

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032350.D
 Acq On : 03 Oct 2025 13:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 05:03:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	257224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	481786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	455587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	224458	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	203998	54.374	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.740%	
35) Dibromofluoromethane	7.898	113	166116	53.241	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 106.480%	
50) Toluene-d8	10.325	98	614194	53.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.617	95	232879	53.504	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 107.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	77572	48.058	ug/l	98
3) Chloromethane	2.253	50	116663	46.841	ug/l	100
4) Vinyl Chloride	2.405	62	150292	50.545	ug/l	97
5) Bromomethane	2.826	94	111067	50.829	ug/l	95
6) Chloroethane	2.972	64	102695	52.312	ug/l	98
7) Trichlorofluoromethane	3.308	101	119119	53.505	ug/l	98
8) Diethyl Ether	3.722	74	102572	53.169	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.106	101	133469	49.983	ug/l	94
10) Methyl Iodide	4.313	142	209781	55.060	ug/l	96
11) Tert butyl alcohol	5.222	59	70651	248.786	ug/l	96
12) 1,1-Dichloroethene	4.076	96	153008	52.780	ug/l	91
13) Acrolein	3.929	56	100928	218.984	ug/l	99
14) Allyl chloride	4.704	41	257964	52.684	ug/l	90
15) Acrylonitrile	5.405	53	273464	272.478	ug/l	99
16) Acetone	4.161	43	248479	239.189	ug/l	99
17) Carbon Disulfide	4.423	76	413405	52.265	ug/l	98
18) Methyl Acetate	4.704	43	167617	56.326	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	313259	54.864	ug/l	97
20) Methylene Chloride	4.954	84	197608	58.356	ug/l	95
21) trans-1,2-Dichloroethene	5.466	96	170992	53.276	ug/l	96
22) Diisopropyl ether	6.344	45	560603	55.052	ug/l	93
23) Vinyl Acetate	6.283	43	1869846	274.908	ug/l	100
24) 1,1-Dichloroethane	6.246	63	329290	53.225	ug/l	98
25) 2-Butanone	7.191	43	376370	266.015	ug/l	99
26) 2,2-Dichloropropane	7.191	77	166957	52.758	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	204919	53.146	ug/l	94
28) Bromochloromethane	7.532	49	156454	53.750	ug/l	88
29) Tetrahydrofuran	7.551	42	245993	276.473	ug/l	95
30) Chloroform	7.691	83	335318	53.443	ug/l	99
31) Cyclohexane	7.971	56	252632	47.832	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	237096	53.326	ug/l	99
36) 1,1-Dichloropropene	8.093	75	232436	52.786	ug/l	98
37) Ethyl Acetate	7.276	43	159794	54.520	ug/l	99
38) Carbon Tetrachloride	8.087	117	211404	51.019	ug/l	96
39) Methylcyclohexane	9.343	83	272015	51.213	ug/l	98
40) Benzene	8.337	78	726175	52.613	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	87837	55.609	ug/l	93
42) 1,2-Dichloroethane	8.410	62	241132	53.393	ug/l	100
43) Isopropyl Acetate	8.435	43	281670	54.173	ug/l	99
44) Trichloroethene	9.099	130	166091	51.393	ug/l	93
45) 1,2-Dichloropropane	9.373	63	183278	53.200	ug/l	98
46) Dibromomethane	9.465	93	109969	51.911	ug/l	97
47) Bromodichloromethane	9.654	83	257203	53.082	ug/l	94
48) Methyl methacrylate	9.441	41	139046	55.003	ug/l #	92
49) 1,4-Dioxane	9.465	88	32417	1119.559	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	836339	277.715	ug/l	99
52) Toluene	10.392	92	456489	53.110	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	255336	54.318	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	288430	53.267	ug/l	96
55) 1,1,2-Trichloroethane	10.794	97	151389	53.469	ug/l	96
56) Ethyl methacrylate	10.648	69	221854	55.982	ug/l	94
57) 1,3-Dichloropropane	10.934	76	273020	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	614228	291.228	ug/l	95
59) 2-Hexanone	10.971	43	589171	277.391	ug/l	100
60) Dibromochloromethane	11.129	129	176740	54.975	ug/l	97
61) 1,2-Dibromoethane	11.233	107	151036	54.708	ug/l	99
64) Tetrachloroethene	10.861	164	133520	48.978	ug/l #	85
65) Chlorobenzene	11.660	112	507522	50.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	161077	51.592	ug/l	99
67) Ethyl Benzene	11.727	91	865246	51.784	ug/l	93
68) m/p-Xylenes	11.836	106	666537	103.450	ug/l	99
69) o-Xylene	12.166	106	317420	52.680	ug/l	99
70) Styrene	12.178	104	562781	53.496	ug/l	98
71) Bromoform	12.349	173	90422	50.526	ug/l #	97
73) Isopropylbenzene	12.464	105	778932	50.724	ug/l	99
74) N-amyl acetate	12.269	43	258509	52.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	192737	50.548	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	247159	83.676	ug/l	40
77) Bromobenzene	12.745	156	186863	50.480	ug/l	87
78) n-propylbenzene	12.800	91	959621	50.027	ug/l	98
79) 2-Chlorotoluene	12.891	91	594305	50.671	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	670624	50.504	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	61381	52.643	ug/l	94
82) 4-Chlorotoluene	12.983	91	637038	51.087	ug/l	99
83) tert-Butylbenzene	13.202	119	559925	51.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	699975	51.842	ug/l	99
85) sec-Butylbenzene	13.379	105	831078	49.916	ug/l	98
86) p-Isopropyltoluene	13.495	119	703597	50.930	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	378471	50.491	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	378471	50.496	ug/l	97
89) n-Butylbenzene	13.818	91	692643	51.350	ug/l	99
90) Hexachloroethane	14.086	117	124373	50.227	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	336017	49.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	33729	50.523	ug/l	88
93) 1,2,4-Trichlorobenzene	15.129	180	195456	48.105	ug/l	94
94) Hexachlorobutadiene	15.232	225	84308	45.384	ug/l	92
95) Naphthalene	15.360	128	513728	52.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	184412	48.153	ug/l	93

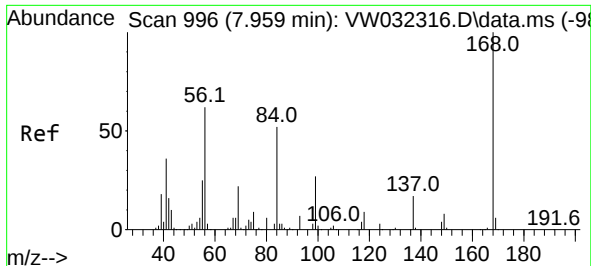
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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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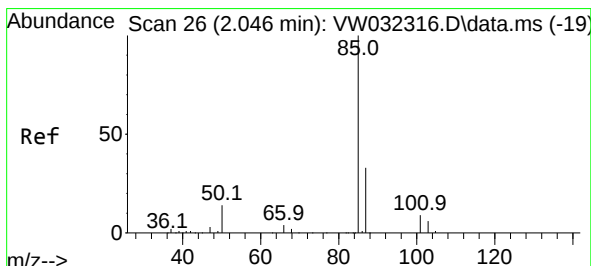
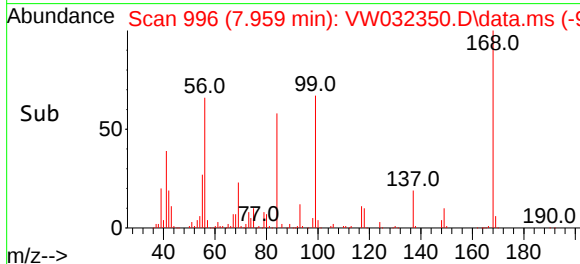
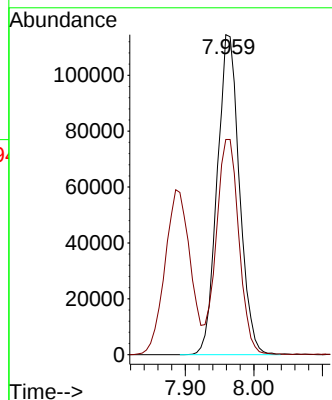
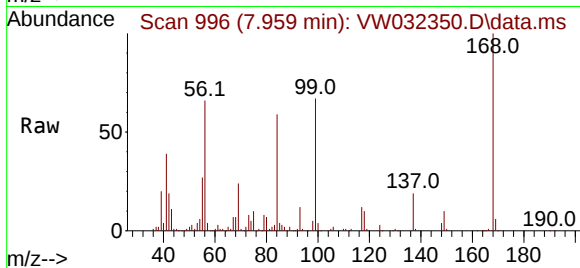
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

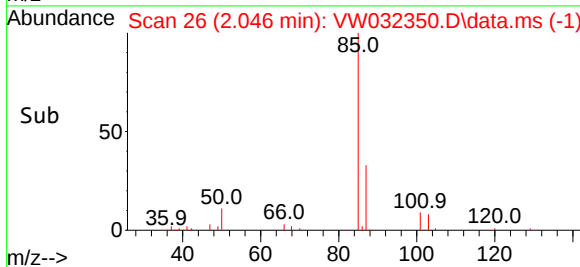
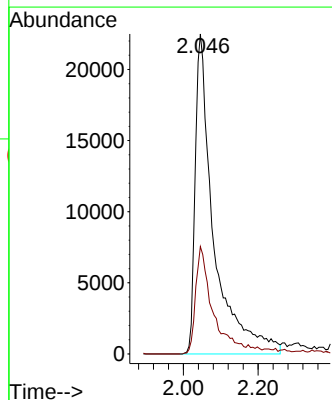
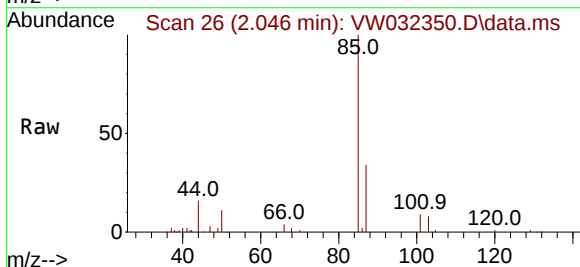
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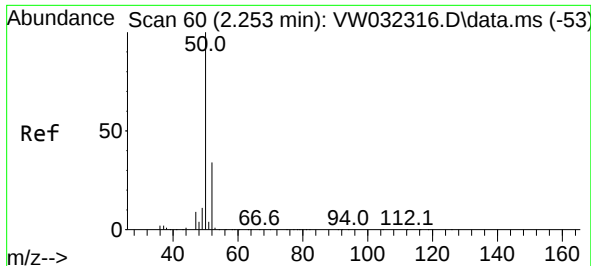
Tgt Ion:168 Resp: 257224
Ion Ratio Lower Upper
168 100
99 67.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 48.058 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 85 Resp: 77572
Ion Ratio Lower Upper
85 100
87 33.5 17.2 51.6

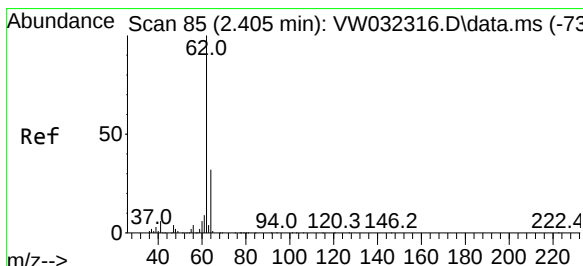
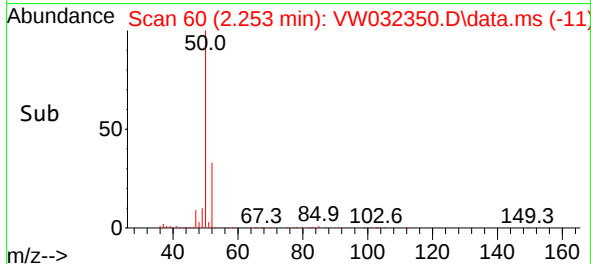
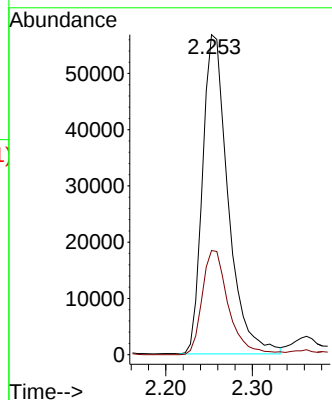
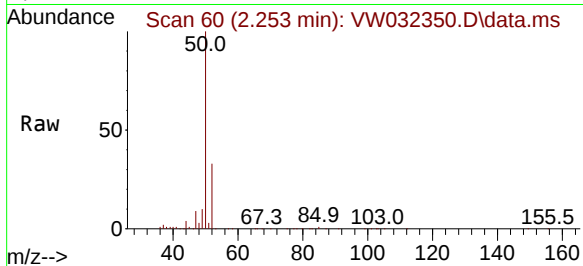




#3
Chloromethane
Concen: 46.841 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

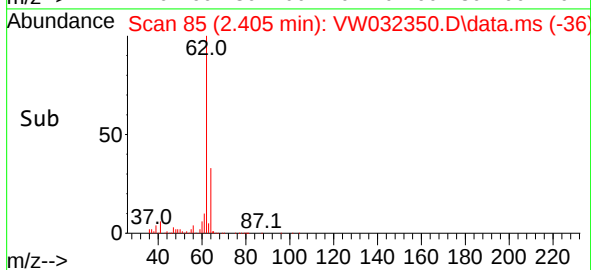
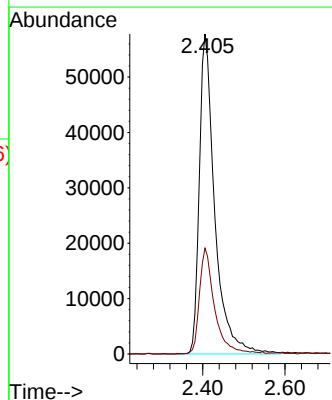
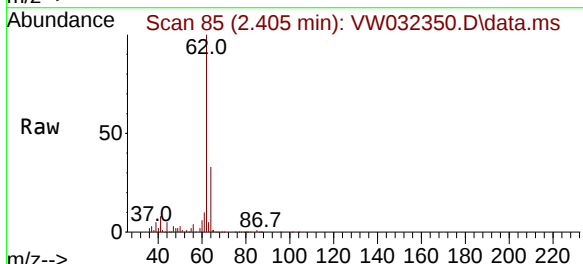
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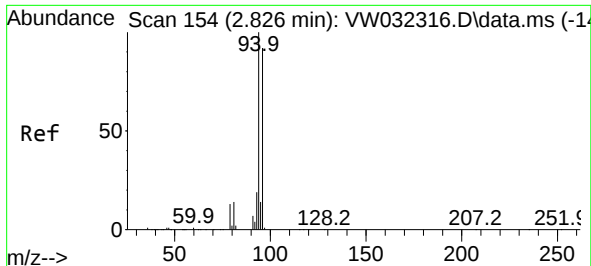
Tgt Ion: 50 Resp: 116663
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 50.545 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 62 Resp: 150292
Ion Ratio Lower Upper
62 100
64 32.9 24.8 37.2

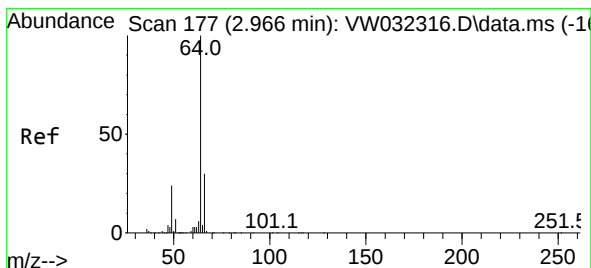
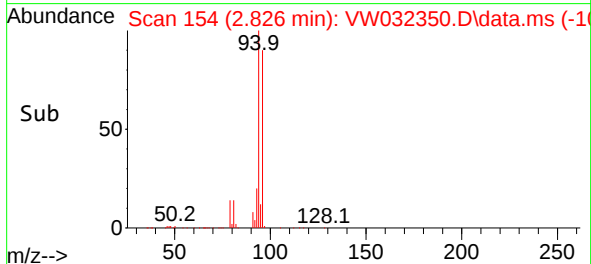
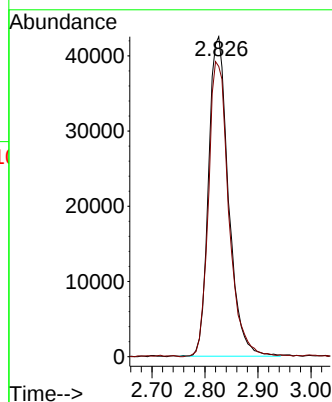
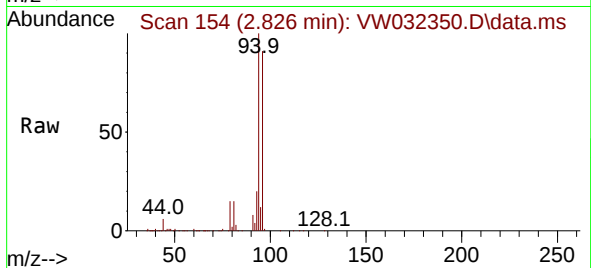




#5
Bromomethane
Concen: 50.829 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

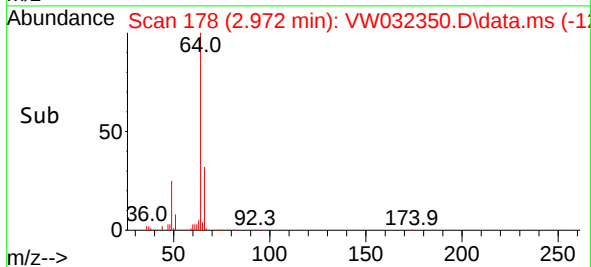
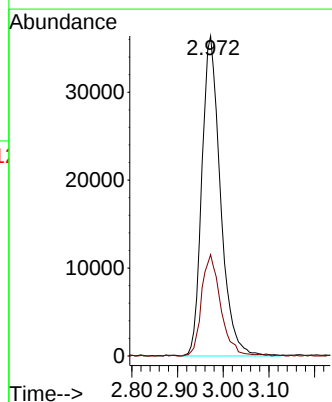
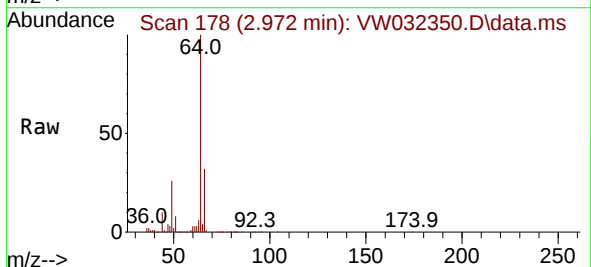
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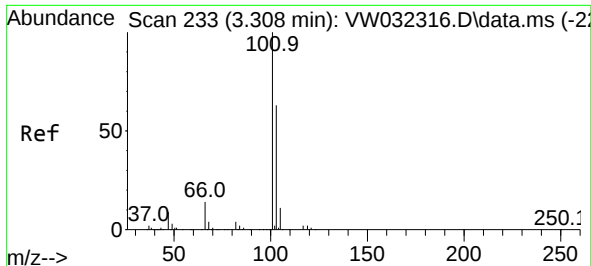
Tgt Ion: 94 Resp: 111067
Ion Ratio Lower Upper
94 100
96 90.8 76.6 115.0



#6
Chloroethane
Concen: 52.312 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 64 Resp: 102695
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4

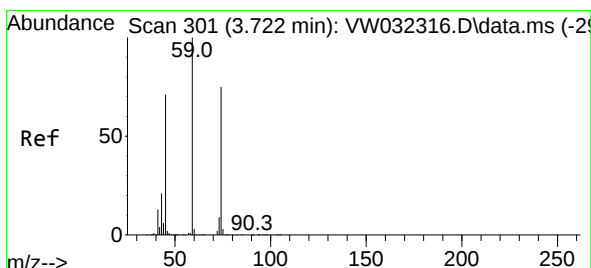
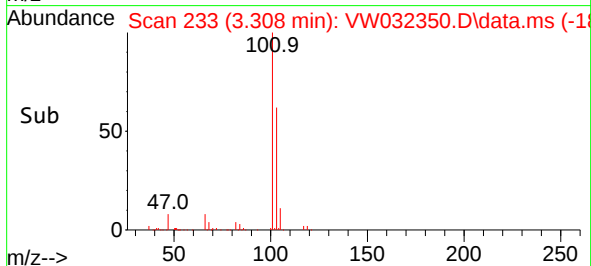
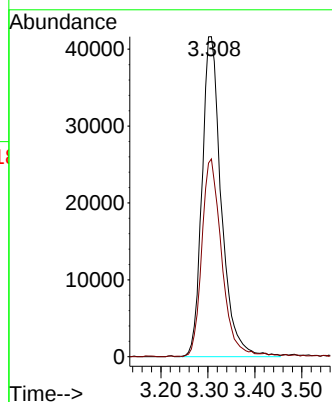
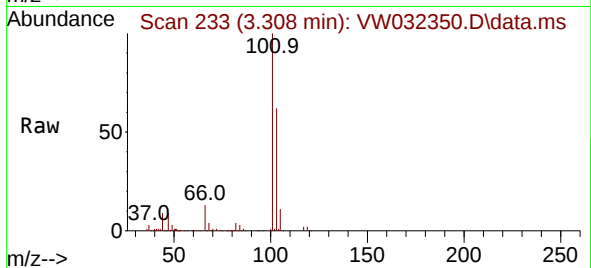




#7
 Trichlorofluoromethane
 Concen: 53.505 ug/l
 RT: 3.308 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

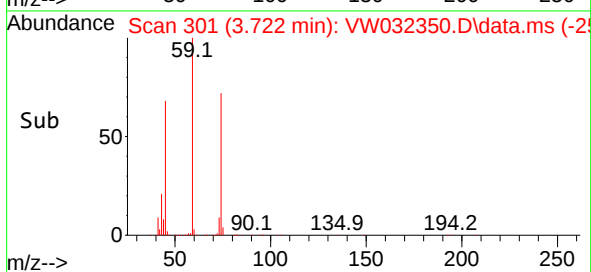
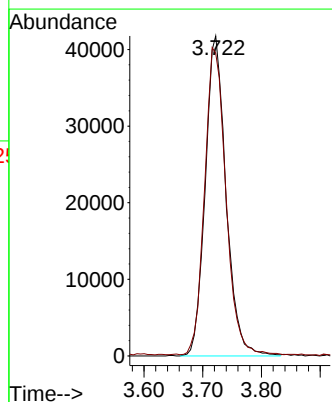
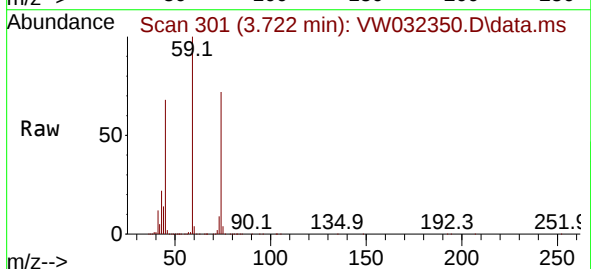
Instrument :
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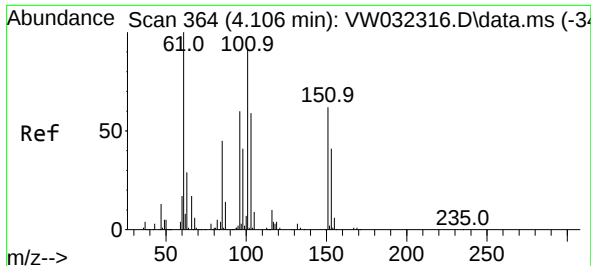
Tgt Ion:101 Resp: 119119
 Ion Ratio Lower Upper
 101 100
 103 61.7 47.8 71.8



#8
 Diethyl Ether
 Concen: 53.169 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

Tgt Ion: 74 Resp: 102572
 Ion Ratio Lower Upper
 74 100
 45 98.3 43.1 129.4

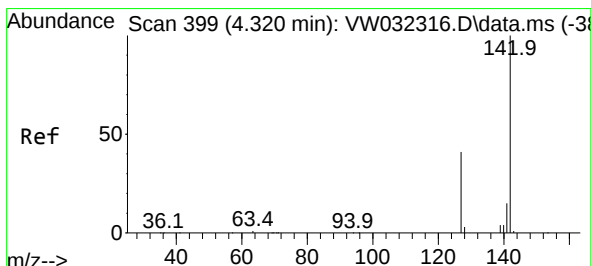
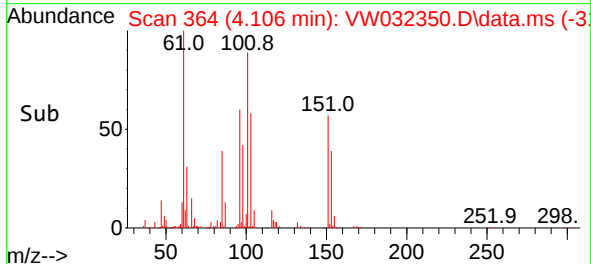
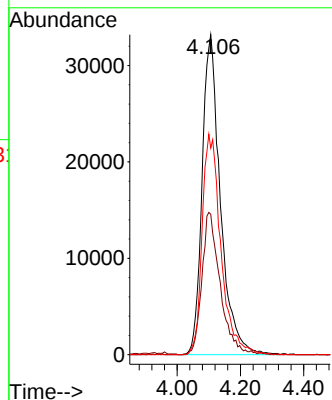
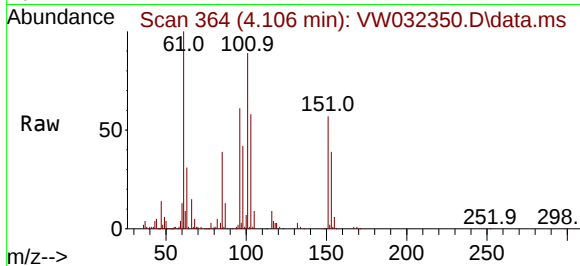




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.983 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

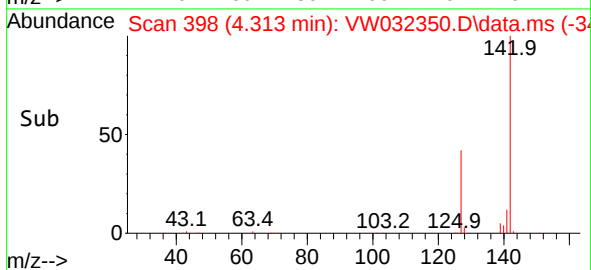
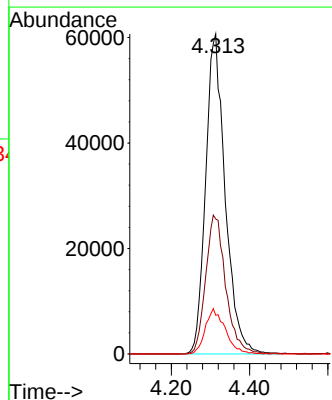
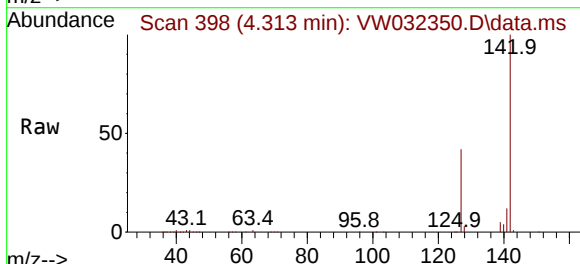
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

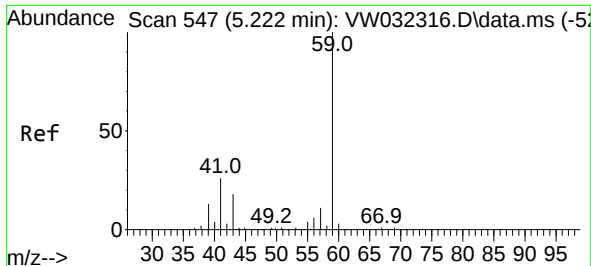
Tgt Ion:101 Resp: 133469
Ion Ratio Lower Upper
101 100
85 44.3 37.1 55.7
151 70.7 61.5 92.3



#10
Methyl Iodide
Concen: 55.060 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:142 Resp: 209781
Ion Ratio Lower Upper
142 100
127 44.5 38.2 57.2
141 14.4 12.2 18.2

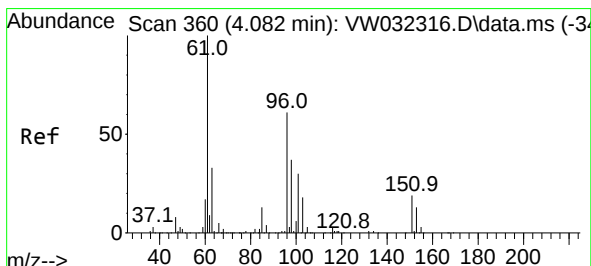
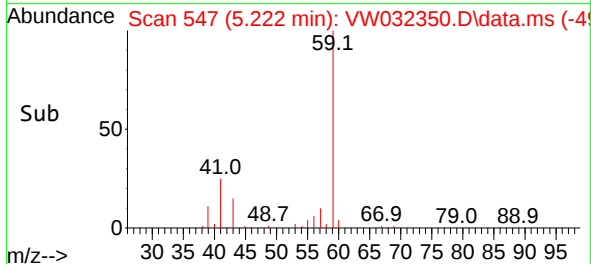
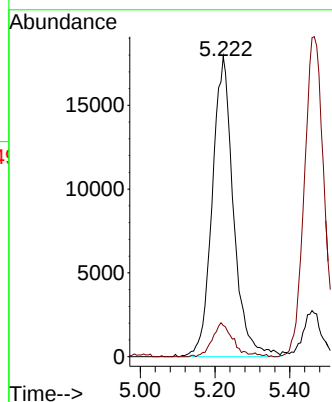
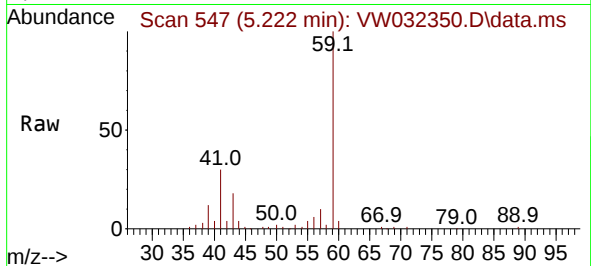




#11
Tert butyl alcohol
Concen: 248.786 ug/l
RT: 5.222 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

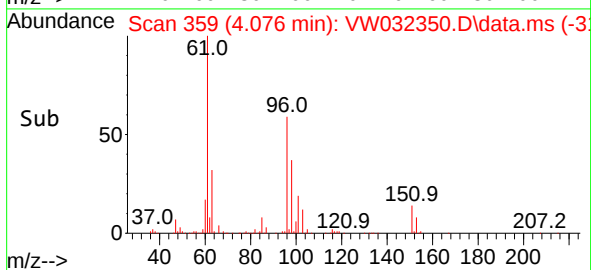
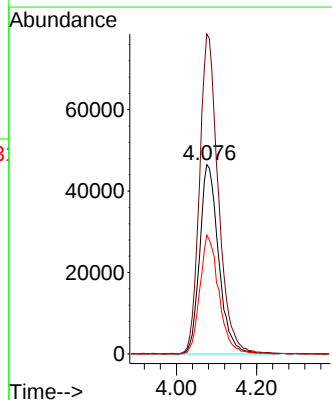
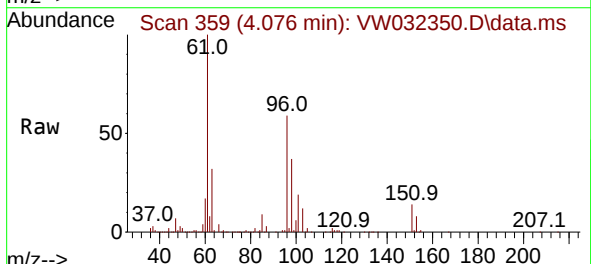
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

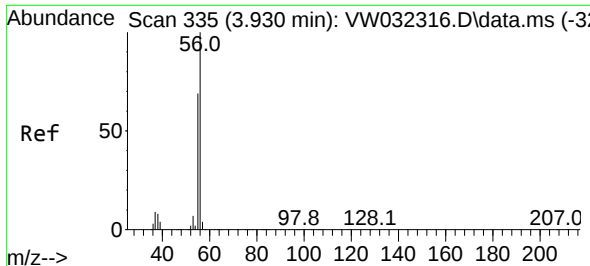
Tgt Ion: 59 Resp: 70651
Ion Ratio Lower Upper
59 100
57 10.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 52.780 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 96 Resp: 153008
Ion Ratio Lower Upper
96 100
61 168.7 123.0 184.4
98 62.6 48.5 72.7

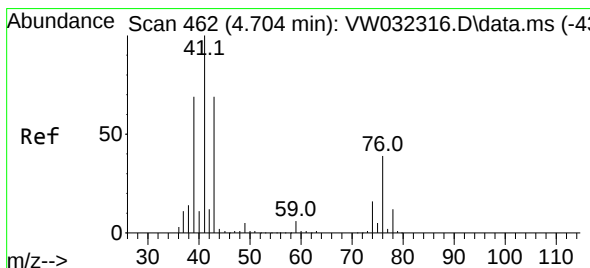
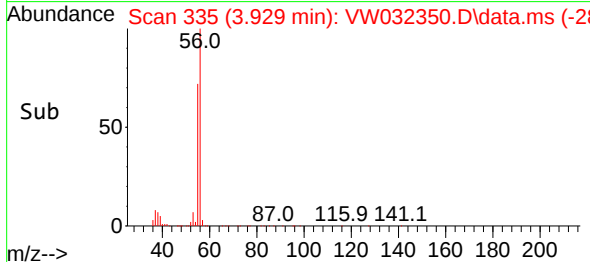
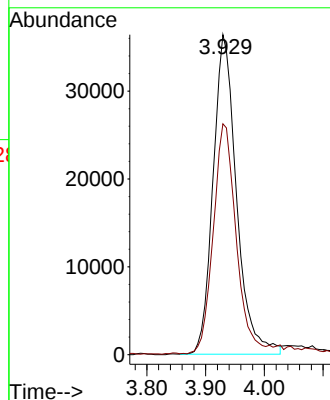
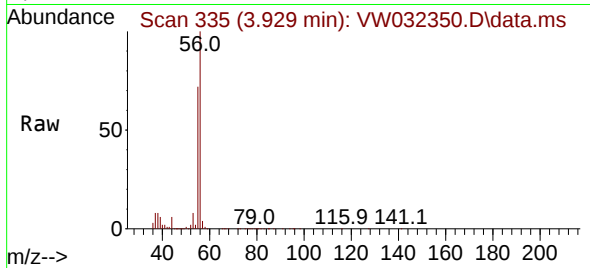




#13
Acrolein
Concen: 218.984 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

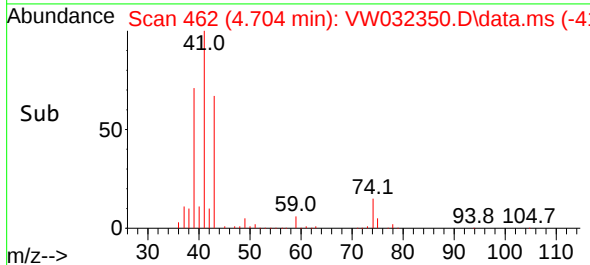
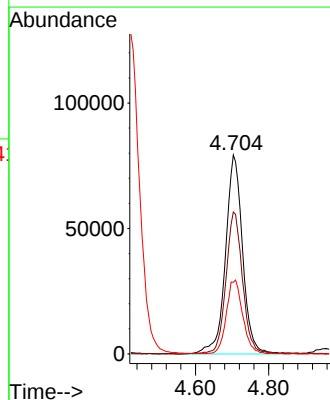
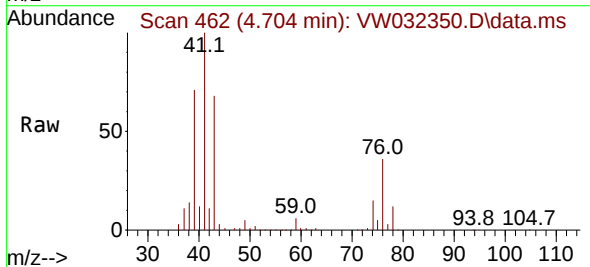
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

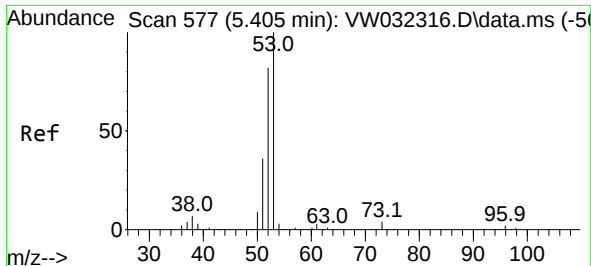
Tgt Ion: 56 Resp: 100928
Ion Ratio Lower Upper
56 100
55 71.6 56.4 84.6



#14
Allyl chloride
Concen: 52.684 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 41 Resp: 257964
Ion Ratio Lower Upper
41 100
39 69.5 64.1 96.1
76 35.1 31.4 47.2

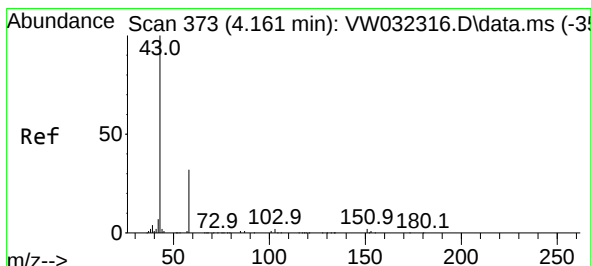
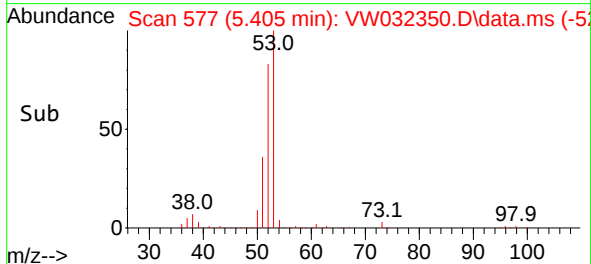
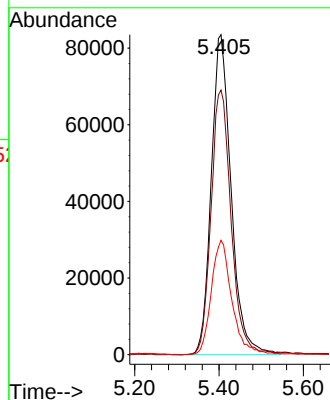
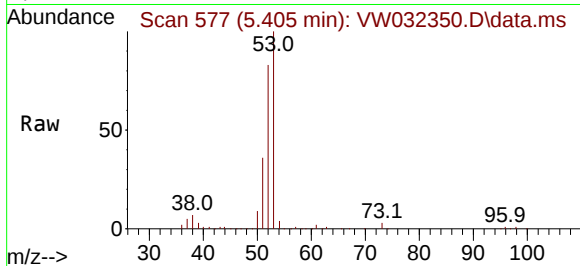




#15
Acrylonitrile
Concen: 272.478 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

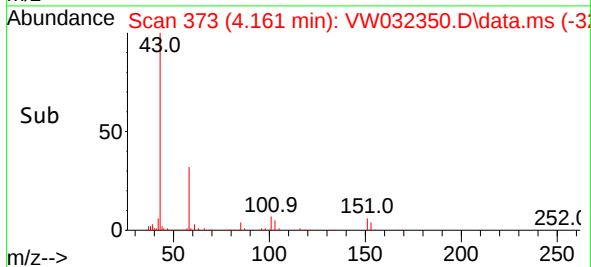
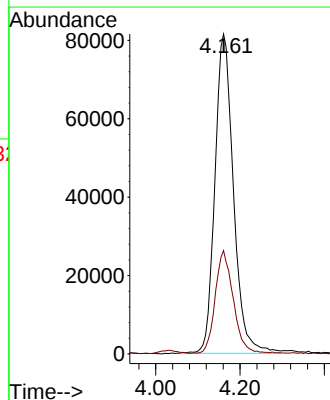
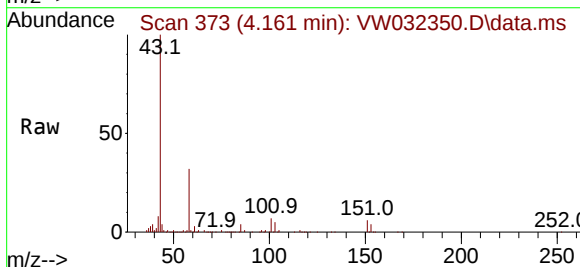
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

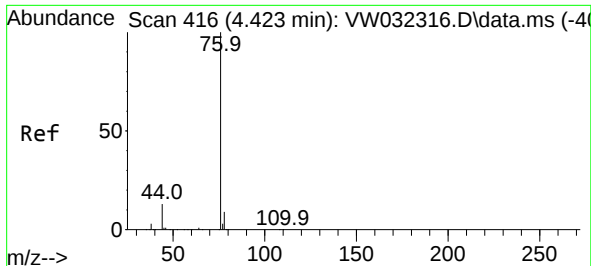
Tgt Ion: 53 Resp: 273464
Ion Ratio Lower Upper
53 100
52 83.7 67.4 101.2
51 37.2 30.3 45.5



#16
Acetone
Concen: 239.189 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 43 Resp: 248479
Ion Ratio Lower Upper
43 100
58 32.0 25.3 37.9

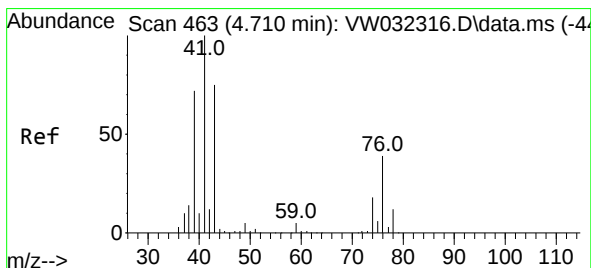
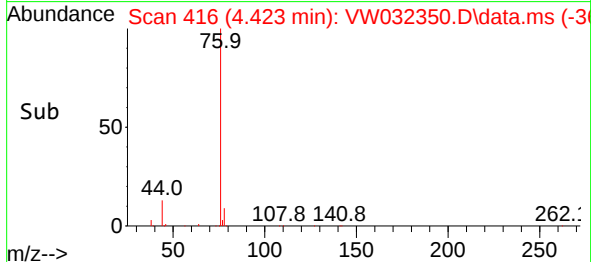
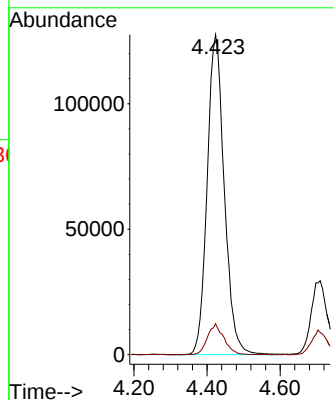
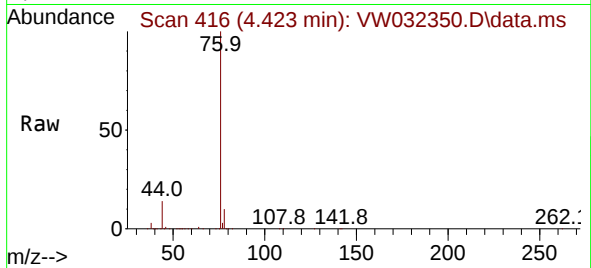




#17
Carbon Disulfide
Concen: 52.265 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

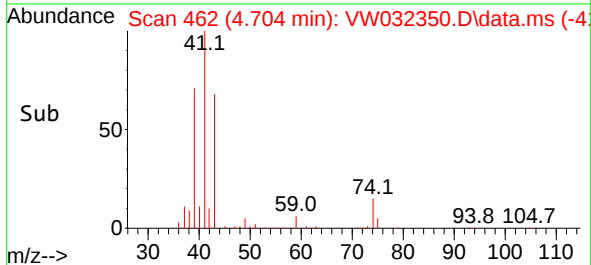
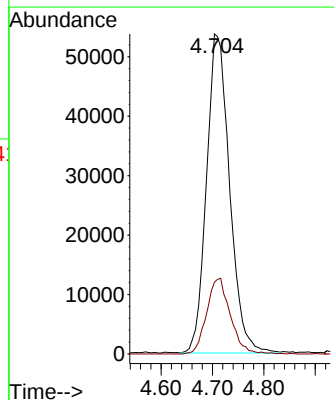
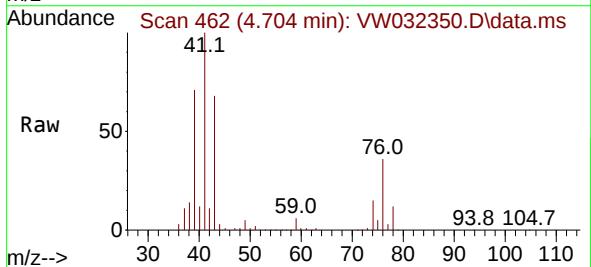
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

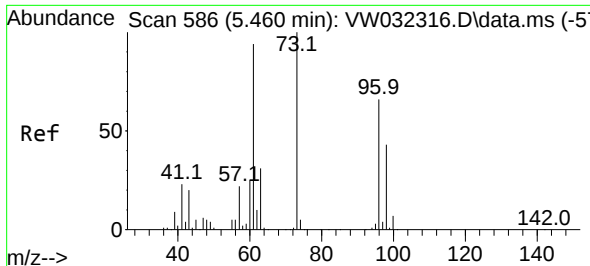
Tgt Ion: 76 Resp: 413405
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 56.326 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 43 Resp: 167617
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

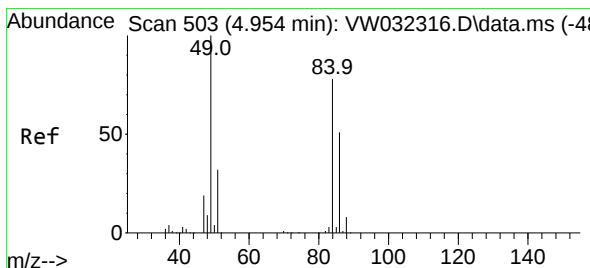
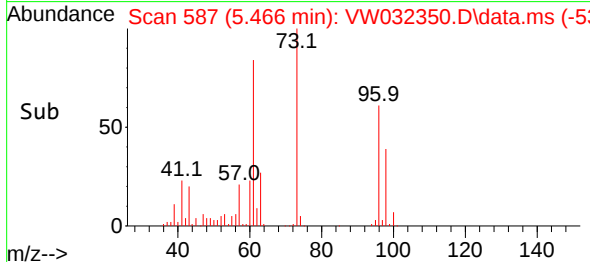
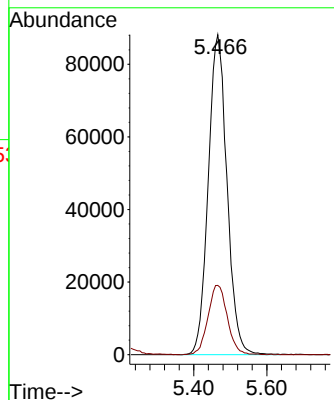
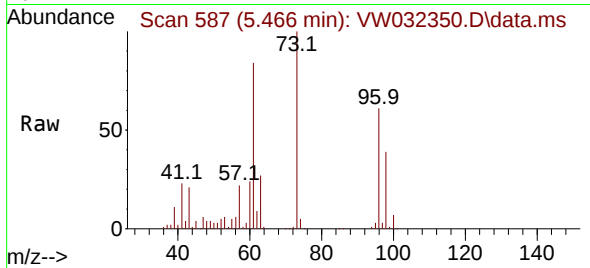




#19
Methyl tert-butyl Ether
Concen: 54.864 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

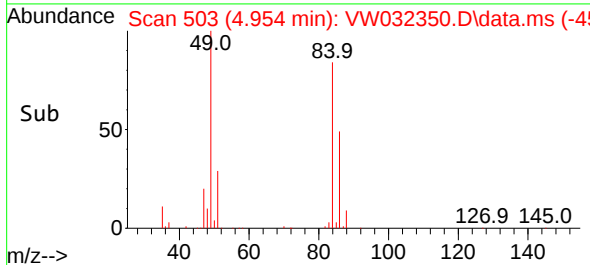
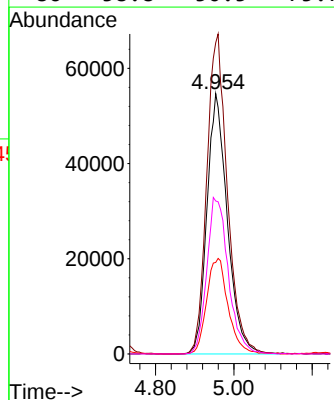
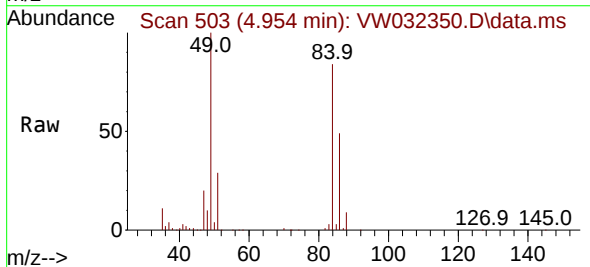
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

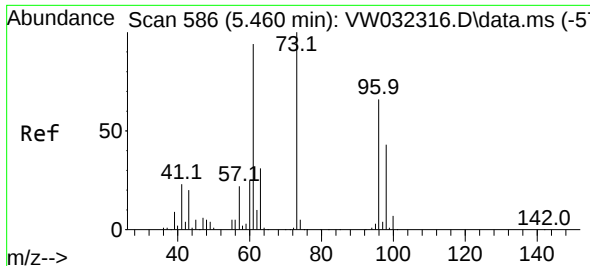
Tgt Ion: 73 Resp: 313259
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.4



#20
Methylene Chloride
Concen: 58.356 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 84 Resp: 197608
Ion Ratio Lower Upper
84 100
49 119.5 92.2 138.4
51 35.2 31.0 46.6
86 58.8 50.5 75.7

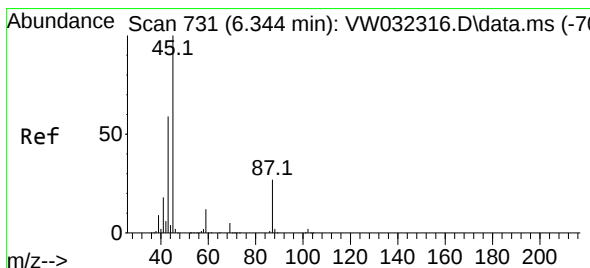
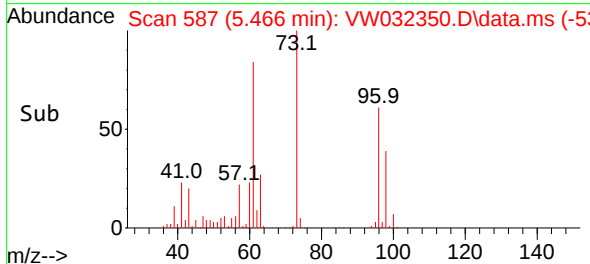
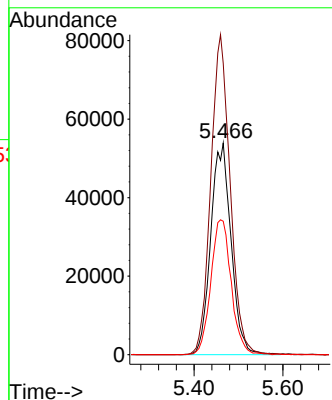
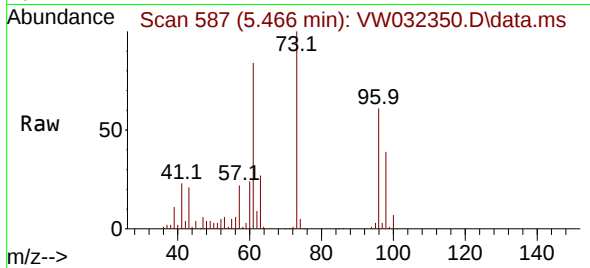




#21
trans-1,2-Dichloroethene
Concen: 53.276 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

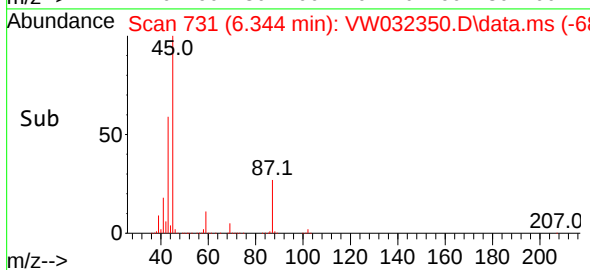
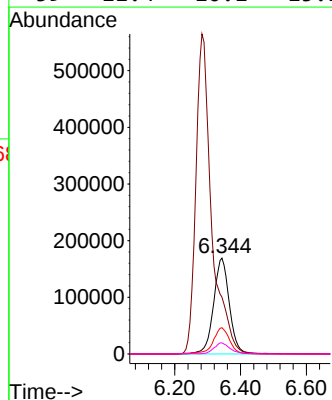
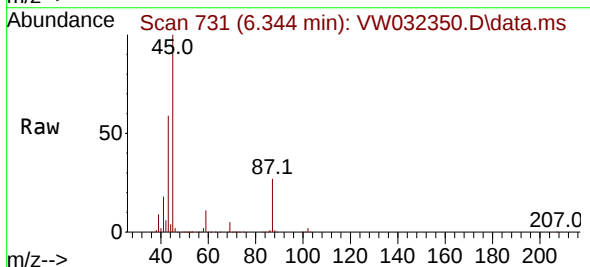
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

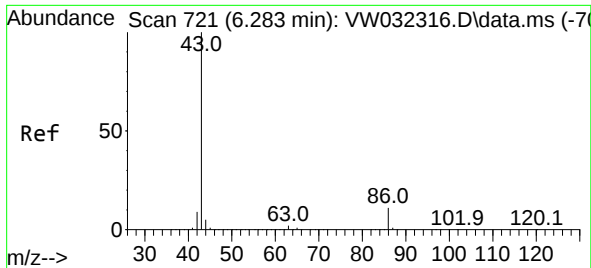
Tgt Ion: 96 Resp: 170992
Ion Ratio Lower Upper
96 100
61 137.6 112.5 168.7
98 63.1 54.2 81.4



#22
Diisopropyl ether
Concen: 55.052 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 45 Resp: 560603
Ion Ratio Lower Upper
45 100
43 59.0 51.4 77.2
87 27.4 25.9 38.9
59 11.4 10.1 15.1

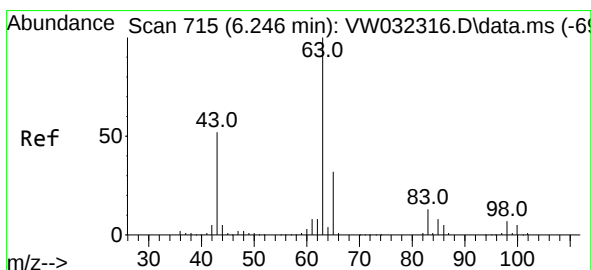
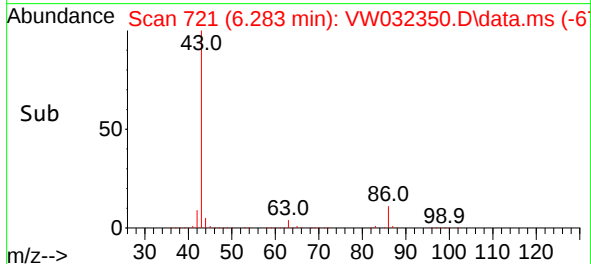
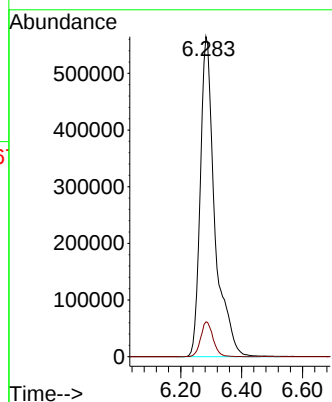
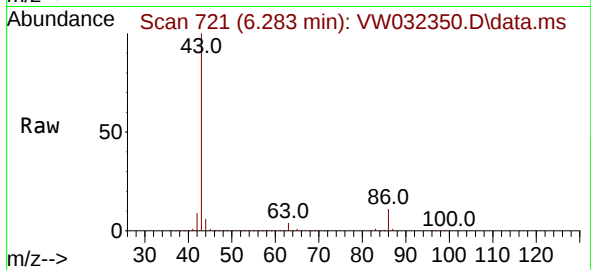




#23
 Vinyl Acetate
 Concen: 274.908 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

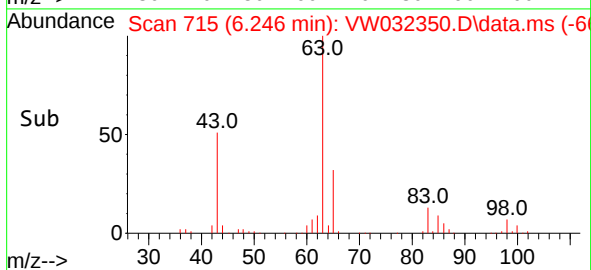
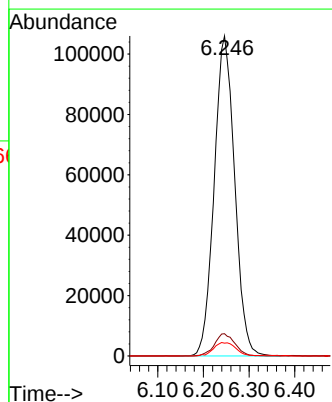
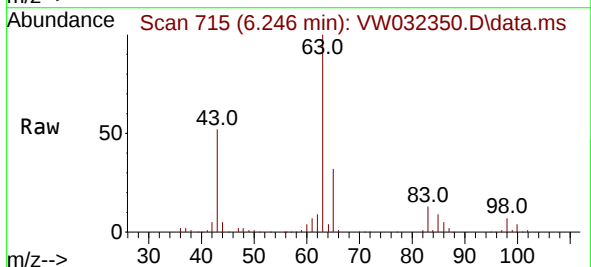
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

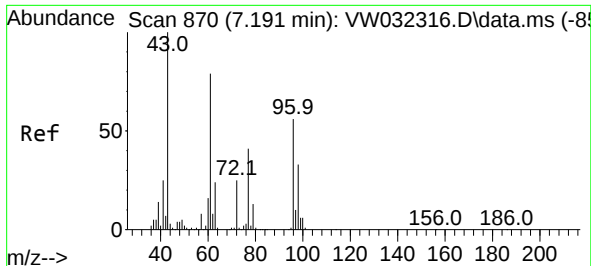
Tgt Ion: 43 Resp: 1869846
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 53.225 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

Tgt Ion: 63 Resp: 329290
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.0 2.5 7.5

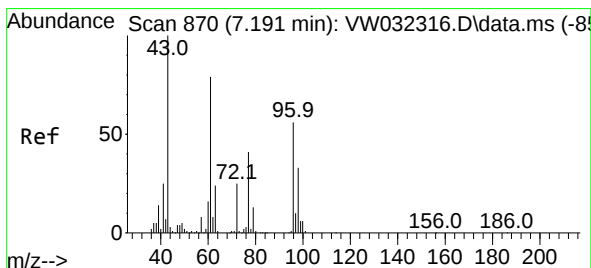
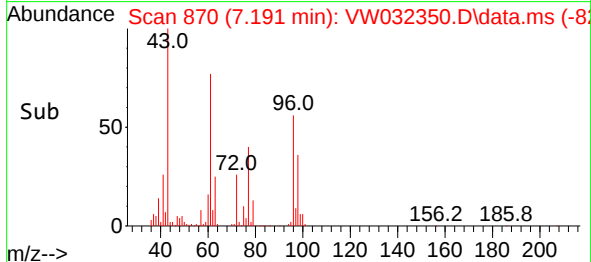
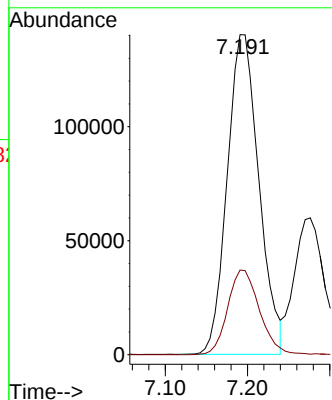
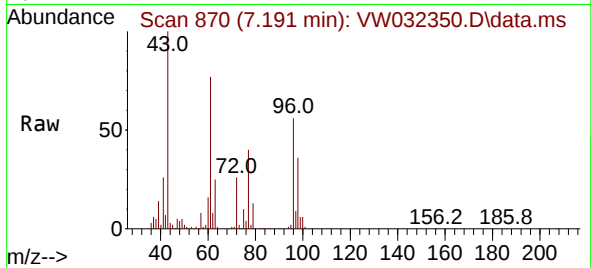




#25
2-Butanone
Concen: 266.015 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

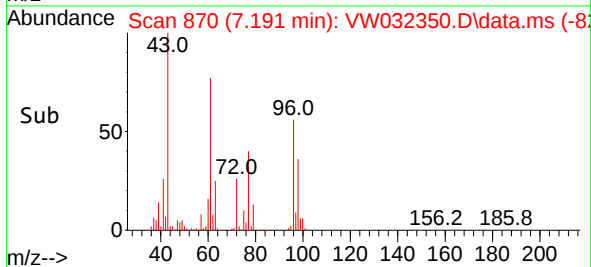
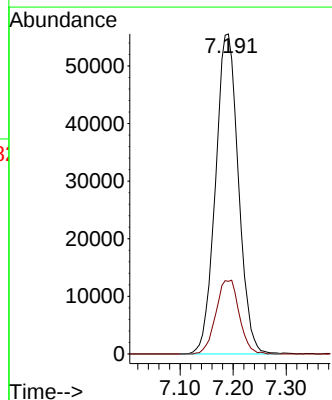
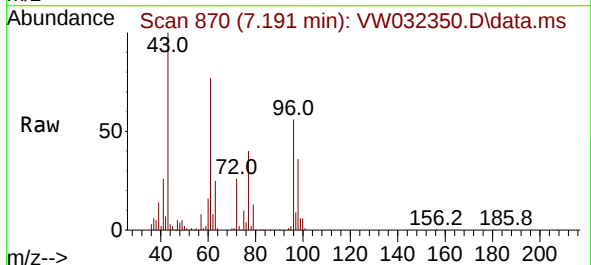
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

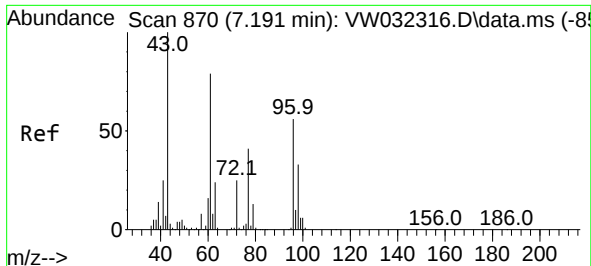
Tgt Ion: 43 Resp: 376370
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 52.758 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 77 Resp: 166957
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5

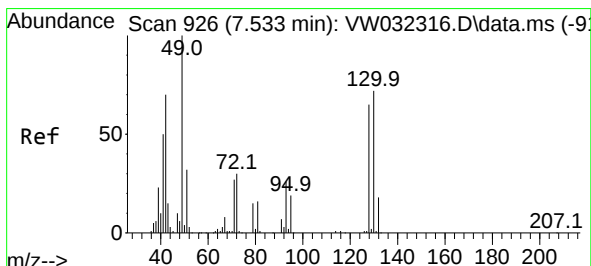
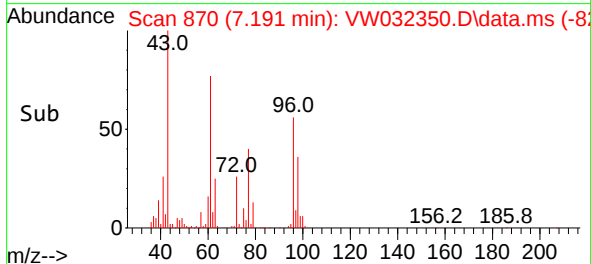
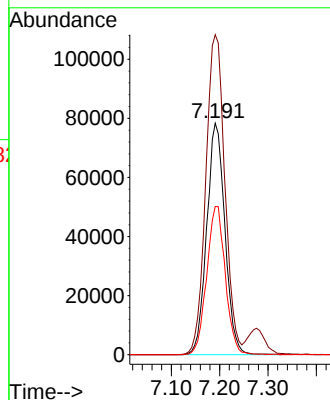
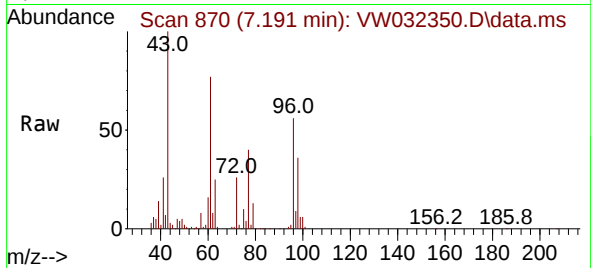




#27
 cis-1,2-Dichloroethene
 Concen: 53.146 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

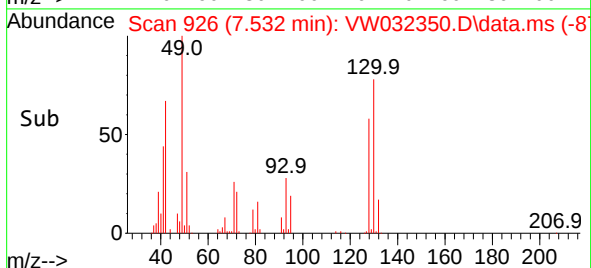
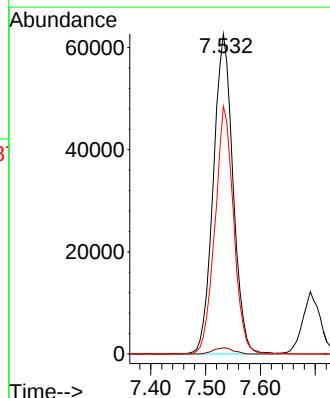
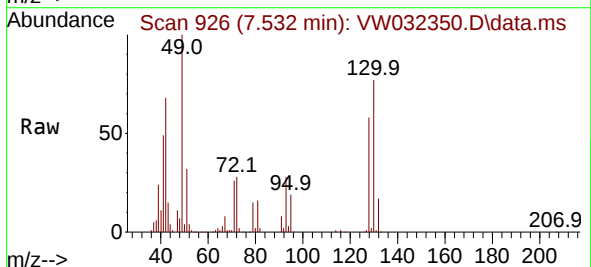
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

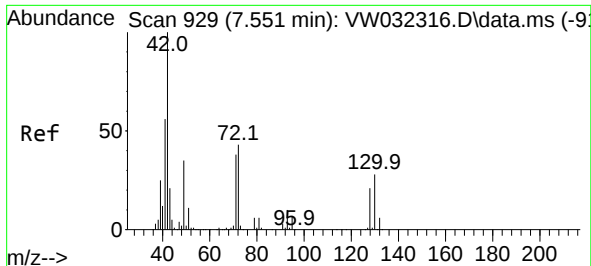
Tgt Ion: 96 Resp: 204919
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 268.0
 98 65.3 0.0 130.8



#28
 Bromochloromethane
 Concen: 53.750 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

Tgt Ion: 49 Resp: 156454
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 73.1 67.5 101.3





#29

Tetrahydrofuran

Concen: 276.473 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

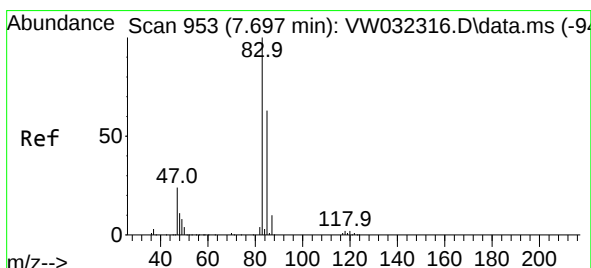
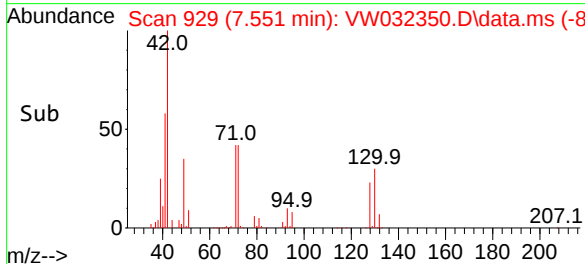
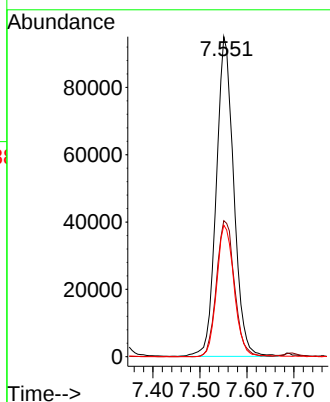
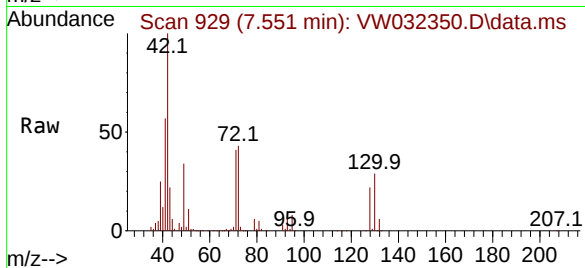
Tgt Ion: 42 Resp: 245993

Ion Ratio Lower Upper

42 100

72 43.8 37.4 56.2

71 40.9 36.0 54.0



#30

Chloroform

Concen: 53.443 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032350.D

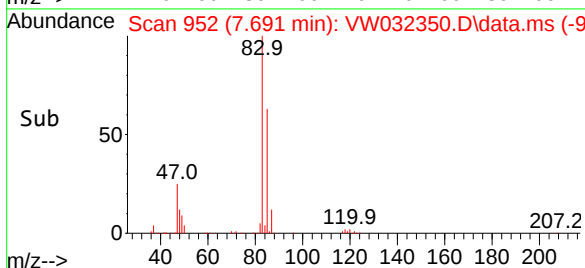
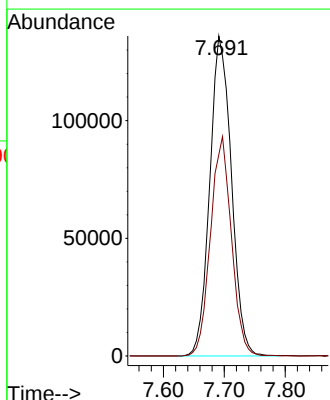
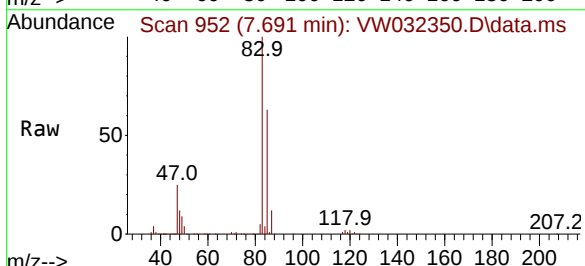
Acq: 03 Oct 2025 13:44

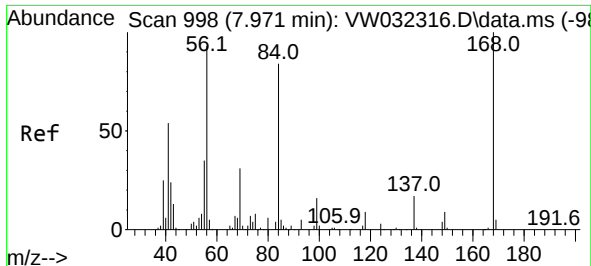
Tgt Ion: 83 Resp: 335318

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

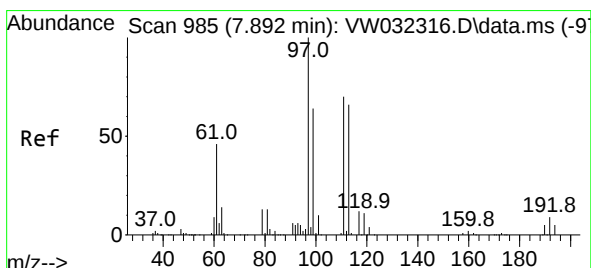
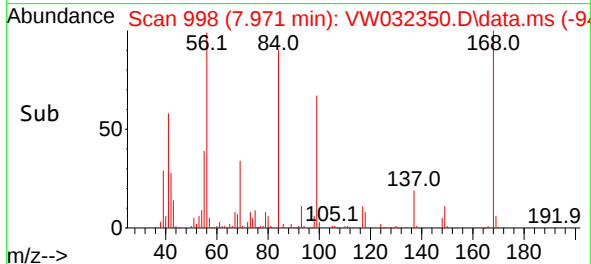
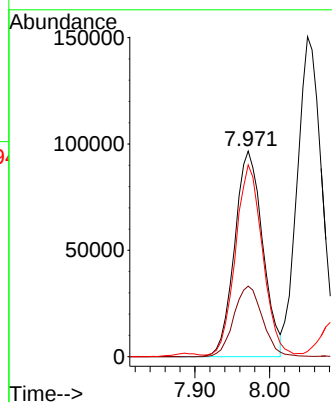
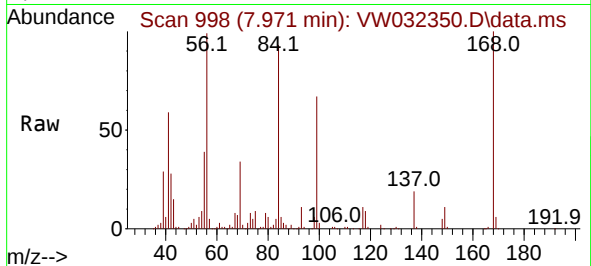




#31
Cyclohexane
Concen: 47.832 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

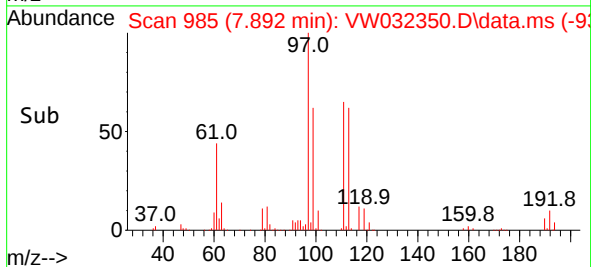
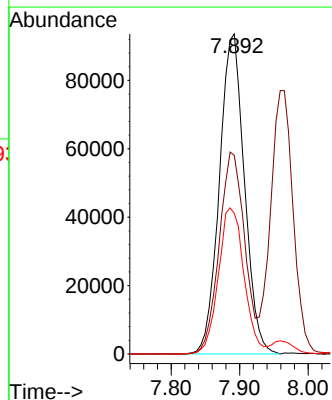
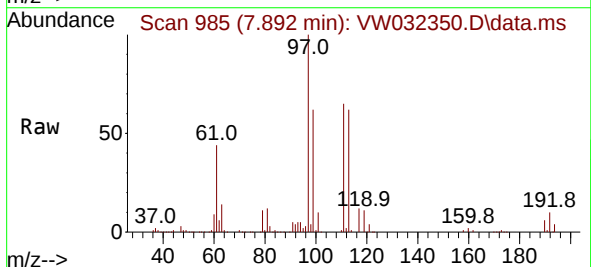
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

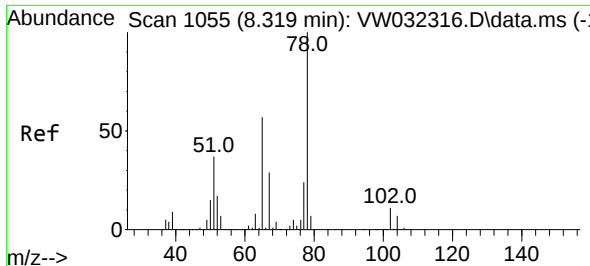
Tgt Ion: 56 Resp: 252632
Ion Ratio Lower Upper
56 100
69 34.3 27.7 41.5
84 91.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 53.326 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 97 Resp: 237096
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 46.6 36.2 54.4

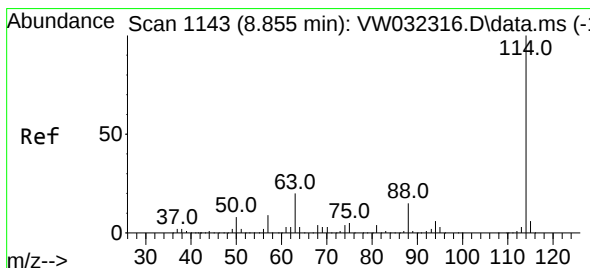
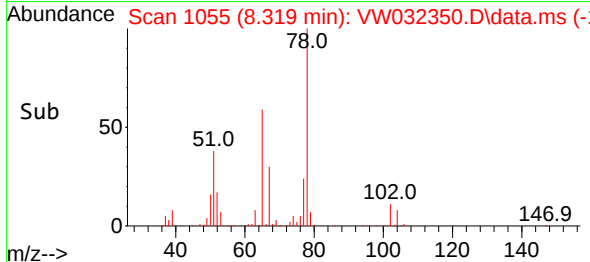
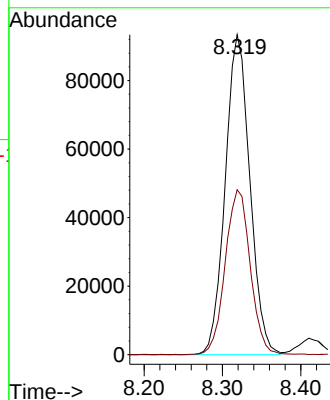
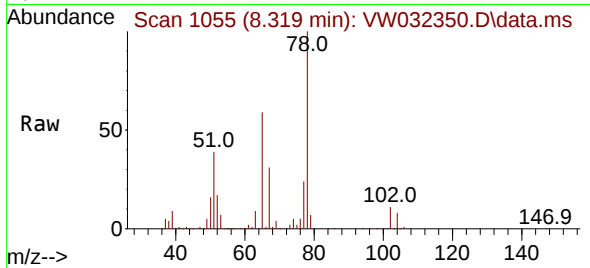




#33
 1,2-Dichloroethane-d4
 Concen: 54.374 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

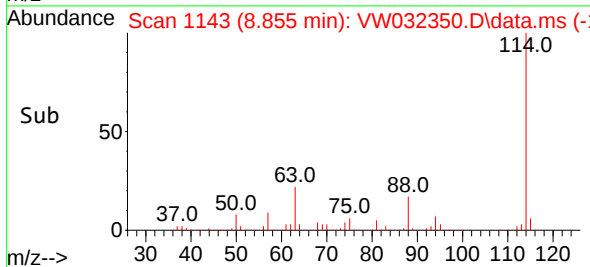
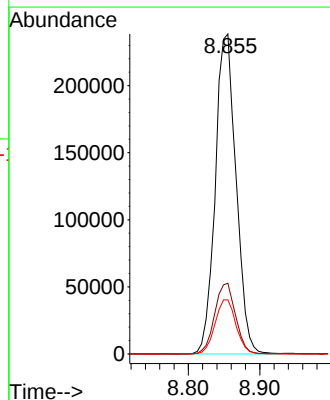
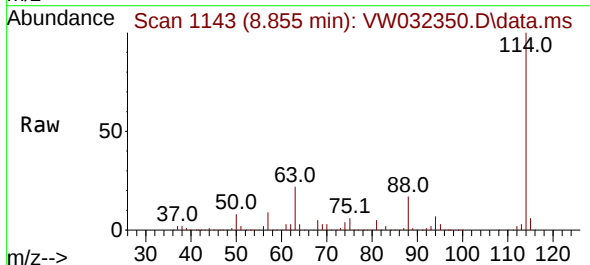
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 203998
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

Tgt Ion: 114 Resp: 481786
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.4
 88 16.9 0.0 32.0

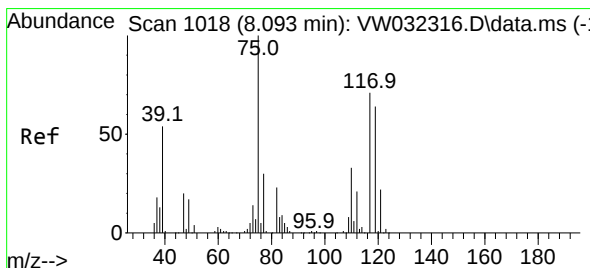
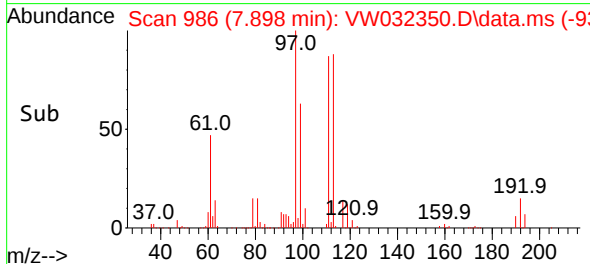
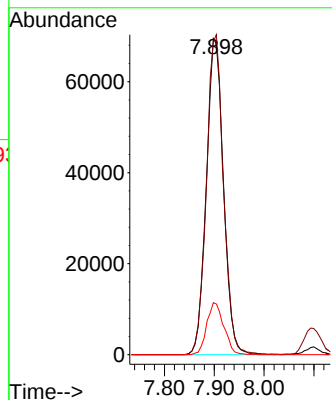
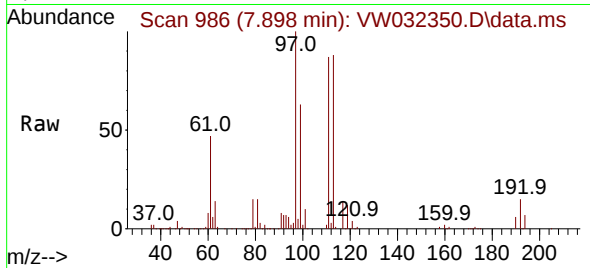




#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

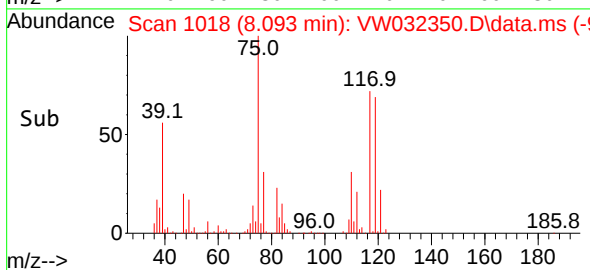
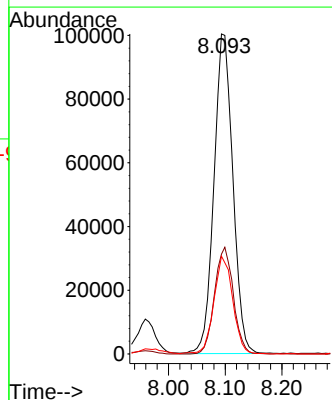
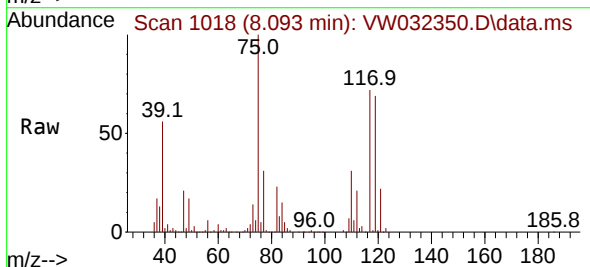
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

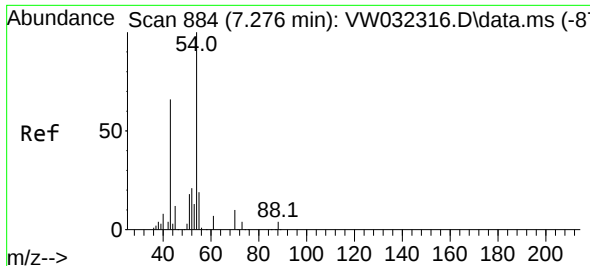
Tgt Ion:113 Resp: 166116
Ion Ratio Lower Upper
113 100
111 100.7 83.9 125.9
192 16.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 52.786 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 75 Resp: 232436
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 30.6 24.1 36.1





#37

Ethyl Acetate

Concen: 54.520 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

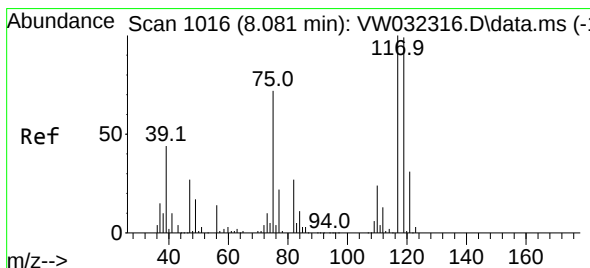
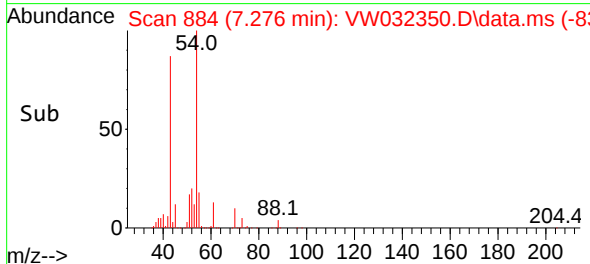
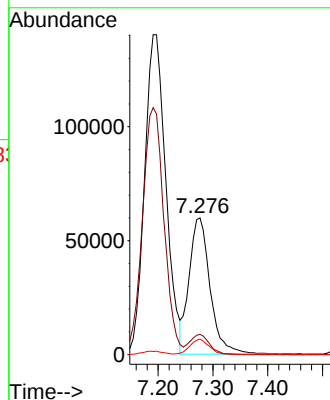
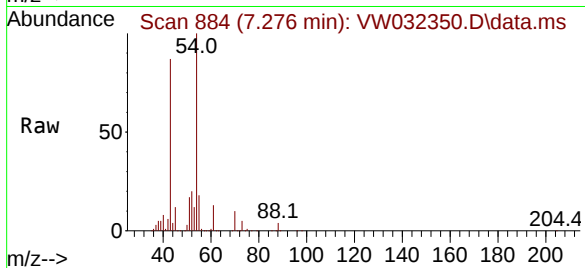
Tgt Ion: 43 Resp: 159794

Ion Ratio Lower Upper

43 100

61 13.7 11.3 16.9

70 10.6 8.9 13.3



#38

Carbon Tetrachloride

Concen: 51.019 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

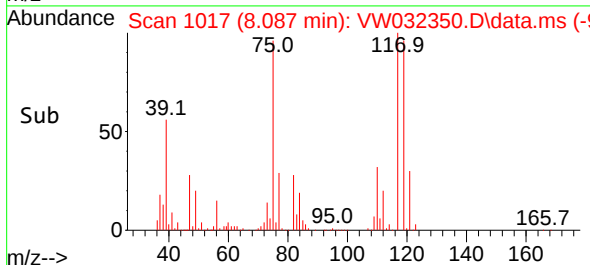
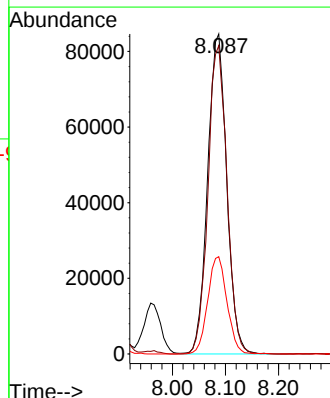
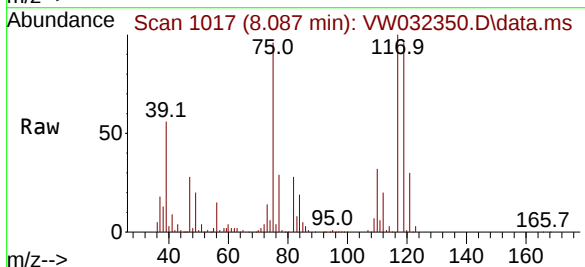
Tgt Ion: 117 Resp: 211404

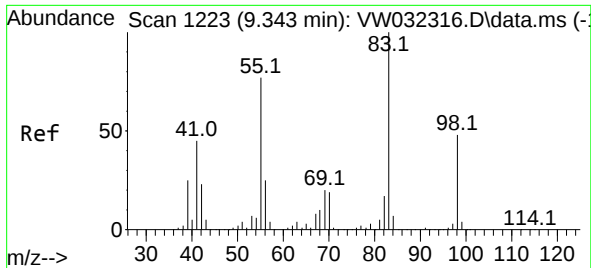
Ion Ratio Lower Upper

117 100

119 96.3 74.2 111.2

121 30.4 25.6 38.4

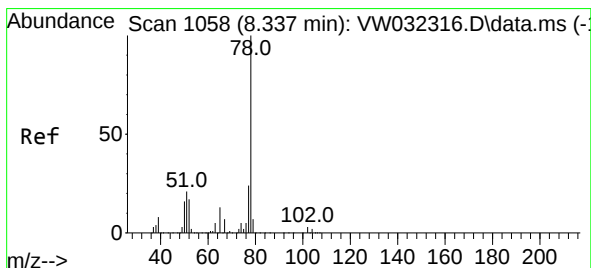
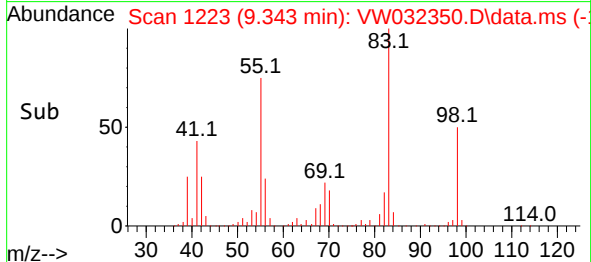
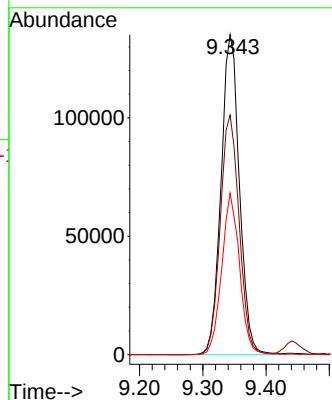
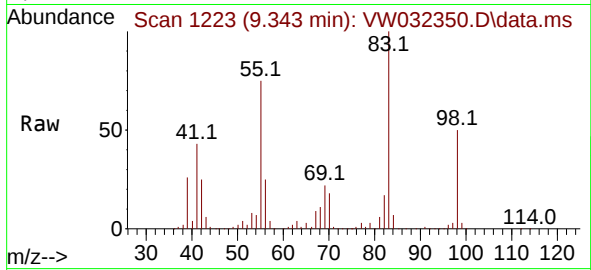




#39
Methylcyclohexane
Concen: 51.213 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

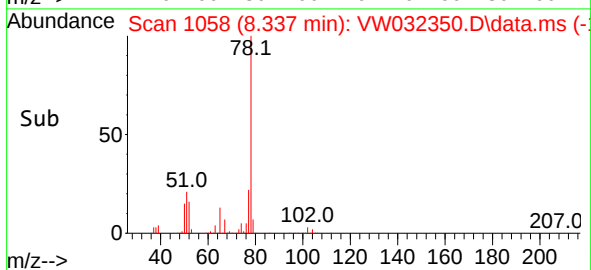
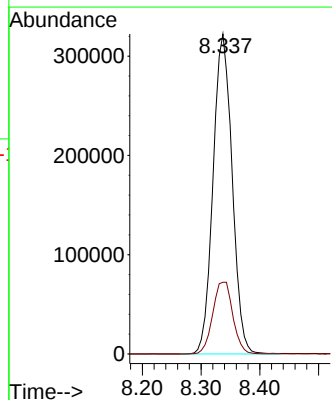
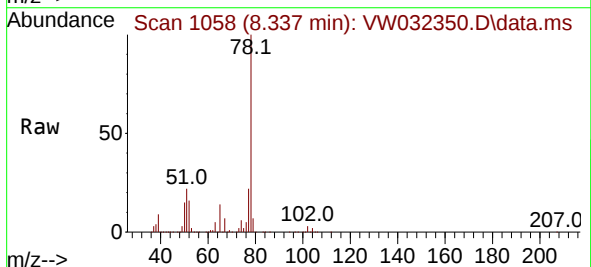
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

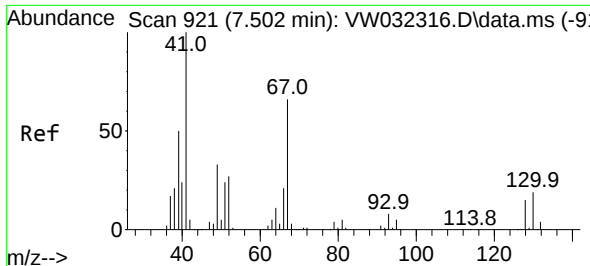
Tgt Ion: 83 Resp: 272015
Ion Ratio Lower Upper
83 100
55 74.9 58.4 87.6
98 50.4 39.4 59.2



#40
Benzene
Concen: 52.613 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 78 Resp: 726175
Ion Ratio Lower Upper
78 100
77 22.4 20.7 31.1



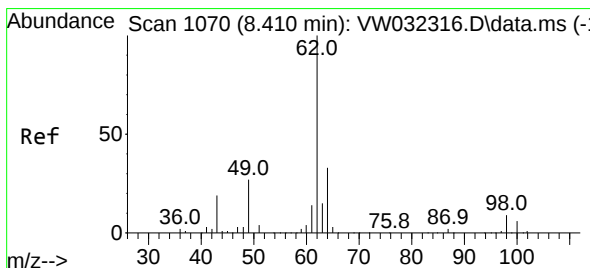
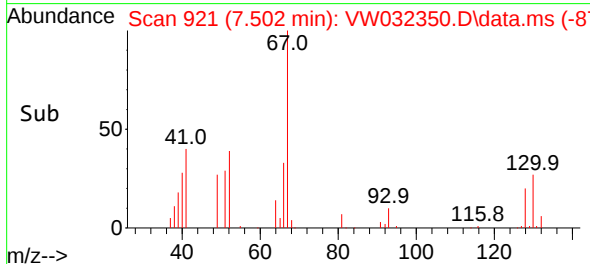
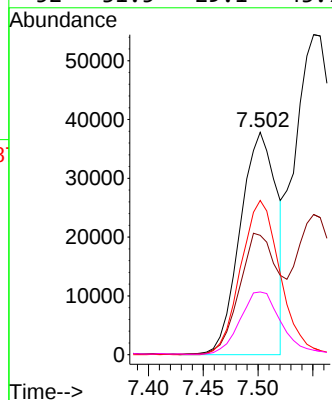
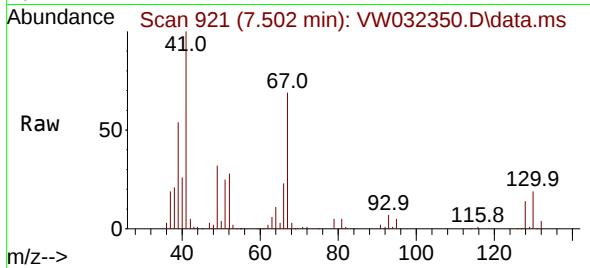


#41
Methacrylonitrile
Concen: 55.609 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 87837

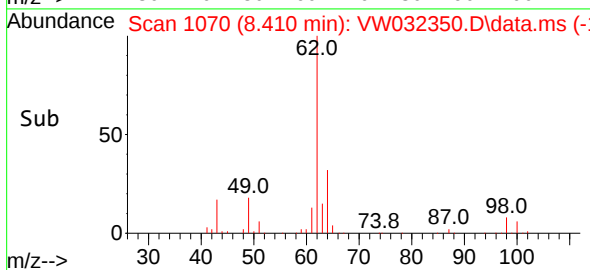
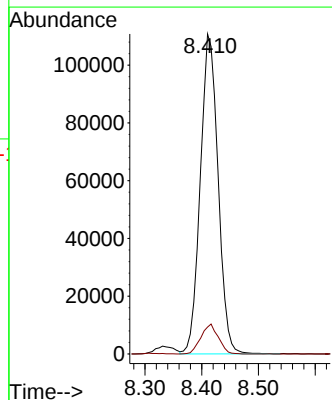
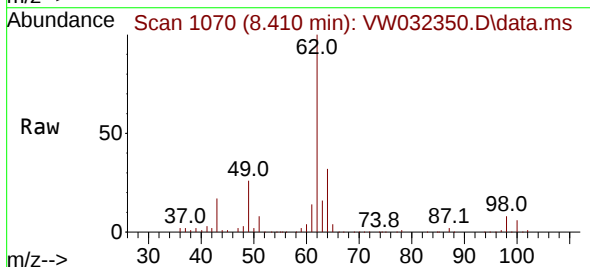
Ion	Ratio	Lower	Upper
41	100		
39	59.4	50.9	76.3
67	75.2	65.6	98.4
52	31.5	29.1	43.7

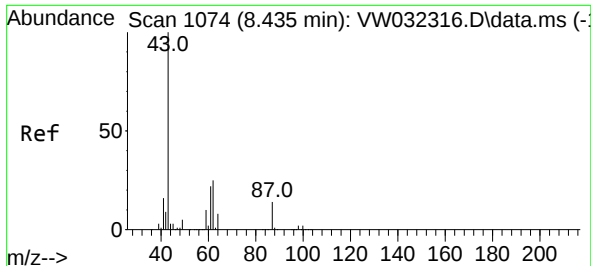


#42
1,2-Dichloroethane
Concen: 53.393 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 62 Resp: 241132

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

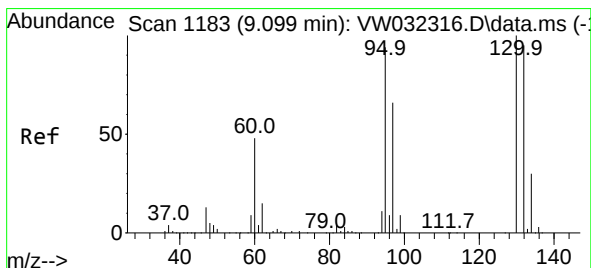
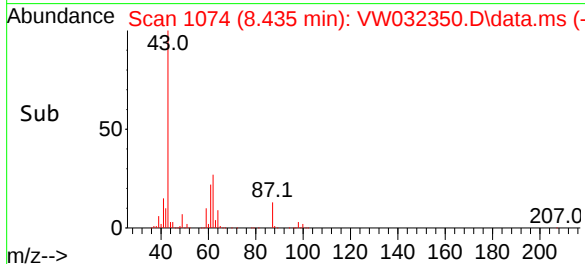
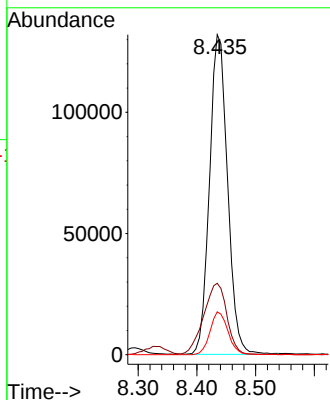
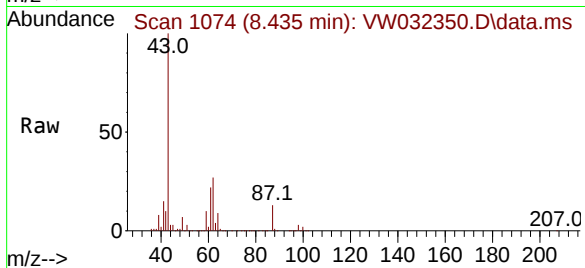




#43
Isopropyl Acetate
Concen: 54.173 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

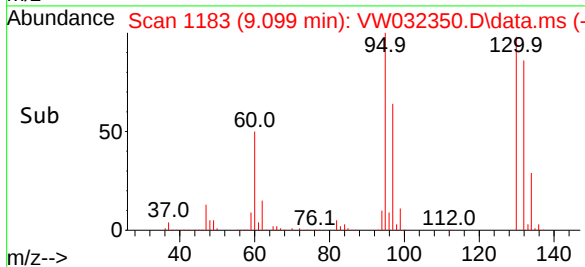
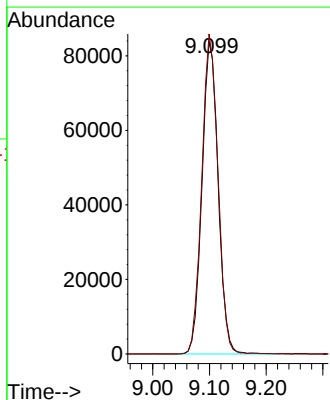
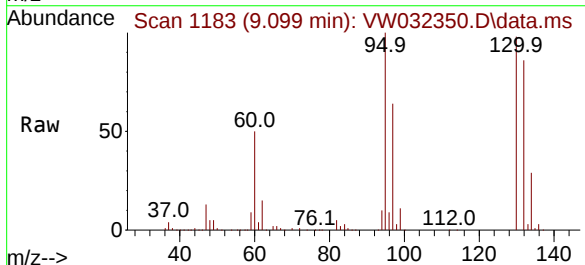
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

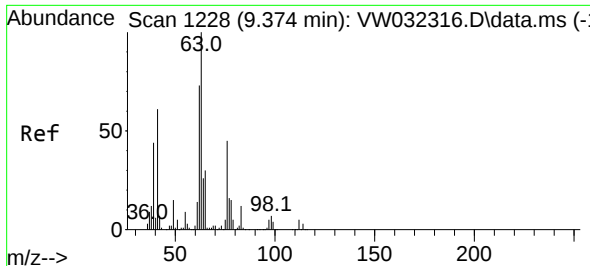
Tgt Ion: 43 Resp: 281670
Ion Ratio Lower Upper
43 100
61 28.9 23.3 34.9
87 13.3 11.1 16.7



#44
Trichloroethene
Concen: 51.393 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:130 Resp: 166091
Ion Ratio Lower Upper
130 100
95 102.4 0.0 220.0

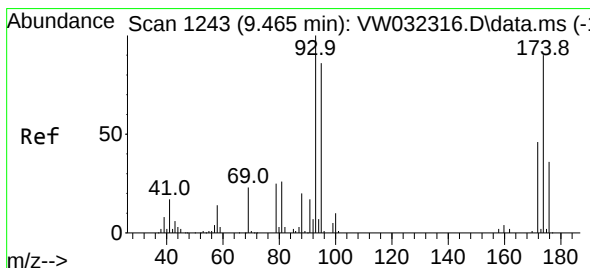
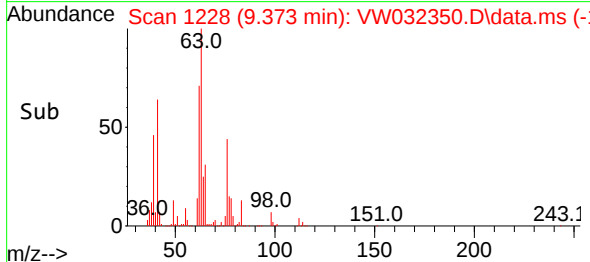
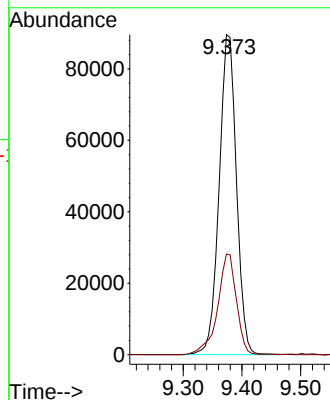
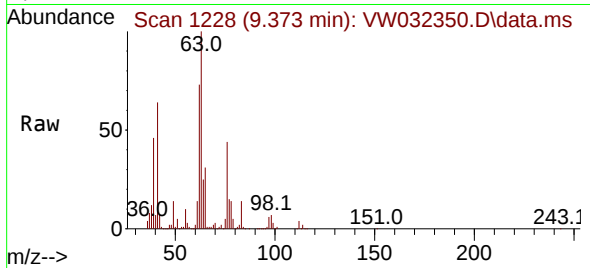




#45
1,2-Dichloropropane
Concen: 53.200 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

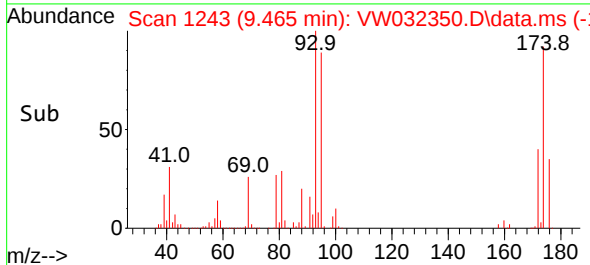
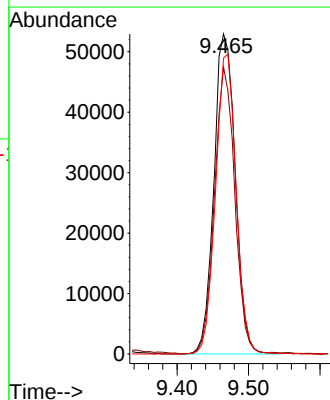
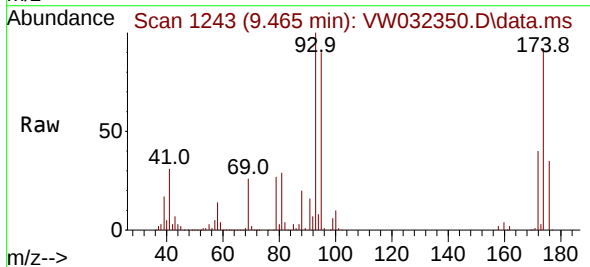
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

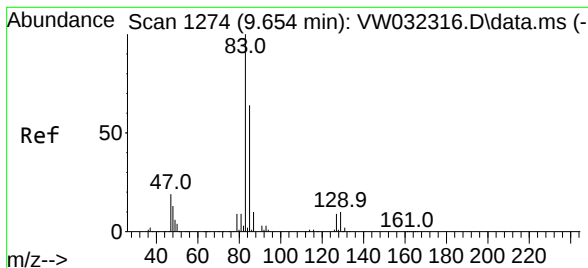
Tgt Ion: 63 Resp: 183278
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5



#46
Dibromomethane
Concen: 51.911 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 93 Resp: 109969
Ion Ratio Lower Upper
93 100
95 85.7 67.4 101.2
174 90.2 75.7 113.5





#47

Bromodichloromethane

Concen: 53.082 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

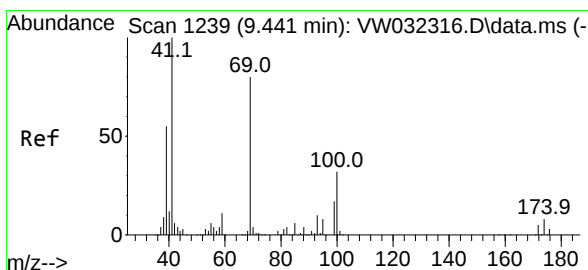
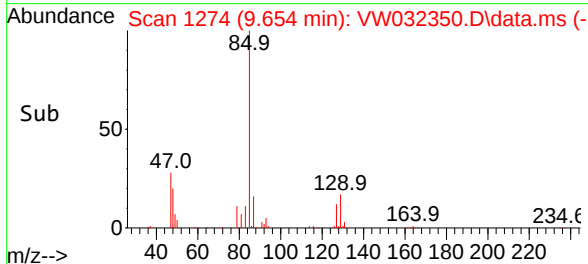
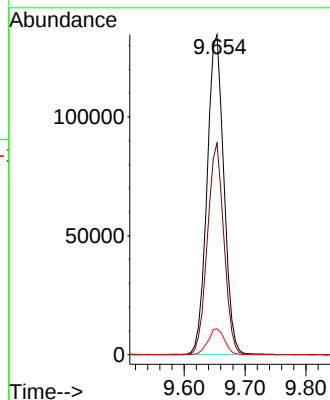
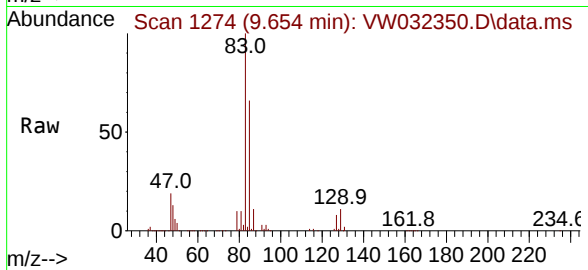
Tgt Ion: 83 Resp: 257203

Ion Ratio Lower Upper

83 100

85 66.1 48.7 73.1

127 8.1 6.4 9.6



#48

Methyl methacrylate

Concen: 55.003 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

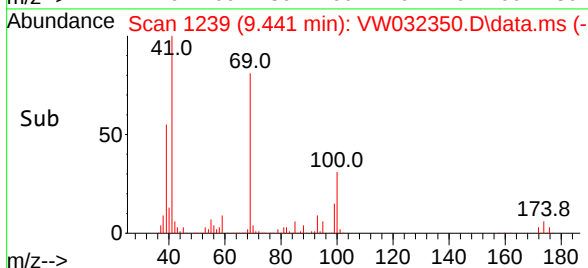
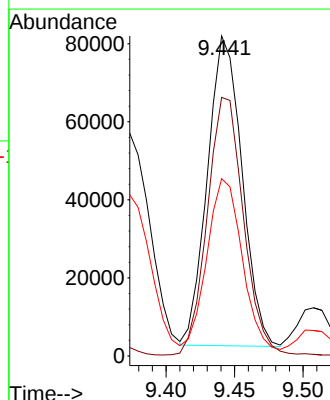
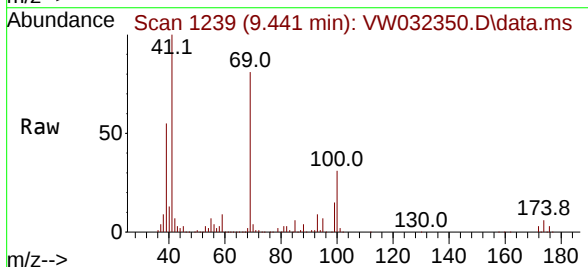
Tgt Ion: 41 Resp: 139046

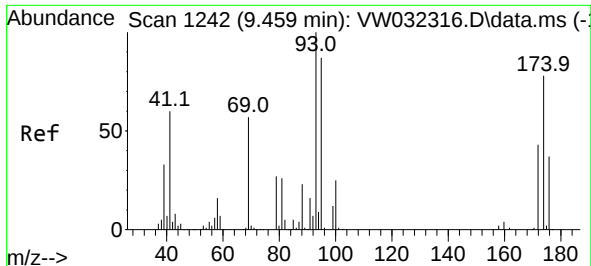
Ion Ratio Lower Upper

41 100

69 88.1 71.5 107.3

39 55.6 55.9 83.9#





#49

1,4-Dioxane

Concen: 1119.559 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

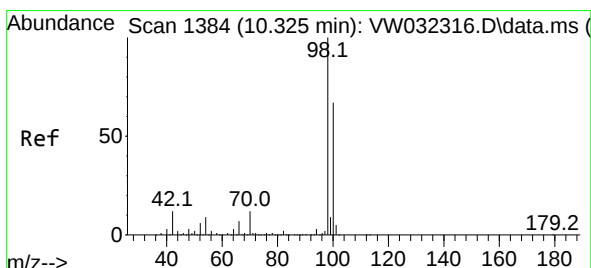
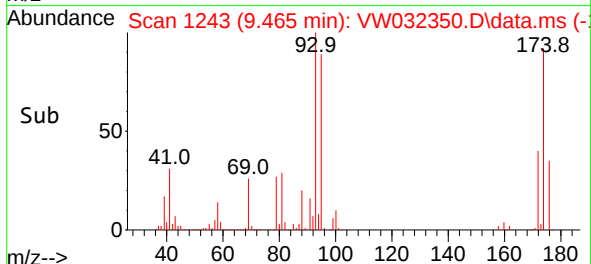
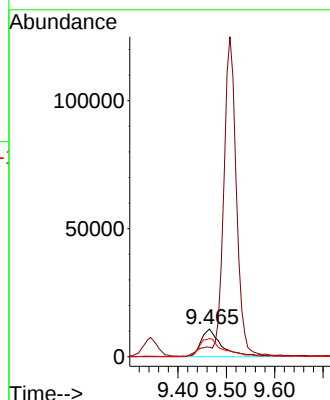
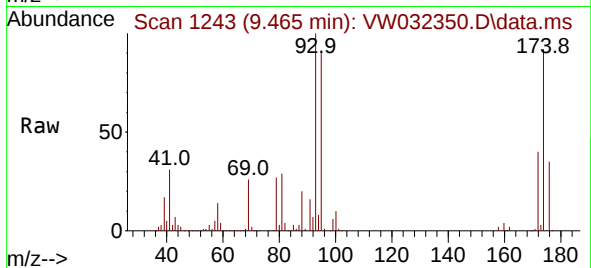
Tgt Ion: 88 Resp: 32417

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 75.3 55.4 83.0



#50

Toluene-d8

Concen: 53.336 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032350.D

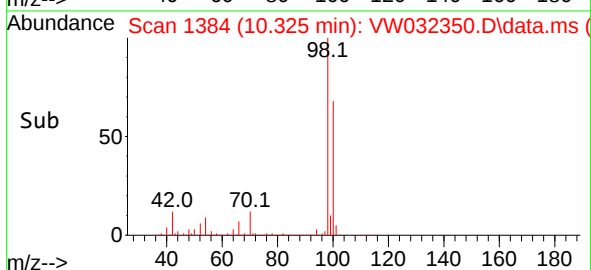
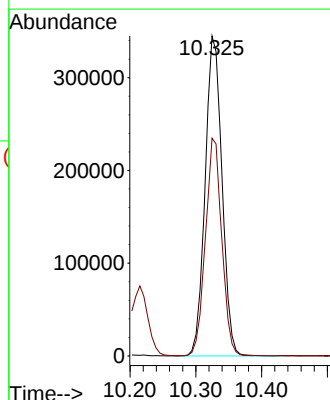
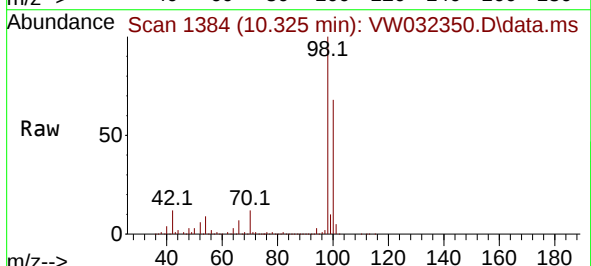
Acq: 03 Oct 2025 13:44

Tgt Ion: 98 Resp: 614194

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.2

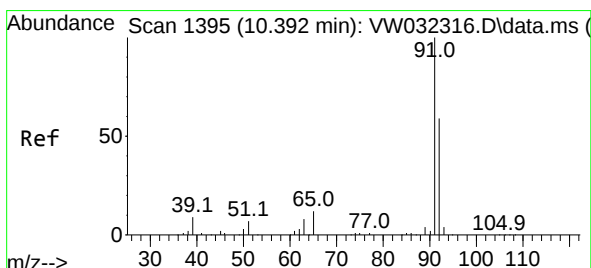
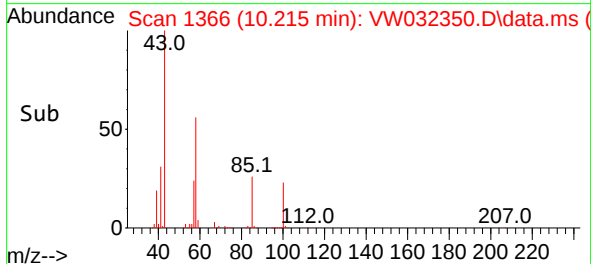
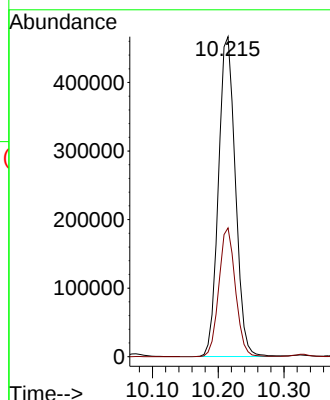
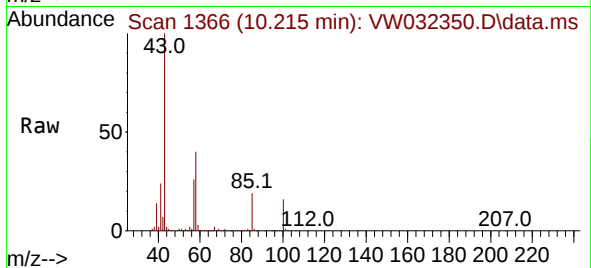




#51
4-Methyl-2-Pentanone
Concen: 277.715 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

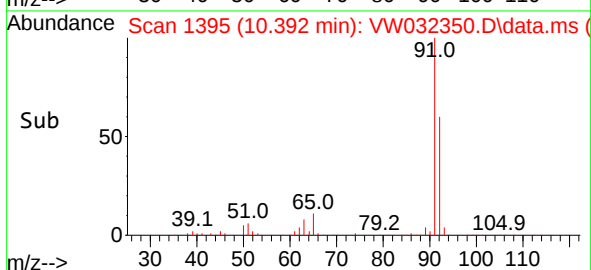
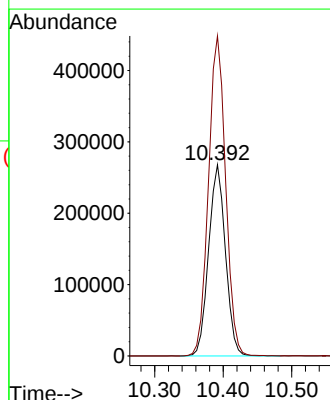
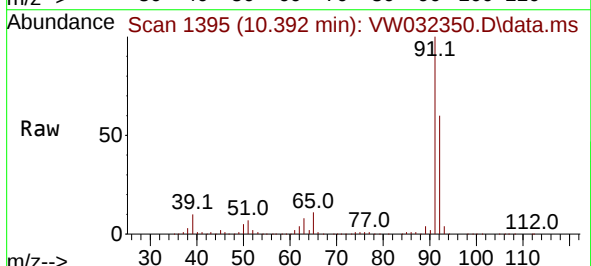
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

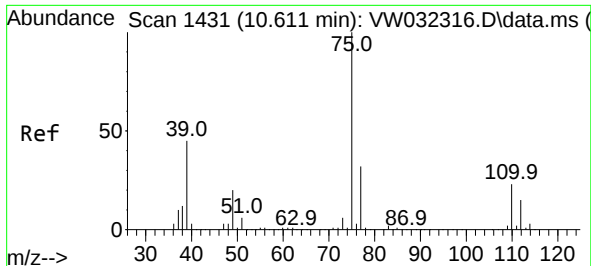
Tgt Ion: 43 Resp: 836339
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0



#52
Toluene
Concen: 53.110 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 92 Resp: 456489
Ion Ratio Lower Upper
92 100
91 170.9 137.5 206.3

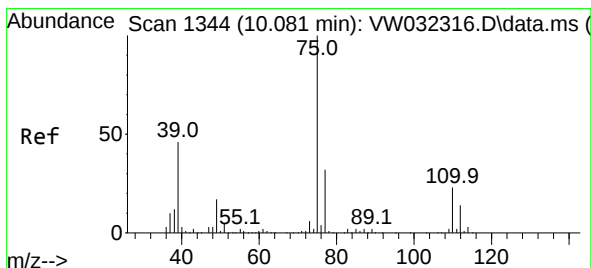
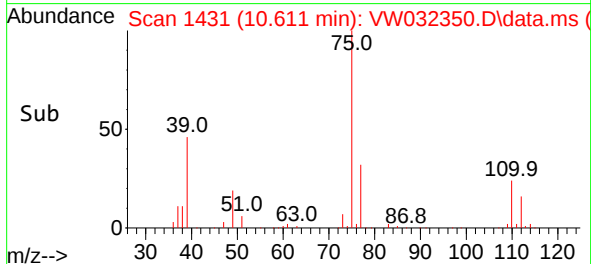
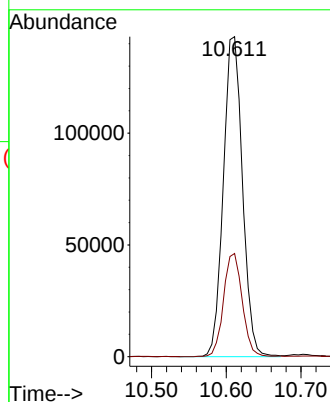
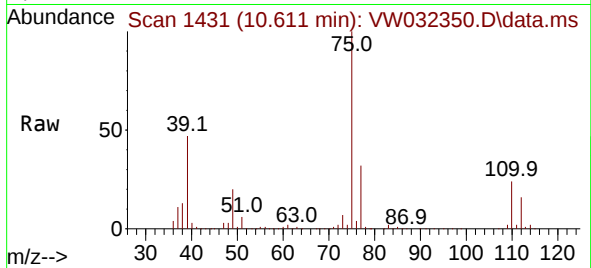




#53
t-1,3-Dichloropropene
Concen: 54.318 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

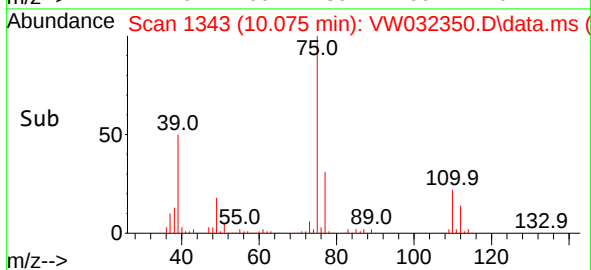
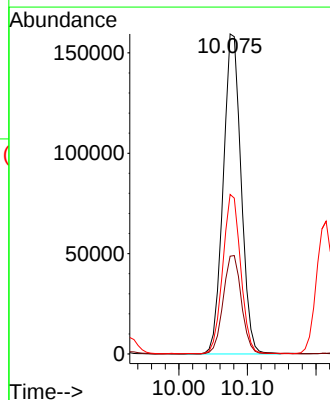
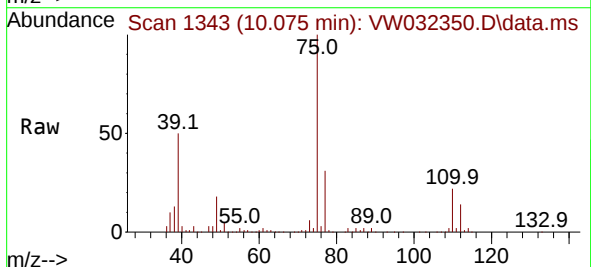
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

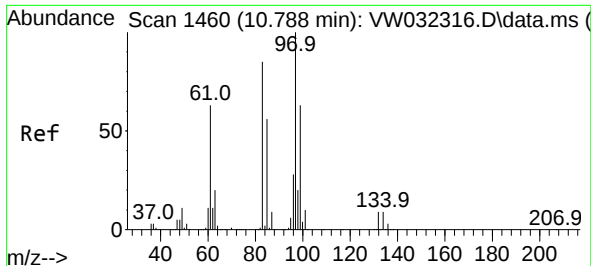
Tgt Ion: 75 Resp: 255336
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 53.267 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 75 Resp: 288430
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7
39 49.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 53.469 ug/l

RT: 10.794 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 151389

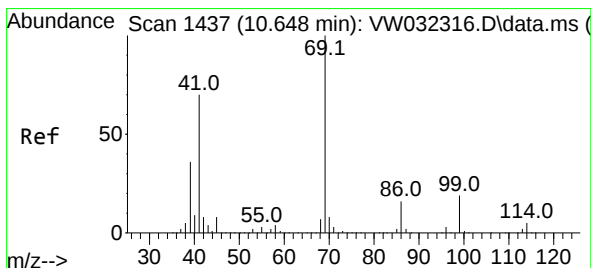
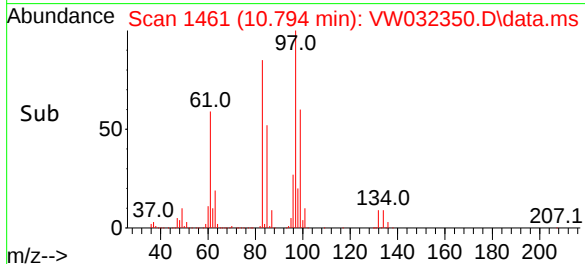
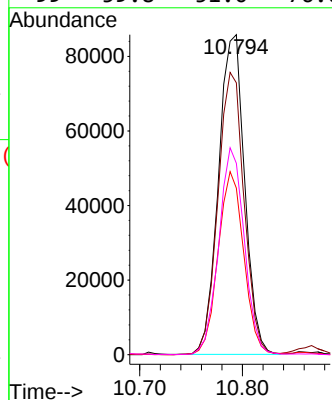
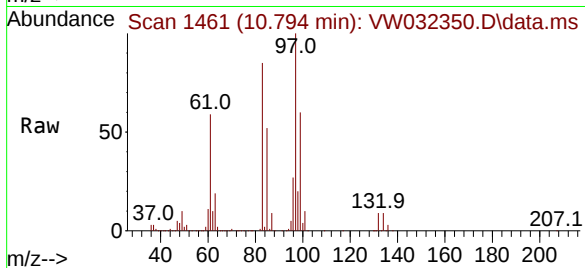
Ion Ratio Lower Upper

97 100

83 84.9 71.0 106.6

85 52.1 42.8 64.2

99 59.8 51.0 76.6



#56

Ethyl methacrylate

Concen: 55.982 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

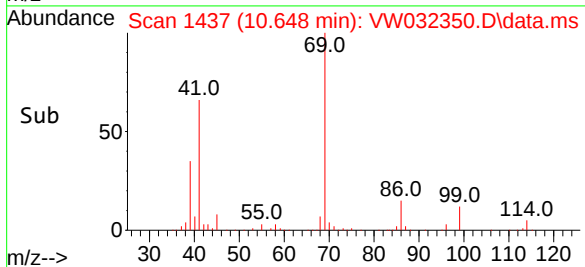
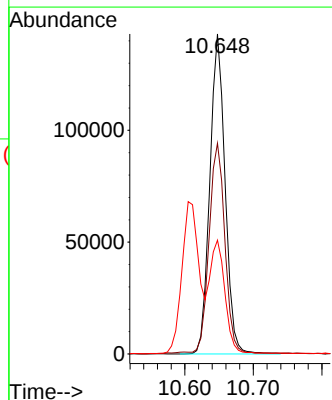
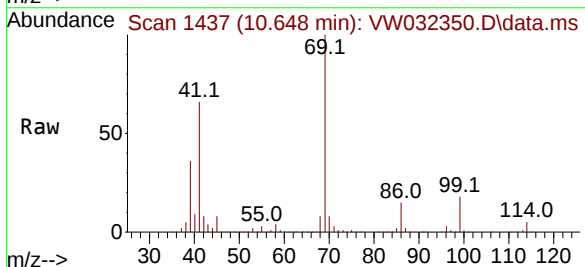
Tgt Ion: 69 Resp: 221854

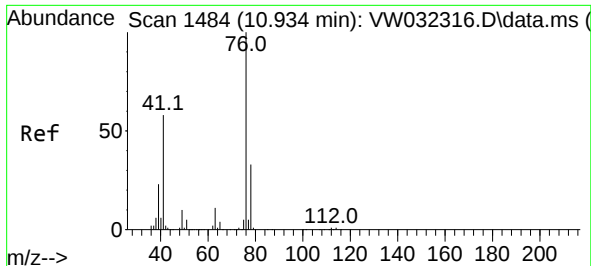
Ion Ratio Lower Upper

69 100

41 69.2 53.2 79.8

39 34.9 32.9 49.3





#57

1,3-Dichloropropane

Concen: 54.597 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

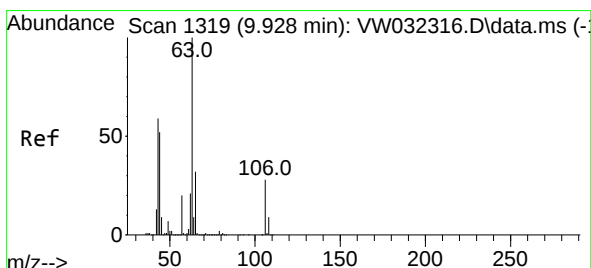
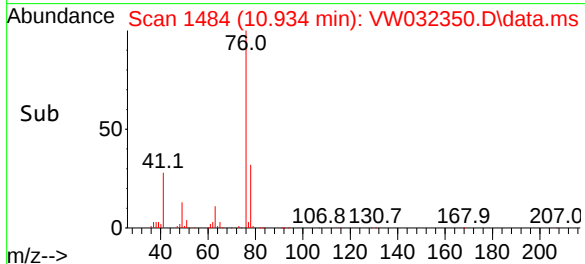
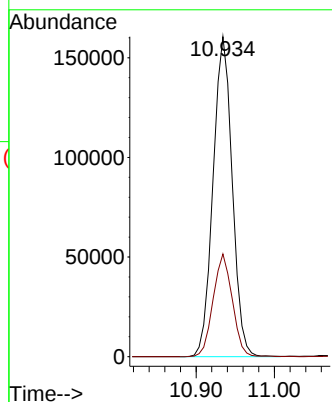
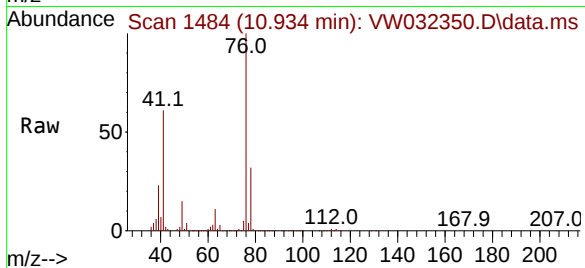
VSTDCCC050EC

Tgt Ion: 76 Resp: 273020

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 291.228 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032350.D

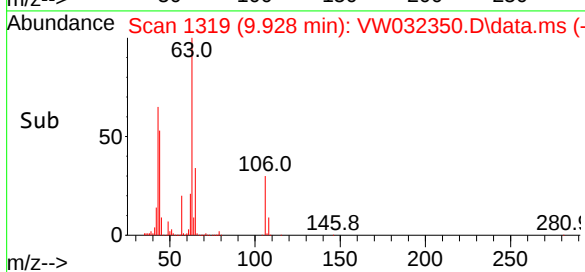
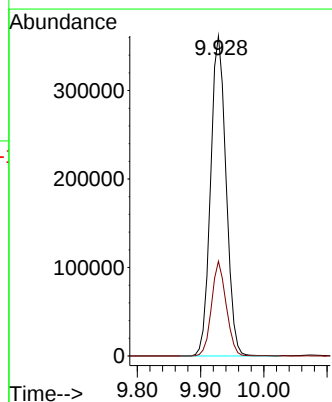
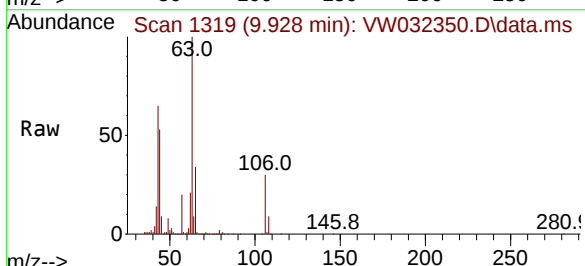
Acq: 03 Oct 2025 13:44

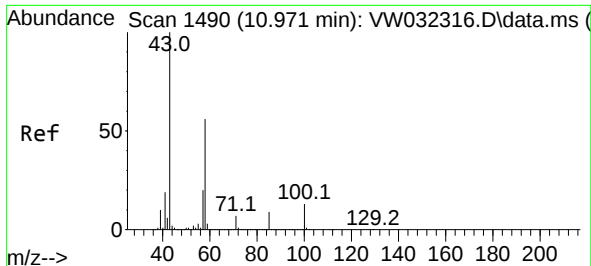
Tgt Ion: 63 Resp: 614228

Ion Ratio Lower Upper

63 100

106 27.9 24.3 36.5

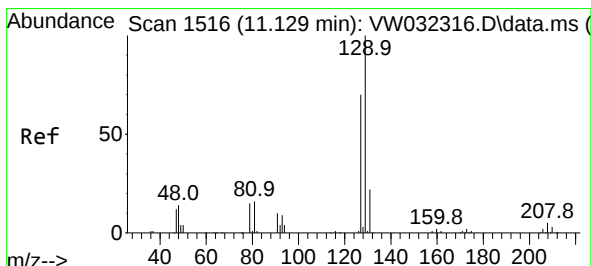
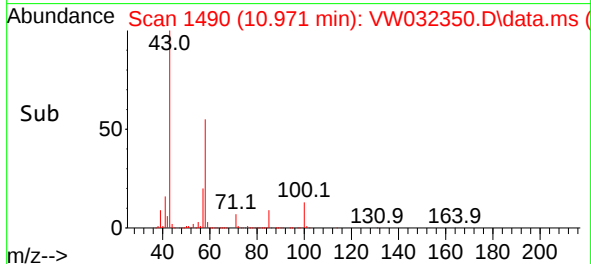
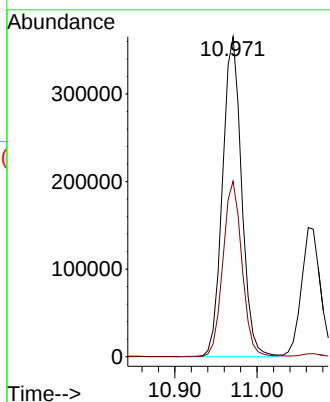
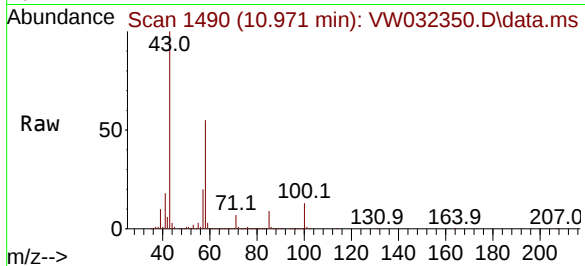




#59
2-Hexanone
Concen: 277.391 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

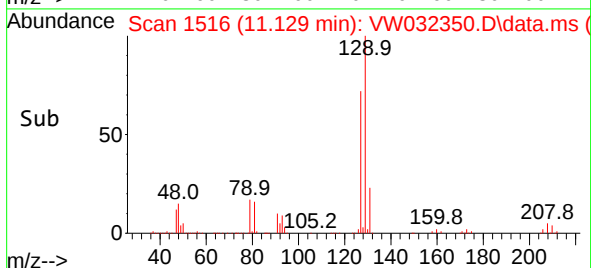
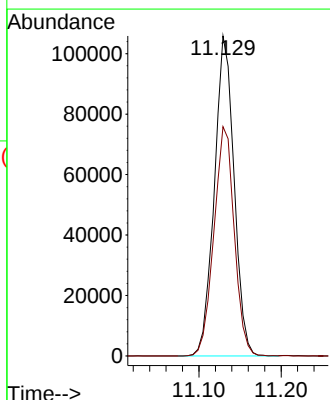
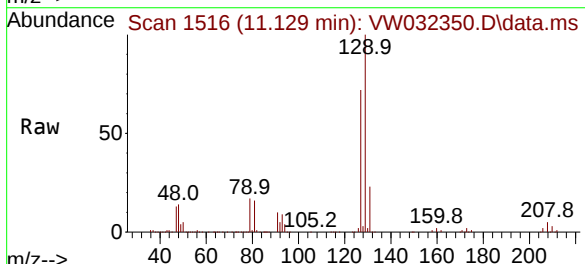
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

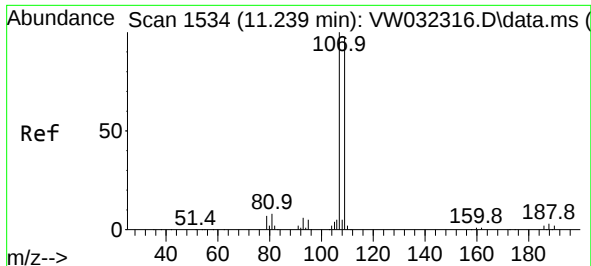
Tgt Ion: 43 Resp: 589171
Ion Ratio Lower Upper
43 100
58 54.7 27.5 82.4



#60
Dibromochloromethane
Concen: 54.975 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 129 Resp: 176740
Ion Ratio Lower Upper
129 100
127 73.9 38.1 114.5

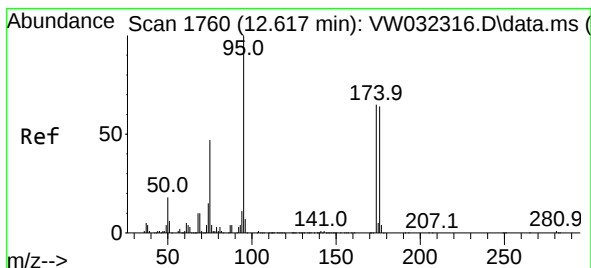
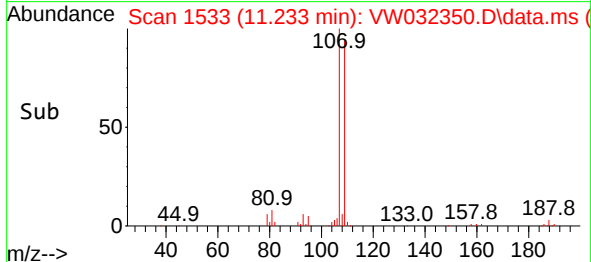
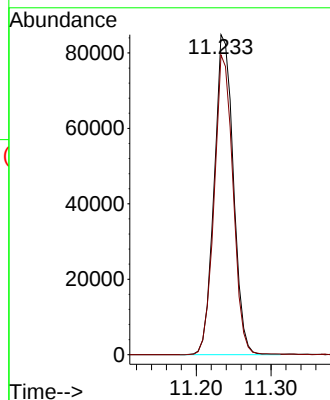
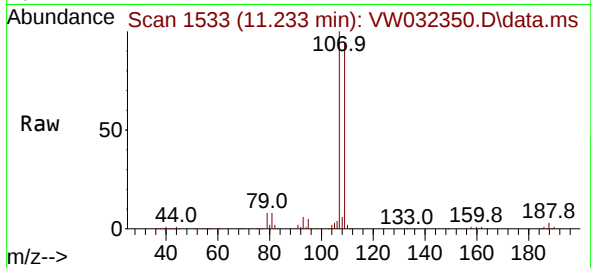




#61
1,2-Dibromoethane
Concen: 54.708 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

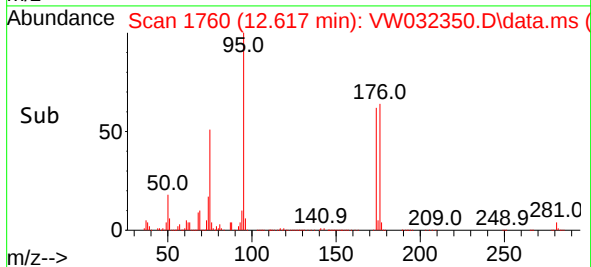
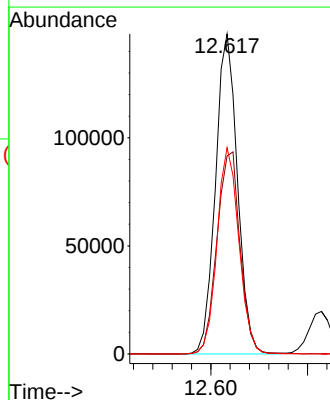
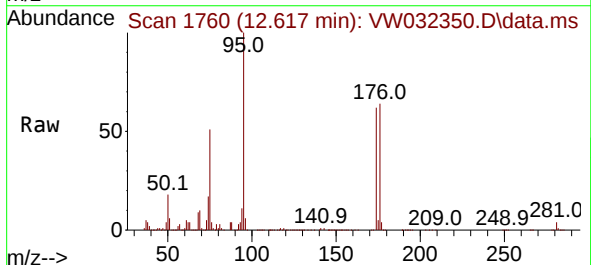
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

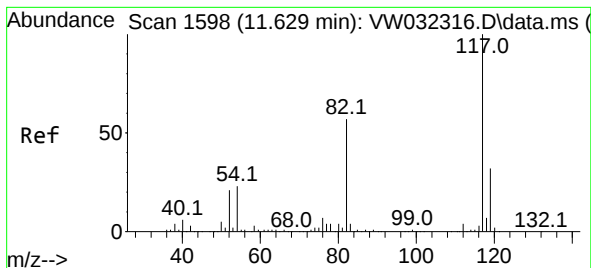
Tgt Ion:107 Resp: 151036
Ion Ratio Lower Upper
107 100
109 92.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 95 Resp: 232879
Ion Ratio Lower Upper
95 100
174 66.6 0.0 145.6
176 64.4 0.0 140.8

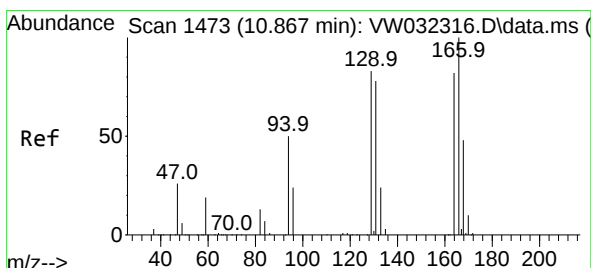
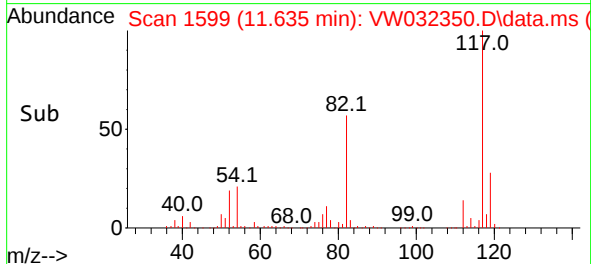
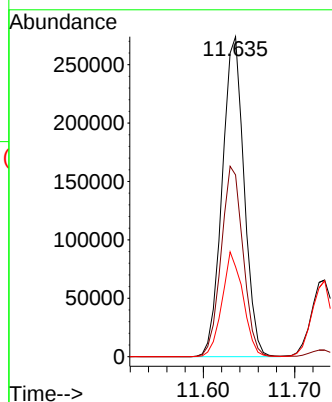
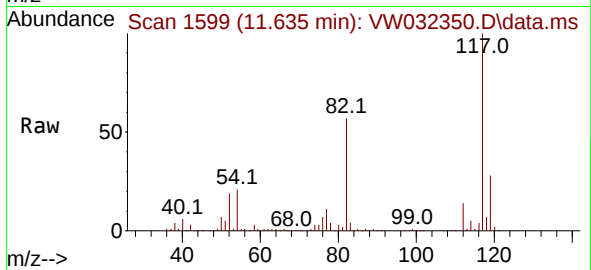




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

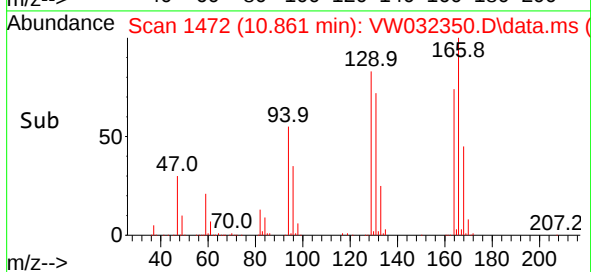
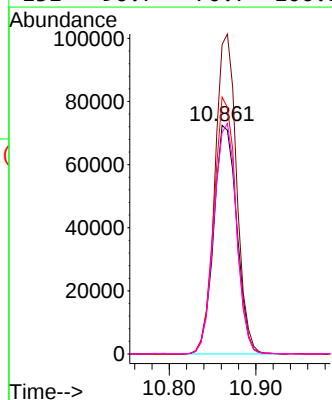
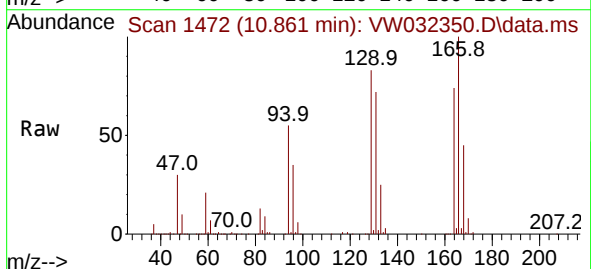
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

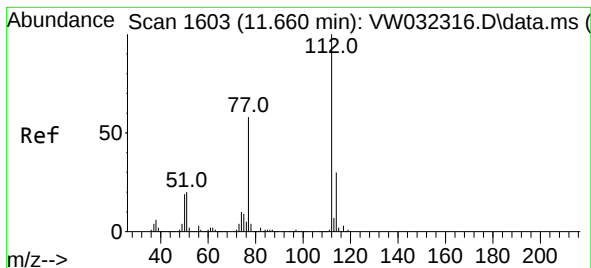
Tgt Ion:117 Resp: 455587
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 28.1 25.2 37.8



#64
Tetrachloroethene
Concen: 48.978 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:164 Resp: 133520
Ion Ratio Lower Upper
164 100
166 135.4 97.5 146.3
129 112.3 71.2 106.8#
131 96.7 70.7 106.1





#65

Chlorobenzene

Concen: 50.630 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

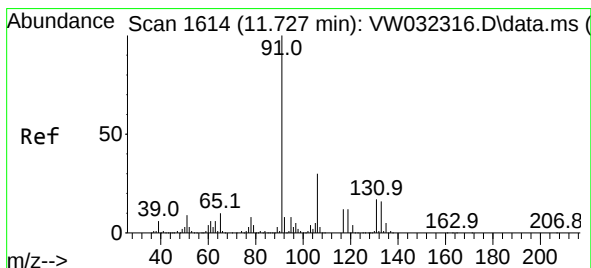
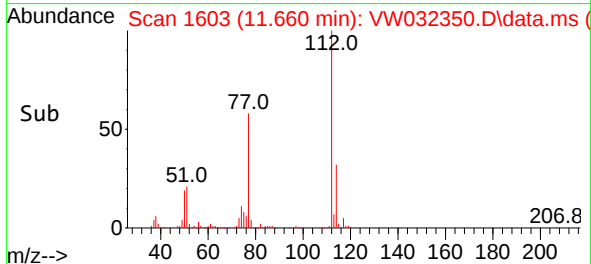
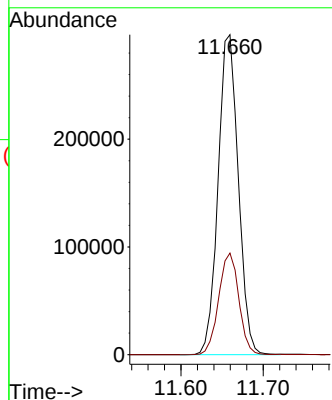
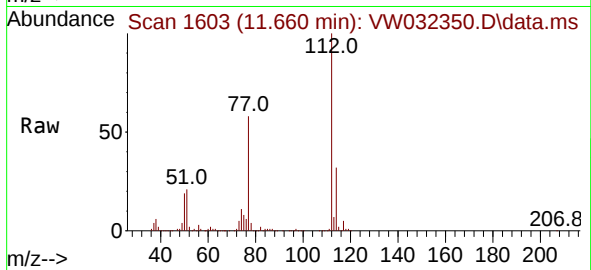
VSTDCCC050EC

Tgt Ion:112 Resp: 507522

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.592 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

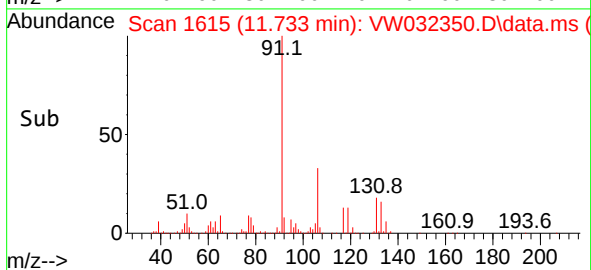
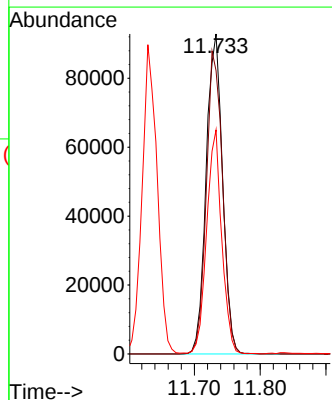
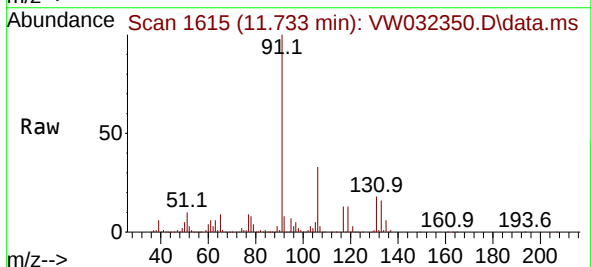
Tgt Ion:131 Resp: 161077

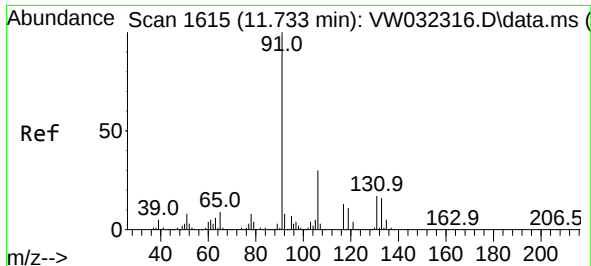
Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

119 64.6 32.8 98.3

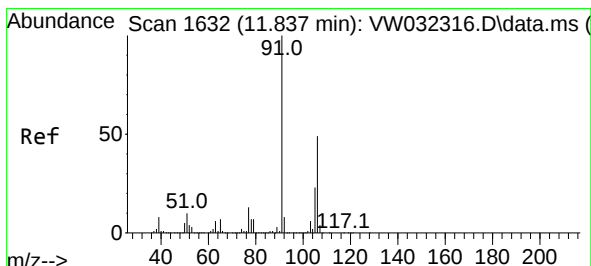
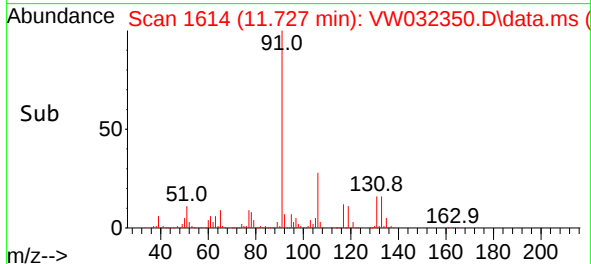
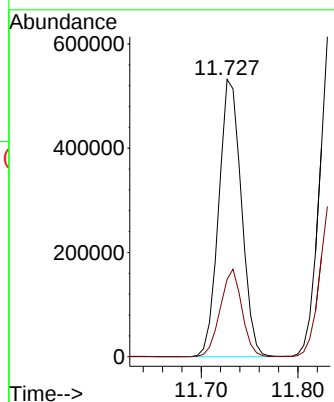
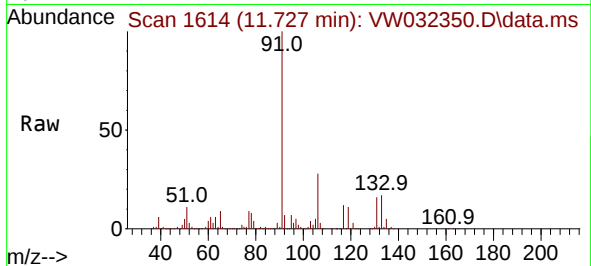




#67
Ethyl Benzene
Concen: 51.784 ug/l
RT: 11.727 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

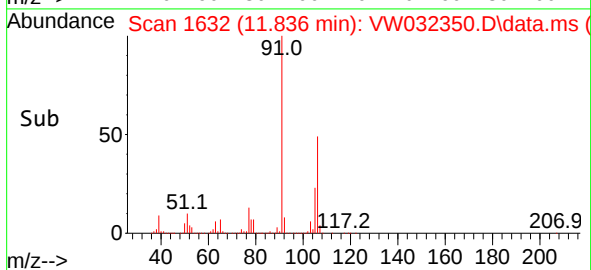
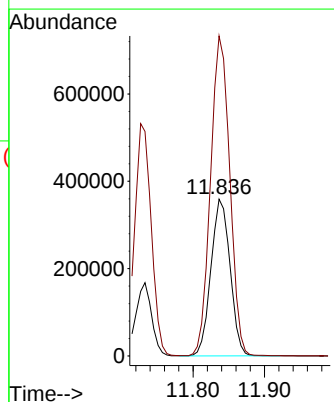
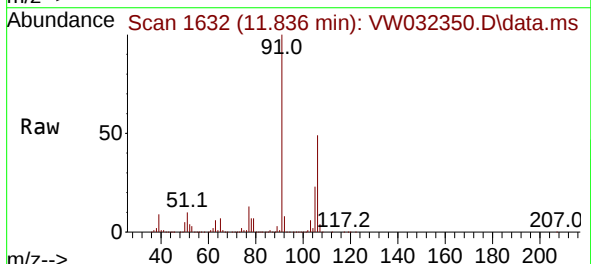
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

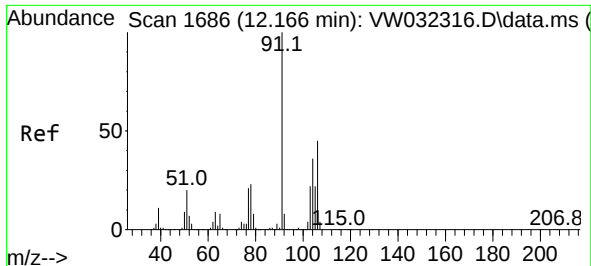
Tgt Ion: 91 Resp: 865246
Ion Ratio Lower Upper
91 100
106 27.9 25.3 37.9



#68
m/p-Xylenes
Concen: 103.450 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:106 Resp: 666537
Ion Ratio Lower Upper
106 100
91 206.0 164.2 246.2

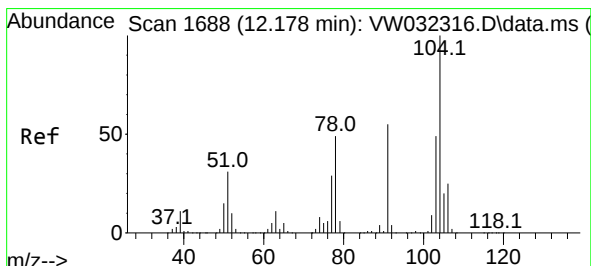
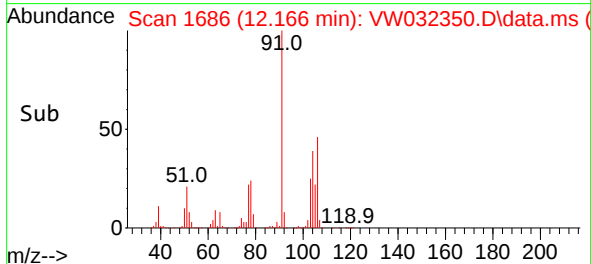
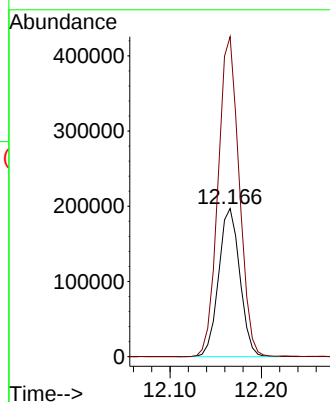
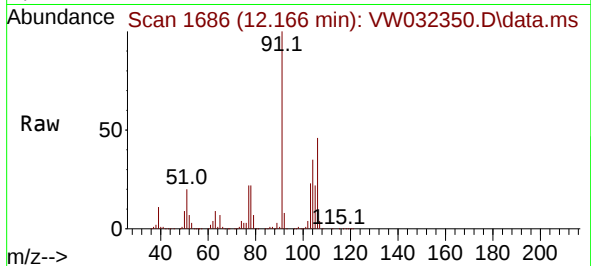




#69
o-Xylene
Concen: 52.680 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

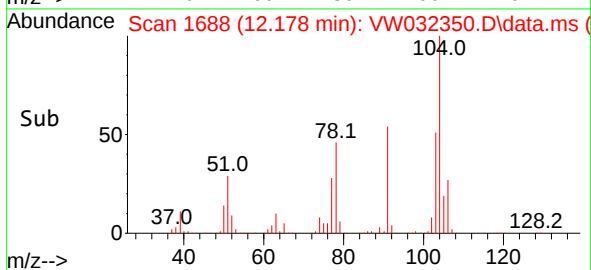
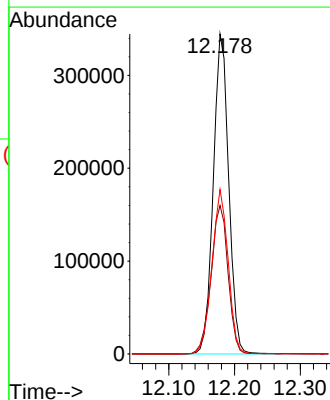
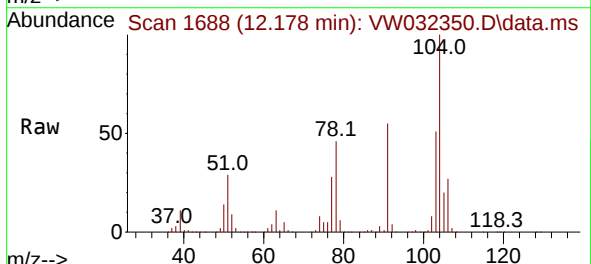
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

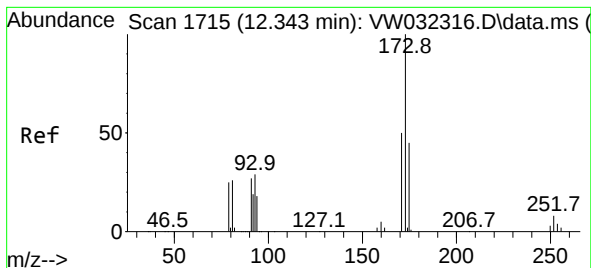
Tgt Ion:106 Resp: 317420
Ion Ratio Lower Upper
106 100
91 215.7 108.7 326.3



#70
Styrene
Concen: 53.496 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:104 Resp: 562781
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 54.2 44.8 67.2





#71

Bromoform

Concen: 50.526 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

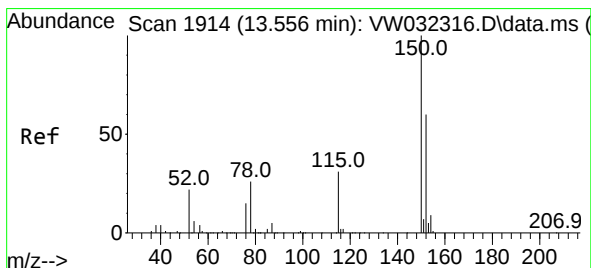
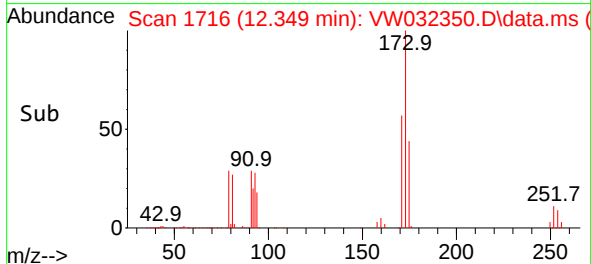
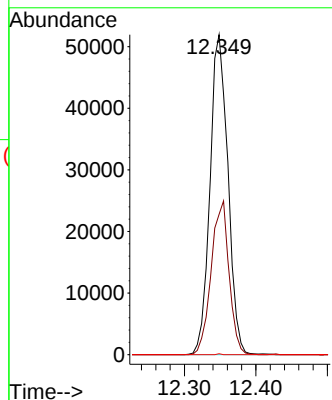
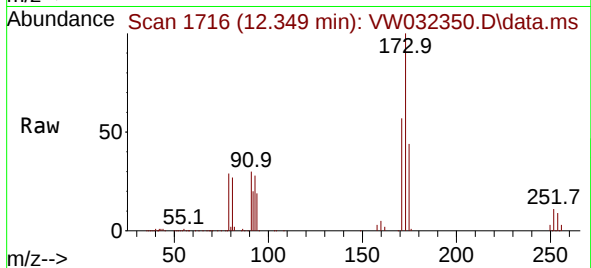
Tgt Ion:173 Resp: 90422

Ion Ratio Lower Upper

173 100

175 47.8 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

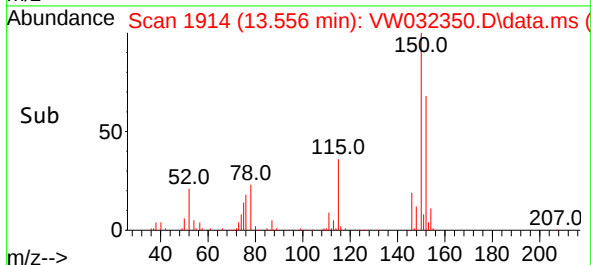
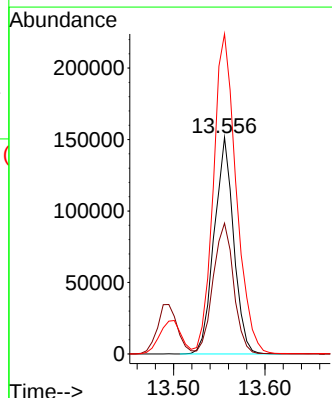
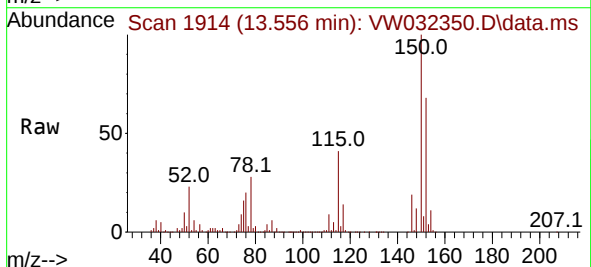
Tgt Ion:152 Resp: 224458

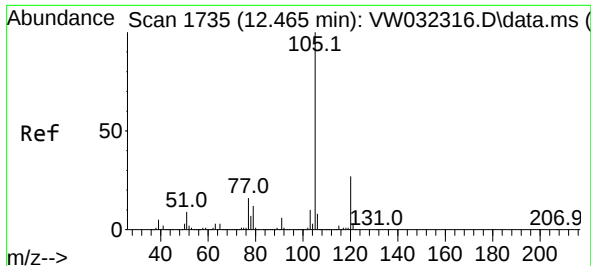
Ion Ratio Lower Upper

152 100

115 63.3 31.8 95.4

150 173.0 0.0 343.0

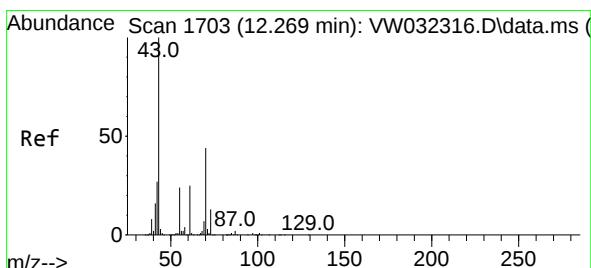
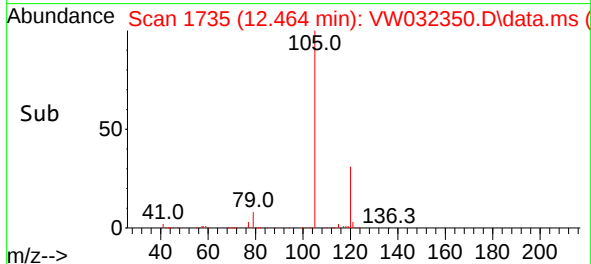
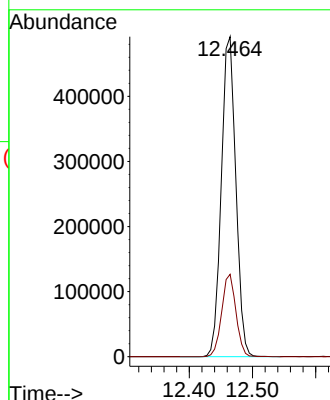
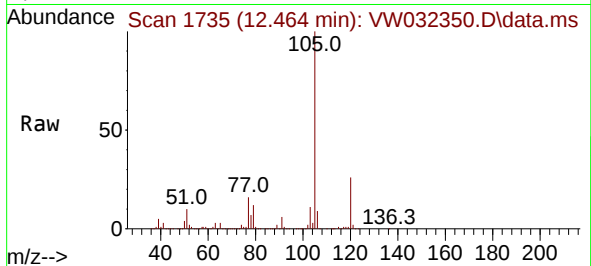




#73
Isopropylbenzene
Concen: 50.724 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

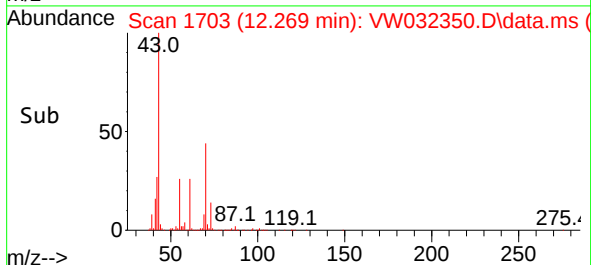
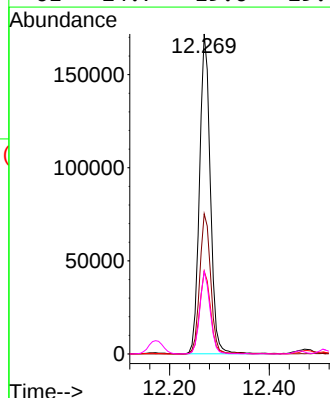
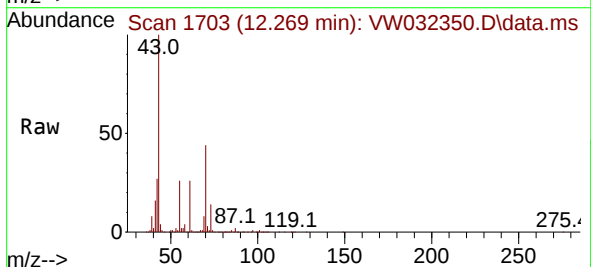
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

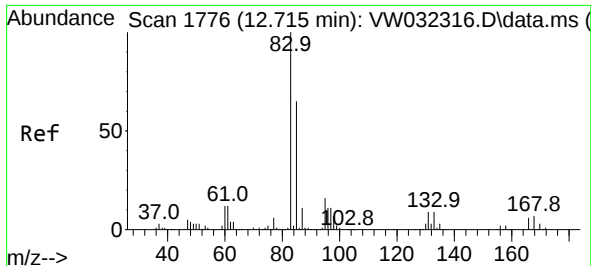
Tgt Ion:105 Resp: 778932
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9



#74
N-ethyl acetate
Concen: 52.769 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 43 Resp: 258509
Ion Ratio Lower Upper
43 100
70 44.4 35.3 52.9
55 26.2 19.9 29.9
61 24.7 19.6 29.4

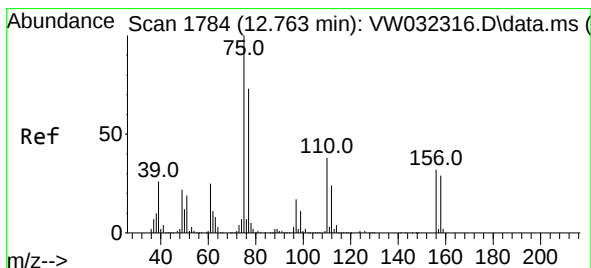
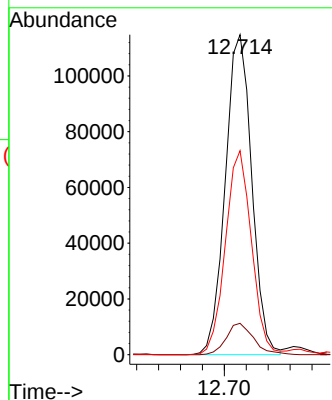
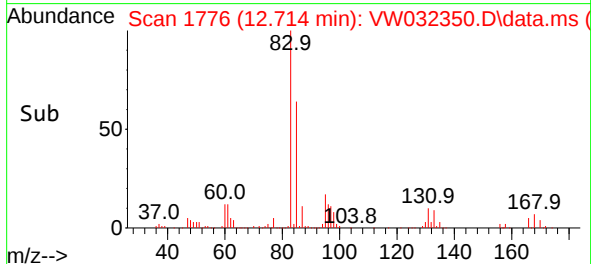
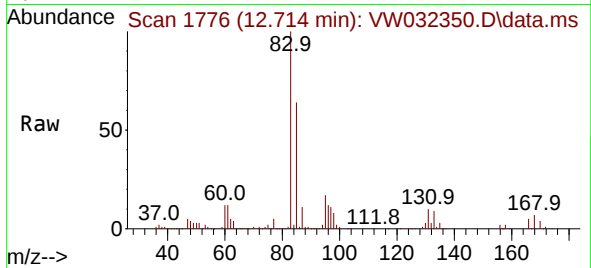




#75
1,1,2,2-Tetrachloroethane
Concen: 50.548 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

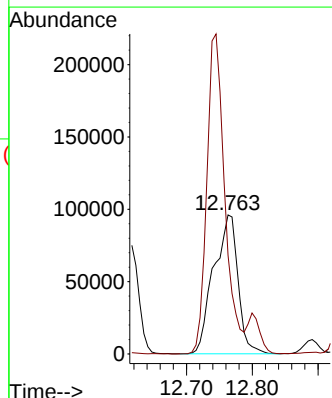
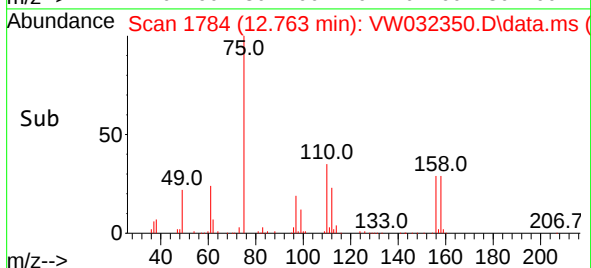
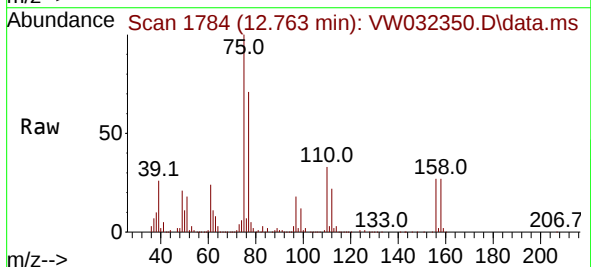
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

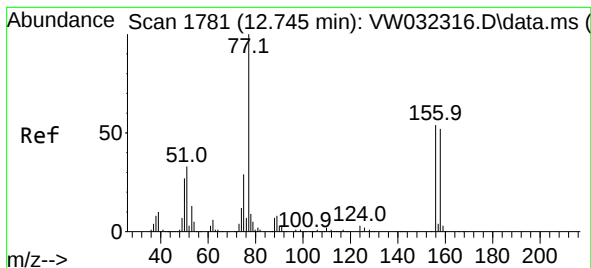
Tgt Ion: 83 Resp: 192737
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 62.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 83.676 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 75 Resp: 247159
Ion Ratio Lower Upper
75 100
77 170.5 141.7 425.1





#77

Bromobenzene

Concen: 50.480 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

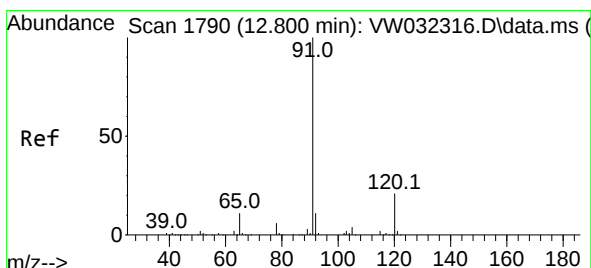
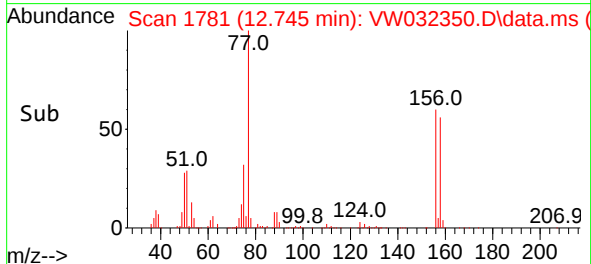
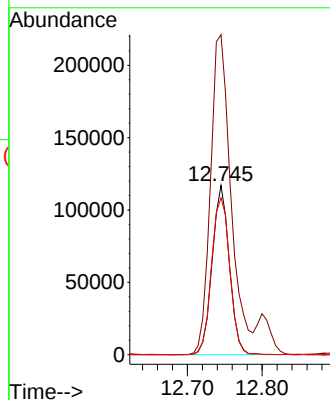
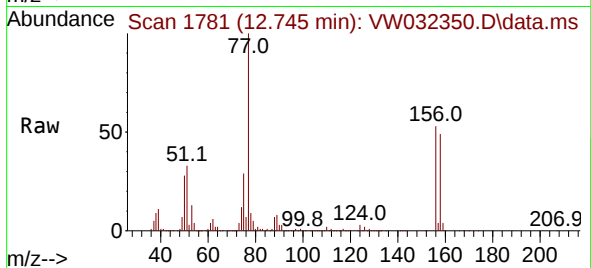
Tgt Ion:156 Resp: 186863

Ion Ratio Lower Upper

156 100

77 225.5 98.6 295.7

158 98.8 48.4 145.0



#78

n-propylbenzene

Concen: 50.027 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032350.D

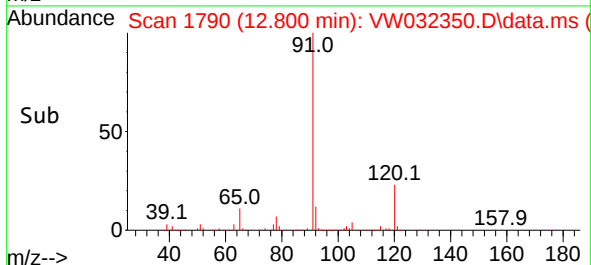
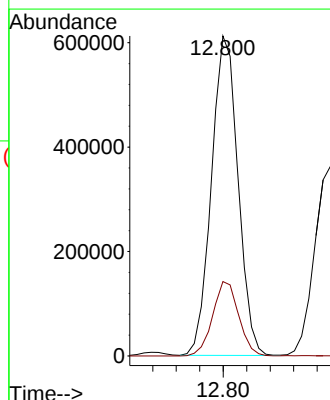
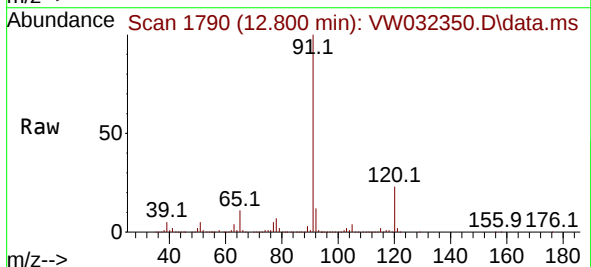
Acq: 03 Oct 2025 13:44

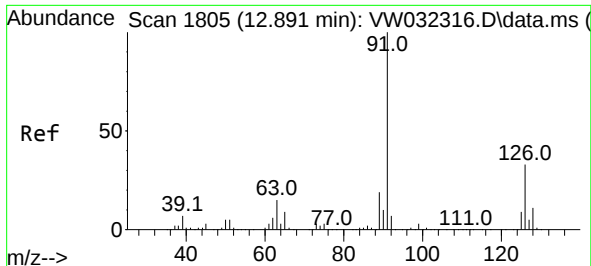
Tgt Ion: 91 Resp: 959621

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.4

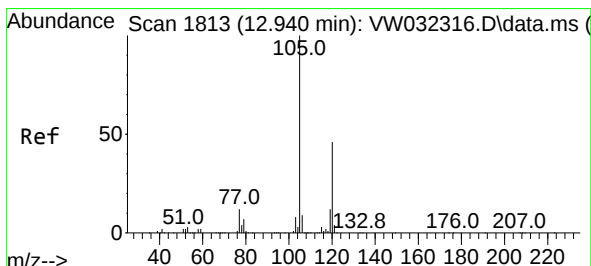
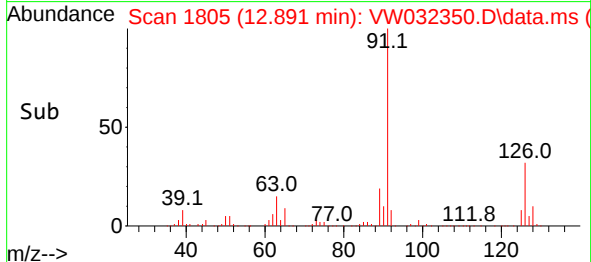
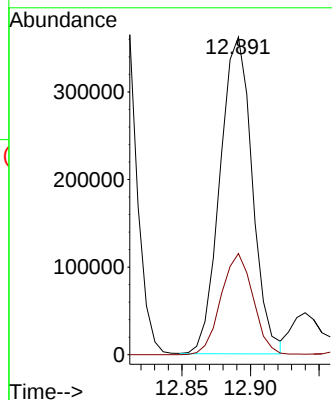
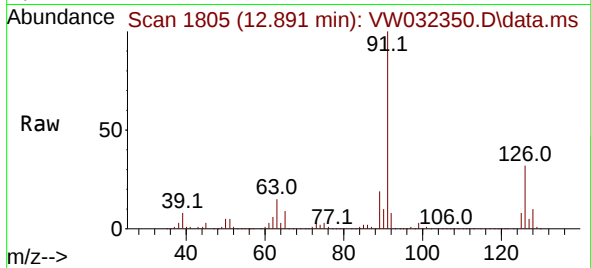




#79
2-Chlorotoluene
Concen: 50.671 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

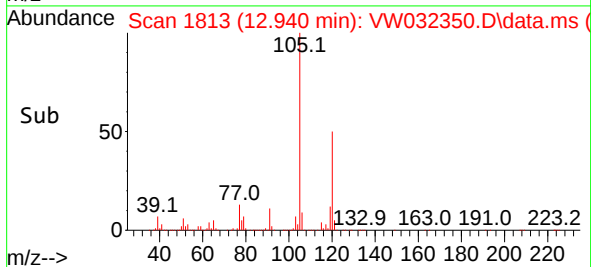
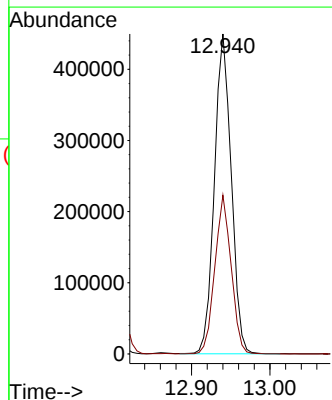
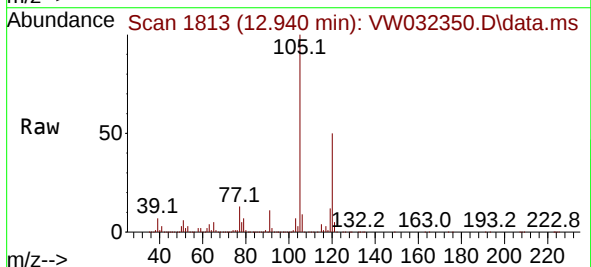
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

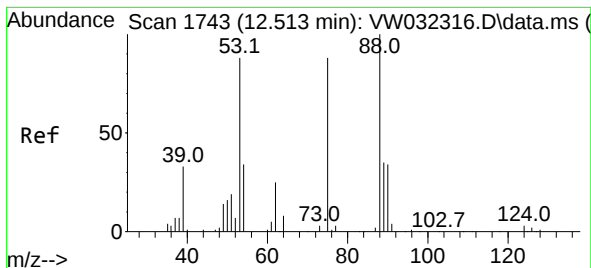
Tgt Ion: 91 Resp: 594305
Ion Ratio Lower Upper
91 100
126 31.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.504 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 105 Resp: 670624
Ion Ratio Lower Upper
105 100
120 48.1 24.8 74.4

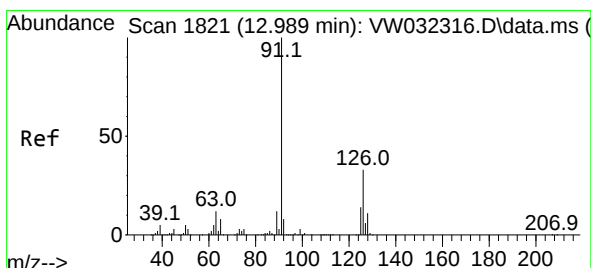
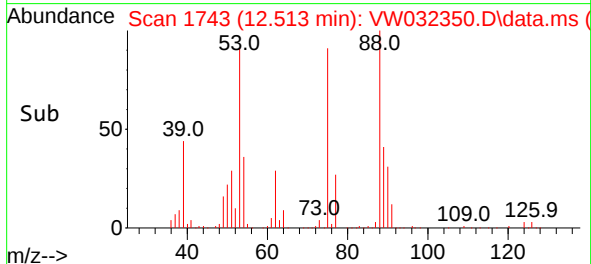
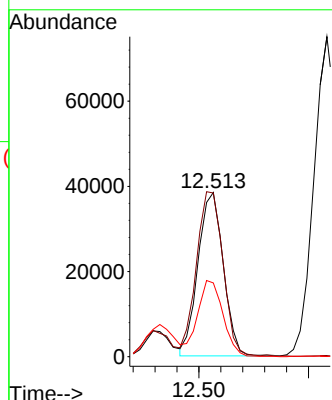
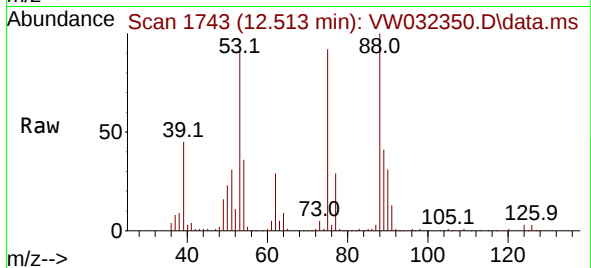




#81
trans-1,4-Dichloro-2-butene
Concen: 52.643 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

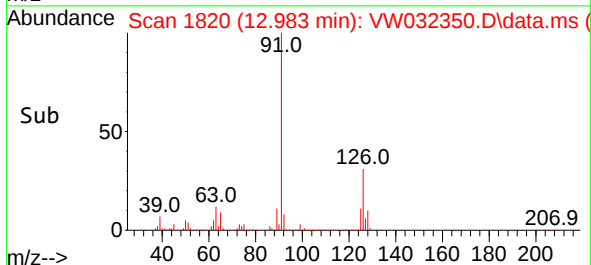
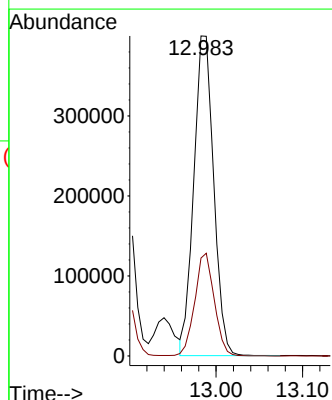
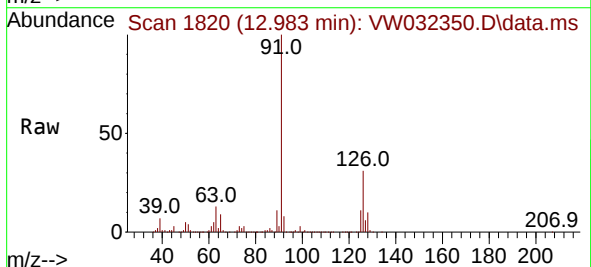
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

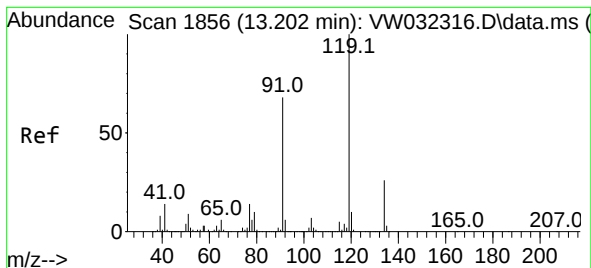
Tgt Ion: 75 Resp: 61381
Ion Ratio Lower Upper
75 100
53 106.2 91.0 136.6
89 47.7 39.4 59.2



#82
4-Chlorotoluene
Concen: 51.087 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 91 Resp: 637038
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2

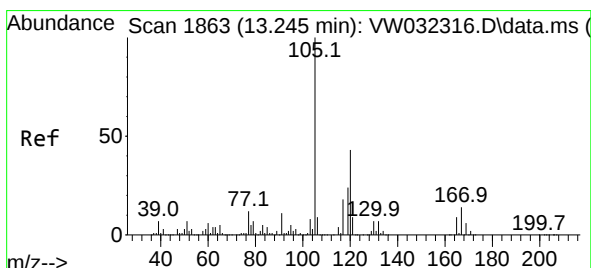
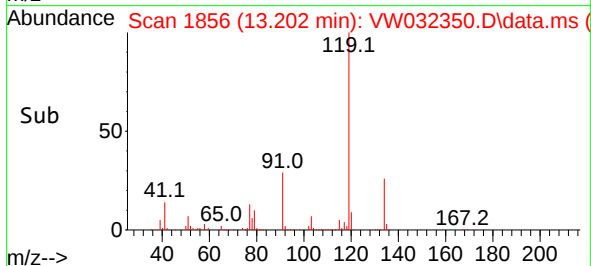
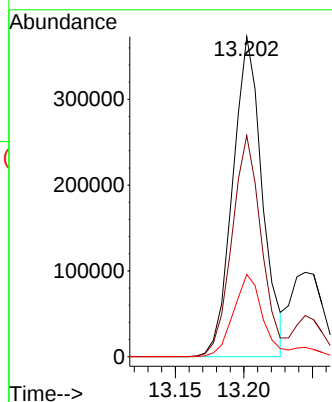
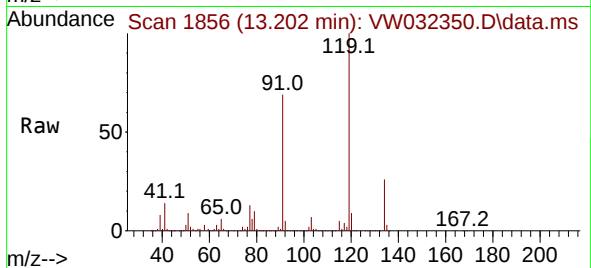




#83
tert-Butylbenzene
Concen: 51.392 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

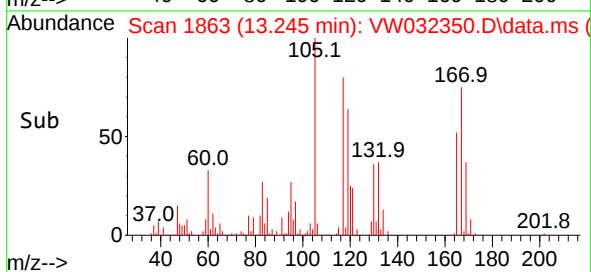
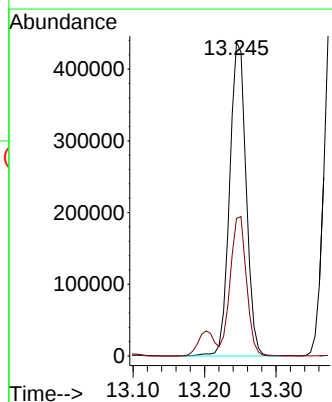
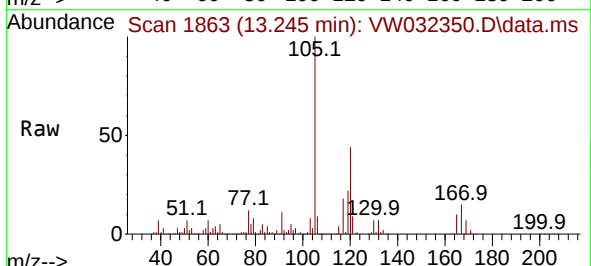
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

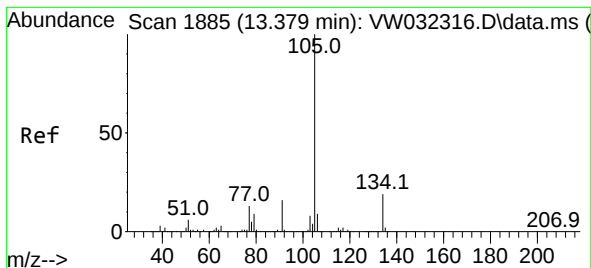
Tgt Ion:119 Resp: 559925
Ion Ratio Lower Upper
119 100
91 69.7 33.8 101.3
134 25.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 51.842 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:105 Resp: 699975
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.3

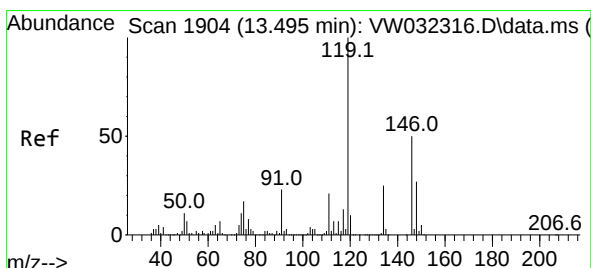
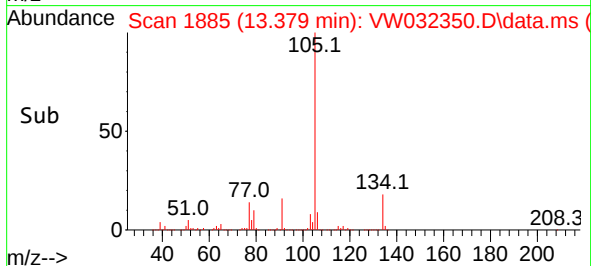
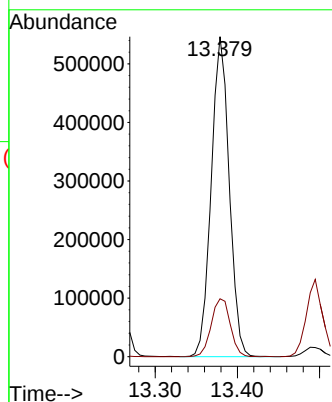
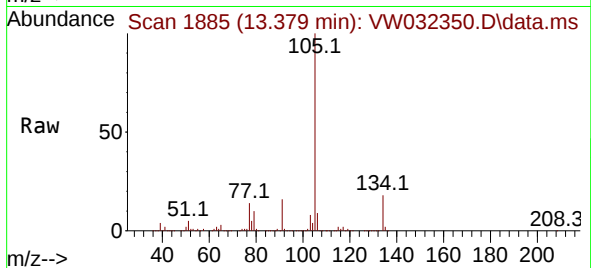




#85
 sec-Butylbenzene
 Concen: 49.916 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

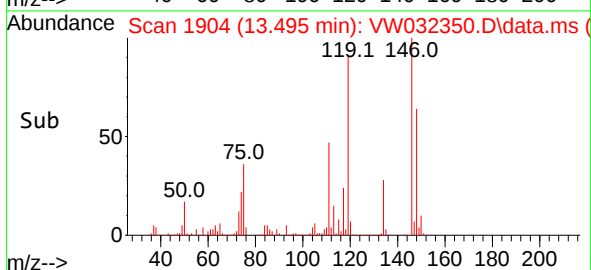
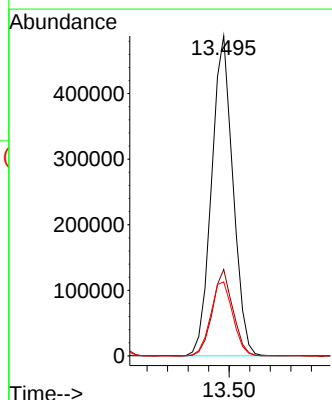
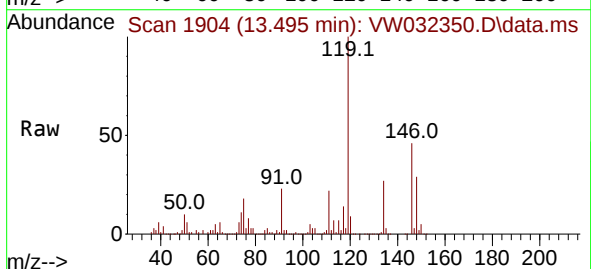
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

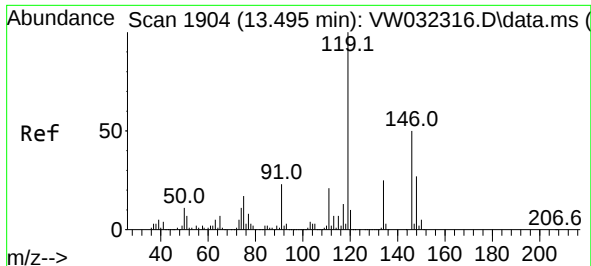
Tgt Ion:105 Resp: 831078
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.930 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032350.D
 Acq: 03 Oct 2025 13:44

Tgt Ion:119 Resp: 703597
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.6
 91 24.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.491 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

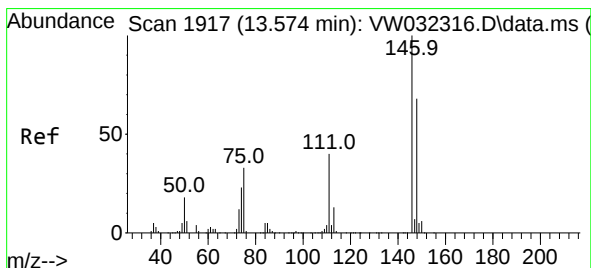
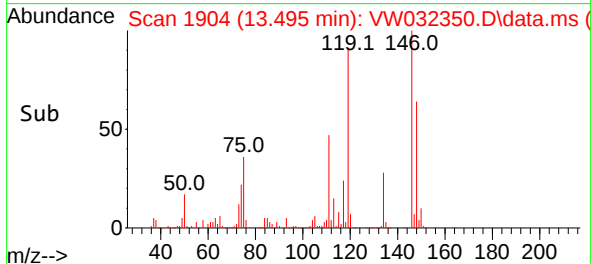
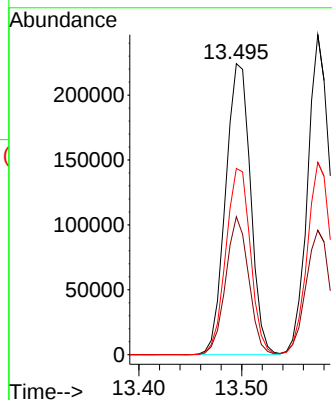
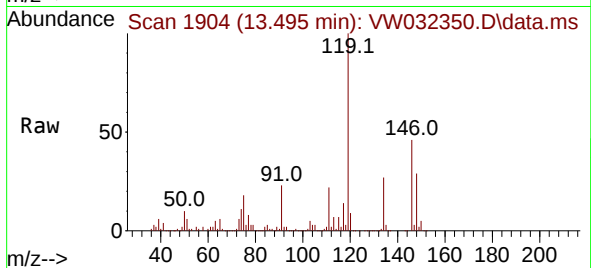
Tgt Ion:146 Resp: 378471

Ion Ratio Lower Upper

146 100

111 43.8 20.6 61.9

148 63.0 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 50.496 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

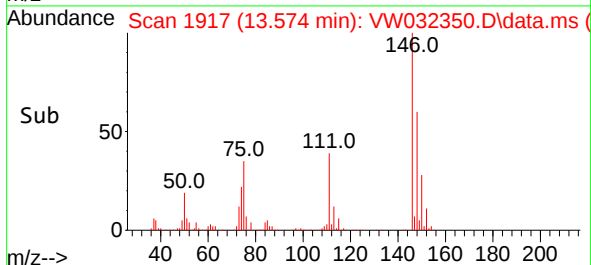
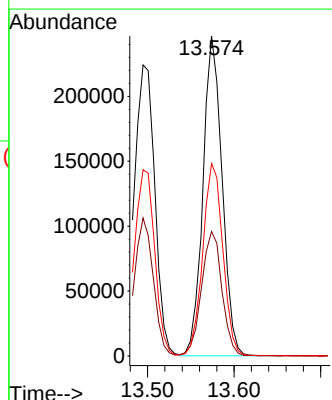
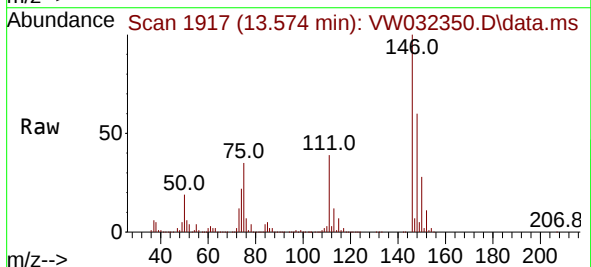
Tgt Ion:146 Resp: 378471

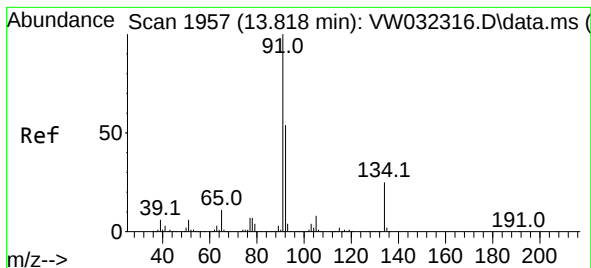
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 63.2 33.4 100.1





#89

n-Butylbenzene

Concen: 51.350 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

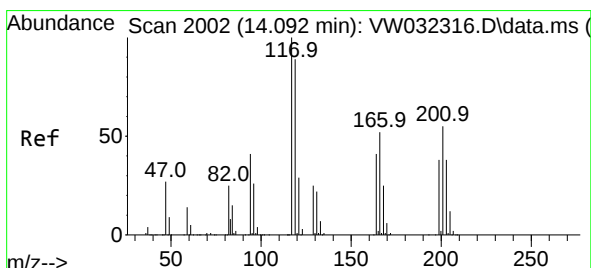
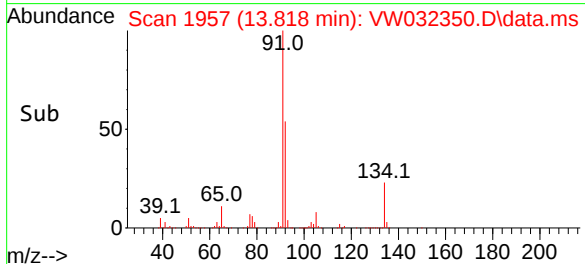
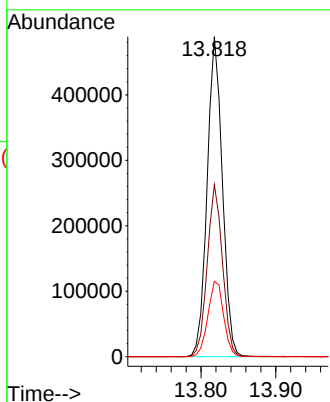
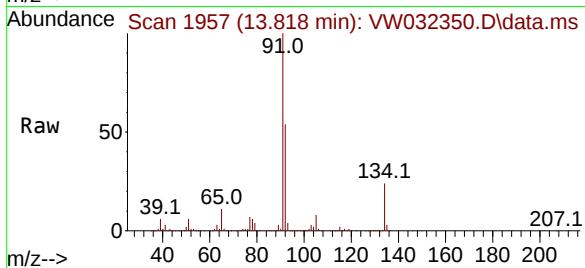
Tgt Ion: 91 Resp: 692643

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

134 24.4 13.1 39.3



#90

Hexachloroethane

Concen: 50.227 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032350.D

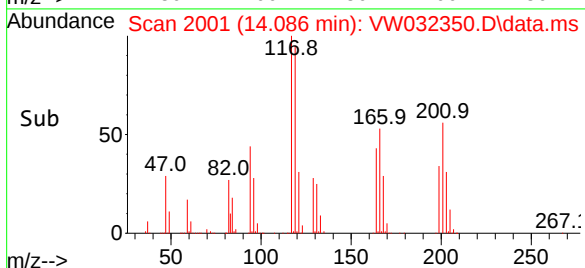
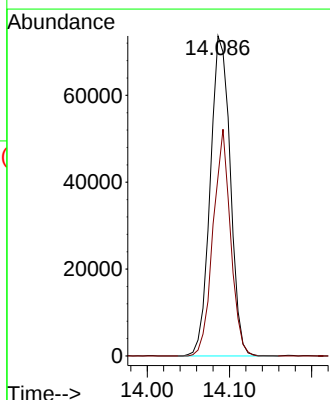
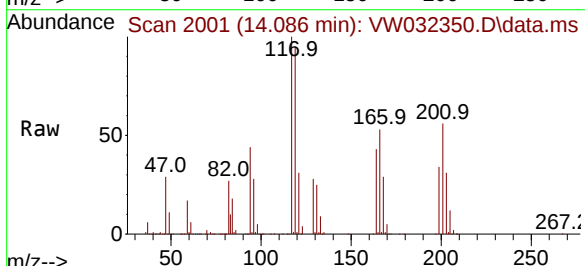
Acq: 03 Oct 2025 13:44

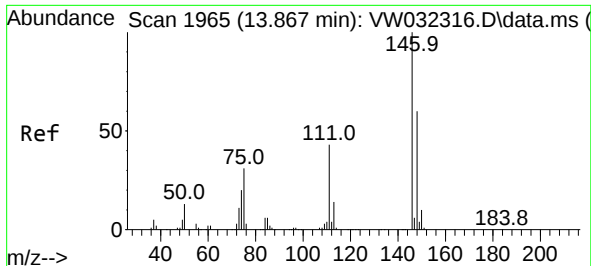
Tgt Ion: 117 Resp: 124373

Ion Ratio Lower Upper

117 100

201 62.1 32.8 98.4

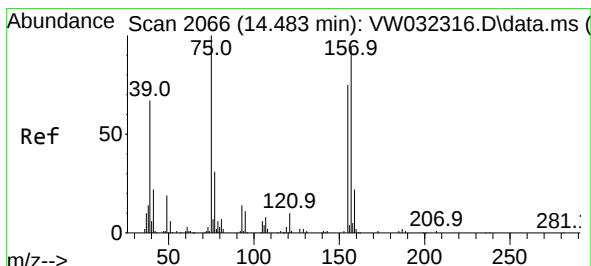
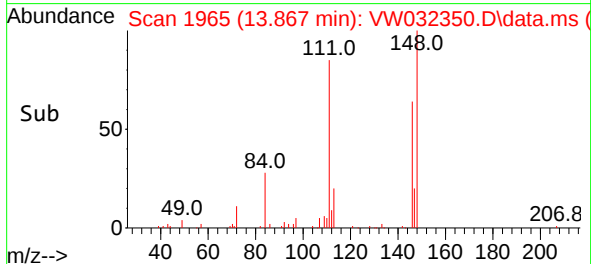
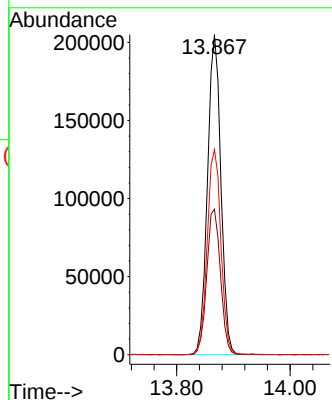
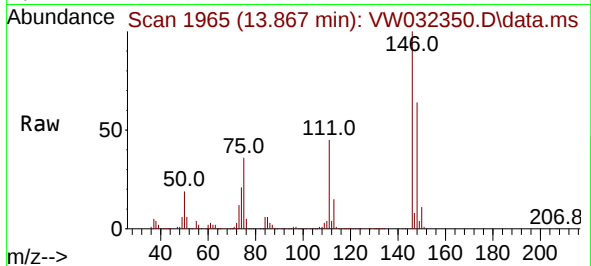




#91
1,2-Dichlorobenzene
Concen: 49.590 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

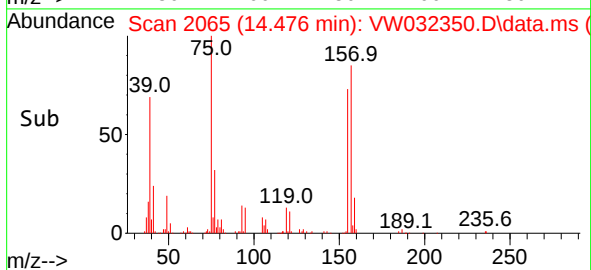
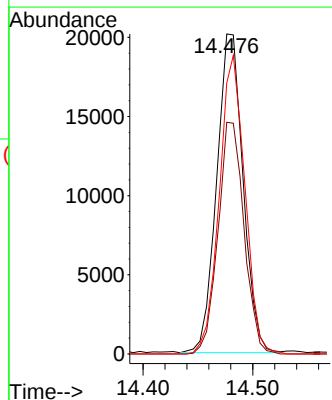
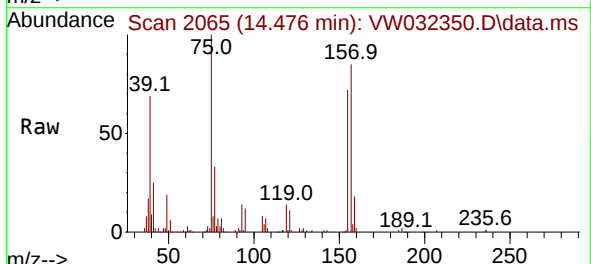
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

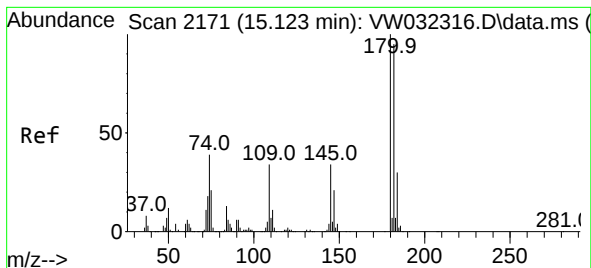
Tgt Ion:146 Resp: 336017
Ion Ratio Lower Upper
146 100
111 46.6 23.4 70.0
148 65.2 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.523 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion: 75 Resp: 33729
Ion Ratio Lower Upper
75 100
155 71.3 40.8 122.5
157 90.6 51.8 155.4

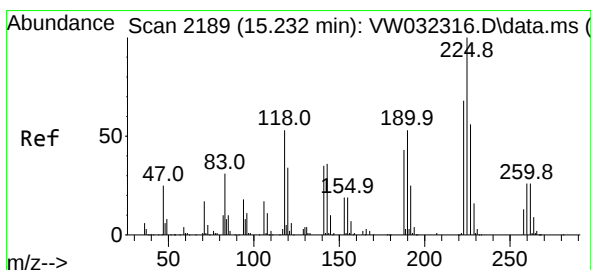
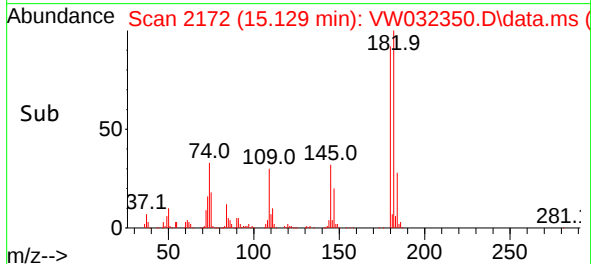
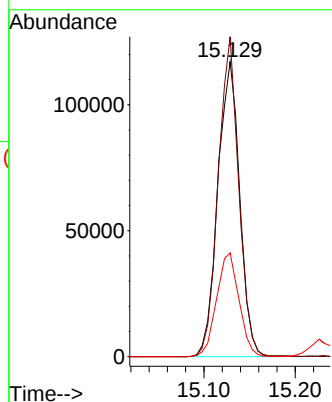
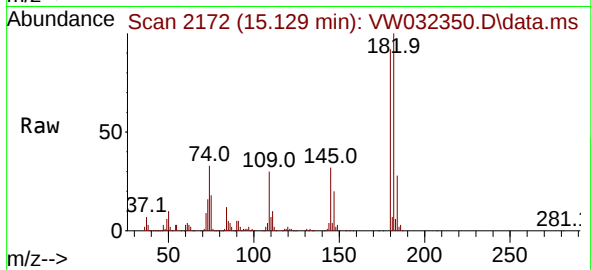




#93
1,2,4-Trichlorobenzene
Concen: 48.105 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

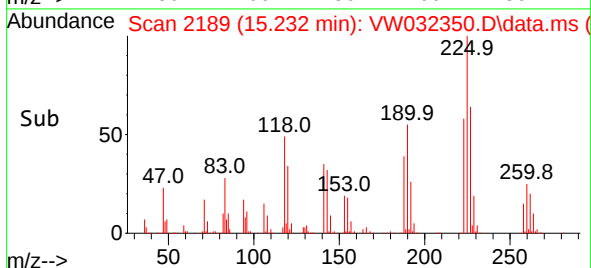
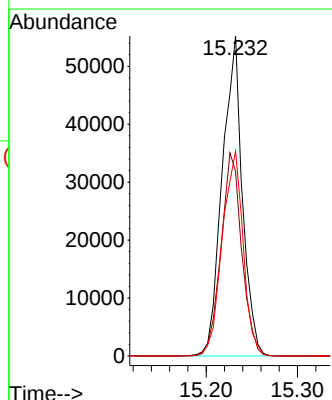
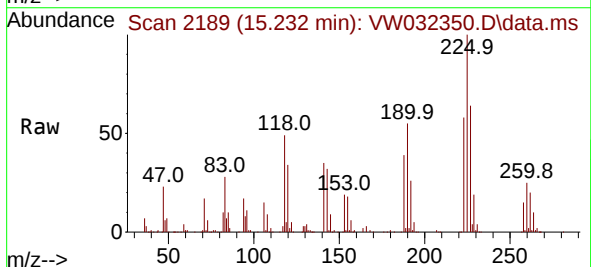
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

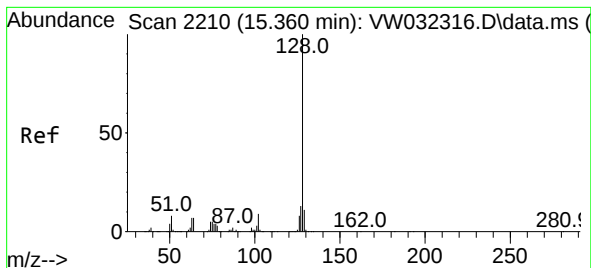
Tgt Ion:180 Resp: 195456
Ion Ratio Lower Upper
180 100
182 101.1 47.4 142.2
145 35.9 16.4 49.1



#94
Hexachlorobutadiene
Concen: 45.384 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032350.D
Acq: 03 Oct 2025 13:44

Tgt Ion:225 Resp: 84308
Ion Ratio Lower Upper
225 100
223 65.6 29.8 89.3
227 66.5 30.5 91.5





#95

Naphthalene

Concen: 52.649 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

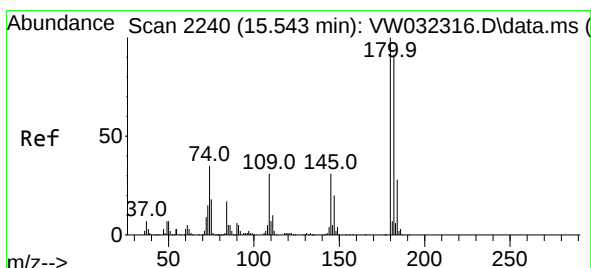
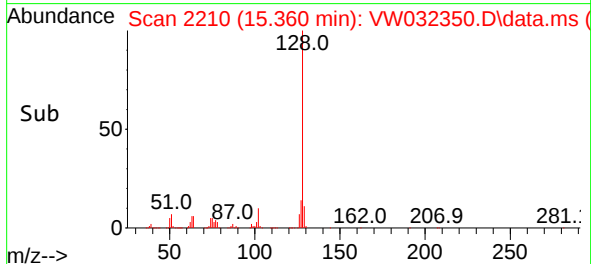
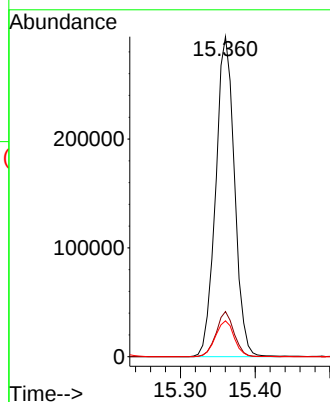
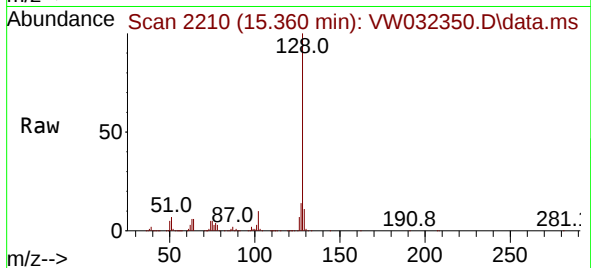
Tgt Ion:128 Resp: 513728

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.153 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032350.D

Acq: 03 Oct 2025 13:44

Tgt Ion:180 Resp: 184412

Ion Ratio Lower Upper

180 100

182 102.1 47.7 143.1

145 38.2 17.2 51.6

