

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032337.D
 Acq On : 02 Oct 2025 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 22:12:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	289080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	546534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	237365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	217775	51.649	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.300%	
35) Dibromofluoromethane	7.904	113	172106	48.626	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.260%	
50) Toluene-d8	10.325	98	655709	50.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.617	95	249676	50.568	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	79678	43.923	ug/l	94
3) Chloromethane	2.253	50	121298	43.335	ug/l	97
4) Vinyl Chloride	2.405	62	159318	47.676	ug/l	94
5) Bromomethane	2.820	94	114806	46.750	ug/l	96
6) Chloroethane	2.966	64	105585	47.857	ug/l	95
7) Trichlorofluoromethane	3.307	101	128764	51.464	ug/l	96
8) Diethyl Ether	3.722	74	110331	50.889	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.106	101	142516	47.489	ug/l	94
10) Methyl Iodide	4.307	142	213570	49.877	ug/l	99
11) Tert butyl alcohol	5.222	59	78167	244.920	ug/l	94
12) 1,1-Dichloroethene	4.082	96	159655	49.004	ug/l	93
13) Acrolein	3.929	56	110581	213.489	ug/l	100
14) Allyl chloride	4.704	41	275042	49.981	ug/l	89
15) Acrylonitrile	5.405	53	283368	251.232	ug/l	99
16) Acetone	4.161	43	264732	226.752	ug/l	99
17) Carbon Disulfide	4.423	76	429382	48.303	ug/l	99
18) Methyl Acetate	4.710	43	169988	50.828	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	334481	52.125	ug/l	98
20) Methylene Chloride	4.960	84	214895	56.274	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	179814	49.851	ug/l	97
22) Diisopropyl ether	6.344	45	582144	50.867	ug/l	92
23) Vinyl Acetate	6.283	43	1939851	253.772	ug/l	100
24) 1,1-Dichloroethane	6.246	63	339695	48.857	ug/l	98
25) 2-Butanone	7.191	43	395597	248.793	ug/l	100
26) 2,2-Dichloropropane	7.191	77	178392	50.159	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	215834	49.808	ug/l	94
28) Bromochloromethane	7.532	49	163959	50.122	ug/l	89
29) Tetrahydrofuran	7.551	42	258517	258.531	ug/l	94
30) Chloroform	7.691	83	353226	50.093	ug/l	96
31) Cyclohexane	7.971	56	280772	47.302	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	250636	50.160	ug/l	99
36) 1,1-Dichloropropene	8.099	75	242895	48.626	ug/l	98
37) Ethyl Acetate	7.276	43	161714	48.638	ug/l	99
38) Carbon Tetrachloride	8.087	117	227082	48.310	ug/l	97
39) Methylcyclohexane	9.343	83	304767	50.582	ug/l	94
40) Benzene	8.337	78	747812	47.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	93503	52.183	ug/l	92
42) 1,2-Dichloroethane	8.410	62	253041	49.392	ug/l	100
43) Isopropyl Acetate	8.435	43	297757	50.483	ug/l	100
44) Trichloroethene	9.099	130	172380	47.020	ug/l	91
45) 1,2-Dichloropropane	9.373	63	191395	48.974	ug/l	100
46) Dibromomethane	9.471	93	117841	49.036	ug/l	95
47) Bromodichloromethane	9.654	83	267284	48.628	ug/l	98
48) Methyl methacrylate	9.441	41	147699	51.504	ug/l #	90
49) 1,4-Dioxane	9.465	88	33107	1007.931	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	867876	254.045	ug/l	99
52) Toluene	10.392	92	473285	48.540	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	268233	50.301	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	297085	48.366	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	154823	48.204	ug/l	97
56) Ethyl methacrylate	10.648	69	237225	52.769	ug/l	94
57) 1,3-Dichloropropane	10.934	76	282359	49.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	638058	266.686	ug/l	96
59) 2-Hexanone	10.971	43	603270	250.380	ug/l	99
60) Dibromochloromethane	11.129	129	178564	48.963	ug/l	100
61) 1,2-Dibromoethane	11.233	107	155108	49.527	ug/l	98
64) Tetrachloroethene	10.867	164	140750	47.223	ug/l	93
65) Chlorobenzene	11.660	112	518647	47.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	167616	49.103	ug/l	99
67) Ethyl Benzene	11.733	91	909858	49.805	ug/l	96
68) m/p-Xylenes	11.836	106	690596	98.033	ug/l	99
69) o-Xylene	12.166	106	329130	49.960	ug/l	98
70) Styrene	12.178	104	577854	50.240	ug/l	99
71) Bromoform	12.349	173	94589	48.343	ug/l #	97
73) Isopropylbenzene	12.464	105	830183	51.121	ug/l	100
74) N-amyl acetate	12.269	43	269655	52.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	195054	48.374	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	252631	80.878	ug/l	41
77) Bromobenzene	12.745	156	197946	50.566	ug/l	89
78) n-propylbenzene	12.800	91	1032818	50.915	ug/l	97
79) 2-Chlorotoluene	12.891	91	625381	50.421	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	704533	50.173	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	62759	50.898	ug/l	93
82) 4-Chlorotoluene	12.989	91	652774	49.502	ug/l	98
83) tert-Butylbenzene	13.202	119	600337	52.105	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	721216	50.510	ug/l	99
85) sec-Butylbenzene	13.379	105	861593	48.935	ug/l	100
86) p-Isopropyltoluene	13.495	119	739642	50.628	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	379798	47.913	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	368930	46.547	ug/l	99
89) n-Butylbenzene	13.818	91	729171	51.119	ug/l	99
90) Hexachloroethane	14.092	117	127970	48.869	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	353081	49.275	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	34065	48.252	ug/l	93
93) 1,2,4-Trichlorobenzene	15.122	180	221681	51.593	ug/l	98
94) Hexachlorobutadiene	15.226	225	85288	43.415	ug/l	86
95) Naphthalene	15.360	128	555085	53.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	199999	49.384	ug/l	96

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

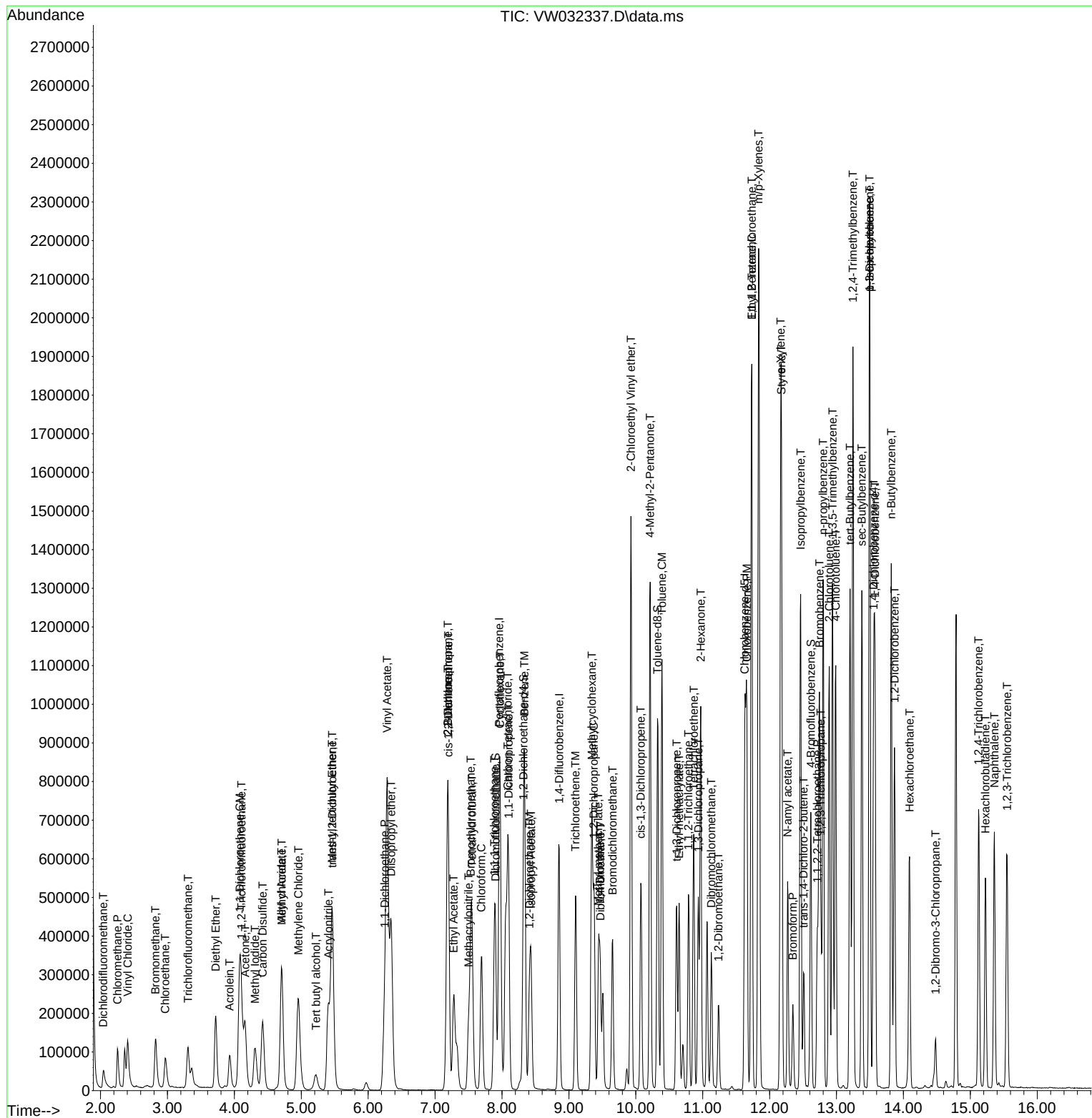
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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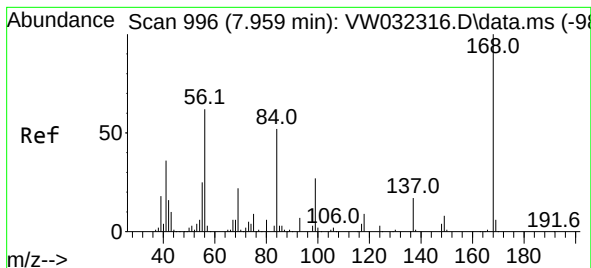
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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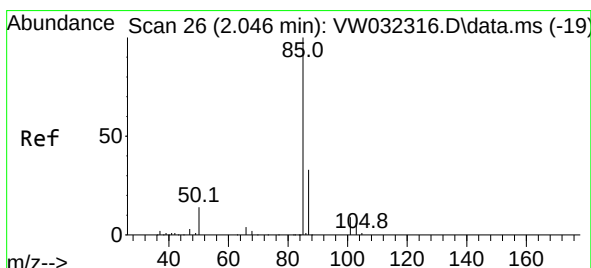
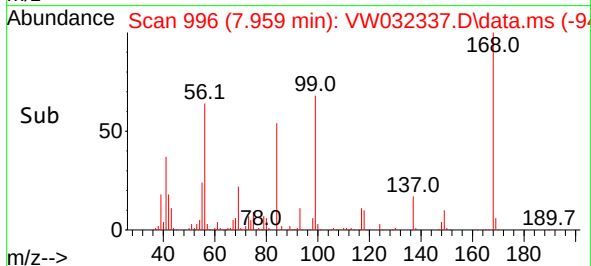
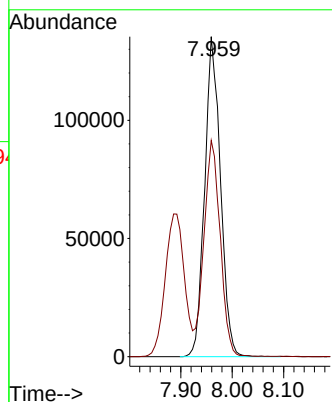
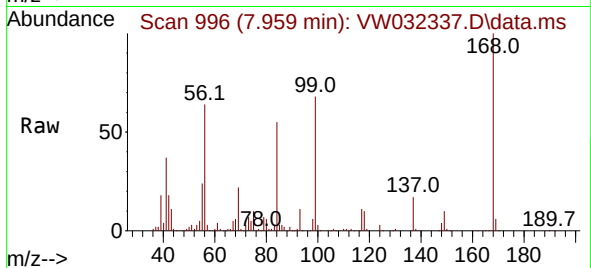




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032337.D
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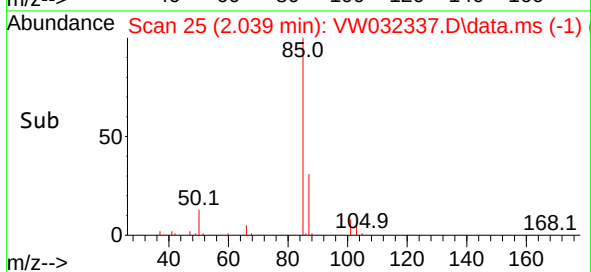
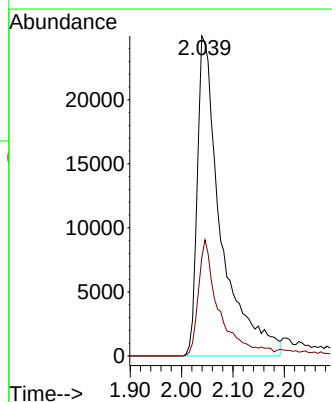
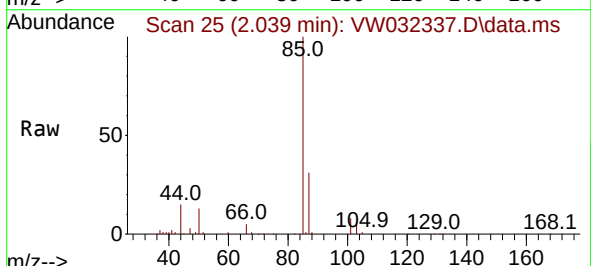
Instrument :
MSVOA_W
ClientSampleId :

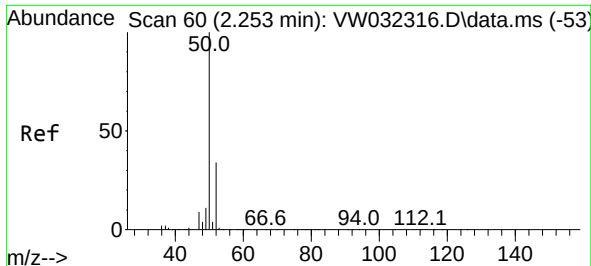
Tgt Ion:168 Resp: 289080
Ion Ratio Lower Upper
168 100
99 67.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 43.923 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 85 Resp: 79678
Ion Ratio Lower Upper
85 100
87 30.8 17.2 51.6

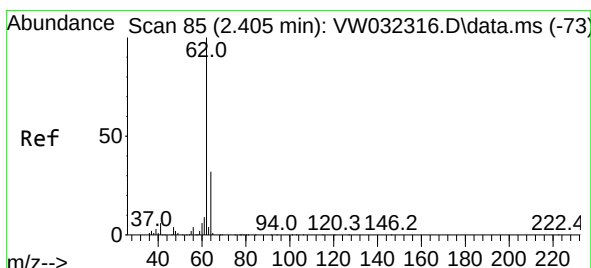
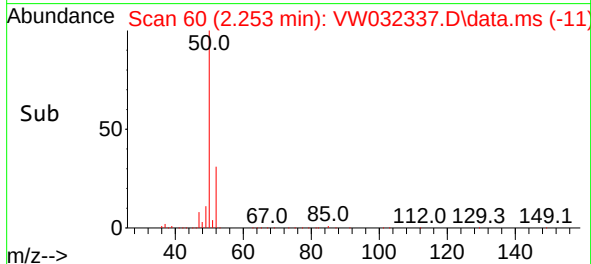
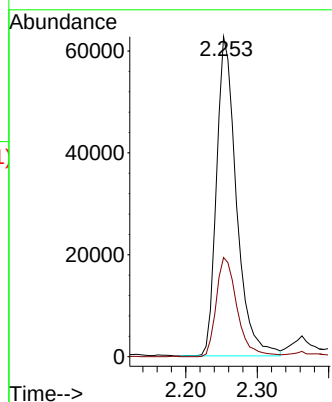
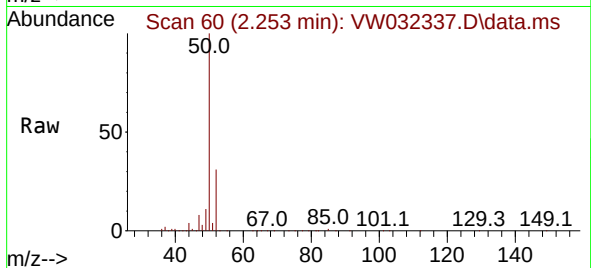




#3
Chloromethane
Concen: 43.335 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

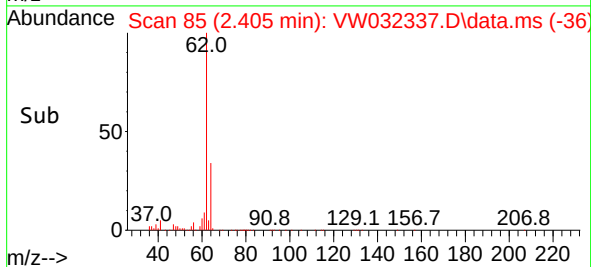
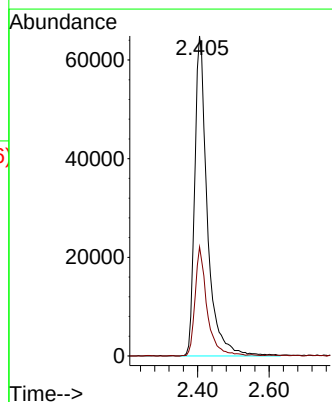
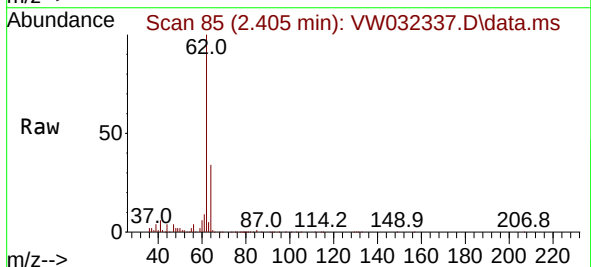
Instrument :
MSVOA_W
ClientSampleId :

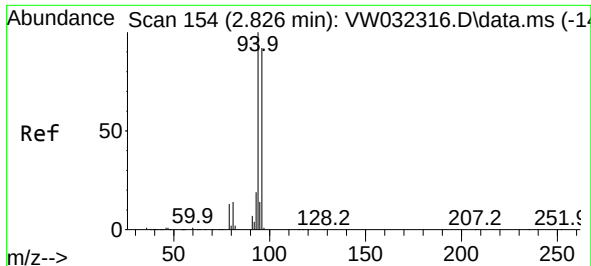
Tgt Ion: 50 Resp: 121298
Ion Ratio Lower Upper
50 100
52 31.1 26.1 39.1



#4
Vinyl Chloride
Concen: 47.676 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 62 Resp: 159318
Ion Ratio Lower Upper
62 100
64 34.1 24.8 37.2

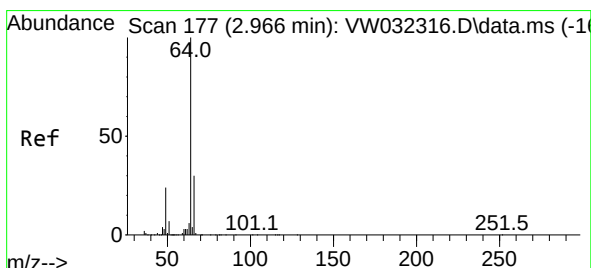
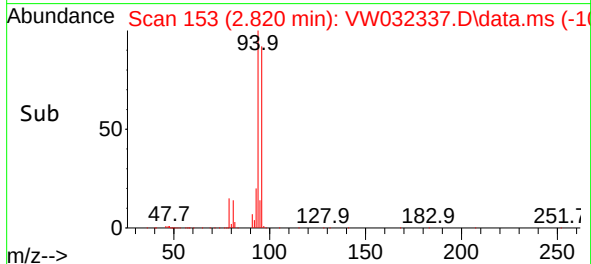
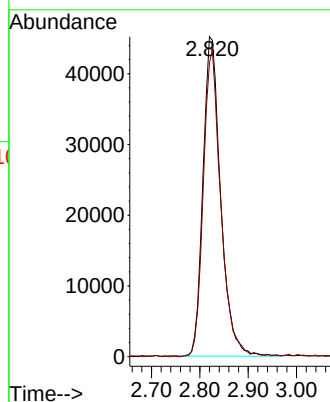
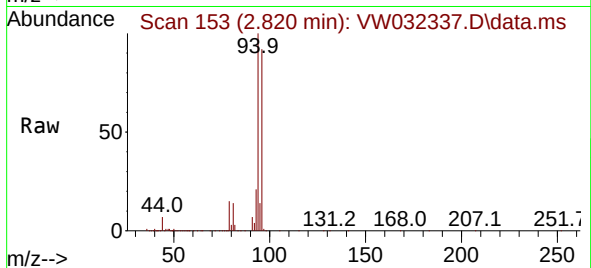




#5
Bromomethane
Concen: 46.750 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

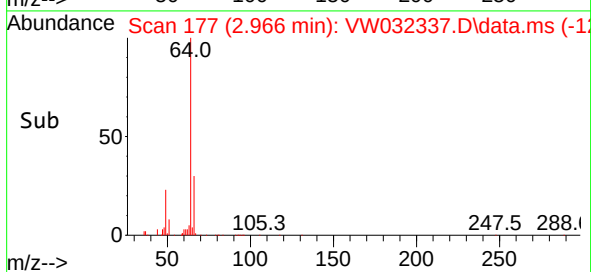
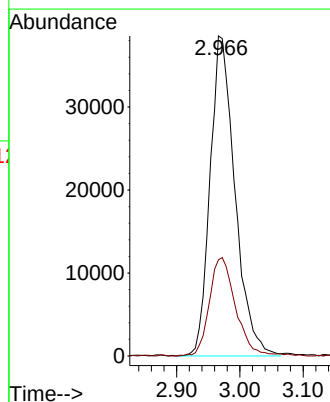
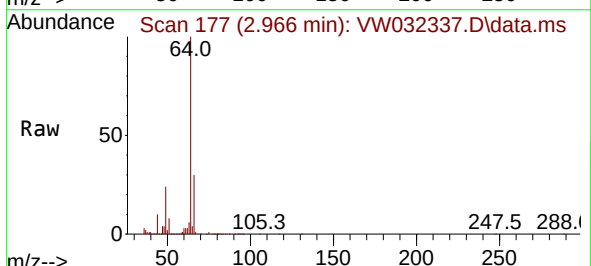
Instrument :
MSVOA_W
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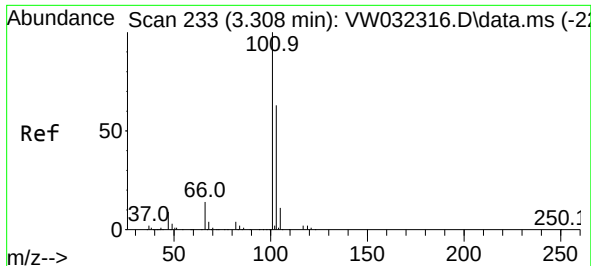
Tgt Ion: 94 Resp: 114806
Ion Ratio Lower Upper
94 100
96 91.9 76.6 115.0



#6
Chloroethane
Concen: 47.857 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 64 Resp: 105585
Ion Ratio Lower Upper
64 100
66 29.8 26.2 39.4

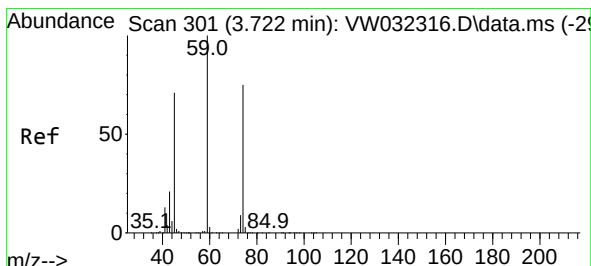
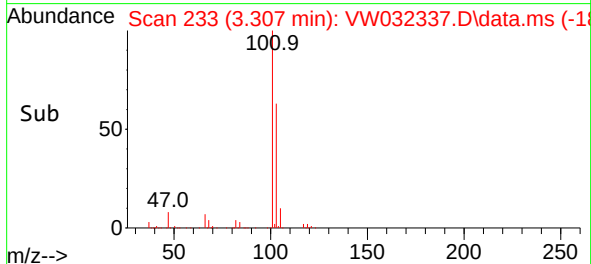
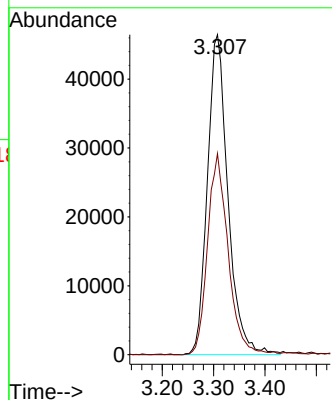
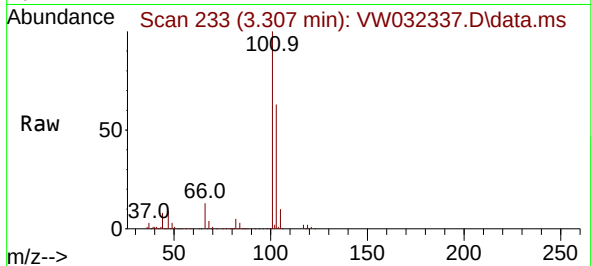




#7
 Trichlorofluoromethane
 Concen: 51.464 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

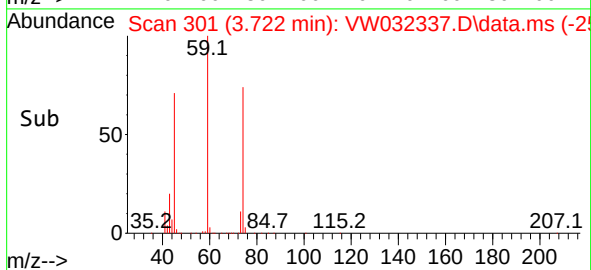
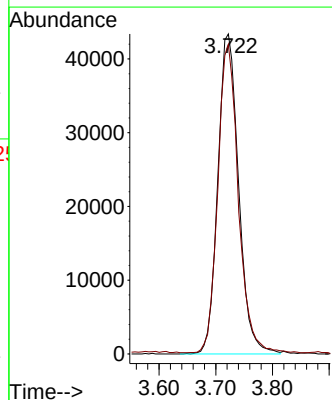
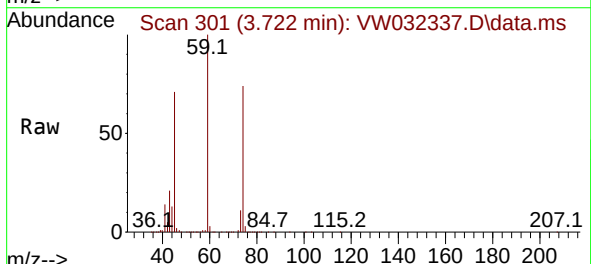
Instrument :
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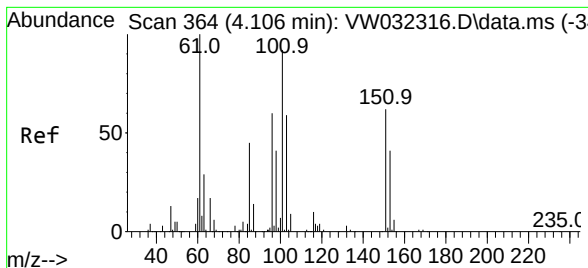
Tgt Ion:101 Resp: 128764
 Ion Ratio Lower Upper
 101 100
 103 62.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 50.889 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032337.D
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Tgt Ion: 74 Resp: 110331
 Ion Ratio Lower Upper
 74 100
 45 95.2 43.1 129.4

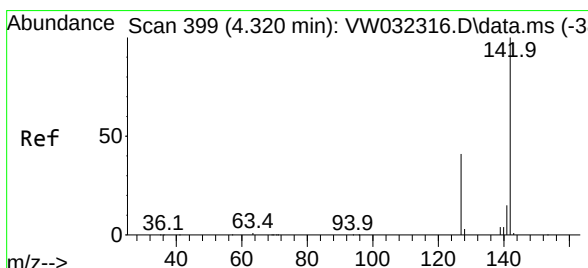
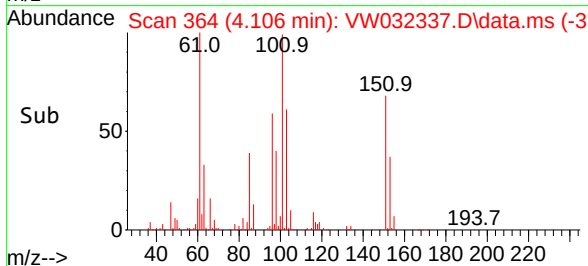
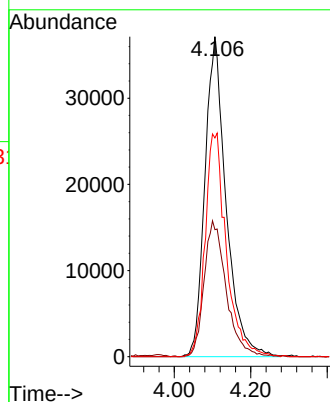
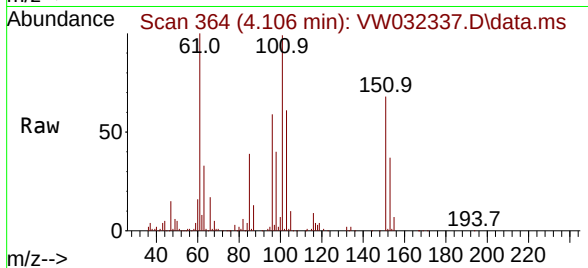




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.489 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

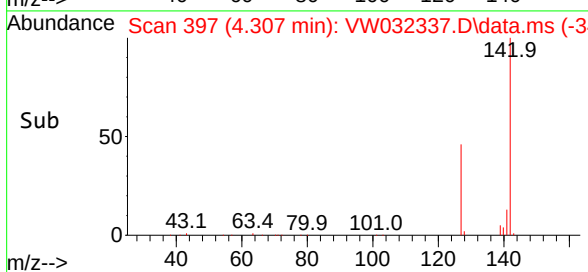
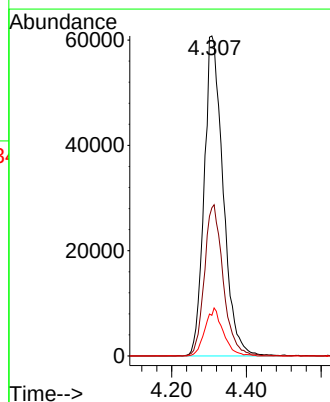
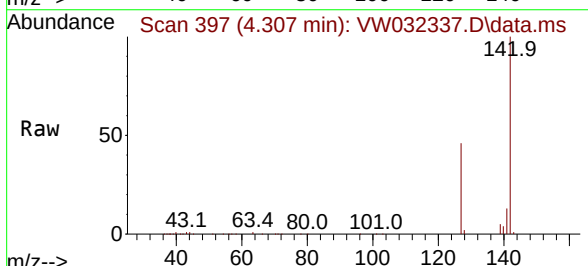
Instrument :
MSVOA_W
ClientSampleId :

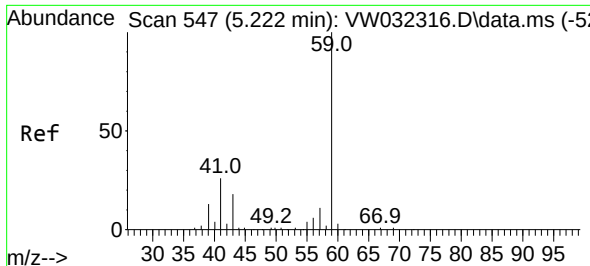
Tgt Ion:101 Resp: 142516
Ion Ratio Lower Upper
101 100
85 44.4 37.1 55.7
151 69.8 61.5 92.3



#10
Methyl Iodide
Concen: 49.877 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

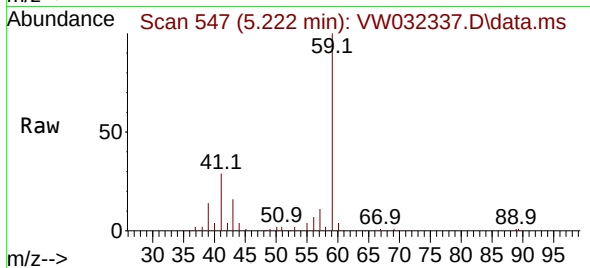
Tgt Ion:142 Resp: 213570
Ion Ratio Lower Upper
142 100
127 46.8 38.2 57.2
141 14.4 12.2 18.2



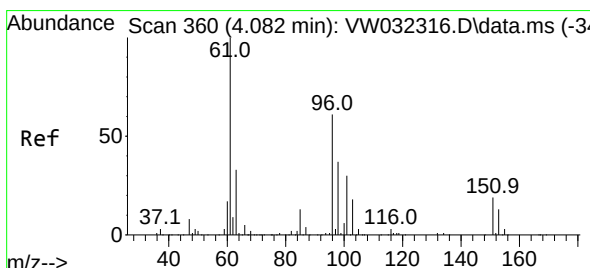
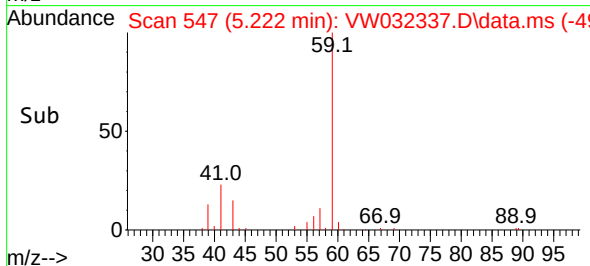
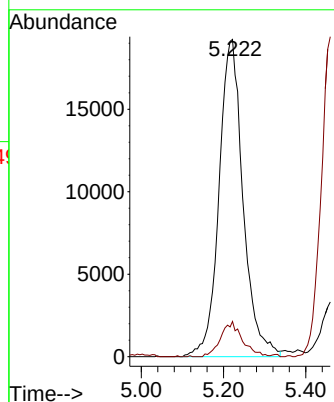


#11
Tert butyl alcohol
Concen: 244.920 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :

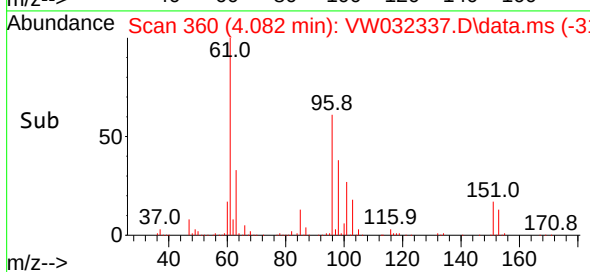
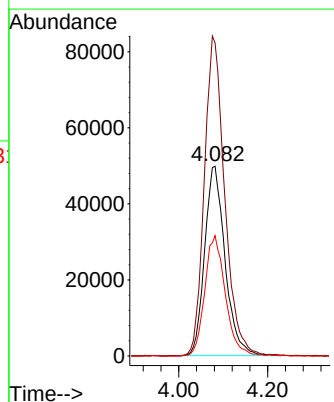
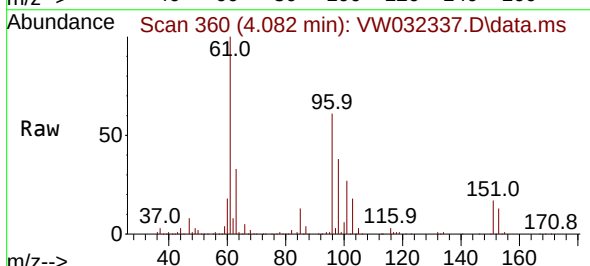


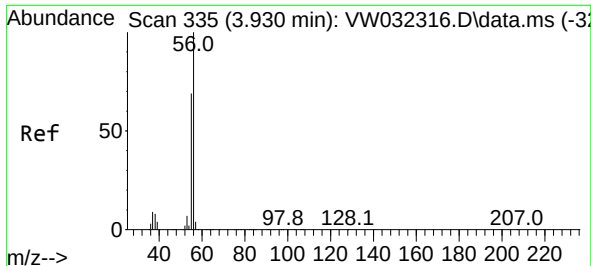
Tgt Ion: 59 Resp: 78167
Ion Ratio Lower Upper
59 100
57 10.0 9.8 14.6



#12
1,1-Dichloroethene
Concen: 49.004 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 96 Resp: 159655
Ion Ratio Lower Upper
96 100
61 165.1 123.0 184.4
98 63.4 48.5 72.7

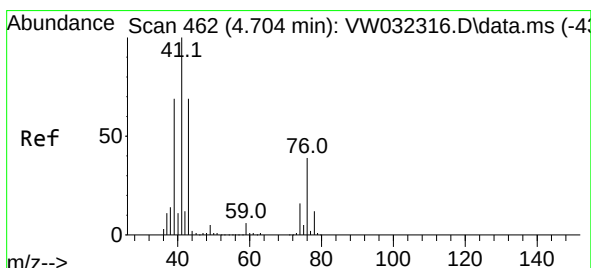
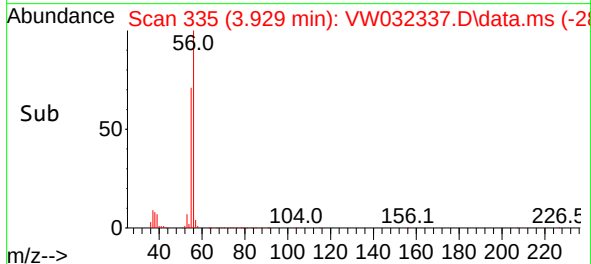
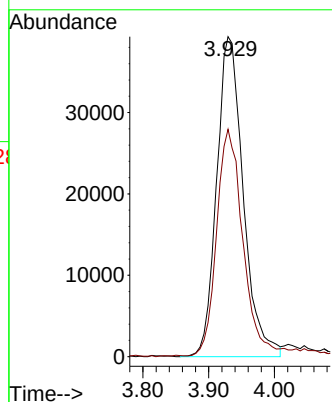
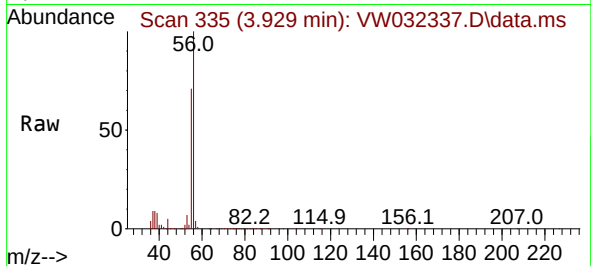




#13
Acrolein
Concen: 213.489 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

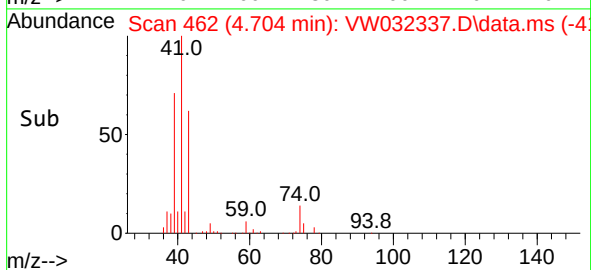
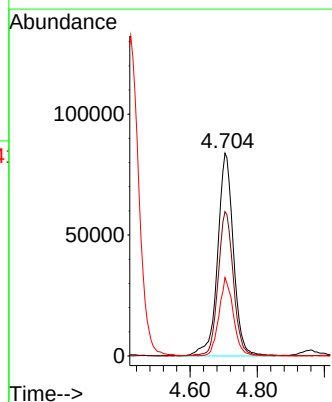
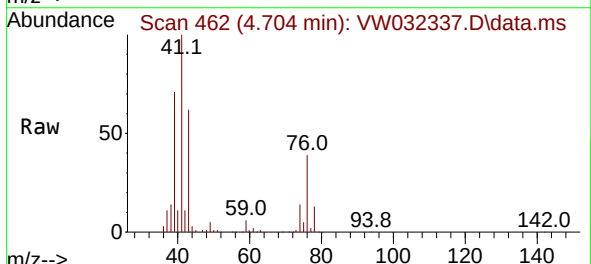
Instrument :
MSVOA_W
ClientSampleId :

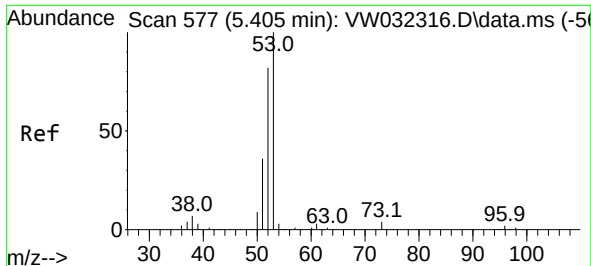
Tgt Ion: 56 Resp: 110581
Ion Ratio Lower Upper
56 100
55 70.3 56.4 84.6



#14
Allyl chloride
Concen: 49.981 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

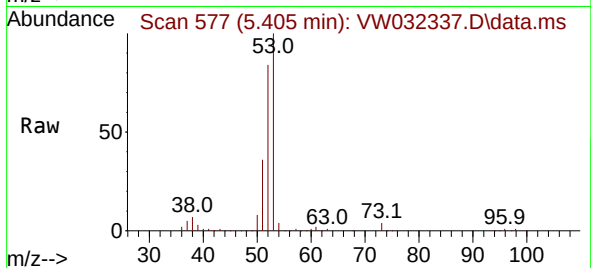
Tgt Ion: 41 Resp: 275042
Ion Ratio Lower Upper
41 100
39 68.5 64.1 96.1
76 34.5 31.4 47.2



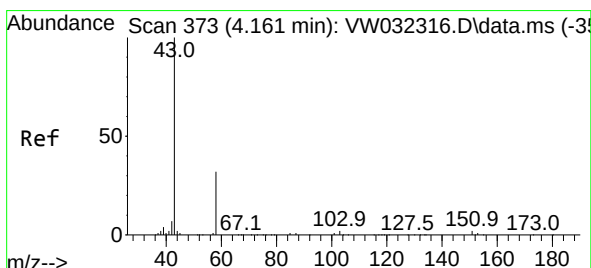
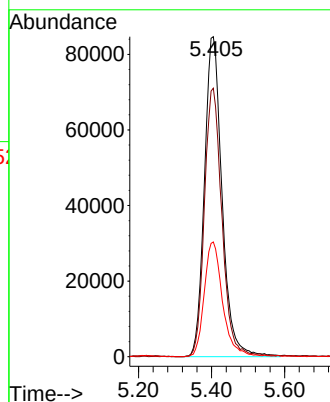
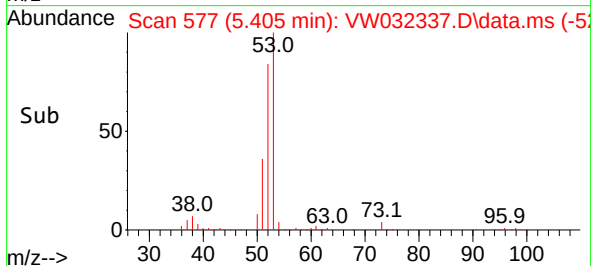


#15
Acrylonitrile
Concen: 251.232 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :

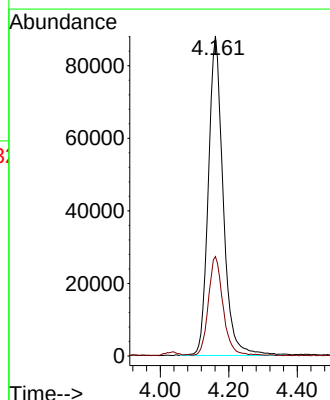
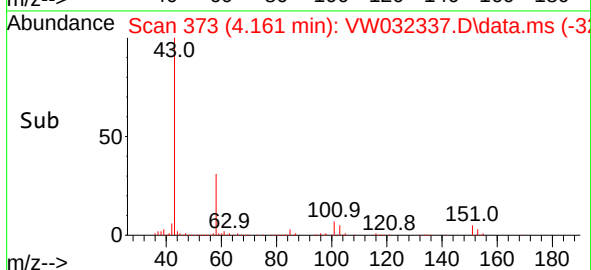
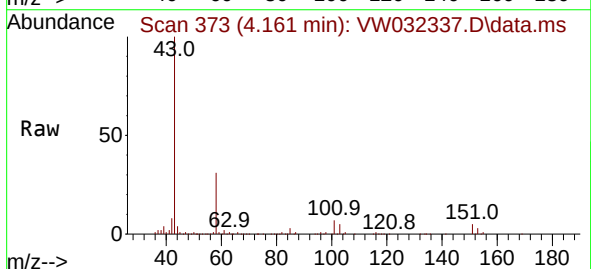


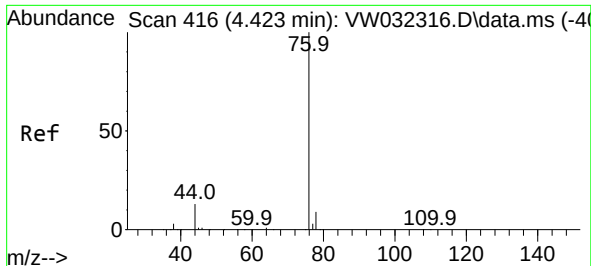
Tgt Ion: 53 Resp: 283368
Ion Ratio Lower Upper
53 100
52 83.3 67.4 101.2
51 37.3 30.3 45.5



#16
Acetone
Concen: 226.752 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 43 Resp: 264732
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9

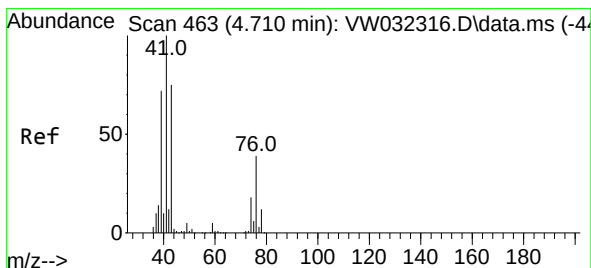
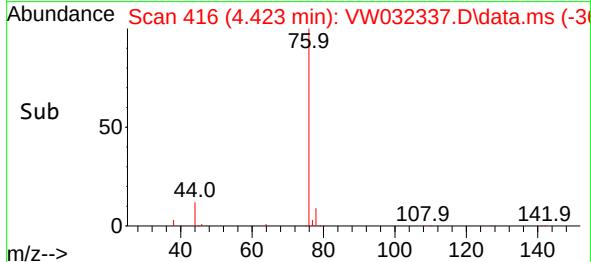
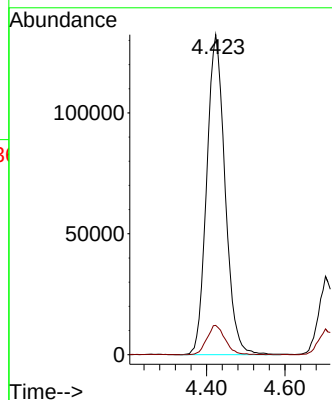
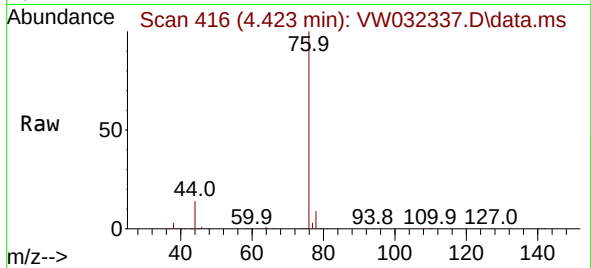




#17
Carbon Disulfide
Concen: 48.303 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

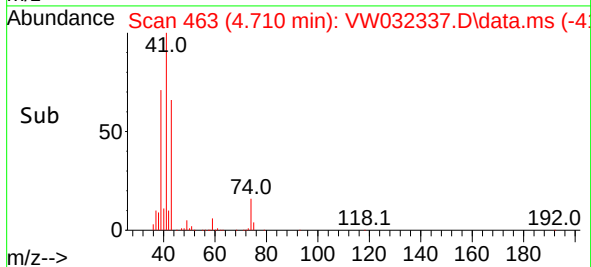
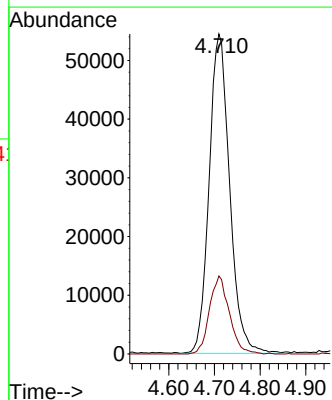
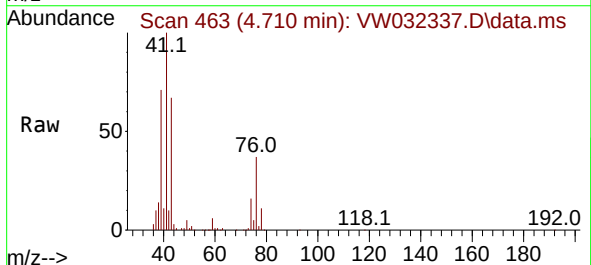
Instrument :
MSVOA_W
ClientSampleId :

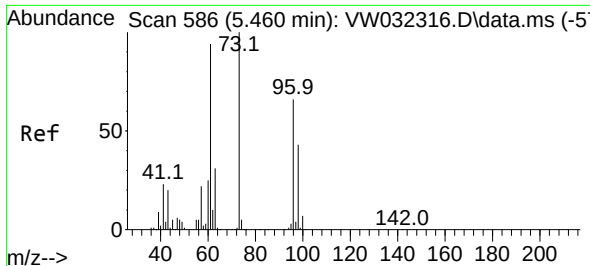
Tgt Ion: 76 Resp: 429382
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 50.828 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 43 Resp: 169988
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 52.125 ug/l

RT: 5.460 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

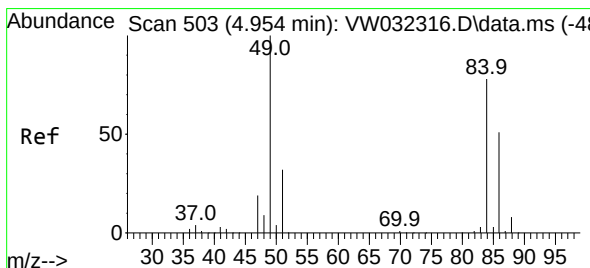
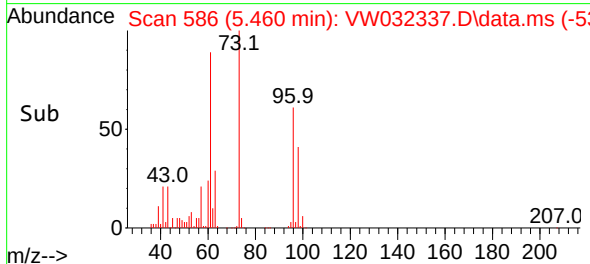
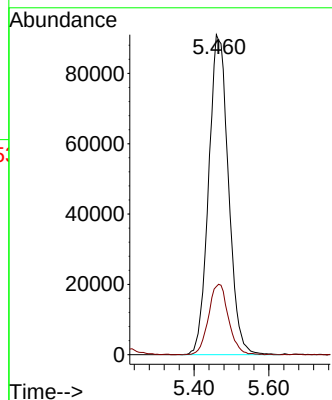
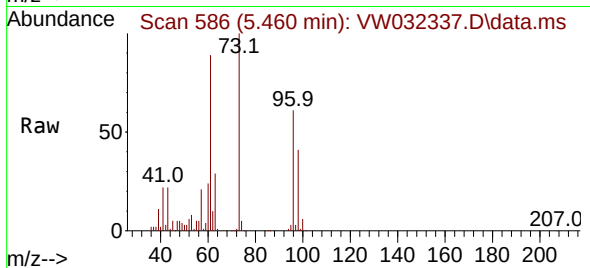
ClientSampleId :

Tgt Ion: 73 Resp: 334481

Ion Ratio Lower Upper

73 100

57 21.3 16.2 24.4



#20

Methylene Chloride

Concen: 56.274 ug/l

RT: 4.960 min Scan# 504

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Tgt Ion: 84 Resp: 214895

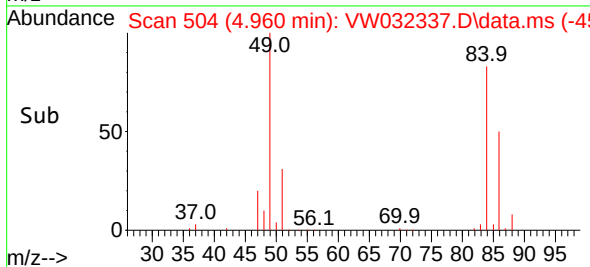
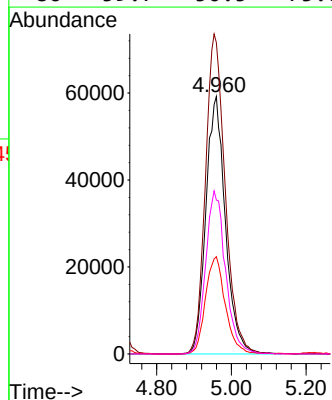
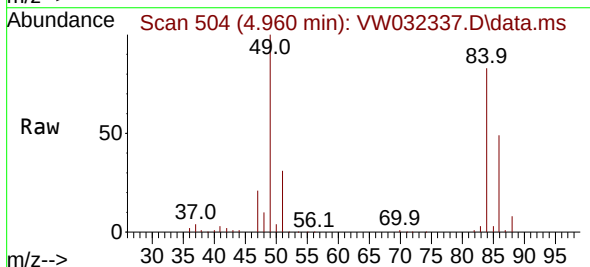
Ion Ratio Lower Upper

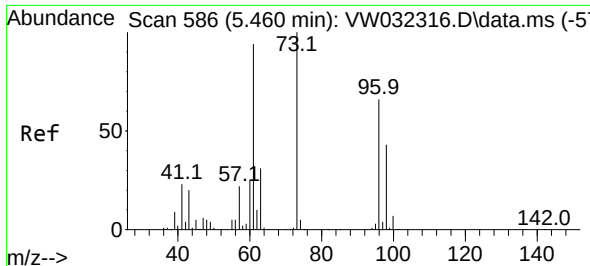
84 100

49 120.8 92.2 138.4

51 37.8 31.0 46.6

86 59.7 50.5 75.7

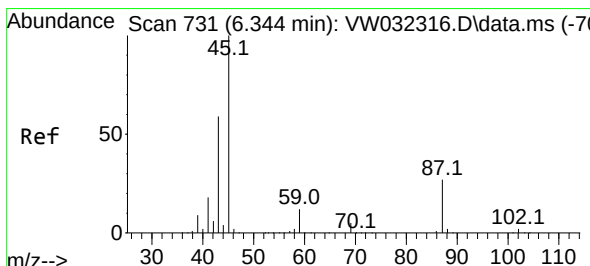
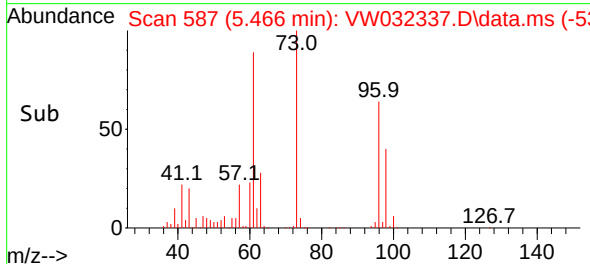
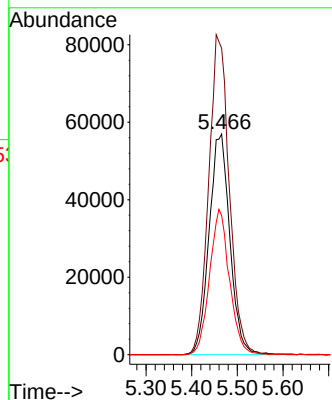
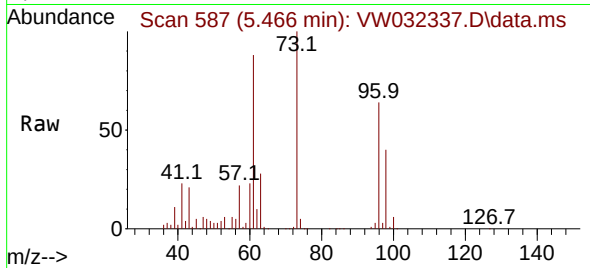




#21
trans-1,2-Dichloroethene
Concen: 49.851 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

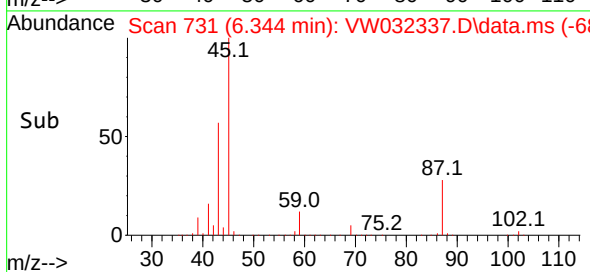
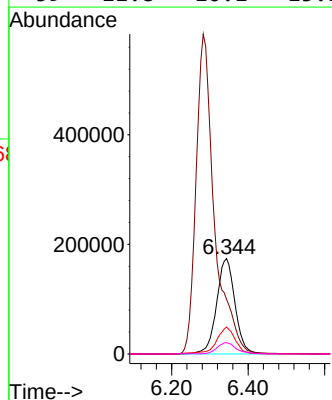
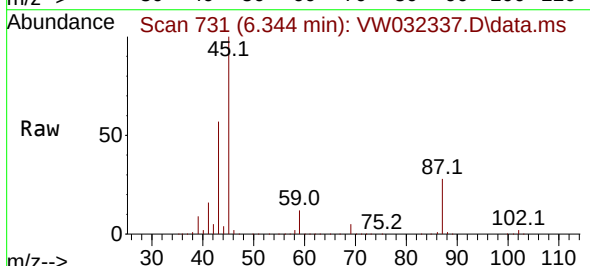
Instrument :
MSVOA_W
ClientSampleId :

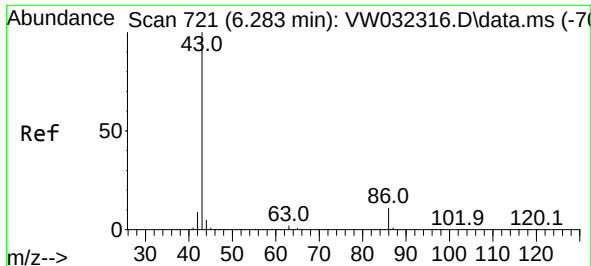
Tgt Ion: 96 Resp: 179814
Ion Ratio Lower Upper
96 100
61 138.9 112.5 168.7
98 63.1 54.2 81.4



#22
Diisopropyl ether
Concen: 50.867 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 45 Resp: 582144
Ion Ratio Lower Upper
45 100
43 56.7 51.4 77.2
87 28.2 25.9 38.9
59 11.8 10.1 15.1

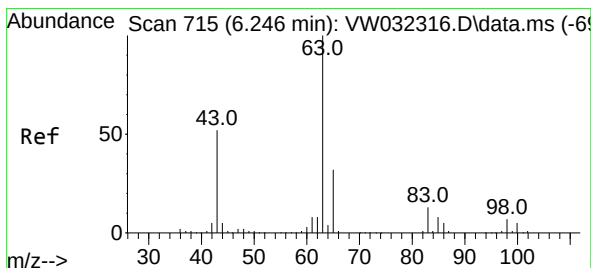
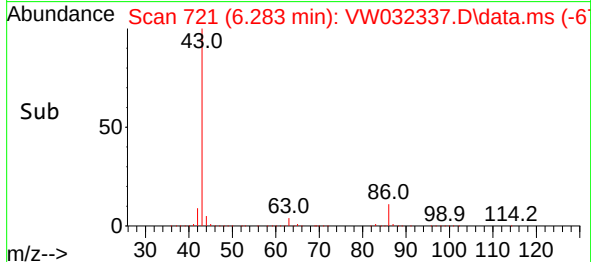
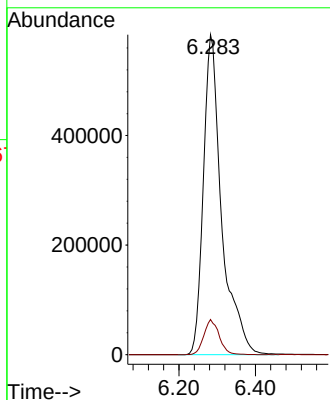
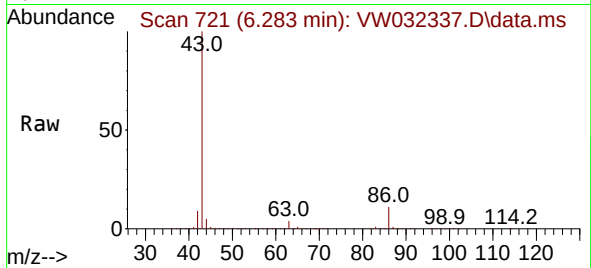




#23
 Vinyl Acetate
 Concen: 253.772 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

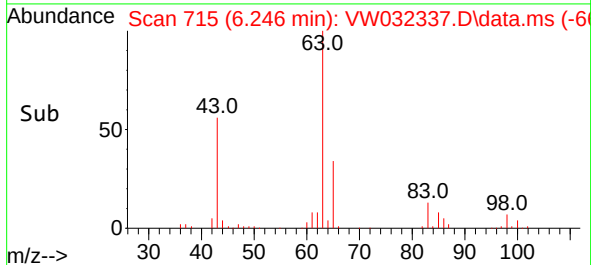
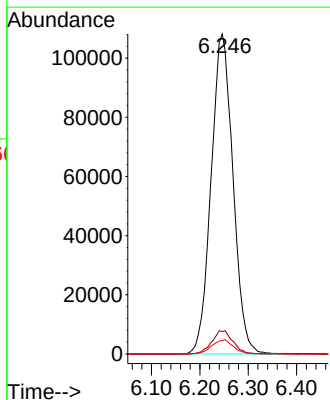
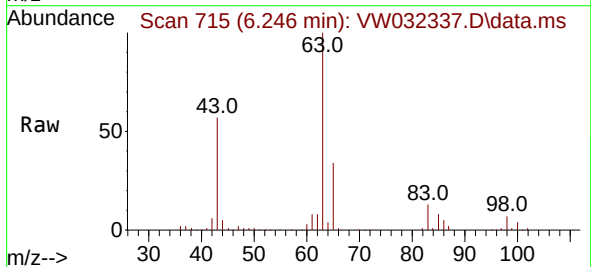
Instrument :
 MSVOA_W
 ClientSampleId :

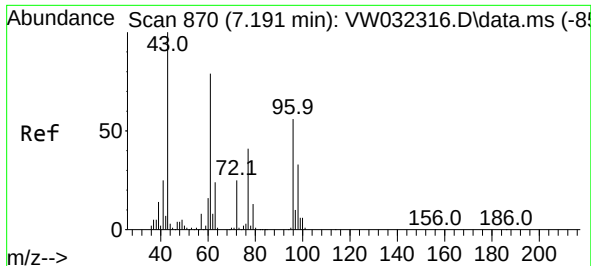
Tgt Ion: 43 Resp: 1939851
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 48.857 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion: 63 Resp: 339695
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.2 2.5 7.5

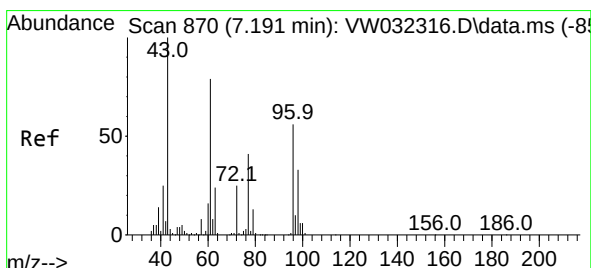
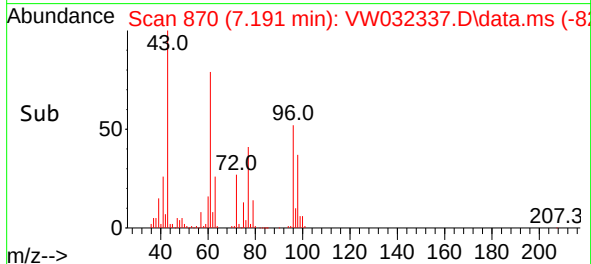
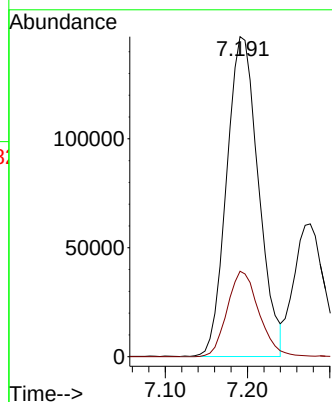
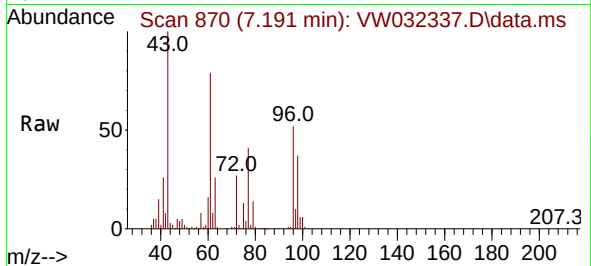




#25
2-Butanone
Concen: 248.793 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

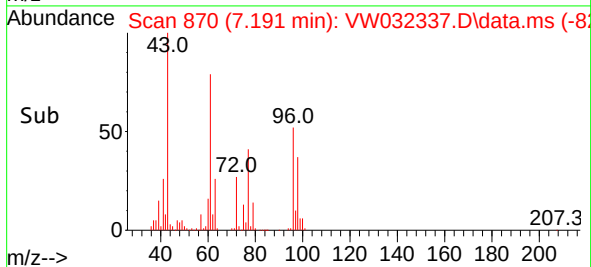
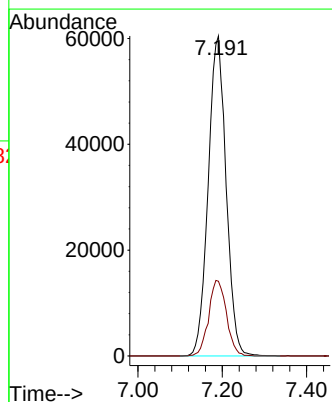
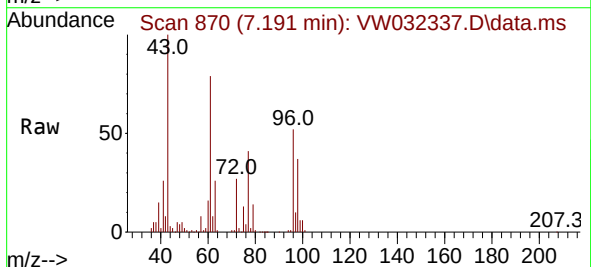
Instrument :
MSVOA_W
ClientSampleId :

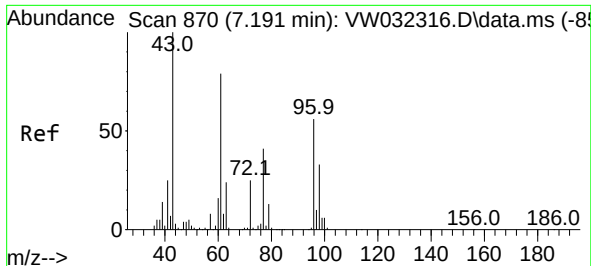
Tgt Ion: 43 Resp: 395597
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 50.159 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 77 Resp: 178392
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5

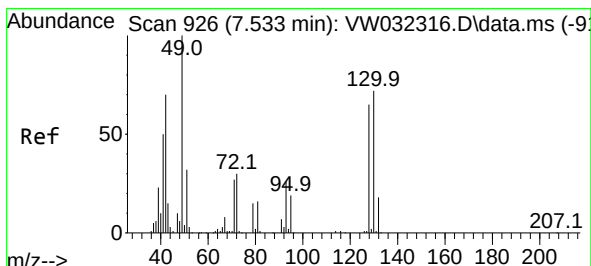
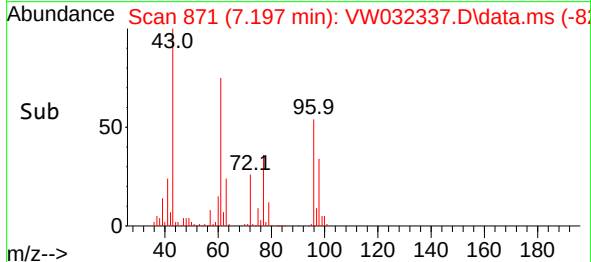
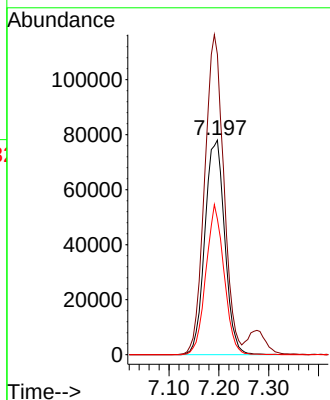
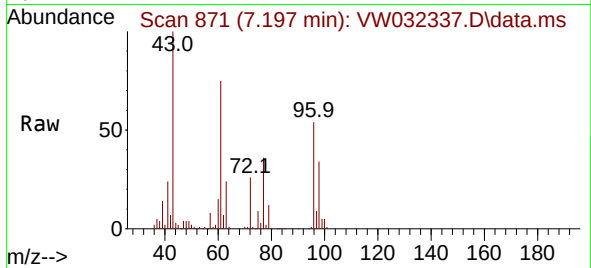




#27
 cis-1,2-Dichloroethene
 Concen: 49.808 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

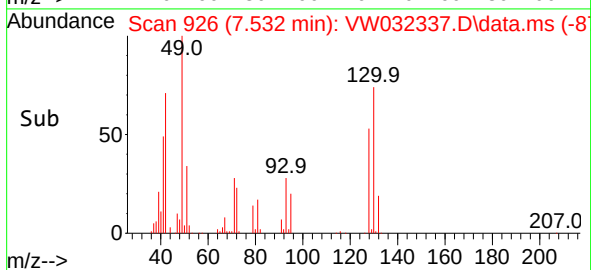
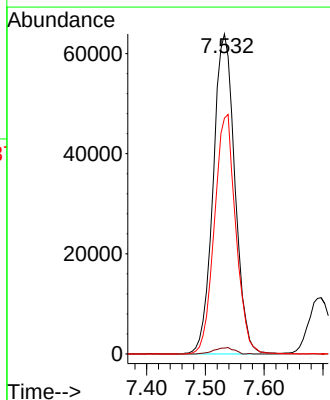
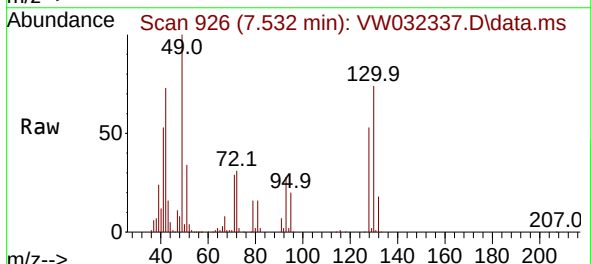
Instrument :
 MSVOA_W
 ClientSampleId :

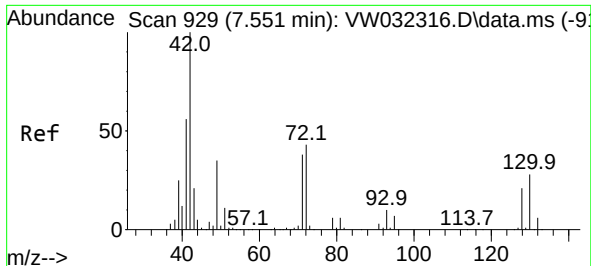
Tgt Ion: 96 Resp: 215834
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 268.0
 98 64.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.122 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion: 49 Resp: 163959
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 73.8 67.5 101.3

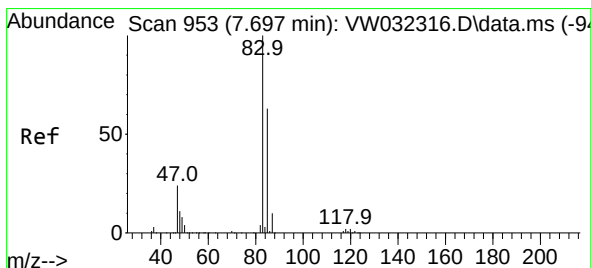
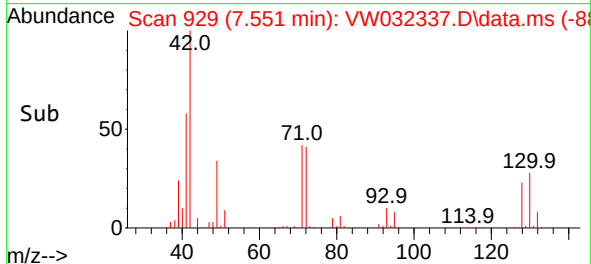
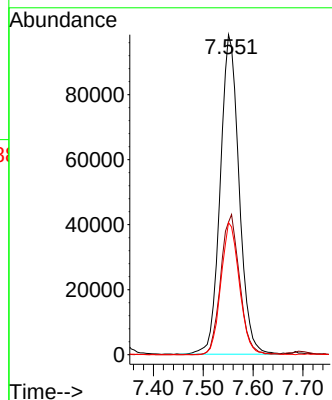
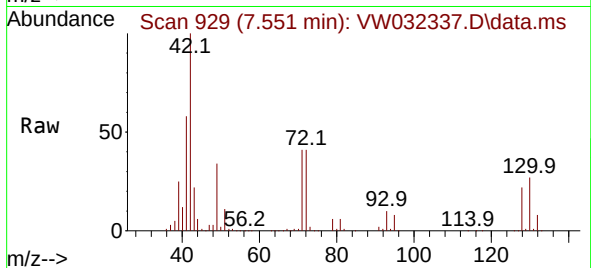




#29
Tetrahydrofuran
Concen: 258.531 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

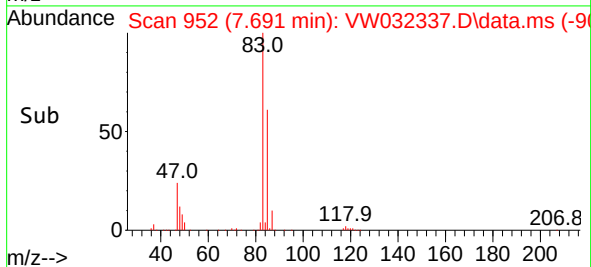
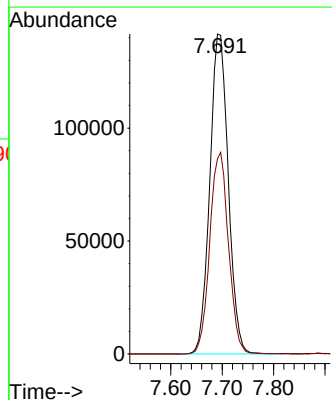
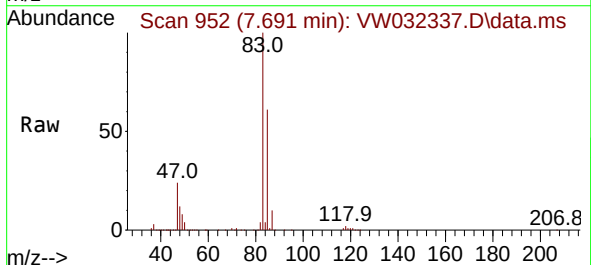
Instrument :
MSVOA_W
ClientSampleId :

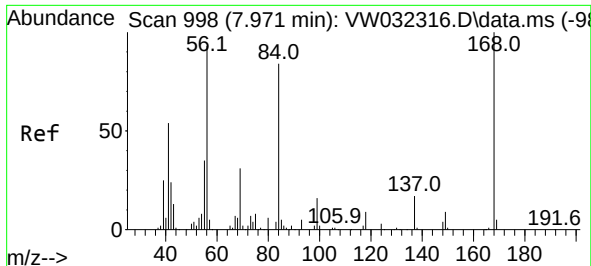
Tgt Ion: 42 Resp: 258517
Ion Ratio Lower Upper
42 100
72 43.9 37.4 56.2
71 40.5 36.0 54.0



#30
Chloroform
Concen: 50.093 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 83 Resp: 353226
Ion Ratio Lower Upper
83 100
85 61.0 51.2 76.8

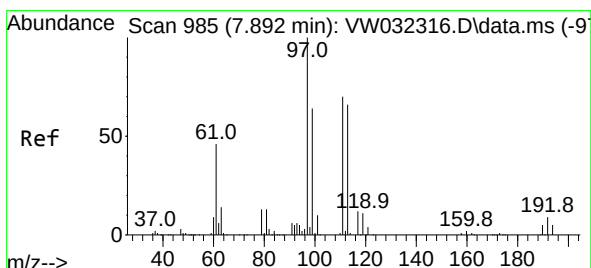
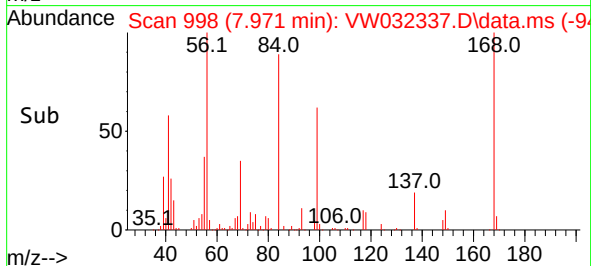
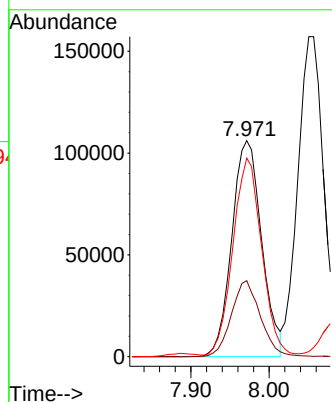
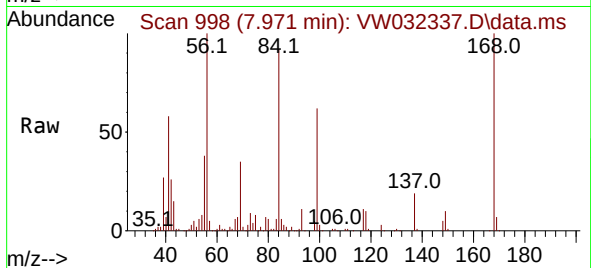




#31
Cyclohexane
Concen: 47.302 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

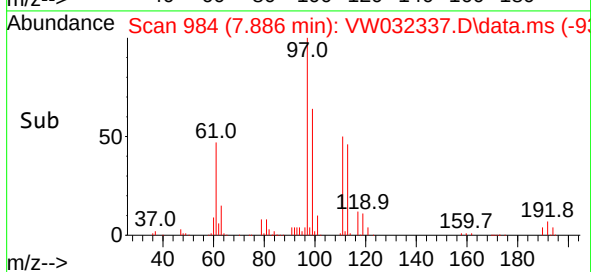
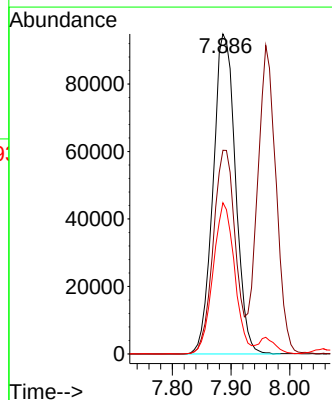
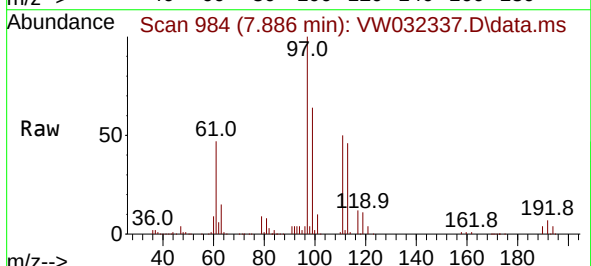
Instrument :
MSVOA_W
ClientSampleId :

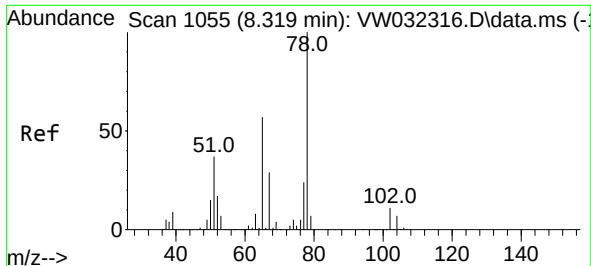
Tgt Ion: 56 Resp: 280772
Ion Ratio Lower Upper
56 100
69 35.2 27.7 41.5
84 90.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 50.160 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 97 Resp: 250636
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 45.6 36.2 54.4

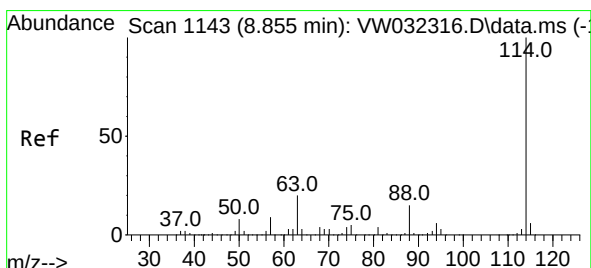
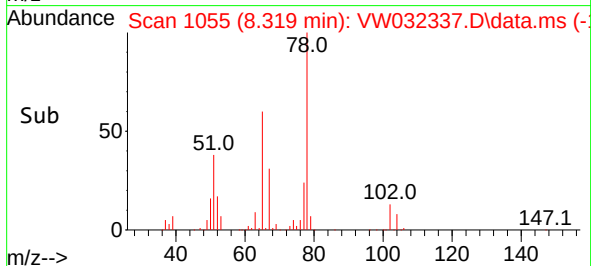
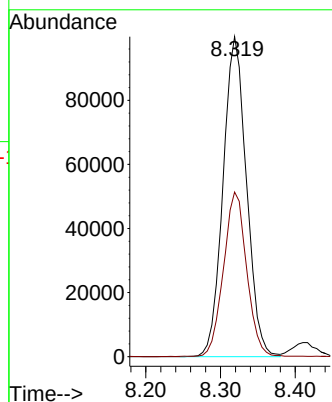
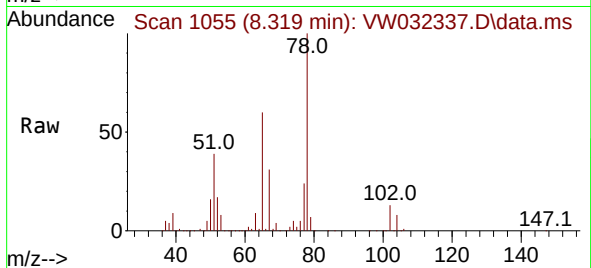




#33
 1,2-Dichloroethane-d4
 Concen: 51.649 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

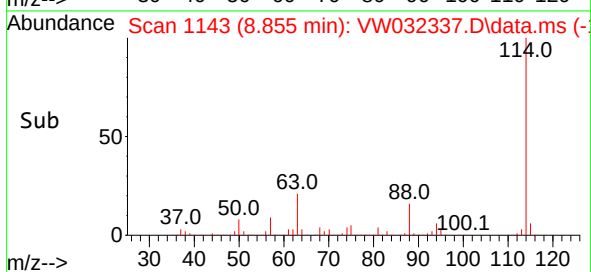
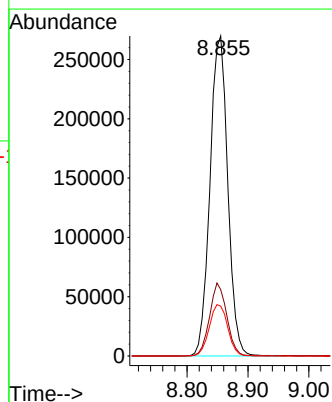
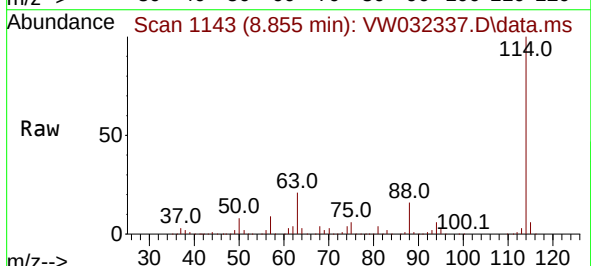
Instrument :
 MSVOA_W
 ClientSampleId :

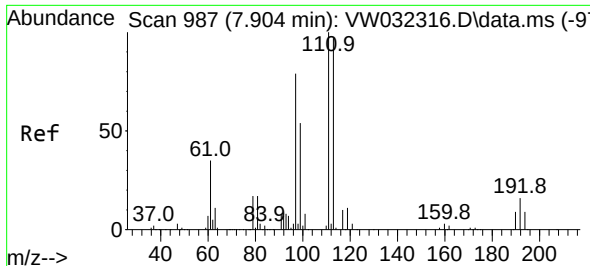
Tgt Ion: 65 Resp: 217775
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion: 114 Resp: 546534
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.6 0.0 32.0

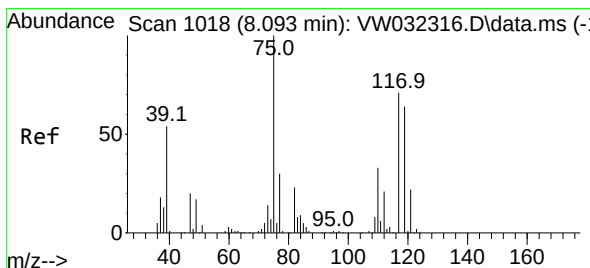
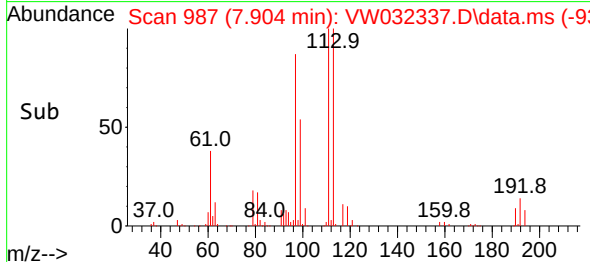
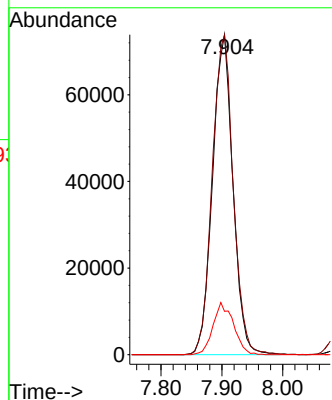
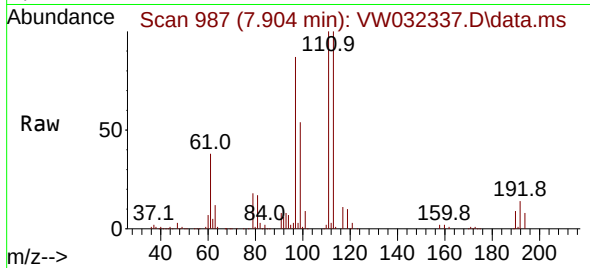




#35
 Dibromofluoromethane
 Concen: 48.626 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

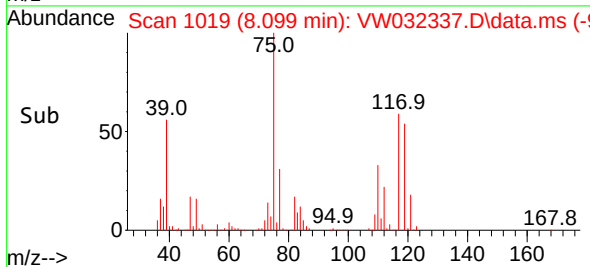
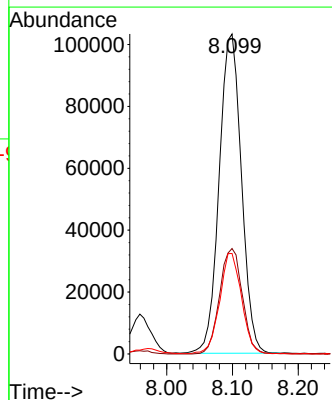
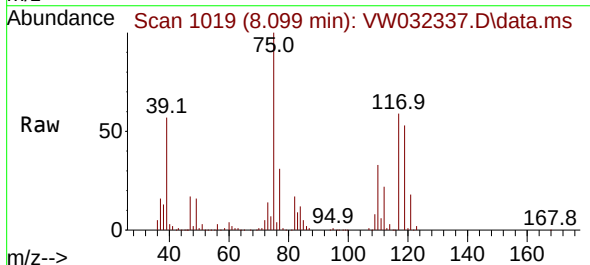
Instrument :
 MSVOA_W
 ClientSampleId :

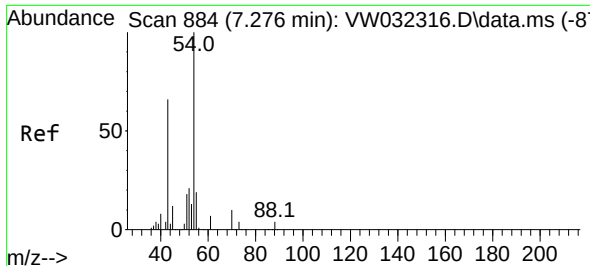
Tgt Ion:113 Resp: 172106
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.9 125.9
 192 16.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 48.626 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion: 75 Resp: 242895
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.5 52.5
 77 31.2 24.1 36.1





#37

Ethyl Acetate

Concen: 48.638 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

ClientSampleId :

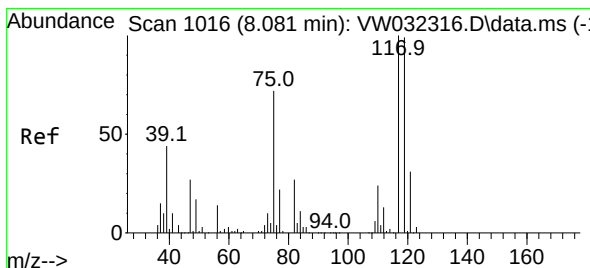
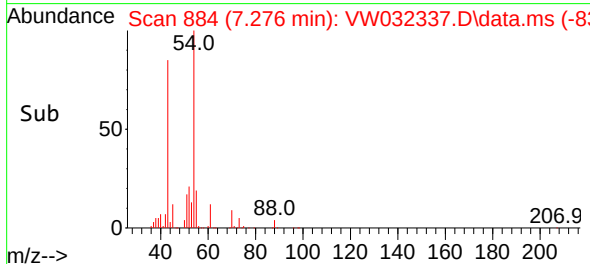
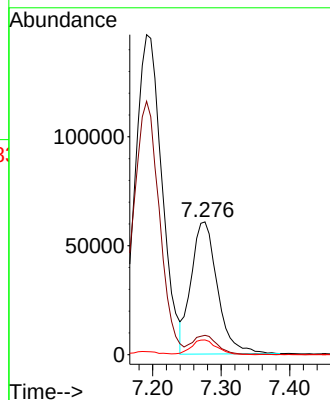
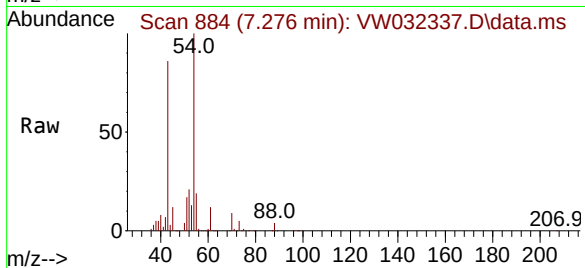
Tgt Ion: 43 Resp: 161714

Ion Ratio Lower Upper

43 100

61 14.4 11.3 16.9

70 10.9 8.9 13.3



#38

Carbon Tetrachloride

Concen: 48.310 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

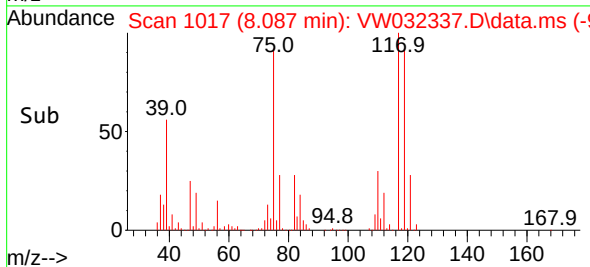
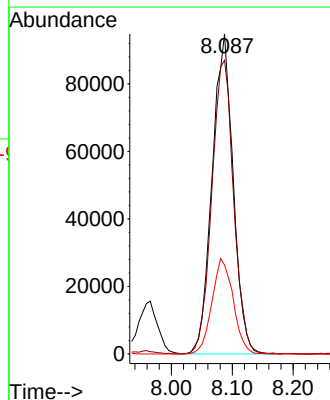
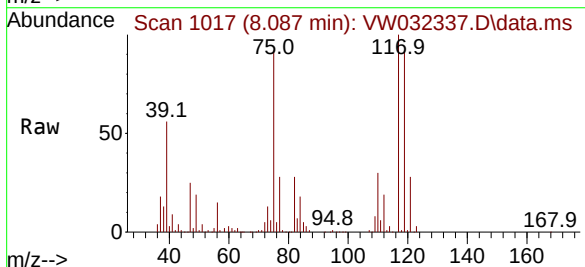
Tgt Ion: 117 Resp: 227082

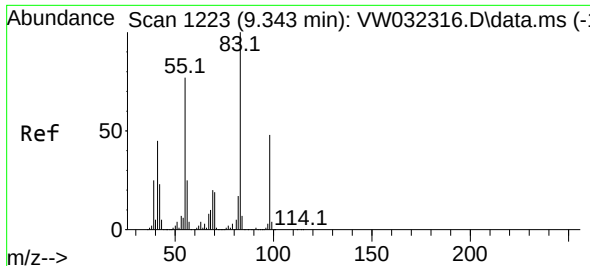
Ion Ratio Lower Upper

117 100

119 91.8 74.2 111.2

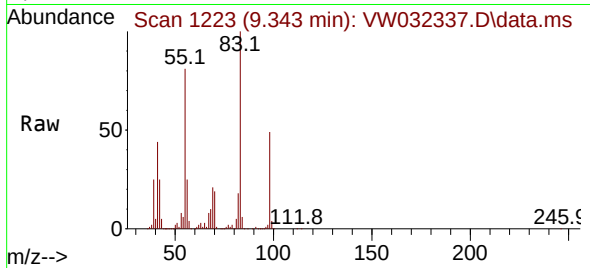
121 27.8 25.6 38.4



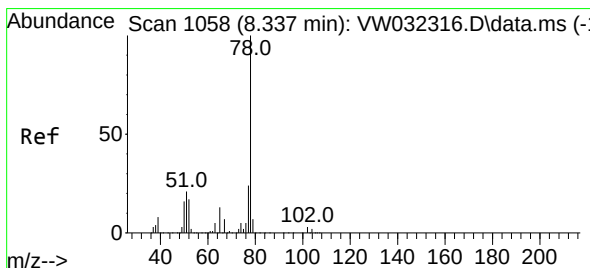
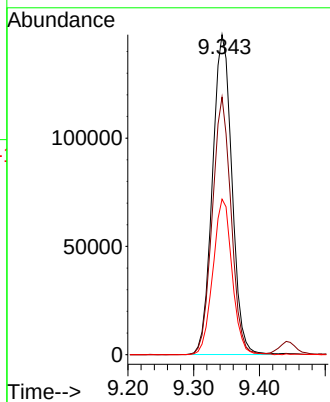
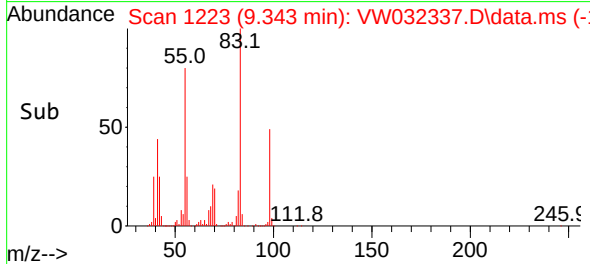


#39
Methylcyclohexane
Concen: 50.582 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :

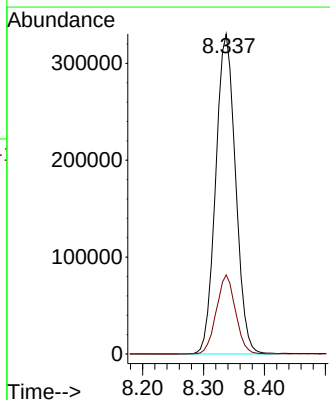
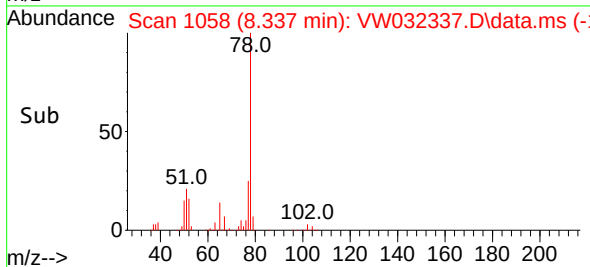
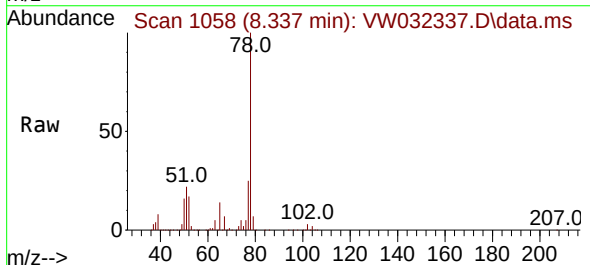


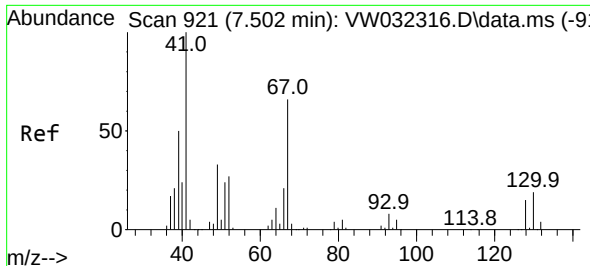
Tgt Ion: 83 Resp: 304767
Ion Ratio Lower Upper
83 100
55 80.5 58.4 87.6
98 48.6 39.4 59.2



#40
Benzene
Concen: 47.762 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 78 Resp: 747812
Ion Ratio Lower Upper
78 100
77 24.7 20.7 31.1

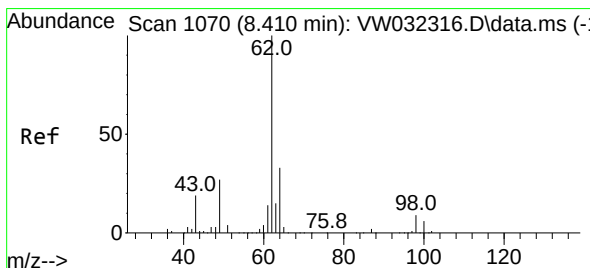
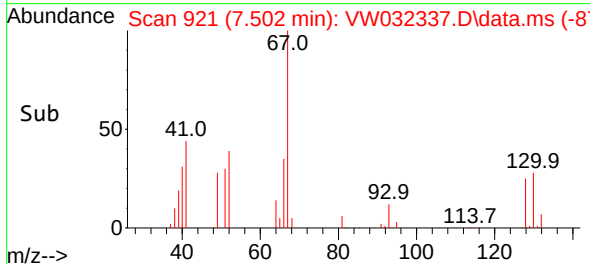
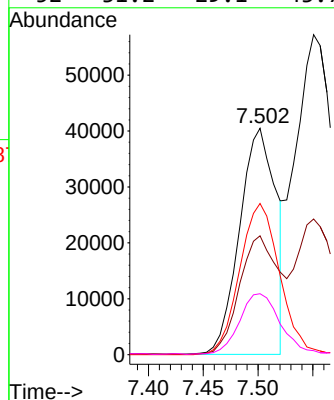
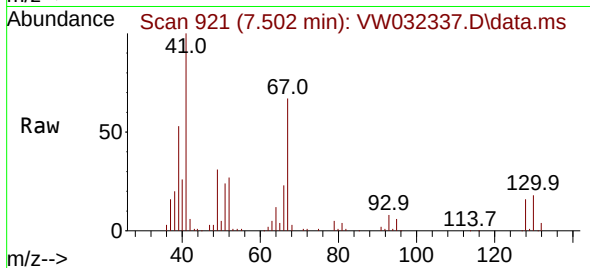




#41
Methacrylonitrile
Concen: 52.183 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

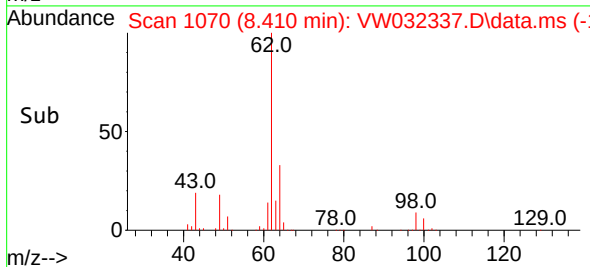
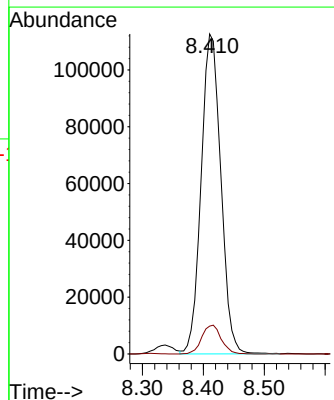
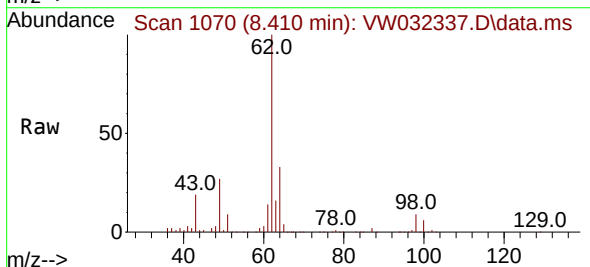
Instrument :
MSVOA_W
ClientSampleId :

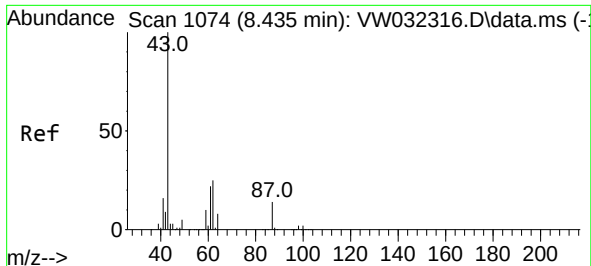
Tgt Ion: 41	Resp: 93503
Ion Ratio	Lower Upper
41 100	
39 58.1	50.9 76.3
67 74.0	65.6 98.4
52 31.2	29.1 43.7



#42
1,2-Dichloroethane
Concen: 49.392 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 62	Resp: 253041
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.0

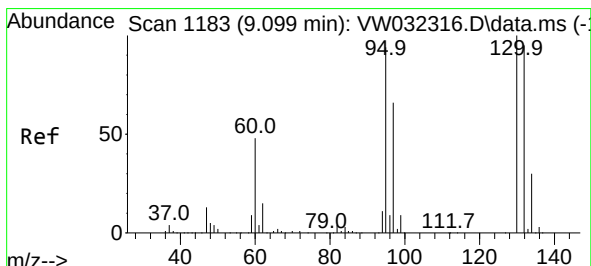
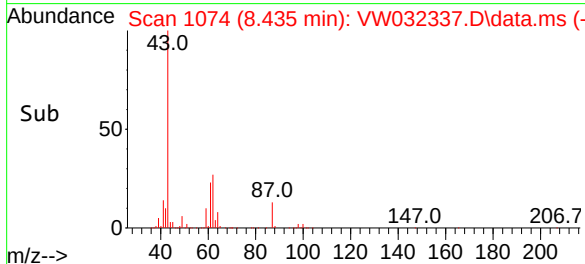
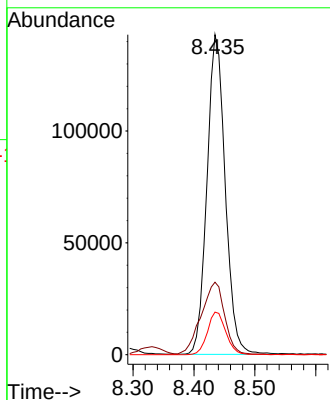
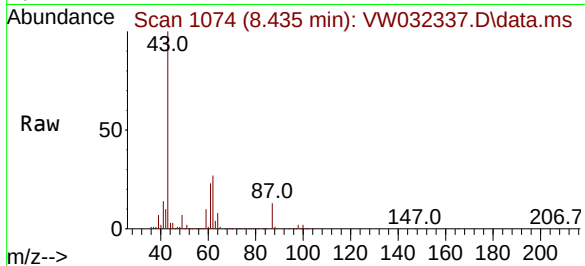




#43
Isopropyl Acetate
Concen: 50.483 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

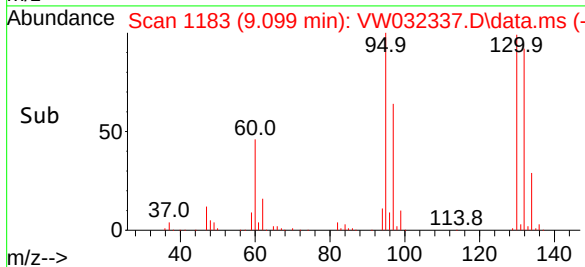
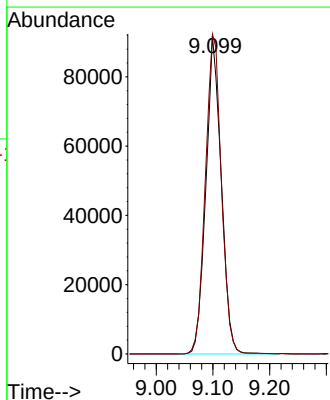
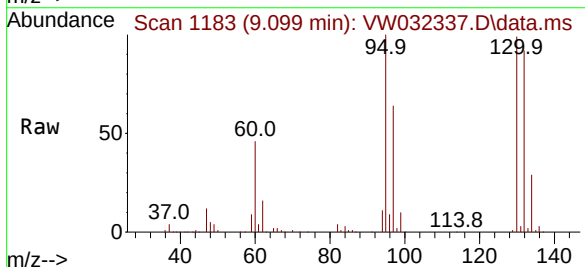
Instrument :
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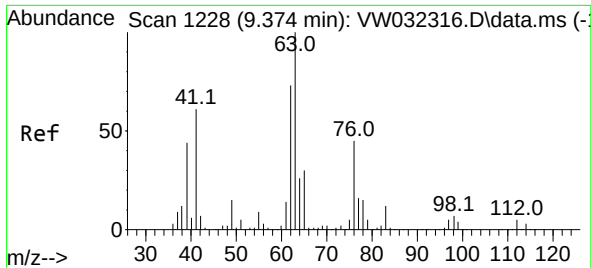
Tgt Ion: 43 Resp: 297757
Ion Ratio Lower Upper
43 100
61 29.0 23.3 34.9
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 47.020 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion:130 Resp: 172380
Ion Ratio Lower Upper
130 100
95 100.7 0.0 220.0

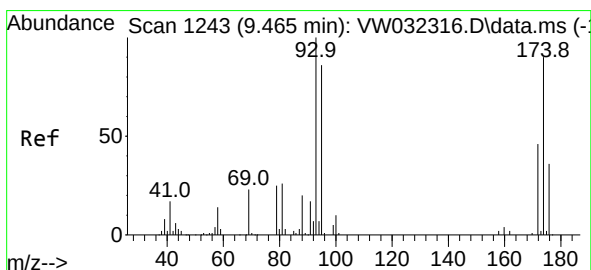
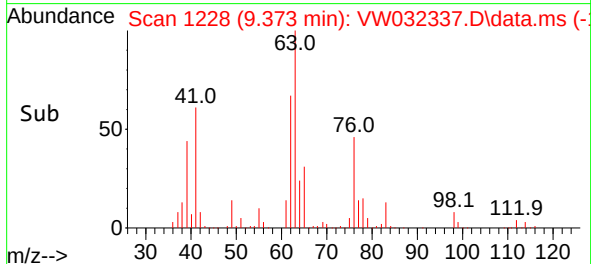
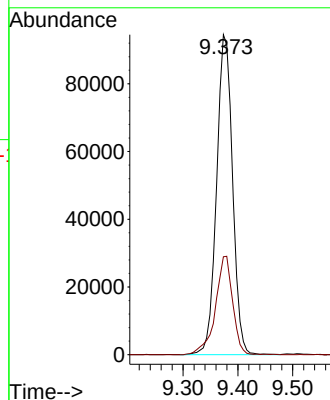
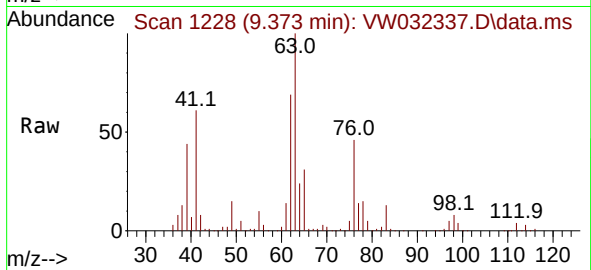




#45
1,2-Dichloropropane
Concen: 48.974 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

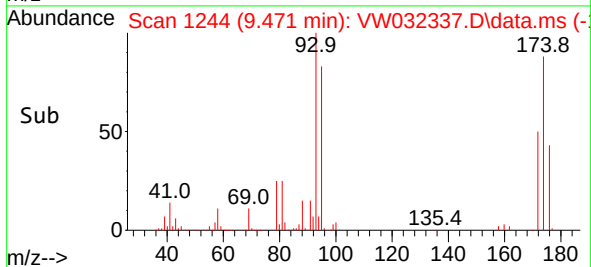
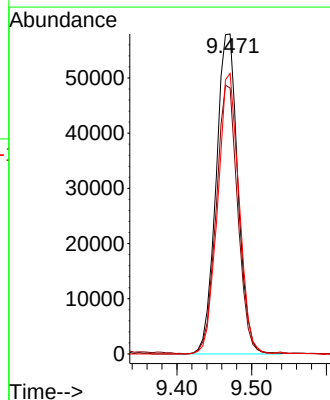
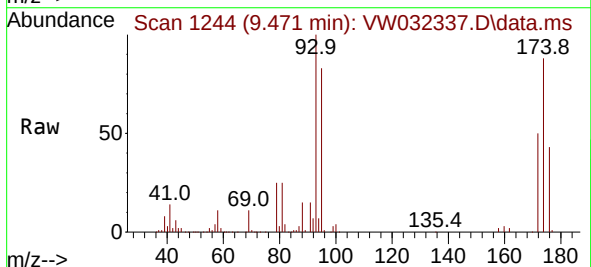
Instrument :
MSVOA_W
ClientSampleId :

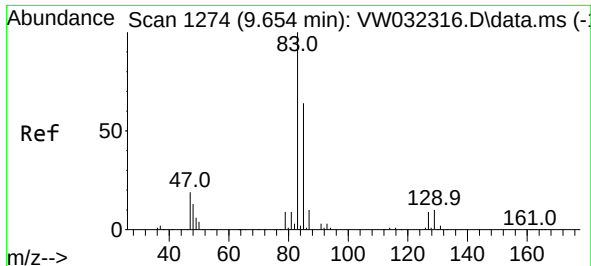
Tgt Ion: 63 Resp: 191395
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5



#46
Dibromomethane
Concen: 49.036 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 93 Resp: 117841
Ion Ratio Lower Upper
93 100
95 83.0 67.4 101.2
174 85.8 75.7 113.5

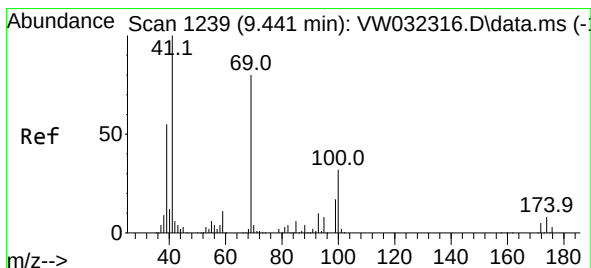
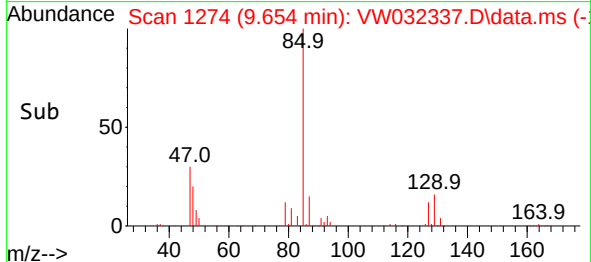
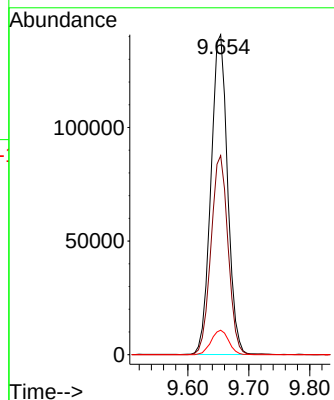
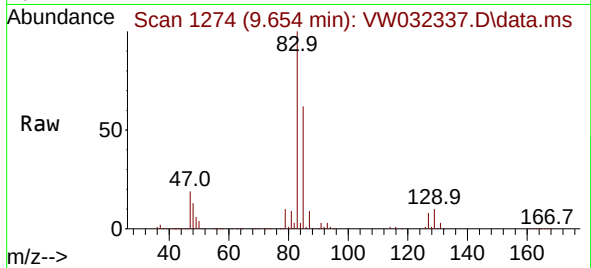




#47
 Bromodichloromethane
 Concen: 48.628 ug/l
 RT: 9.654 min Scan# 1274
 Delta R.T. 0.006 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

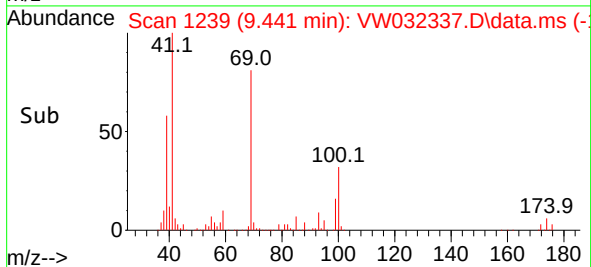
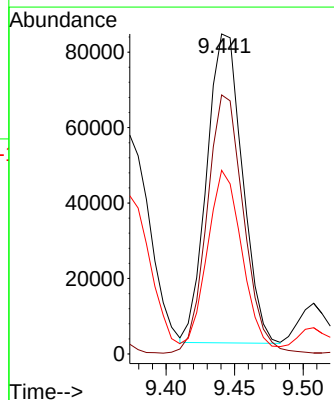
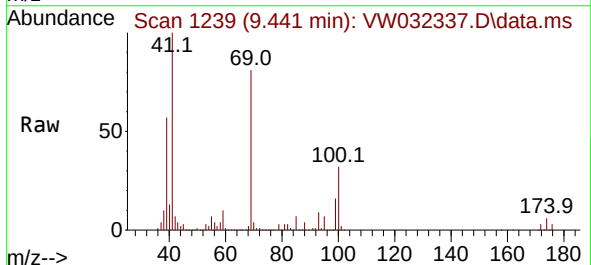
Instrument :
 MSVOA_W
 ClientSampleId :

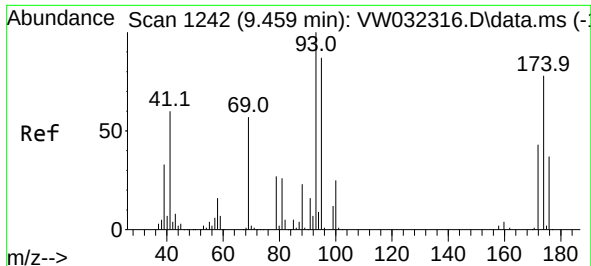
Tgt Ion: 83 Resp: 267284
 Ion Ratio Lower Upper
 83 100
 85 62.2 48.7 73.1
 127 7.7 6.4 9.6



#48
 Methyl methacrylate
 Concen: 51.504 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion: 41 Resp: 147699
 Ion Ratio Lower Upper
 41 100
 69 86.1 71.5 107.3
 39 54.5 55.9 83.9#

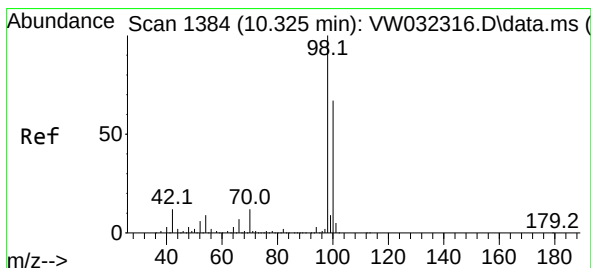
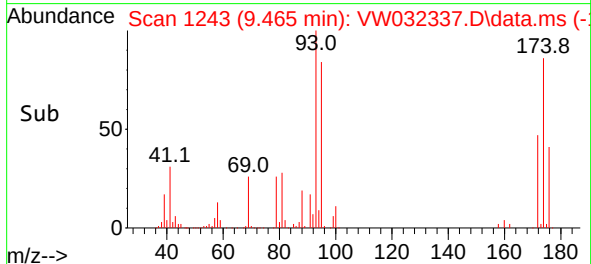
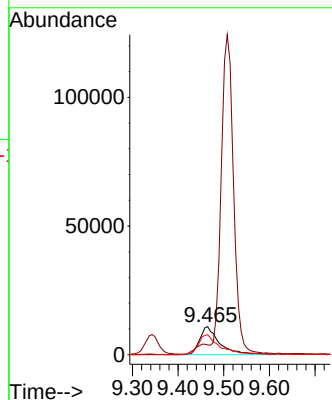
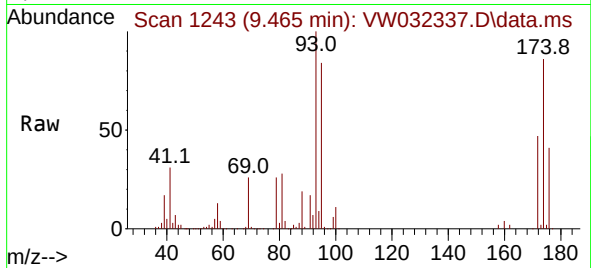




#49
1,4-Dioxane
Concen: 1007.931 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

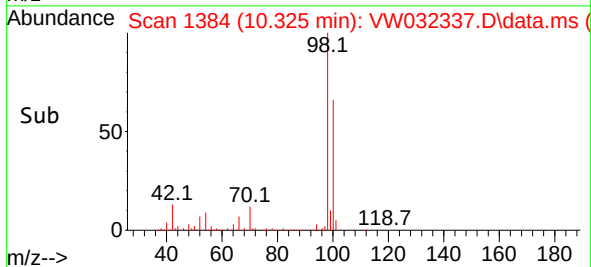
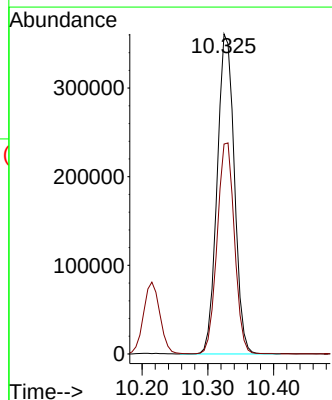
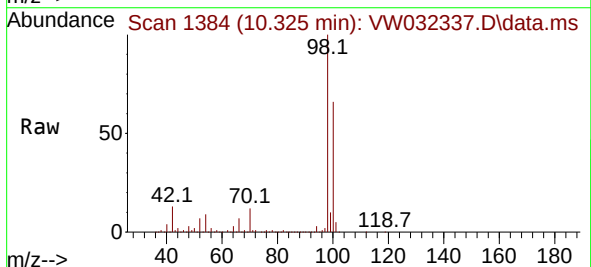
Instrument :
MSVOA_W
ClientSampleId :

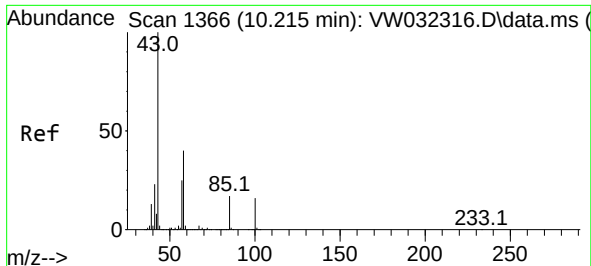
Tgt Ion: 88 Resp: 33107
Ion Ratio Lower Upper
88 100
43 26.6 18.0 27.0
58 74.7 55.4 83.0



#50
Toluene-d8
Concen: 50.195 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 98 Resp: 655709
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.2

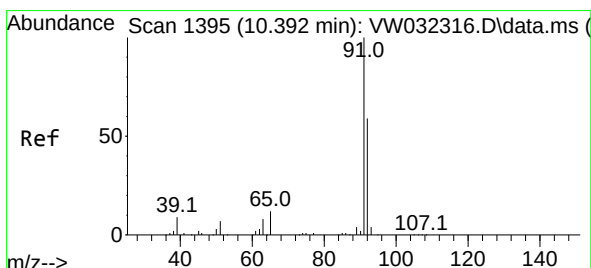
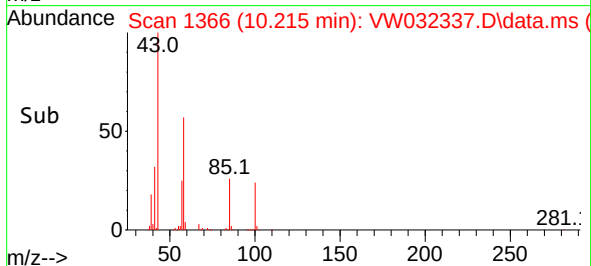
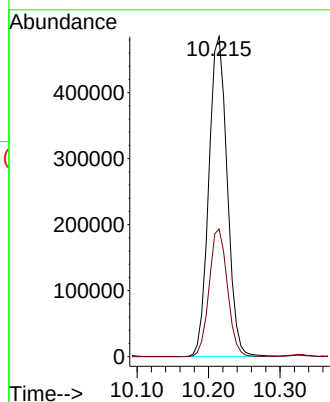
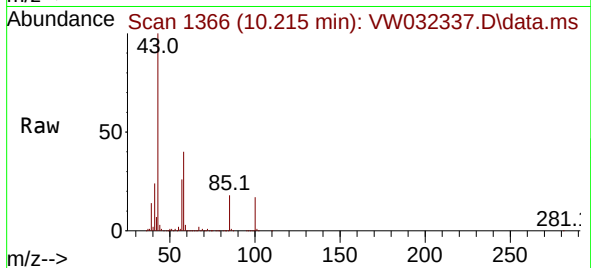




#51
4-Methyl-2-Pentanone
Concen: 254.045 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

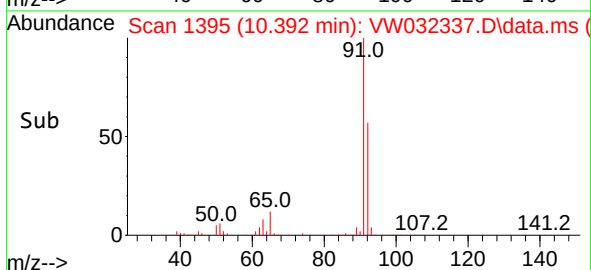
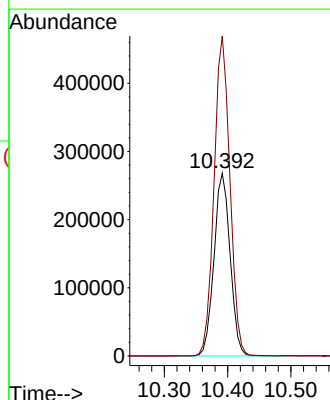
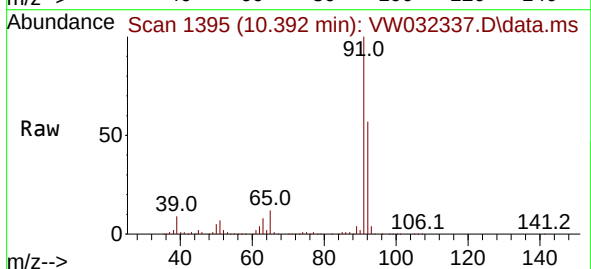
Instrument :
MSVOA_W
ClientSampleId :

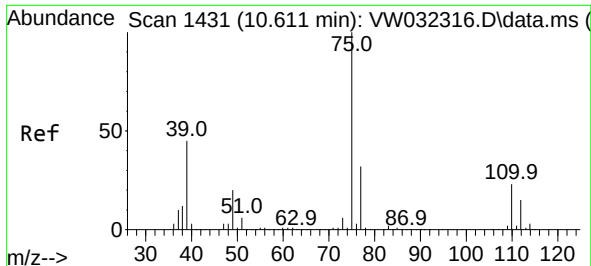
Tgt Ion: 43 Resp: 867876
Ion Ratio Lower Upper
43 100
58 39.7 32.0 48.0



#52
Toluene
Concen: 48.540 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 92 Resp: 473285
Ion Ratio Lower Upper
92 100
91 172.5 137.5 206.3

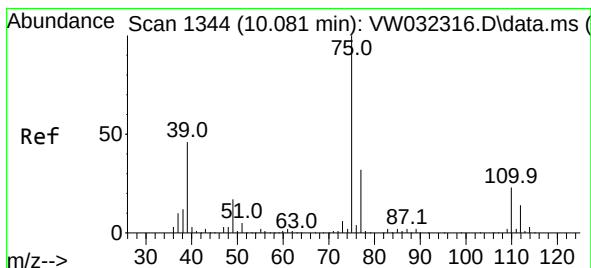
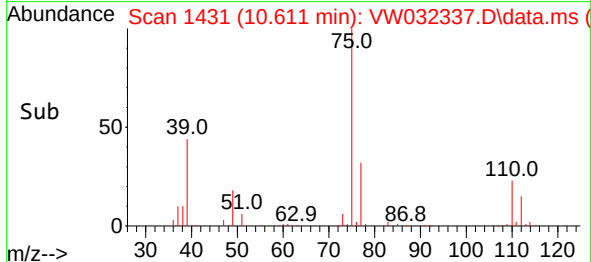
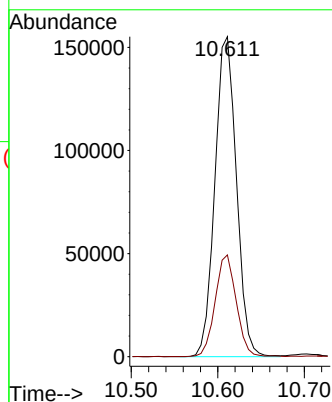
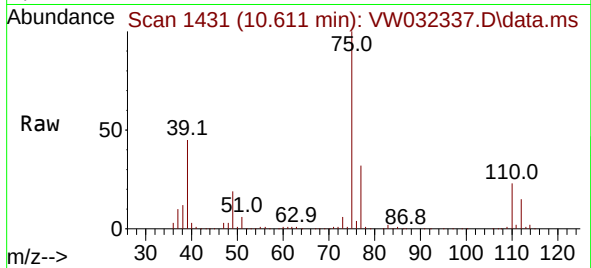




#53
 t-1,3-Dichloropropene
 Concen: 50.301 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

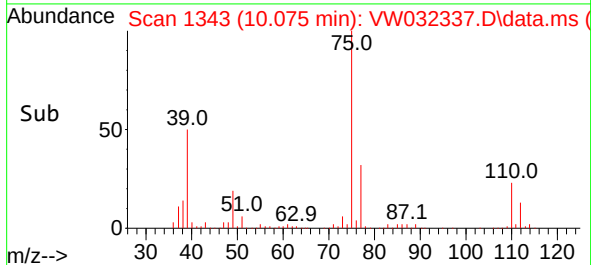
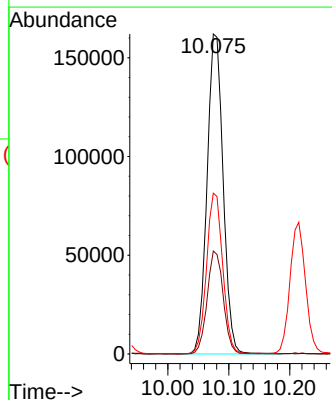
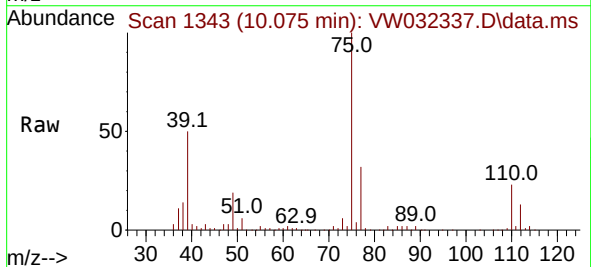
Instrument :
 MSVOA_W
 ClientSampleId :

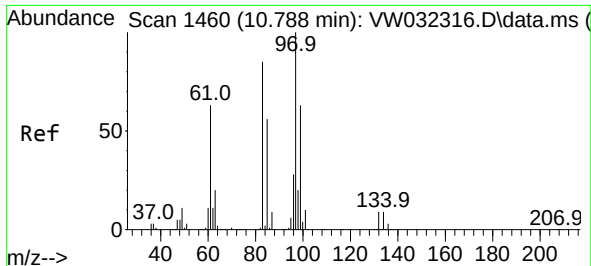
Tgt Ion: 75 Resp: 268233
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.366 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

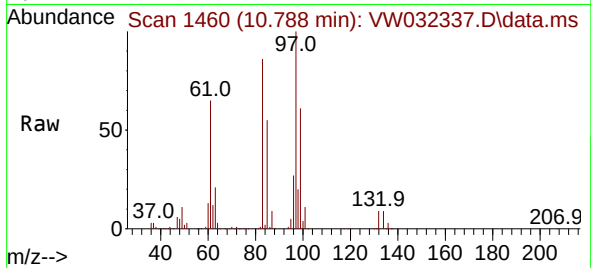
Tgt Ion: 75 Resp: 297085
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7
 39 50.2 43.2 64.8



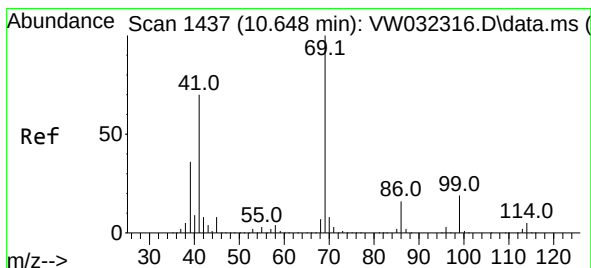
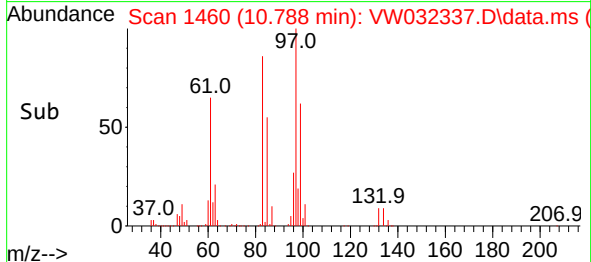
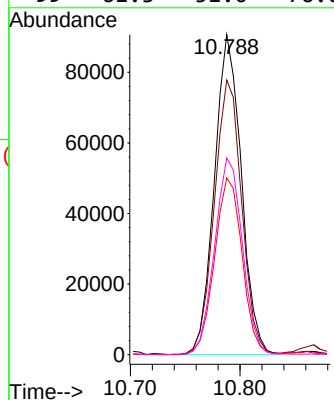


#55
1,1,2-Trichloroethane
Concen: 48.204 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Instrument :
MSVOA_W
ClientSampleId :

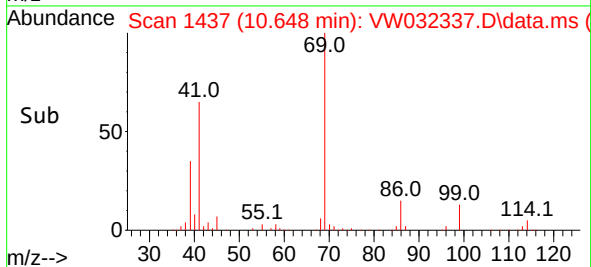
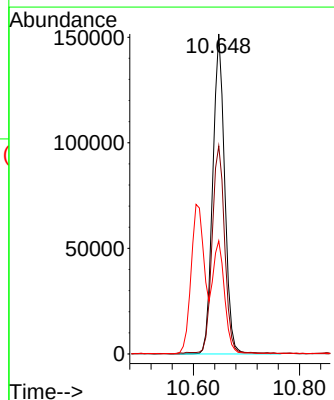
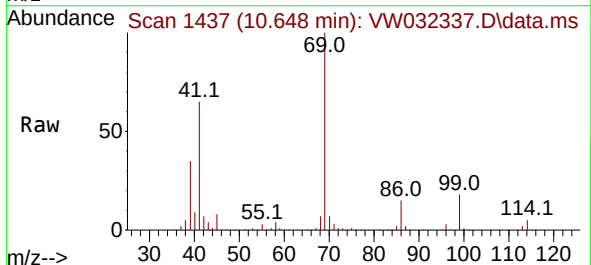


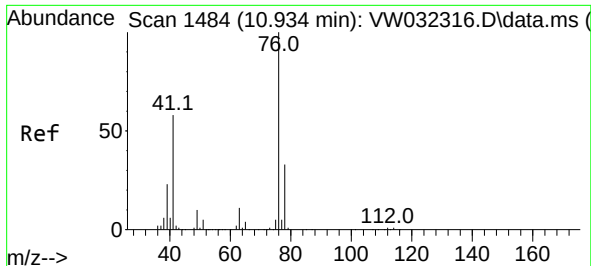
Tgt Ion:	97	Resp:	154823
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.0	106.6
85	55.2	42.8	64.2
99	61.3	51.0	76.6



#56
Ethyl methacrylate
Concen: 52.769 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion:	69	Resp:	237225
Ion	Ratio	Lower	Upper
69	100		
41	68.7	53.2	79.8
39	34.2	32.9	49.3





#57

1,3-Dichloropropane

Concen: 49.775 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

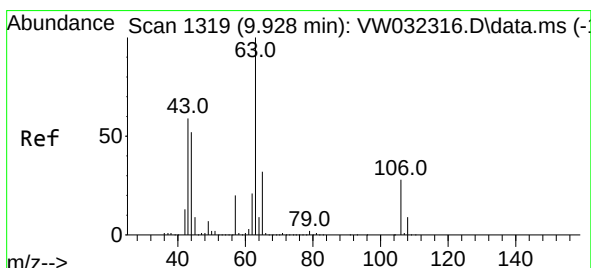
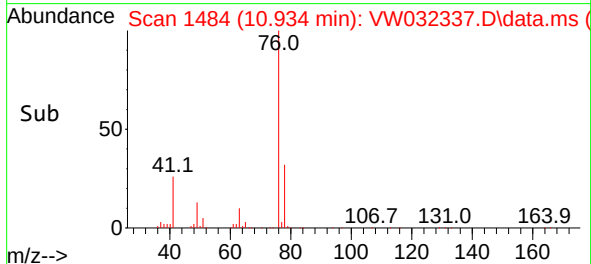
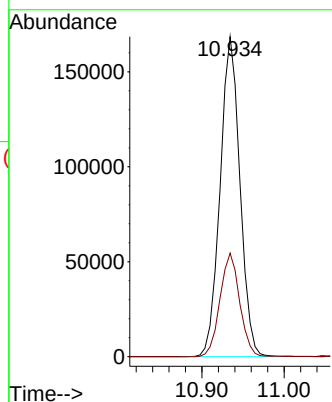
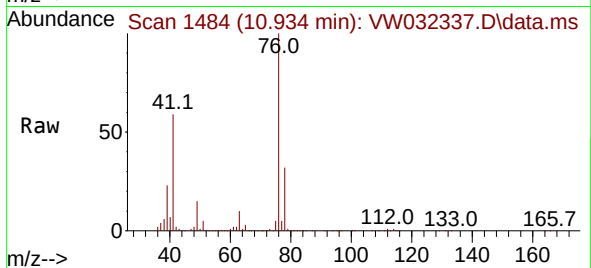
ClientSampleId :

Tgt Ion: 76 Resp: 282359

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.686 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032337.D

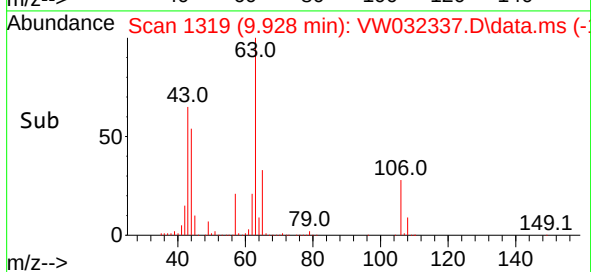
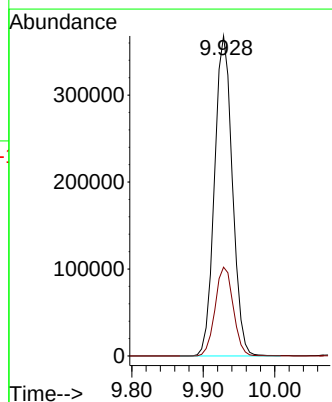
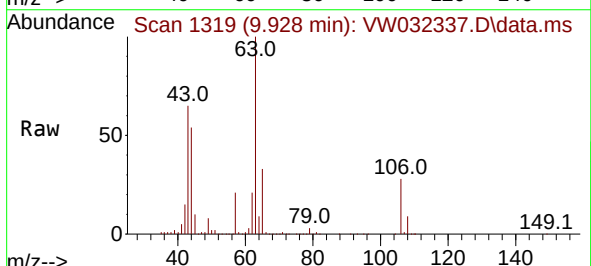
Acq: 02 Oct 2025 16:53

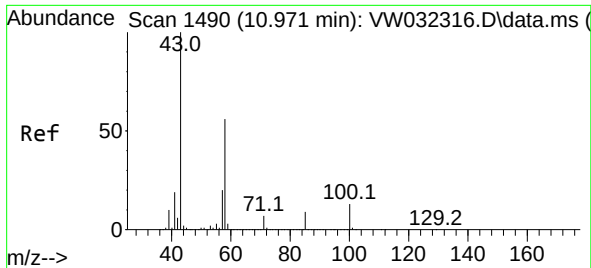
Tgt Ion: 63 Resp: 638058

Ion Ratio Lower Upper

63 100

106 28.2 24.3 36.5

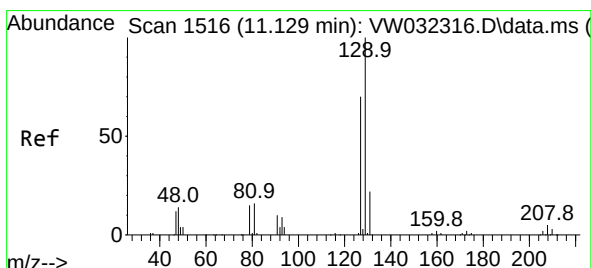
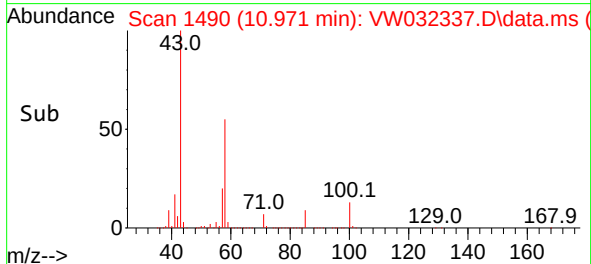
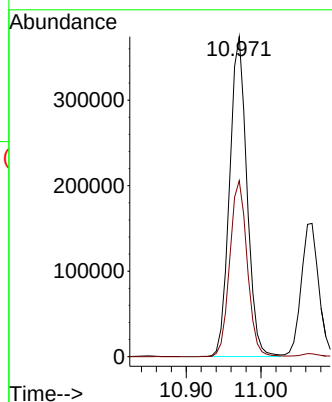
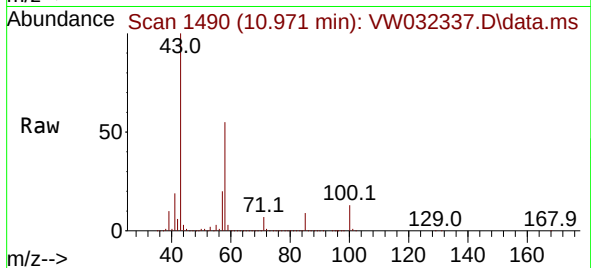




#59
2-Hexanone
Concen: 250.380 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

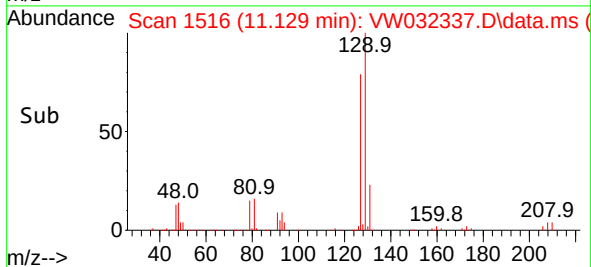
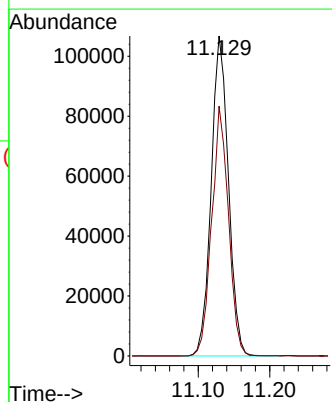
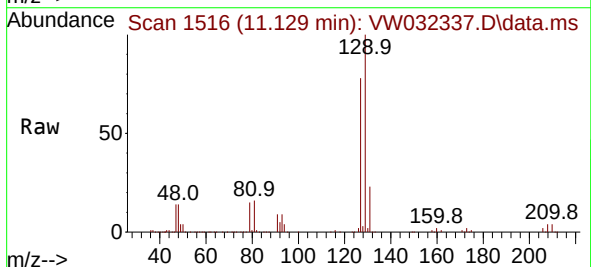
Instrument :
MSVOA_W
ClientSampleId :

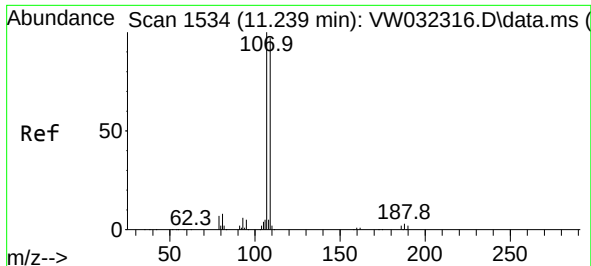
Tgt Ion: 43 Resp: 603270
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.4



#60
Dibromochloromethane
Concen: 48.963 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion:129 Resp: 178564
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.5

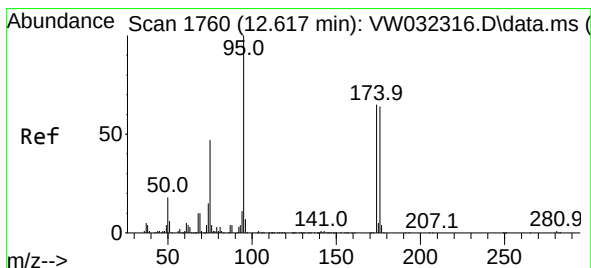
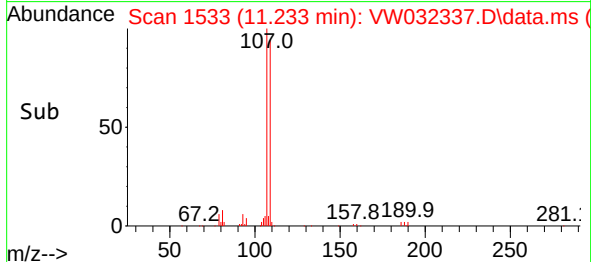
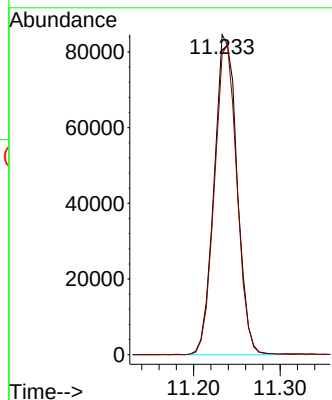
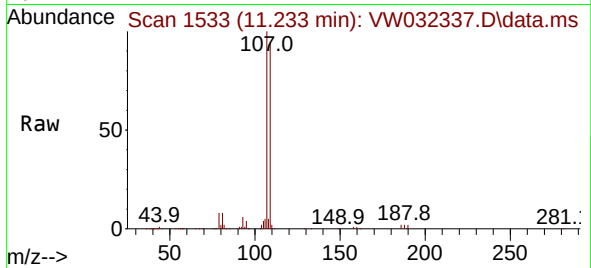




#61
1,2-Dibromoethane
Concen: 49.527 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

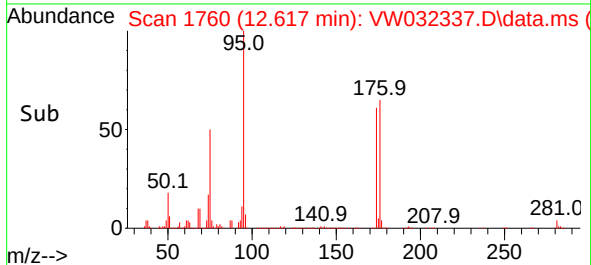
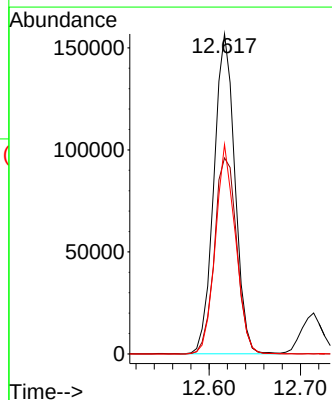
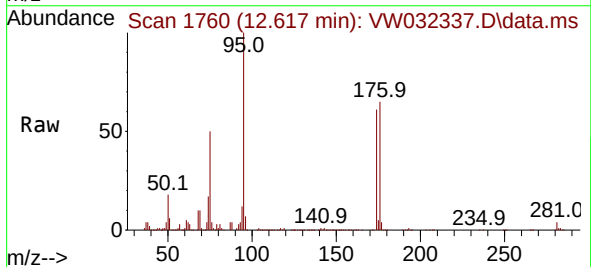
Instrument :
MSVOA_W
ClientSampleId :

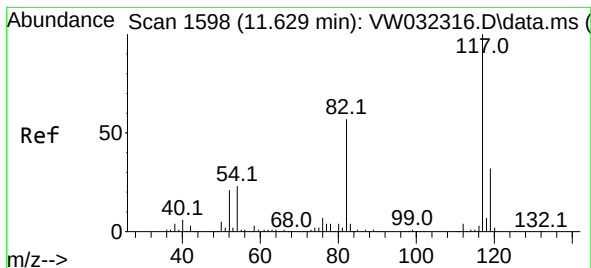
Tgt Ion:107 Resp: 155108
Ion Ratio Lower Upper
107 100
109 95.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.568 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

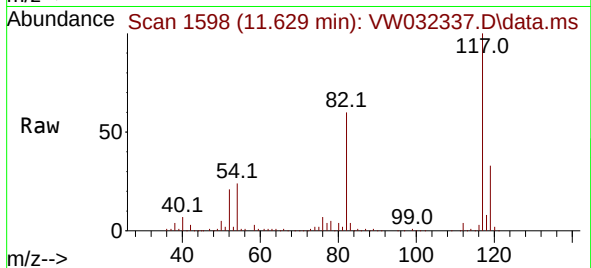
Tgt Ion: 95 Resp: 249676
Ion Ratio Lower Upper
95 100
174 65.4 0.0 145.6
176 62.9 0.0 140.8



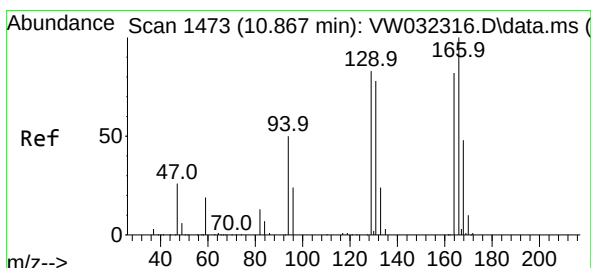
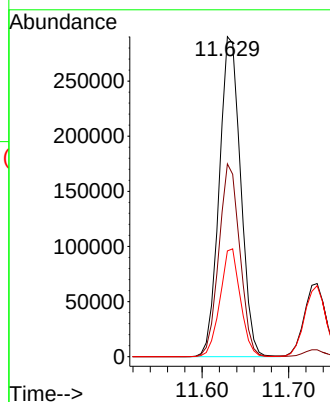
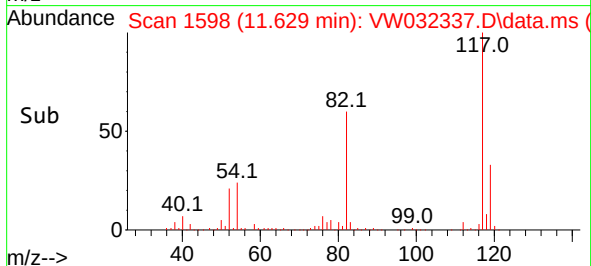


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

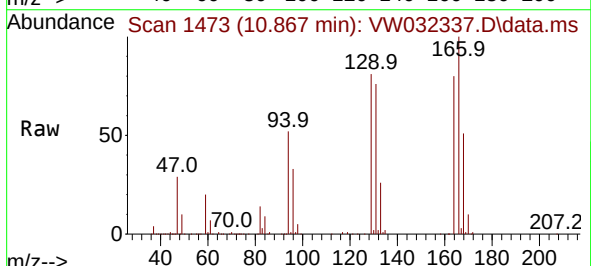
Instrument :
MSVOA_W
ClientSampleId :



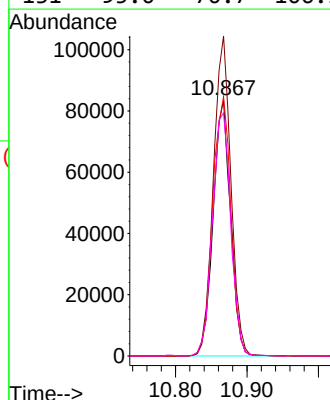
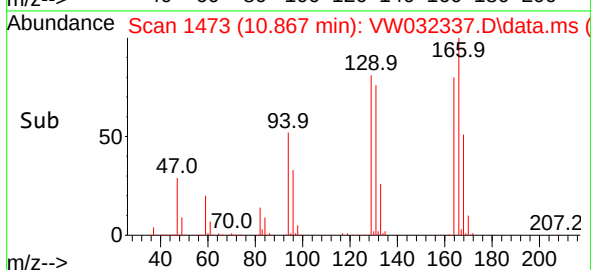
Tgt Ion:117 Resp: 498111
Ion Ratio Lower Upper
117 100
82 60.3 42.7 64.1
119 33.1 25.2 37.8

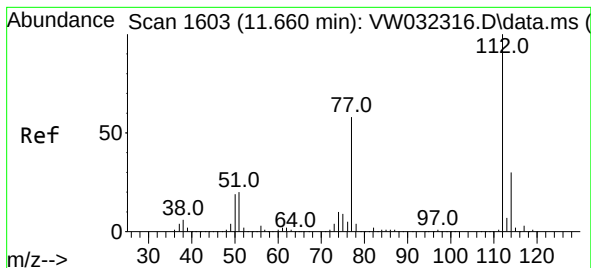


#64
Tetrachloroethene
Concen: 47.223 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53



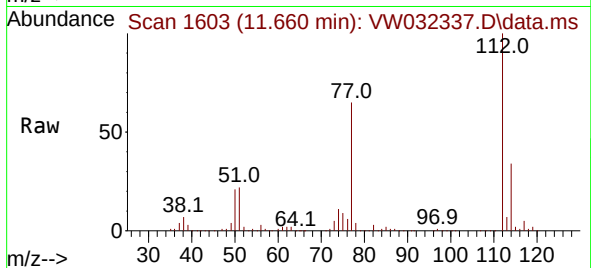
Tgt Ion:164 Resp: 140750
Ion Ratio Lower Upper
164 100
166 125.2 97.5 146.3
129 101.4 71.2 106.8
131 95.0 70.7 106.1



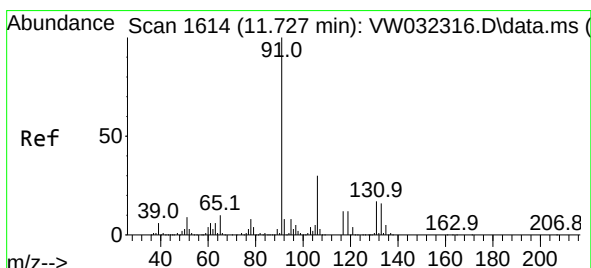
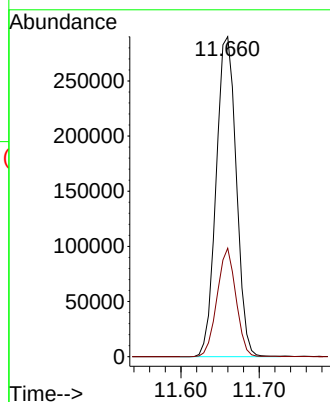
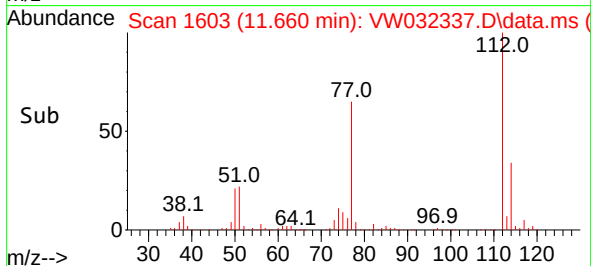


#65
Chlorobenzene
Concen: 47.323 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

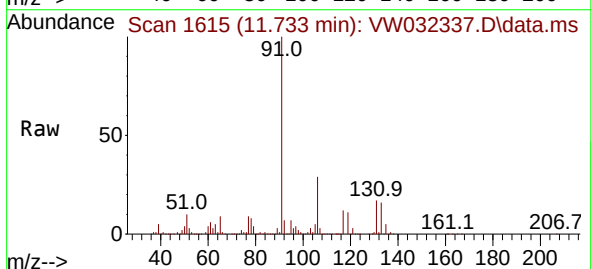
Instrument :
MSVOA_W
ClientSampleId :



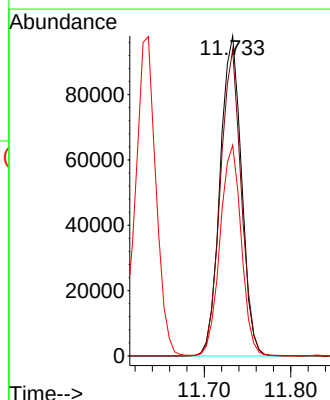
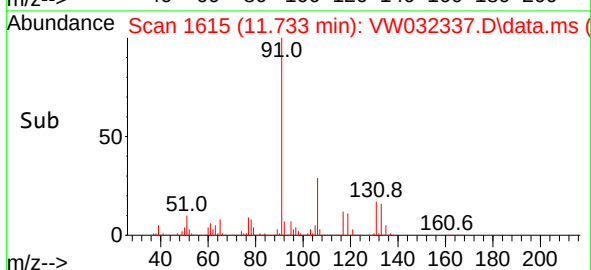
Tgt Ion:112 Resp: 518647
Ion Ratio Lower Upper
112 100
114 33.9 26.0 39.0

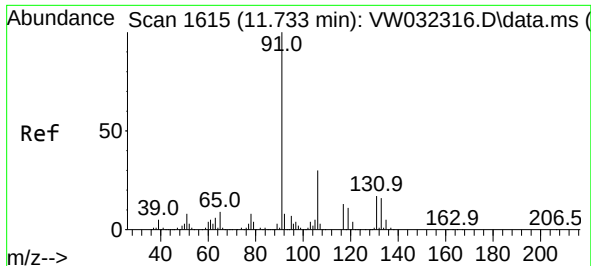


#66
1,1,1,2-Tetrachloroethane
Concen: 49.103 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53



Tgt Ion:131 Resp: 167616
Ion Ratio Lower Upper
131 100
133 93.9 47.7 143.1
119 65.6 32.8 98.3

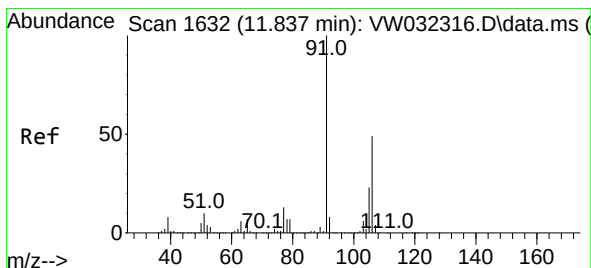
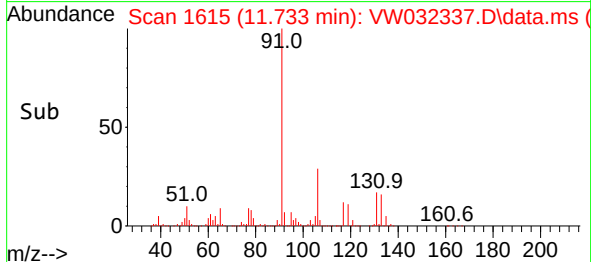
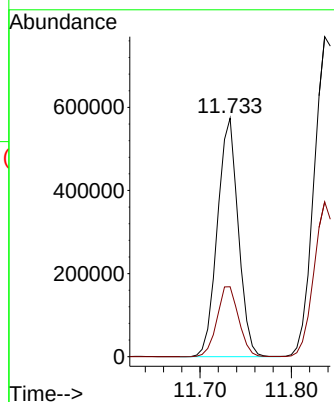
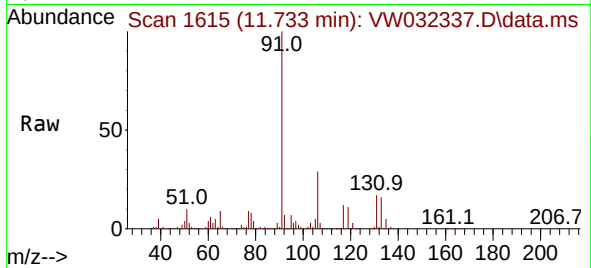




#67
Ethyl Benzene
Concen: 49.805 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

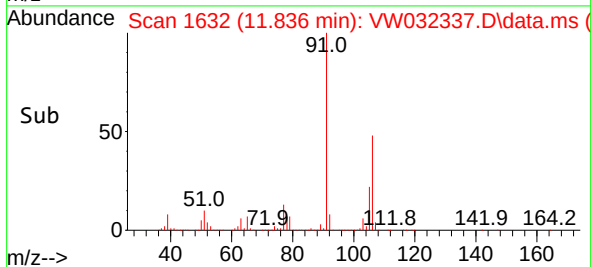
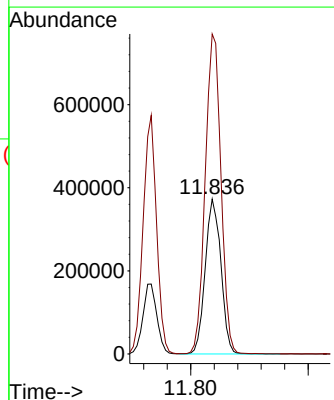
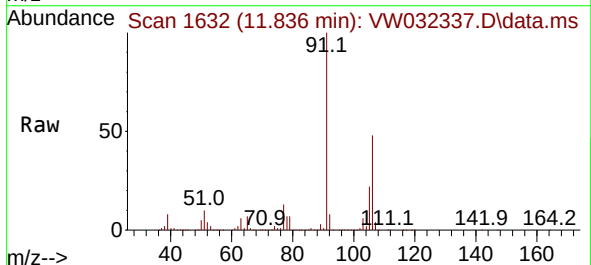
Instrument :
MSVOA_W
ClientSampleId :

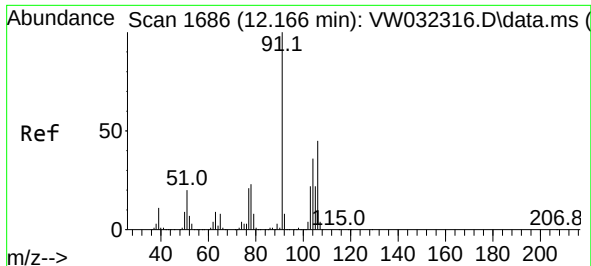
Tgt Ion: 91 Resp: 909858
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9



#68
m/p-Xylenes
Concen: 98.033 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion:106 Resp: 690596
Ion Ratio Lower Upper
106 100
91 207.4 164.2 246.2

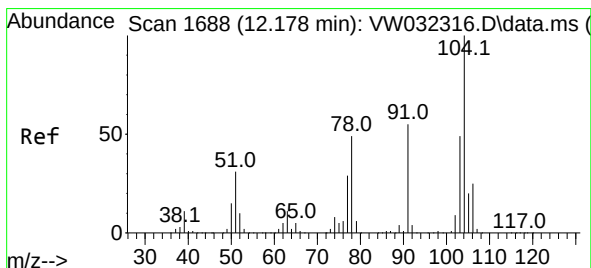
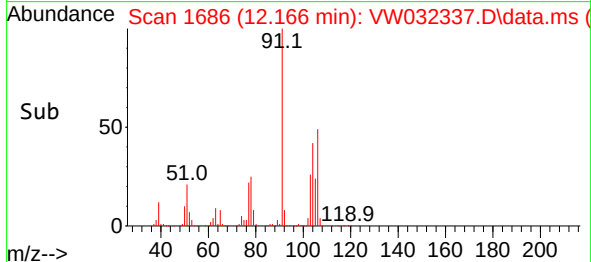
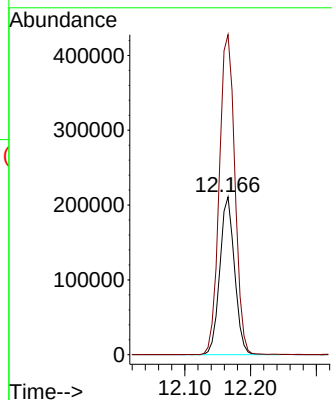
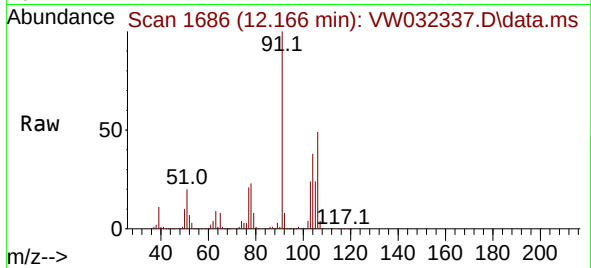




#69
o-Xylene
Concen: 49.960 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

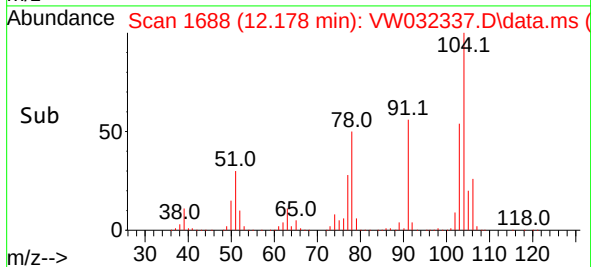
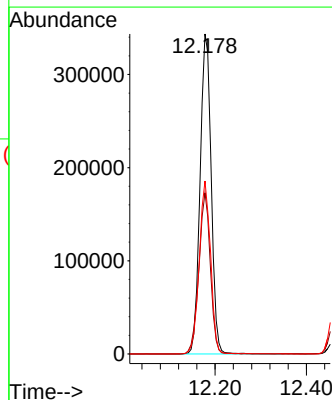
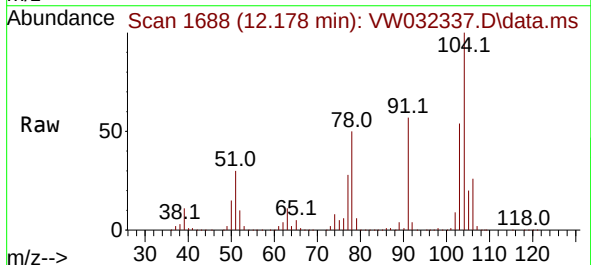
Instrument :
MSVOA_W
ClientSampleId :

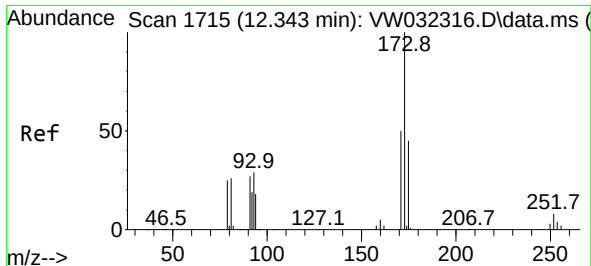
Tgt Ion:106 Resp: 329130
Ion Ratio Lower Upper
106 100
91 214.7 108.7 326.3



#70
Styrene
Concen: 50.240 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

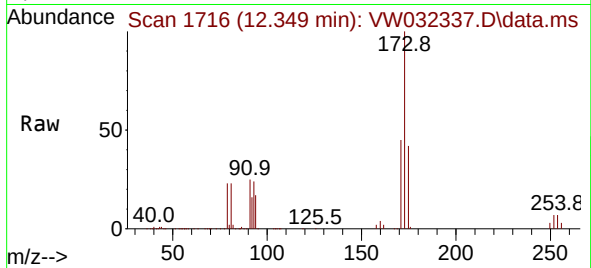
Tgt Ion:104 Resp: 577854
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.3 44.8 67.2



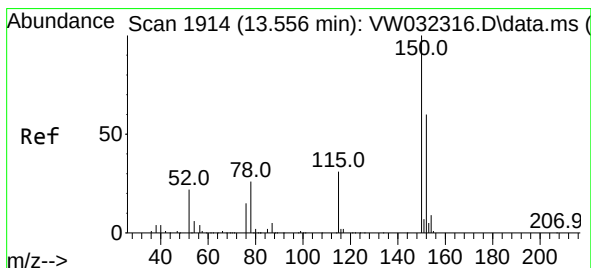
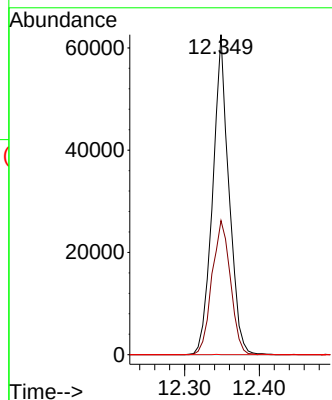
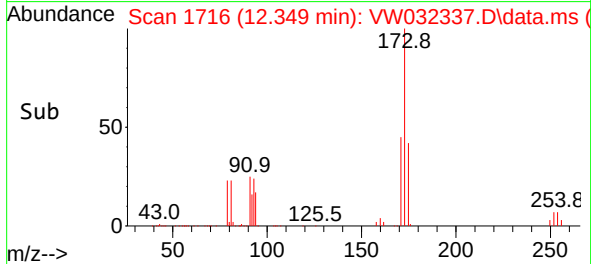


#71
Bromoform
Concen: 48.343 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

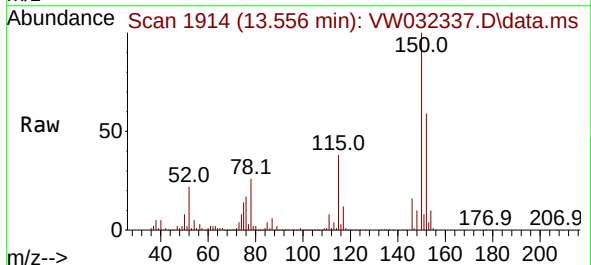
Instrument :
MSVOA_W
ClientSampleId :



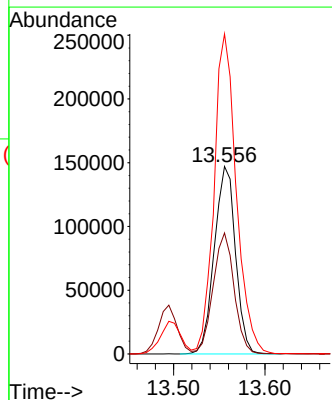
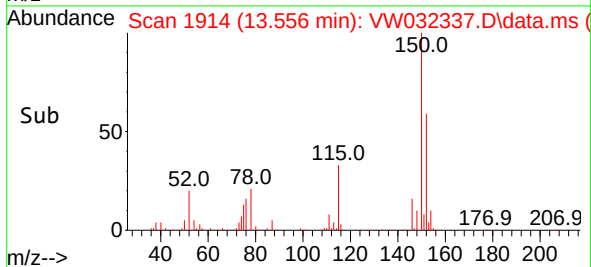
Tgt Ion:173 Resp: 94589
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.7
254 0.0 0.2 0.2#

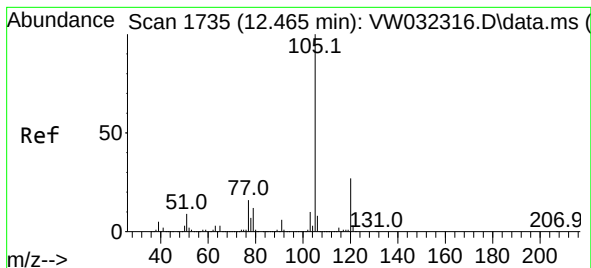


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53



Tgt Ion:152 Resp: 237365
Ion Ratio Lower Upper
152 100
115 63.9 31.8 95.4
150 179.1 0.0 343.0





#73

Isopropylbenzene

Concen: 51.121 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

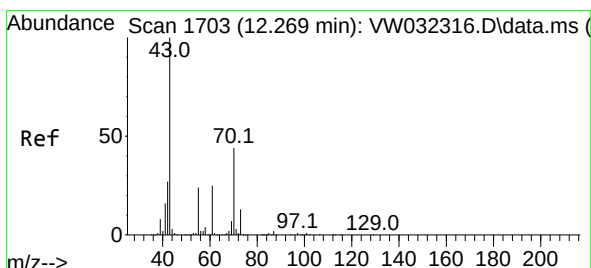
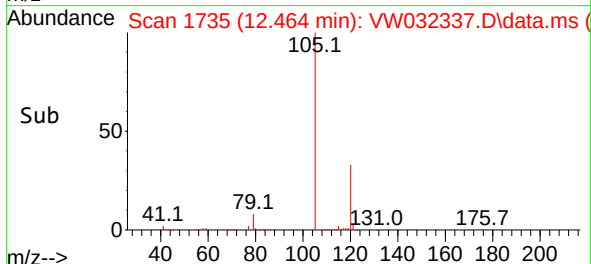
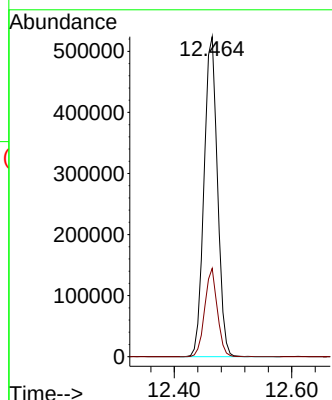
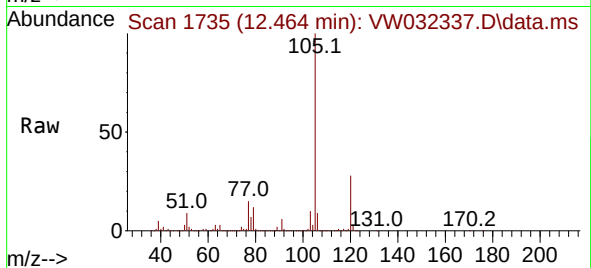
ClientSampleId :

Tgt Ion:105 Resp: 830183

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.051 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Tgt Ion: 43 Resp: 269655

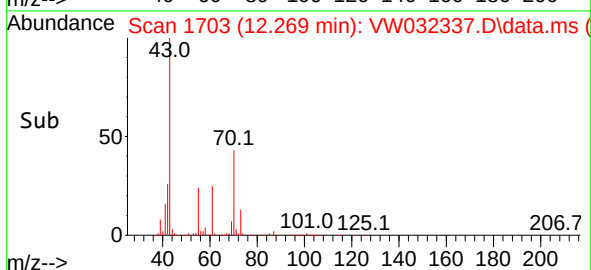
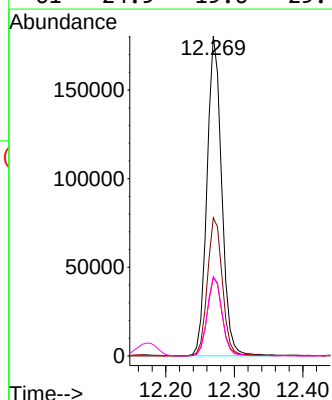
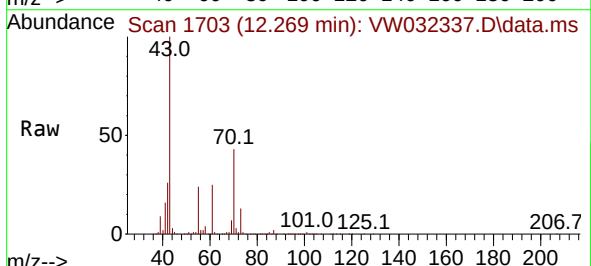
Ion Ratio Lower Upper

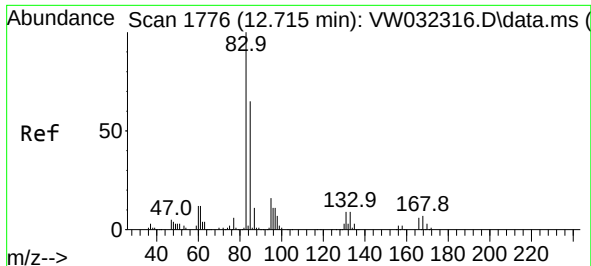
43 100

70 44.2 35.3 52.9

55 24.8 19.9 29.9

61 24.9 19.6 29.4

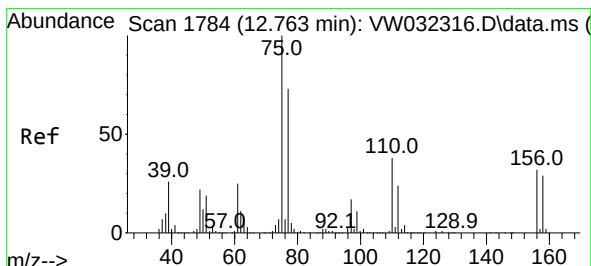
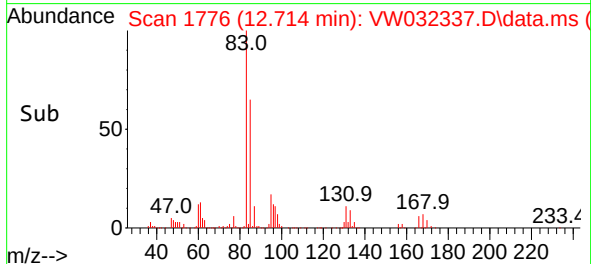
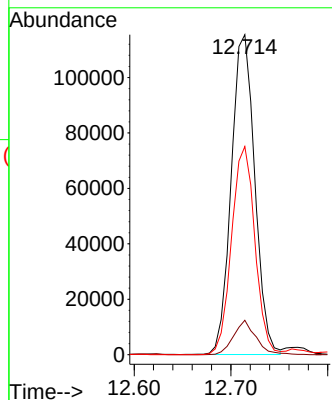
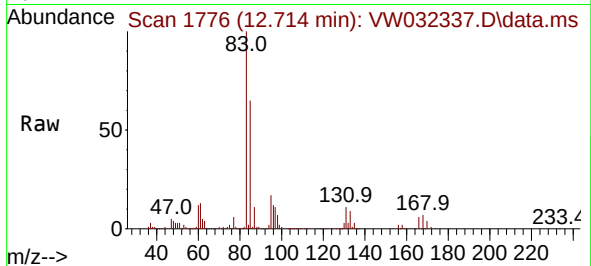




#75
1,1,2,2-Tetrachloroethane
Concen: 48.374 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

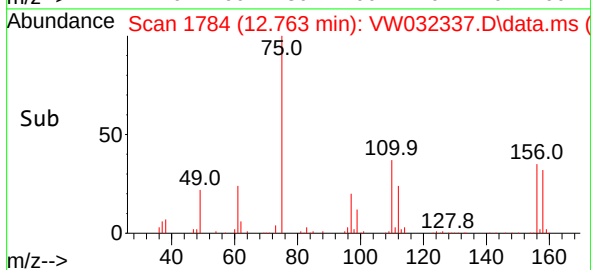
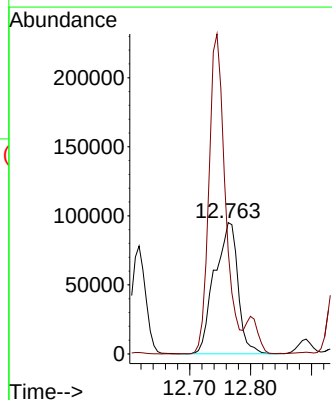
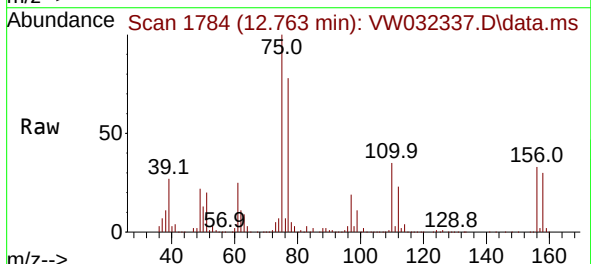
Instrument :
MSVOA_W
ClientSampleId :

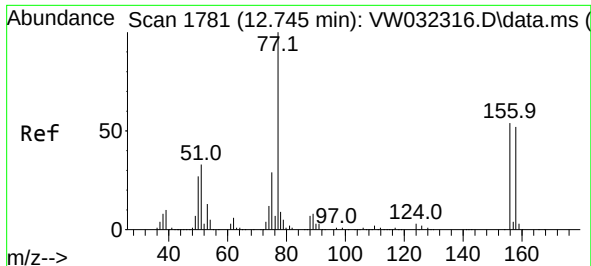
Tgt Ion: 83 Resp: 195054
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 80.878 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 75 Resp: 252631
Ion Ratio Lower Upper
75 100
77 171.9 141.7 425.1

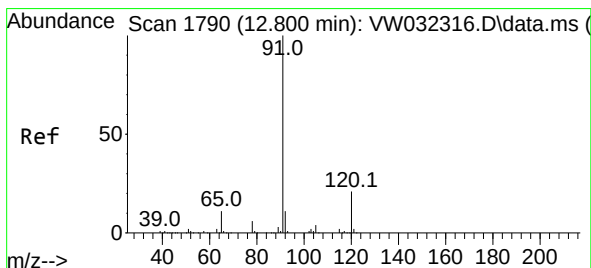
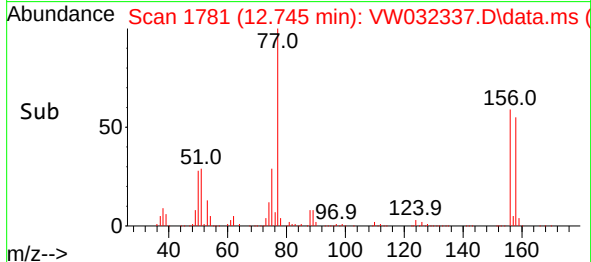
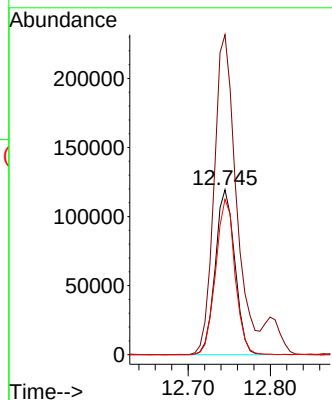
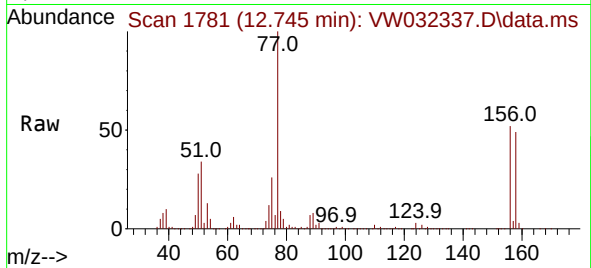




#77
Bromobenzene
Concen: 50.566 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

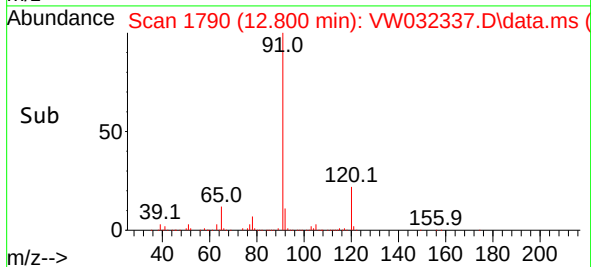
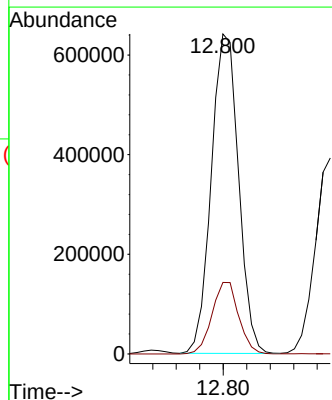
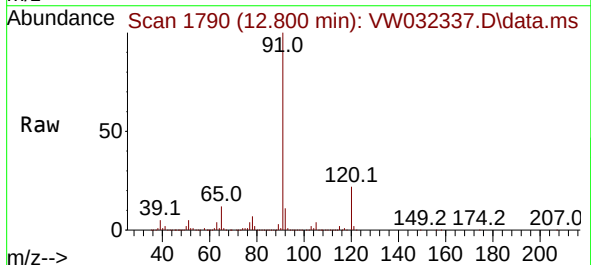
Instrument :
MSVOA_W
ClientSampleId :

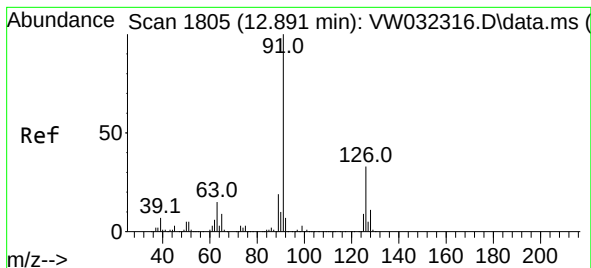
Tgt Ion:156 Resp: 197946
Ion Ratio Lower Upper
156 100
77 219.3 98.6 295.7
158 93.1 48.4 145.0



#78
n-propylbenzene
Concen: 50.915 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 91 Resp: 1032818
Ion Ratio Lower Upper
91 100
120 21.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.421 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

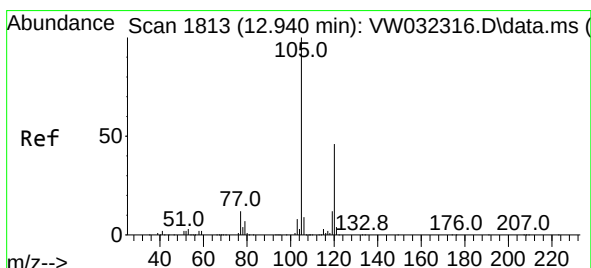
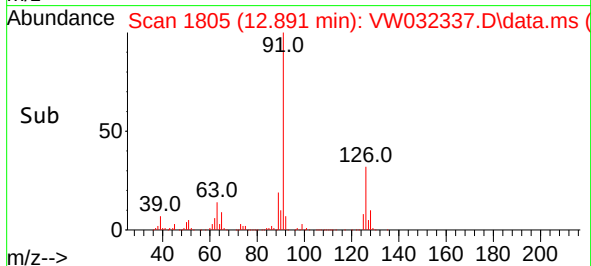
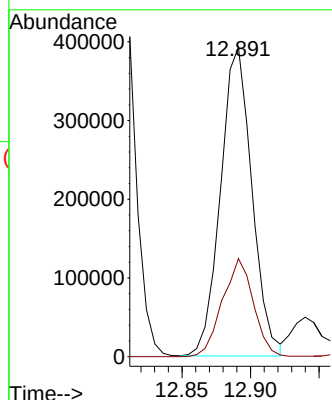
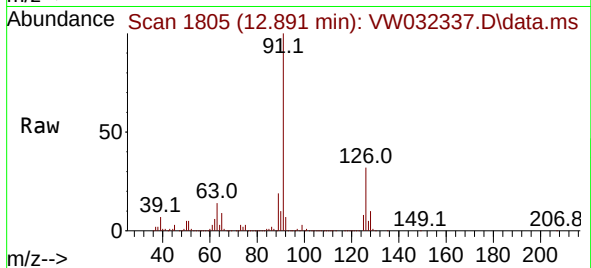
ClientSampleId :

Tgt Ion: 91 Resp: 625381

Ion Ratio Lower Upper

91 100

126 31.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 50.173 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032337.D

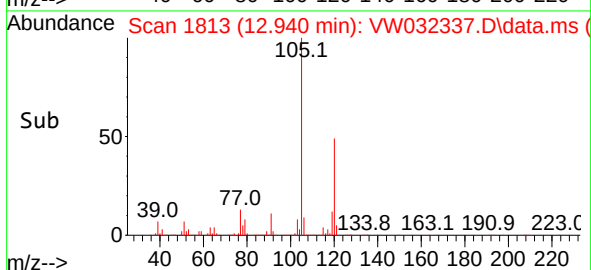
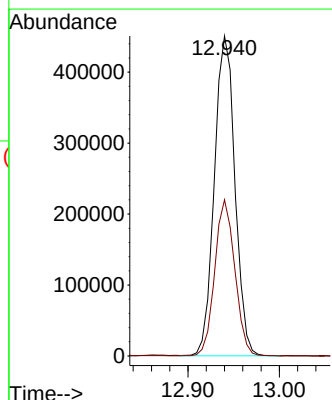
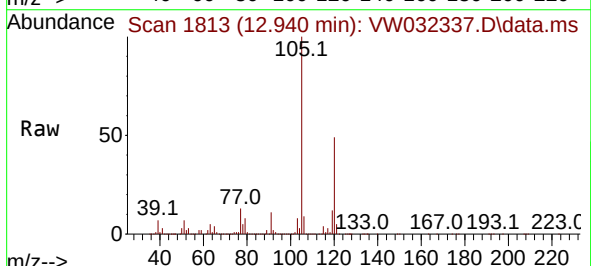
Acq: 02 Oct 2025 16:53

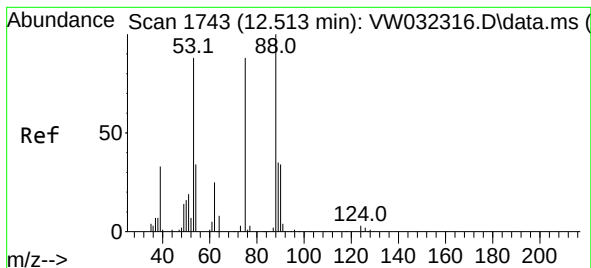
Tgt Ion: 105 Resp: 704533

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.4

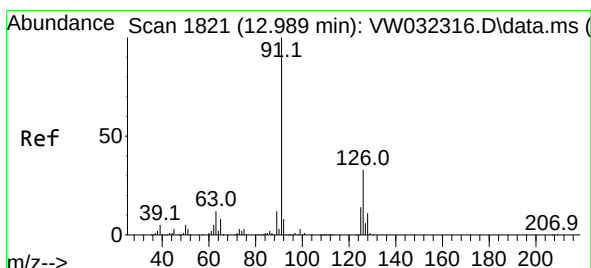
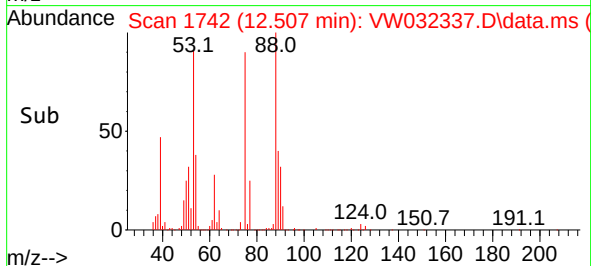
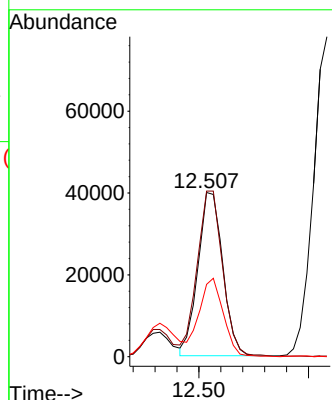
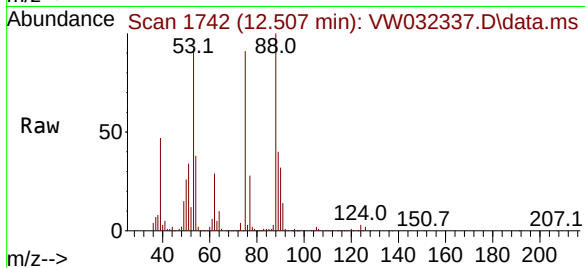




#81
trans-1,4-Dichloro-2-butene
Concen: 50.898 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

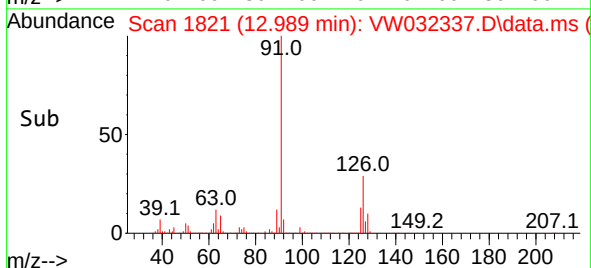
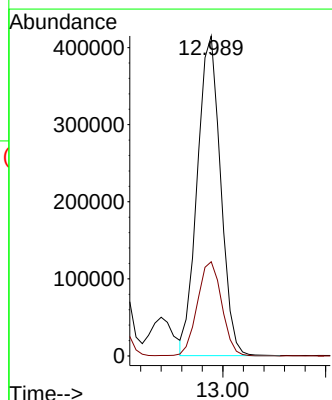
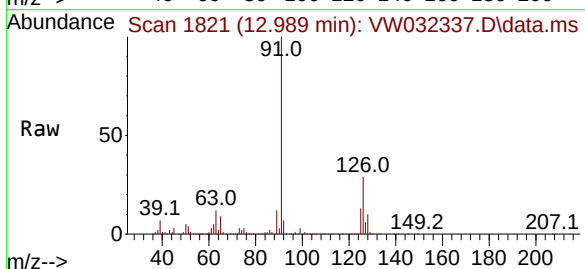
Instrument :
MSVOA_W
ClientSampleId :

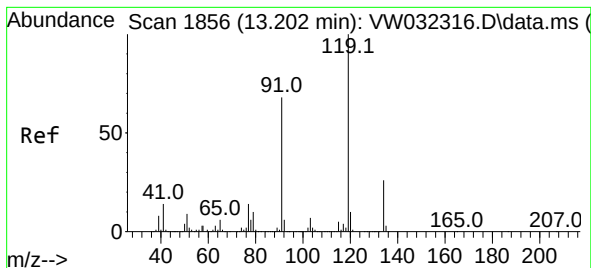
Tgt Ion: 75 Resp: 62759
Ion Ratio Lower Upper
75 100
53 104.5 91.0 136.6
89 46.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 49.502 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

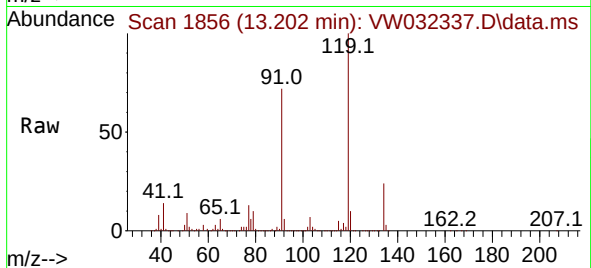
Tgt Ion: 91 Resp: 652774
Ion Ratio Lower Upper
91 100
126 30.8 16.1 48.2



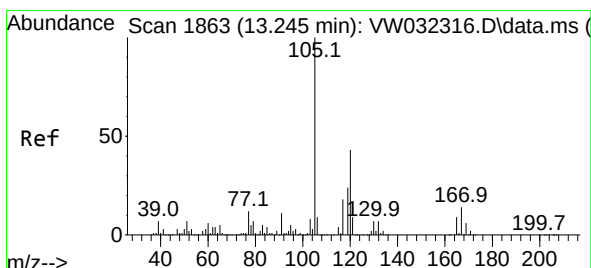
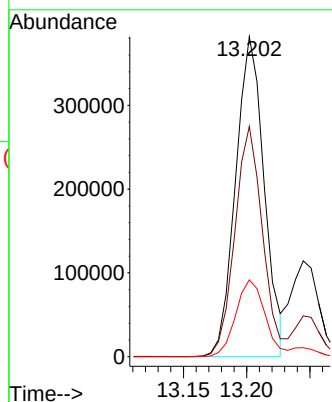
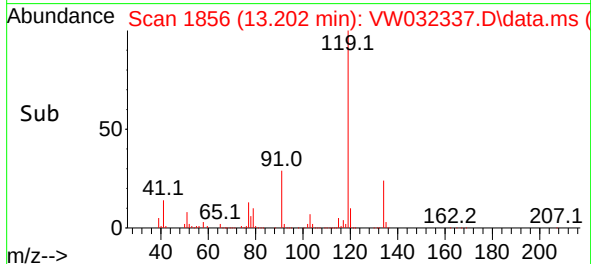


#83
tert-Butylbenzene
Concen: 52.105 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

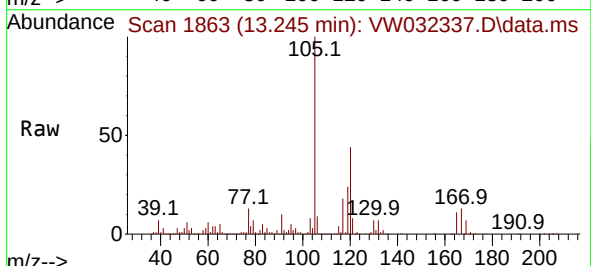
Instrument :
MSVOA_W
ClientSampleId :



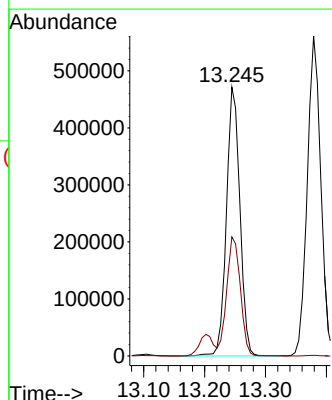
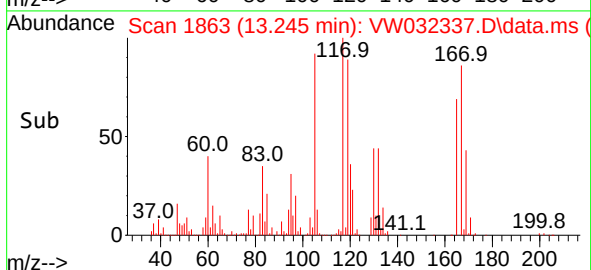
Tgt Ion:119 Resp: 600337
Ion Ratio Lower Upper
119 100
91 70.5 33.8 101.3
134 24.7 12.5 37.5

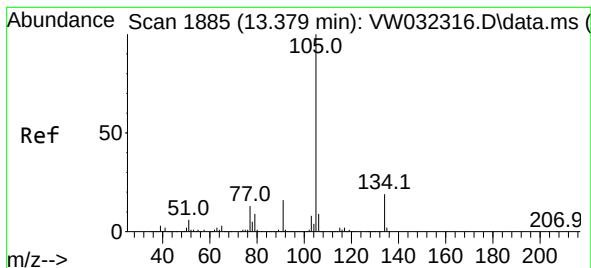


#84
1,2,4-Trimethylbenzene
Concen: 50.510 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53



Tgt Ion:105 Resp: 721216
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3

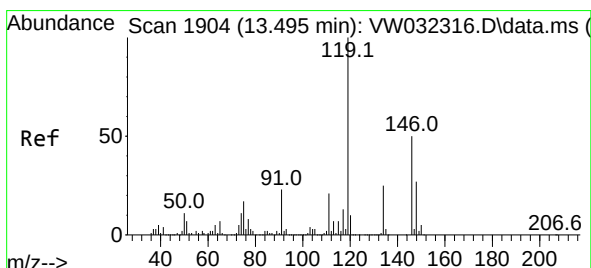
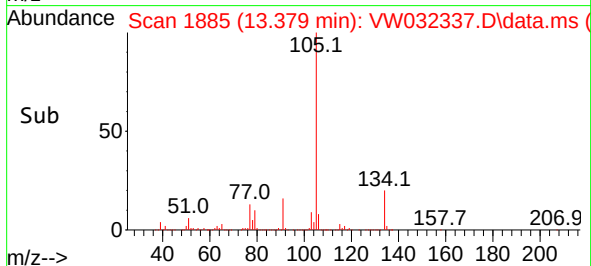
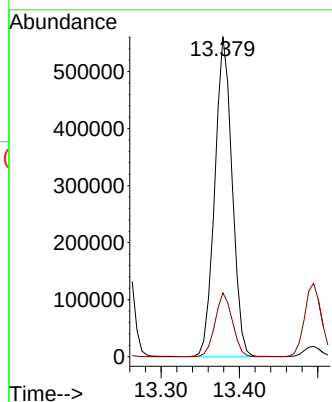
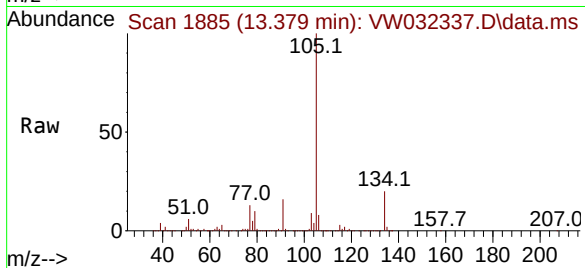




#85
 sec-Butylbenzene
 Concen: 48.935 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

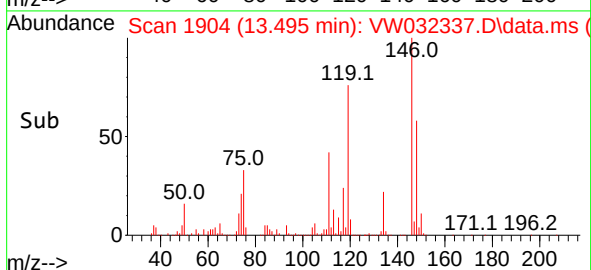
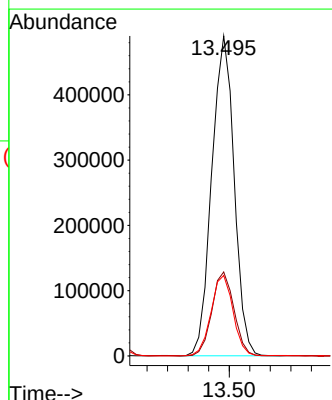
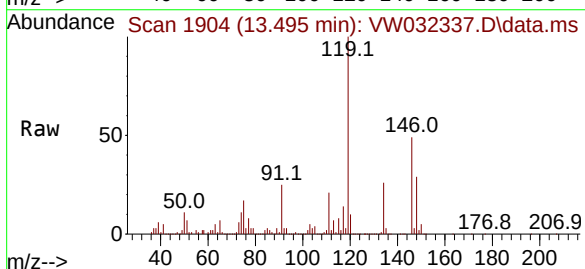
Instrument :
 MSVOA_W
 ClientSampleId :

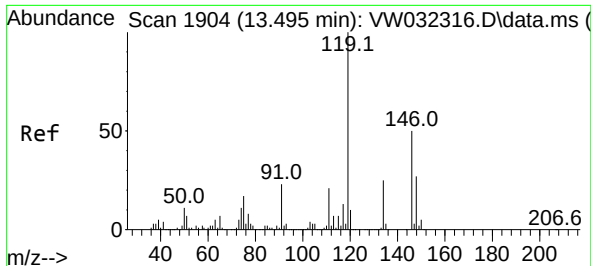
Tgt Ion:105 Resp: 861593
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.628 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032337.D
 Acq: 02 Oct 2025 16:53

Tgt Ion:119 Resp: 739642
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.6
 91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 47.913 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

ClientSampleId :

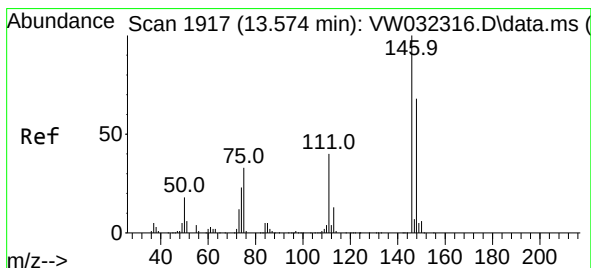
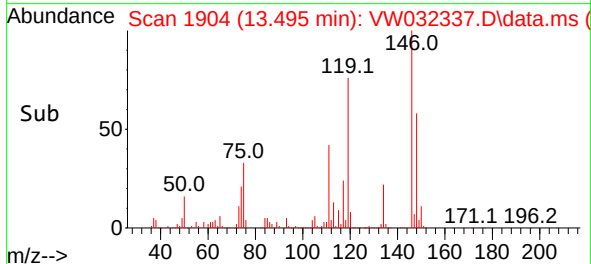
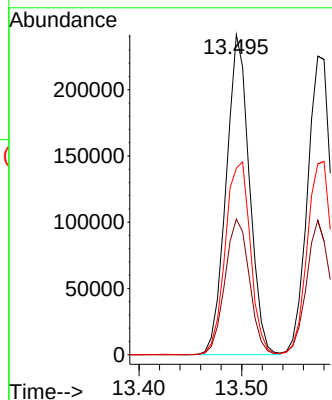
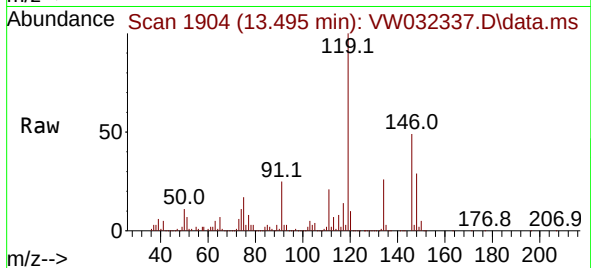
Tgt Ion:146 Resp: 379798

Ion Ratio Lower Upper

146 100

111 44.5 20.6 61.9

148 65.0 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 46.547 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

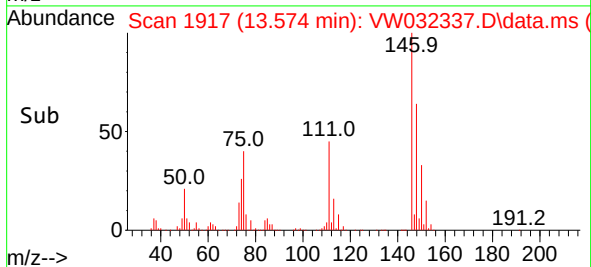
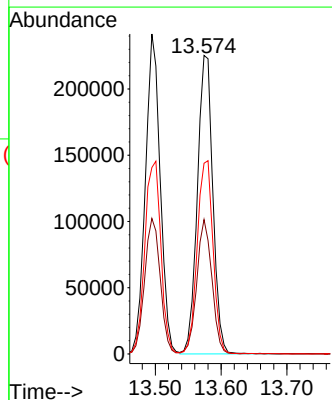
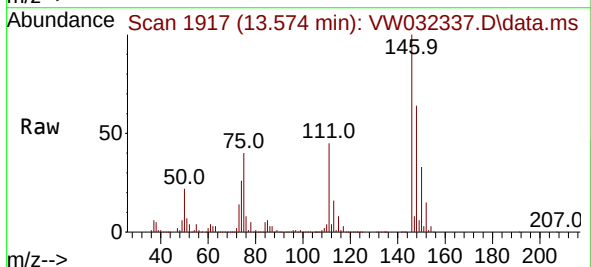
Tgt Ion:146 Resp: 368930

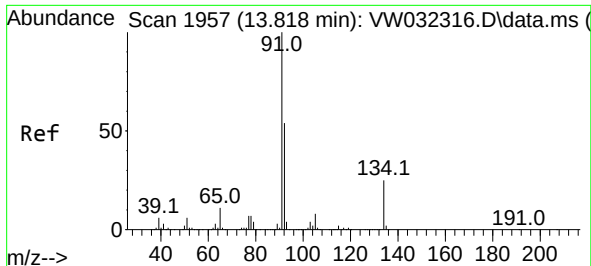
Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.7

148 65.9 33.4 100.1

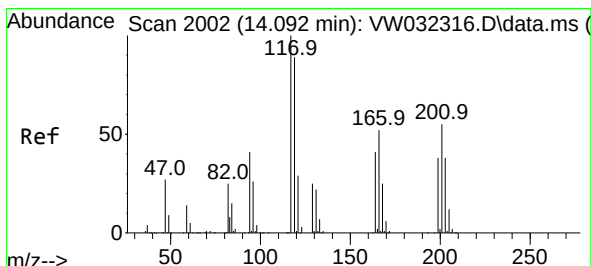
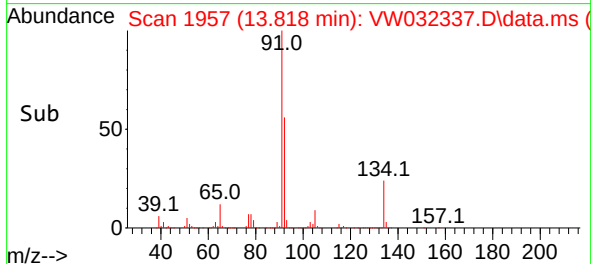
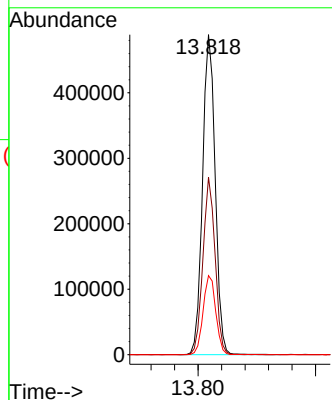
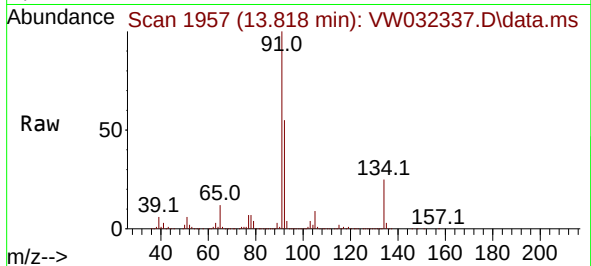




#89
n-Butylbenzene
Concen: 51.119 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

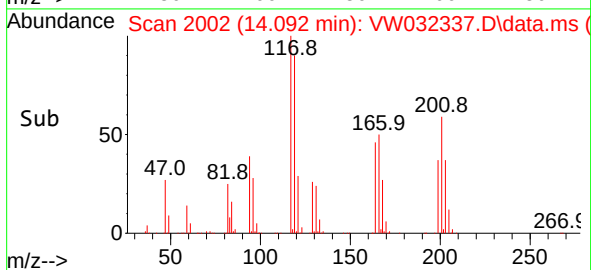
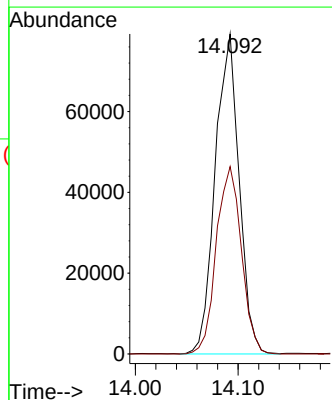
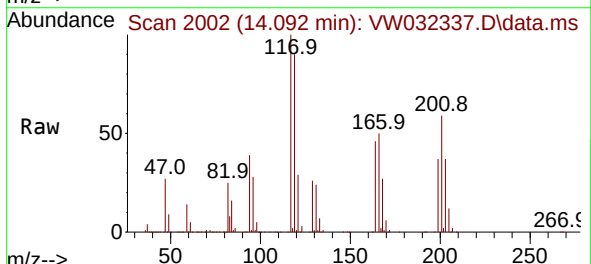
Instrument :
MSVOA_W
ClientSampleId :

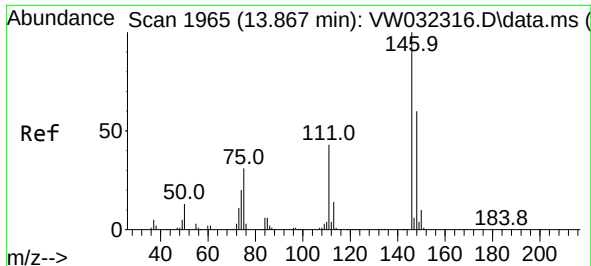
Tgt Ion: 91 Resp: 729171
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 24.9 13.1 39.3



#90
Hexachloroethane
Concen: 48.869 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032337.D
Acq: 02 Oct 2025 16:53

Tgt Ion: 117 Resp: 127970
Ion Ratio Lower Upper
117 100
201 61.4 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 49.275 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

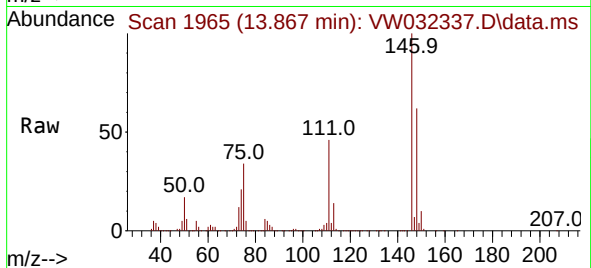
Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

ClientSampleId :



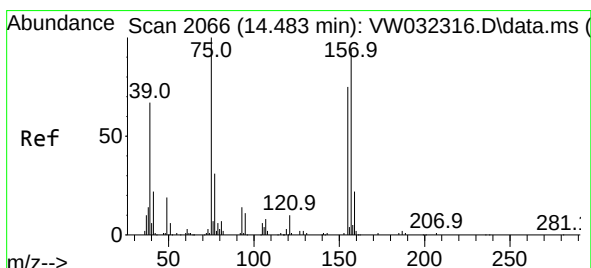
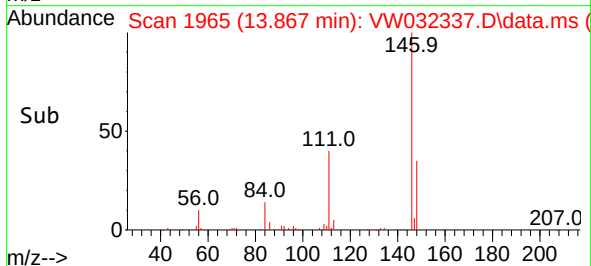
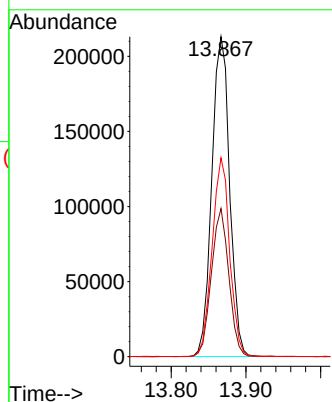
Tgt Ion:146 Resp: 353081

Ion Ratio Lower Upper

146 100

111 45.3 23.4 70.0

148 61.3 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.252 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

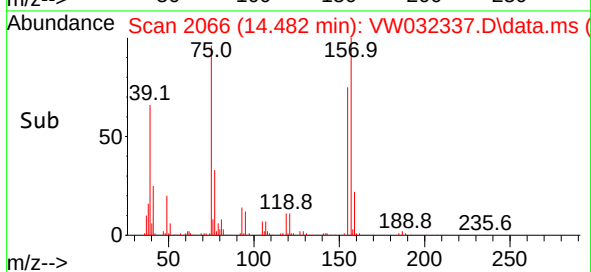
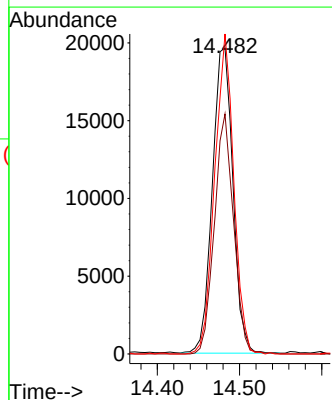
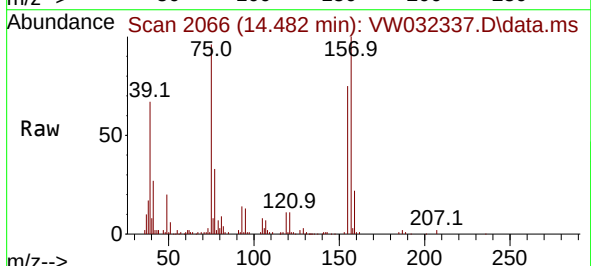
Tgt Ion: 75 Resp: 34065

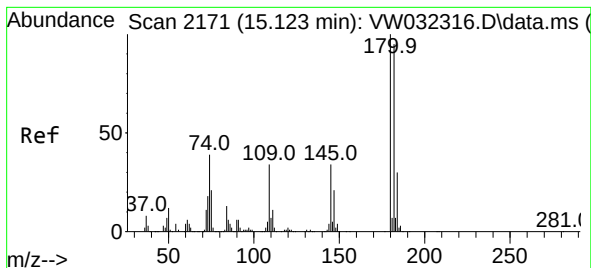
Ion Ratio Lower Upper

75 100

155 73.8 40.8 122.5

157 97.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 51.593 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

ClientSampleId :

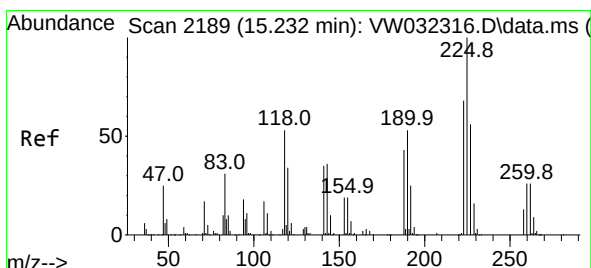
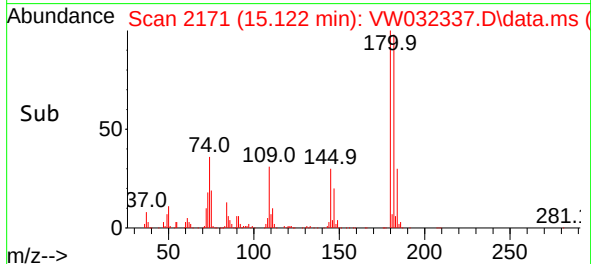
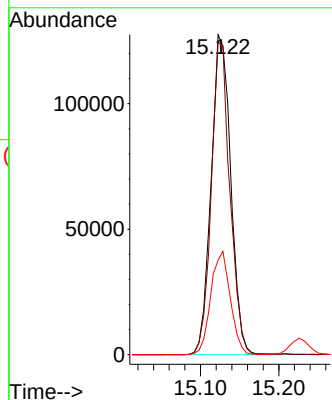
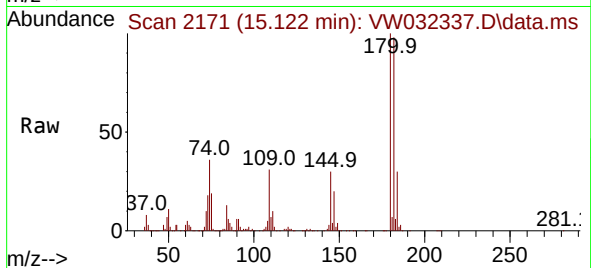
Tgt Ion:180 Resp: 221681

Ion Ratio Lower Upper

180 100

182 92.7 47.4 142.2

145 32.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.415 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

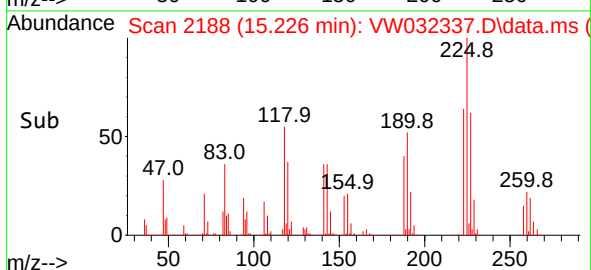
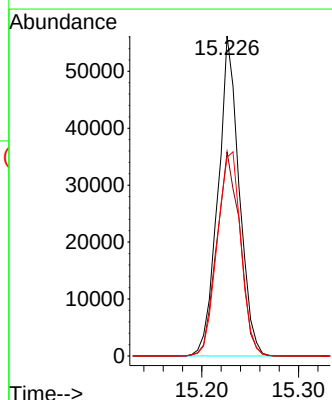
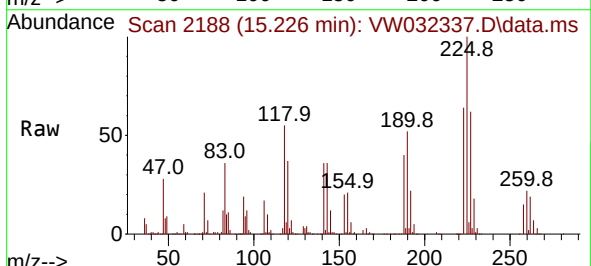
Tgt Ion:225 Resp: 85288

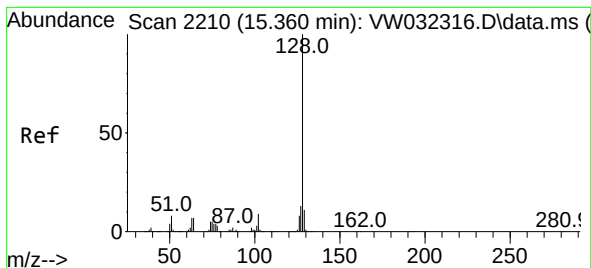
Ion Ratio Lower Upper

225 100

223 69.8 29.8 89.3

227 71.3 30.5 91.5





#95

Naphthalene

Concen: 53.795 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Instrument :

MSVOA_W

ClientSampleId :

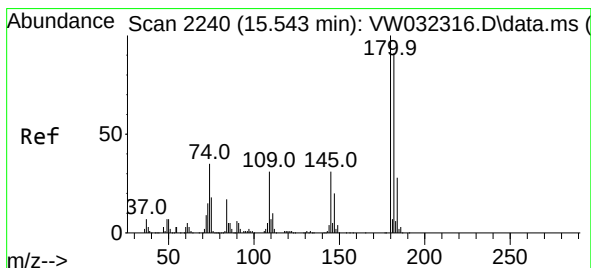
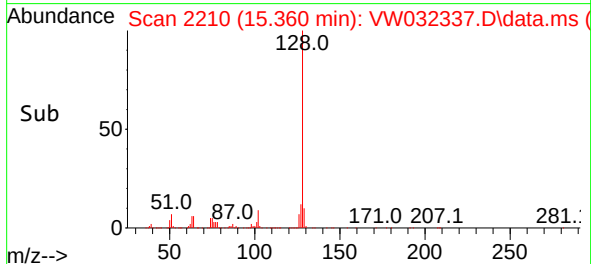
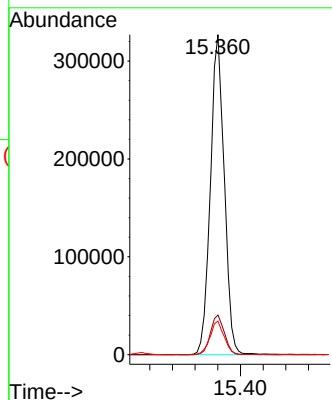
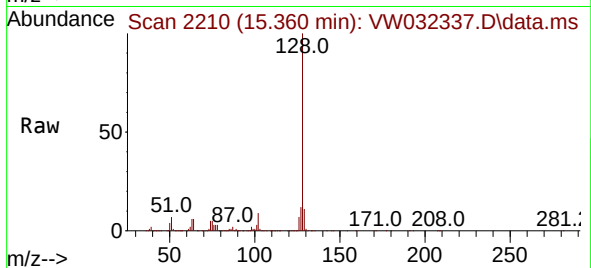
Tgt Ion:128 Resp: 555085

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.384 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032337.D

Acq: 02 Oct 2025 16:53

Tgt Ion:180 Resp: 199999

Ion Ratio Lower Upper

180 100

182 90.3 47.7 143.1

145 34.7 17.2 51.6

