

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032125.D
 Acq On : 22 Aug 2025 20:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 04:03:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	224305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	375815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	353352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147822	45.567	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.140%
35) Dibromofluoromethane	7.898	113	123738	50.965	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.920%
50) Toluene-d8	10.325	98	453302	50.478	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.617	95	169576	51.242	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60616	37.784	ug/l	89
3) Chloromethane	2.253	50	66010	30.546	ug/l	98
4) Vinyl Chloride	2.405	62	88730	33.945	ug/l	96
5) Bromomethane	2.826	94	76474	38.996	ug/l	98
6) Chloroethane	2.972	64	62924	36.379	ug/l	94
7) Trichlorofluoromethane	3.308	101	83584	39.916	ug/l	99
8) Diethyl Ether	3.716	74	70044	40.827	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.100	101	96641	39.119	ug/l	95
10) Methyl Iodide	4.313	142	156175	44.586	ug/l	97
11) Tert butyl alcohol	5.222	59	45603	217.089	ug/l	98
12) 1,1-Dichloroethene	4.076	96	104640	38.467	ug/l	95
13) Acrolein	3.929	56	21541	64.357	ug/l	100
14) Allyl chloride	4.704	41	152846	38.606	ug/l #	87
15) Acrylonitrile	5.405	53	172185	210.714	ug/l	98
16) Acetone	4.161	43	137360	182.881	ug/l	93
17) Carbon Disulfide	4.423	76	263615	36.104	ug/l	98
18) Methyl Acetate	4.710	43	127909	53.818	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	221735	46.263	ug/l	98
20) Methylene Chloride	4.954	84	143407	41.295	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	120945	41.896	ug/l	97
22) Diisopropyl ether	6.344	45	359182	43.035	ug/l	97
23) Vinyl Acetate	6.283	43	1135583	207.231	ug/l	99
24) 1,1-Dichloroethane	6.246	63	220313	41.314	ug/l	100
25) 2-Butanone	7.197	43	234586	219.755	ug/l	99
26) 2,2-Dichloropropane	7.185	77	107521	40.191	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	153296	45.429	ug/l	94
28) Bromochloromethane	7.532	49	103202	42.528	ug/l	92
29) Tetrahydrofuran	7.551	42	152055	215.989	ug/l	96
30) Chloroform	7.691	83	251568	44.499	ug/l	98
31) Cyclohexane	7.971	56	171500	37.096	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	180836	44.038	ug/l	98
36) 1,1-Dichloropropene	8.099	75	158024	46.169	ug/l	98
37) Ethyl Acetate	7.276	43	97907	48.569	ug/l	98
38) Carbon Tetrachloride	8.087	117	165550	50.120	ug/l	96
39) Methylcyclohexane	9.343	83	193128	46.294	ug/l	96
40) Benzene	8.337	78	505813	47.543	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	61003	53.363	ug/l	96
42) 1,2-Dichloroethane	8.416	62	172298	50.610	ug/l	99
43) Isopropyl Acetate	8.435	43	189062	50.977	ug/l	98
44) Trichloroethene	9.105	130	127434	50.297	ug/l	98
45) 1,2-Dichloropropane	9.374	63	123191	47.929	ug/l	99
46) Dibromomethane	9.465	93	85832	51.741	ug/l	94
47) Bromodichloromethane	9.654	83	190097	49.731	ug/l	99
48) Methyl methacrylate	9.441	41	94048	52.527	ug/l #	91
49) 1,4-Dioxane	9.465	88	23490	1095.175	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	547763	261.667	ug/l	98
52) Toluene	10.392	92	335709	50.096	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	177654	49.608	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	199147	49.017	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	111513	50.587	ug/l	96
56) Ethyl methacrylate	10.648	69	152877	51.825	ug/l #	92
57) 1,3-Dichloropropane	10.934	76	189633	49.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	416725	255.401	ug/l	98
59) 2-Hexanone	10.971	43	386153	266.352	ug/l	97
60) Dibromochloromethane	11.135	129	134773	53.522	ug/l	98
61) 1,2-Dibromoethane	11.239	107	109767	51.241	ug/l	98
64) Tetrachloroethene	10.867	164	109321	53.563	ug/l	95
65) Chlorobenzene	11.660	112	377030	49.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	121980	50.832	ug/l	98
67) Ethyl Benzene	11.733	91	625258	47.994	ug/l	97
68) m/p-Xylenes	11.837	106	485810	96.639	ug/l	99
69) o-Xylene	12.166	106	240717	51.808	ug/l	95
70) Styrene	12.178	104	417846	50.630	ug/l	98
71) Bromoform	12.349	173	77066	56.144	ug/l #	96
73) Isopropylbenzene	12.464	105	606764	48.544	ug/l	100
74) N-amyl acetate	12.269	43	167518	46.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	135731	45.736	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	172462	71.047	ug/l	55
77) Bromobenzene	12.745	156	146995	49.239	ug/l	91
78) n-propylbenzene	12.800	91	711959	46.266	ug/l	99
79) 2-Chlorotoluene	12.891	91	437440	46.059	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	494302	46.582	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	39187	41.794	ug/l	91
82) 4-Chlorotoluene	12.989	91	455888	45.180	ug/l	96
83) tert-Butylbenzene	13.202	119	435155	49.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	517357	47.894	ug/l	98
85) sec-Butylbenzene	13.379	105	628332	47.191	ug/l	99
86) p-Isopropyltoluene	13.495	119	544722	49.074	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	288658	48.594	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	297467	49.553	ug/l	97
89) n-Butylbenzene	13.818	91	496987	46.086	ug/l	99
90) Hexachloroethane	14.086	117	95426	47.008	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	272906	50.716	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	24938	47.268	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	176308	54.771	ug/l	93
94) Hexachlorobutadiene	15.232	225	77871	54.117	ug/l	95
95) Naphthalene	15.360	128	409102	51.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	156971	53.594	ug/l	94

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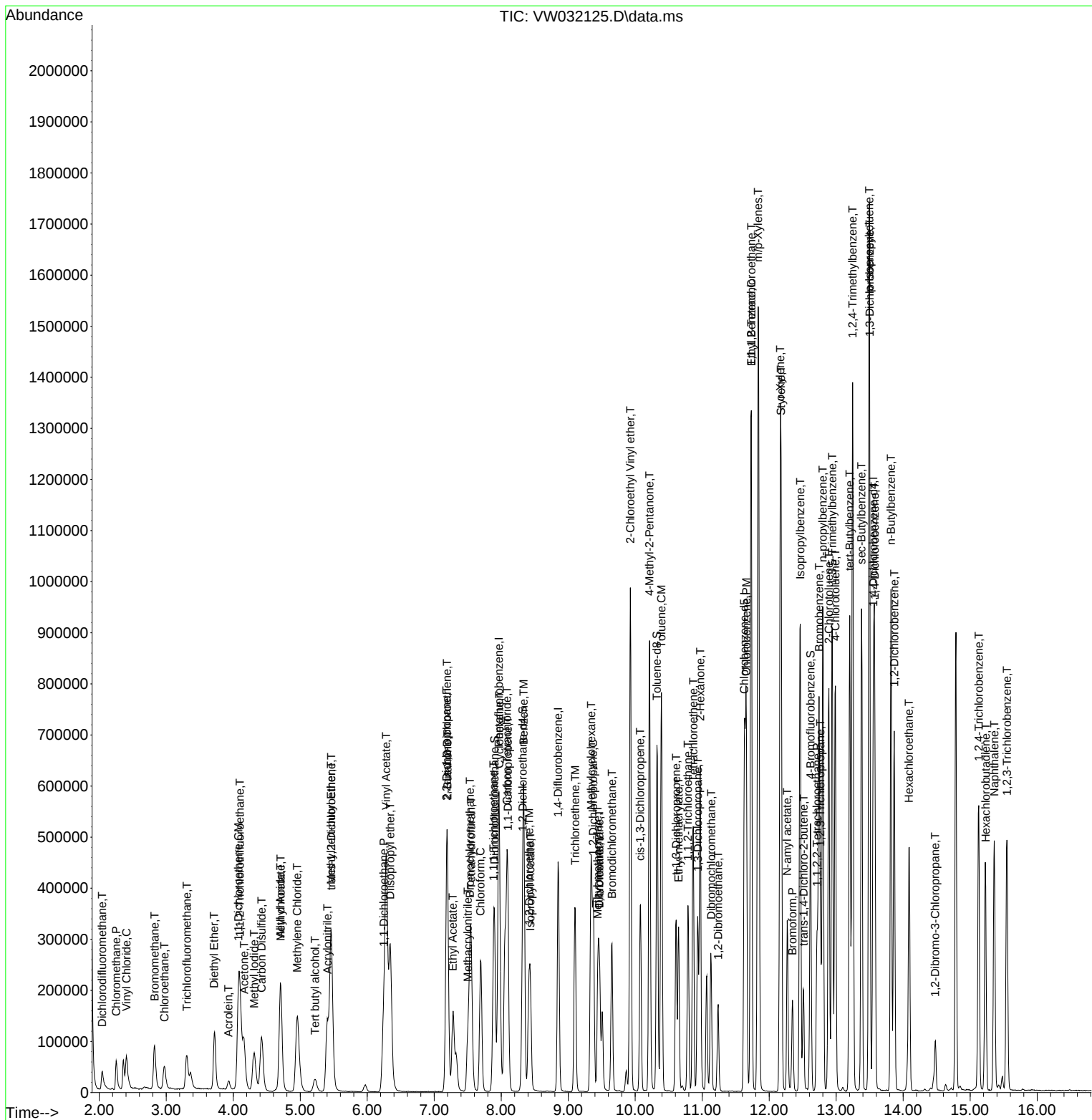
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ClientSampleId :
VSTDCCC050EC

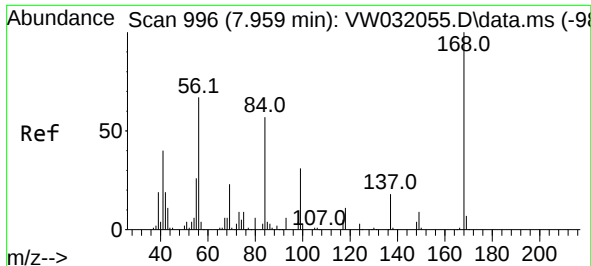
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Response via : Initial Calibration

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

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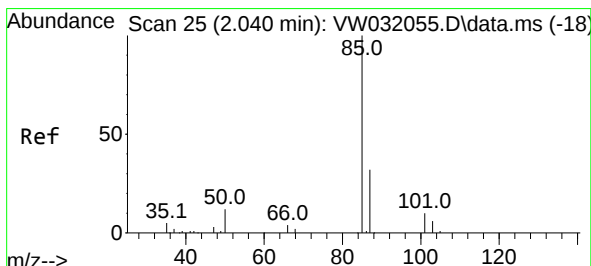
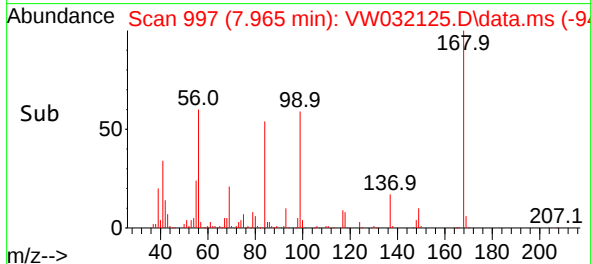
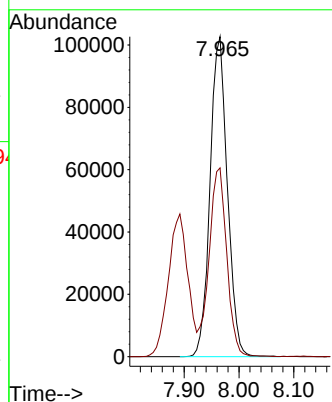
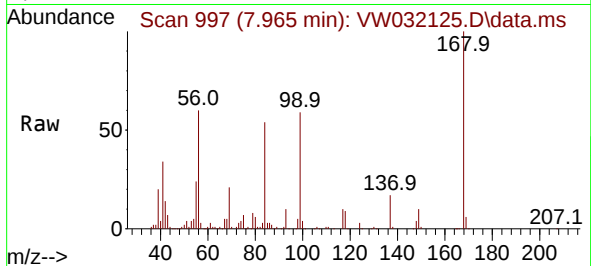




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032125.D
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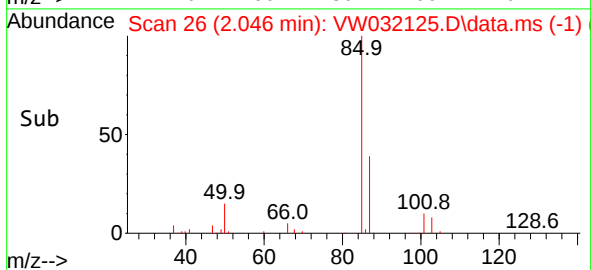
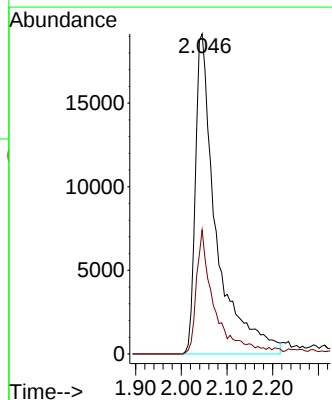
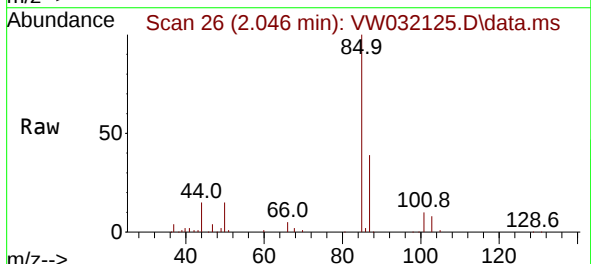
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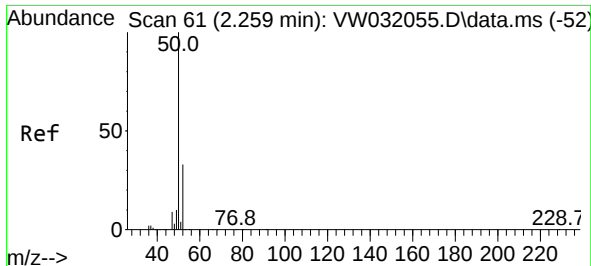
Tgt Ion:168 Resp: 224305
Ion Ratio Lower Upper
168 100
99 58.9 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 37.784 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 85 Resp: 60616
Ion Ratio Lower Upper
85 100
87 38.7 16.2 48.6

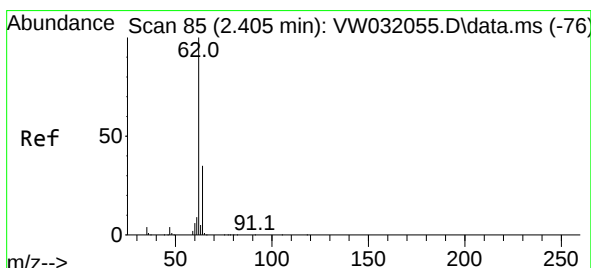
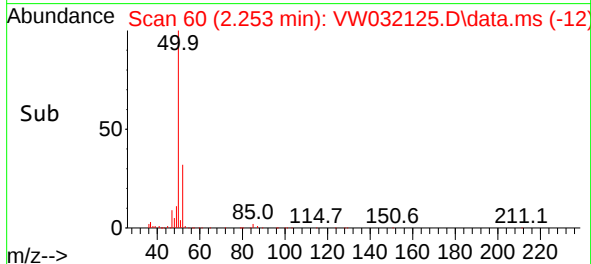
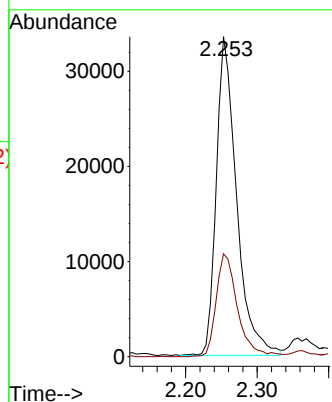
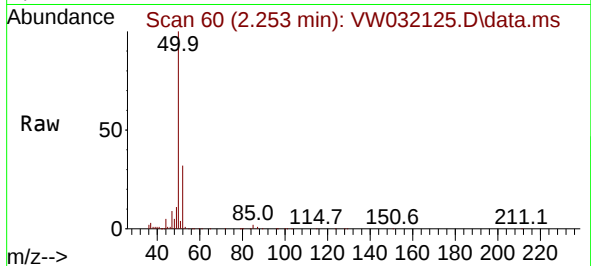




#3
Chloromethane
Concen: 30.546 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

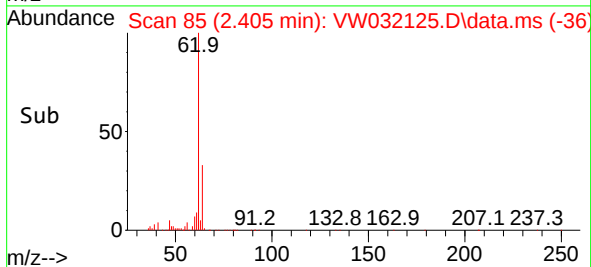
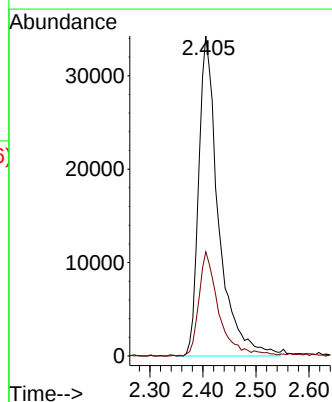
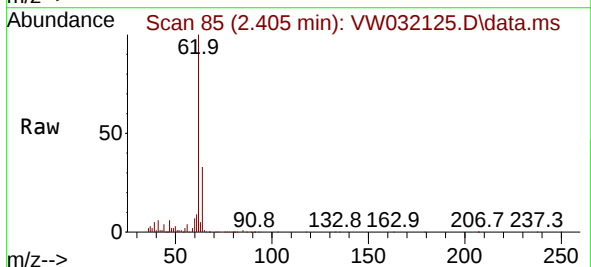
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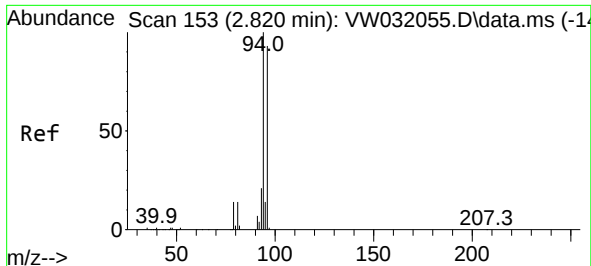
Tgt Ion: 50 Resp: 66010
Ion Ratio Lower Upper
50 100
52 32.3 26.6 39.8



#4
Vinyl Chloride
Concen: 33.945 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 62 Resp: 88730
Ion Ratio Lower Upper
62 100
64 32.3 27.8 41.6

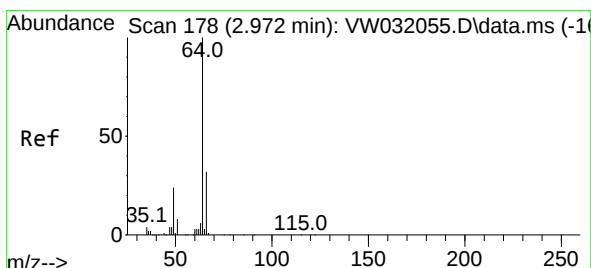
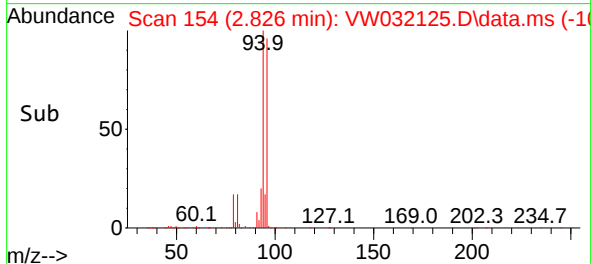
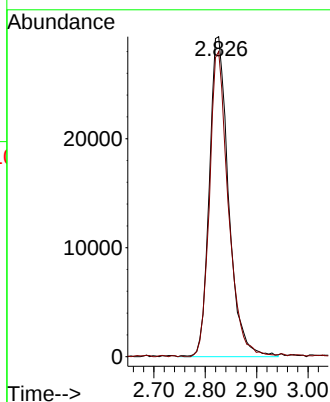
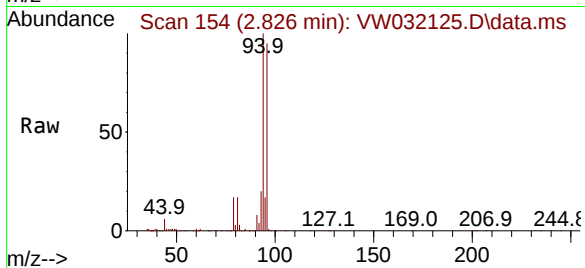




#5
Bromomethane
Concen: 38.996 ug/l
RT: 2.826 min Scan# 153
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

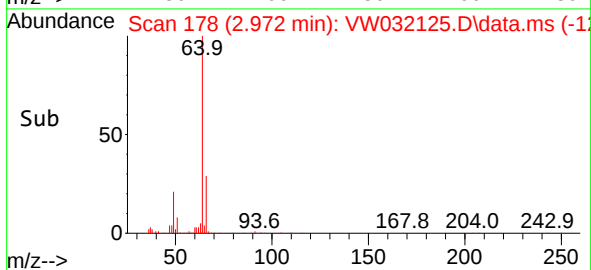
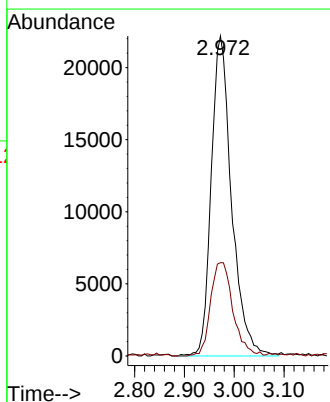
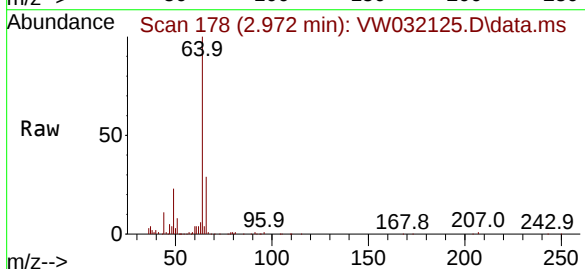
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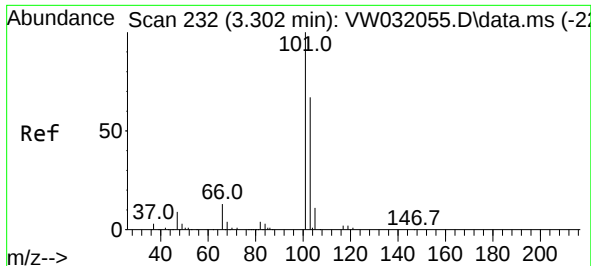
Tgt Ion: 94 Resp: 76474
Ion Ratio Lower Upper
94 100
96 95.3 74.7 112.1



#6
Chloroethane
Concen: 36.379 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 64 Resp: 62924
Ion Ratio Lower Upper
64 100
66 29.1 26.0 39.0

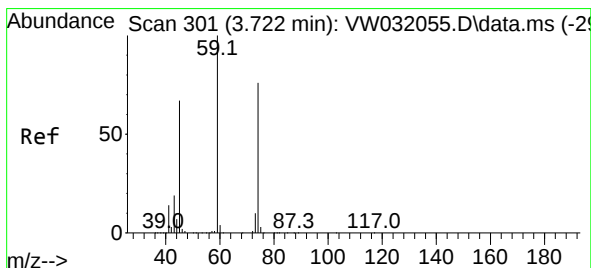
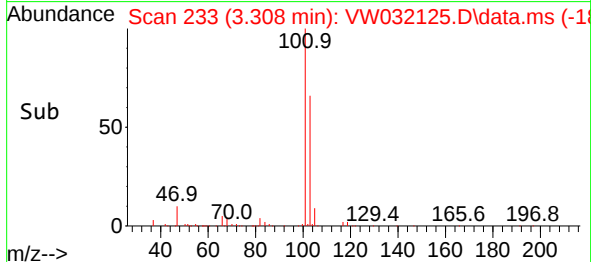
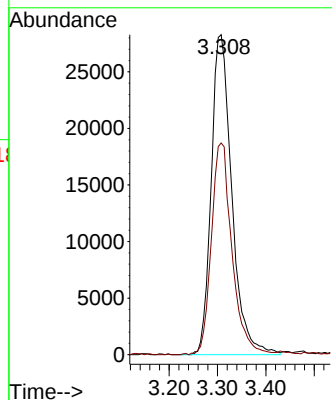
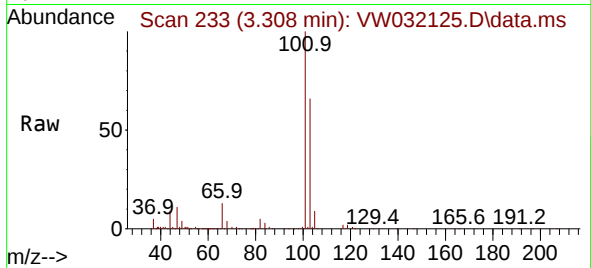




#7
 Trichlorofluoromethane
 Concen: 39.916 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

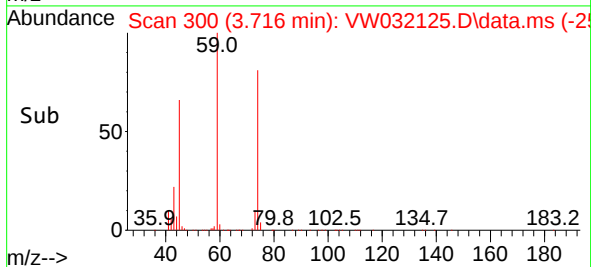
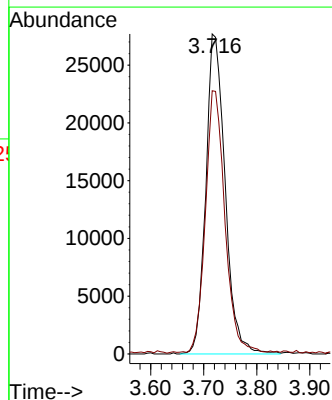
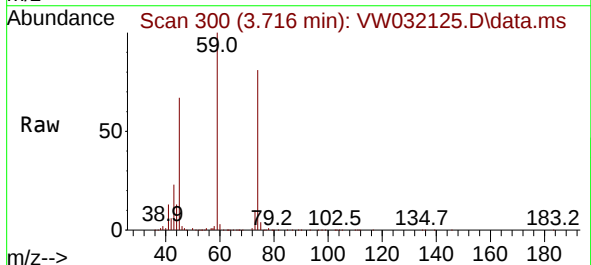
Instrument :
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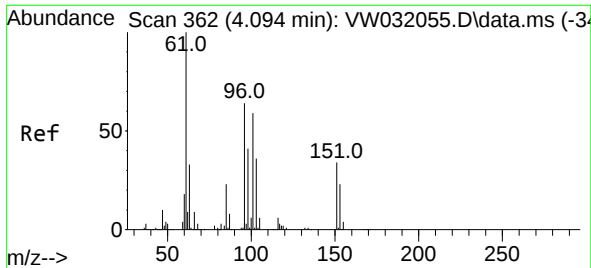
Tgt Ion:101 Resp: 83584
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 40.827 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032125.D
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Tgt Ion: 74 Resp: 70044
 Ion Ratio Lower Upper
 74 100
 45 81.9 45.4 136.2

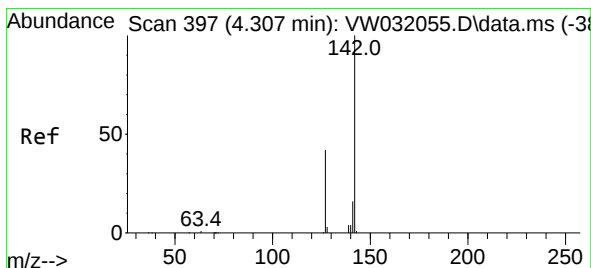
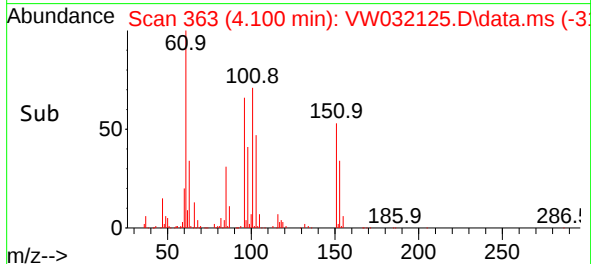
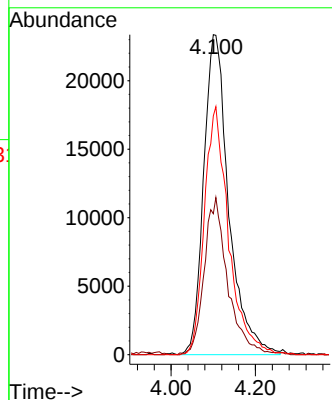
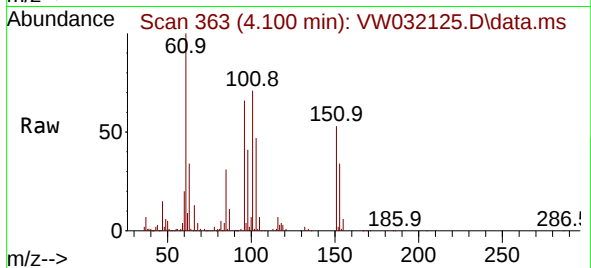




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.119 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

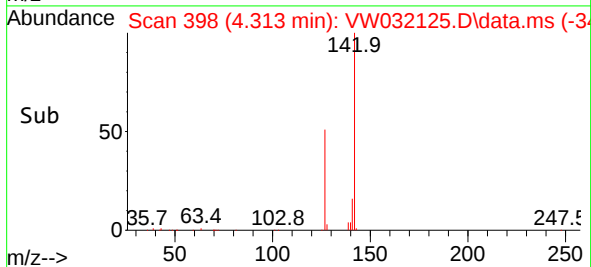
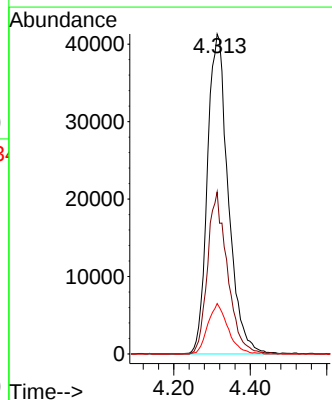
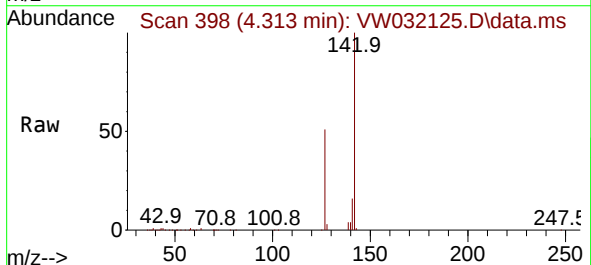
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

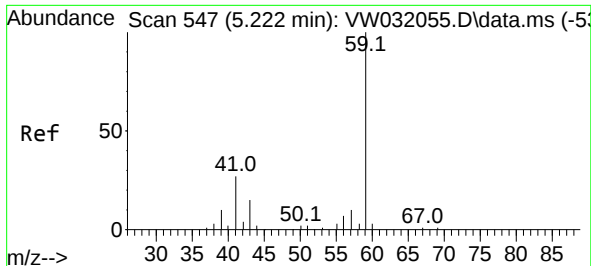
Tgt Ion:101 Resp: 96641
Ion Ratio Lower Upper
101 100
85 46.2 34.9 52.3
151 74.9 56.2 84.4



#10
Methyl Iodide
Concen: 44.586 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:142 Resp: 156175
Ion Ratio Lower Upper
142 100
127 48.3 36.6 55.0
141 15.3 12.1 18.1

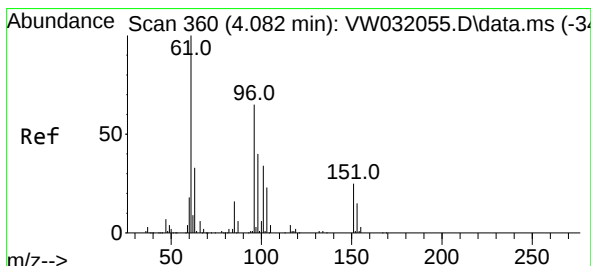
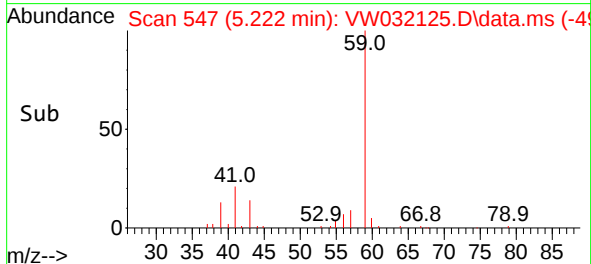
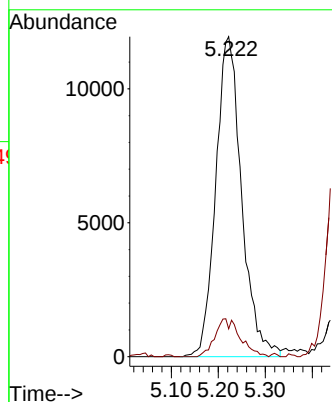
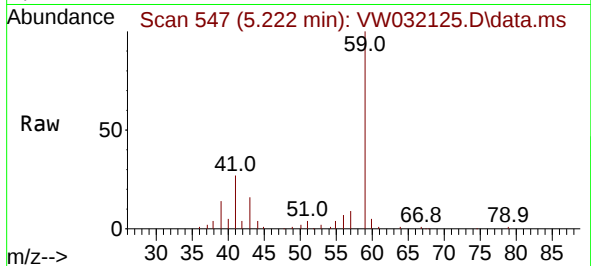




#11
Tert butyl alcohol
Concen: 217.089 ug/l
RT: 5.222 min Scan# 541
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

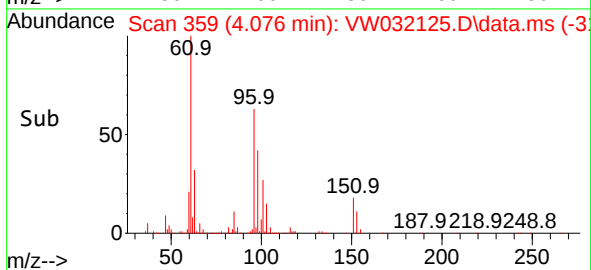
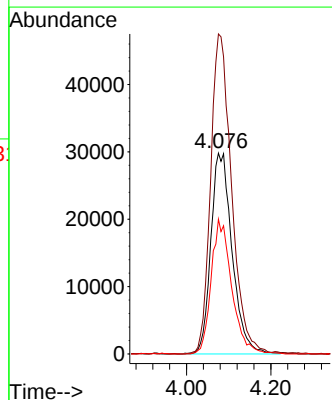
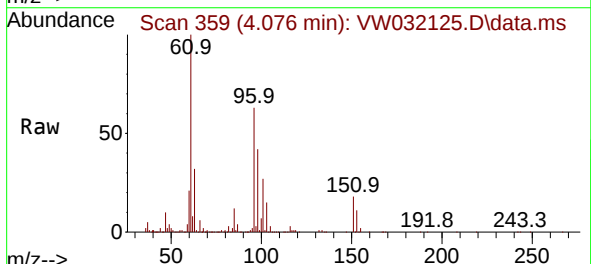
Instrument :
MSVOA_W
ClientSampleId :
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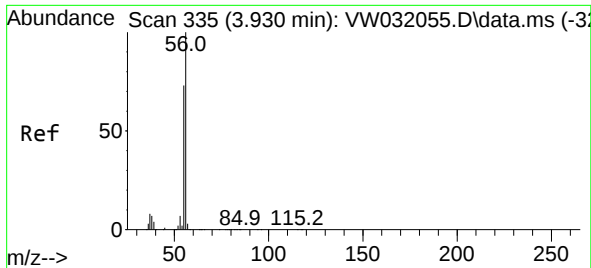
Tgt Ion: 59 Resp: 45603
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 38.467 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 96 Resp: 104640
Ion Ratio Lower Upper
96 100
61 159.4 123.4 185.2
98 67.1 49.5 74.3

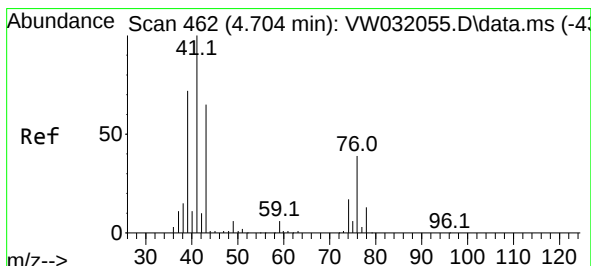
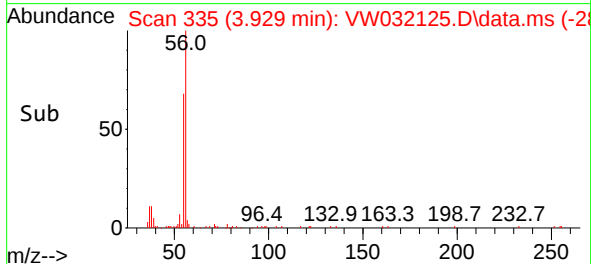
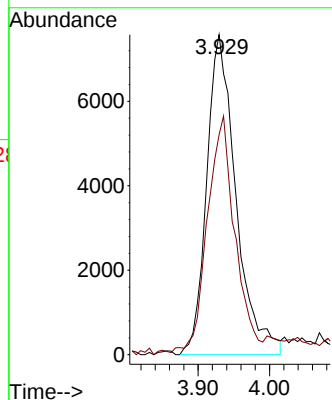
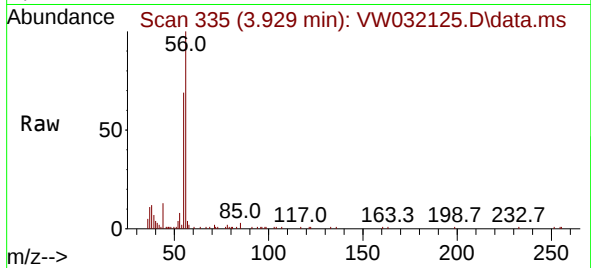




#13
Acrolein
Concen: 64.357 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

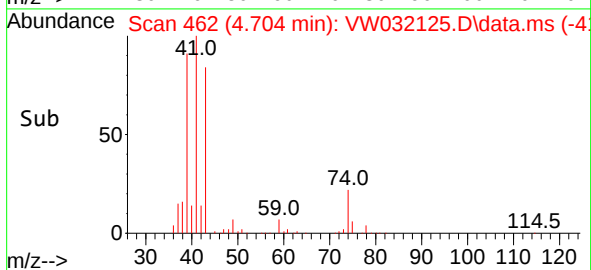
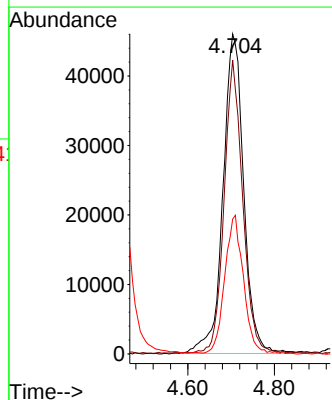
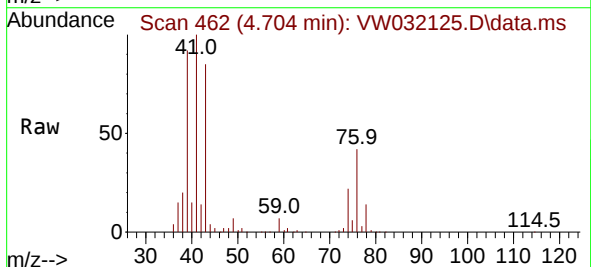
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

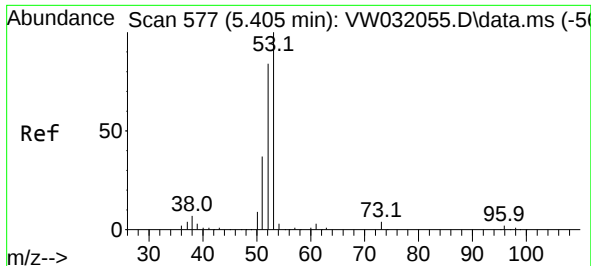
Tgt Ion: 56 Resp: 21541
Ion Ratio Lower Upper
56 100
55 69.0 55.4 83.2



#14
Allyl chloride
Concen: 38.606 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 41 Resp: 152846
Ion Ratio Lower Upper
41 100
39 82.3 54.5 81.7#
76 39.6 29.3 43.9

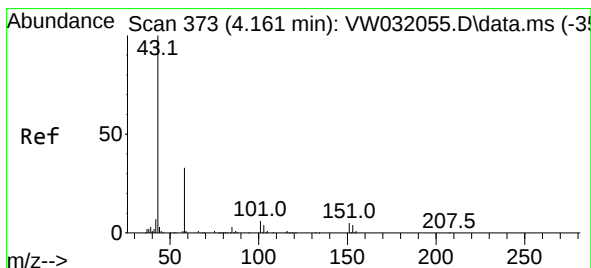
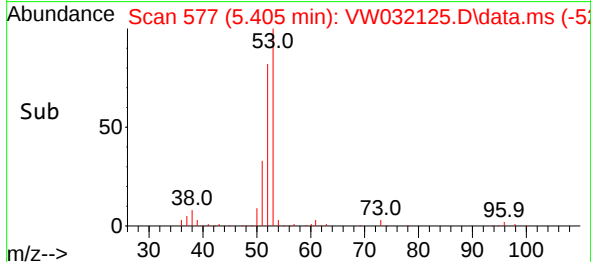
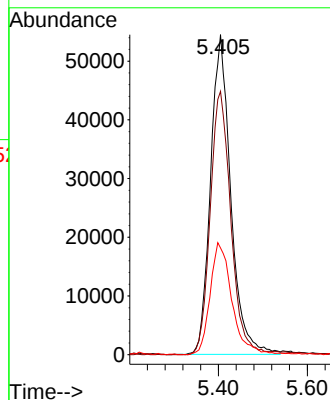
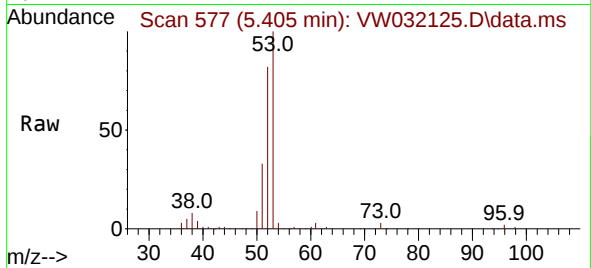




#15
Acrylonitrile
Concen: 210.714 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

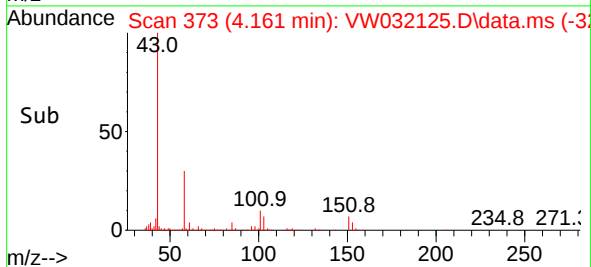
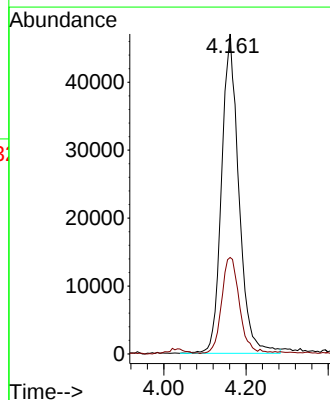
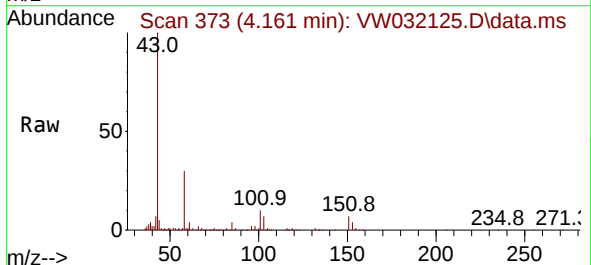
Instrument :
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ClientSampleId :
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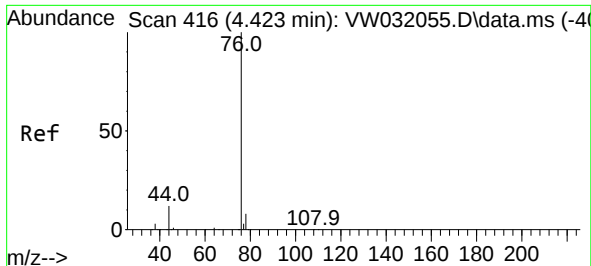
Tgt Ion: 53 Resp: 172185
Ion Ratio Lower Upper
53 100
52 84.6 66.1 99.1
51 38.0 29.2 43.8



#16
Acetone
Concen: 182.881 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 43 Resp: 137360
Ion Ratio Lower Upper
43 100
58 29.5 26.6 39.8

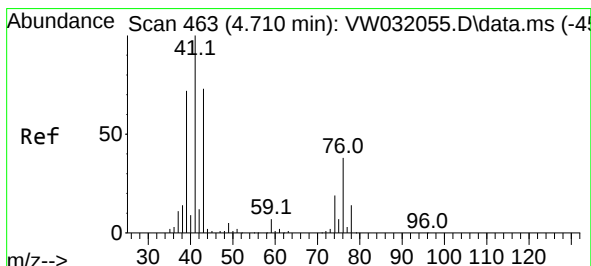
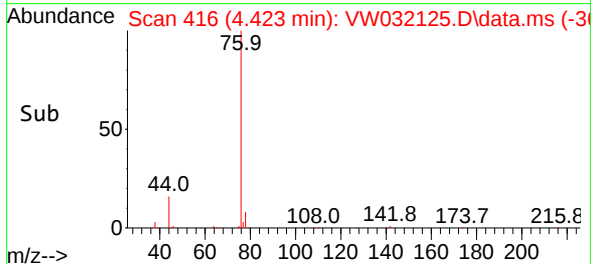
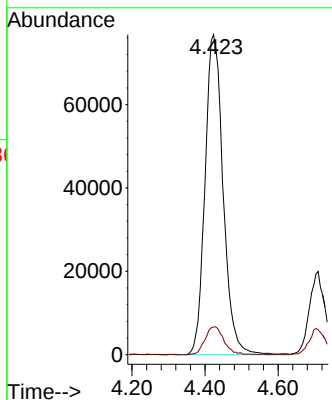
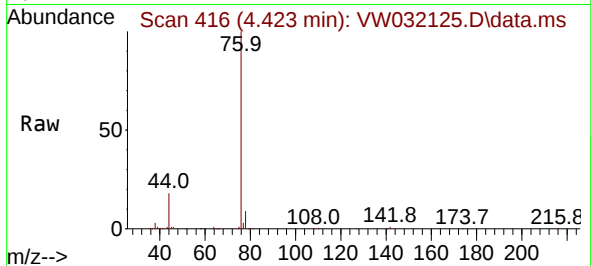




#17
Carbon Disulfide
Concen: 36.104 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

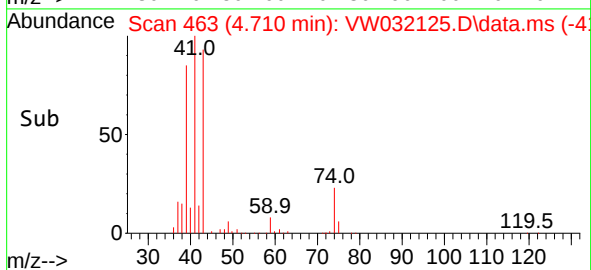
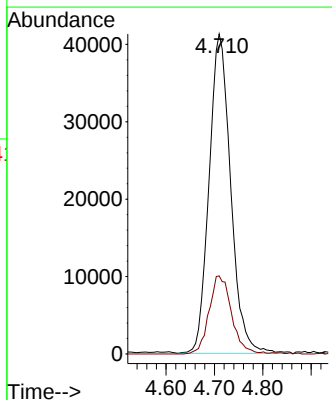
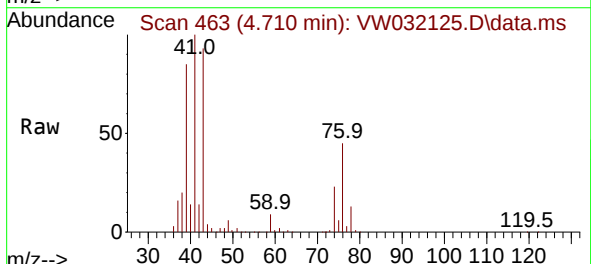
Instrument :
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ClientSampleId :
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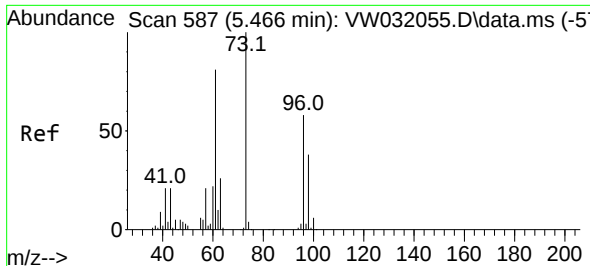
Tgt Ion: 76 Resp: 263615
Ion Ratio Lower Upper
76 100
78 8.7 6.4 9.6



#18
Methyl Acetate
Concen: 53.818 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 43 Resp: 127909
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0

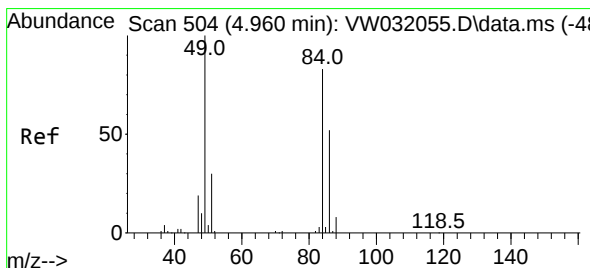
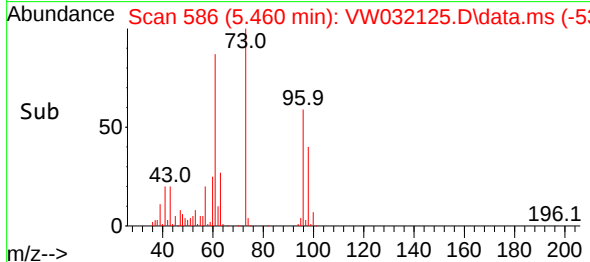
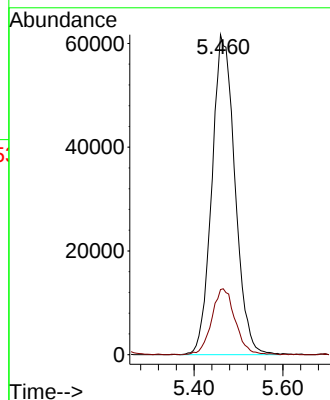
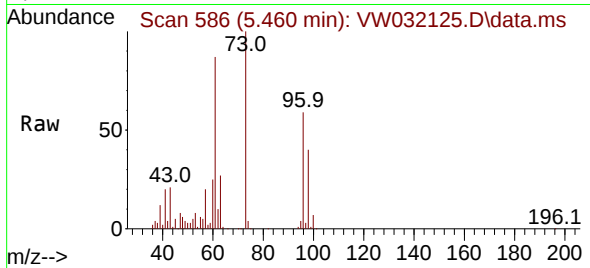




#19
Methyl tert-butyl Ether
Concen: 46.263 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

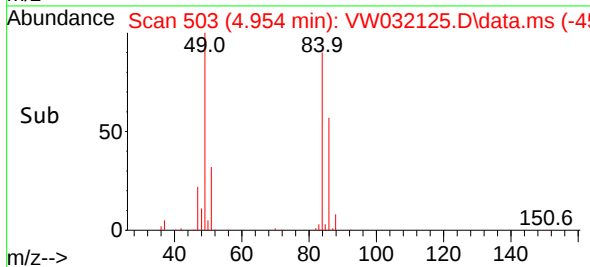
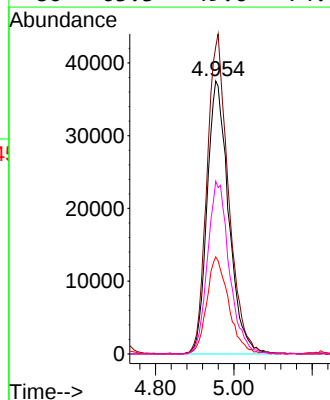
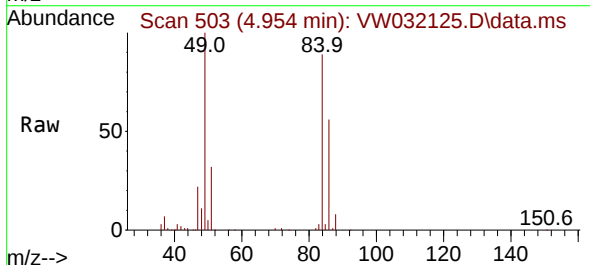
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

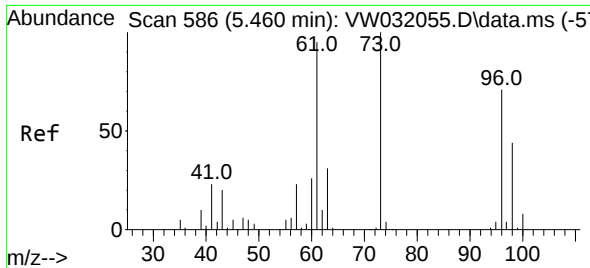
Tgt Ion: 73 Resp: 221735
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 41.295 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 84 Resp: 143407
Ion Ratio Lower Upper
84 100
49 112.4 95.9 143.9
51 35.6 28.6 43.0
86 63.3 49.6 74.4

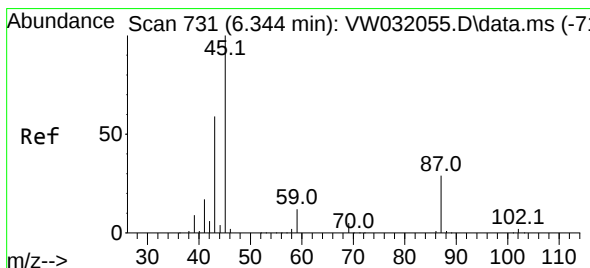
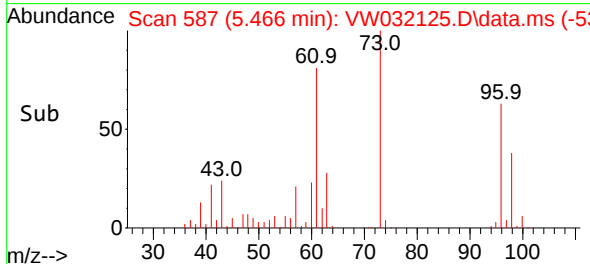
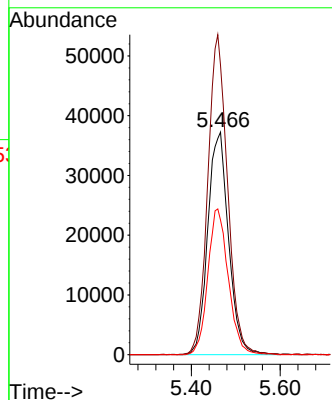
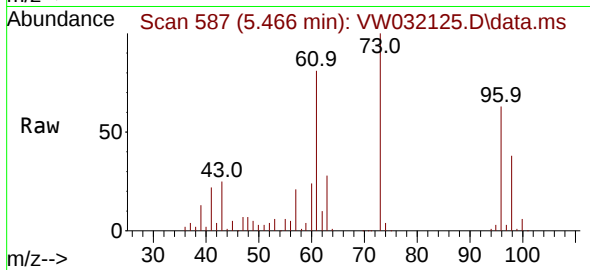




#21
trans-1,2-Dichloroethene
Concen: 41.896 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

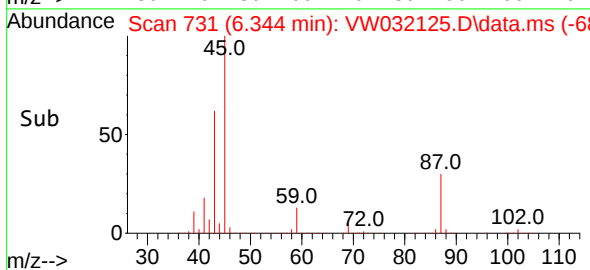
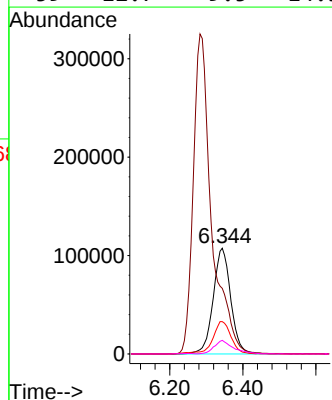
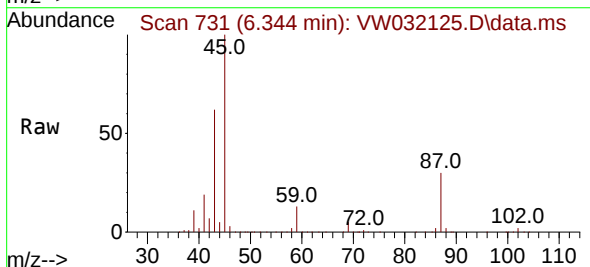
Instrument :
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ClientSampleId :
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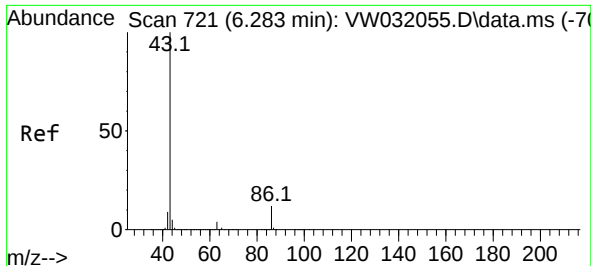
Tgt Ion: 96 Resp: 120945
Ion Ratio Lower Upper
96 100
61 129.9 106.8 160.2
98 60.5 49.6 74.4



#22
Diisopropyl ether
Concen: 43.035 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 45 Resp: 359182
Ion Ratio Lower Upper
45 100
43 61.7 47.0 70.4
87 30.4 23.8 35.8
59 12.7 9.5 14.3

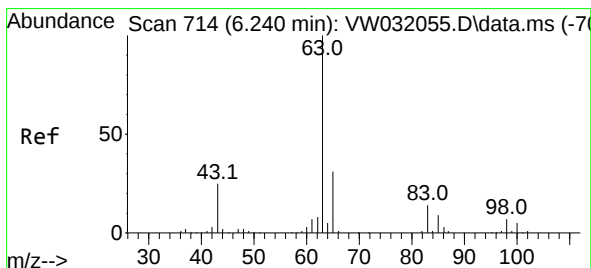
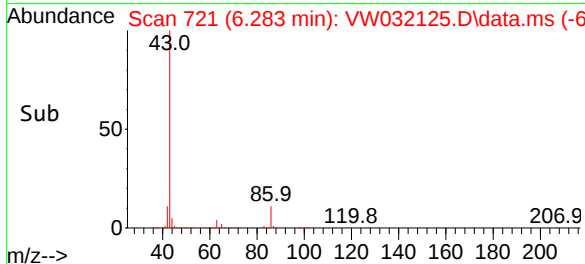
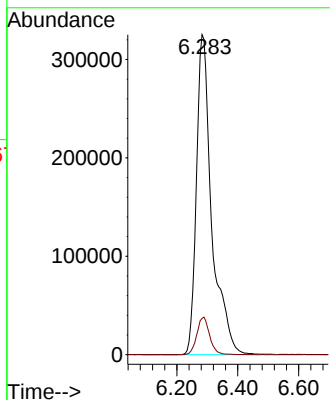
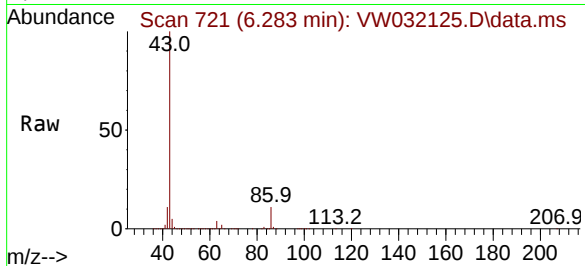




#23
 Vinyl Acetate
 Concen: 207.231 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

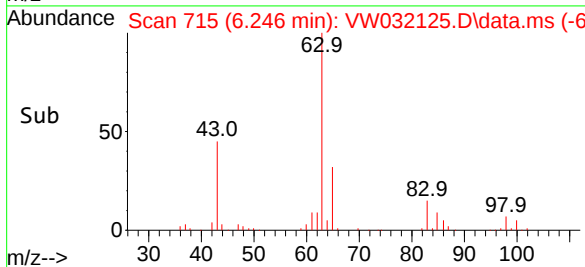
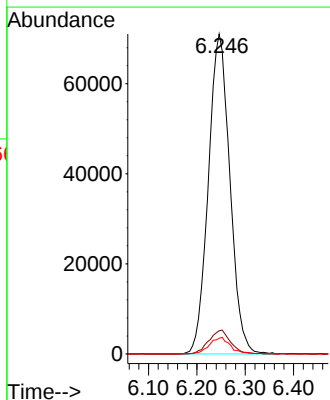
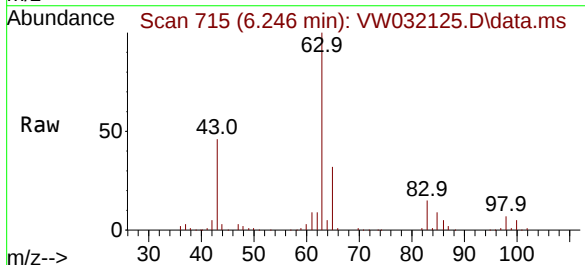
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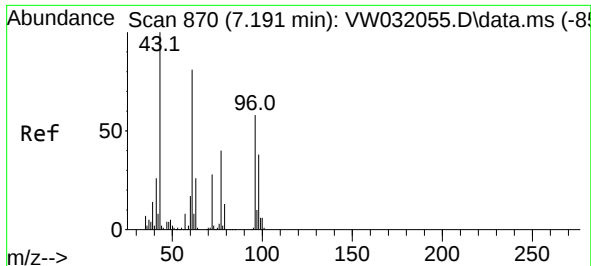
Tgt Ion: 43 Resp: 1135583
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 41.314 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

Tgt Ion: 63 Resp: 220313
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.9 2.5 7.4

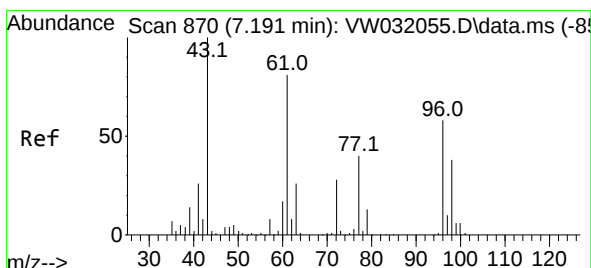
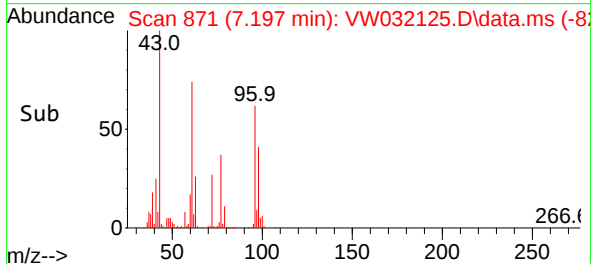
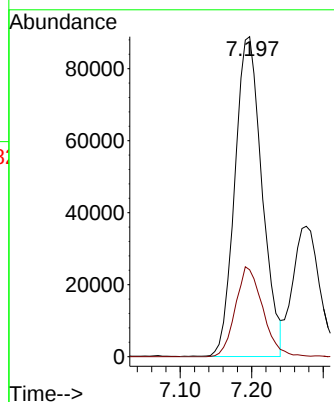
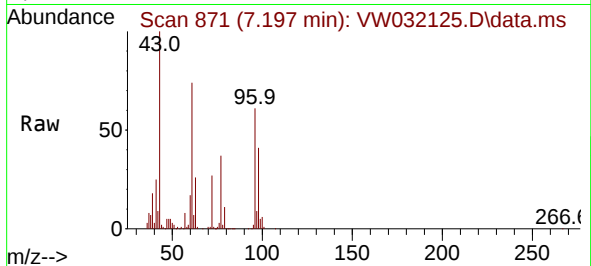




#25
2-Butanone
Concen: 219.755 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

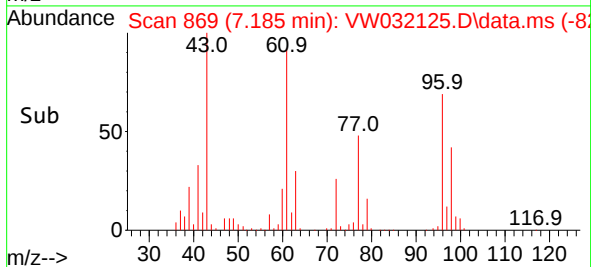
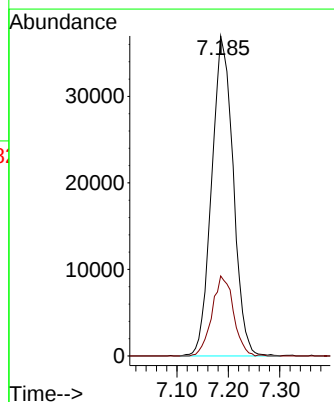
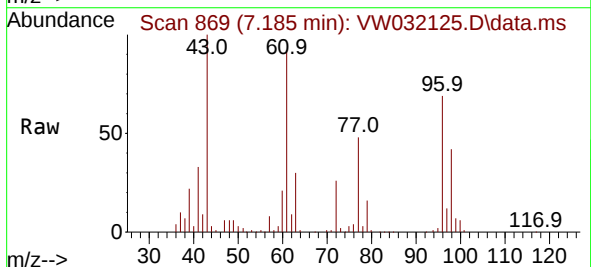
Instrument :
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ClientSampleId :
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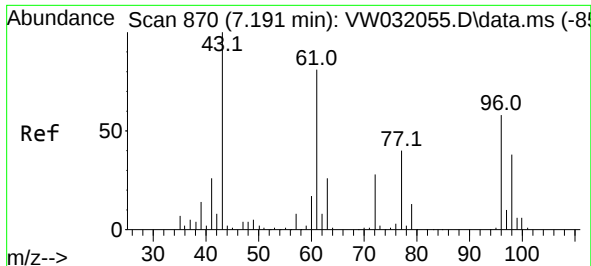
Tgt Ion: 43 Resp: 234586
Ion Ratio Lower Upper
43 100
72 27.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 40.191 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 77 Resp: 107521
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.9

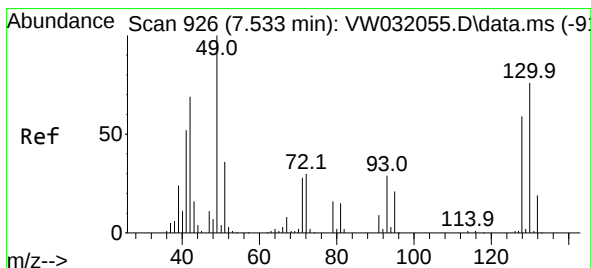
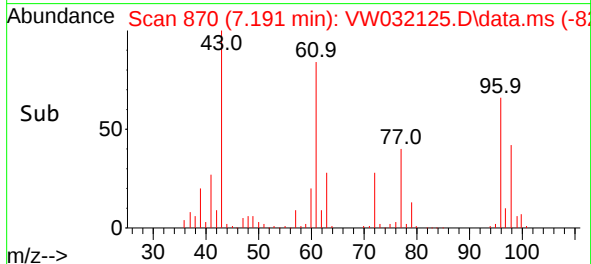
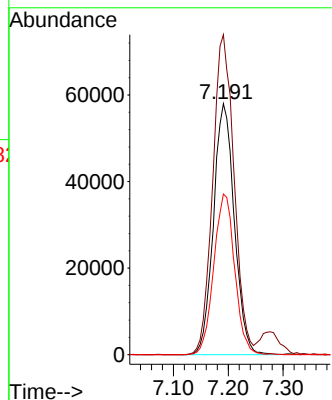
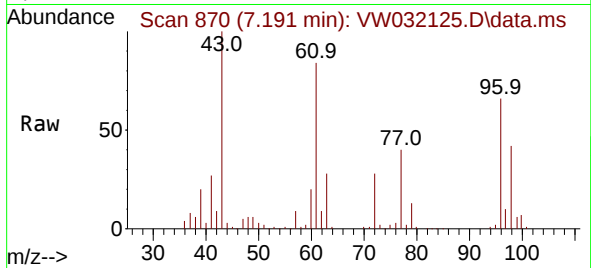




#27
 cis-1,2-Dichloroethene
 Concen: 45.429 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

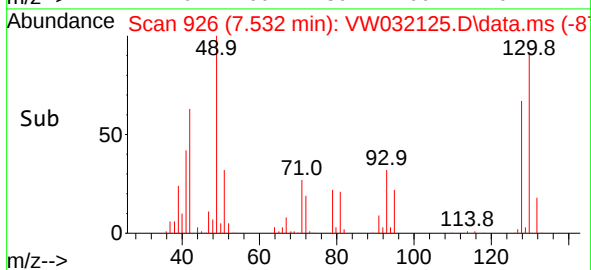
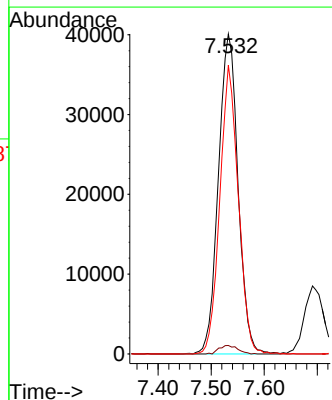
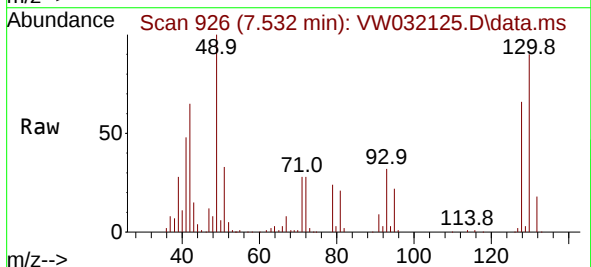
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

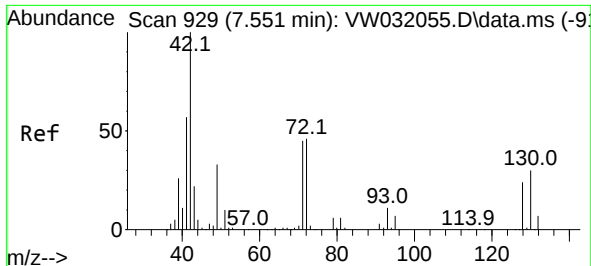
Tgt Ion: 96 Resp: 153296
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 281.2
 98 64.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 42.528 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

Tgt Ion: 49 Resp: 103202
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 84.7 61.9 92.9

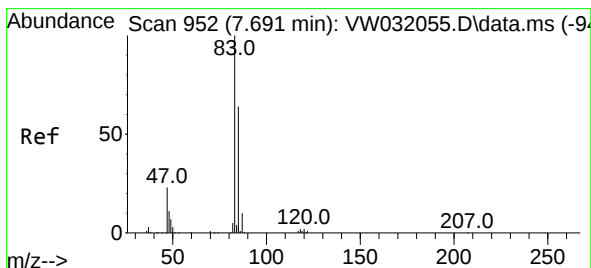
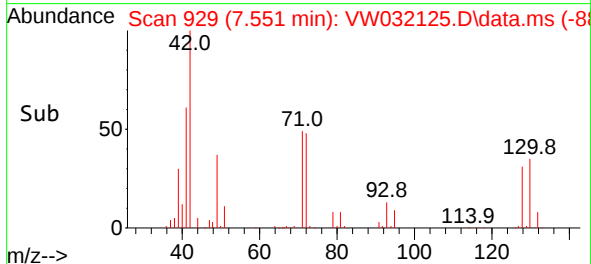
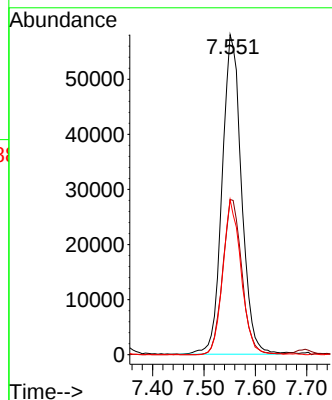
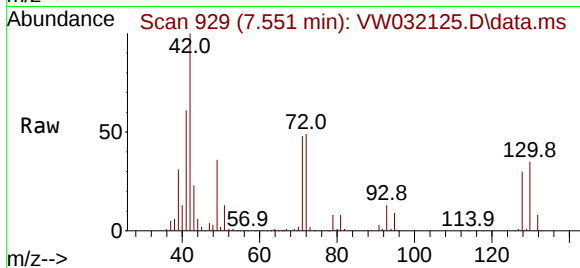




#29
Tetrahydrofuran
Concen: 215.989 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

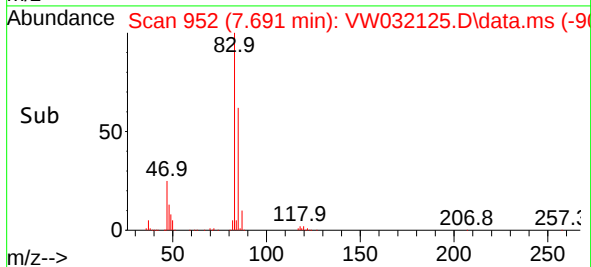
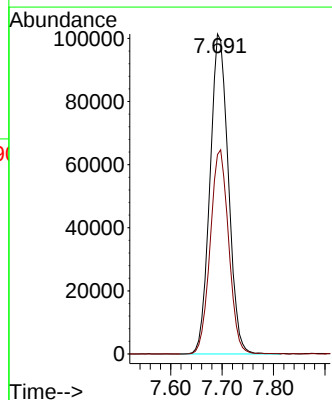
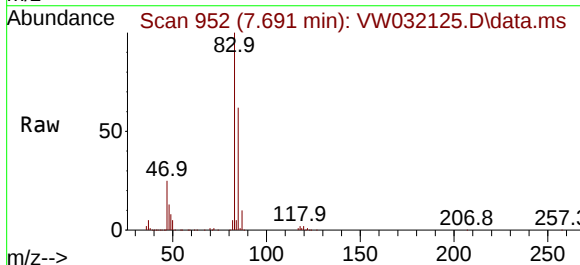
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

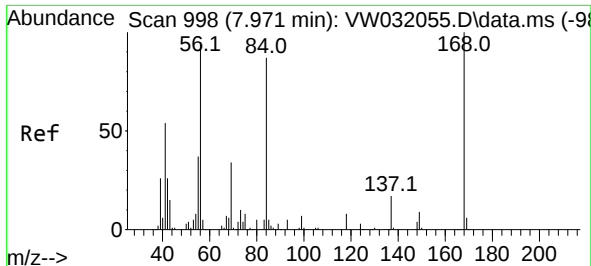
Tgt Ion: 42 Resp: 152055
Ion Ratio Lower Upper
42 100
72 48.0 36.6 55.0
71 46.0 34.7 52.1



#30
Chloroform
Concen: 44.499 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 83 Resp: 251568
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.4

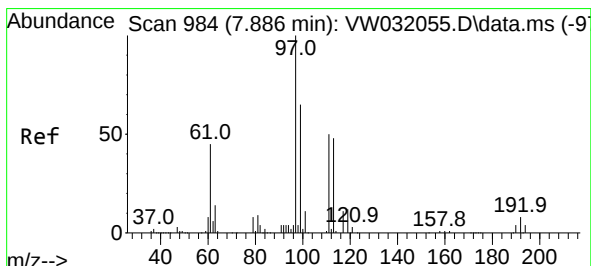
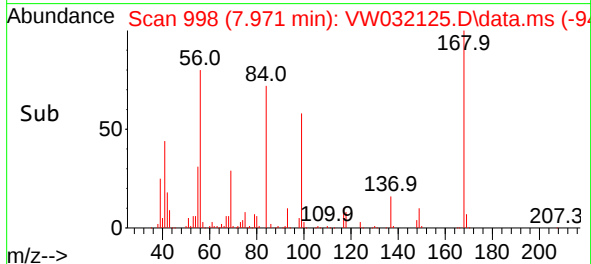
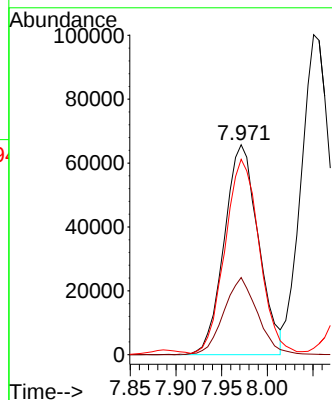
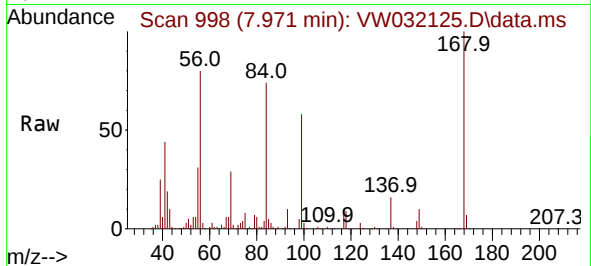




#31
Cyclohexane
Concen: 37.096 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

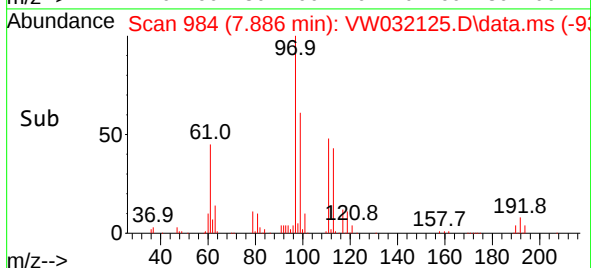
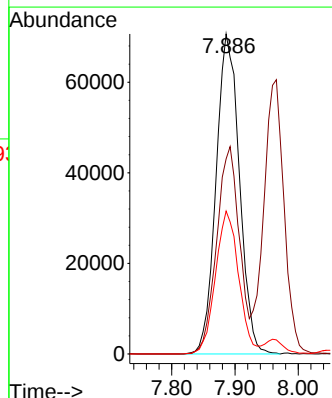
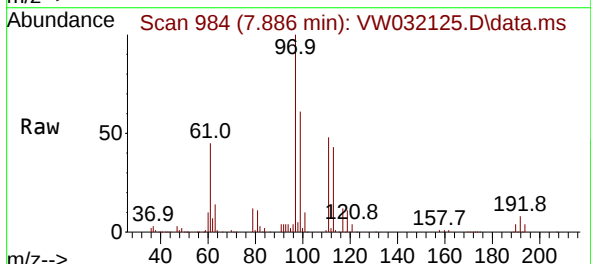
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

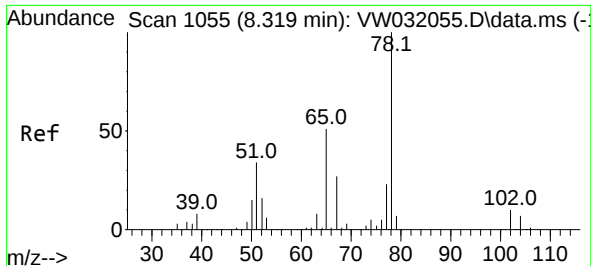
Tgt Ion: 56 Resp: 171500
Ion Ratio Lower Upper
56 100
69 36.5 28.6 42.8
84 91.7 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 44.038 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 97 Resp: 180836
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.8
61 44.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.567 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

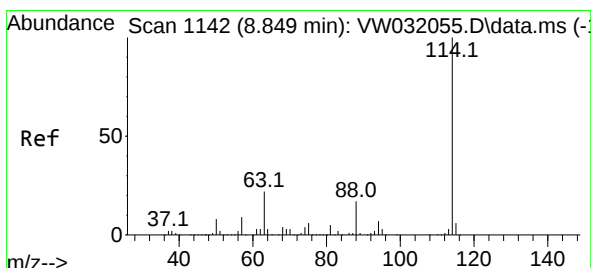
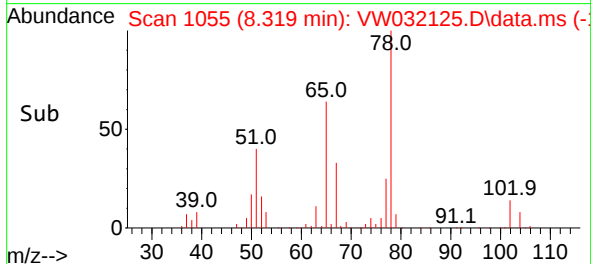
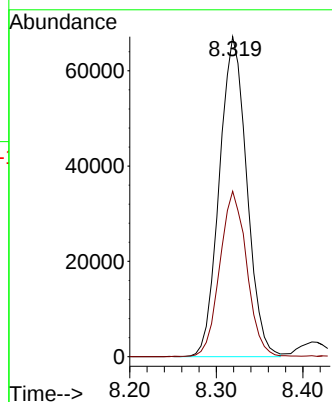
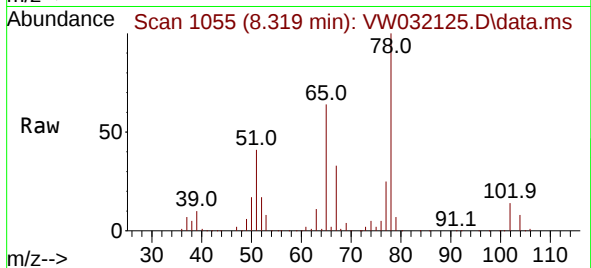
VSTDCCC050EC

Tgt Ion: 65 Resp: 147822

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

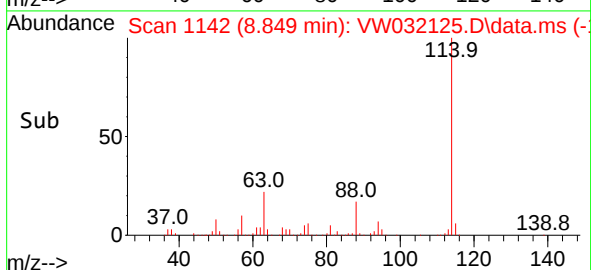
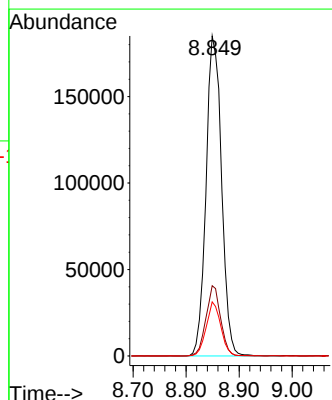
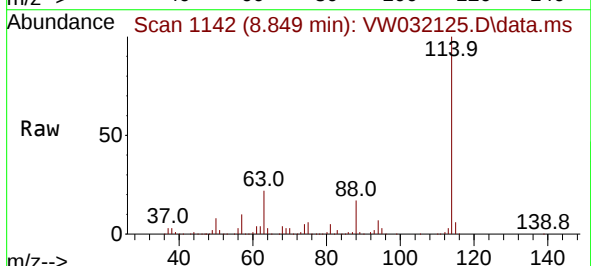
Tgt Ion: 114 Resp: 375815

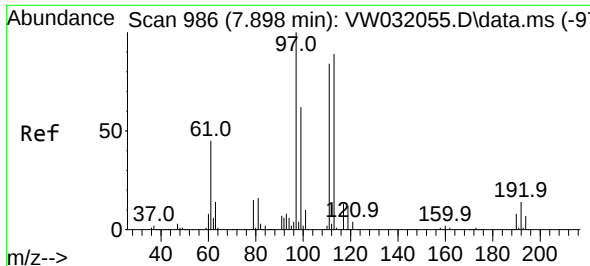
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 16.9 0.0 33.8

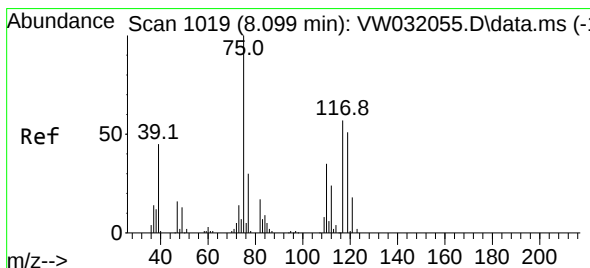
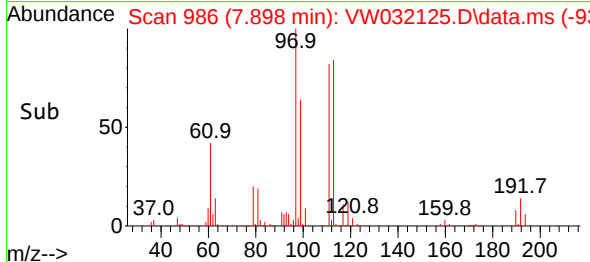
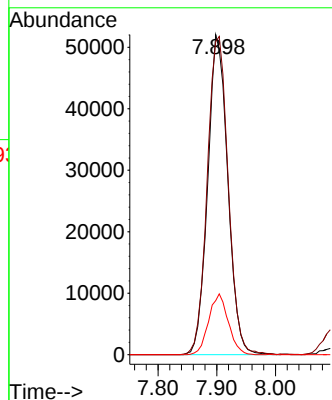
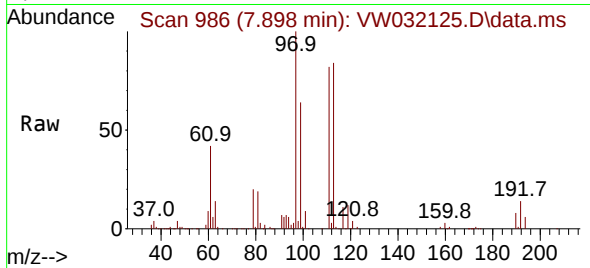




#35
Dibromofluoromethane
Concen: 50.965 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

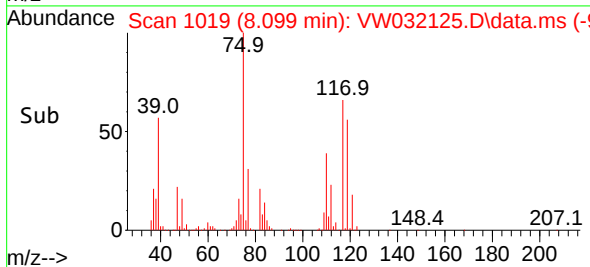
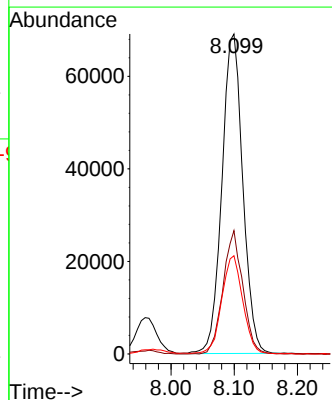
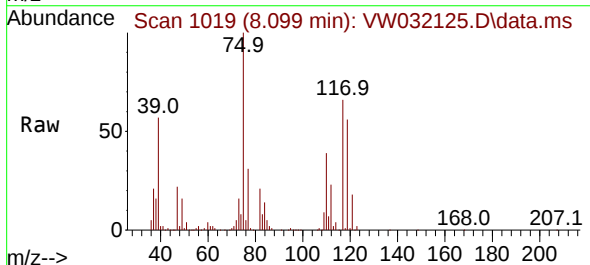
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

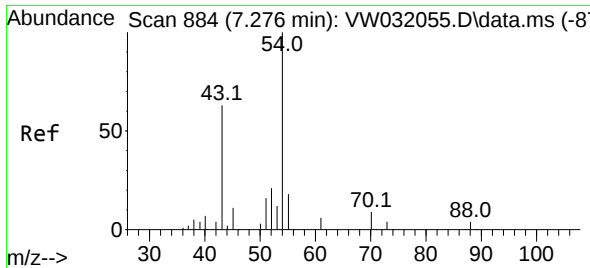
Tgt Ion:113 Resp: 123738
Ion Ratio Lower Upper
113 100
111 103.7 80.1 120.1
192 18.5 13.1 19.7



#36
1,1-Dichloropropene
Concen: 46.169 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 75 Resp: 158024
Ion Ratio Lower Upper
75 100
110 36.7 17.4 52.2
77 30.9 24.7 37.1

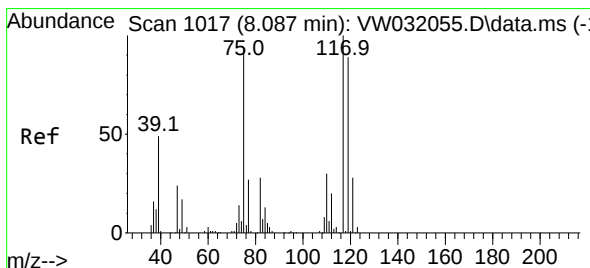
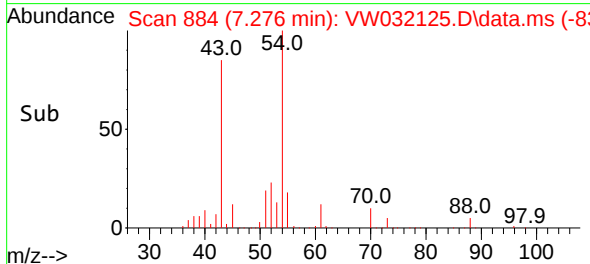
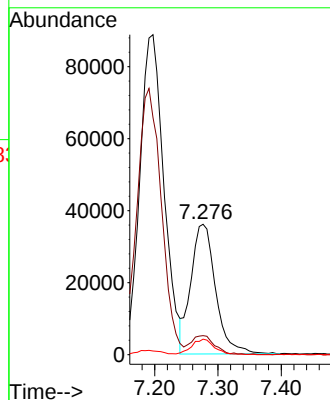
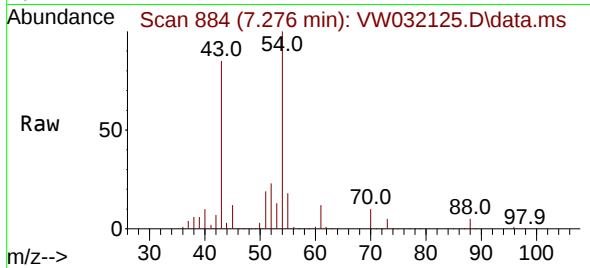




#37
Ethyl Acetate
Concen: 48.569 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

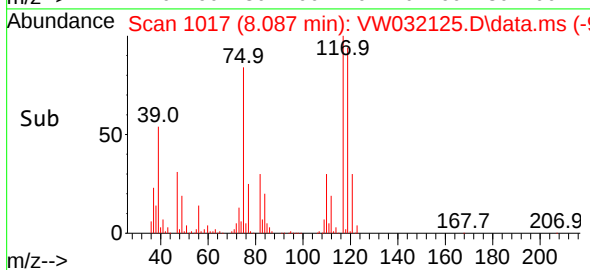
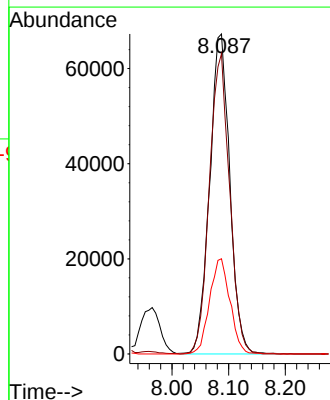
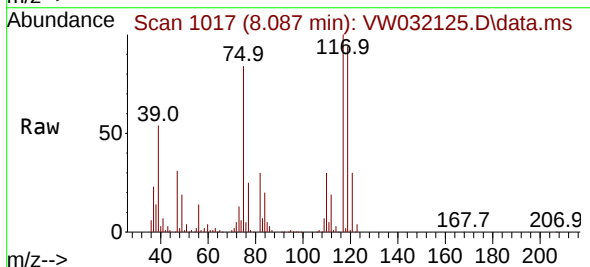
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

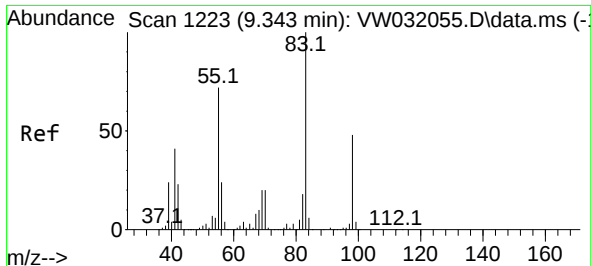
Tgt Ion:	43	Resp:	97907
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.6
70	11.0	9.4	14.0



#38
Carbon Tetrachloride
Concen: 50.120 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:	117	Resp:	165550
Ion	Ratio	Lower	Upper
117	100		
119	93.8	71.4	107.2
121	29.8	22.3	33.5





#39

Methylcyclohexane

Concen: 46.294 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

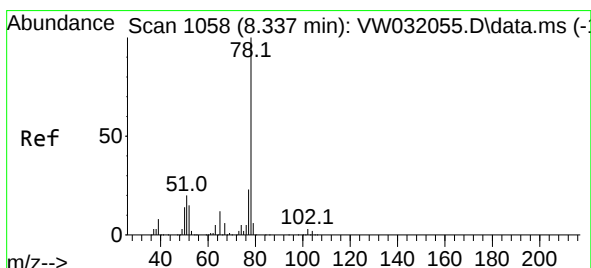
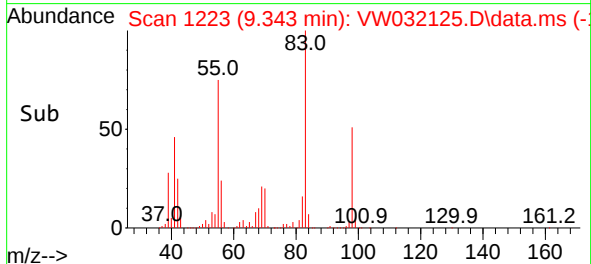
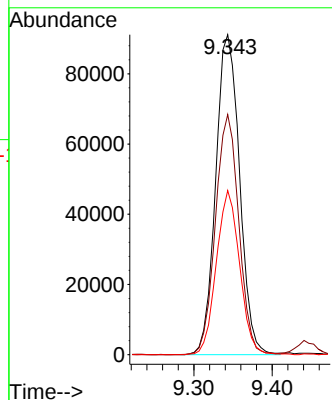
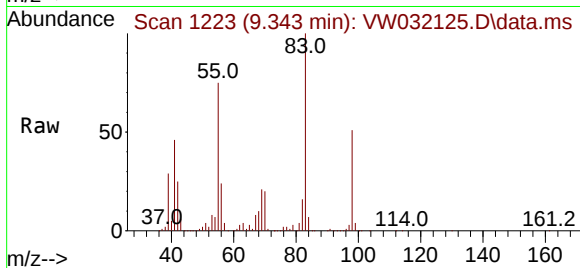
Tgt Ion: 83 Resp: 193128

Ion Ratio Lower Upper

83 100

55 75.0 57.9 86.9

98 51.3 38.3 57.5



#40

Benzene

Concen: 47.543 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032125.D

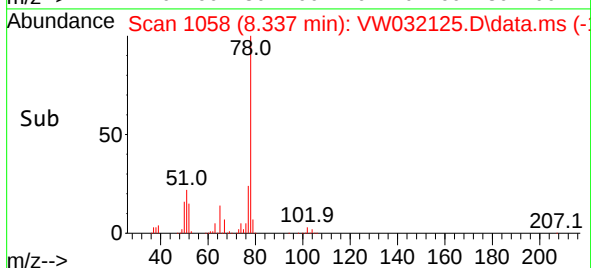
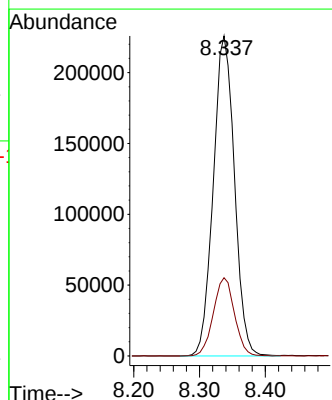
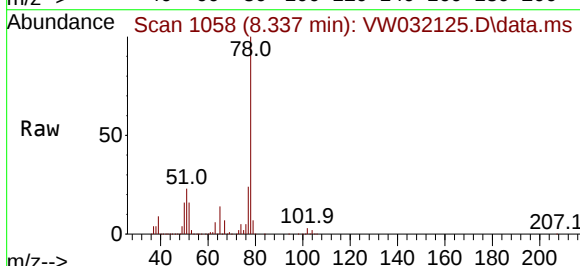
Acq: 22 Aug 2025 20:30

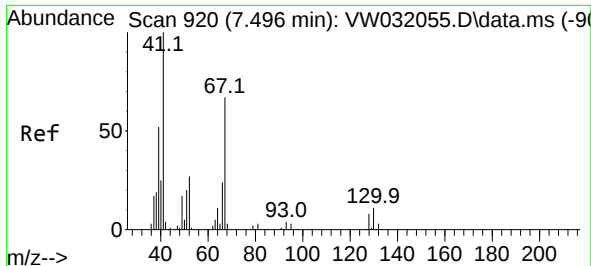
Tgt Ion: 78 Resp: 505813

Ion Ratio Lower Upper

78 100

77 24.5 18.4 27.6



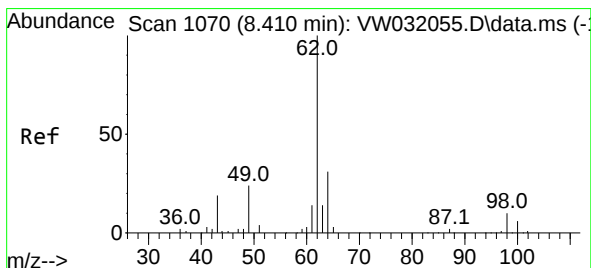
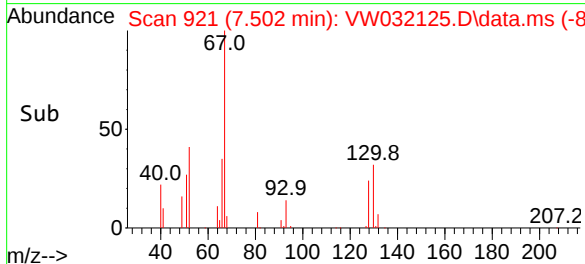
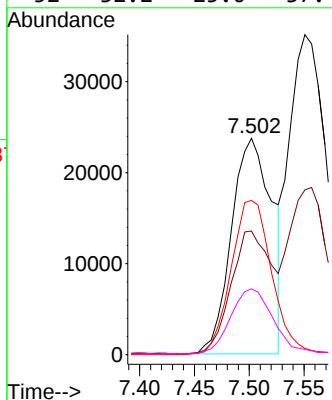
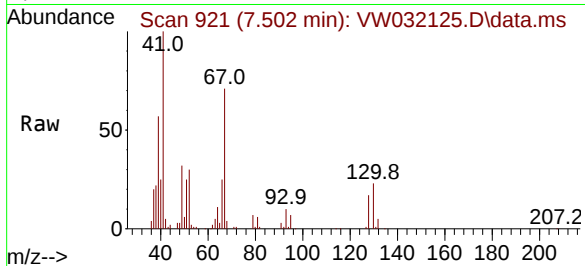


#41
Methacrylonitrile
Concen: 53.363 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 61003

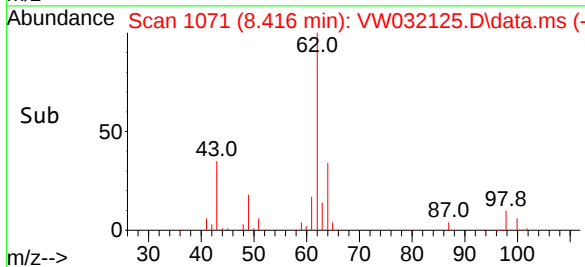
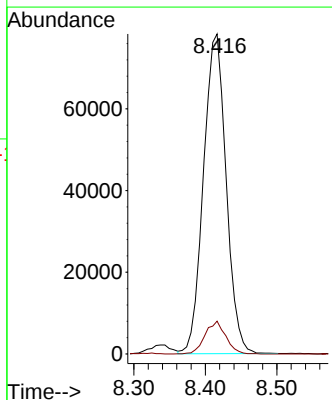
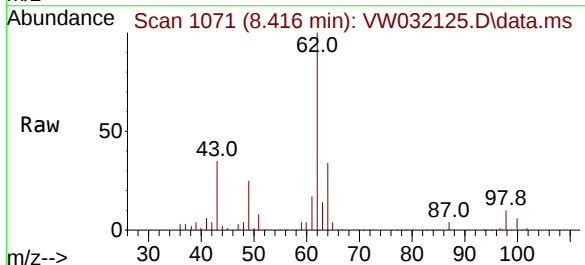
Ion	Ratio	Lower	Upper
41	100		
39	57.7	42.6	63.8
67	72.5	61.0	91.4
52	32.2	25.0	37.4

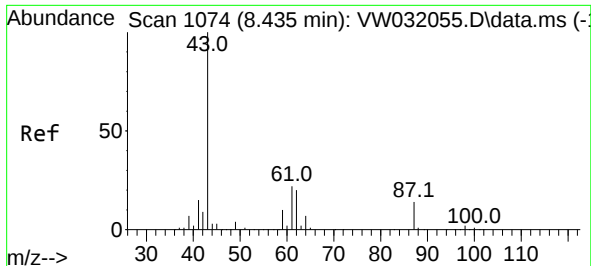


#42
1,2-Dichloroethane
Concen: 50.610 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 62 Resp: 172298

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

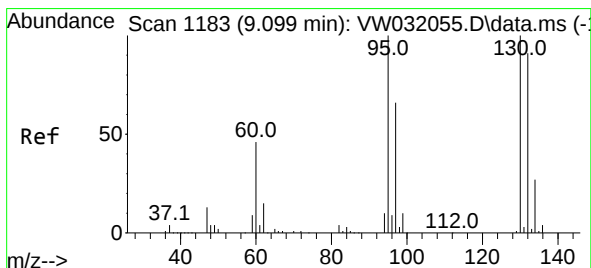
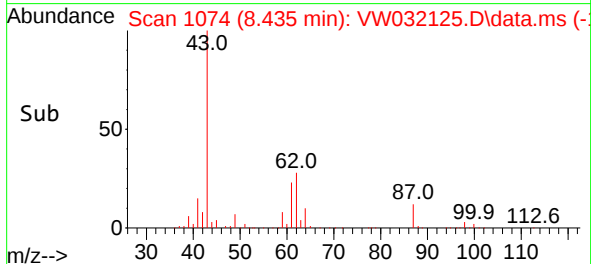
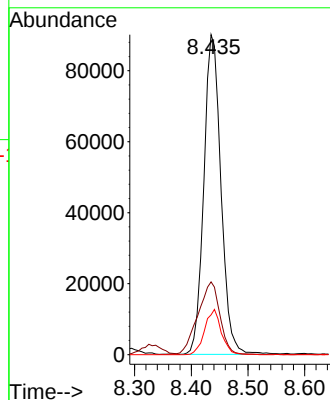
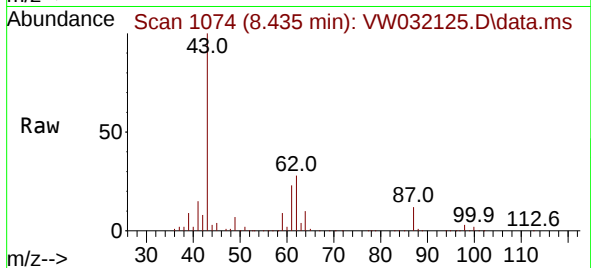




#43
Isopropyl Acetate
Concen: 50.977 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

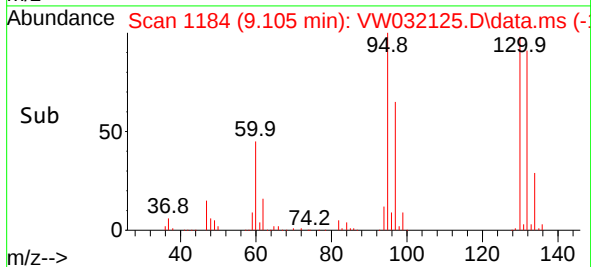
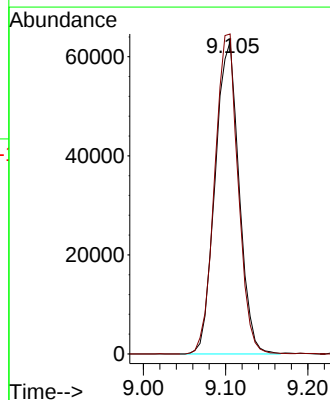
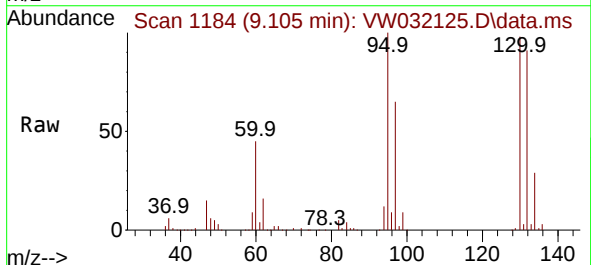
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

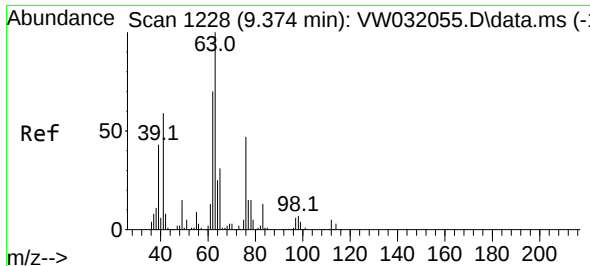
Tgt Ion: 43 Resp: 189062
Ion Ratio Lower Upper
43 100
61 29.1 23.8 35.8
87 13.8 11.7 17.5



#44
Trichloroethene
Concen: 50.297 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:130 Resp: 127434
Ion Ratio Lower Upper
130 100
95 102.4 0.0 200.6





#45

1,2-Dichloropropane

Concen: 47.929 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

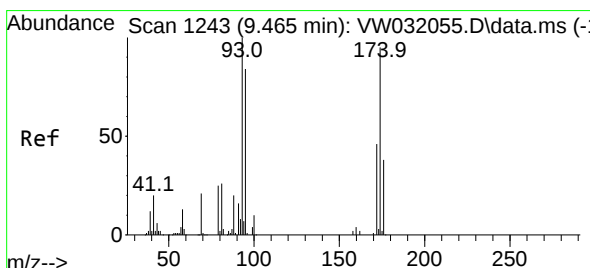
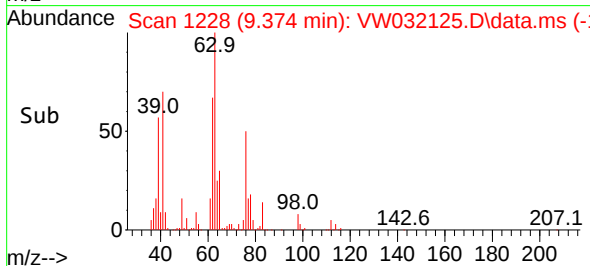
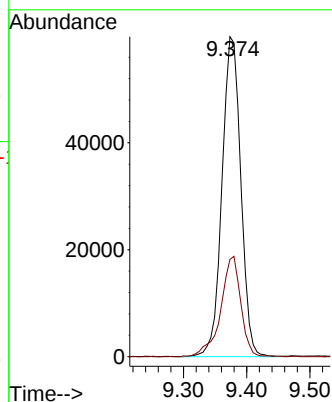
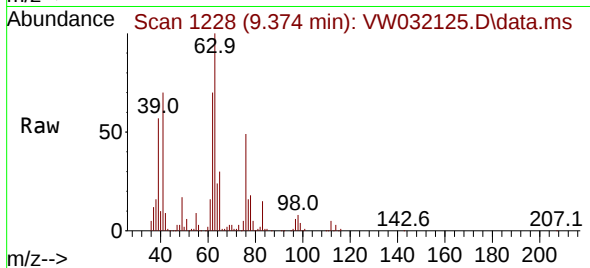
VSTDCCC050EC

Tgt Ion: 63 Resp: 123191

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 51.741 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

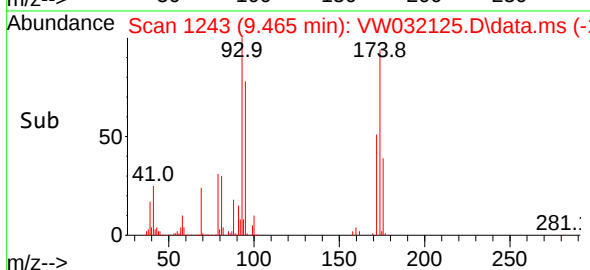
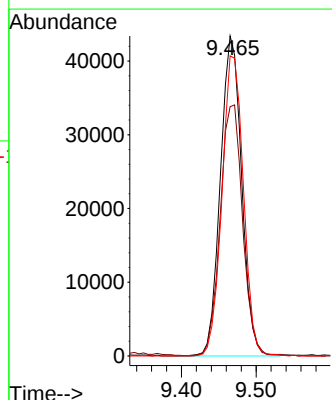
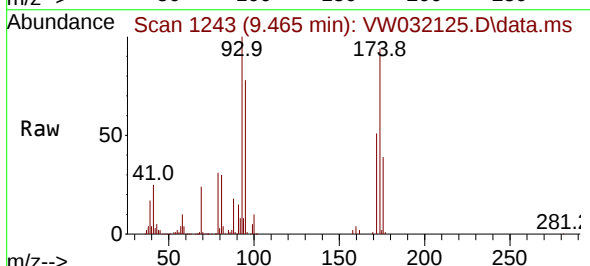
Tgt Ion: 93 Resp: 85832

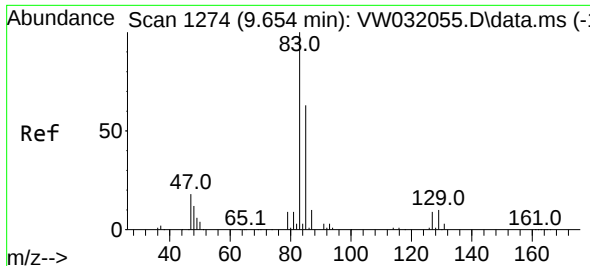
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

174 94.4 68.6 102.8

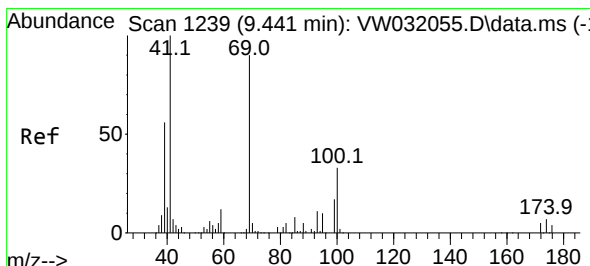
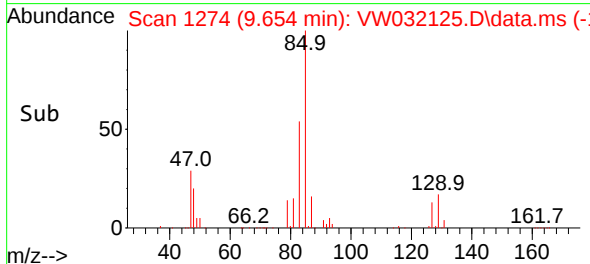
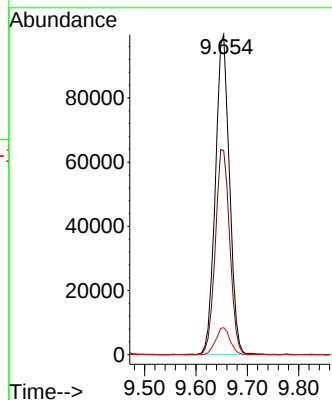
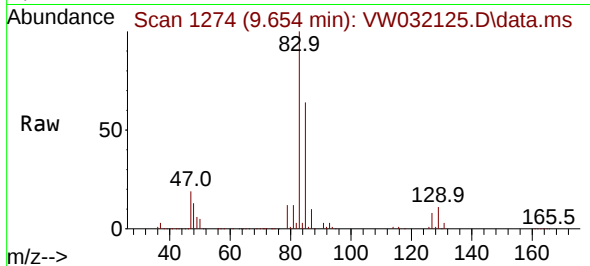




#47
Bromodichloromethane
Concen: 49.731 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

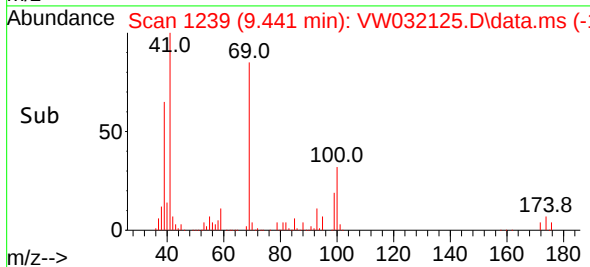
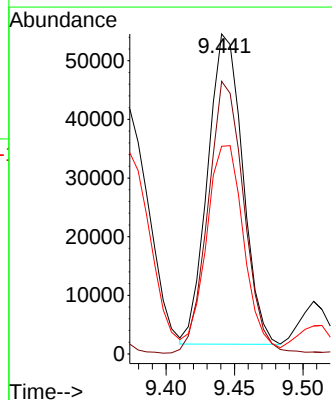
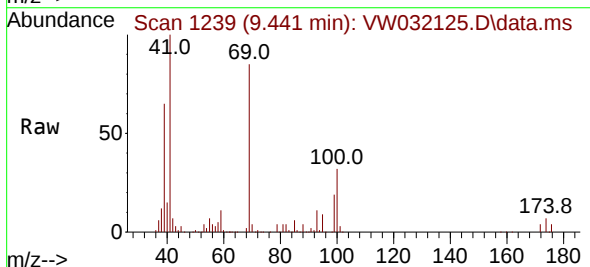
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

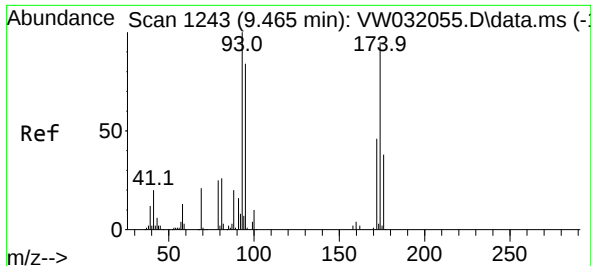
Tgt Ion: 83 Resp: 190097
Ion Ratio Lower Upper
83 100
85 63.8 50.6 75.8
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 52.527 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 41 Resp: 94048
Ion Ratio Lower Upper
41 100
69 89.9 73.0 109.6
39 72.0 45.0 67.4#

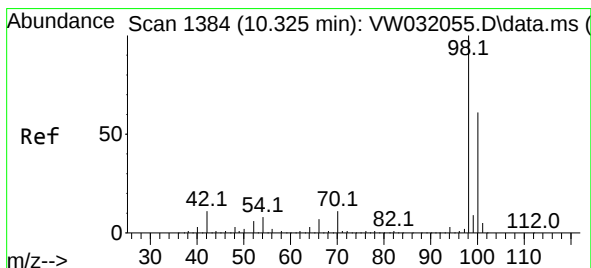
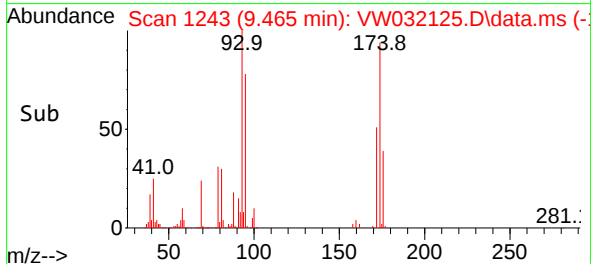
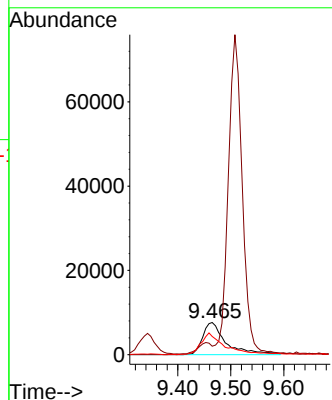
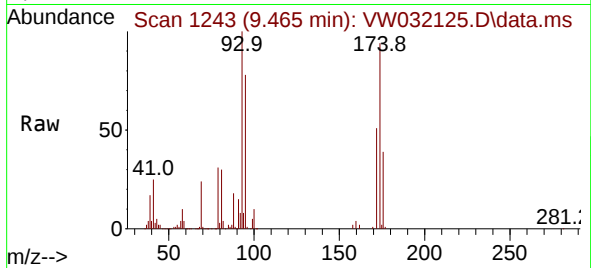




#49
1,4-Dioxane
Concen: 1095.175 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

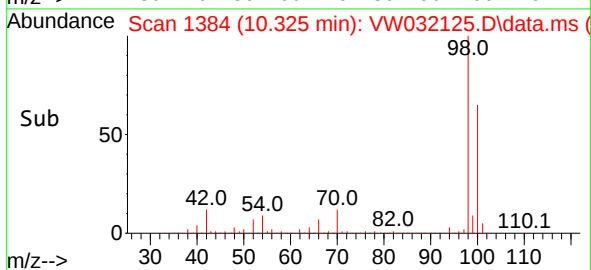
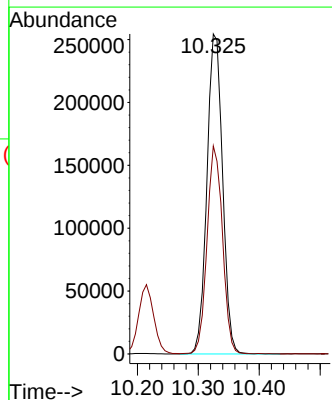
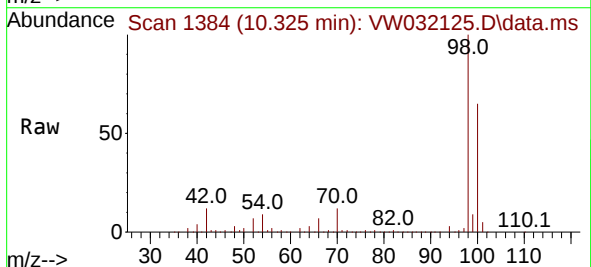
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

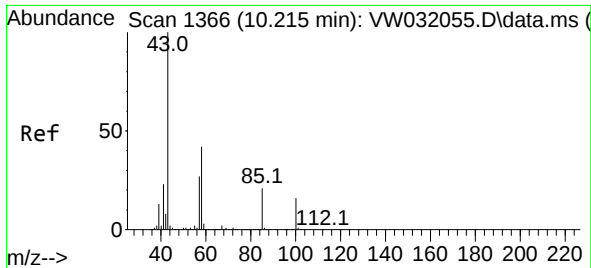
Tgt Ion: 88 Resp: 23490
Ion Ratio Lower Upper
88 100
43 21.0 20.6 30.8
58 70.0 60.4 90.6



#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 98 Resp: 453302
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7

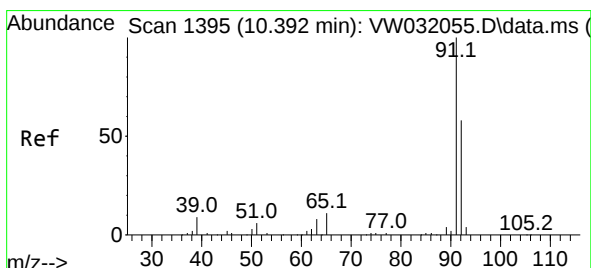
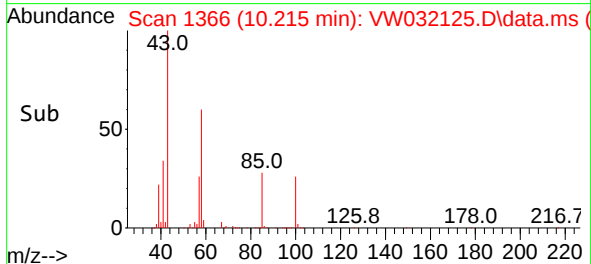
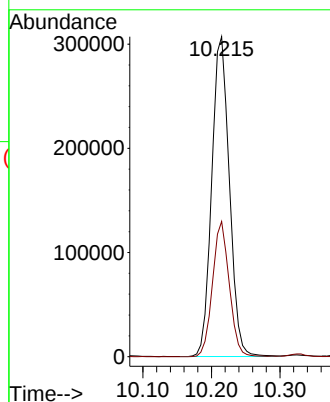
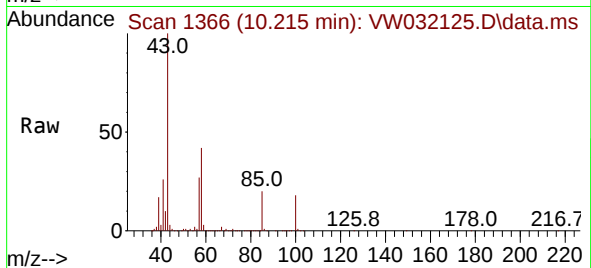




#51
4-Methyl-2-Pentanone
Concen: 261.667 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

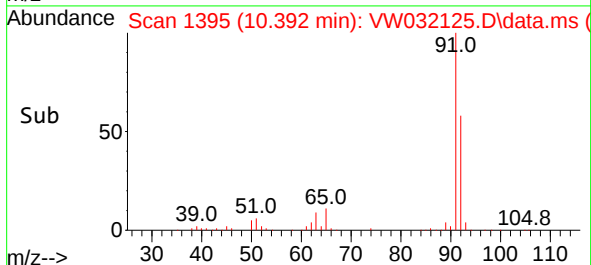
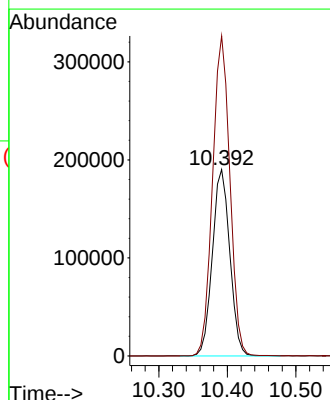
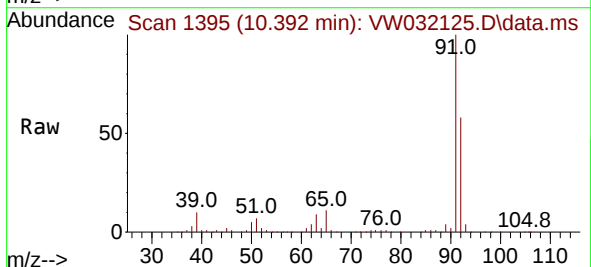
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

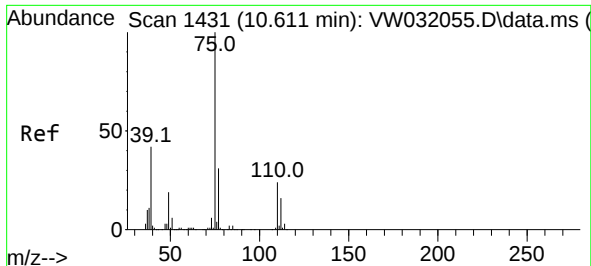
Tgt Ion: 43 Resp: 547763
Ion Ratio Lower Upper
43 100
58 40.1 33.1 49.7



#52
Toluene
Concen: 50.096 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 92 Resp: 335709
Ion Ratio Lower Upper
92 100
91 170.6 136.3 204.5

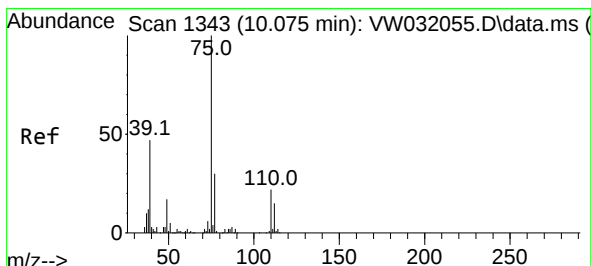
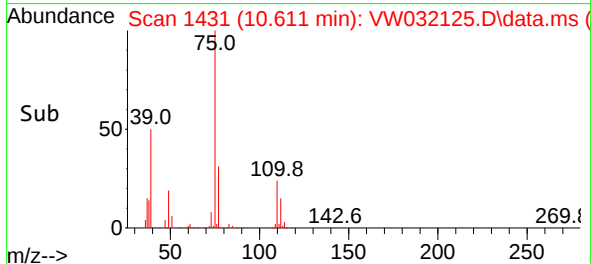
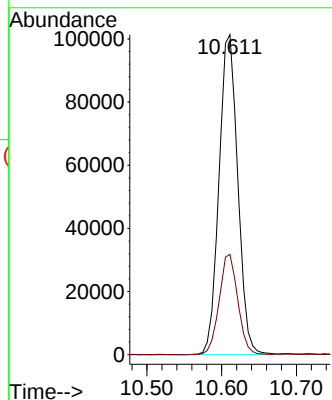
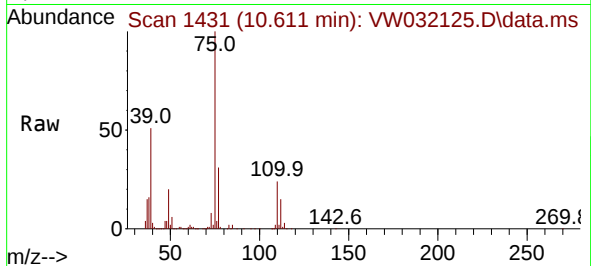




#53
t-1,3-Dichloropropene
Concen: 49.608 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

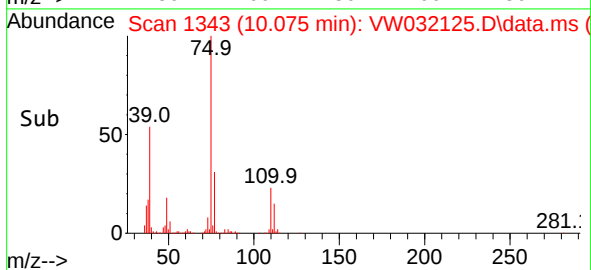
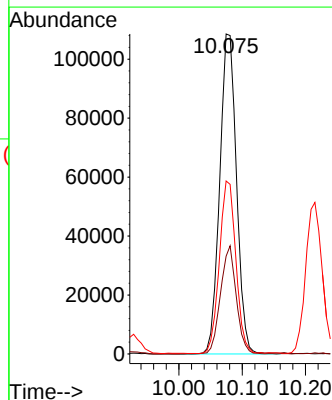
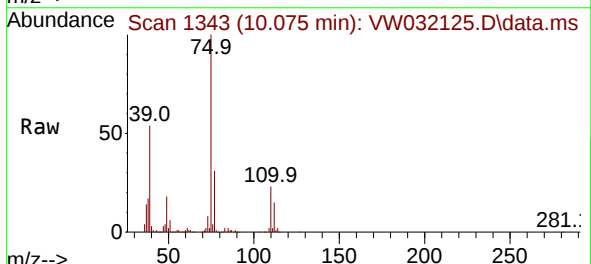
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

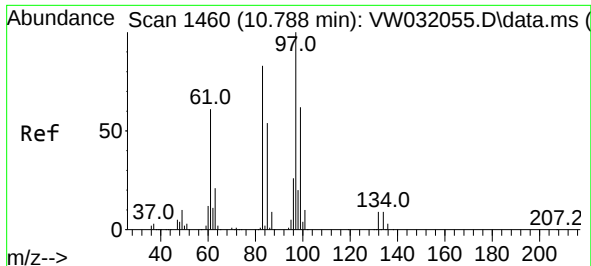
Tgt Ion: 75 Resp: 177654
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.017 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 75 Resp: 199147
Ion Ratio Lower Upper
75 100
77 30.6 24.0 36.0
39 53.8 37.8 56.8

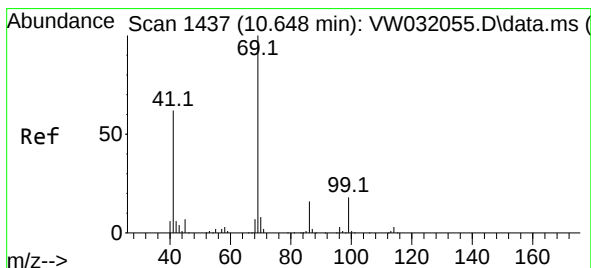
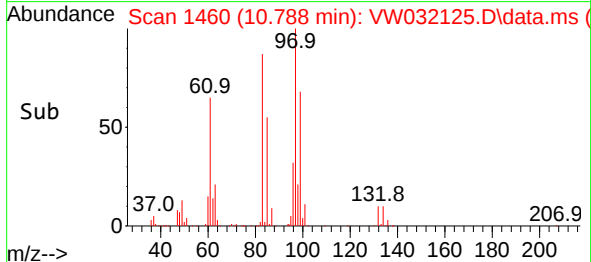
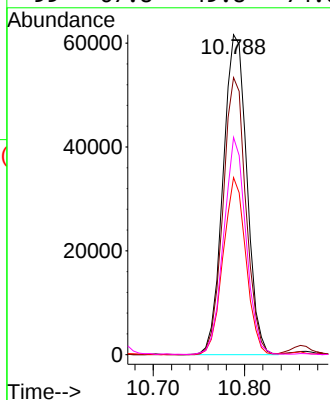
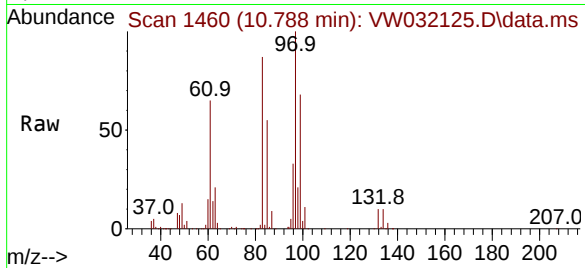




#55
1,1,2-Trichloroethane
Concen: 50.587 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

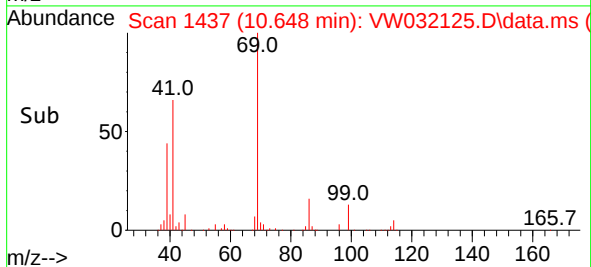
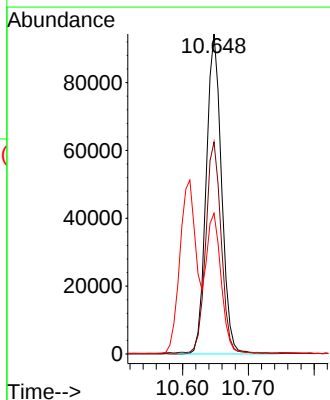
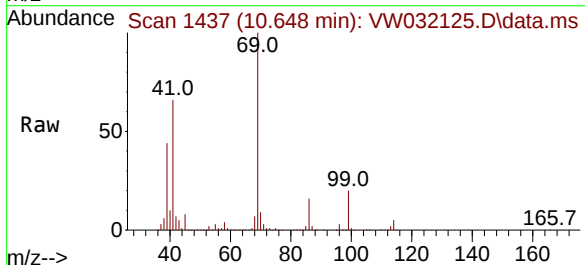
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

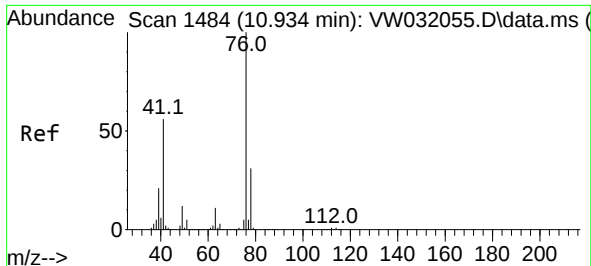
Tgt Ion:	97	Resp:	111513
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.4	99.6
85	55.4	43.1	64.7
99	67.8	49.8	74.6



#56
Ethyl methacrylate
Concen: 51.825 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:	69	Resp:	152877
Ion	Ratio	Lower	Upper
69	100		
41	67.0	51.2	76.8
39	41.5	25.4	38.0





#57

1,3-Dichloropropane

Concen: 49.353 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

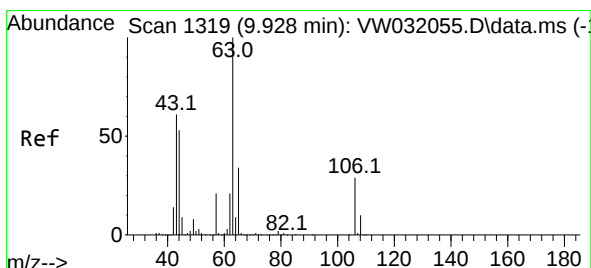
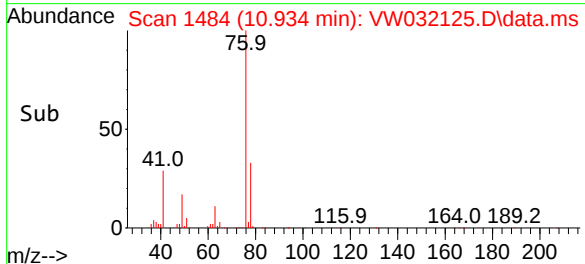
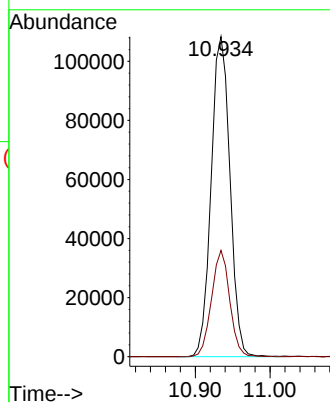
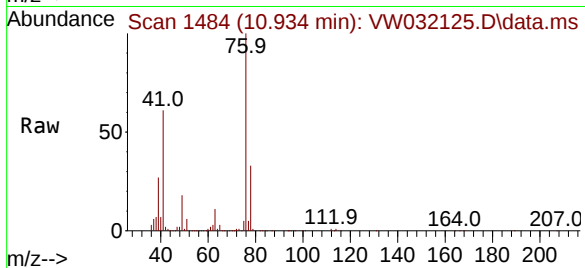
VSTDCCC050EC

Tgt Ion: 76 Resp: 189633

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.401 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032125.D

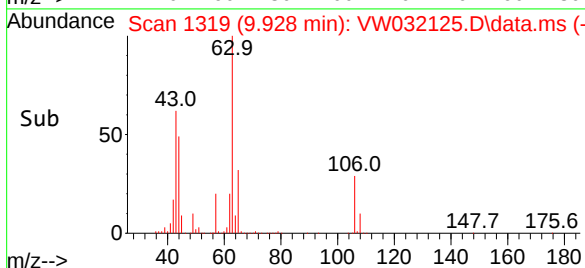
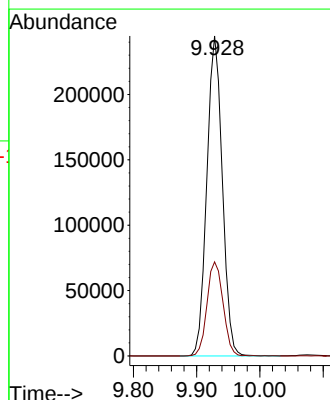
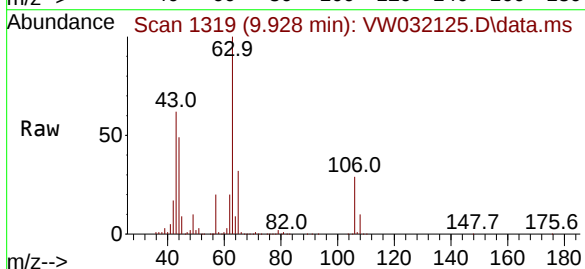
Acq: 22 Aug 2025 20:30

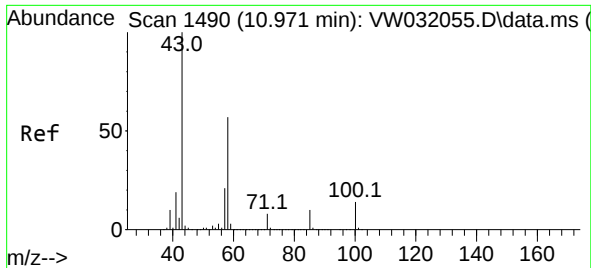
Tgt Ion: 63 Resp: 416725

Ion Ratio Lower Upper

63 100

106 30.5 23.5 35.3

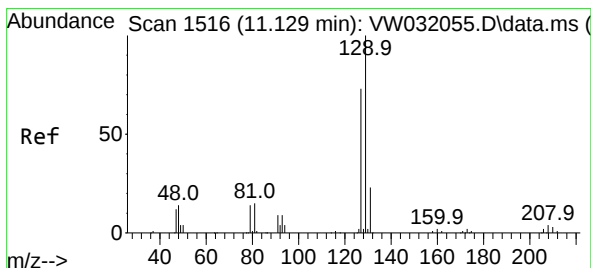
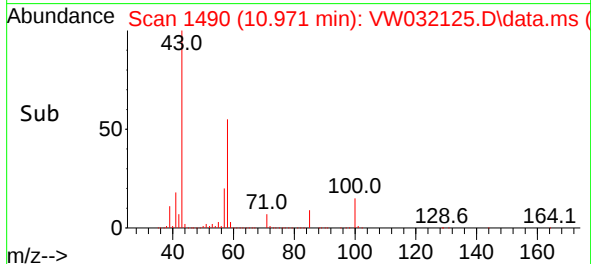
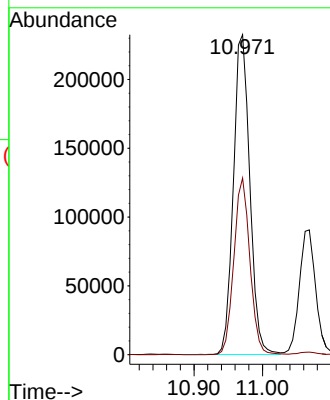
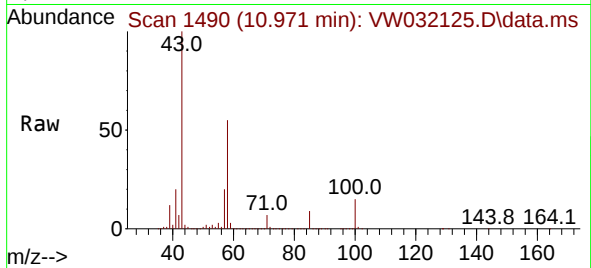




#59
2-Hexanone
Concen: 266.352 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

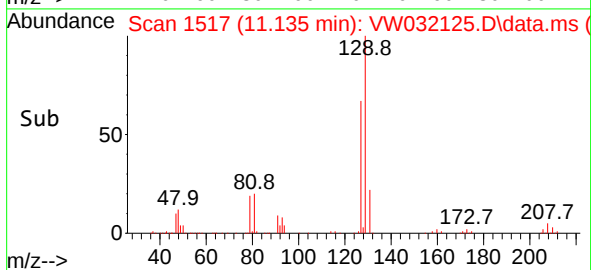
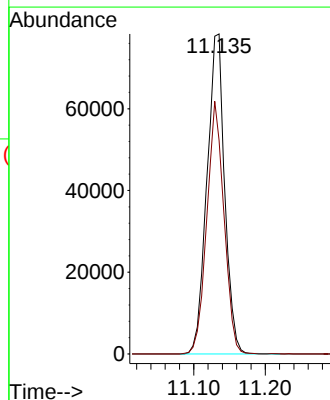
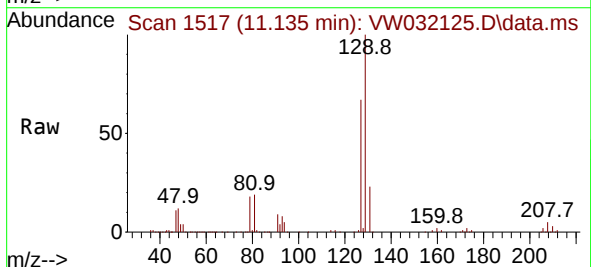
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

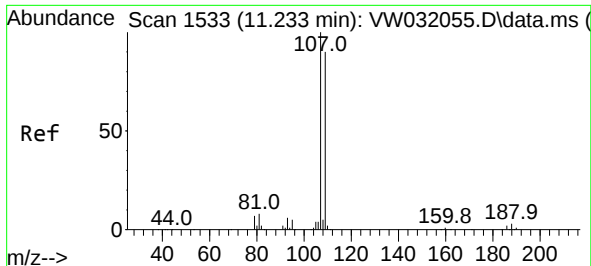
Tgt Ion: 43 Resp: 386153
Ion Ratio Lower Upper
43 100
58 54.1 28.3 85.0



#60
Dibromochloromethane
Concen: 53.522 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 129 Resp: 134773
Ion Ratio Lower Upper
129 100
127 76.4 39.0 116.9

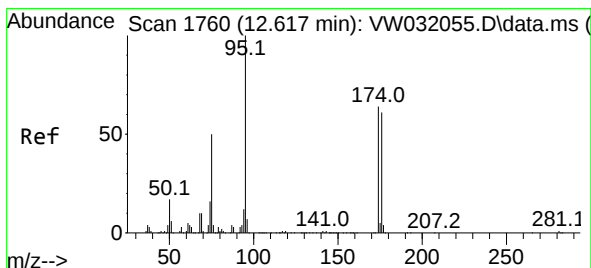
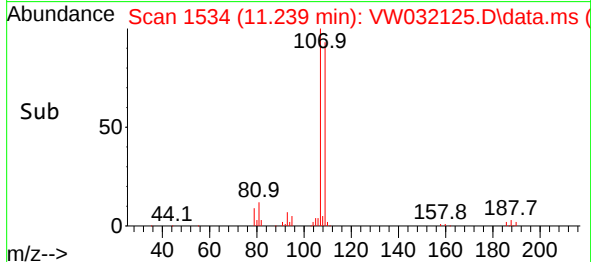
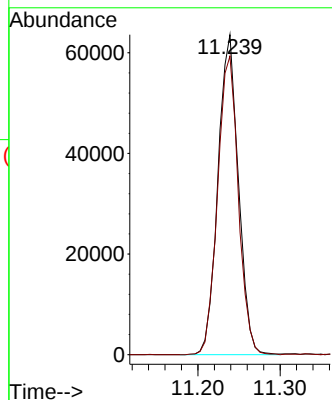
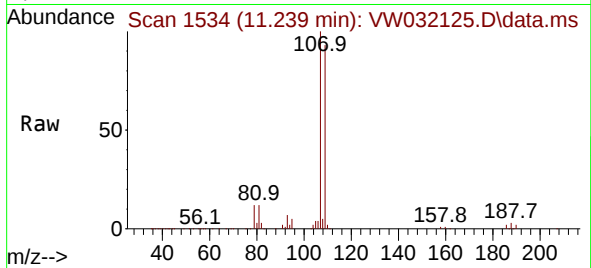




#61
1,2-Dibromoethane
Concen: 51.241 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

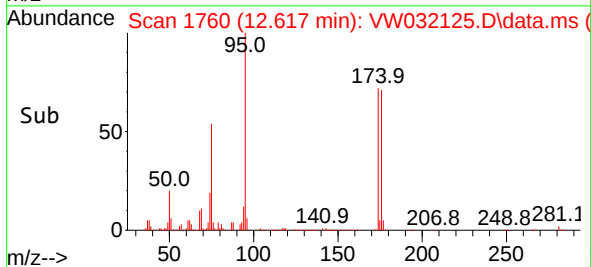
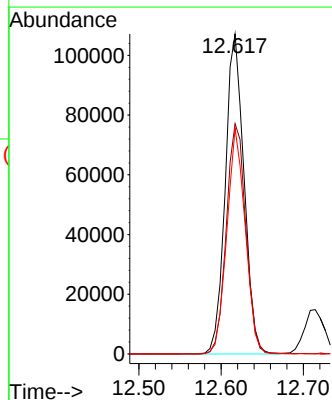
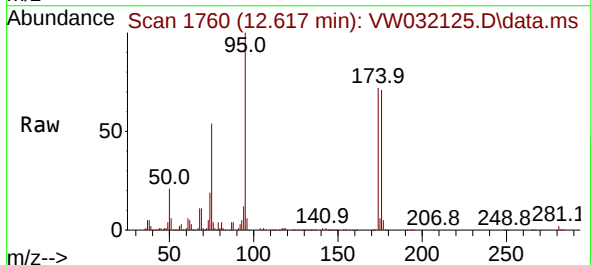
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

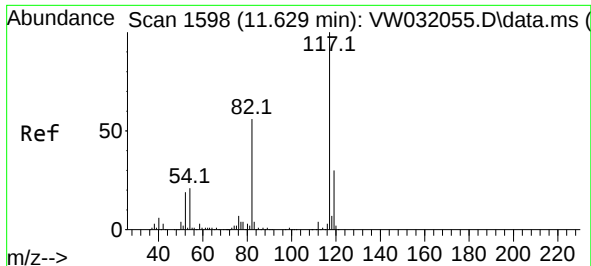
Tgt Ion:107 Resp: 109767
Ion Ratio Lower Upper
107 100
109 94.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.242 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 95 Resp: 169576
Ion Ratio Lower Upper
95 100
174 75.2 0.0 129.0
176 69.4 0.0 124.6

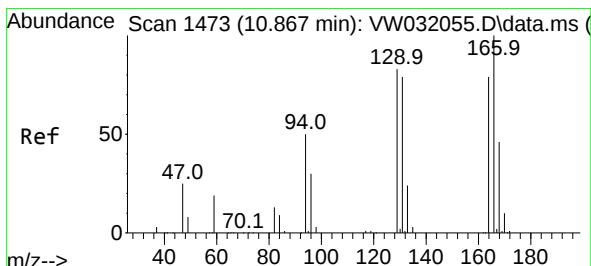
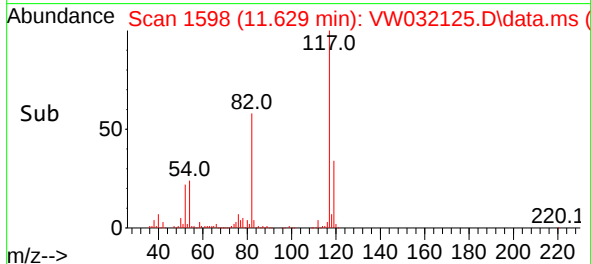
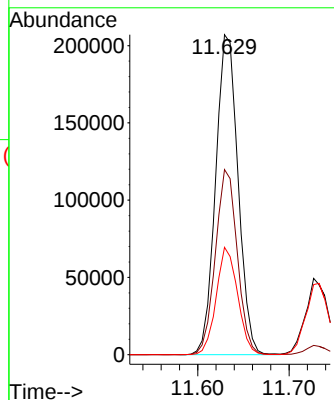
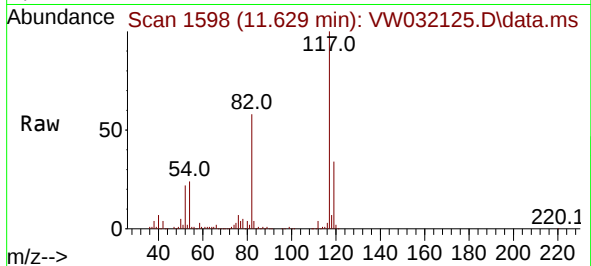




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

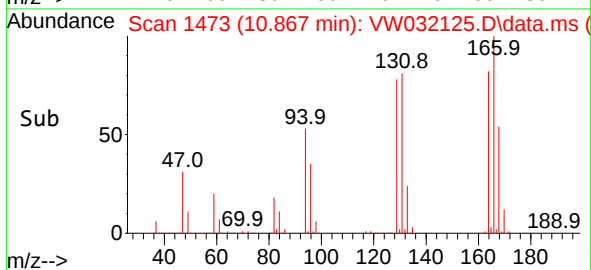
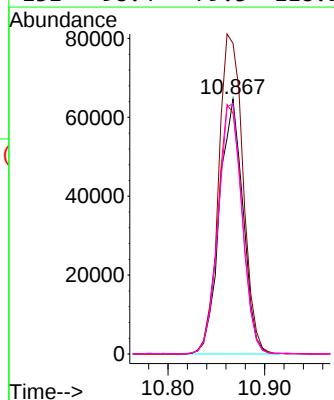
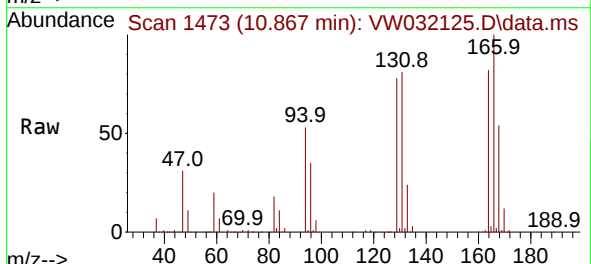
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

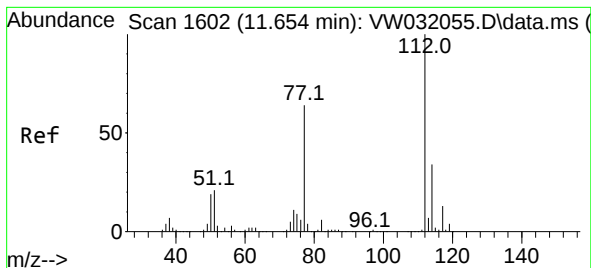
Tgt Ion:117 Resp: 353352
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 33.5 24.2 36.4



#64
Tetrachloroethene
Concen: 53.563 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:164 Resp: 109321
Ion Ratio Lower Upper
164 100
166 121.9 100.9 151.3
129 94.6 83.6 125.4
131 98.4 79.3 118.9





#65

Chlorobenzene

Concen: 49.021 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

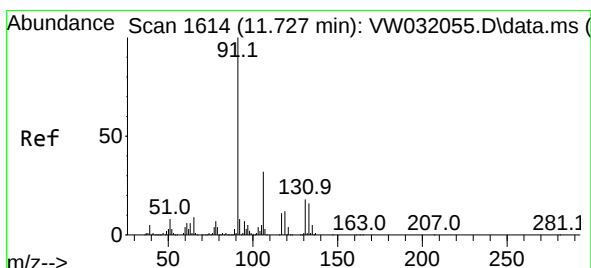
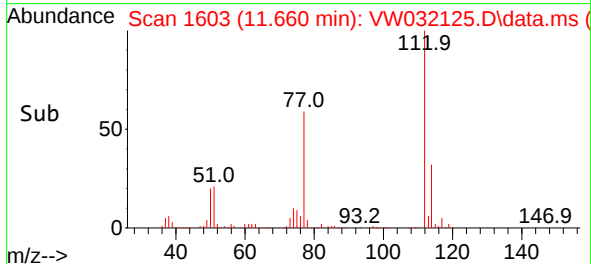
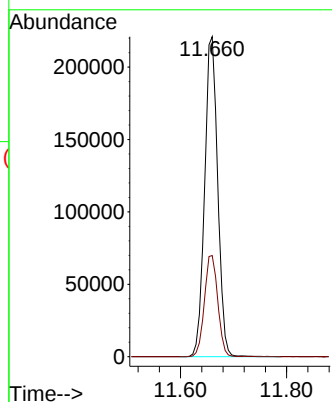
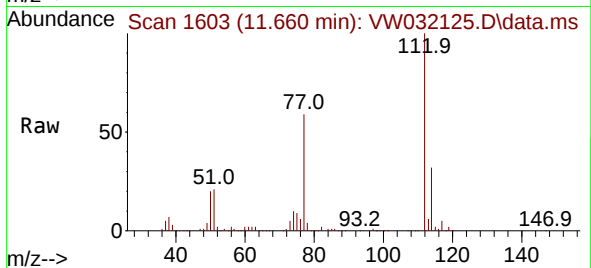
VSTDCCC050EC

Tgt Ion:112 Resp: 377030

Ion Ratio Lower Upper

112 100

114 31.6 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.832 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

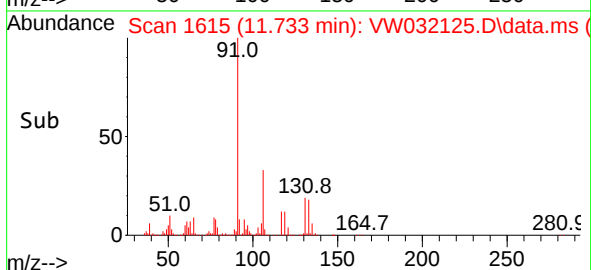
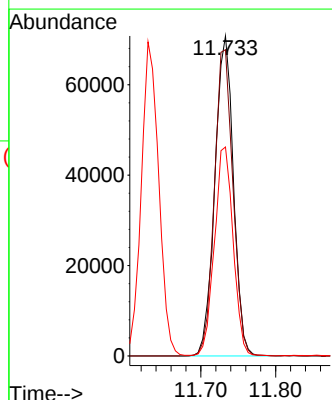
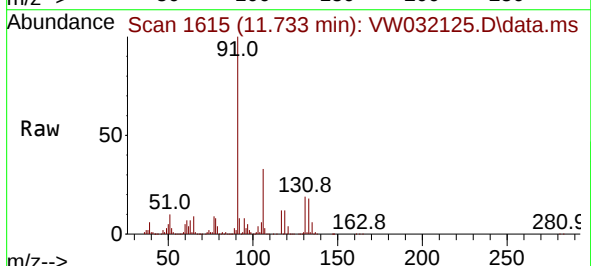
Tgt Ion:131 Resp: 121980

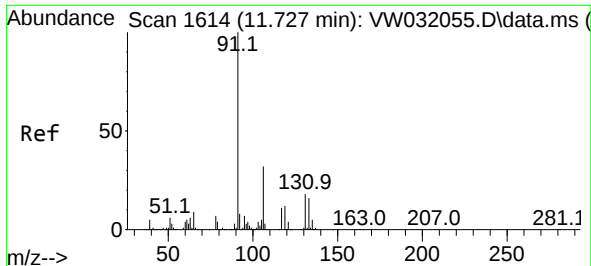
Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

119 65.9 34.5 103.5





#67

Ethyl Benzene

Concen: 47.994 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

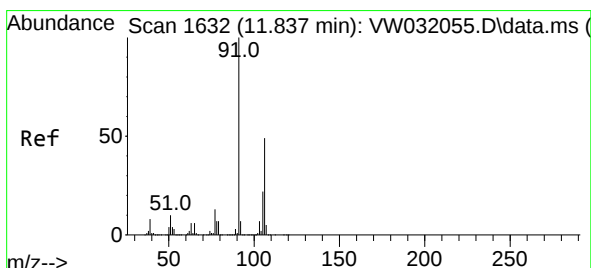
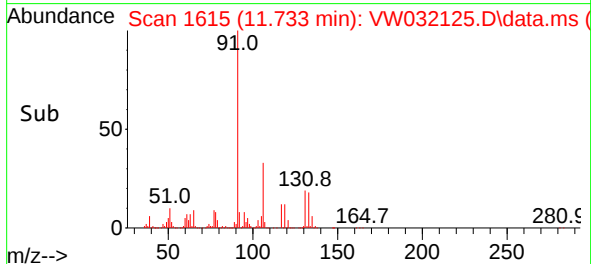
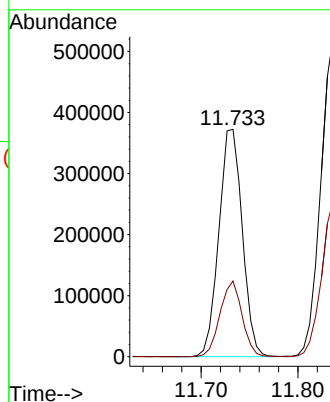
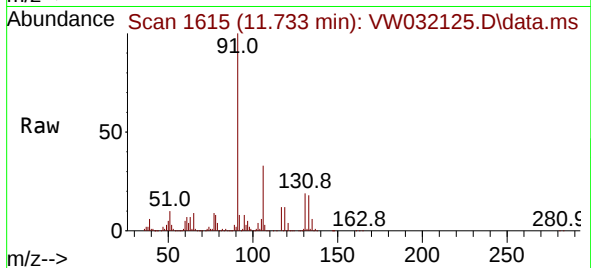
VSTDCCC050EC

Tgt Ion: 91 Resp: 625258

Ion Ratio Lower Upper

91 100

106 33.3 25.4 38.0



#68

m/p-Xylenes

Concen: 96.639 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032125.D

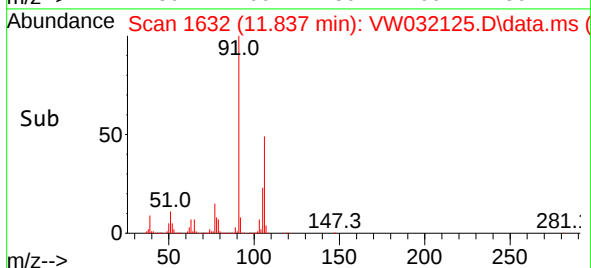
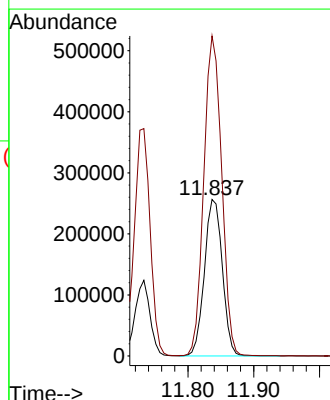
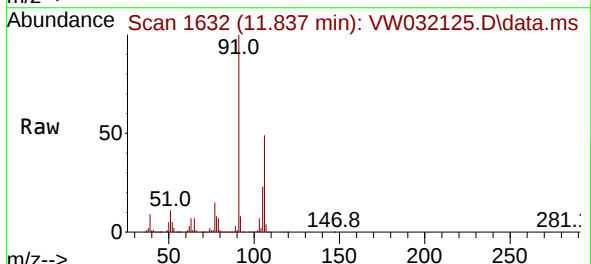
Acq: 22 Aug 2025 20:30

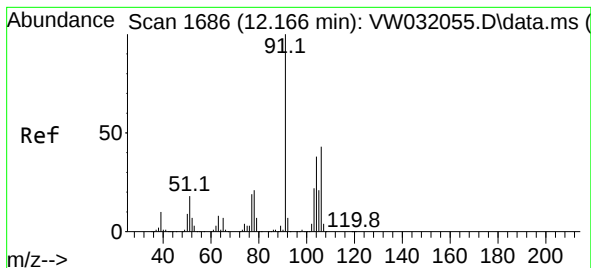
Tgt Ion:106 Resp: 485810

Ion Ratio Lower Upper

106 100

91 203.8 162.2 243.2

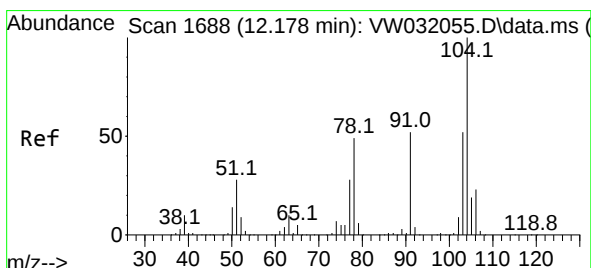
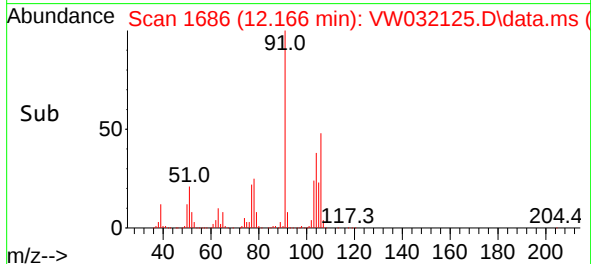
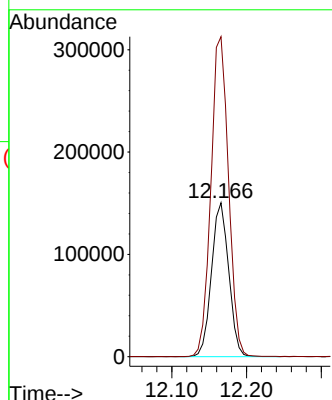
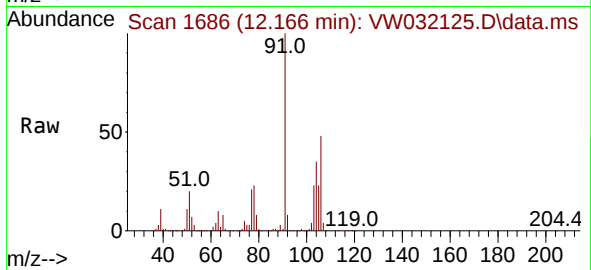




#69
o-Xylene
Concen: 51.808 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

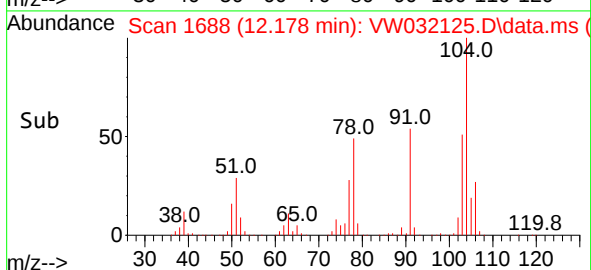
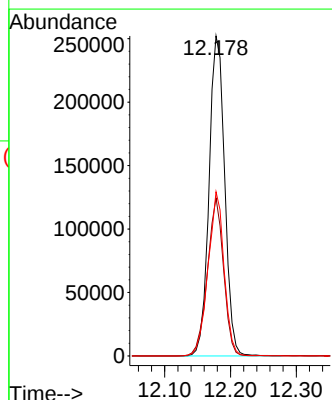
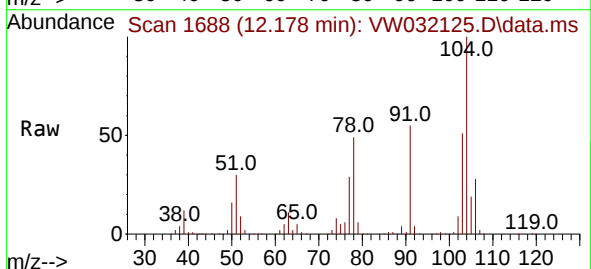
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

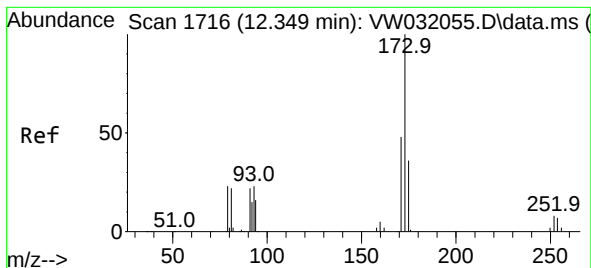
Tgt Ion:106 Resp: 240717
Ion Ratio Lower Upper
106 100
91 212.7 110.8 332.3



#70
Styrene
Concen: 50.630 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion:104 Resp: 417846
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 52.5 43.8 65.8





#71

Bromoform

Concen: 56.144 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

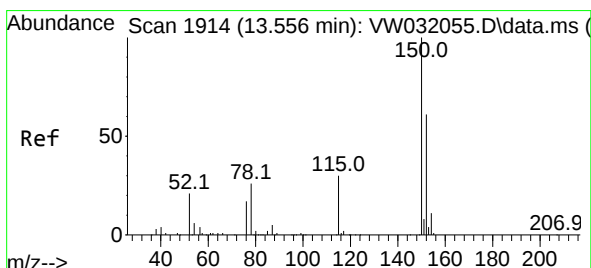
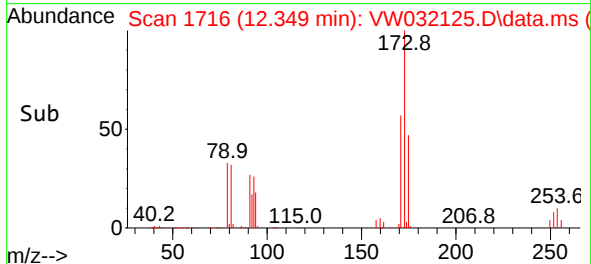
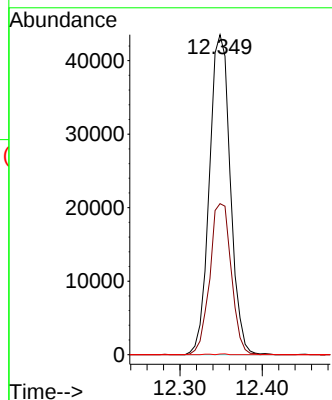
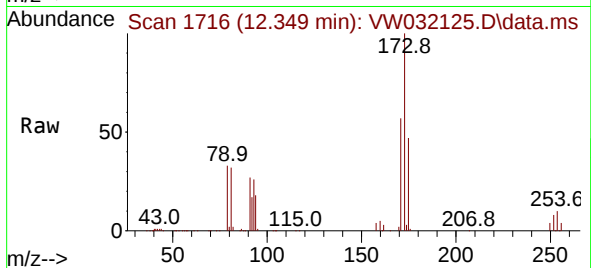
Tgt Ion:173 Resp: 77066

Ion Ratio Lower Upper

173 100

175 48.5 22.9 68.7

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

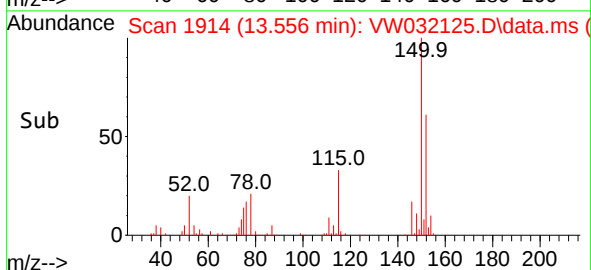
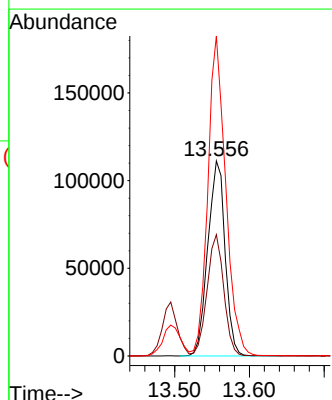
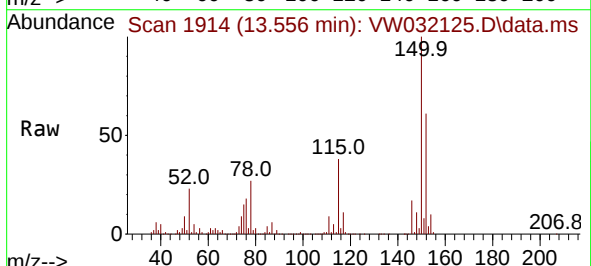
Tgt Ion:152 Resp: 178852

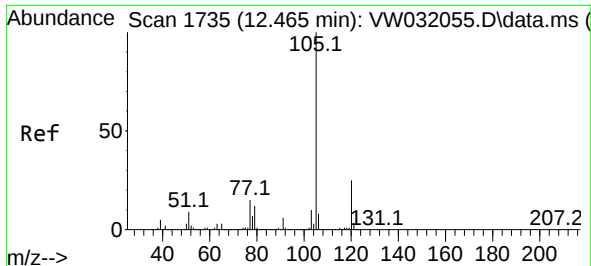
Ion Ratio Lower Upper

152 100

115 60.0 32.6 97.8

150 169.3 0.0 359.4

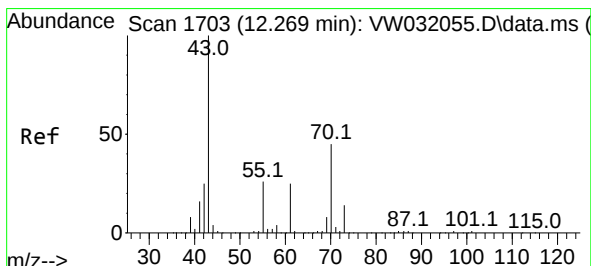
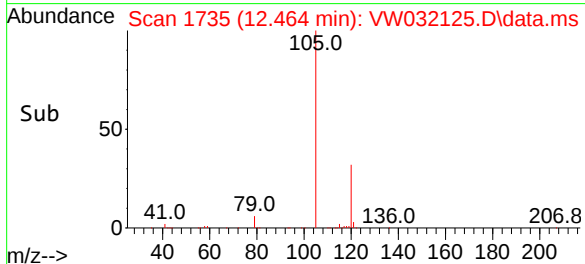
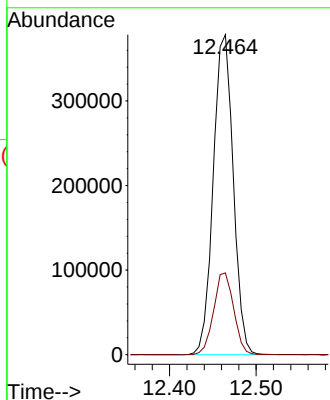
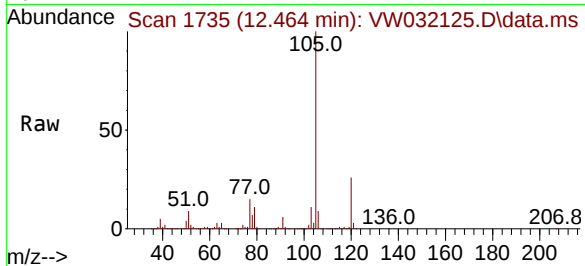




#73
Isopropylbenzene
Concen: 48.544 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

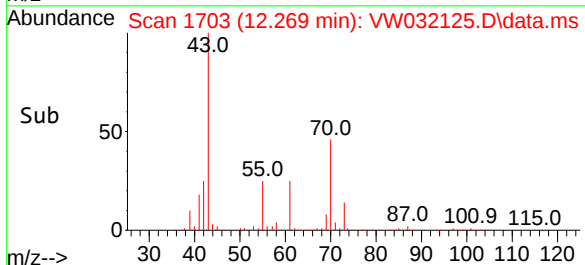
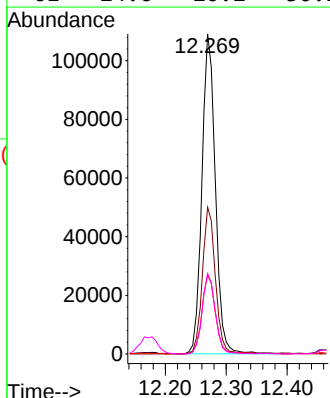
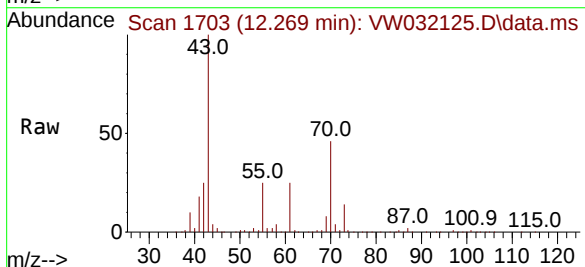
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

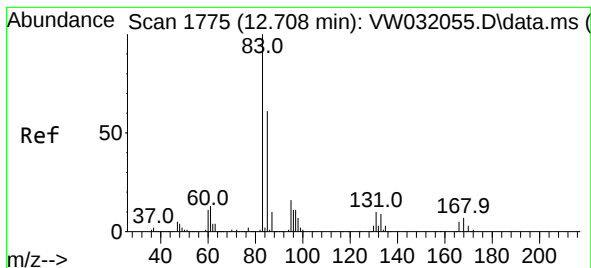
Tgt Ion:105 Resp: 606764
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 46.714 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 43 Resp: 167518
Ion Ratio Lower Upper
43 100
70 44.9 37.0 55.4
55 24.9 21.1 31.7
61 24.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.736 ug/l

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

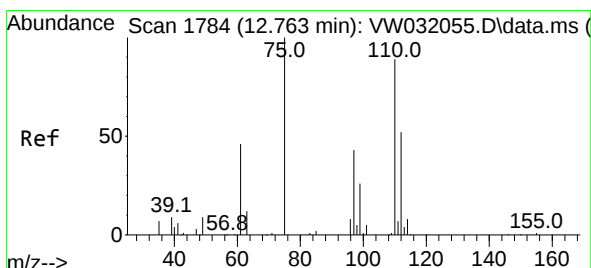
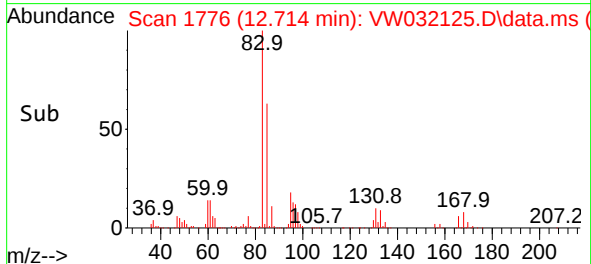
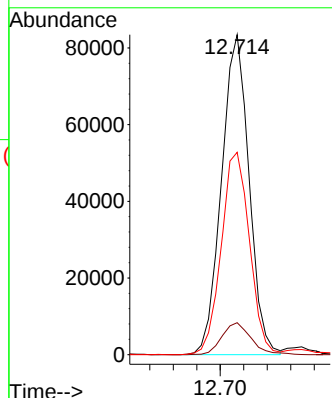
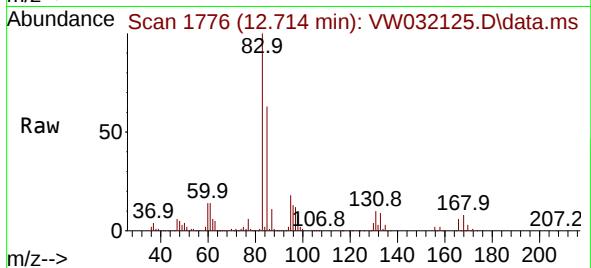
Tgt Ion: 83 Resp: 135731

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 71.047 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW032125.D

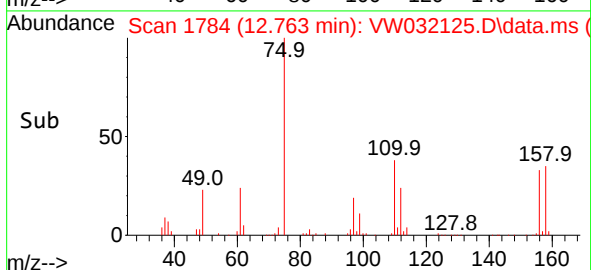
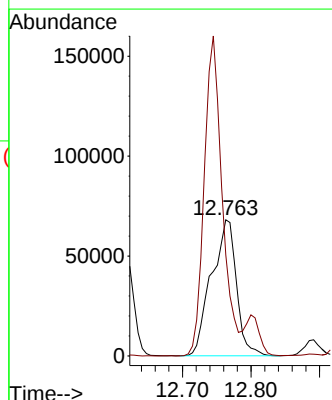
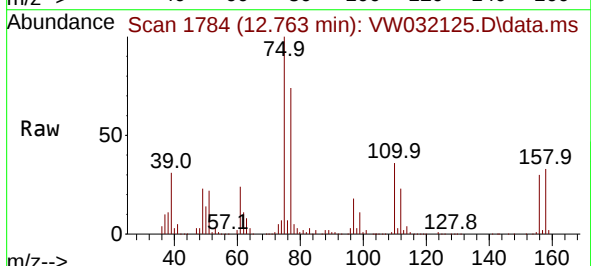
Acq: 22 Aug 2025 20:30

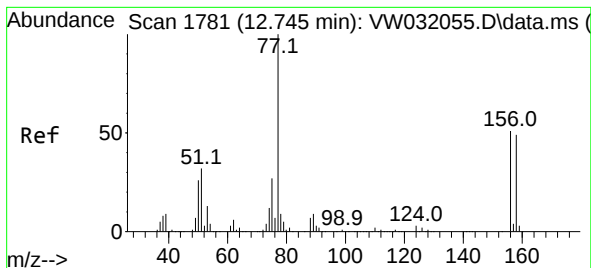
Tgt Ion: 75 Resp: 172462

Ion Ratio Lower Upper

75 100

77 169.5 123.5 370.5





#77

Bromobenzene

Concen: 49.239 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

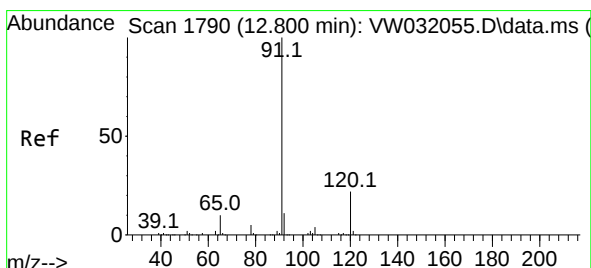
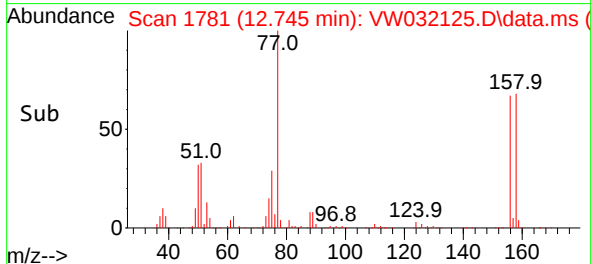
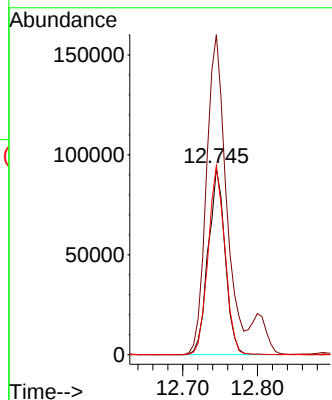
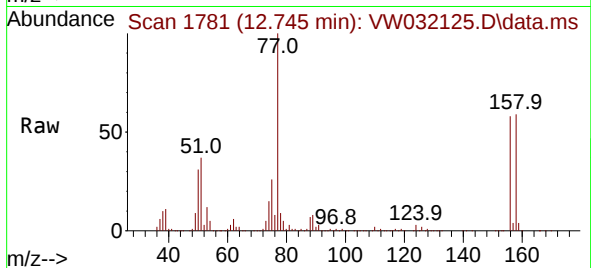
Tgt Ion:156 Resp: 146995

Ion Ratio Lower Upper

156 100

77 198.9 108.7 326.3

158 100.8 48.3 144.9



#78

n-propylbenzene

Concen: 46.266 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032125.D

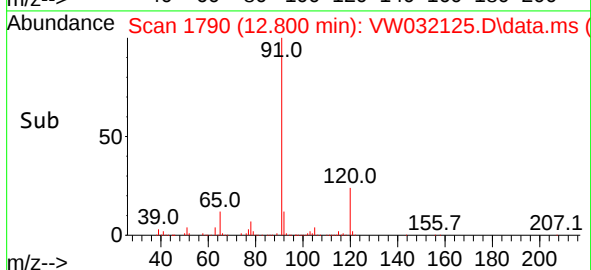
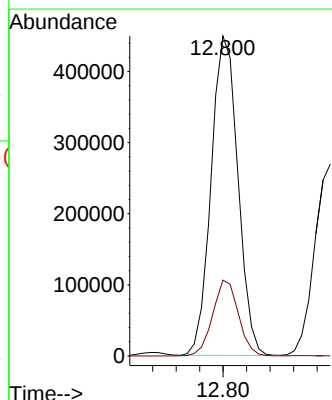
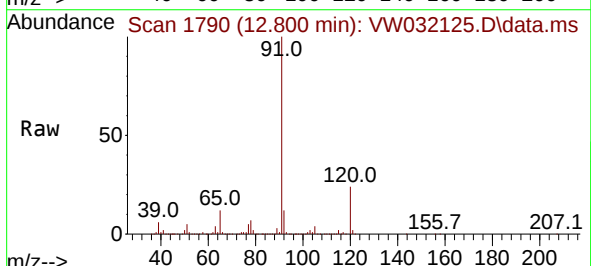
Acq: 22 Aug 2025 20:30

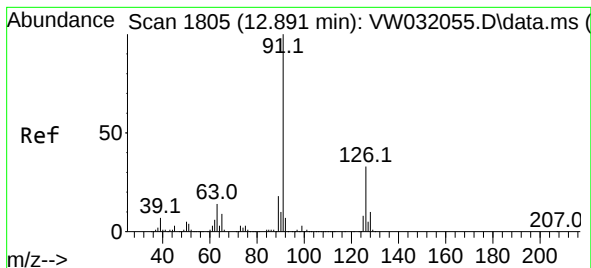
Tgt Ion: 91 Resp: 711959

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.3





#79

2-Chlorotoluene

Concen: 46.059 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

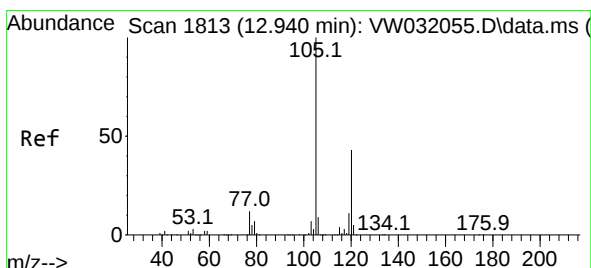
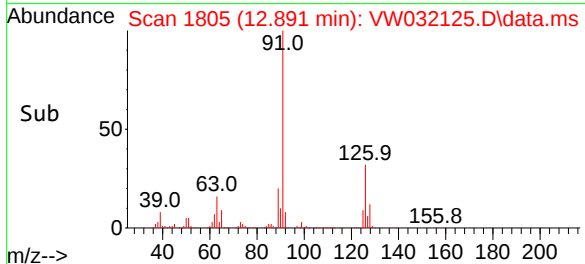
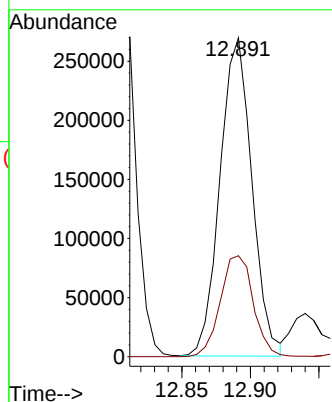
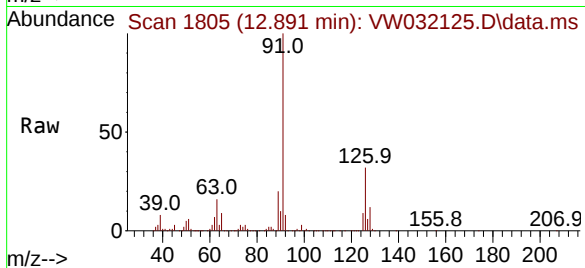
VSTDCCC050EC

Tgt Ion: 91 Resp: 437440

Ion Ratio Lower Upper

91 100

126 32.7 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 46.582 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032125.D

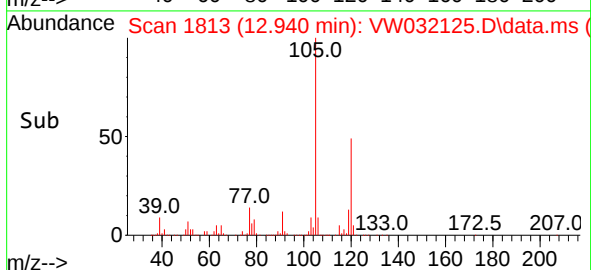
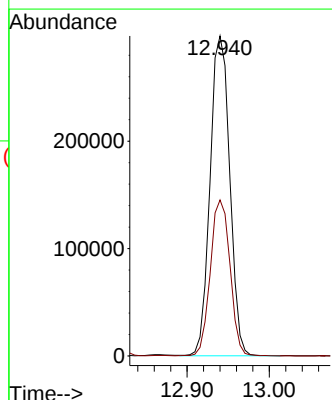
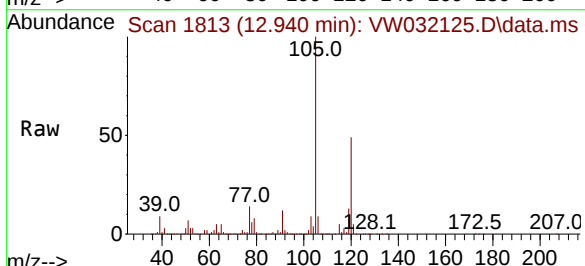
Acq: 22 Aug 2025 20:30

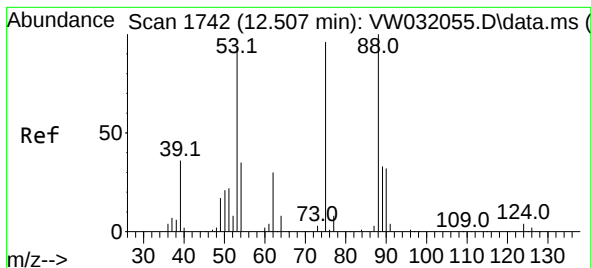
Tgt Ion: 105 Resp: 494302

Ion Ratio Lower Upper

105 100

120 48.9 23.4 70.0

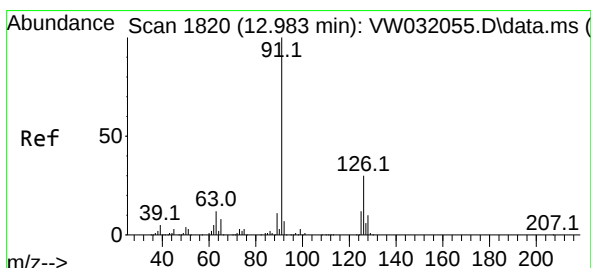
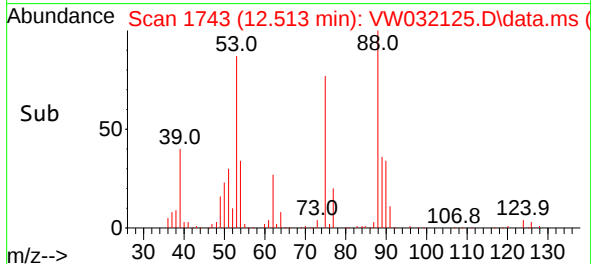
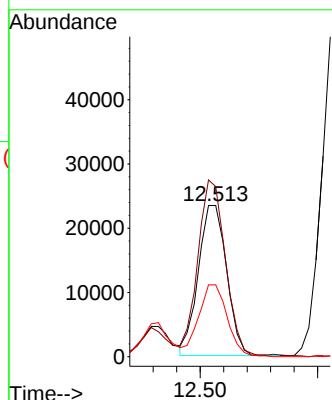
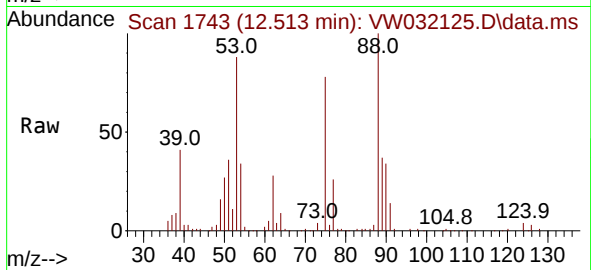




#81
trans-1,4-Dichloro-2-butene
Concen: 41.794 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

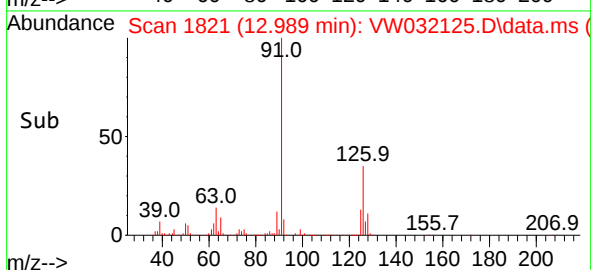
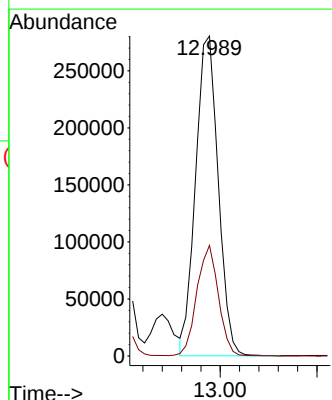
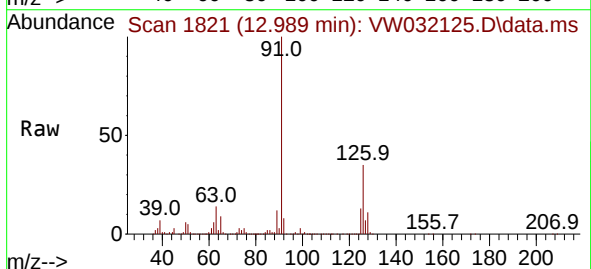
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

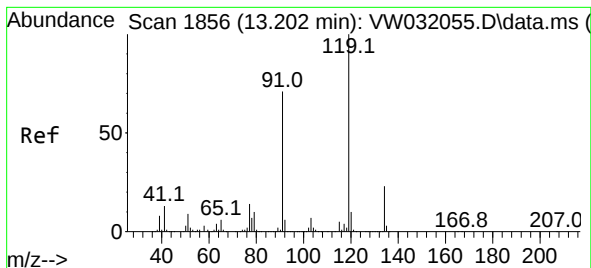
Tgt Ion: 75 Resp: 39187
Ion Ratio Lower Upper
75 100
53 113.2 81.0 121.6
89 48.7 37.3 55.9



#82
4-Chlorotoluene
Concen: 45.180 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032125.D
Acq: 22 Aug 2025 20:30

Tgt Ion: 91 Resp: 455888
Ion Ratio Lower Upper
91 100
126 33.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 49.412 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

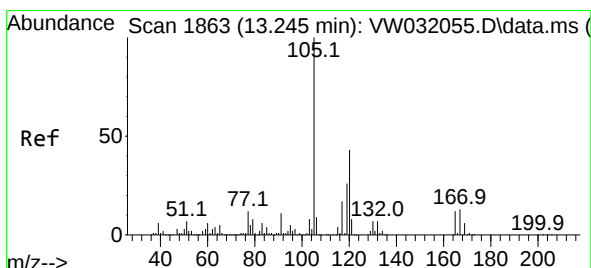
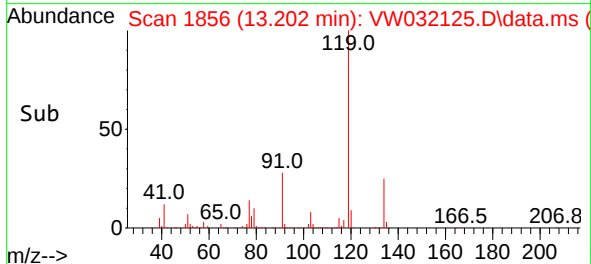
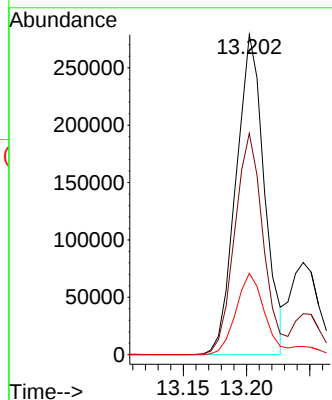
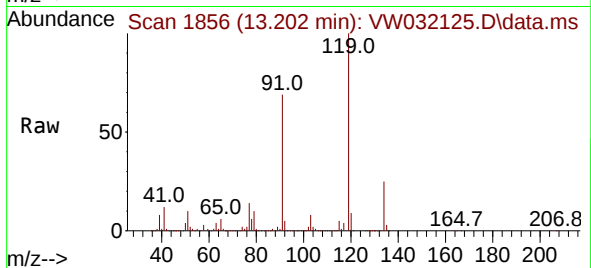
Tgt Ion:119 Resp: 435155

Ion Ratio Lower Upper

119 100

91 70.0 35.3 105.9

134 25.5 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 47.894 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032125.D

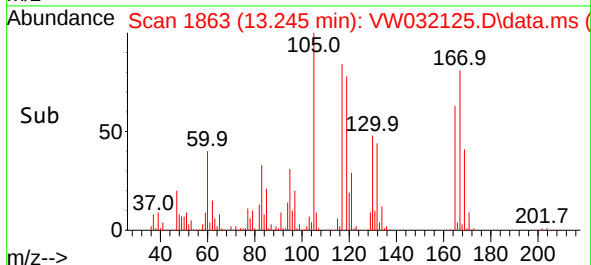
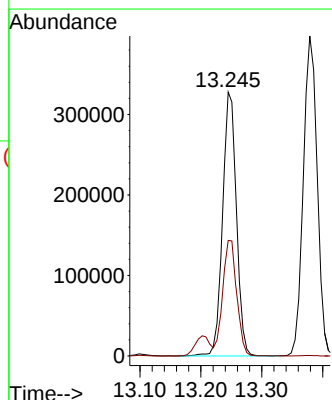
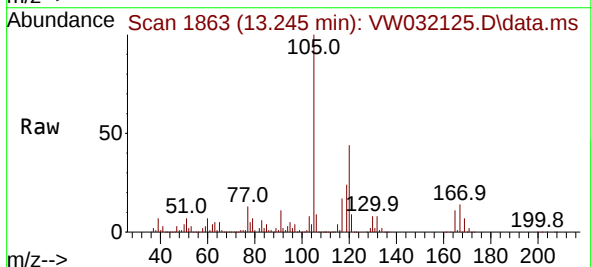
Acq: 22 Aug 2025 20:30

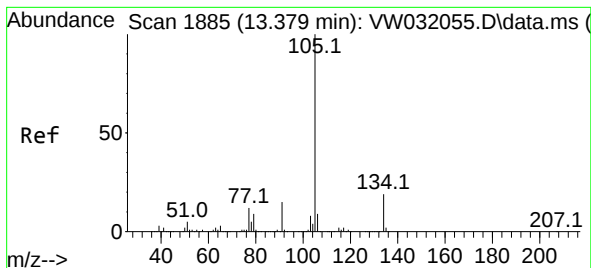
Tgt Ion:105 Resp: 517357

Ion Ratio Lower Upper

105 100

120 44.4 21.6 64.8





#85

sec-Butylbenzene

Concen: 47.191 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

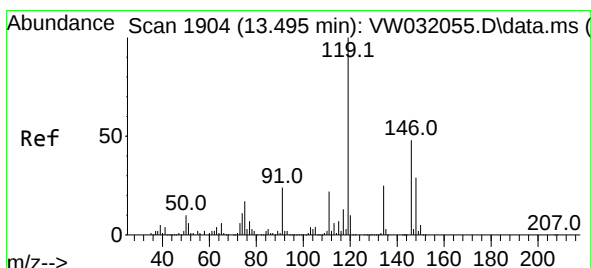
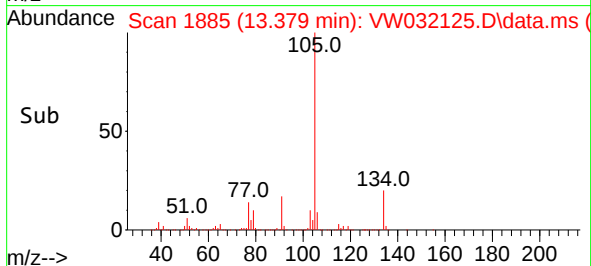
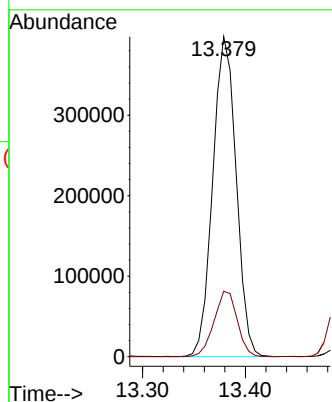
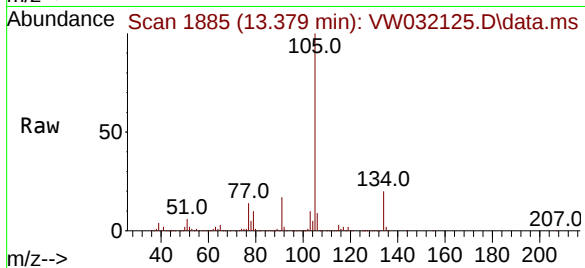
VSTDCCC050EC

Tgt Ion:105 Resp: 628332

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 49.074 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

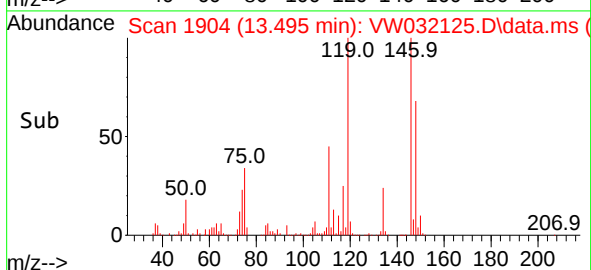
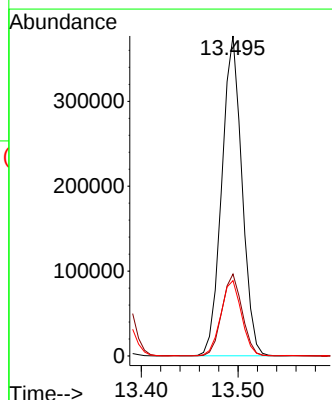
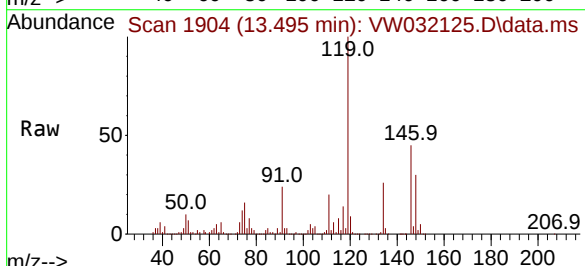
Tgt Ion:119 Resp: 544722

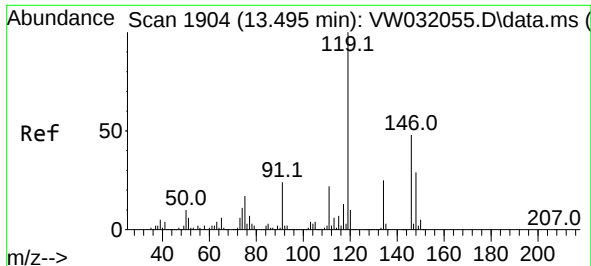
Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.0

91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.594 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

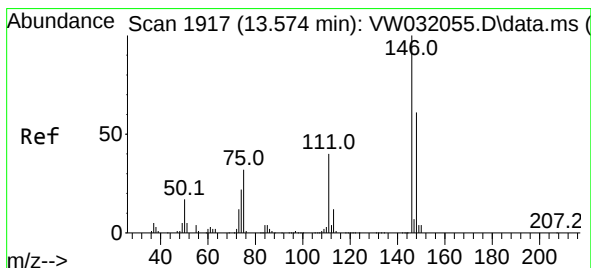
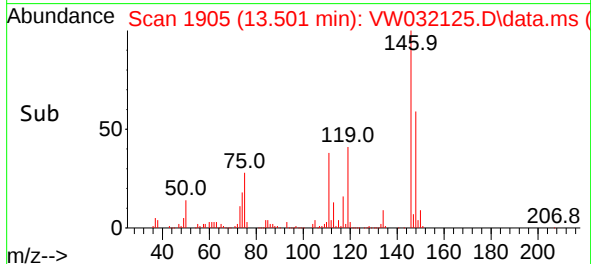
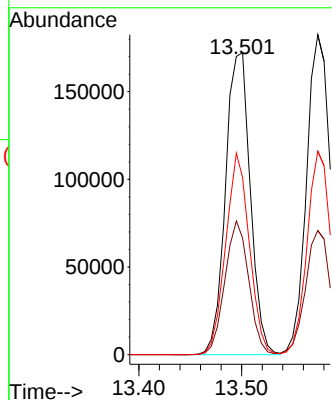
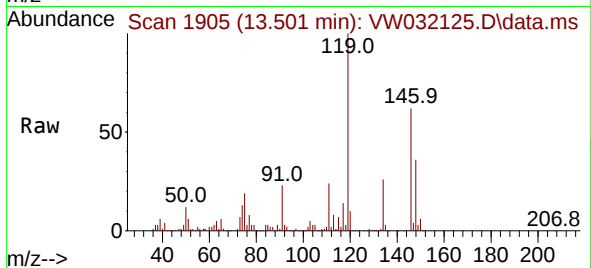
Tgt Ion:146 Resp: 288658

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

148 63.7 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 49.553 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

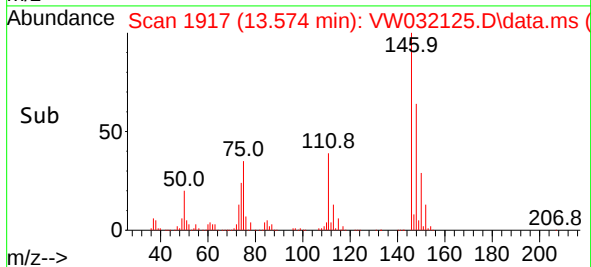
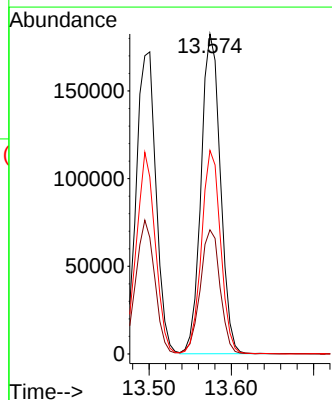
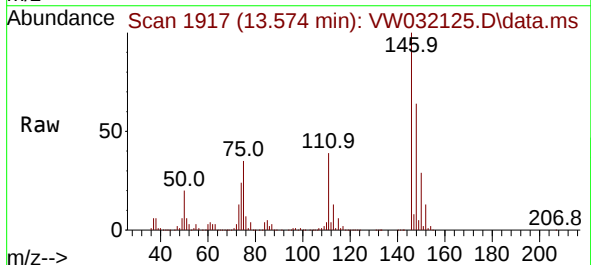
Tgt Ion:146 Resp: 297467

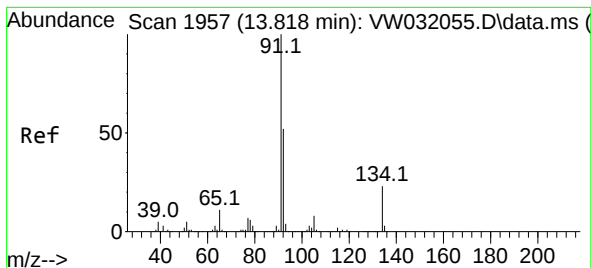
Ion Ratio Lower Upper

146 100

111 40.0 21.6 64.6

148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 46.086 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

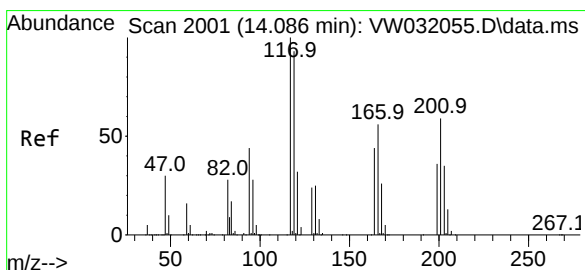
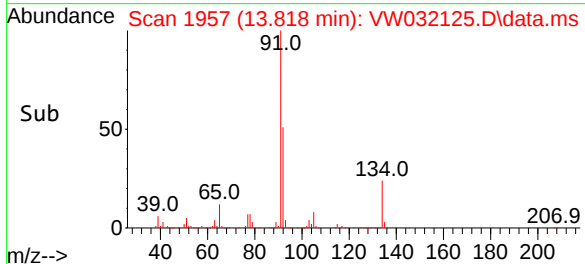
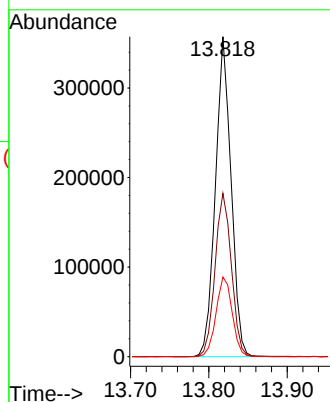
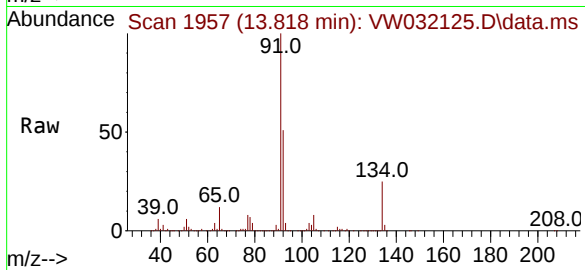
Tgt Ion: 91 Resp: 496987

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.1

134 25.8 12.0 36.1



#90

Hexachloroethane

Concen: 47.008 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032125.D

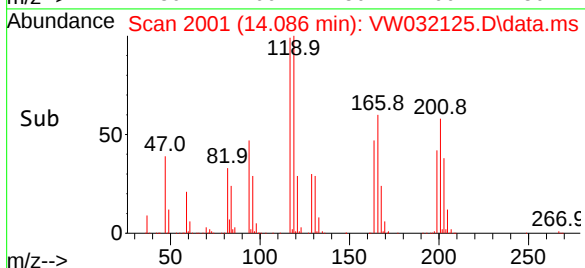
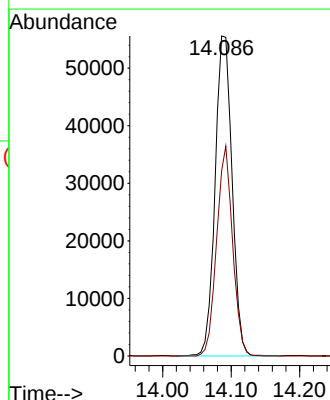
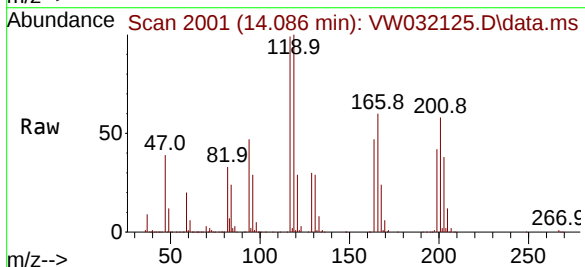
Acq: 22 Aug 2025 20:30

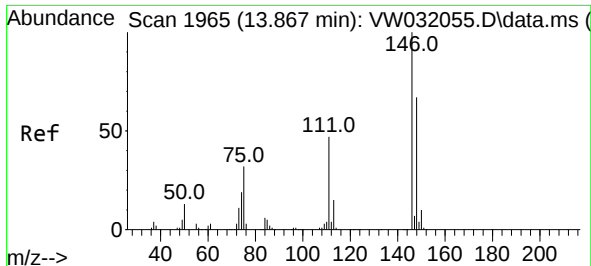
Tgt Ion: 117 Resp: 95426

Ion Ratio Lower Upper

117 100

201 61.6 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 50.716 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

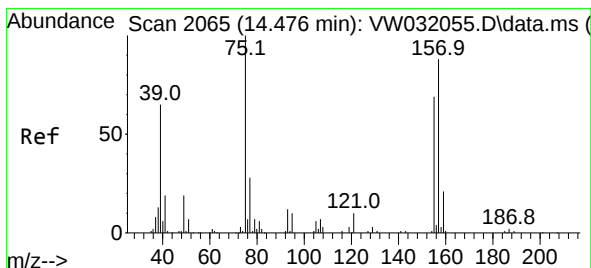
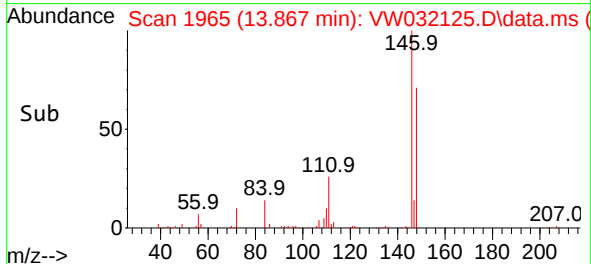
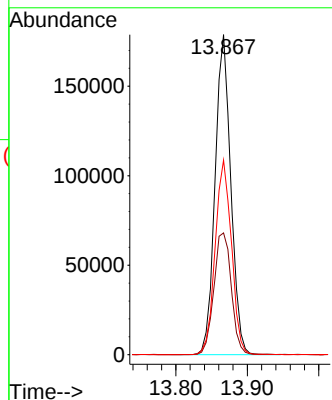
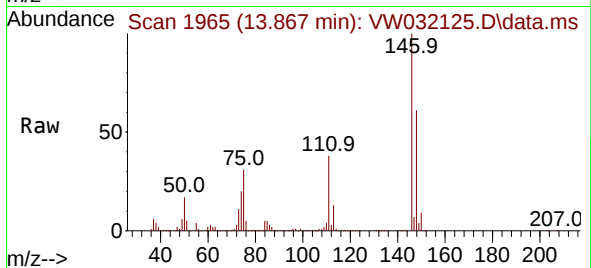
Tgt Ion:146 Resp: 272906

Ion Ratio Lower Upper

146 100

111 42.1 23.1 69.3

148 63.2 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.268 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

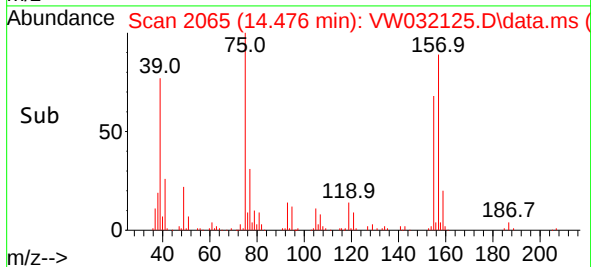
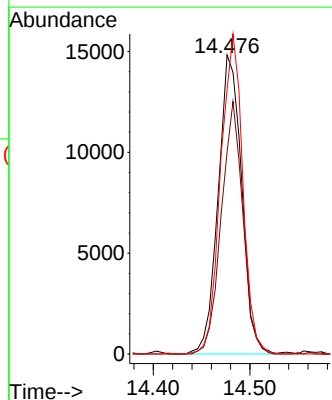
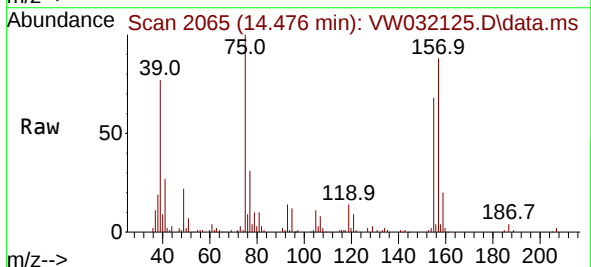
Tgt Ion: 75 Resp: 24938

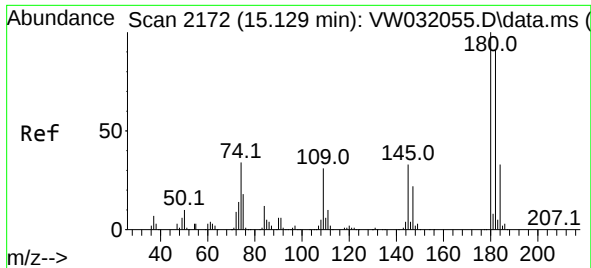
Ion Ratio Lower Upper

75 100

155 77.3 35.2 105.6

157 100.7 47.5 142.6

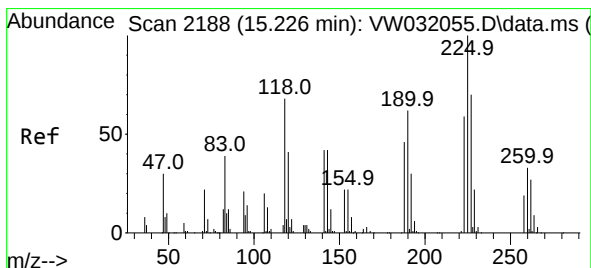
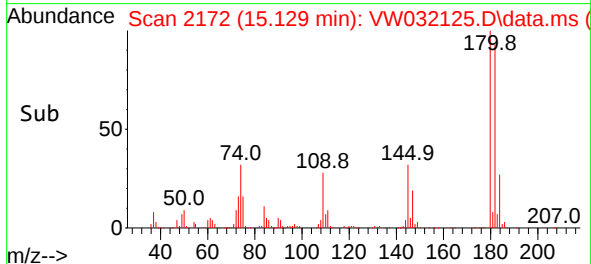
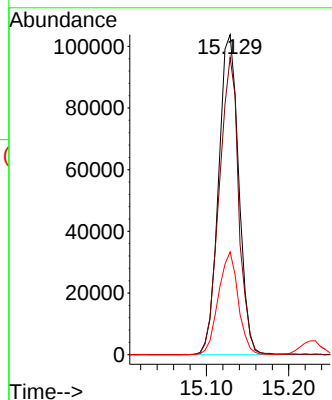
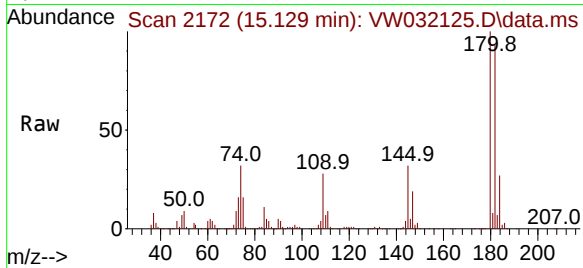




#93
 1,2,4-Trichlorobenzene
 Concen: 54.771 ug/l
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

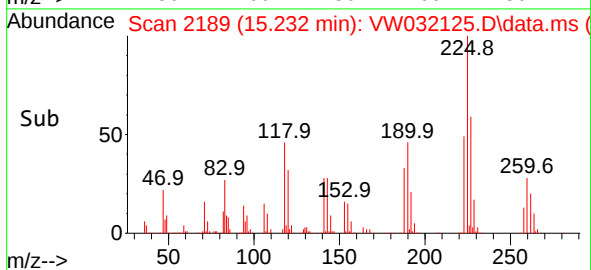
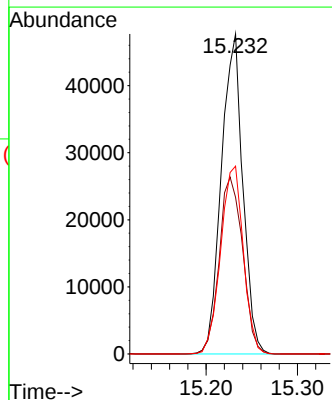
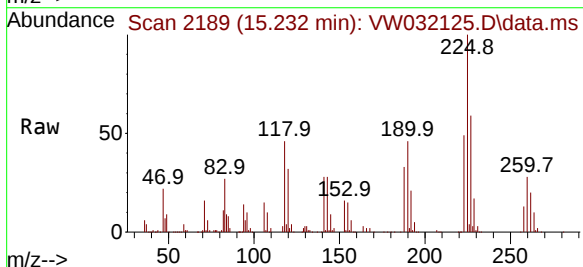
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

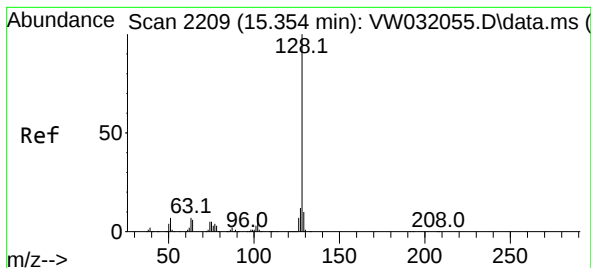
Tgt Ion:180 Resp: 176308
 Ion Ratio Lower Upper
 180 100
 182 89.9 49.0 147.0
 145 31.8 17.3 51.9



#94
 Hexachlorobutadiene
 Concen: 54.117 ug/l
 RT: 15.232 min Scan# 2189
 Delta R.T. 0.006 min
 Lab File: VW032125.D
 Acq: 22 Aug 2025 20:30

Tgt Ion:225 Resp: 77871
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.8 95.3
 227 62.0 33.5 100.5





#95

Naphthalene

Concen: 51.866 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

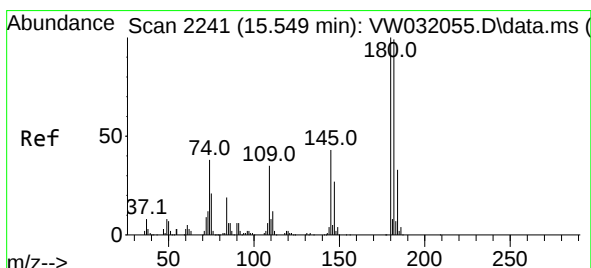
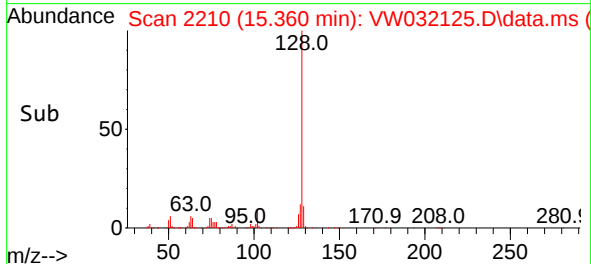
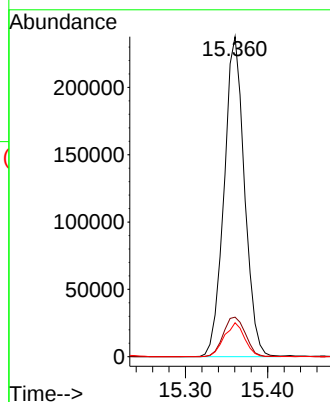
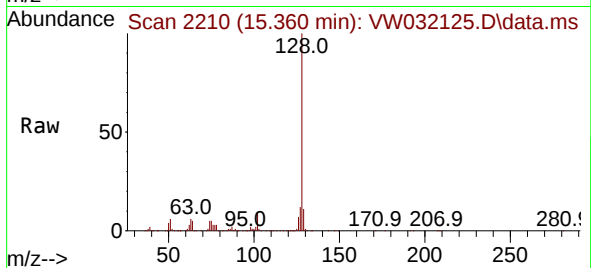
Tgt Ion:128 Resp: 409102

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.8 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 53.594 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032125.D

Acq: 22 Aug 2025 20:30

Tgt Ion:180 Resp: 156971

Ion Ratio Lower Upper

180 100

182 97.8 46.0 138.0

145 35.3 19.2 57.6

