

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092325\
 Data File : VW032234.D
 Acq On : 23 Sep 2025 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 03:44:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	189946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	317941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	297932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137290	50.540	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.080%	
35) Dibromofluoromethane	7.898	113	110935	49.732	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.460%	
50) Toluene-d8	10.324	98	400871	51.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.617	95	145980	50.414	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	58679	46.791	ug/l	95
3) Chloromethane	2.253	50	67415	51.271	ug/l	96
4) Vinyl Chloride	2.405	62	97574	57.134	ug/l	99
5) Bromomethane	2.820	94	78614	51.548	ug/l	98
6) Chloroethane	2.966	64	68085	56.610	ug/l	99
7) Trichlorofluoromethane	3.301	101	87126	51.489	ug/l	98
8) Diethyl Ether	3.716	74	69512	55.047	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	108591	56.967	ug/l	98
10) Methyl Iodide	4.313	142	134715	46.413	ug/l	98
11) Tert butyl alcohol	5.210	59	39881	240.016	ug/l	96
12) 1,1-Dichloroethene	4.069	96	114750	57.161	ug/l	96
13) Acrolein	3.929	56	10638	41.650	ug/l	89
14) Allyl chloride	4.697	41	144906	50.817	ug/l	99
15) Acrylonitrile	5.399	53	157982	257.324	ug/l	99
16) Acetone	4.155	43	184287	313.248	ug/l	99
17) Carbon Disulfide	4.417	76	232479	46.302	ug/l	99
18) Methyl Acetate	4.704	43	110882	59.154	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	194176	51.222	ug/l	98
20) Methylene Chloride	4.947	84	117073	48.464	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	113933	50.804	ug/l	90
22) Diisopropyl ether	6.337	45	328279	52.895	ug/l	99
23) Vinyl Acetate	6.282	43	1067162	252.909	ug/l	99
24) 1,1-Dichloroethane	6.240	63	205403	50.554	ug/l	99
25) 2-Butanone	7.191	43	220079	263.993	ug/l	98
26) 2,2-Dichloropropane	7.185	77	116558	54.172	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	136735	50.106	ug/l	98
28) Bromochloromethane	7.532	49	92468	49.716	ug/l	97
29) Tetrahydrofuran	7.551	42	136456	257.582	ug/l	99
30) Chloroform	7.691	83	240745	51.897	ug/l	99
31) Cyclohexane	7.965	56	160170	48.029	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	175304	51.768	ug/l	99
36) 1,1-Dichloropropene	8.093	75	151140	52.258	ug/l	99
37) Ethyl Acetate	7.276	43	87511	50.438	ug/l	98
38) Carbon Tetrachloride	8.081	117	165116	53.255	ug/l	97
39) Methylcyclohexane	9.343	83	177225	51.734	ug/l	96
40) Benzene	8.331	78	462322	51.713	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51799	53.737	ug/l	94
42) 1,2-Dichloroethane	8.410	62	161958	52.257	ug/l	100
43) Isopropyl Acetate	8.435	43	172453	52.982	ug/l	99
44) Trichloroethene	9.099	130	116822	51.961	ug/l	92
45) 1,2-Dichloropropane	9.373	63	114594	53.172	ug/l	97
46) Dibromomethane	9.465	93	77517	51.281	ug/l	95
47) Bromodichloromethane	9.654	83	185683	54.055	ug/l	99
48) Methyl methacrylate	9.440	41	79495	52.996	ug/l	96
49) 1,4-Dioxane	9.459	88	19959	1092.823	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	500564	272.358	ug/l	99
52) Toluene	10.392	92	304923	52.193	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	162715	53.695	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	187950	54.357	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	101329	51.550	ug/l	97
56) Ethyl methacrylate	10.648	69	135581	53.952	ug/l	98
57) 1,3-Dichloropropane	10.934	76	172029	52.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	378192	281.953	ug/l	100
59) 2-Hexanone	10.971	43	362059	283.256	ug/l	98
60) Dibromochloromethane	11.129	129	124901	52.512	ug/l	98
61) 1,2-Dibromoethane	11.239	107	99449	51.448	ug/l	100
64) Tetrachloroethene	10.861	164	97621	49.784	ug/l	90
65) Chlorobenzene	11.653	112	347645	51.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	118593	53.118	ug/l	95
67) Ethyl Benzene	11.727	91	579420	52.149	ug/l	99
68) m/p-Xylenes	11.836	106	460603	107.715	ug/l	100
69) o-Xylene	12.166	106	214032	52.916	ug/l	98
70) Styrene	12.178	104	378151	53.036	ug/l	99
71) Bromoform	12.342	173	67283	50.741	ug/l #	98
73) Isopropylbenzene	12.458	105	554887	51.839	ug/l	100
74) N-amyl acetate	12.269	43	157249	50.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	127768	50.226	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	160640	81.381	ug/l	39
77) Bromobenzene	12.745	156	133417	48.877	ug/l	98
78) n-propylbenzene	12.800	91	698290	53.733	ug/l	96
79) 2-Chlorotoluene	12.891	91	403446	50.768	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	480240	52.991	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	37944	51.757	ug/l	97
82) 4-Chlorotoluene	12.983	91	425874	50.065	ug/l	99
83) tert-Butylbenzene	13.202	119	416789	54.240	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	472709	50.416	ug/l	100
85) sec-Butylbenzene	13.379	105	589529	51.385	ug/l	100
86) p-Isopropyltoluene	13.495	119	506921	51.956	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	269361	49.010	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	255862	46.445	ug/l	99
89) n-Butylbenzene	13.818	91	491706	52.861	ug/l	98
90) Hexachloroethane	14.086	117	93430	52.353	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	238659	49.046	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	22401	49.846	ug/l	92
93) 1,2,4-Trichlorobenzene	15.122	180	149078	47.952	ug/l	99
94) Hexachlorobutadiene	15.232	225	69292	44.940	ug/l	95
95) Naphthalene	15.360	128	360154	51.187	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	129746	44.875	ug/l	95

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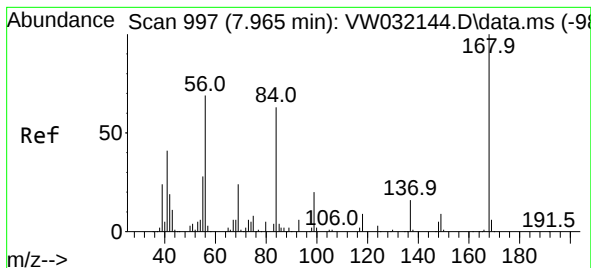
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QLast Update : Wed Aug 27 04:13:40 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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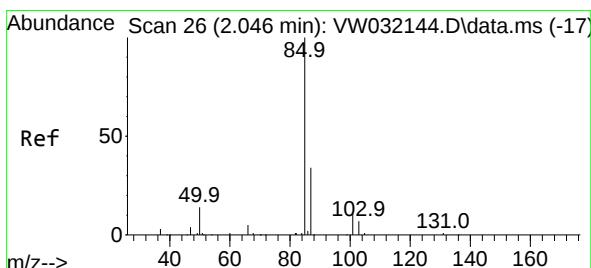
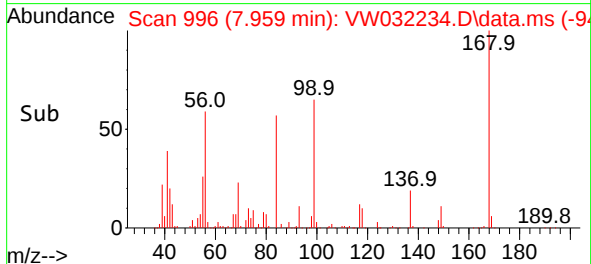
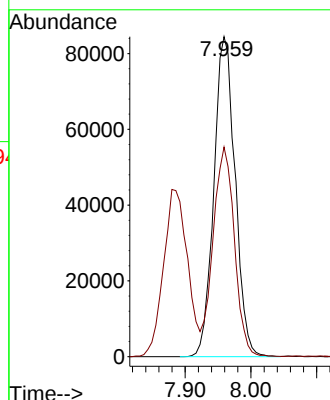
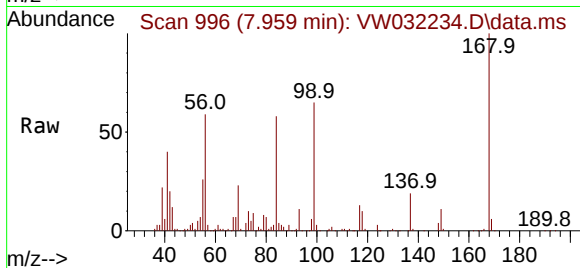




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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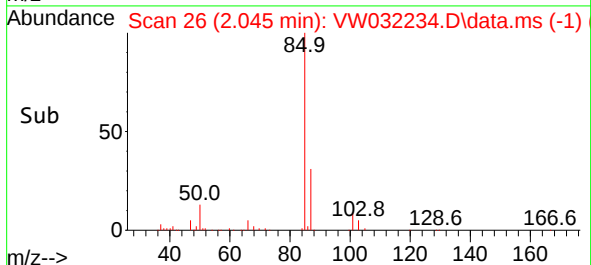
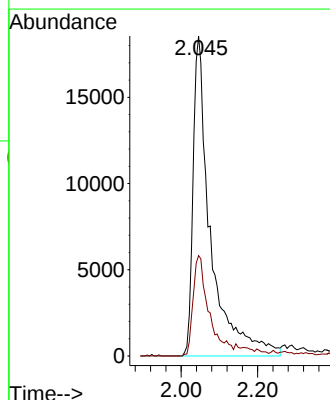
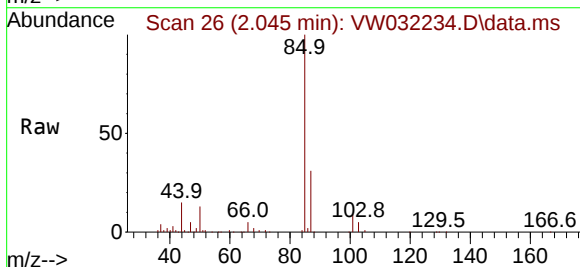
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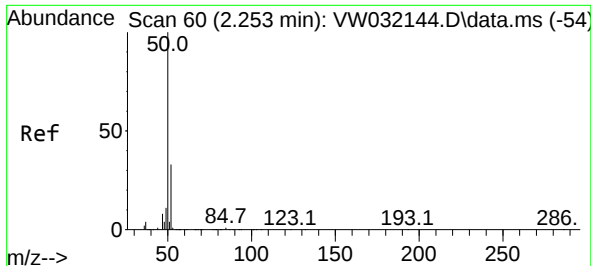
Tgt Ion:168 Resp: 189946
Ion Ratio Lower Upper
168 100
99 65.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 46.791 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 85 Resp: 58679
Ion Ratio Lower Upper
85 100
87 31.4 17.2 51.6

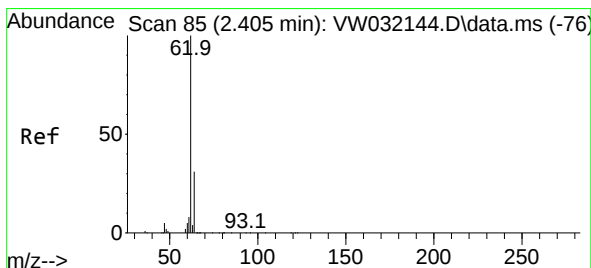
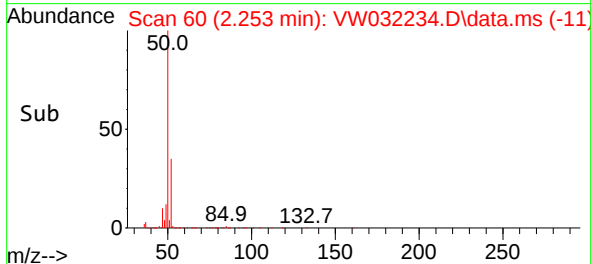
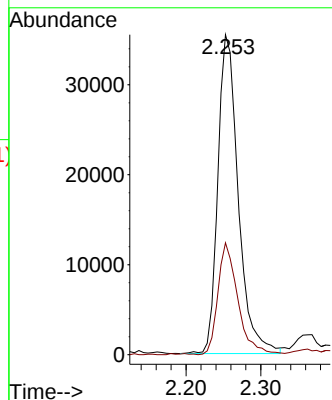
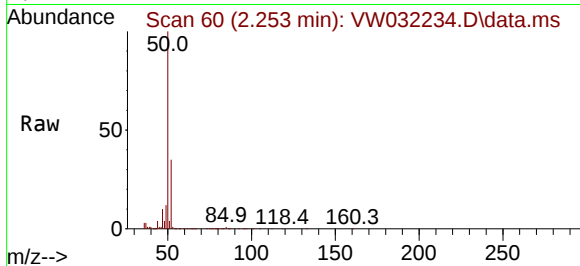




#3
Chloromethane
Concen: 51.271 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

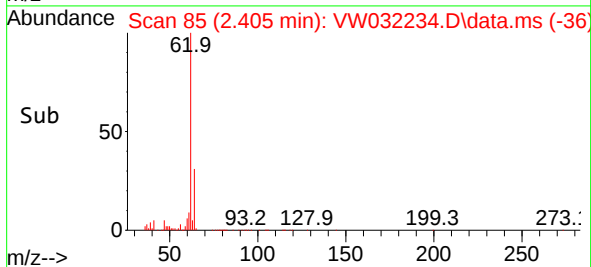
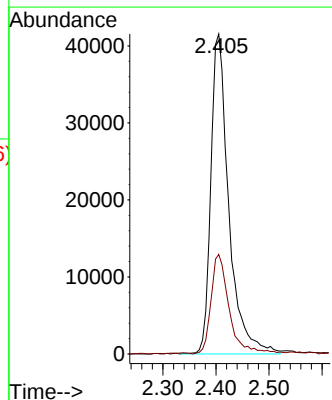
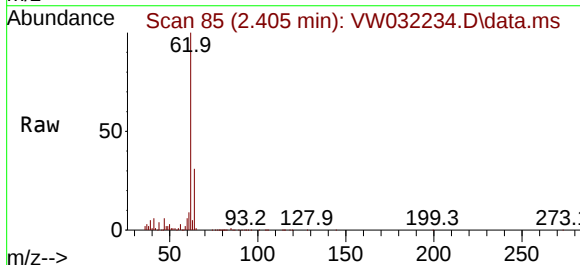
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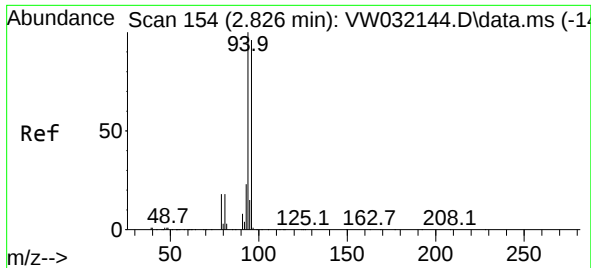
Tgt Ion: 50 Resp: 67415
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1



#4
Vinyl Chloride
Concen: 57.134 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 62 Resp: 97574
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2

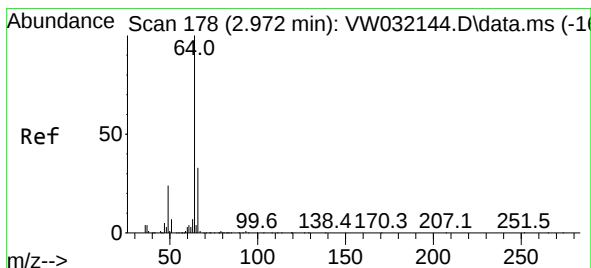
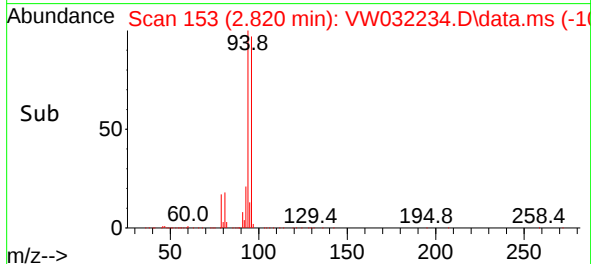
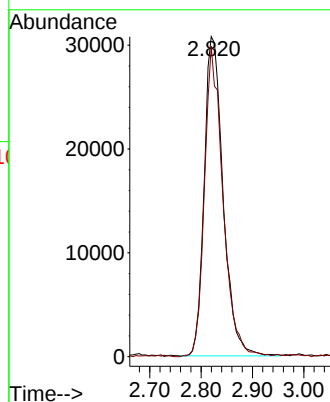
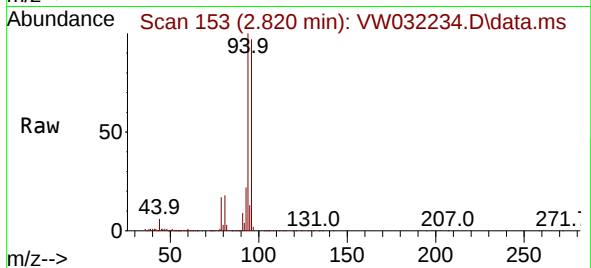




#5
Bromomethane
Concen: 51.548 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

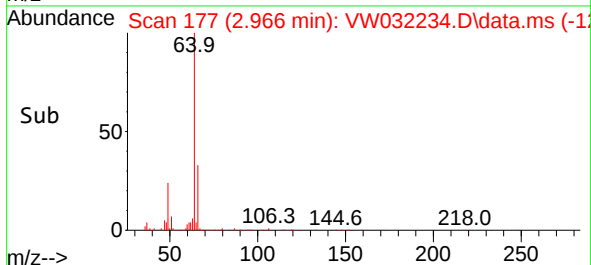
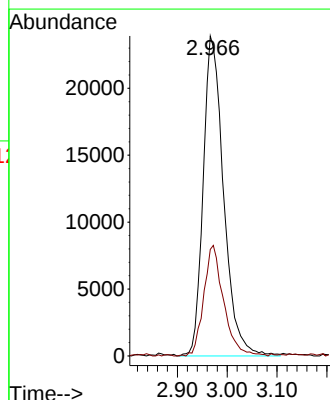
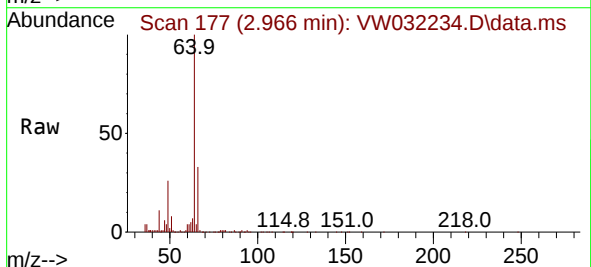
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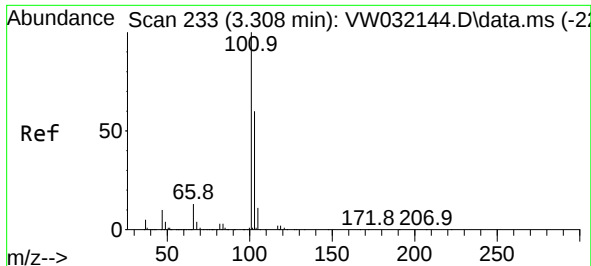
Tgt Ion: 94 Resp: 78614
Ion Ratio Lower Upper
94 100
96 97.3 76.6 115.0



#6
Chloroethane
Concen: 56.610 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 64 Resp: 68085
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

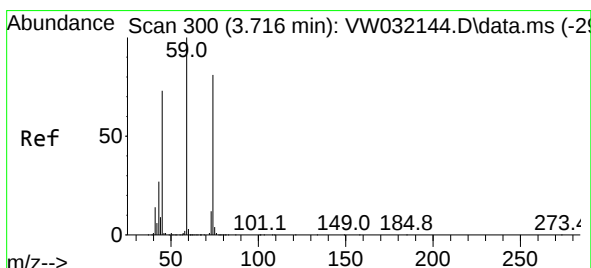
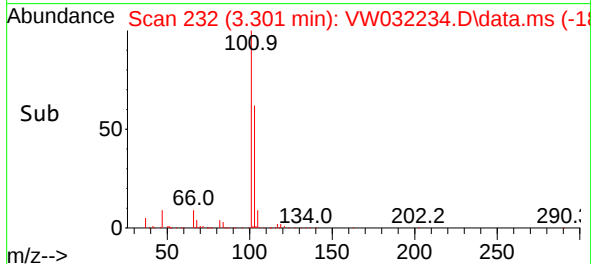
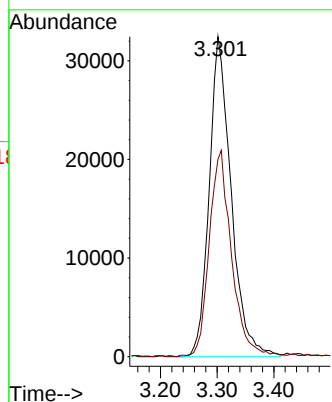
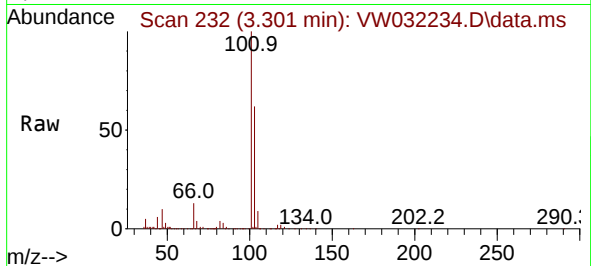




#7
 Trichlorofluoromethane
 Concen: 51.489 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

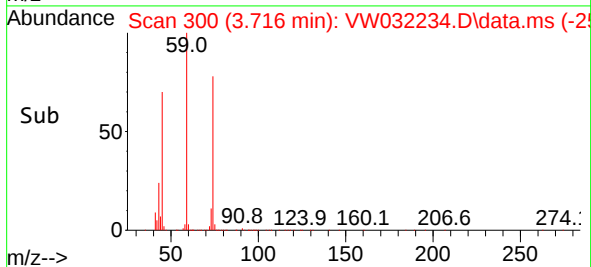
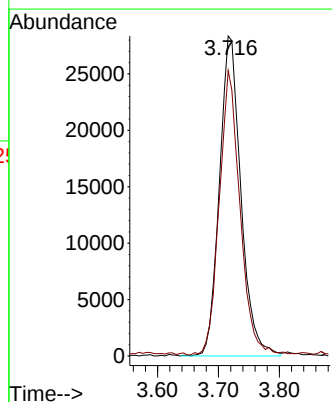
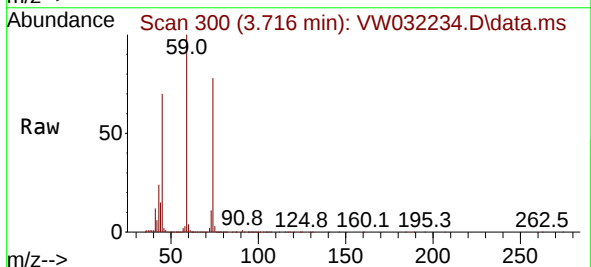
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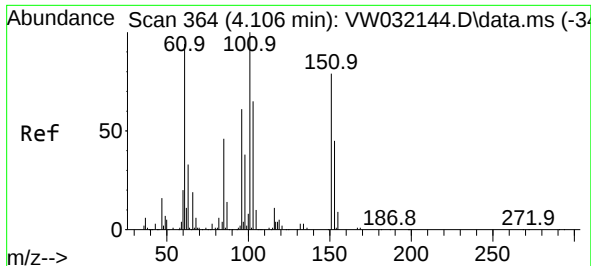
Tgt Ion:101 Resp: 87126
 Ion Ratio Lower Upper
 101 100
 103 61.2 47.8 71.8



#8
 Diethyl Ether
 Concen: 55.047 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 69512
 Ion Ratio Lower Upper
 74 100
 45 85.9 43.1 129.4

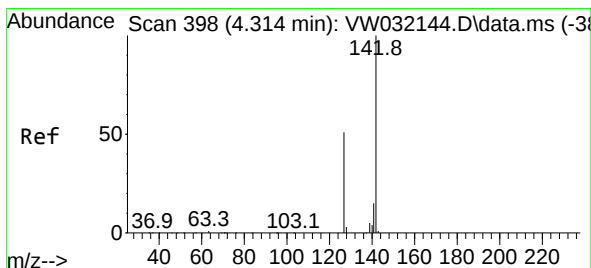
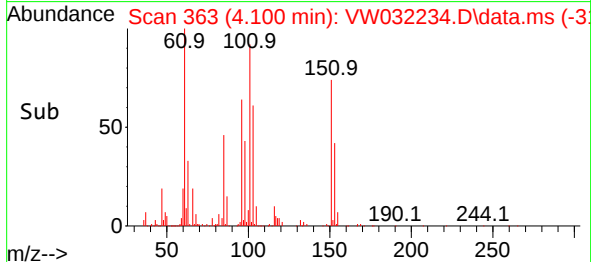
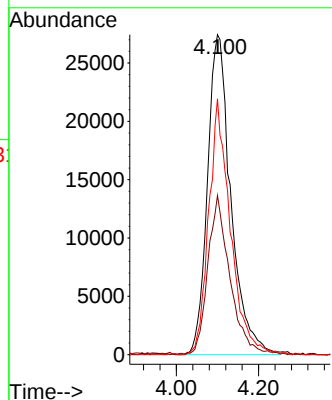
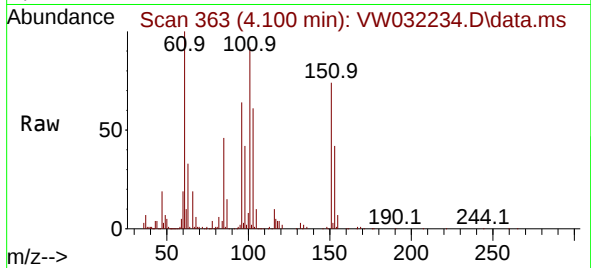




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.967 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032234.D
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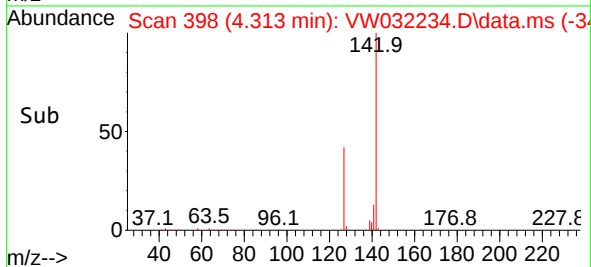
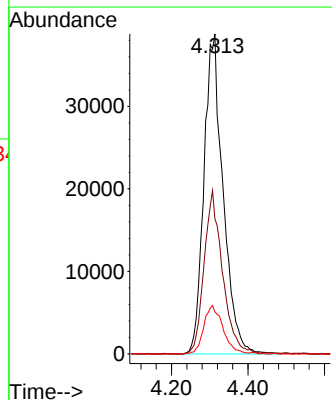
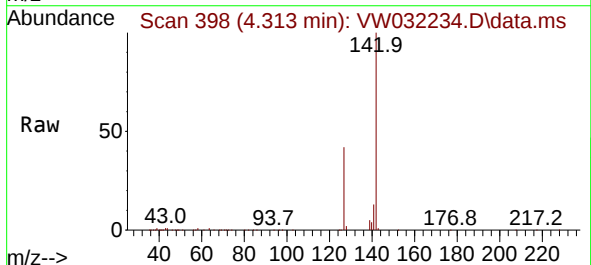
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

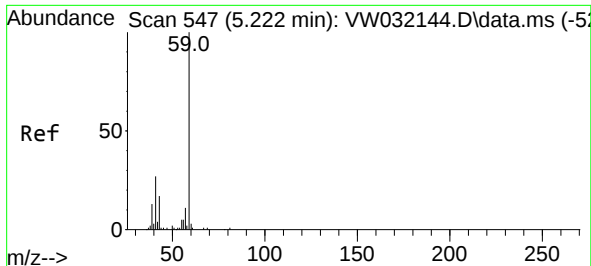
Tgt Ion:101 Resp: 108591
Ion Ratio Lower Upper
101 100
85 46.9 37.1 55.7
151 74.0 61.5 92.3



#10
Methyl Iodide
Concen: 46.413 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:142 Resp: 134715
Ion Ratio Lower Upper
142 100
127 49.1 38.2 57.2
141 15.2 12.2 18.2

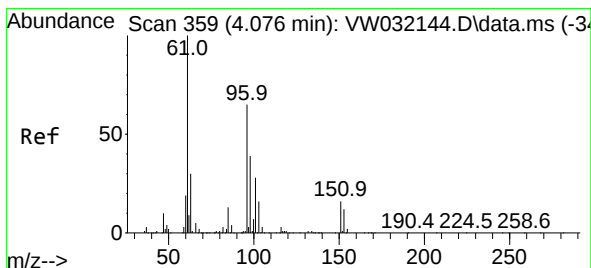
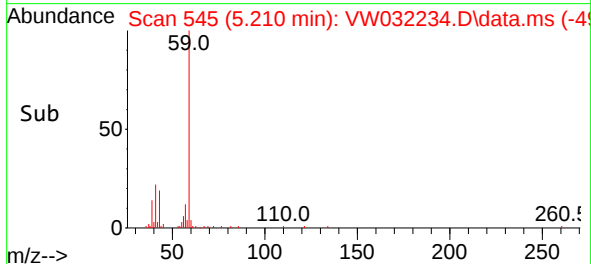
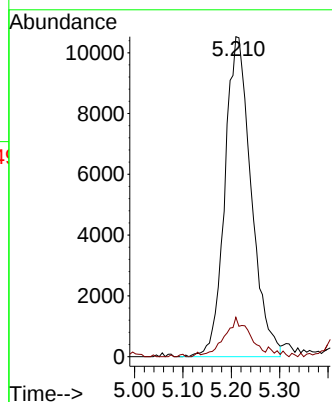
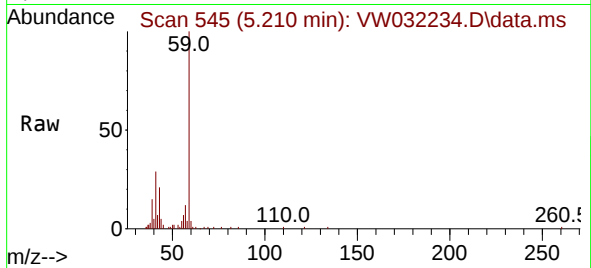




#11
Tert butyl alcohol
Concen: 240.016 ug/l
RT: 5.210 min Scan# 547
Delta R.T. -0.012 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

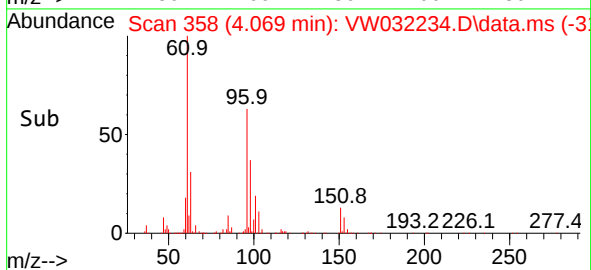
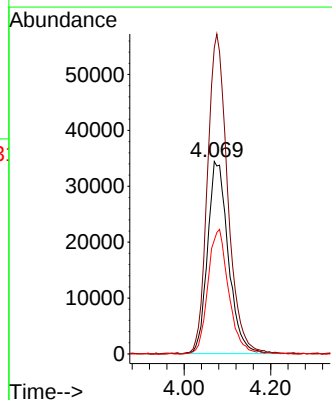
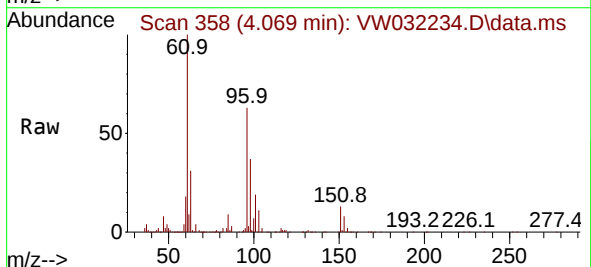
Instrument :
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ClientSampleId :
VSTDCCC050

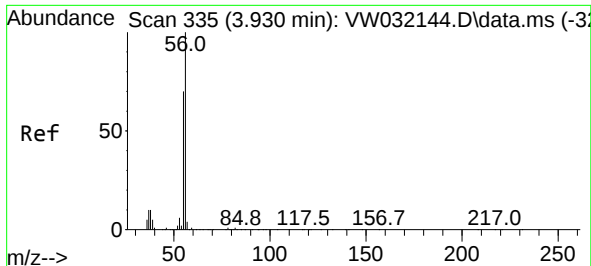
Tgt Ion: 59 Resp: 39881
Ion Ratio Lower Upper
59 100
57 10.7 9.8 14.6



#12
1,1-Dichloroethene
Concen: 57.161 ug/l
RT: 4.069 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 96 Resp: 114750
Ion Ratio Lower Upper
96 100
61 159.2 123.0 184.4
98 59.2 48.5 72.7

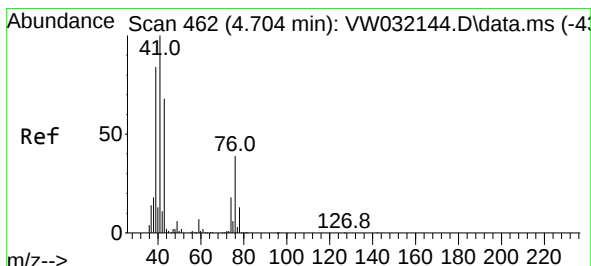
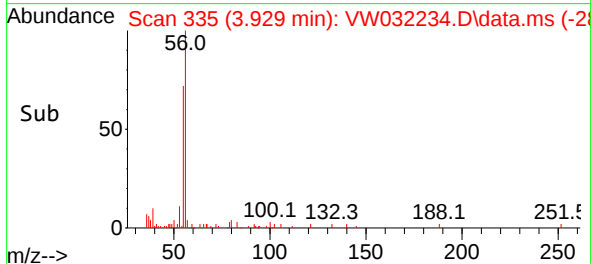
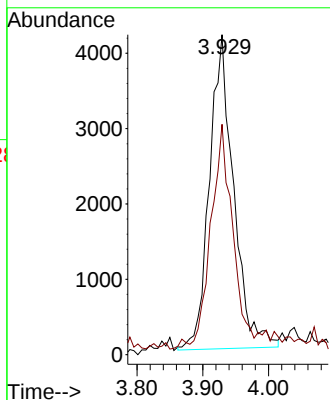
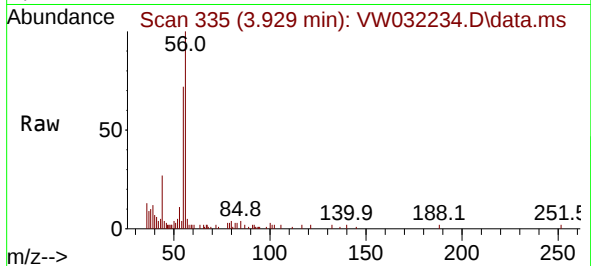




#13
Acrolein
Concen: 41.650 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

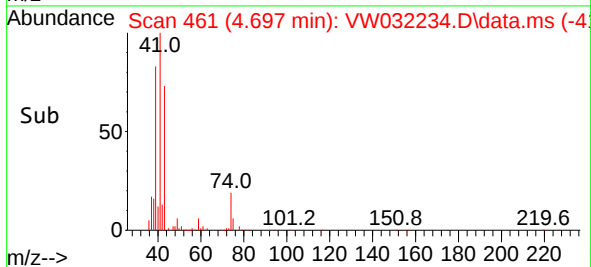
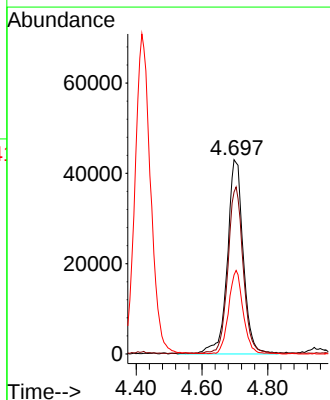
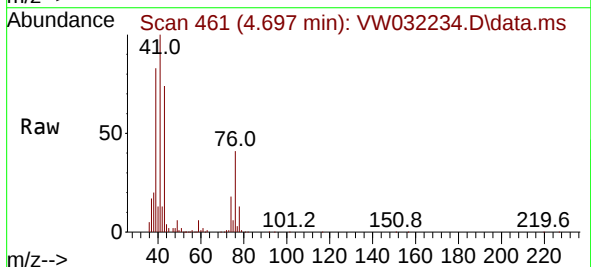
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

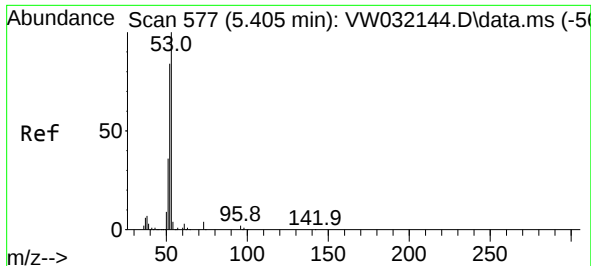
Tgt Ion: 56 Resp: 10638
Ion Ratio Lower Upper
56 100
55 61.5 56.4 84.6



#14
Allyl chloride
Concen: 50.817 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 41 Resp: 144906
Ion Ratio Lower Upper
41 100
39 81.7 64.1 96.1
76 39.3 31.4 47.2

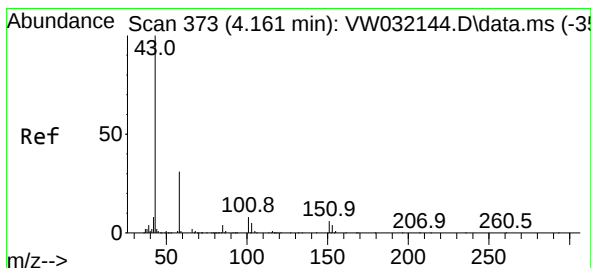
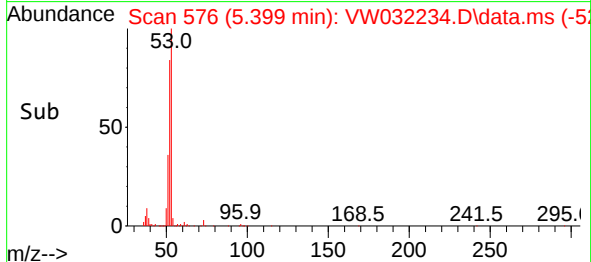
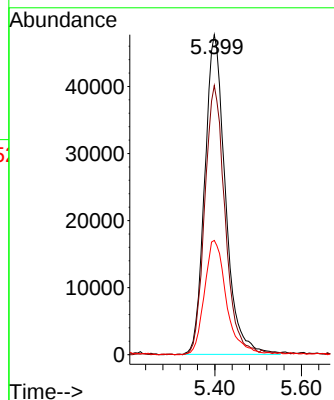
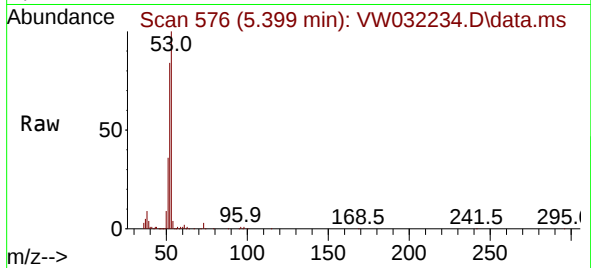




#15
Acrylonitrile
Concen: 257.324 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

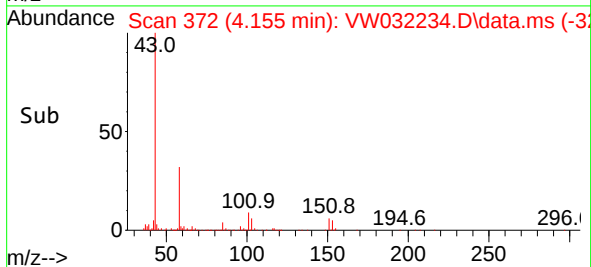
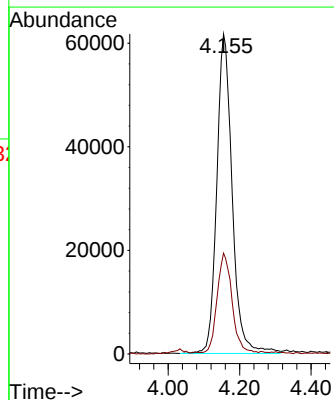
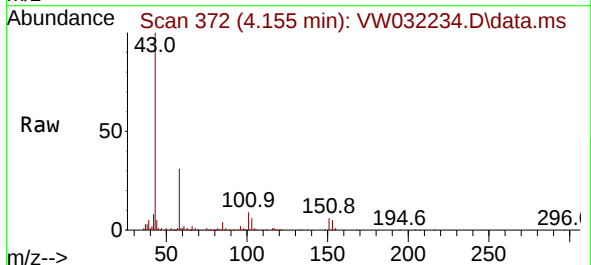
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

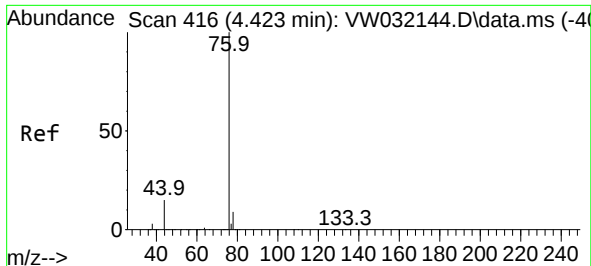
Tgt Ion: 53 Resp: 157982
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.2
51 38.2 30.3 45.5



#16
Acetone
Concen: 313.248 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 43 Resp: 184287
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9

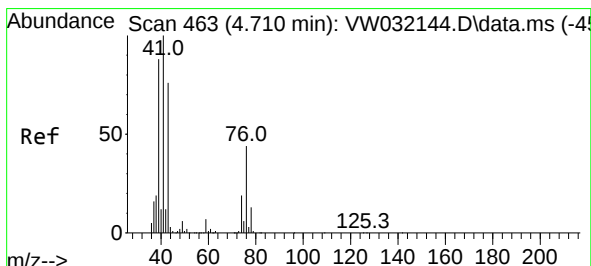
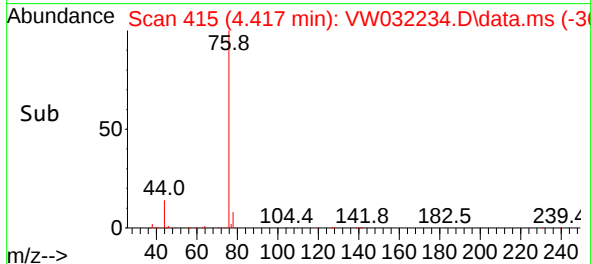
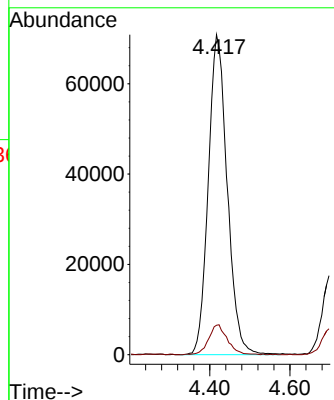
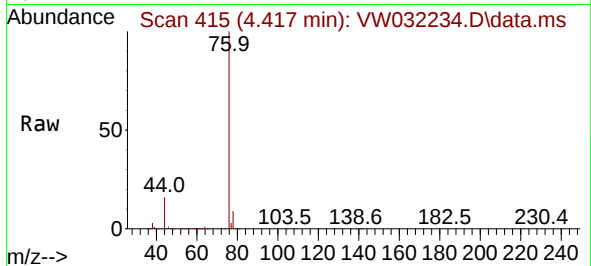




#17
Carbon Disulfide
Concen: 46.302 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

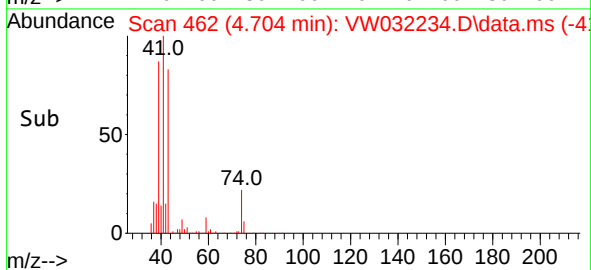
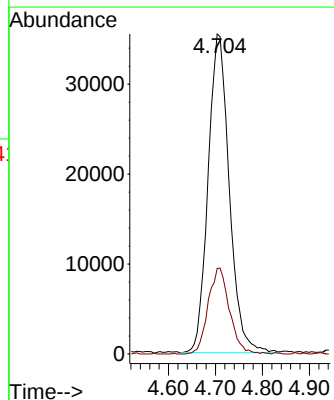
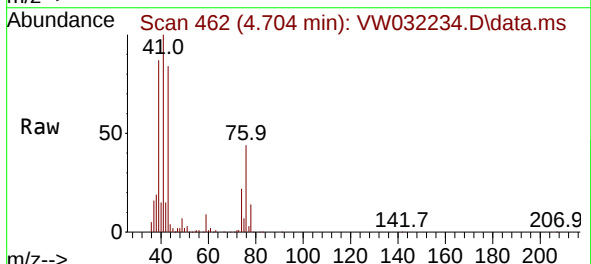
Instrument :
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ClientSampleId :
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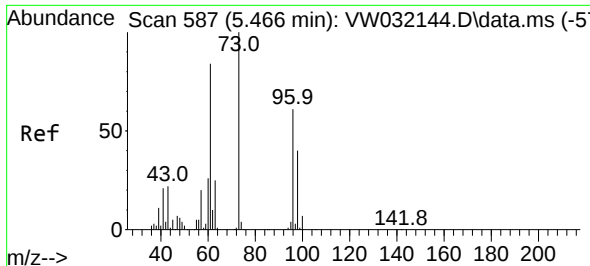
Tgt Ion: 76 Resp: 232479
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 59.154 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 43 Resp: 110882
Ion Ratio Lower Upper
43 100
74 27.0 20.2 30.4

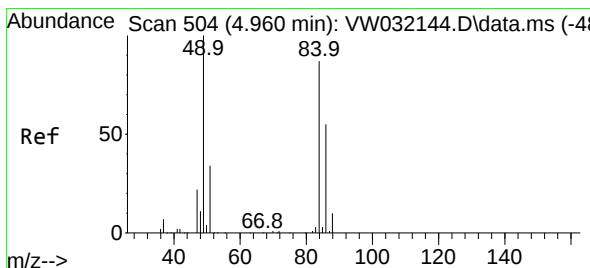
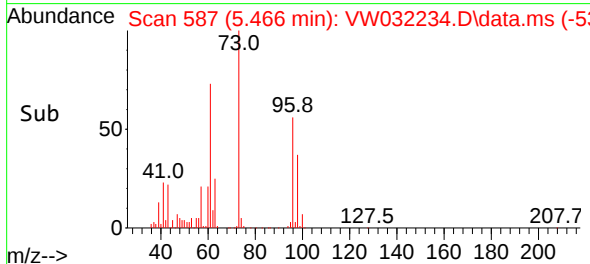
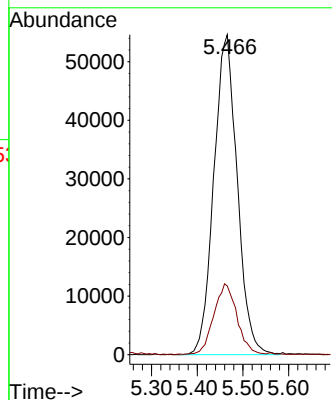
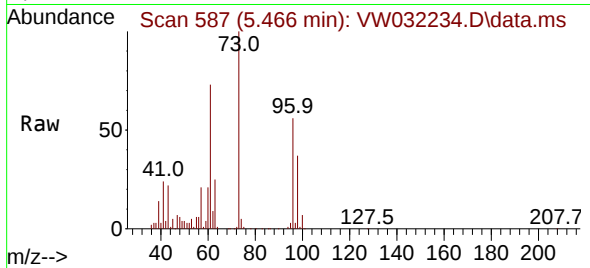




#19
Methyl tert-butyl Ether
Concen: 51.222 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

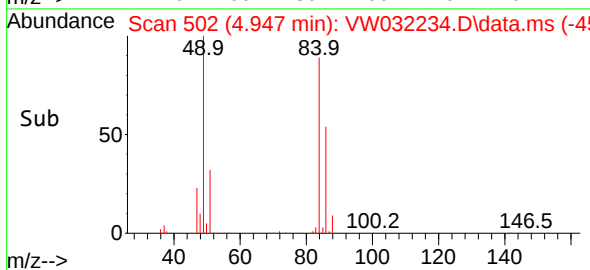
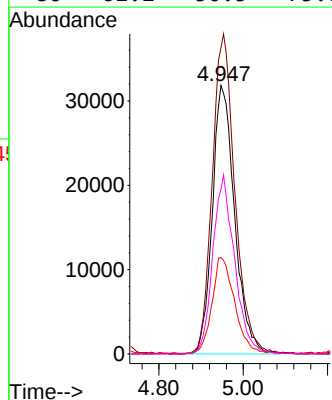
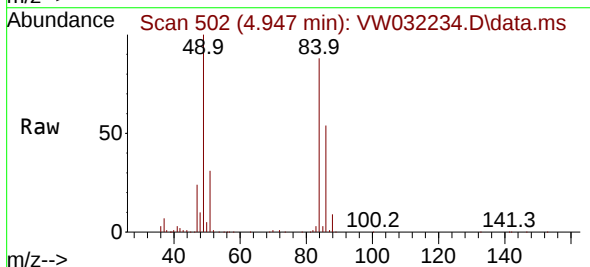
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

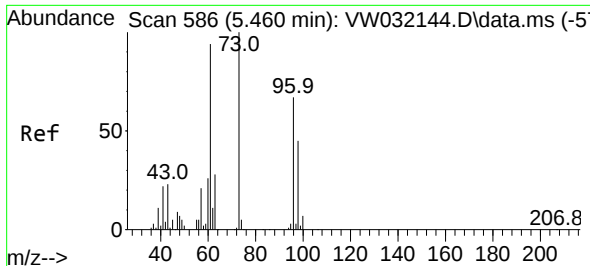
Tgt Ion: 73 Resp: 194176
Ion Ratio Lower Upper
73 100
57 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 48.464 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 84 Resp: 117073
Ion Ratio Lower Upper
84 100
49 114.0 92.2 138.4
51 35.9 31.0 46.6
86 61.2 50.5 75.7

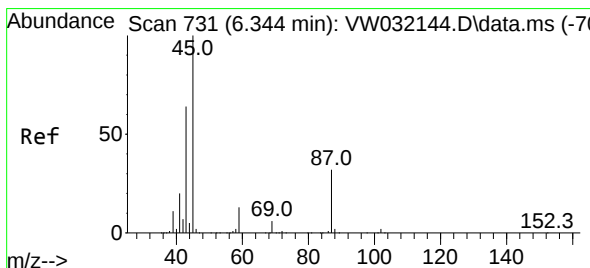
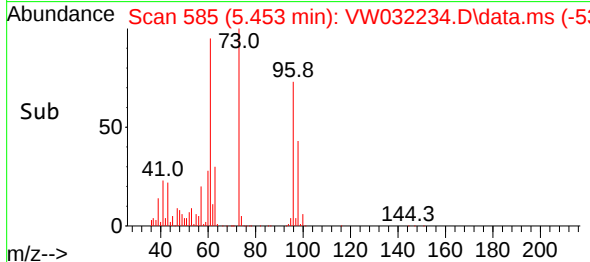
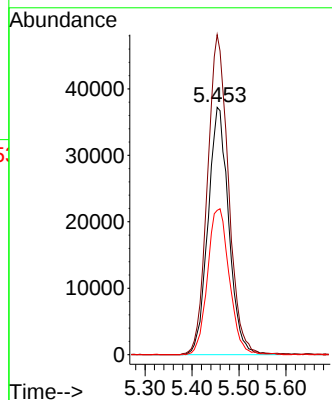
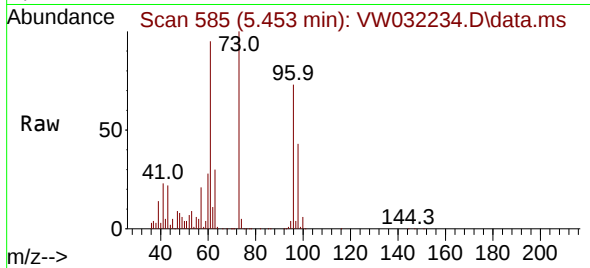




#21
trans-1,2-Dichloroethene
Concen: 50.804 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

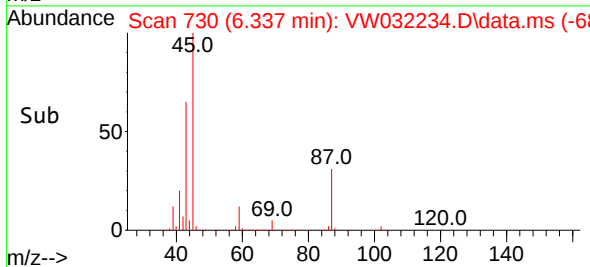
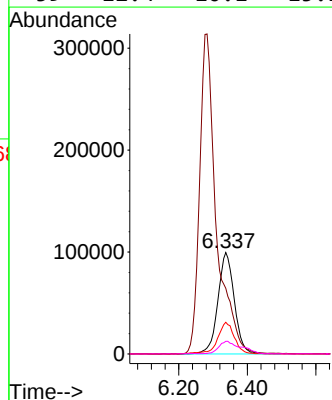
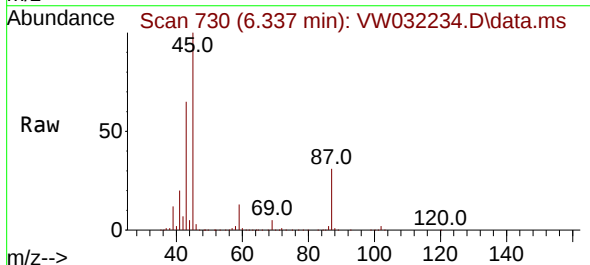
Instrument :
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ClientSampleId :
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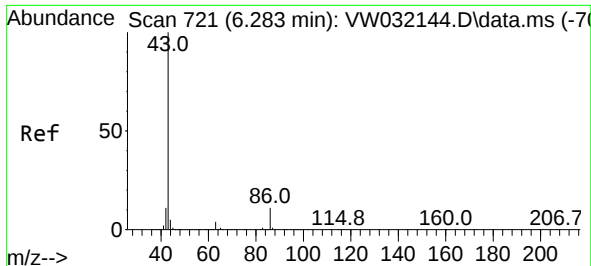
Tgt Ion: 96 Resp: 113933
Ion Ratio Lower Upper
96 100
61 129.4 112.5 168.7
98 58.3 54.2 81.4



#22
Diisopropyl ether
Concen: 52.895 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 45 Resp: 328279
Ion Ratio Lower Upper
45 100
43 64.5 51.4 77.2
87 31.1 25.9 38.9
59 12.4 10.1 15.1

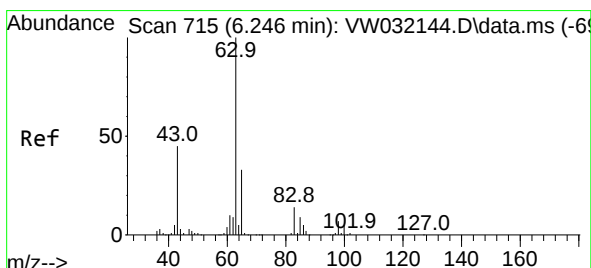
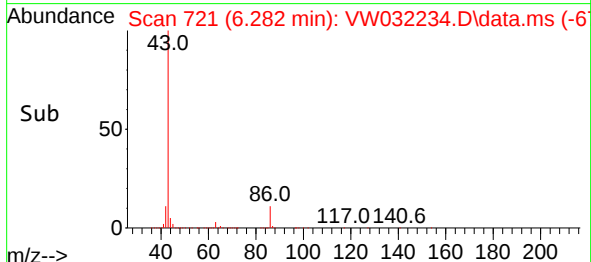
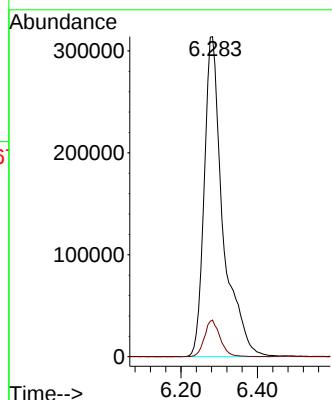
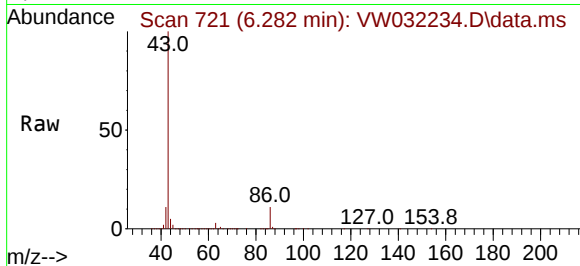




#23
 Vinyl Acetate
 Concen: 252.909 ug/l
 RT: 6.282 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

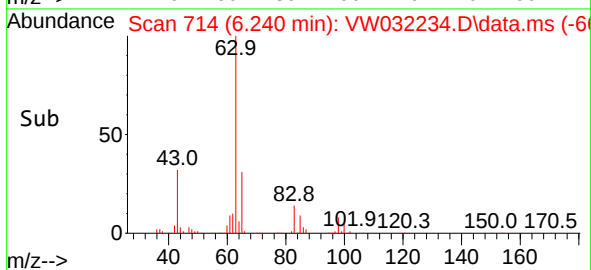
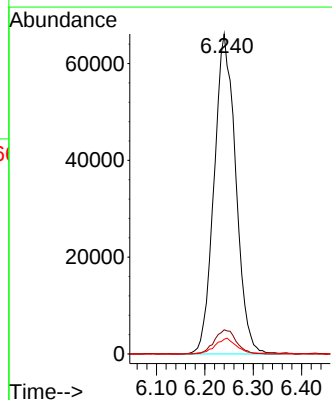
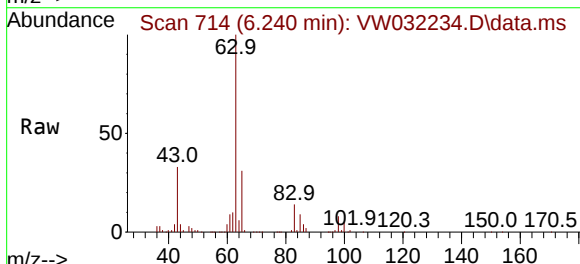
Instrument :
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 VSTDCCC050

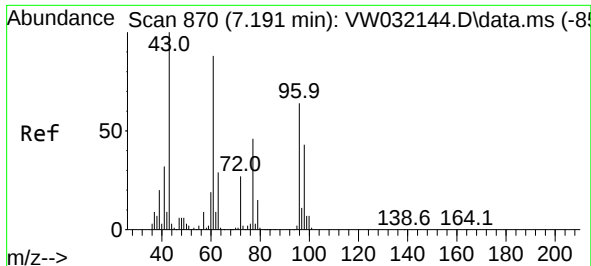
Tgt Ion: 43 Resp: 1067162
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.554 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

Tgt Ion: 63 Resp: 205403
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.6 2.5 7.5

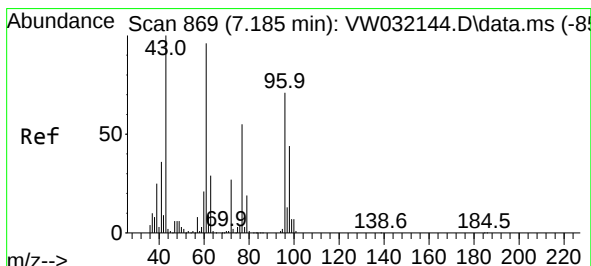
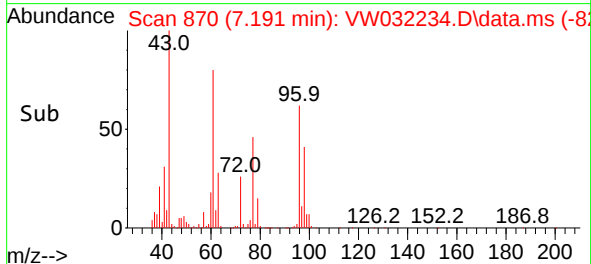
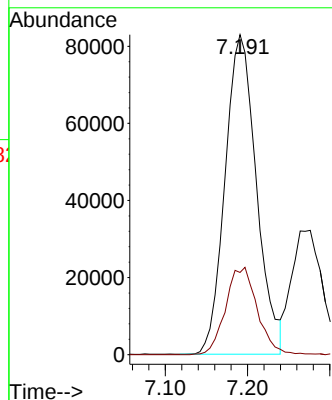
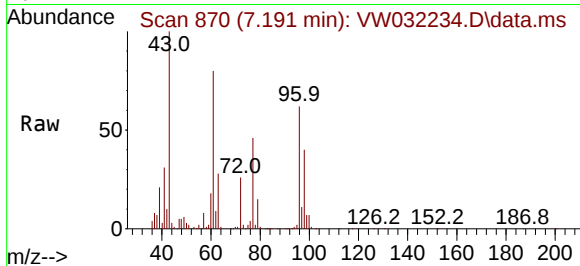




#25
2-Butanone
Concen: 263.993 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

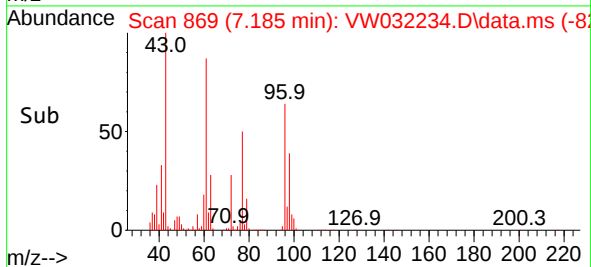
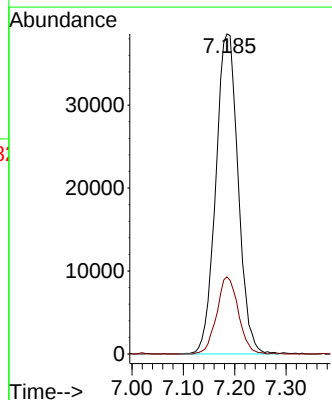
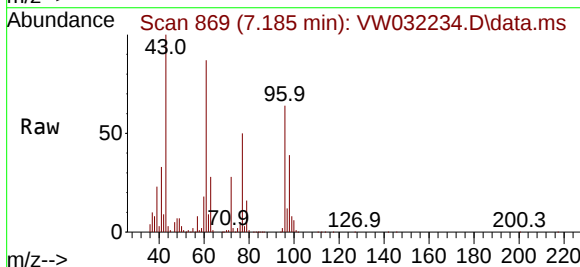
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

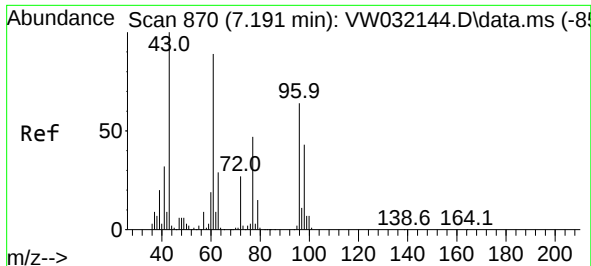
Tgt Ion: 43 Resp: 220079
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.172 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 77 Resp: 116558
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5

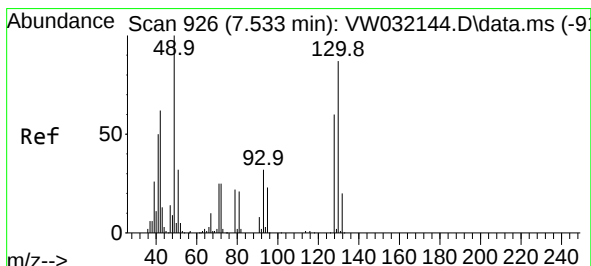
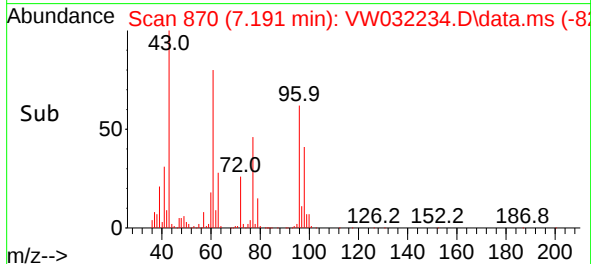
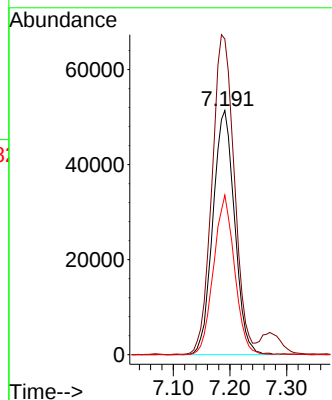
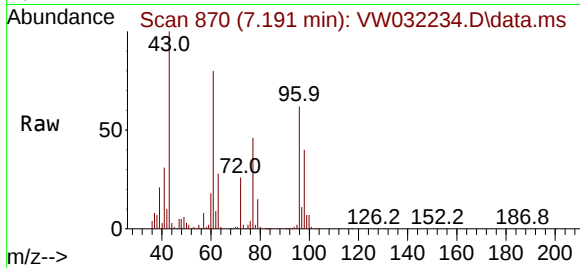




#27
 cis-1,2-Dichloroethene
 Concen: 50.106 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

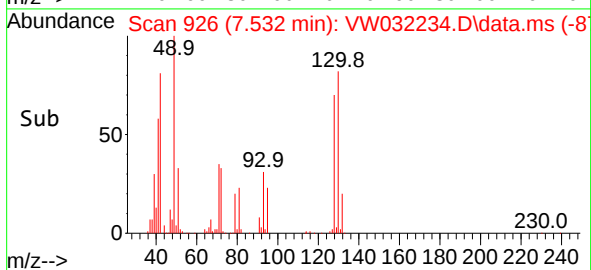
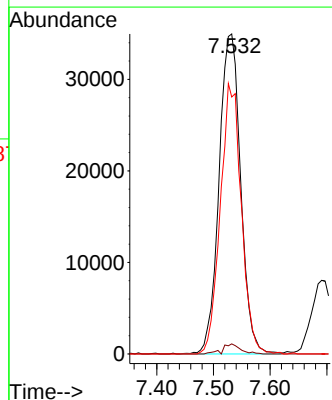
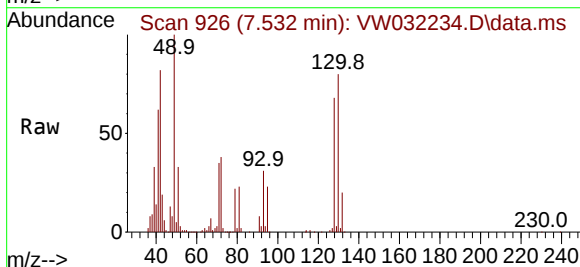
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

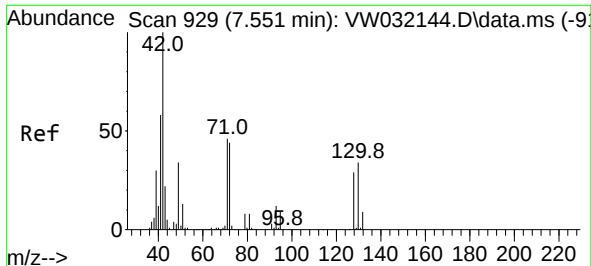
Tgt Ion: 96 Resp: 136735
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 268.0
 98 63.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 49.716 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

Tgt Ion: 49 Resp: 92468
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 82.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 257.582 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

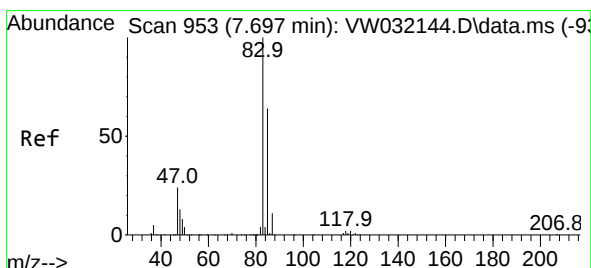
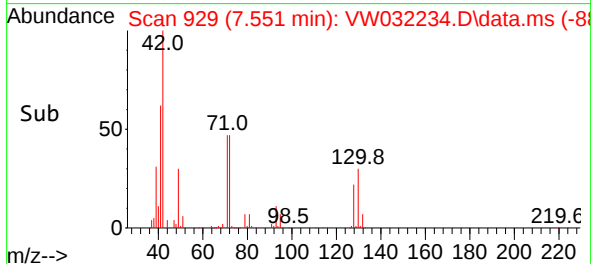
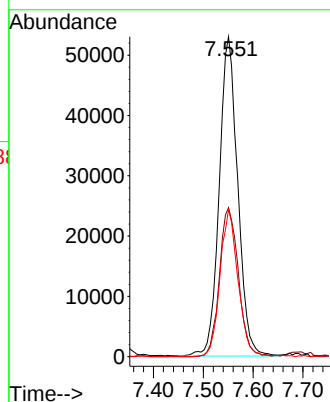
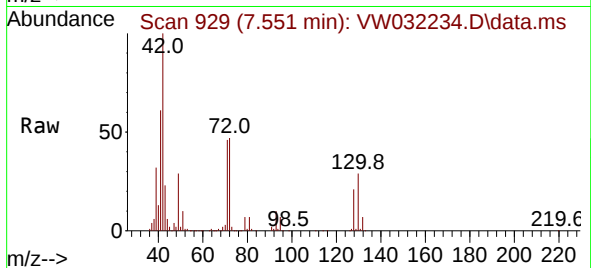
Tgt Ion: 42 Resp: 136456

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 44.8 36.0 54.0



#30

Chloroform

Concen: 51.897 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032234.D

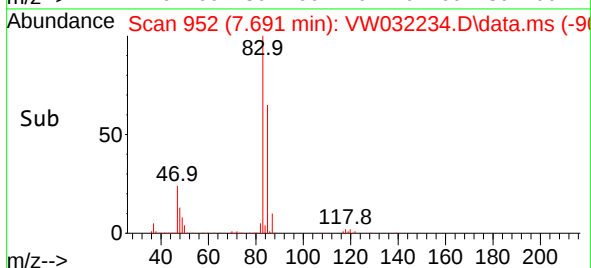
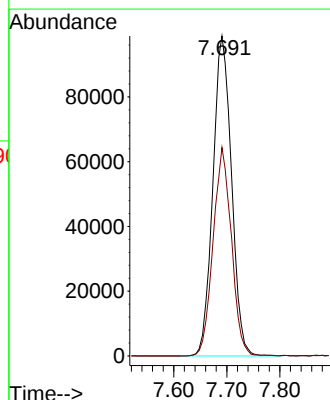
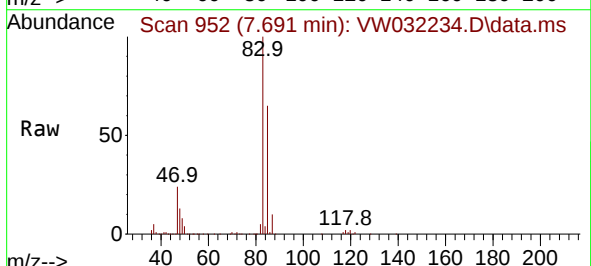
Acq: 23 Sep 2025 10:11

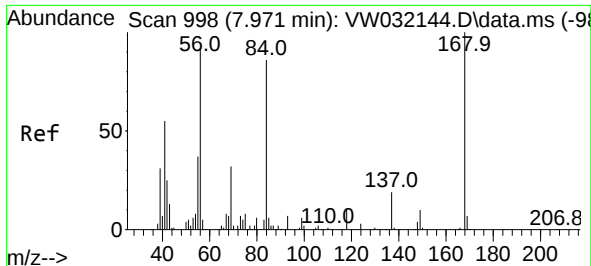
Tgt Ion: 83 Resp: 240745

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

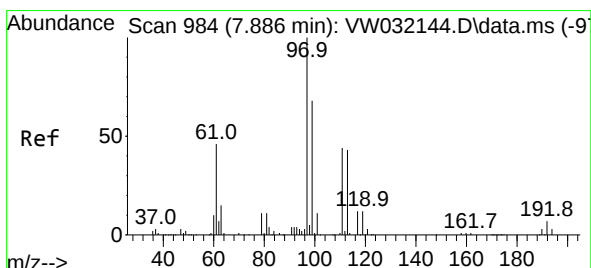
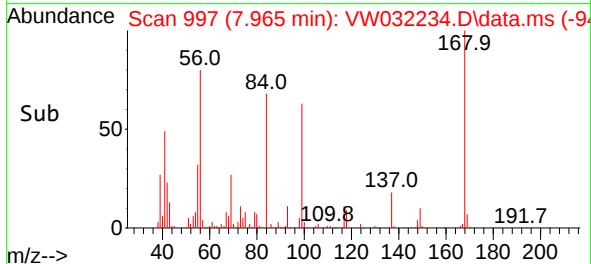
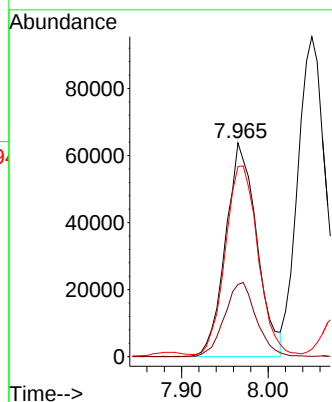
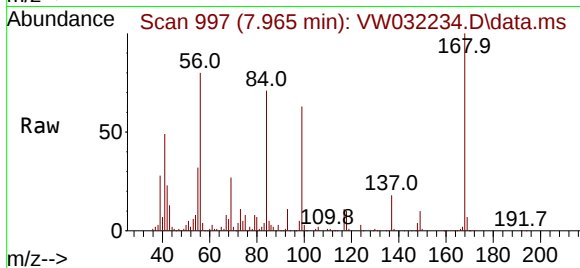




#31
Cyclohexane
Concen: 48.029 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

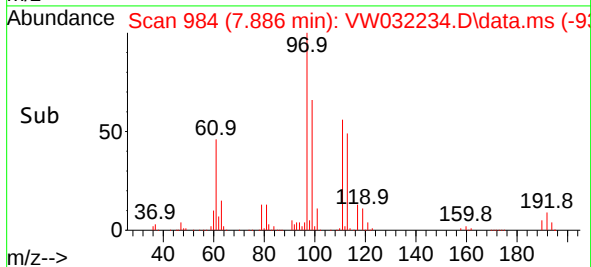
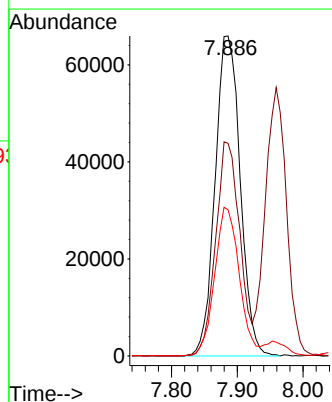
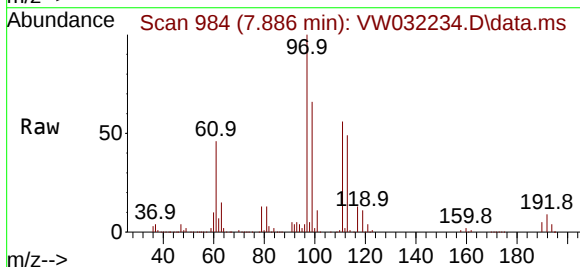
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

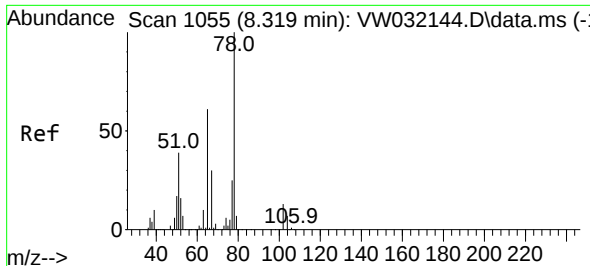
Tgt Ion: 56 Resp: 160170
Ion Ratio Lower Upper
56 100
69 33.6 27.7 41.5
84 87.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.768 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 97 Resp: 175304
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 45.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.540 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

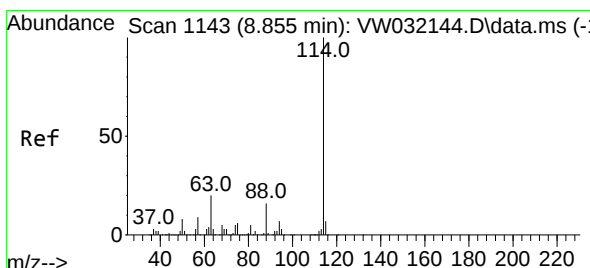
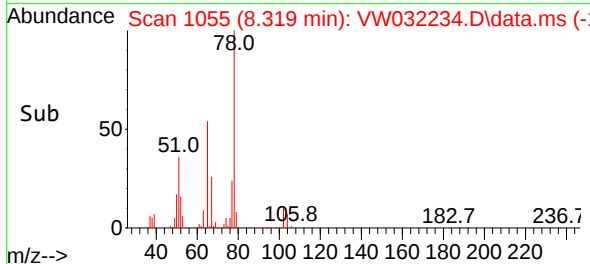
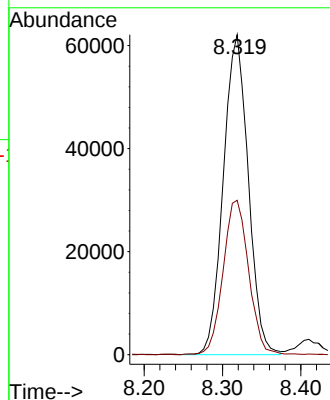
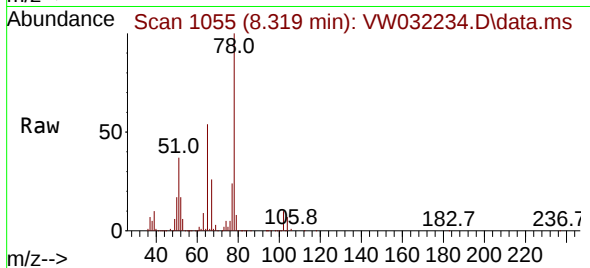
VSTDCCC050

Tgt Ion: 65 Resp: 137290

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

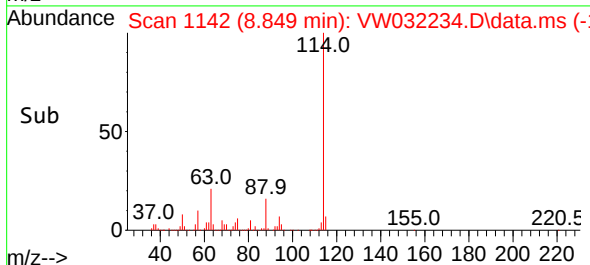
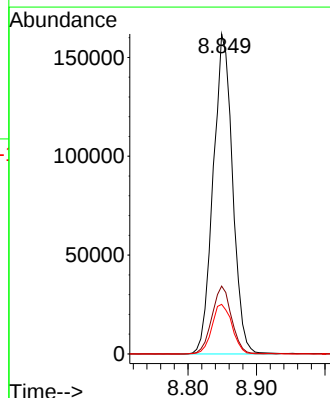
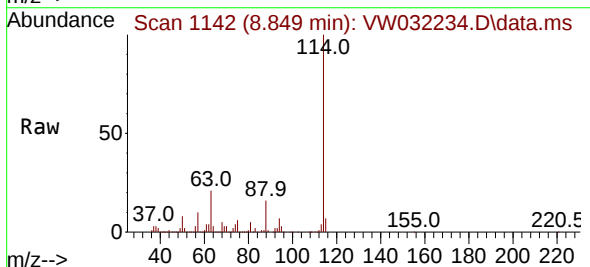
Tgt Ion: 114 Resp: 317941

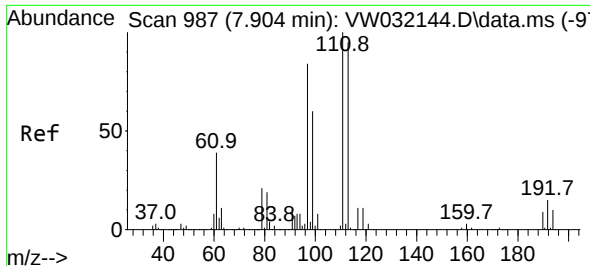
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

88 15.5 0.0 32.0

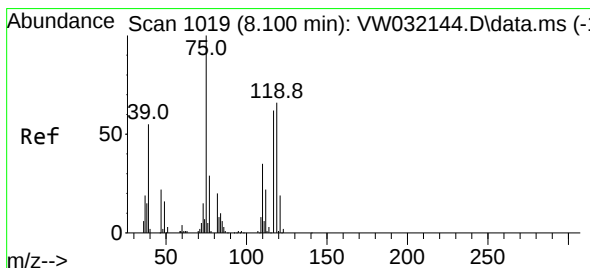
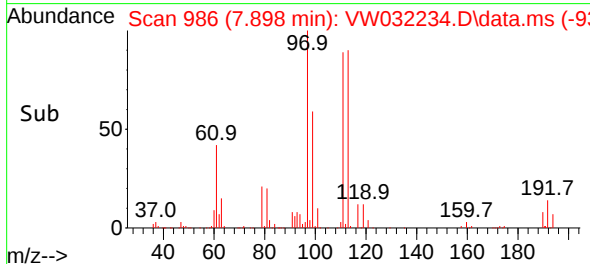
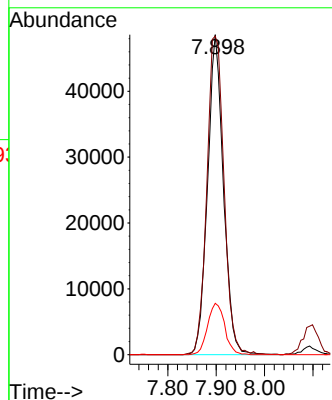
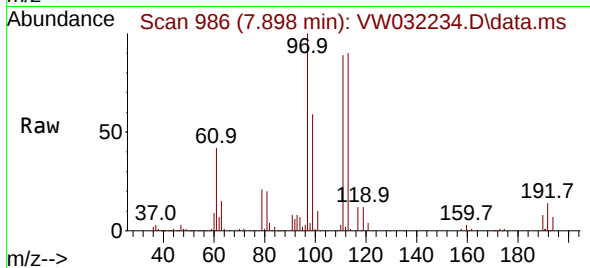




#35
 Dibromofluoromethane
 Concen: 49.732 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

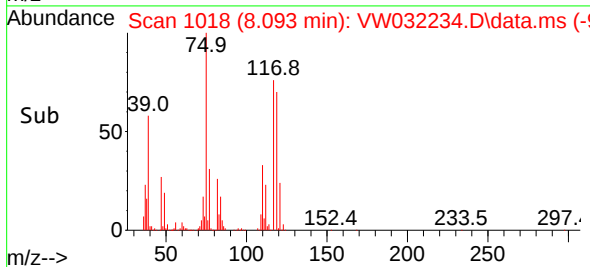
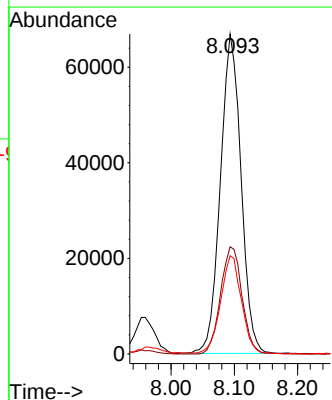
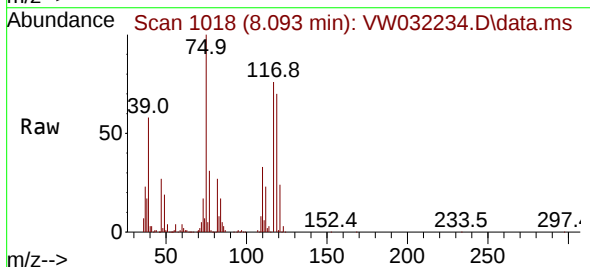
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

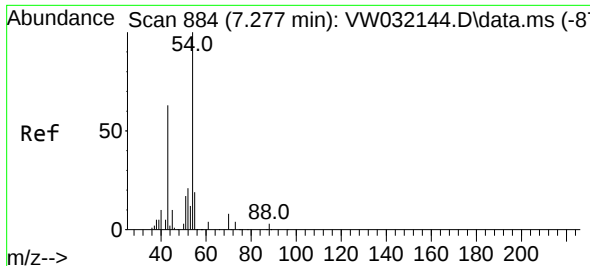
Tgt Ion:113 Resp: 110935
 Ion Ratio Lower Upper
 113 100
 111 107.5 83.9 125.9
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 52.258 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

Tgt Ion: 75 Resp: 151140
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.5 52.5
 77 31.3 24.1 36.1

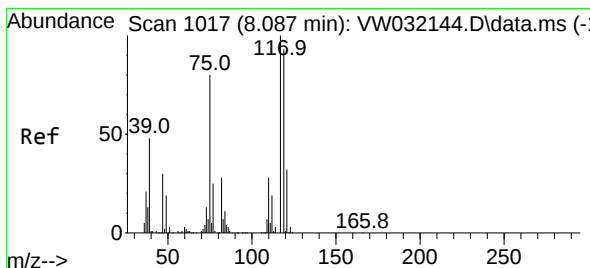
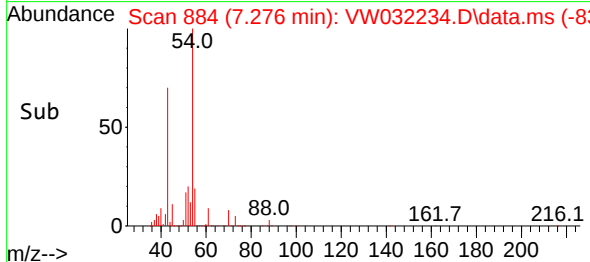
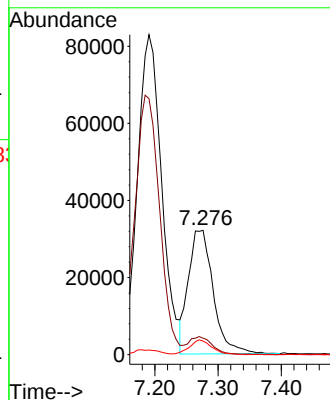
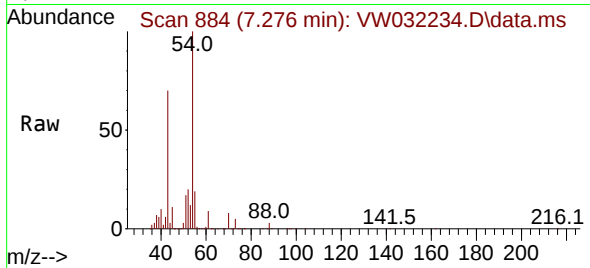




#37
Ethyl Acetate
Concen: 50.438 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

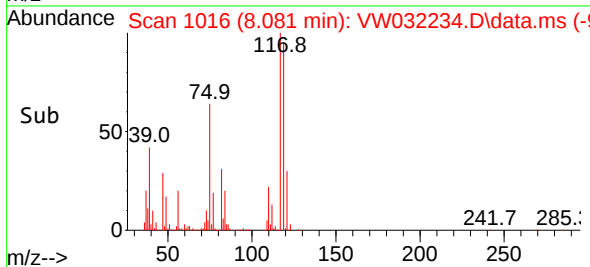
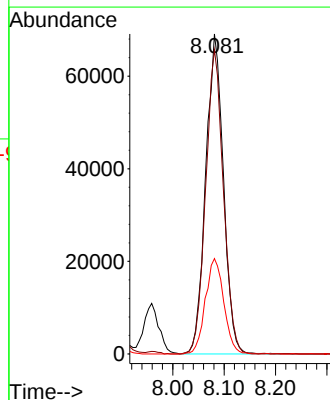
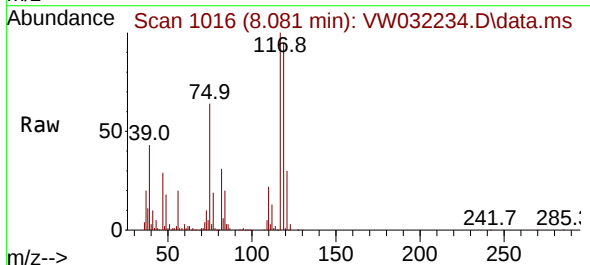
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

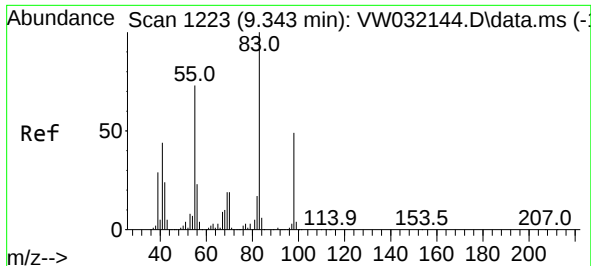
Tgt Ion:	43	Resp:	87511
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.3	16.9
70	10.8	8.9	13.3



#38
Carbon Tetrachloride
Concen: 53.255 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:	117	Resp:	165116
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.2	111.2
121	29.8	25.6	38.4





#39

Methylcyclohexane

Concen: 51.734 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

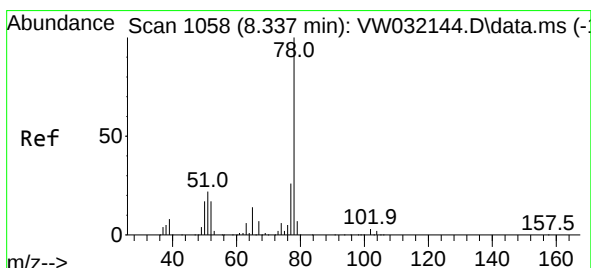
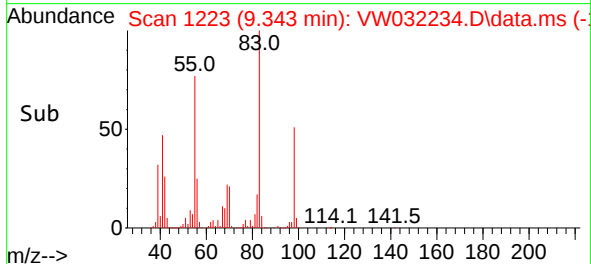
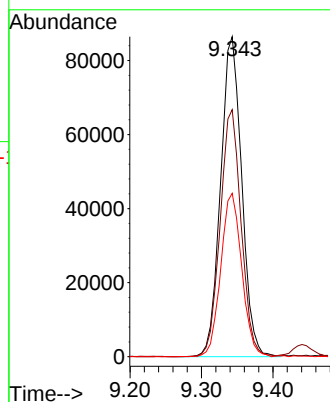
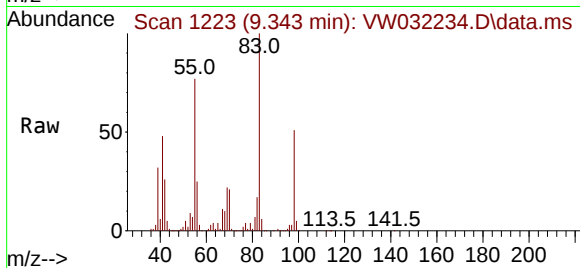
Tgt Ion: 83 Resp: 177225

Ion Ratio Lower Upper

83 100

55 77.2 58.4 87.6

98 51.0 39.4 59.2



#40

Benzene

Concen: 51.713 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032234.D

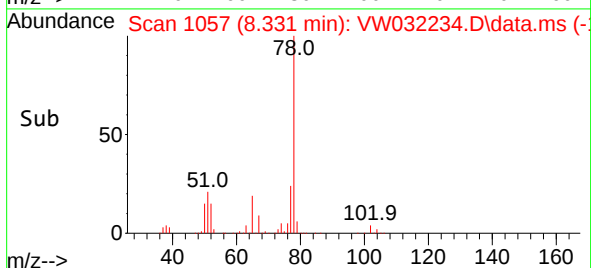
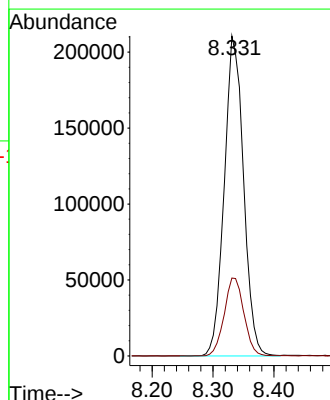
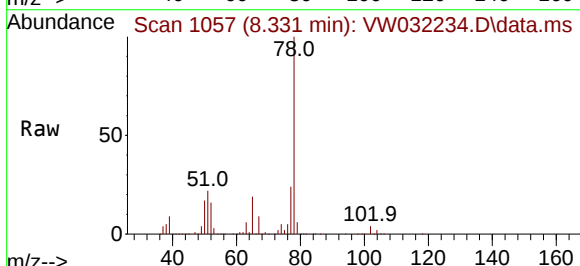
Acq: 23 Sep 2025 10:11

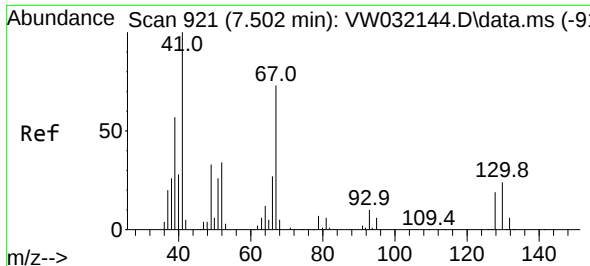
Tgt Ion: 78 Resp: 462322

Ion Ratio Lower Upper

78 100

77 24.3 20.7 31.1

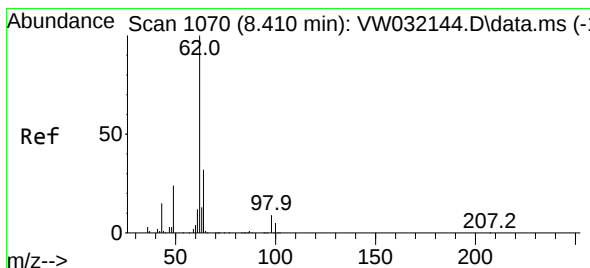
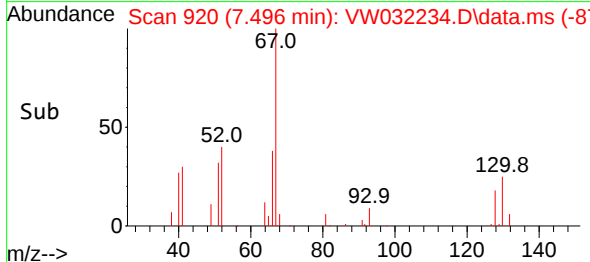
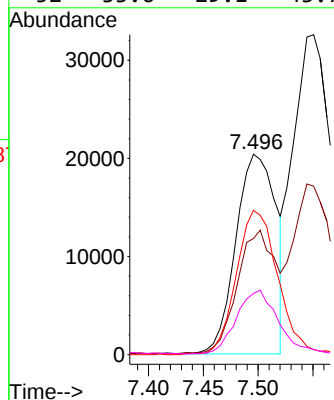
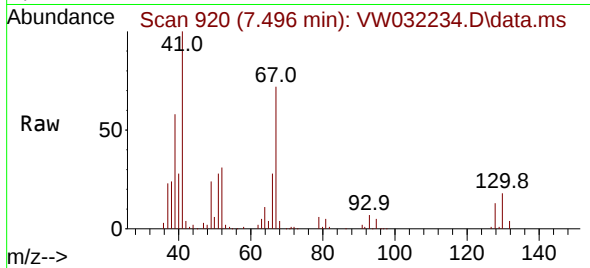




#41
Methacrylonitrile
Concen: 53.737 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

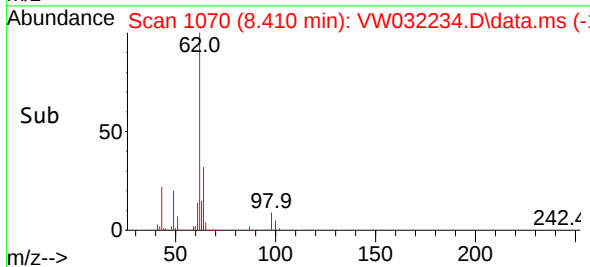
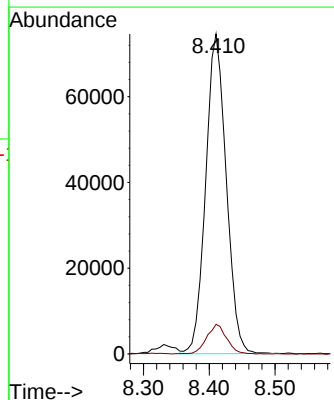
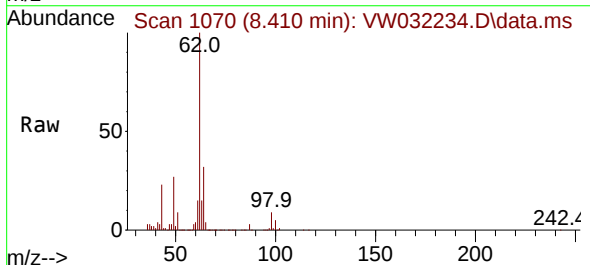
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

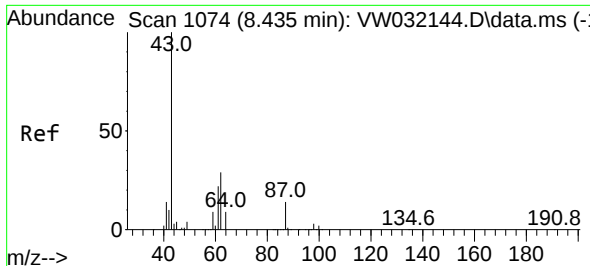
Tgt Ion:	41	Resp:	51799
Ion	Ratio	Lower	Upper
41	100		
39	59.7	50.9	76.3
67	74.9	65.6	98.4
52	33.6	29.1	43.7



#42
1,2-Dichloroethane
Concen: 52.257 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:	62	Resp:	161958
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

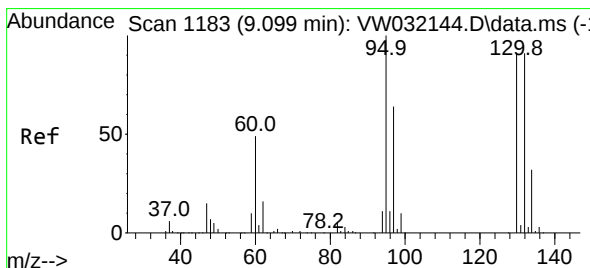
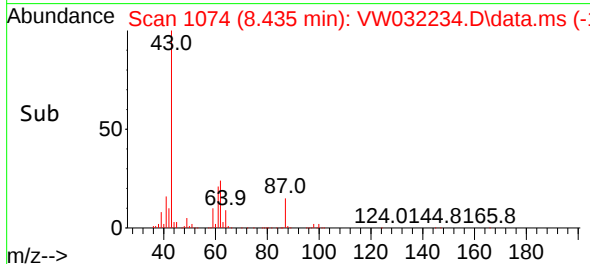
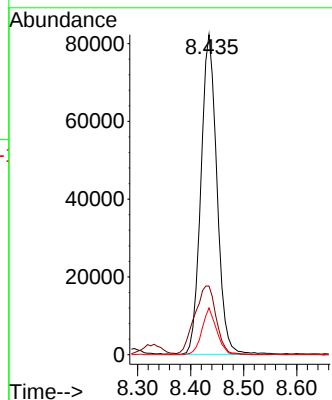
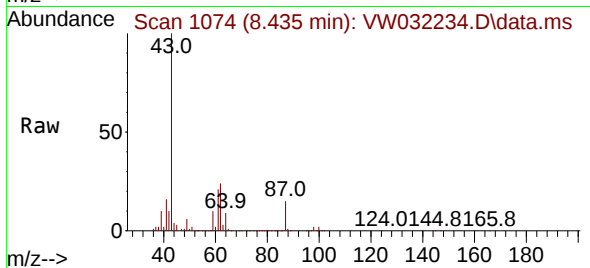




#43
Isopropyl Acetate
Concen: 52.982 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

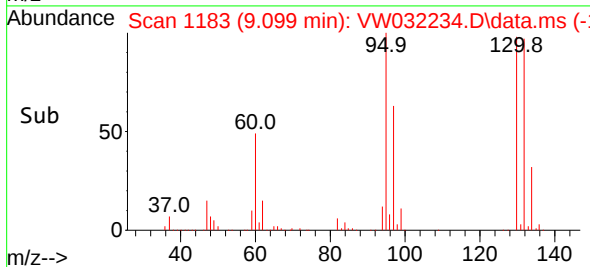
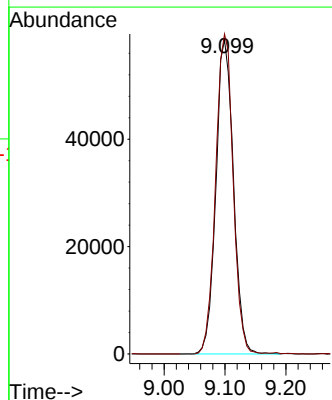
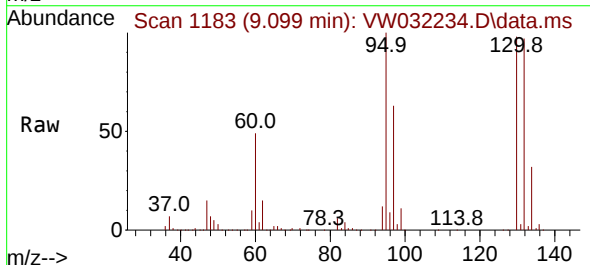
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

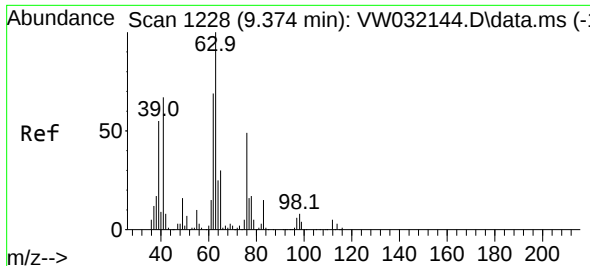
Tgt Ion: 43 Resp: 172453
Ion Ratio Lower Upper
43 100
61 28.7 23.3 34.9
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 51.961 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:130 Resp: 116822
Ion Ratio Lower Upper
130 100
95 101.9 0.0 220.0





#45

1,2-Dichloropropane

Concen: 53.172 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

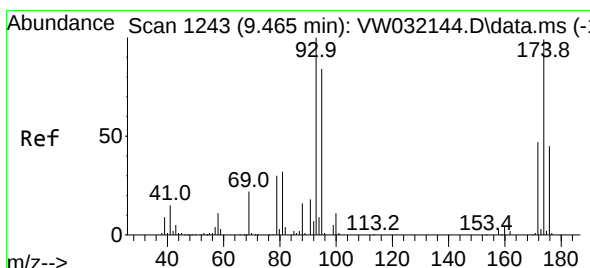
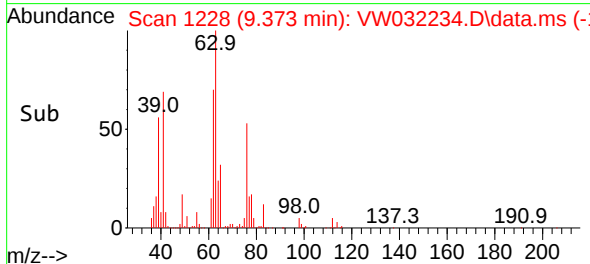
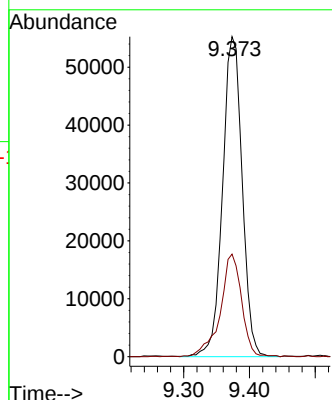
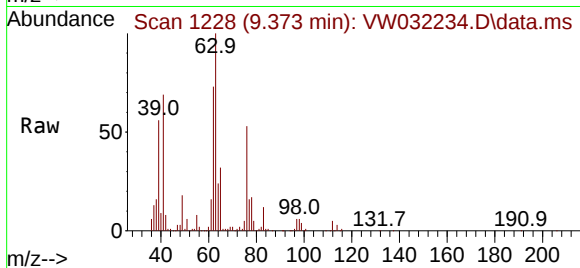
VSTDCCC050

Tgt Ion: 63 Resp: 114594

Ion Ratio Lower Upper

63 100

65 32.0 24.3 36.5



#46

Dibromomethane

Concen: 51.281 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

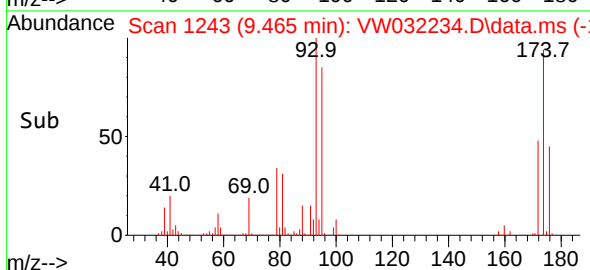
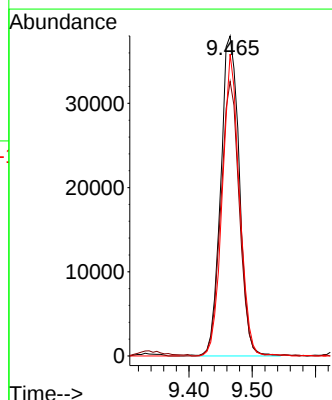
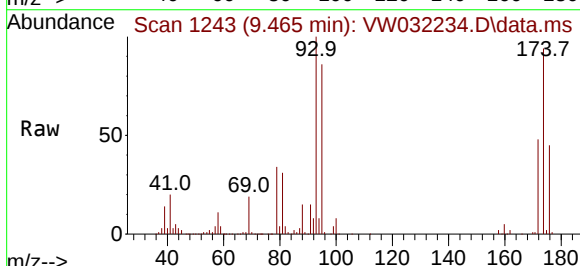
Tgt Ion: 93 Resp: 77517

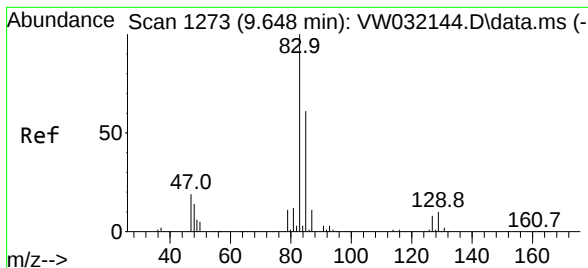
Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.2

174 86.6 75.7 113.5





#47

Bromodichloromethane

Concen: 54.055 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

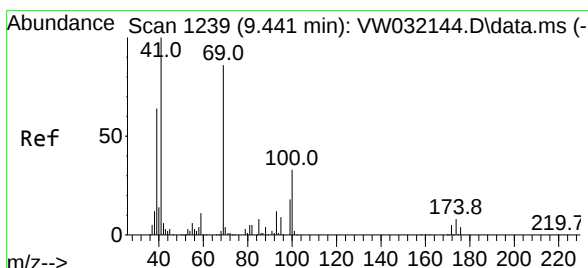
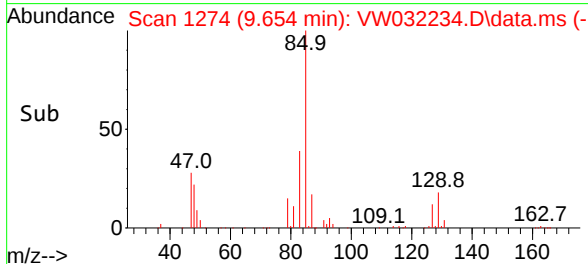
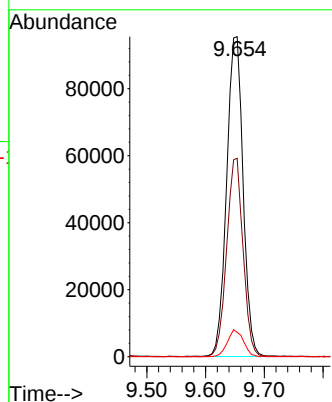
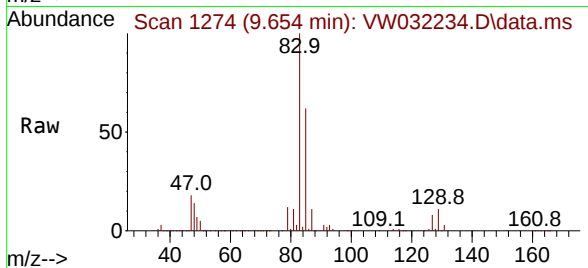
Tgt Ion: 83 Resp: 185683

Ion Ratio Lower Upper

83 100

85 62.0 48.7 73.1

127 7.6 6.4 9.6



#48

Methyl methacrylate

Concen: 52.996 ug/l

RT: 9.440 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

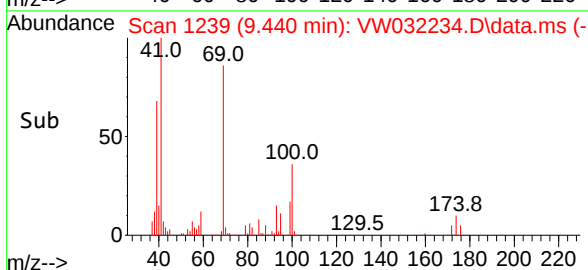
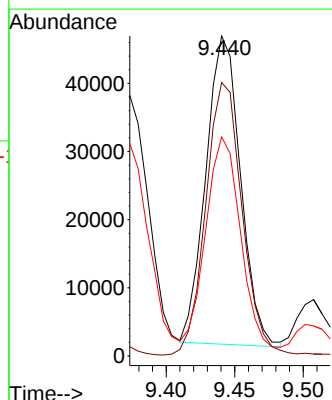
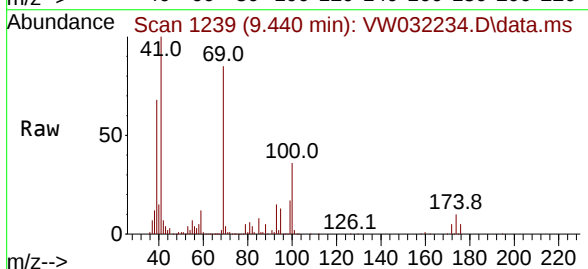
Tgt Ion: 41 Resp: 79495

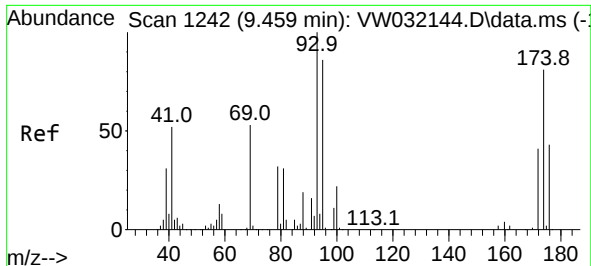
Ion Ratio Lower Upper

41 100

69 93.5 71.5 107.3

39 67.3 55.9 83.9





#49

1,4-Dioxane

Concen: 1092.823 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

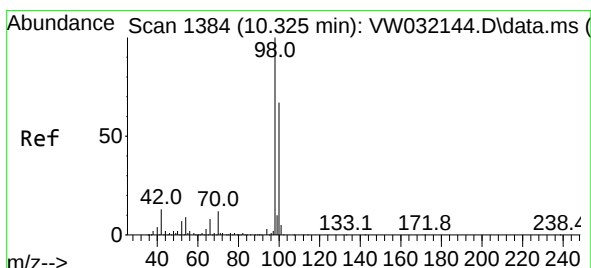
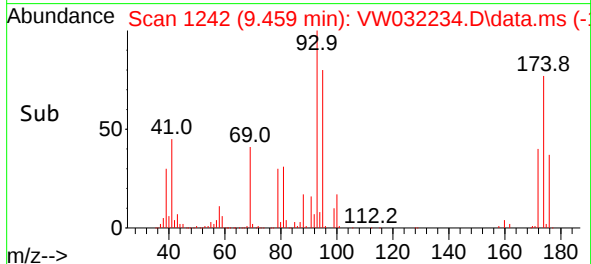
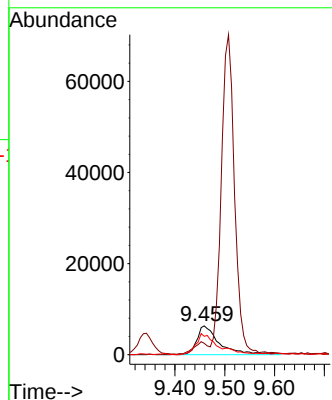
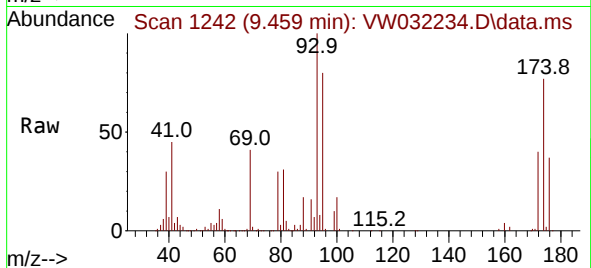
Tgt Ion: 88 Resp: 19959

Ion Ratio Lower Upper

88 100

43 27.6 18.0 27.0#

58 73.3 55.4 83.0



#50

Toluene-d8

Concen: 51.192 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032234.D

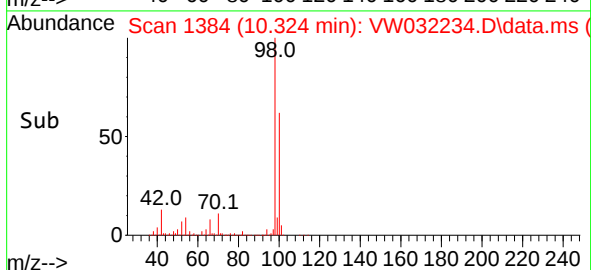
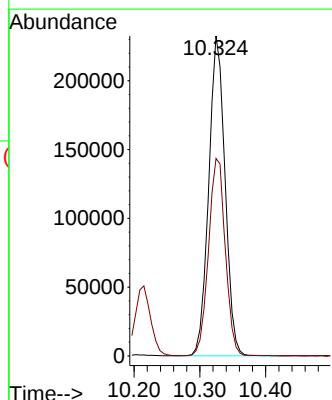
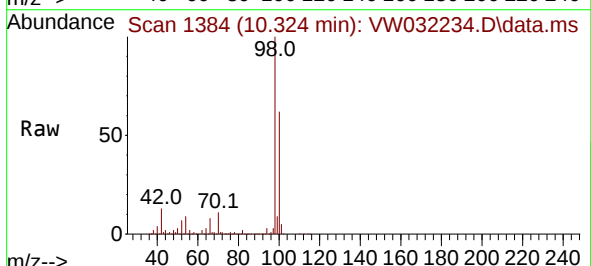
Acq: 23 Sep 2025 10:11

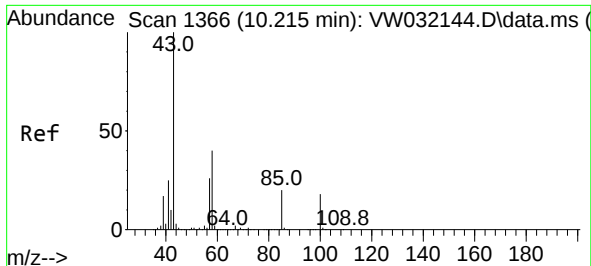
Tgt Ion: 98 Resp: 400871

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2

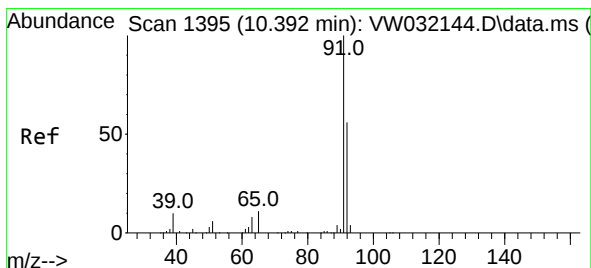
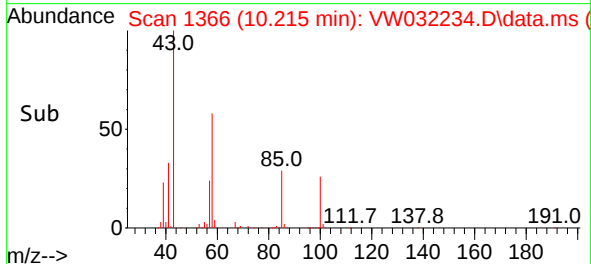
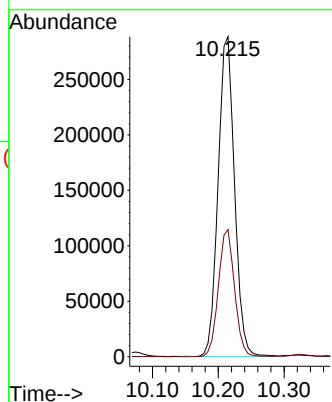
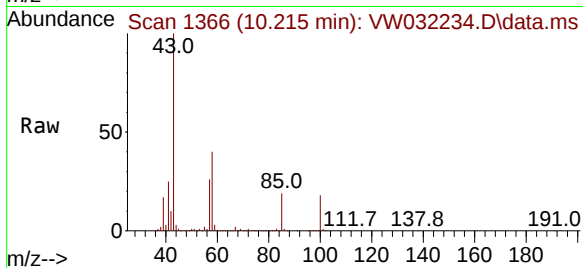




#51
4-Methyl-2-Pentanone
Concen: 272.358 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

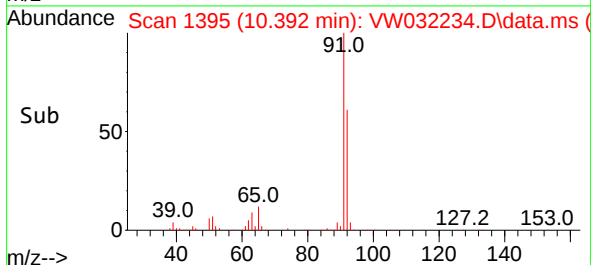
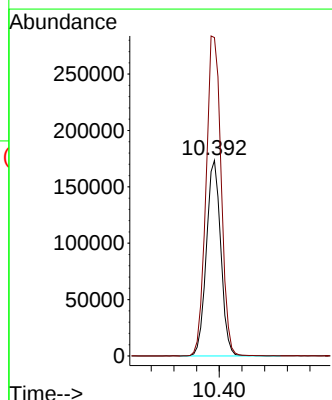
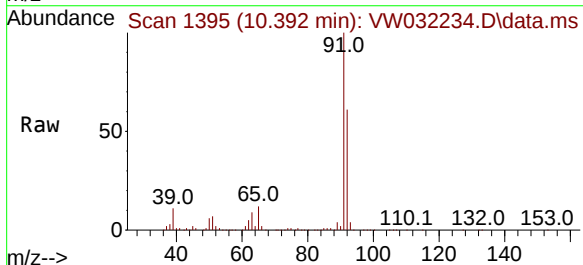
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

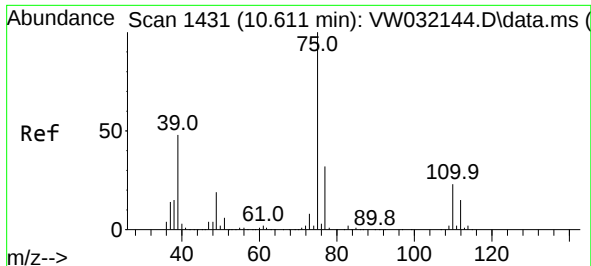
Tgt Ion: 43 Resp: 500564
Ion Ratio Lower Upper
43 100
58 39.2 32.0 48.0



#52
Toluene
Concen: 52.193 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 92 Resp: 304923
Ion Ratio Lower Upper
92 100
91 171.5 137.5 206.3

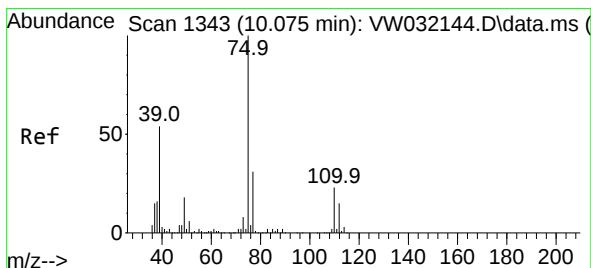
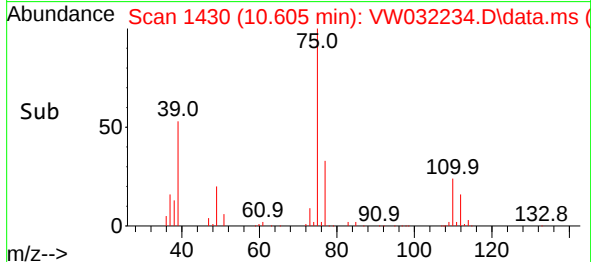
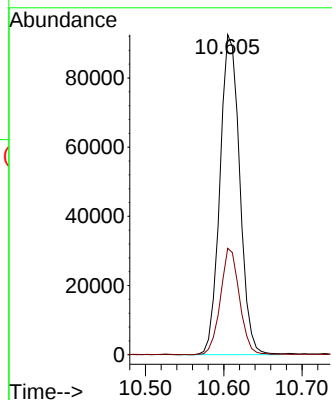
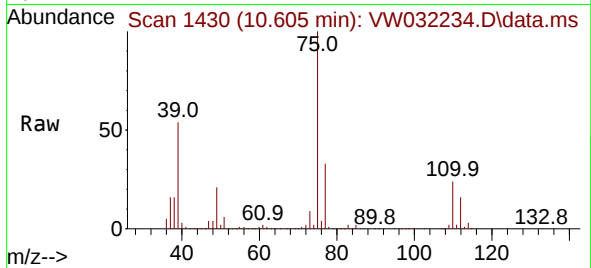




#53
 t-1,3-Dichloropropene
 Concen: 53.695 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

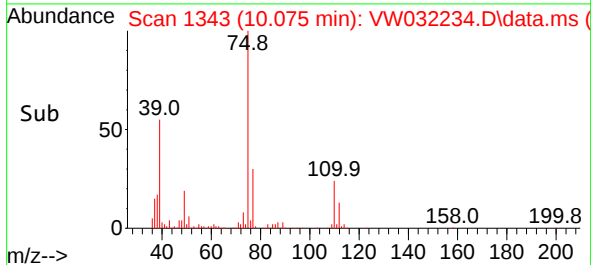
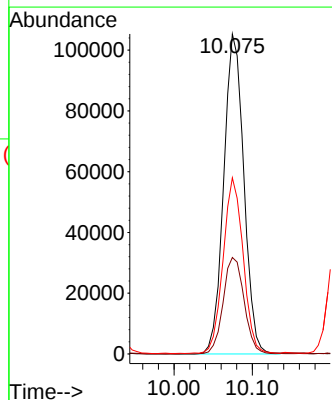
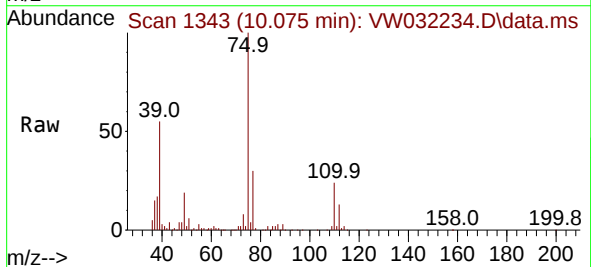
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

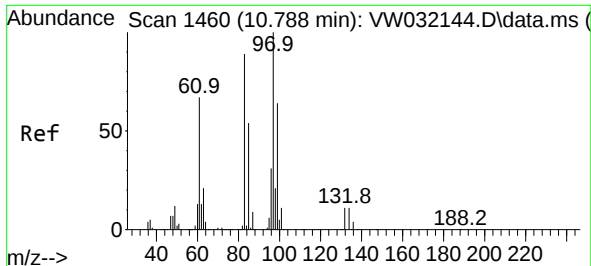
Tgt Ion: 75 Resp: 162715
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.357 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032234.D
 Acq: 23 Sep 2025 10:11

Tgt Ion: 75 Resp: 187950
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7
 39 54.9 43.2 64.8

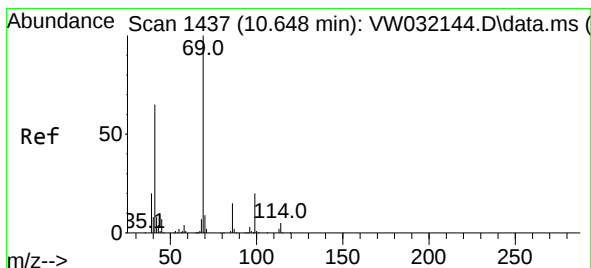
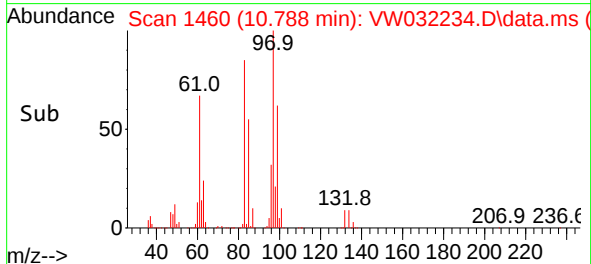
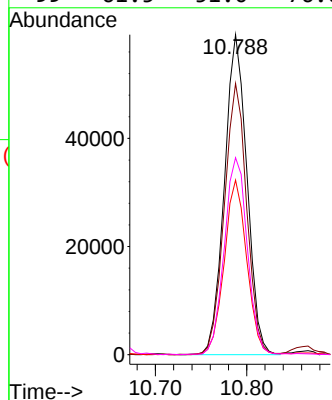
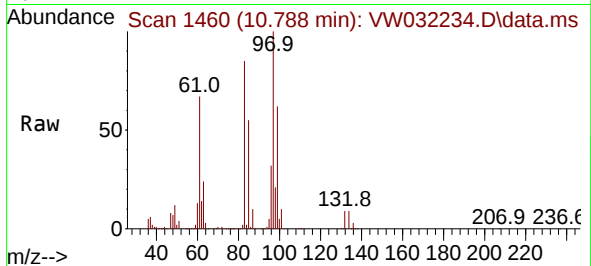




#55
1,1,2-Trichloroethane
Concen: 51.550 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

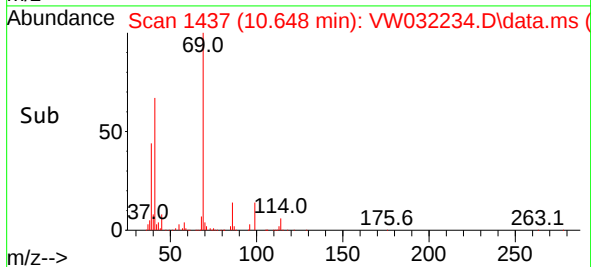
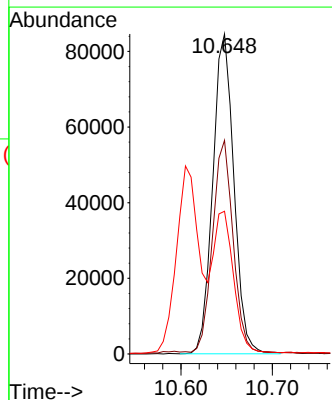
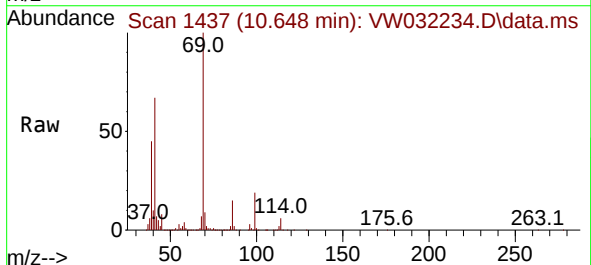
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

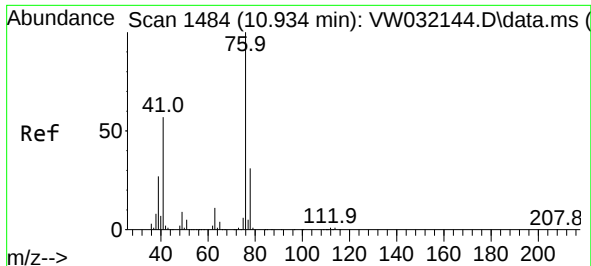
Tgt Ion:	97	Resp:	101329
Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.0	106.6
85	54.6	42.8	64.2
99	61.5	51.0	76.6



#56
Ethyl methacrylate
Concen: 53.952 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:	69	Resp:	135581
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.2	79.8
39	41.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 52.267 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

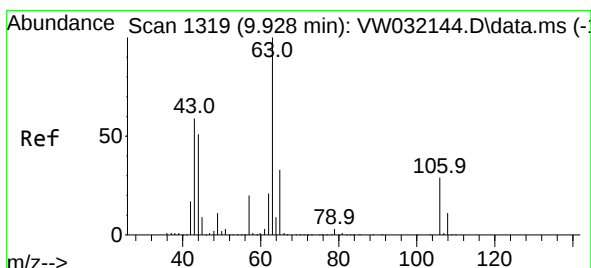
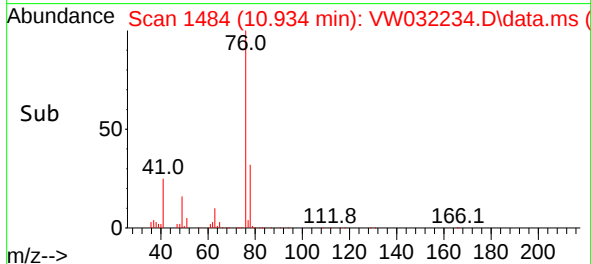
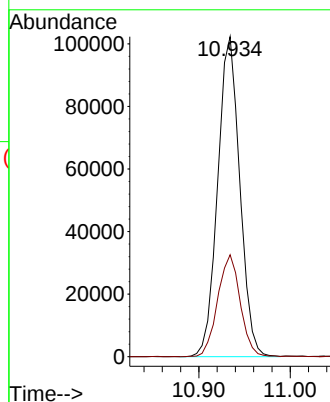
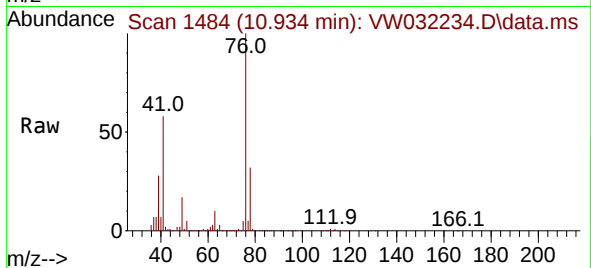
VSTDCCC050

Tgt Ion: 76 Resp: 172029

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.953 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032234.D

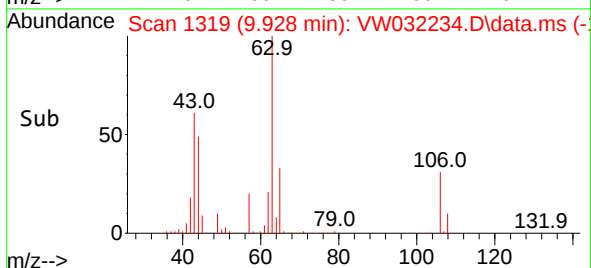
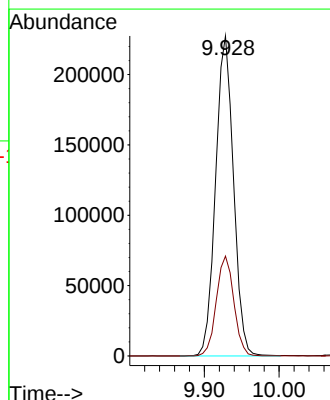
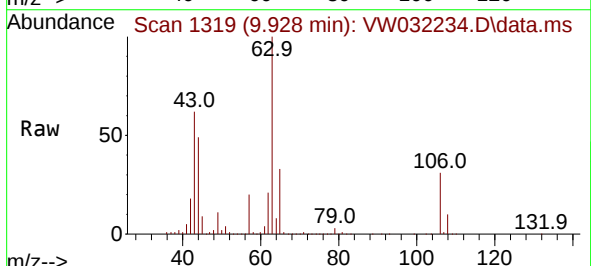
Acq: 23 Sep 2025 10:11

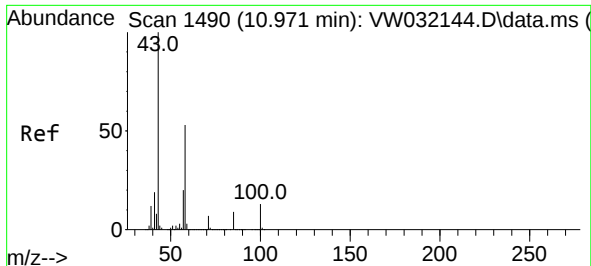
Tgt Ion: 63 Resp: 378192

Ion Ratio Lower Upper

63 100

106 30.6 24.3 36.5

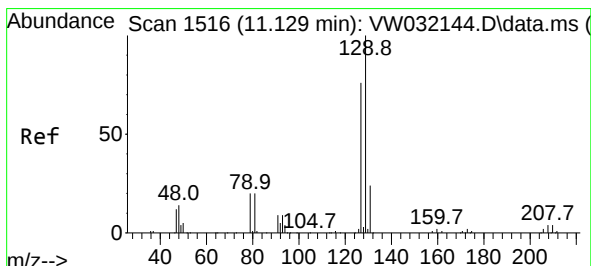
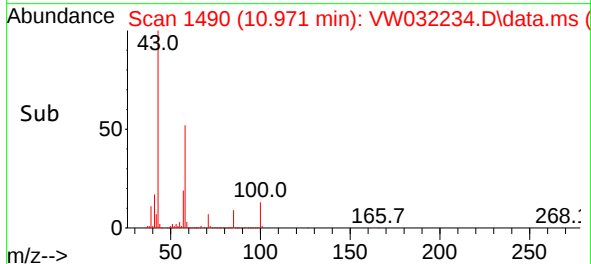
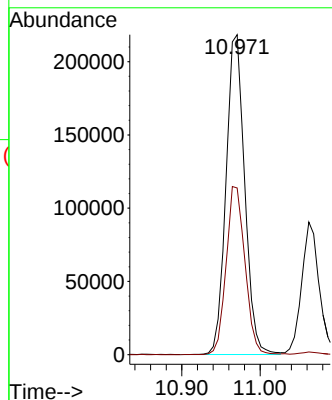
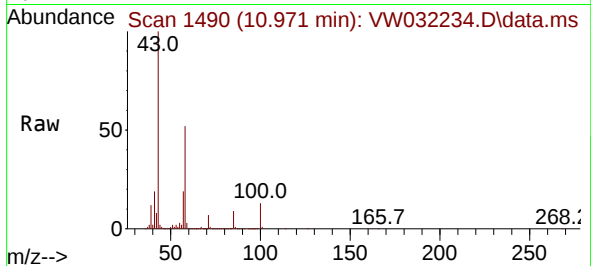




#59
2-Hexanone
Concen: 283.256 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

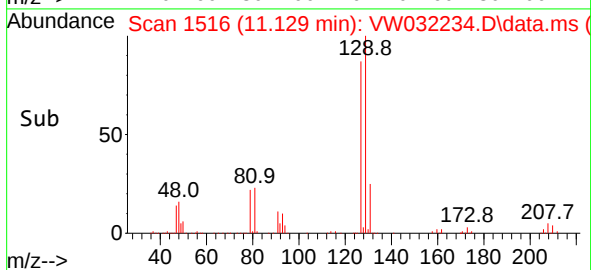
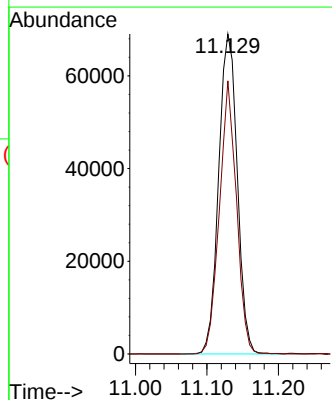
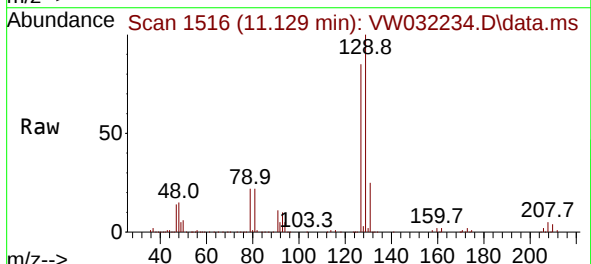
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

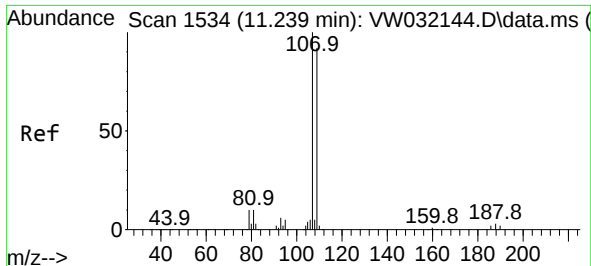
Tgt Ion: 43 Resp: 362059
Ion Ratio Lower Upper
43 100
58 53.2 27.5 82.4



#60
Dibromochloromethane
Concen: 52.512 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 129 Resp: 124901
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5

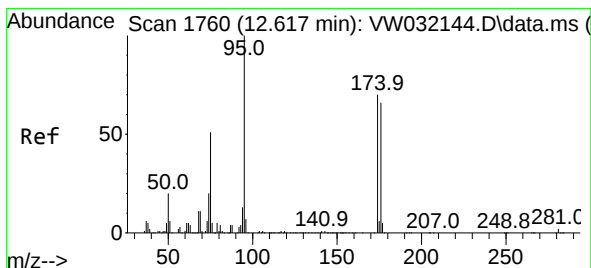
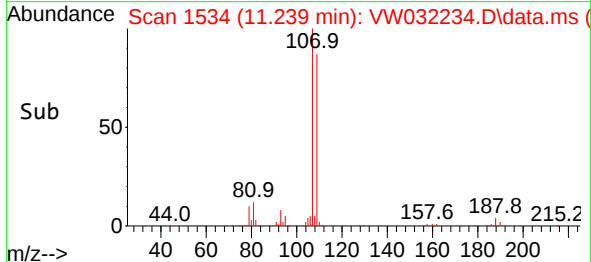
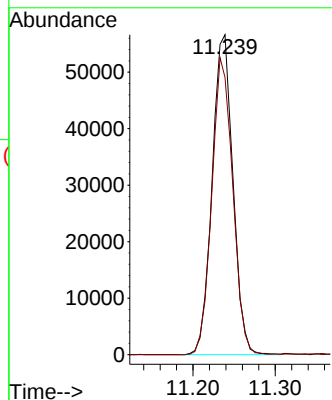
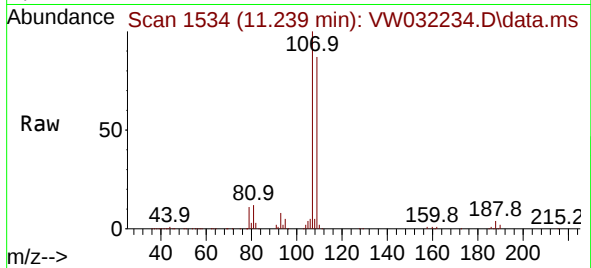




#61
1,2-Dibromoethane
Concen: 51.448 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

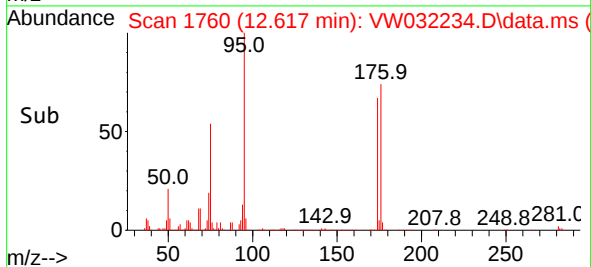
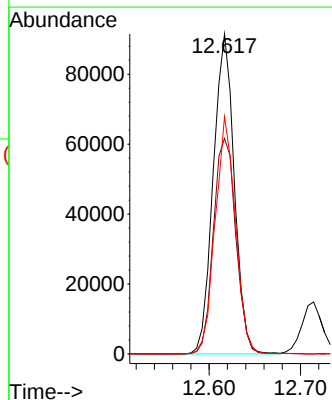
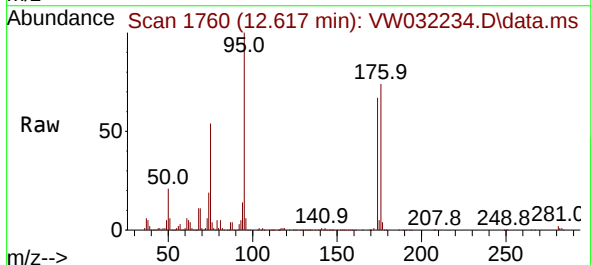
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

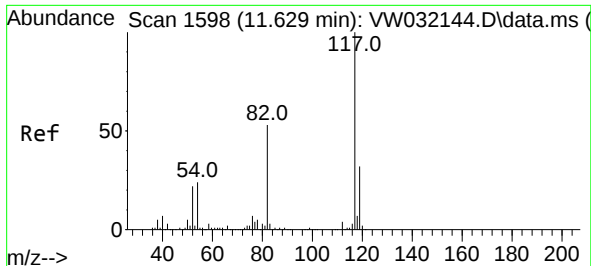
Tgt Ion:107 Resp: 99449
Ion Ratio Lower Upper
107 100
109 93.5 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.414 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 95 Resp: 145980
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.6
176 71.9 0.0 140.8

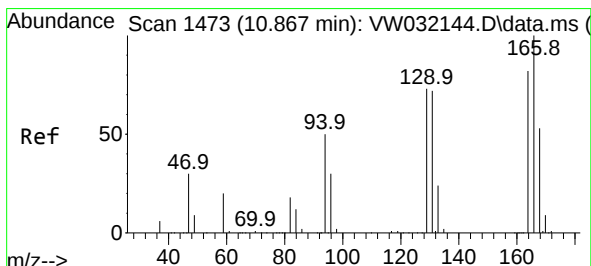
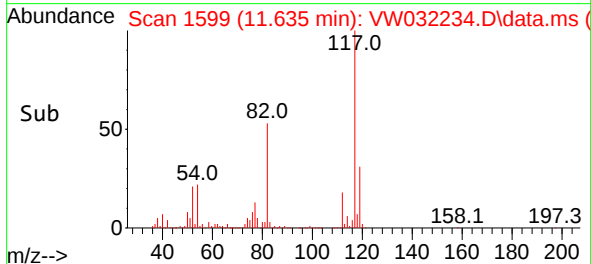
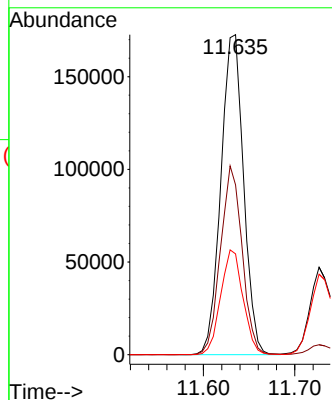
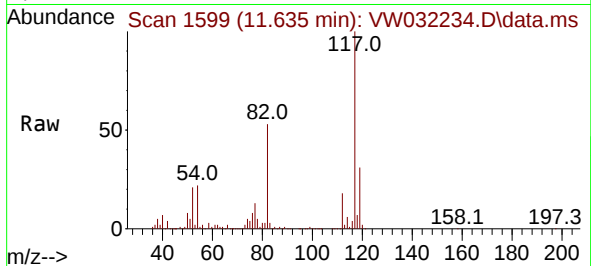




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

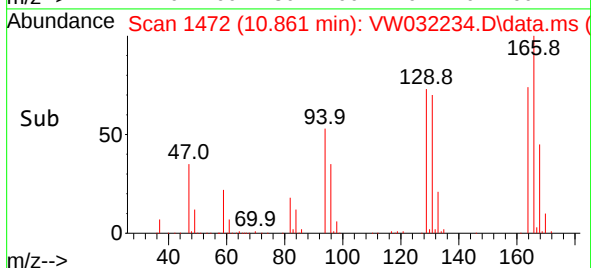
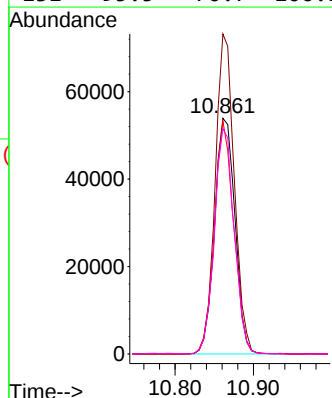
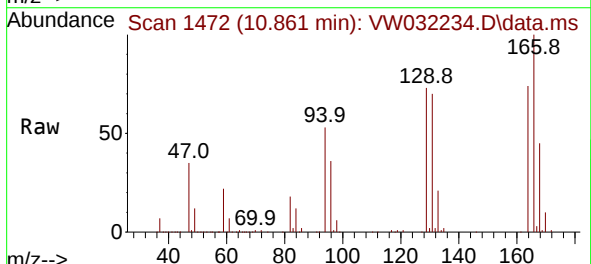
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

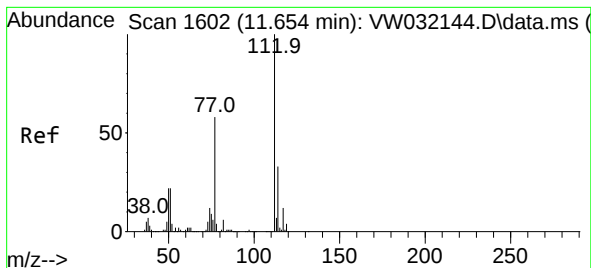
Tgt Ion:117 Resp: 297932
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 49.784 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:164 Resp: 97621
Ion Ratio Lower Upper
164 100
166 135.8 97.5 146.3
129 98.7 71.2 106.8
131 95.5 70.7 106.1





#65

Chlorobenzene

Concen: 51.265 ug/l

RT: 11.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

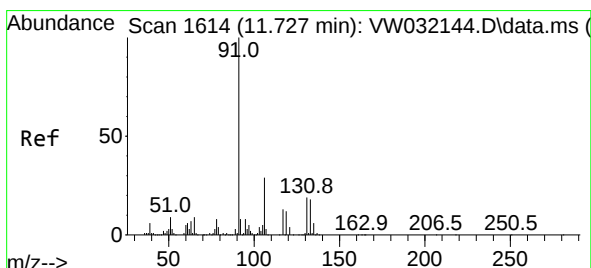
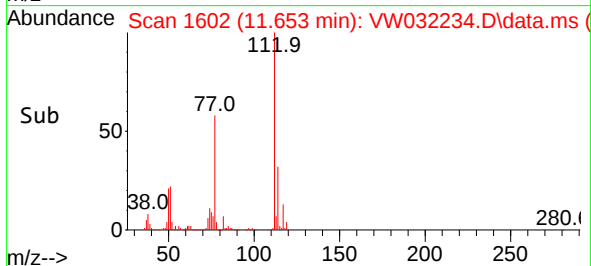
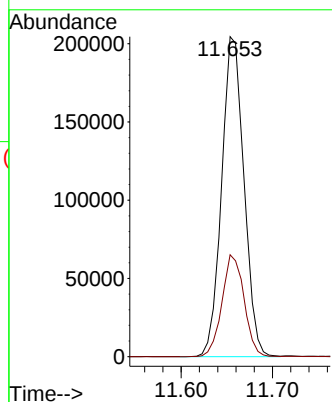
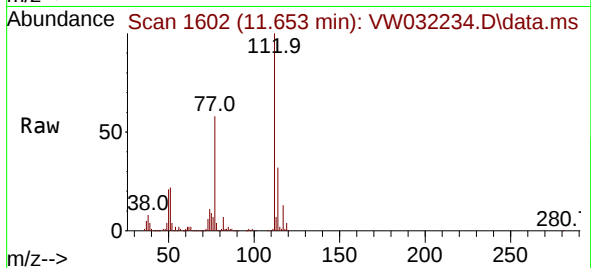
VSTDCCC050

Tgt Ion:112 Resp: 347645

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.118 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

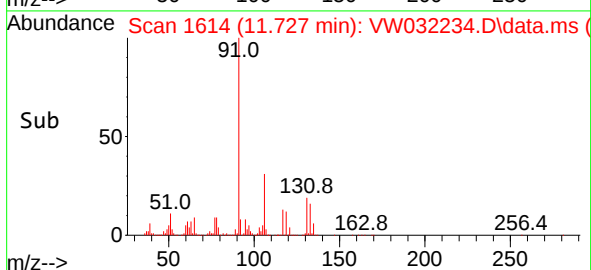
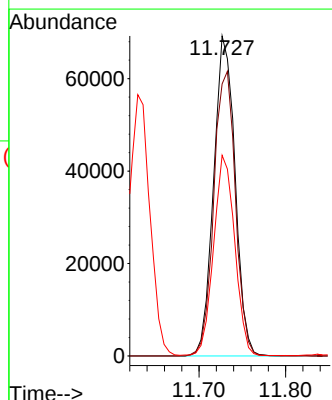
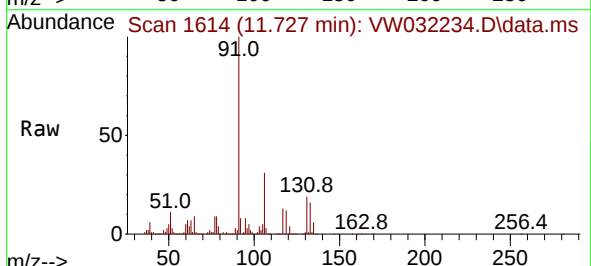
Tgt Ion:131 Resp: 118593

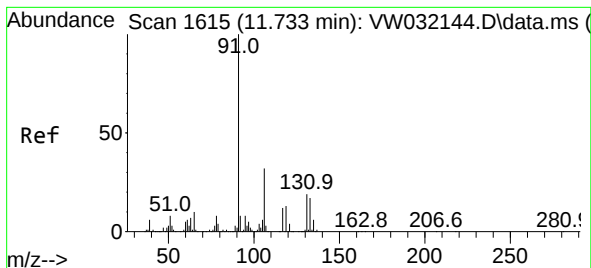
Ion Ratio Lower Upper

131 100

133 90.3 47.7 143.1

119 62.2 32.8 98.3

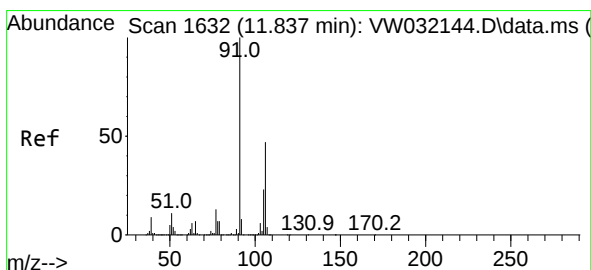
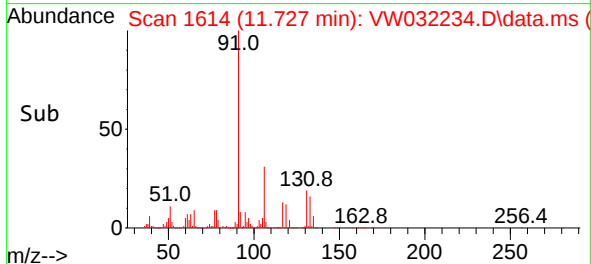
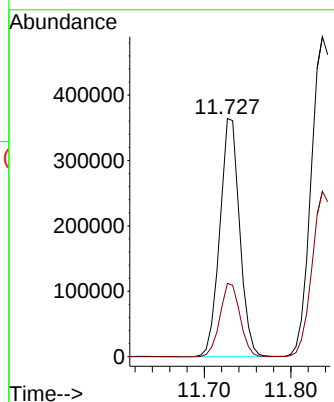
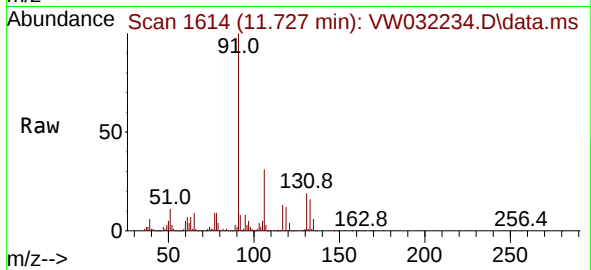




#67
Ethyl Benzene
Concen: 52.149 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

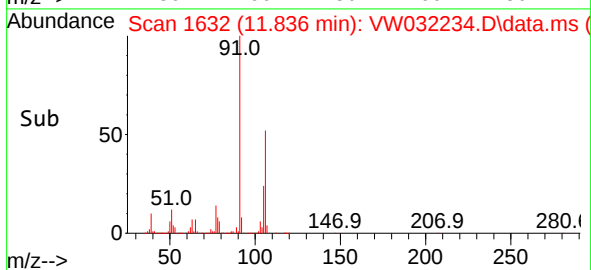
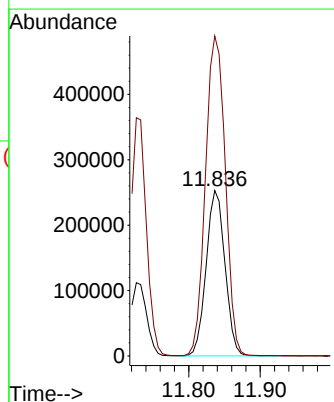
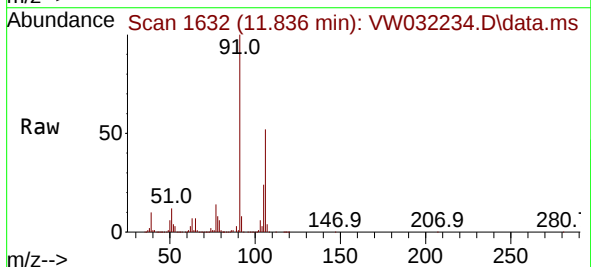
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

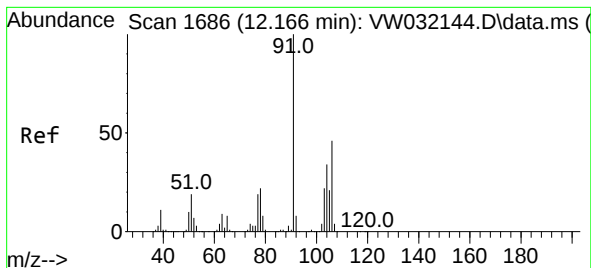
Tgt Ion: 91 Resp: 579420
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 107.715 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:106 Resp: 460603
Ion Ratio Lower Upper
106 100
91 204.7 164.2 246.2





#69

o-Xylene

Concen: 52.916 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

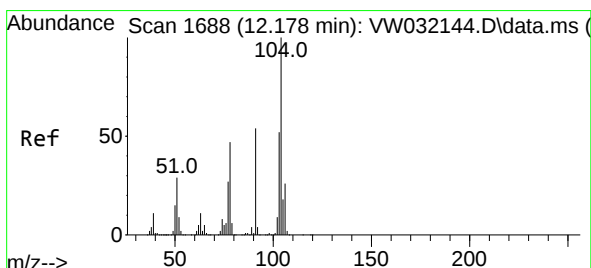
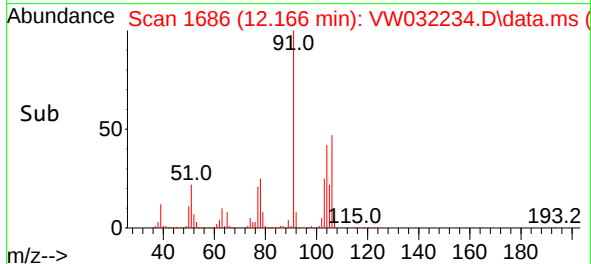
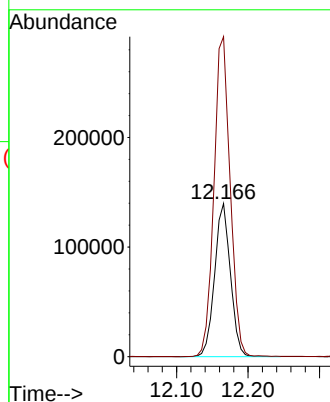
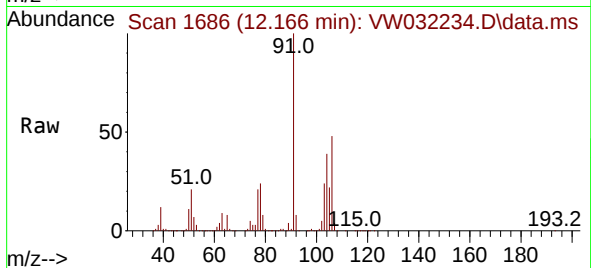
VSTDCCC050

Tgt Ion:106 Resp: 214032

Ion Ratio Lower Upper

106 100

91 214.7 108.7 326.3



#70

Styrene

Concen: 53.036 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

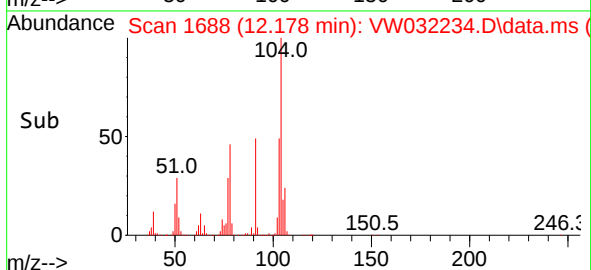
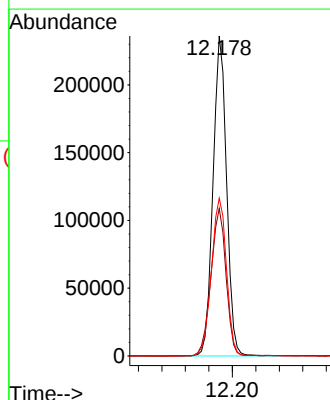
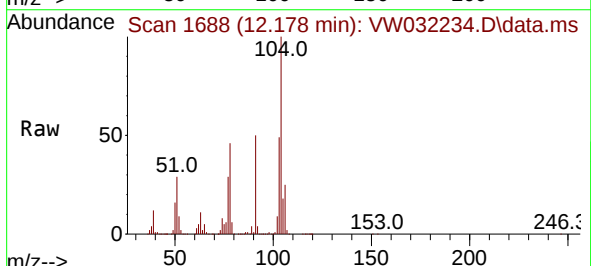
Tgt Ion:104 Resp: 378151

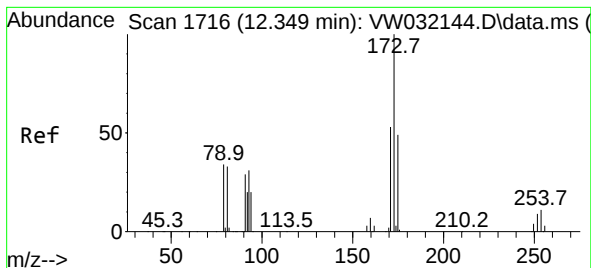
Ion Ratio Lower Upper

104 100

78 51.2 41.6 62.4

103 54.7 44.8 67.2





#71

Bromoform

Concen: 50.741 ug/l

RT: 12.342 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

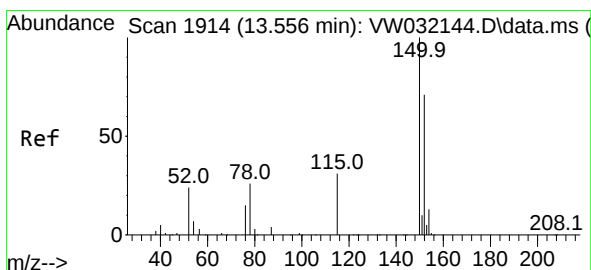
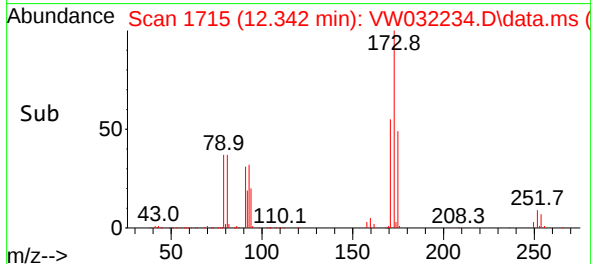
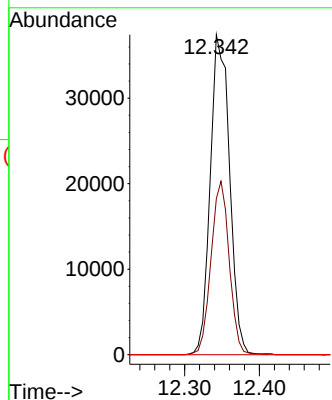
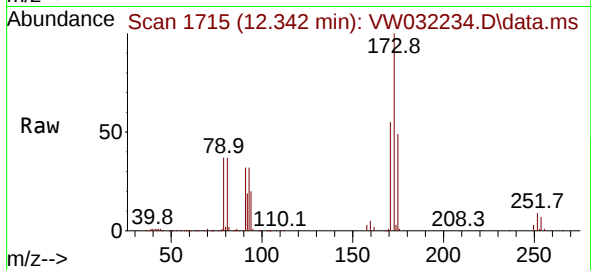
Tgt Ion:173 Resp: 67283

Ion Ratio Lower Upper

173 100

175 51.0 24.9 74.7

254 0.0 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: VW032234.D

Acq: 23 Sep 2025 10:11

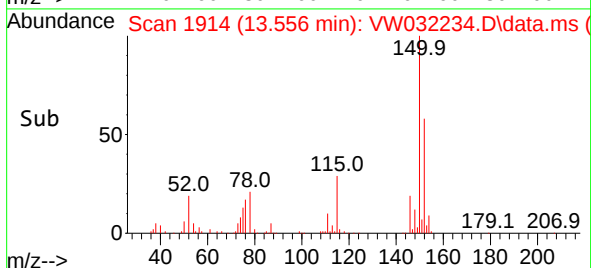
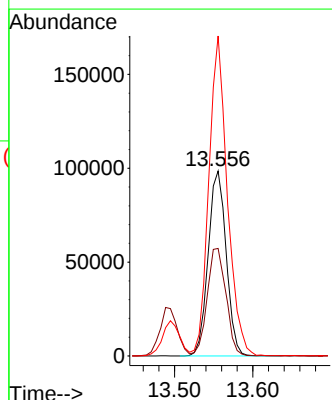
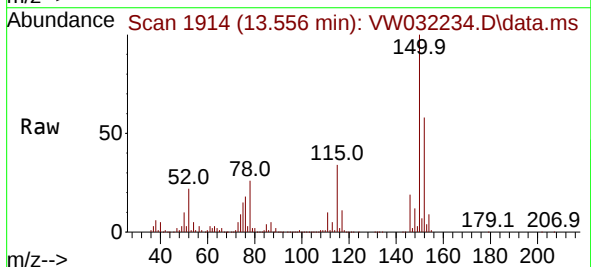
Tgt Ion:152 Resp: 157560

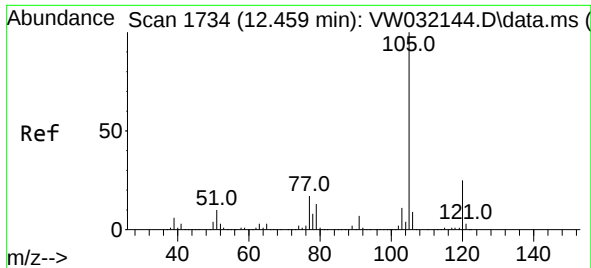
Ion Ratio Lower Upper

152 100

115 60.3 31.8 95.4

150 177.2 0.0 343.0

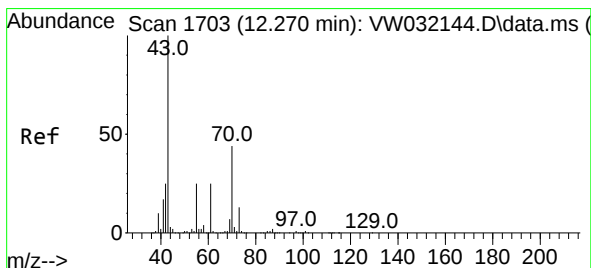
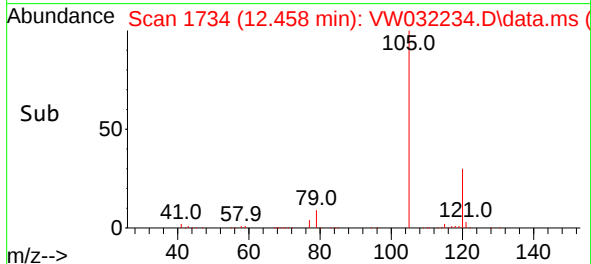
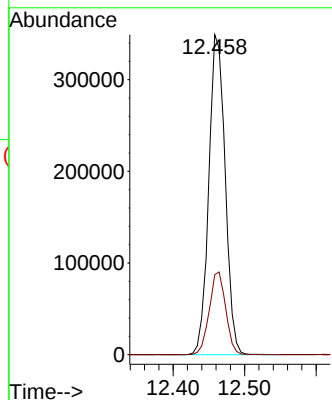
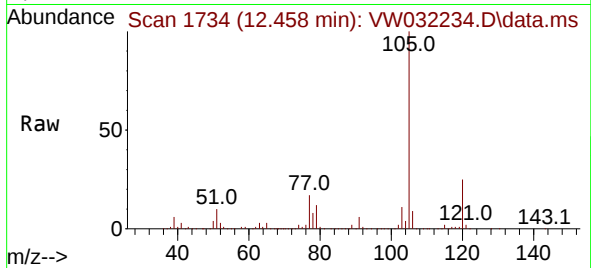




#73
Isopropylbenzene
Concen: 51.839 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

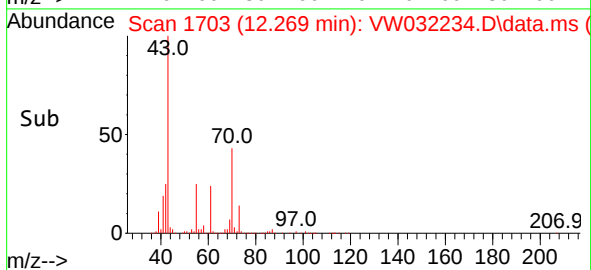
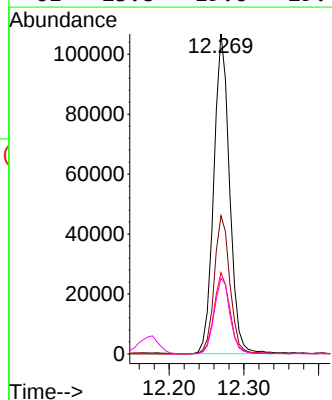
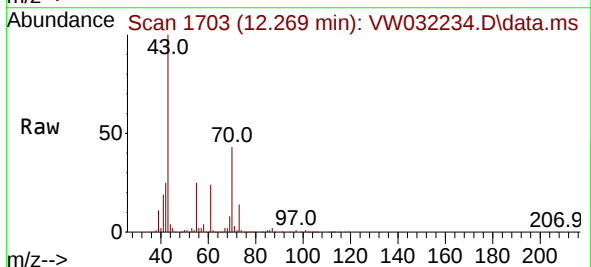
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

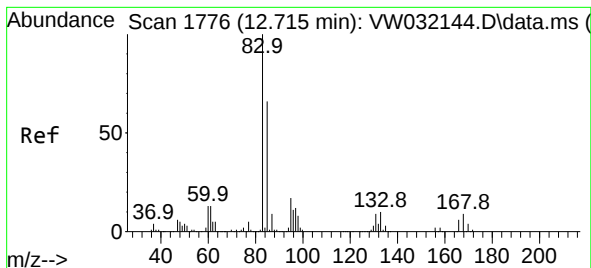
Tgt Ion:105 Resp: 554887
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 50.599 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 43 Resp: 157249
Ion Ratio Lower Upper
43 100
70 43.0 35.3 52.9
55 25.9 19.9 29.9
61 23.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.226 ug/l

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

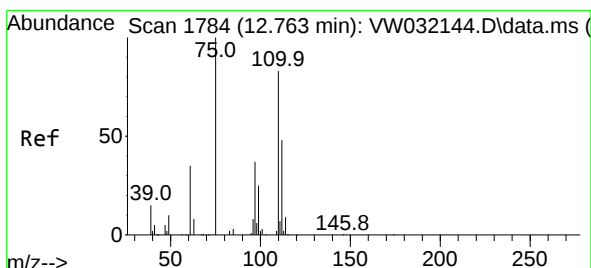
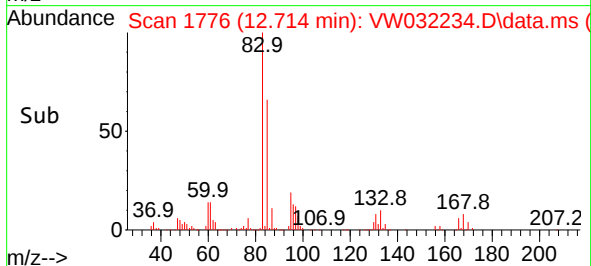
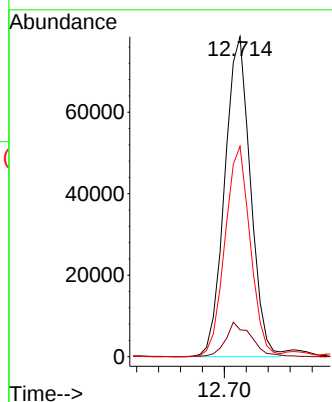
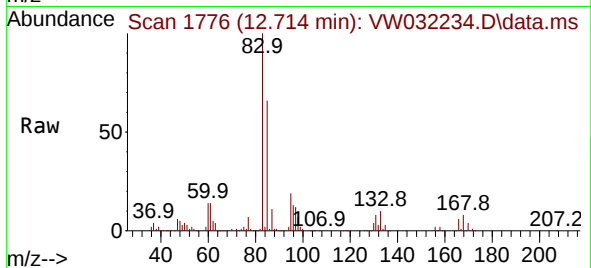
Tgt Ion: 83 Resp: 127768

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

85 64.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 81.381 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW032234.D

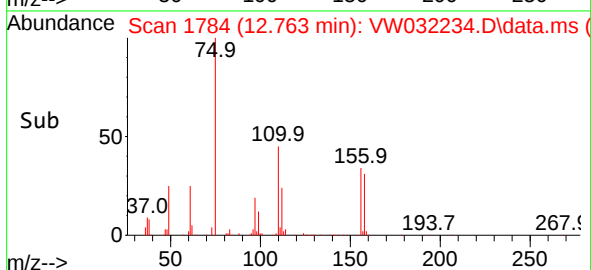
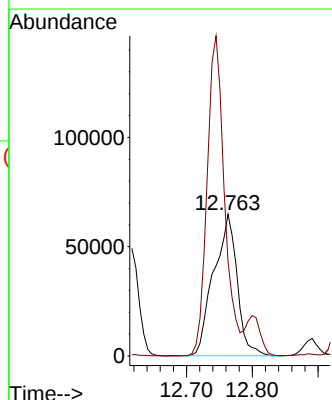
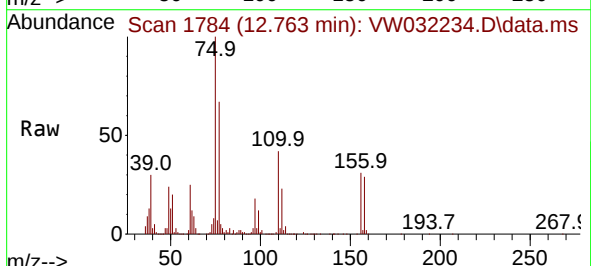
Acq: 23 Sep 2025 10:11

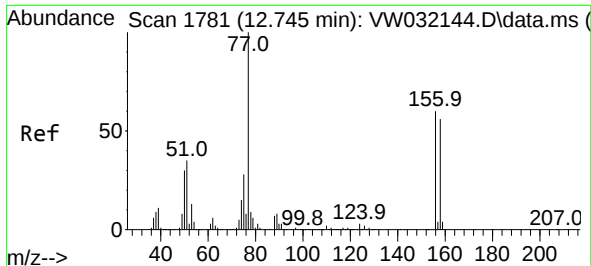
Tgt Ion: 75 Resp: 160640

Ion Ratio Lower Upper

75 100

77 167.9 141.7 425.1

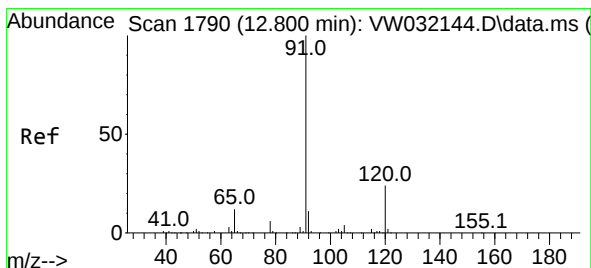
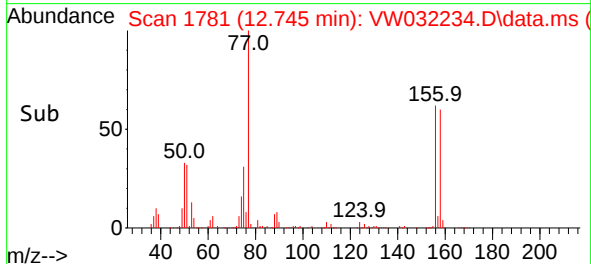
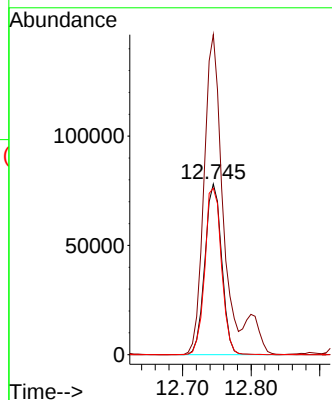
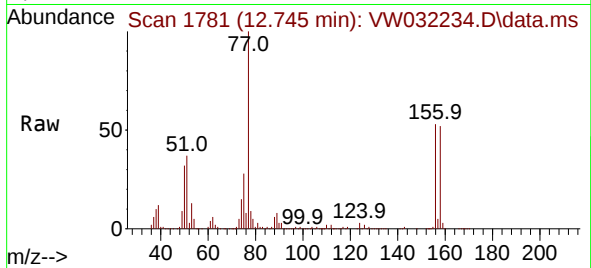




#77
Bromobenzene
Concen: 48.877 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

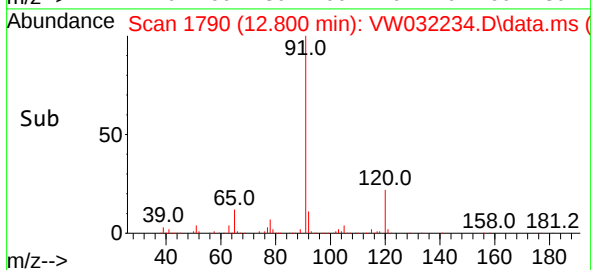
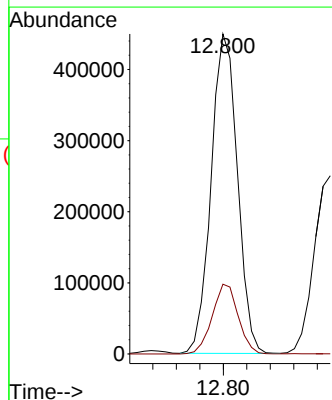
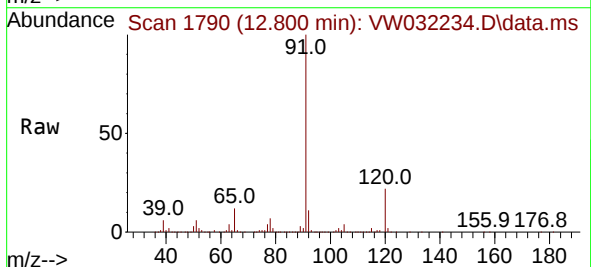
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

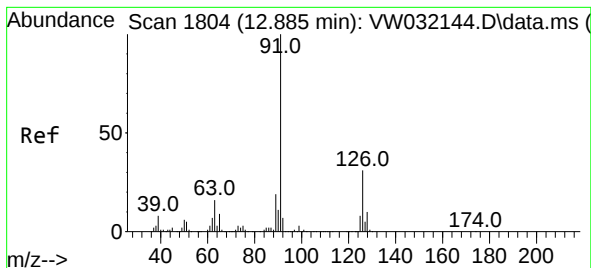
Tgt Ion:156 Resp: 133417
Ion Ratio Lower Upper
156 100
77 202.1 98.6 295.7
158 96.9 48.4 145.0



#78
n-propylbenzene
Concen: 53.733 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 91 Resp: 698290
Ion Ratio Lower Upper
91 100
120 21.6 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.768 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

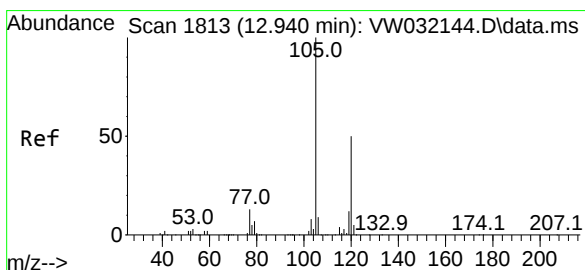
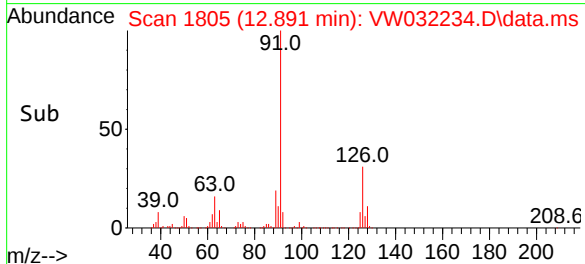
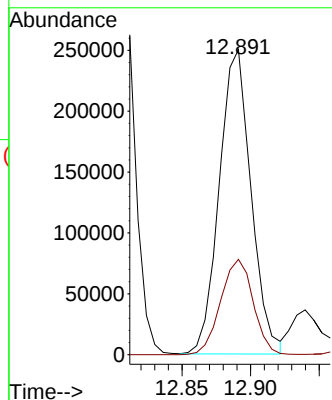
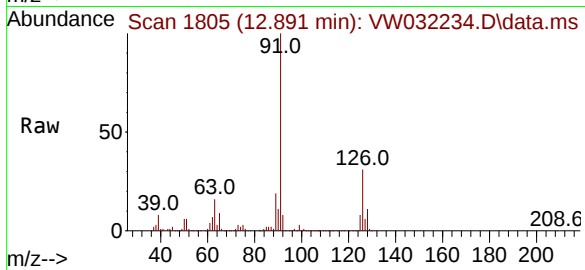
VSTDCCC050

Tgt Ion: 91 Resp: 403446

Ion Ratio Lower Upper

91 100

126 32.1 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 52.991 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032234.D

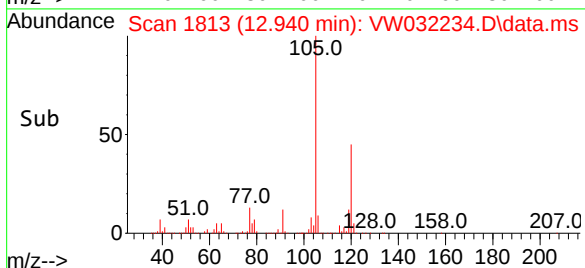
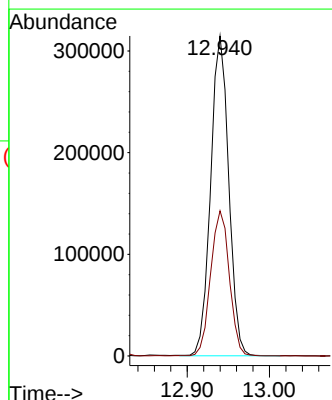
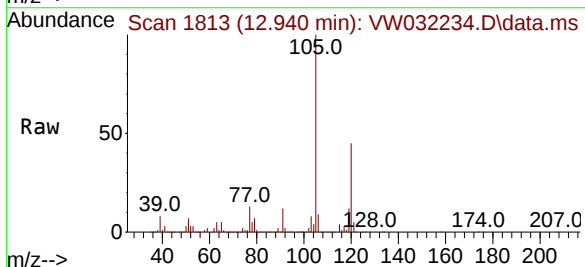
Acq: 23 Sep 2025 10:11

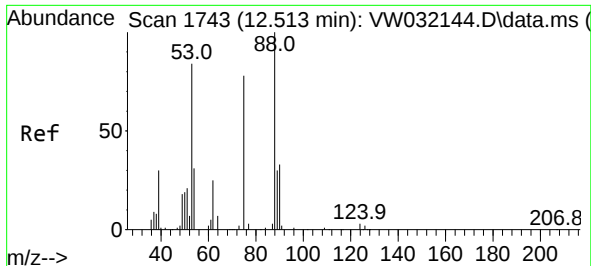
Tgt Ion:105 Resp: 480240

Ion Ratio Lower Upper

105 100

120 46.9 24.8 74.4

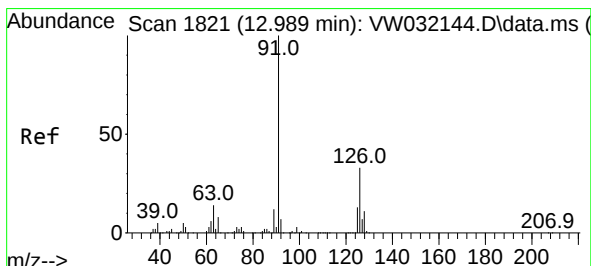
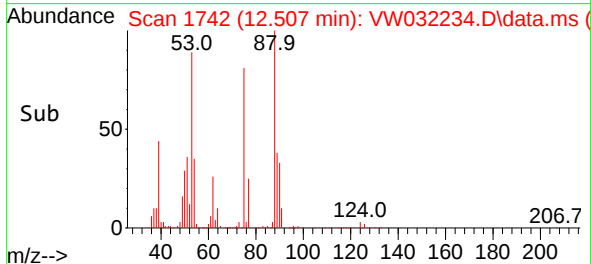
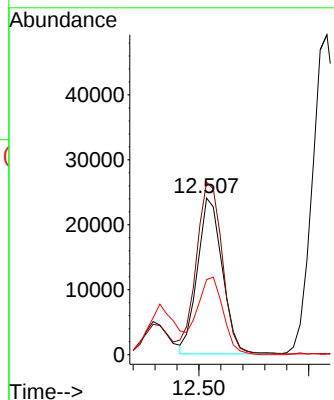
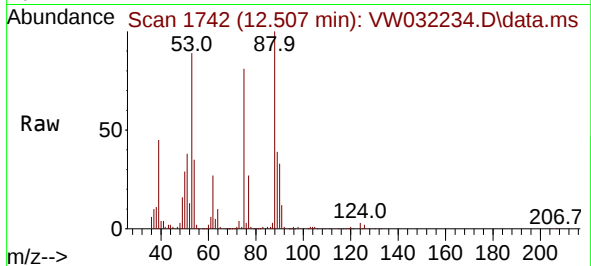




#81
trans-1,4-Dichloro-2-butene
Concen: 51.757 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

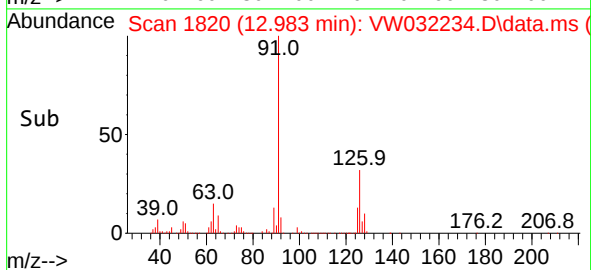
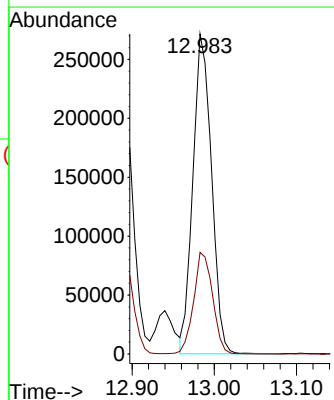
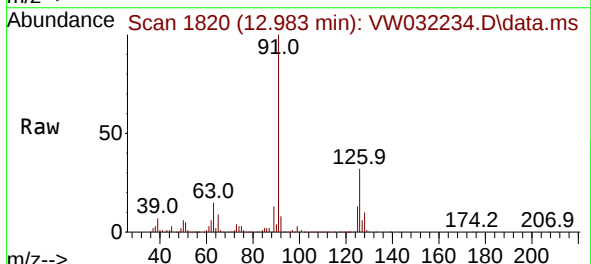
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

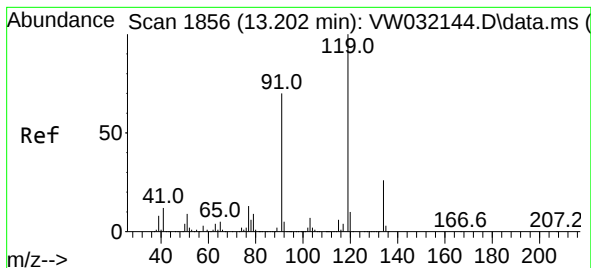
Tgt Ion: 75 Resp: 37944
Ion Ratio Lower Upper
75 100
53 116.7 91.0 136.6
89 51.0 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.065 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 91 Resp: 425874
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 54.240 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

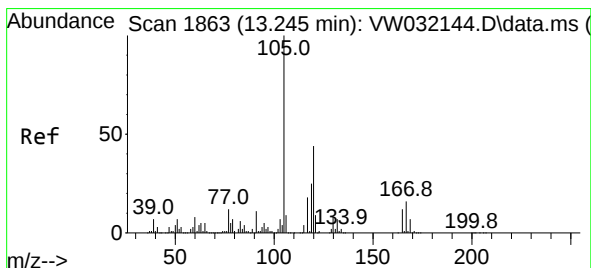
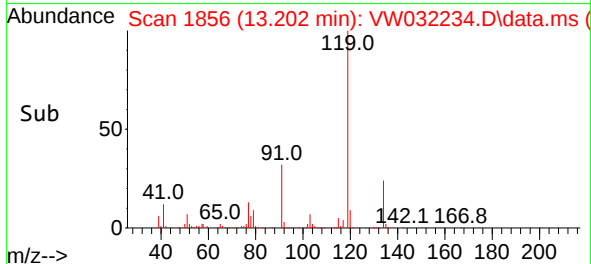
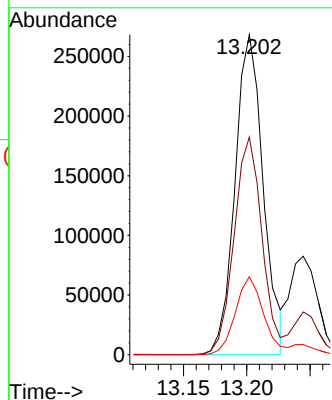
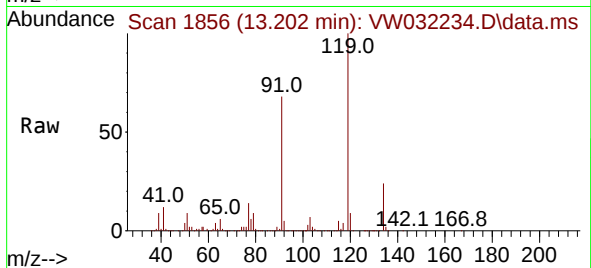
Tgt Ion:119 Resp: 416789

Ion Ratio Lower Upper

119 100

91 67.1 33.8 101.3

134 24.4 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 50.416 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032234.D

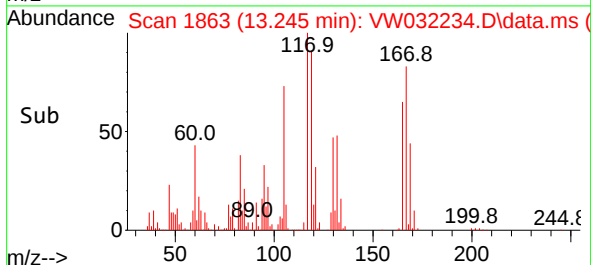
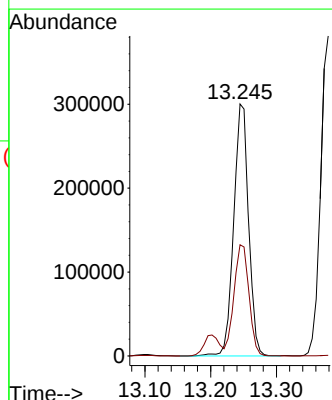
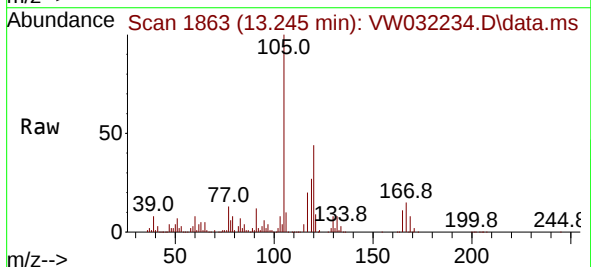
Acq: 23 Sep 2025 10:11

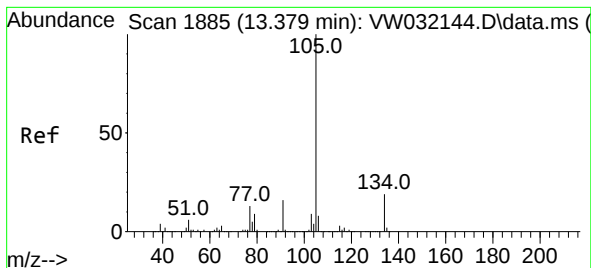
Tgt Ion:105 Resp: 472709

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.385 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

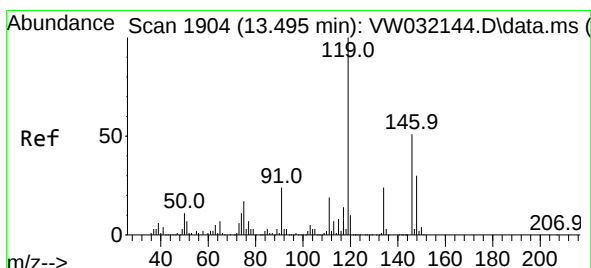
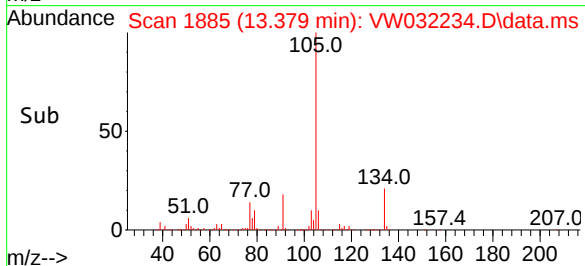
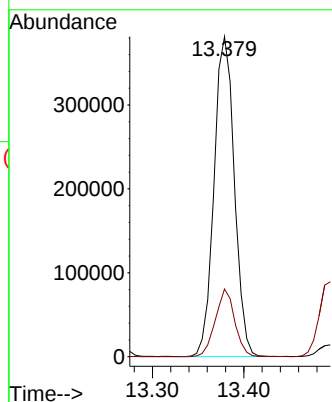
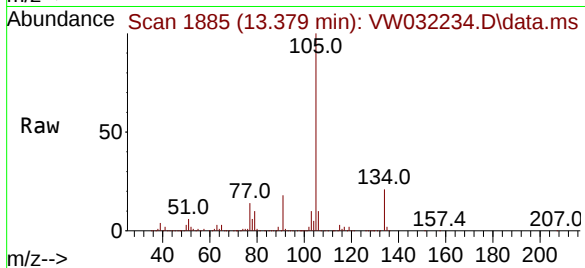
VSTDCCC050

Tgt Ion:105 Resp: 589529

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.956 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

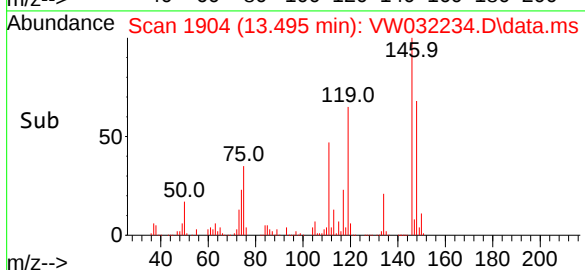
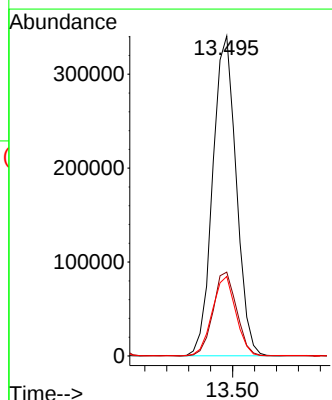
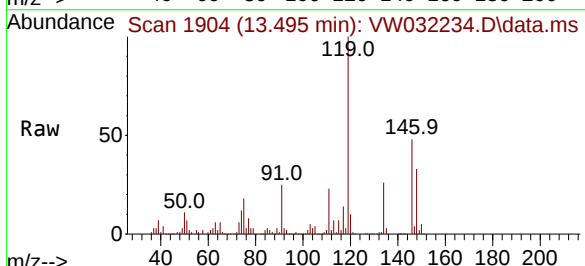
Tgt Ion:119 Resp: 506921

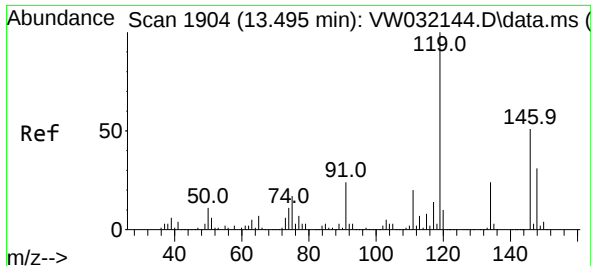
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.6

91 24.8 12.4 37.0

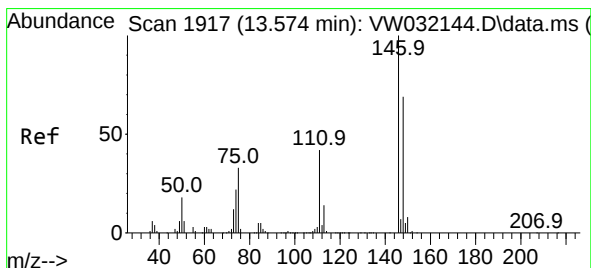
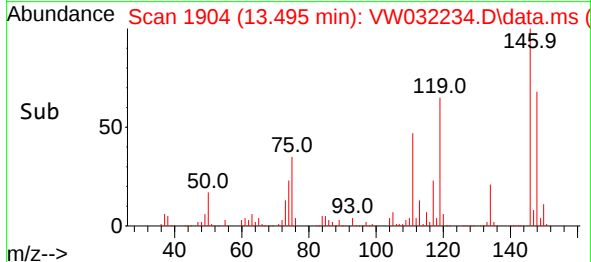
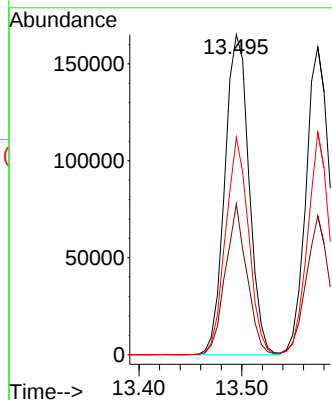
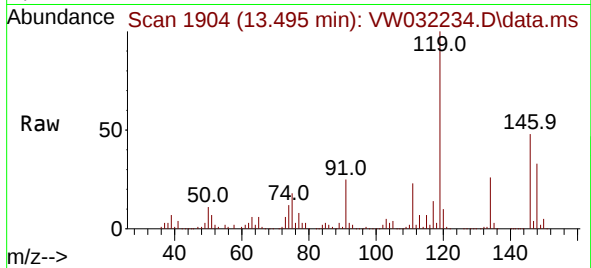




#87
1,3-Dichlorobenzene
Concen: 49.010 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

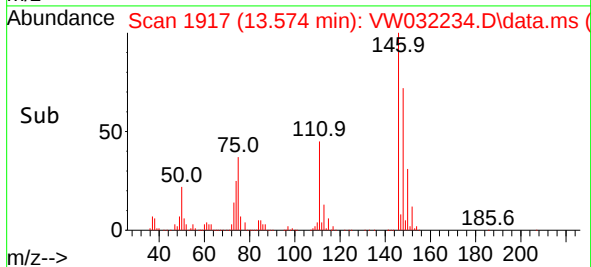
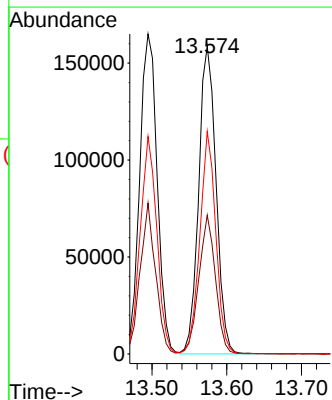
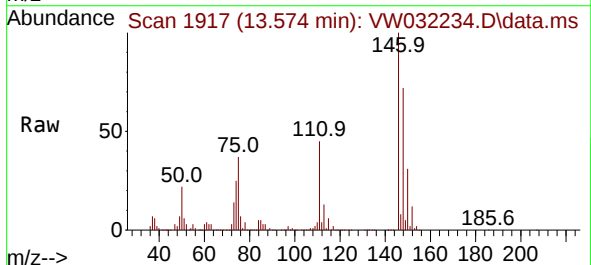
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

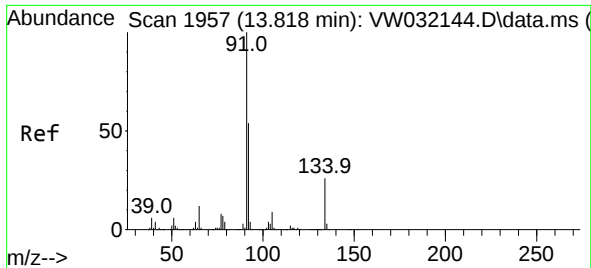
Tgt Ion:146 Resp: 269361
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 64.7 30.6 92.0



#88
1,4-Dichlorobenzene
Concen: 46.445 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:146 Resp: 255862
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.7
148 66.4 33.4 100.1

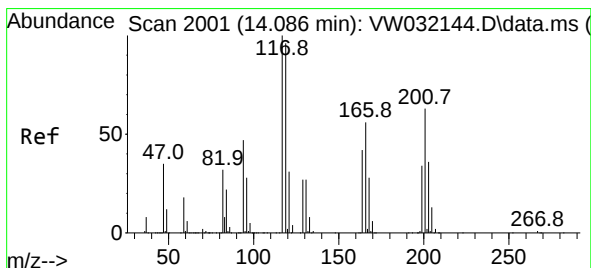
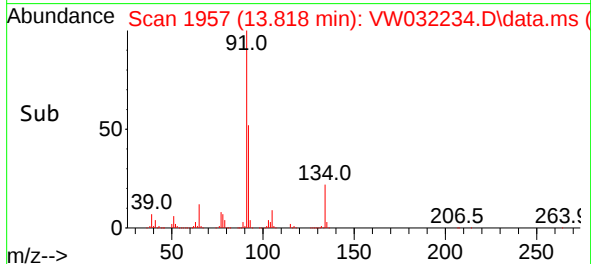
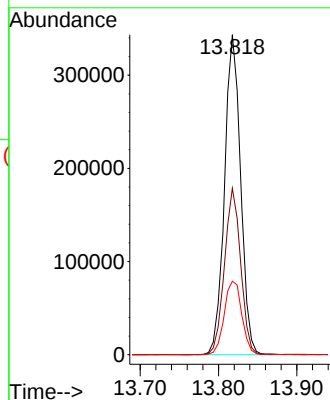
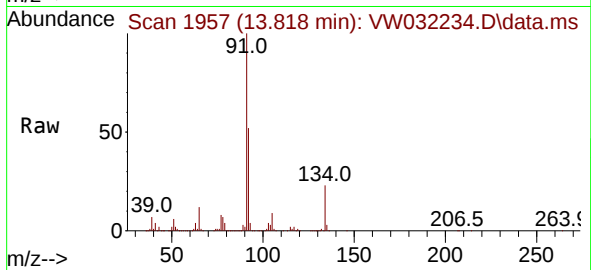




#89
n-Butylbenzene
Concen: 52.861 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

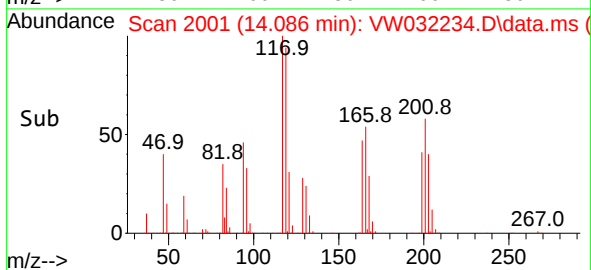
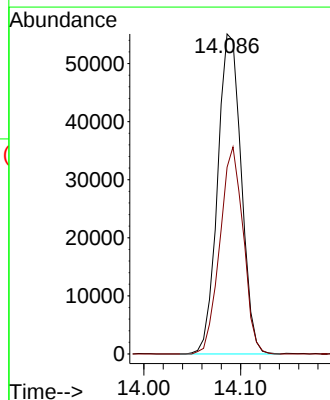
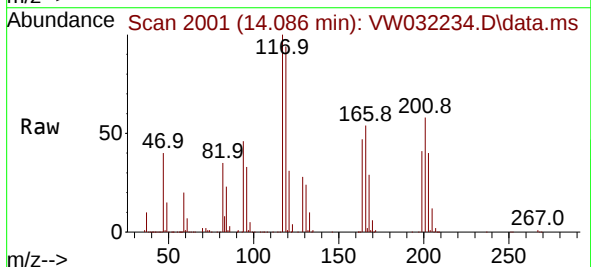
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

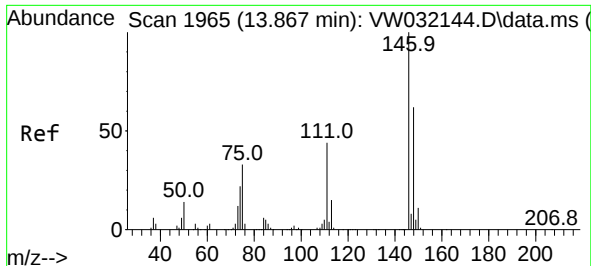
Tgt Ion: 91 Resp: 491706
Ion Ratio Lower Upper
91 100
92 52.4 27.0 81.0
134 25.0 13.1 39.3



#90
Hexachloroethane
Concen: 52.353 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 117 Resp: 93430
Ion Ratio Lower Upper
117 100
201 63.8 32.8 98.4

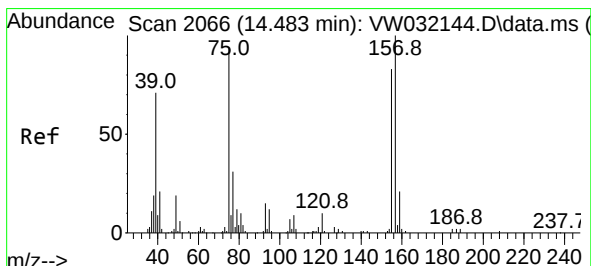
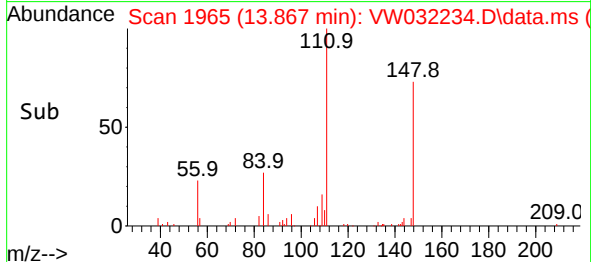
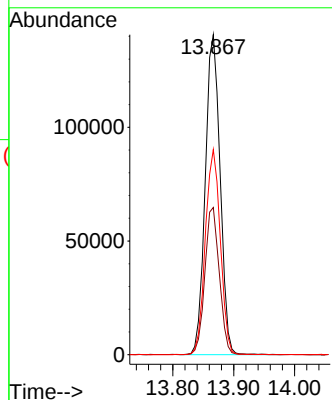
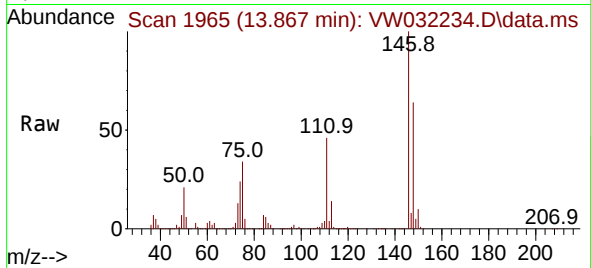




#91
1,2-Dichlorobenzene
Concen: 49.046 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

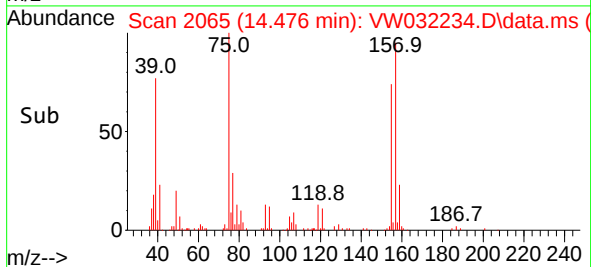
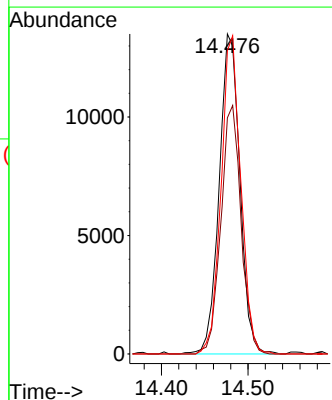
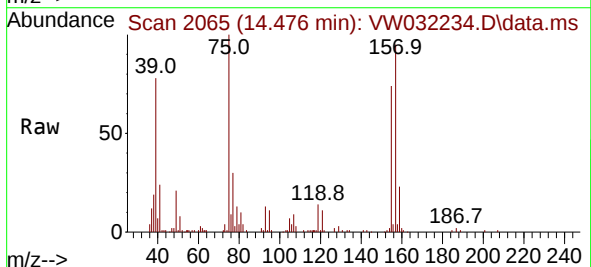
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

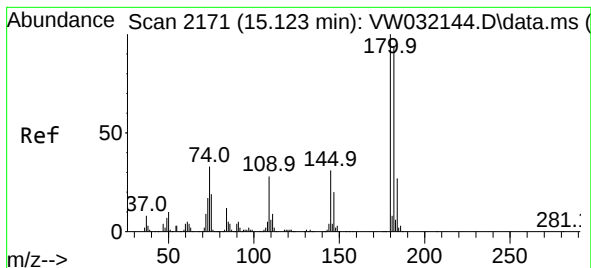
Tgt Ion:146 Resp: 238659
Ion Ratio Lower Upper
146 100
111 44.9 23.4 70.0
148 64.5 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.846 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion: 75 Resp: 22401
Ion Ratio Lower Upper
75 100
155 75.8 40.8 122.5
157 94.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 47.952 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

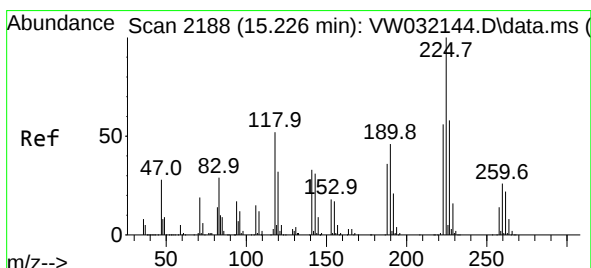
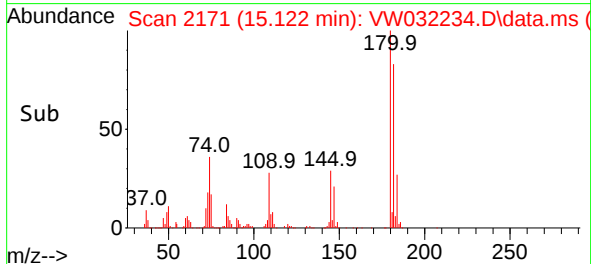
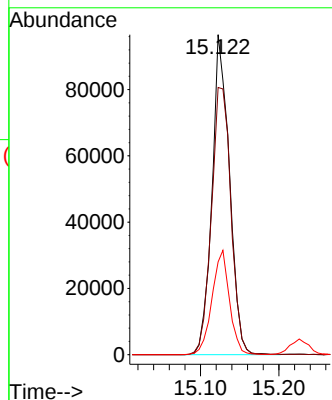
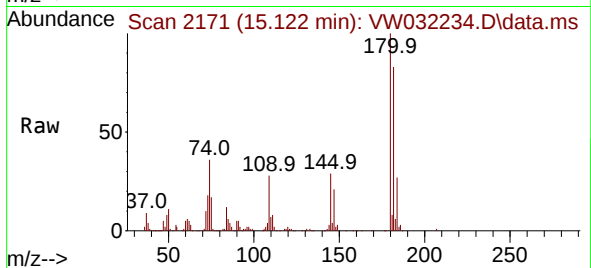
Tgt Ion:180 Resp: 149078

Ion Ratio Lower Upper

180 100

182 93.7 47.4 142.2

145 32.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 44.940 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032234.D

Acq: 23 Sep 2025 10:11

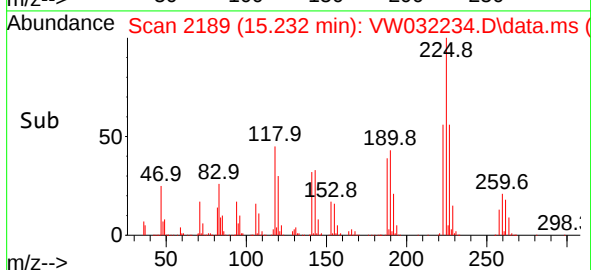
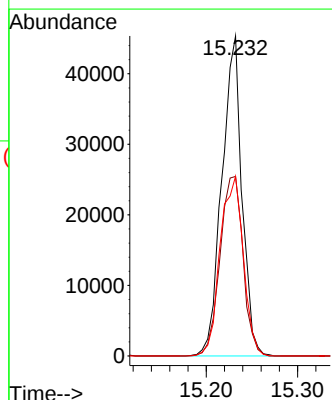
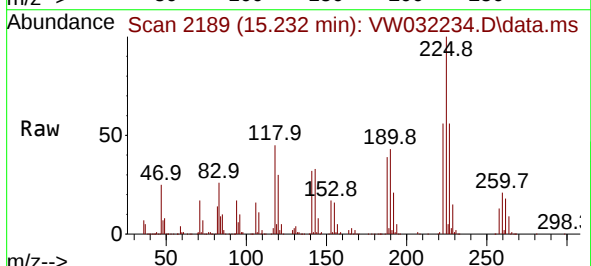
Tgt Ion:225 Resp: 69292

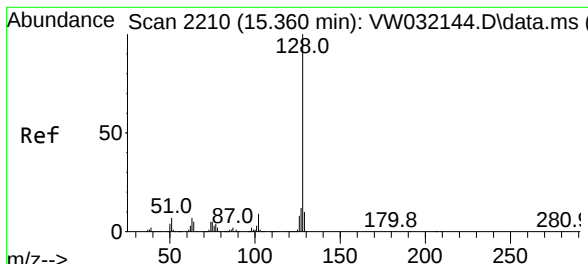
Ion Ratio Lower Upper

225 100

223 64.1 29.8 89.3

227 64.5 30.5 91.5

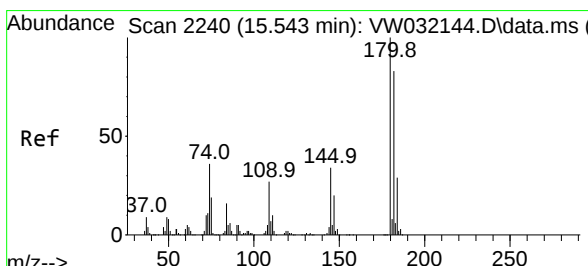
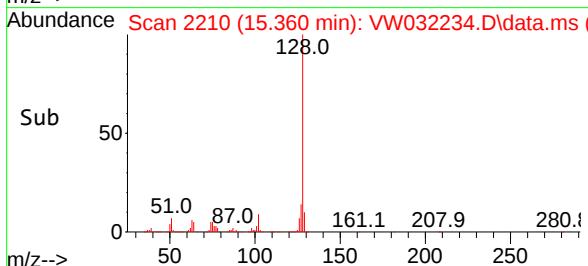
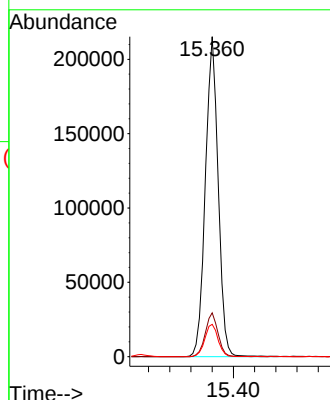
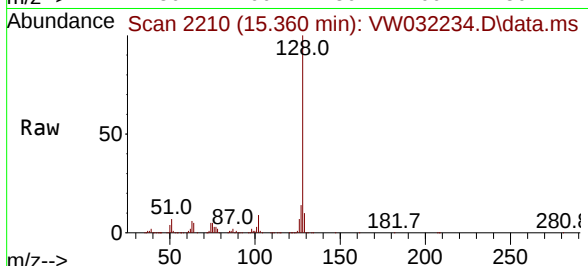




#95
Naphthalene
Concen: 51.187 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	360154
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	16.0
129	10.5	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 44.875 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032234.D
Acq: 23 Sep 2025 10:11

Tgt Ion:	180	Resp:	129746
Ion Ratio	Lower	Upper	
180	100		
182	100.9	47.7	143.1
145	37.1	17.2	51.6

