56.764 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

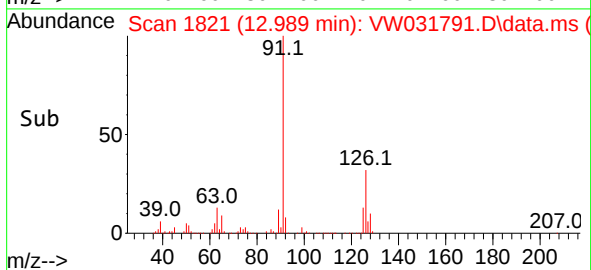
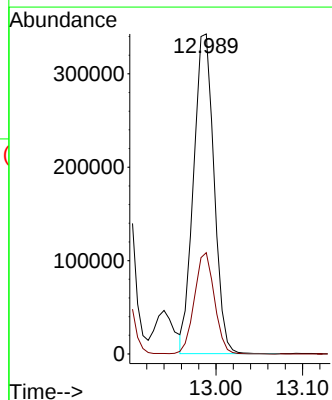
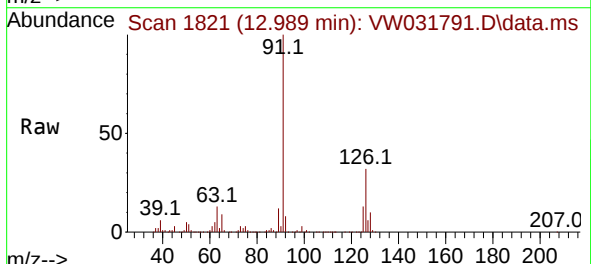
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

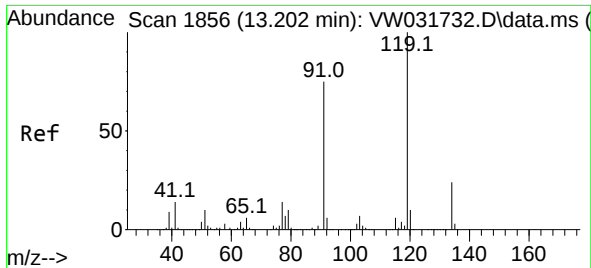
Tgt Ion: 75 Resp: 54744
Ion Ratio Lower Upper
75 100
53 107.2 83.5 125.3
89 48.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 56.028 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion: 91 Resp: 560825
Ion Ratio Lower Upper
91 100
126 31.0 16.0 47.9

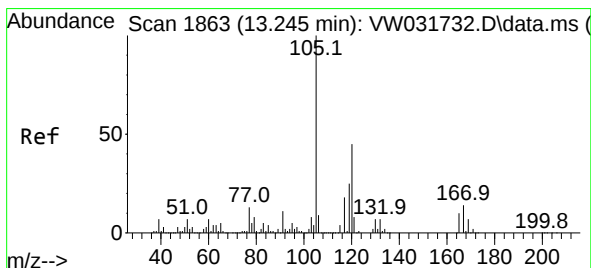
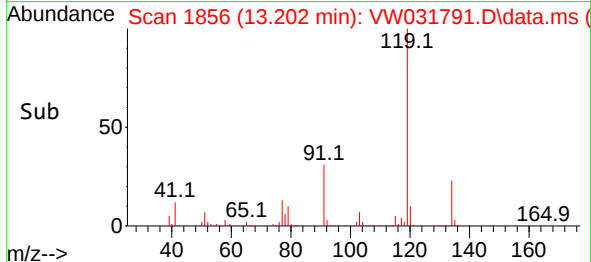
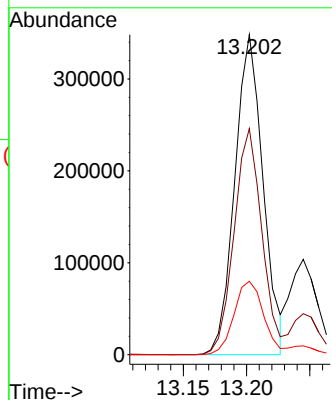
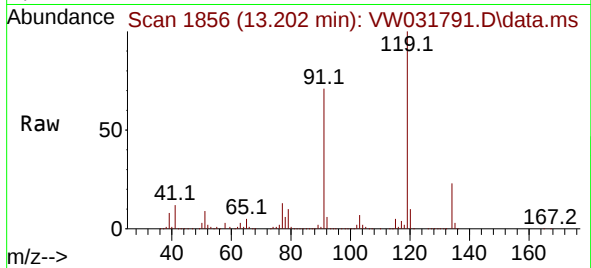




#83
tert-Butylbenzene
Concen: 57.715 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

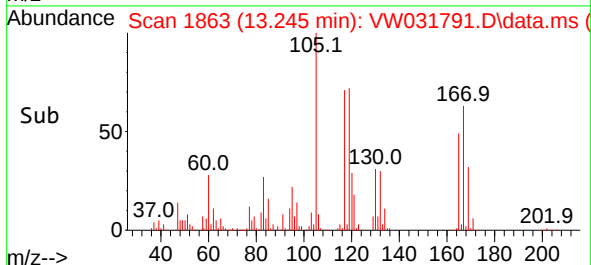
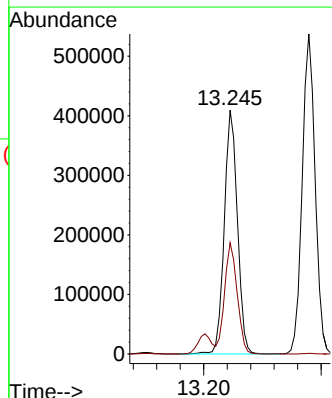
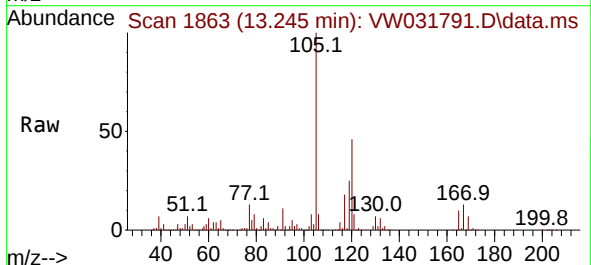
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

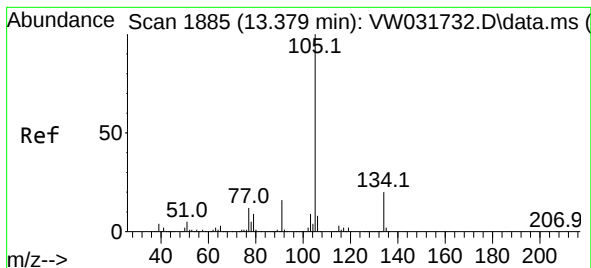
Tgt Ion:119 Resp: 541064
Ion Ratio Lower Upper
119 100
91 69.4 36.0 108.1
134 24.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 57.291 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031791.D
Acq: 10 Jul 2025 08:47

Tgt Ion:105 Resp: 635294
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1

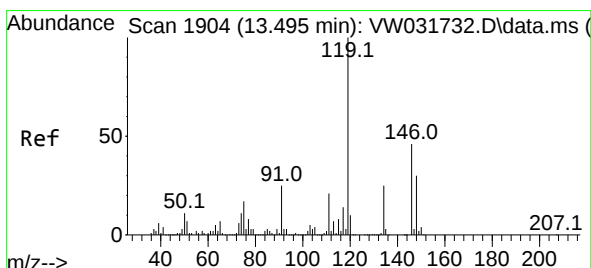
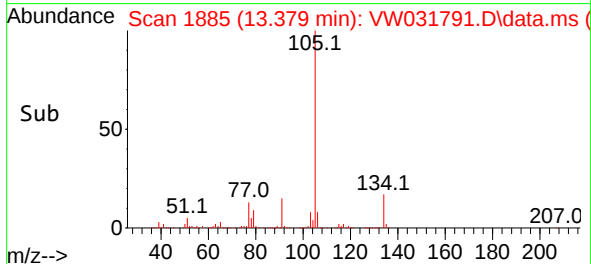
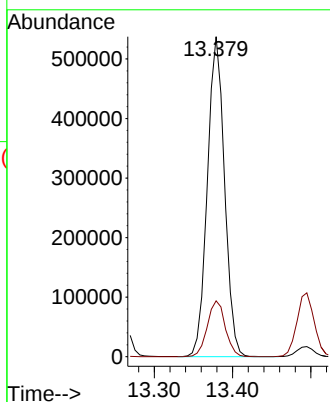
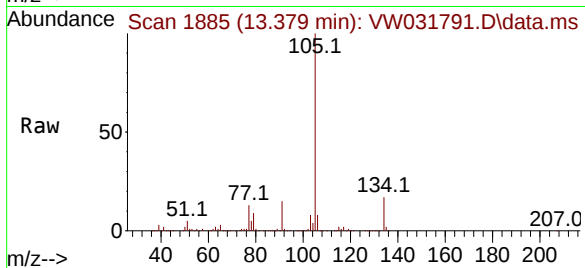




#85
 sec-Butylbenzene
 Concen: 57.987 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

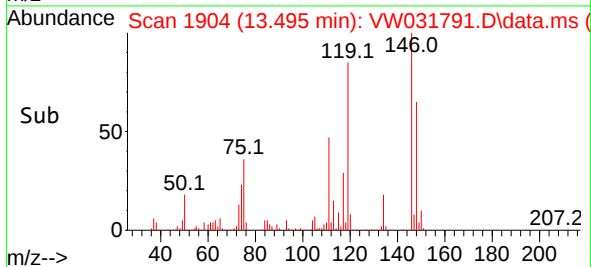
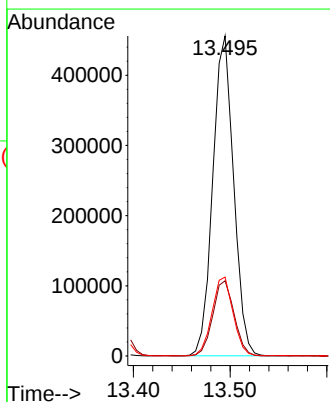
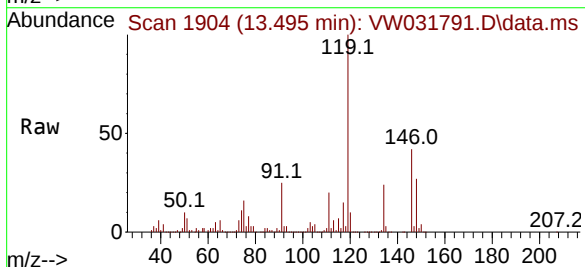
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

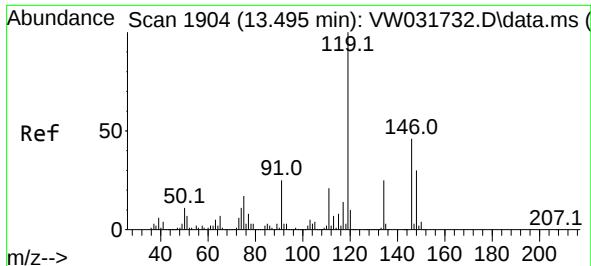
Tgt Ion:105 Resp: 815956
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 58.717 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031791.D
 Acq: 10 Jul 2025 08:47

Tgt Ion:119 Resp: 680929
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.9 38.7
 91 24.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.604 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

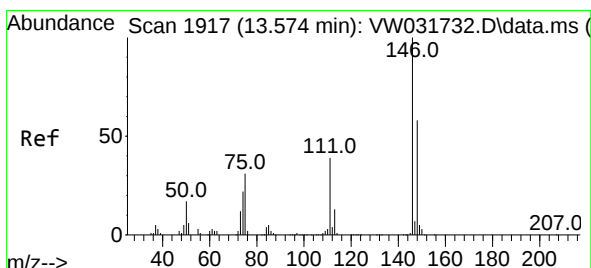
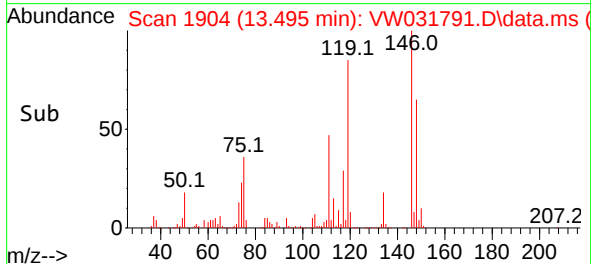
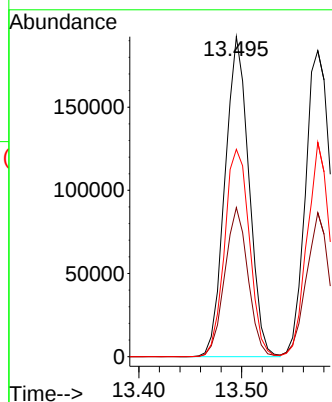
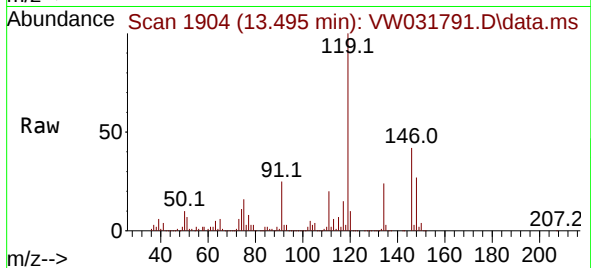
Tgt Ion:146 Resp: 311093

Ion Ratio Lower Upper

146 100

111 45.3 22.3 66.9

148 67.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.878 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

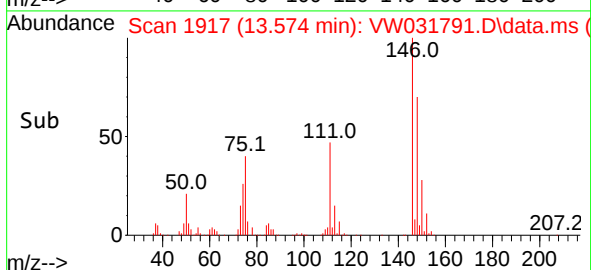
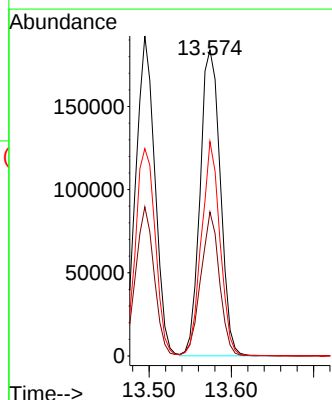
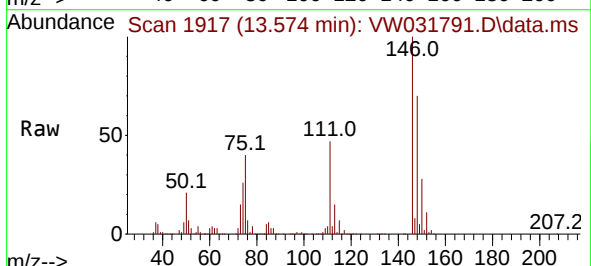
Tgt Ion:146 Resp: 314021

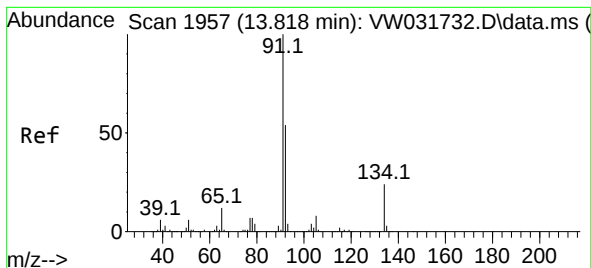
Ion Ratio Lower Upper

146 100

111 43.4 20.4 61.3

148 64.4 30.2 90.6





#89

n-Butylbenzene

Concen: 57.705 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

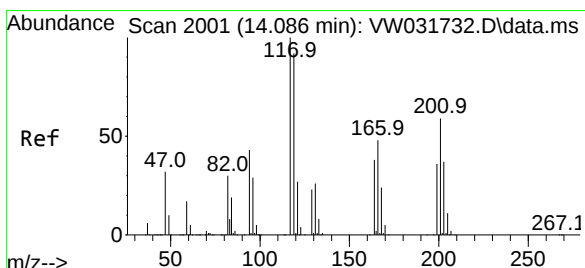
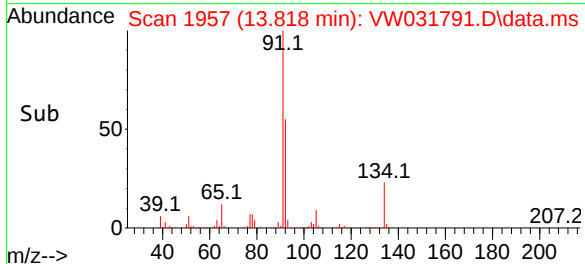
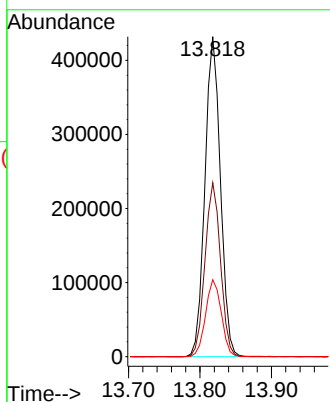
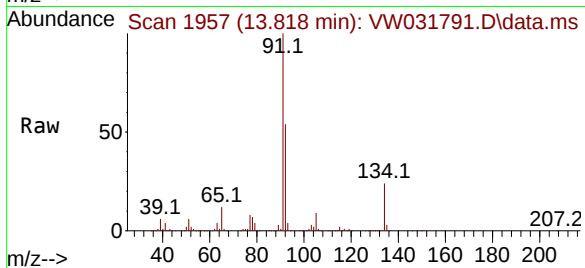
Tgt Ion: 91 Resp: 650184

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 24.4 12.2 36.6



#90

Hexachloroethane

Concen: 54.720 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031791.D

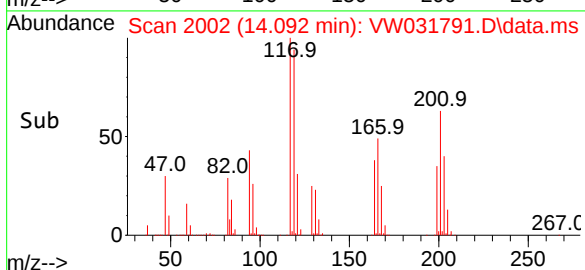
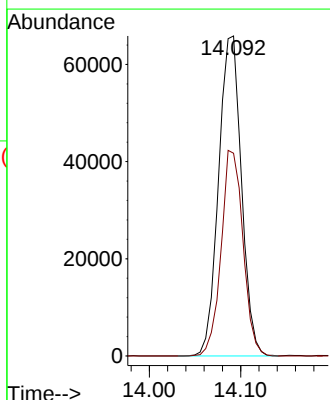
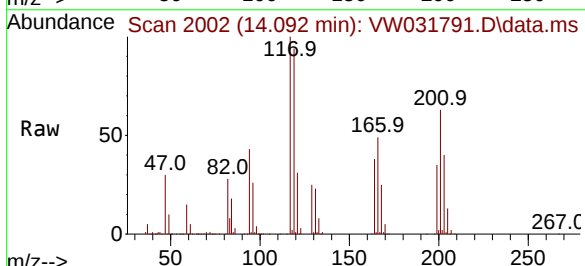
Acq: 10 Jul 2025 08:47

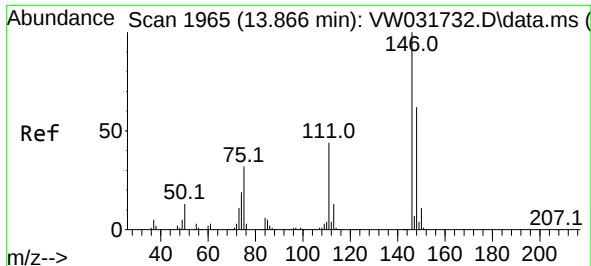
Tgt Ion: 117 Resp: 114483

Ion Ratio Lower Upper

117 100

201 61.5 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 52.908 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

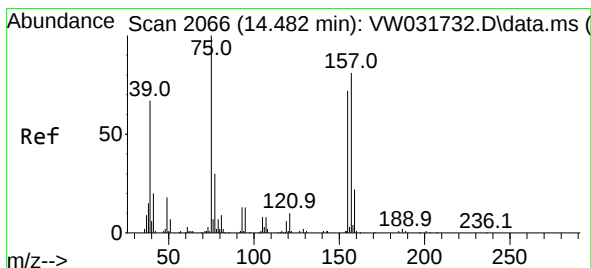
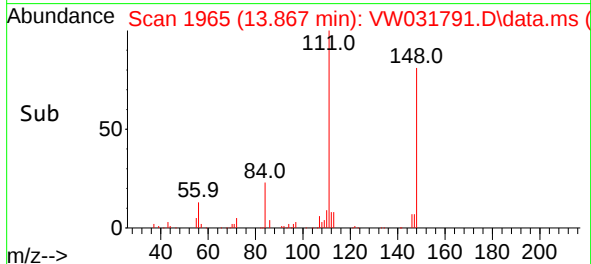
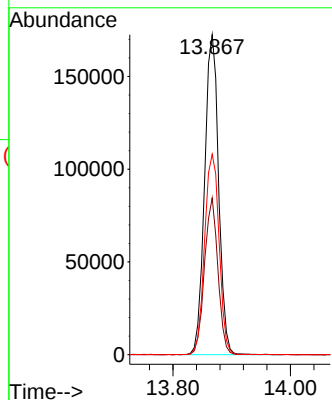
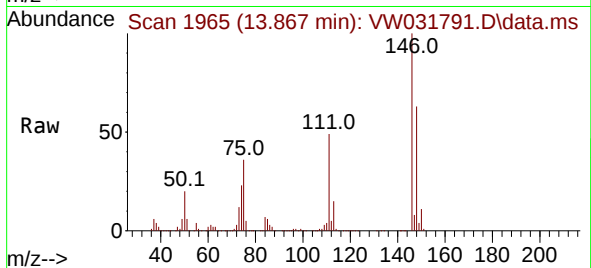
Tgt Ion:146 Resp: 285982

Ion Ratio Lower Upper

146 100

111 47.1 21.7 65.1

148 64.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.471 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

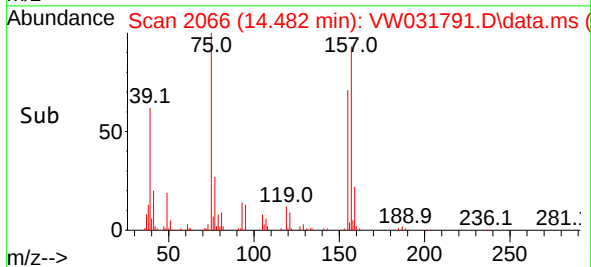
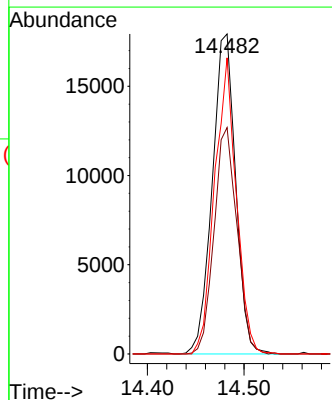
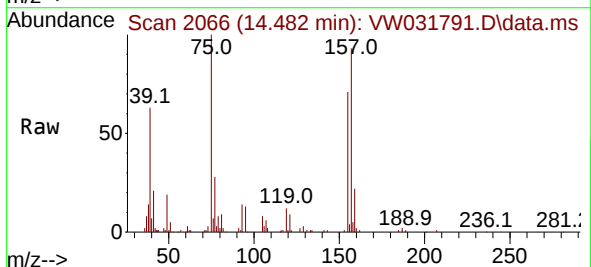
Tgt Ion: 75 Resp: 30074

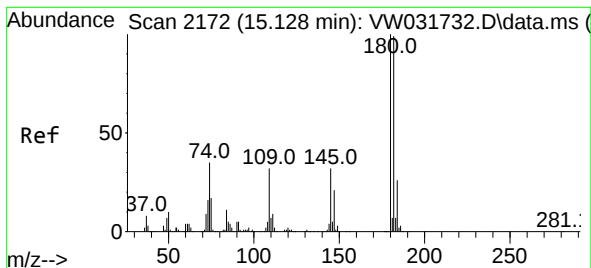
Ion Ratio Lower Upper

75 100

155 69.5 37.2 111.6

157 86.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 54.930 ug/l

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

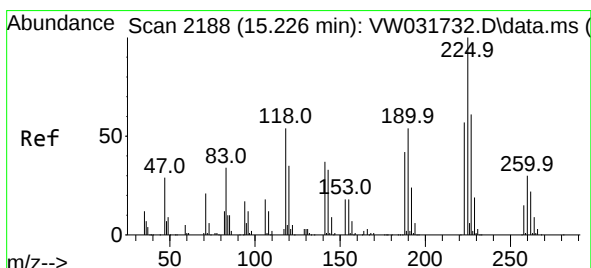
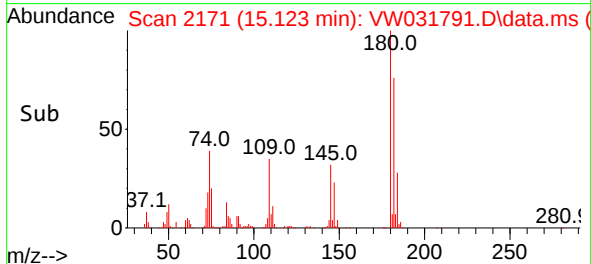
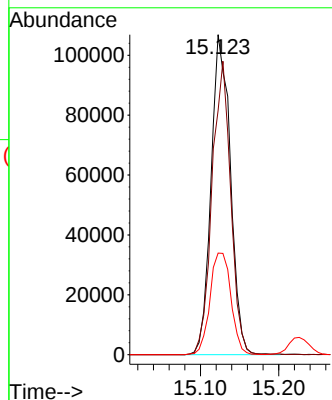
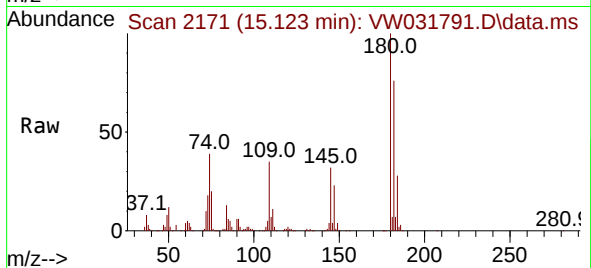
Tgt Ion:180 Resp: 183110

Ion Ratio Lower Upper

180 100

182 88.6 48.6 145.9

145 34.6 17.3 51.7



#94

Hexachlorobutadiene

Concen: 55.092 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

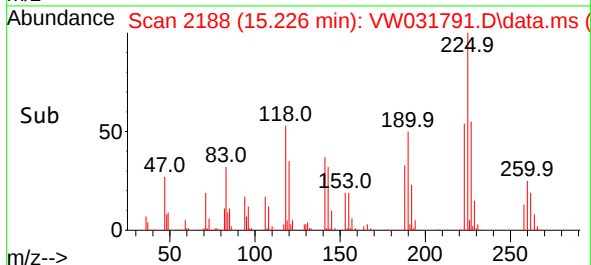
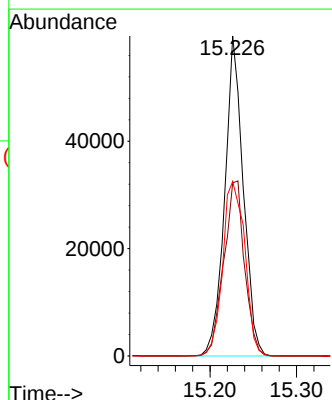
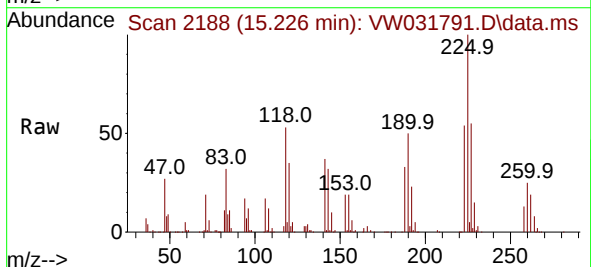
Tgt Ion:225 Resp: 88681

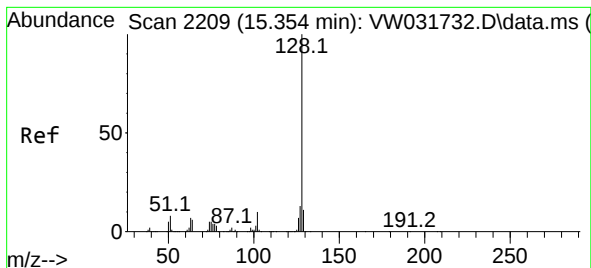
Ion Ratio Lower Upper

225 100

223 61.4 32.6 97.8

227 64.8 37.3 111.8





#95

Naphthalene

Concen: 56.091 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

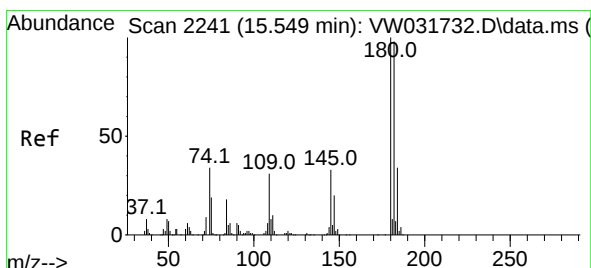
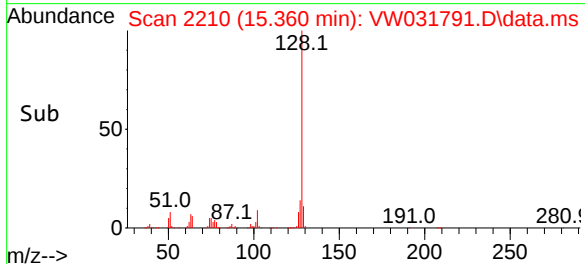
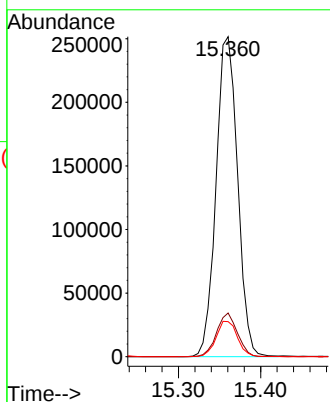
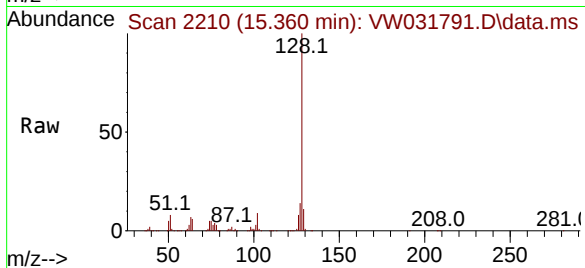
Tgt Ion:128 Resp: 458410

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.834 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031791.D

Acq: 10 Jul 2025 08:47

Tgt Ion:180 Resp: 167959

Ion Ratio Lower Upper

180 100

182 96.2 46.4 139.1

145 36.1 17.8 53.3

