

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032435.D
 Acq On : 11 Nov 2025 16:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 03:52:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	393178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	738581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	671615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	300090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272288	53.716	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 107.440%	
35) Dibromofluoromethane	7.904	113	227640	51.478	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.960%	
50) Toluene-d8	10.325	98	883125	52.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.617	95	331385	51.710	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	94632	47.439	ug/l	92
3) Chloromethane	2.253	50	168094	49.161	ug/l	100
4) Vinyl Chloride	2.405	62	213635	49.507	ug/l	98
5) Bromomethane	2.820	94	147551	51.116	ug/l	97
6) Chloroethane	2.972	64	143836	50.946	ug/l	99
7) Trichlorofluoromethane	3.308	101	163106	48.209	ug/l	96
8) Diethyl Ether	3.722	74	146172	52.843	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	179427	48.684	ug/l	97
10) Methyl Iodide	4.314	142	306780	51.681	ug/l	99
11) Tert butyl alcohol	5.216	59	119318	272.219	ug/l	99
12) 1,1-Dichloroethene	4.076	96	207730	49.154	ug/l	96
13) Acrolein	3.929	56	174296	237.005	ug/l	100
14) Allyl chloride	4.710	41	420707	51.767	ug/l	98
15) Acrylonitrile	5.405	53	449337	280.950	ug/l	99
16) Acetone	4.161	43	352068	232.155	ug/l	100
17) Carbon Disulfide	4.423	76	620608	49.686	ug/l	97
18) Methyl Acetate	4.710	43	214507	57.119	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	492841	55.323	ug/l	99
20) Methylene Chloride	4.954	84	267143	49.257	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	249792	51.692	ug/l	96
22) Diisopropyl ether	6.344	45	899406	54.355	ug/l	95
23) Vinyl Acetate	6.283	43	3132821	276.341	ug/l	99
24) 1,1-Dichloroethane	6.246	63	483258	53.306	ug/l	100
25) 2-Butanone	7.191	43	596559	267.010	ug/l	99
26) 2,2-Dichloropropane	7.191	77	238819	47.268	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	306610	53.102	ug/l	99
28) Bromochloromethane	7.532	49	239487	55.892	ug/l	97
29) Tetrahydrofuran	7.551	42	406351	286.552	ug/l	100
30) Chloroform	7.691	83	476452	53.685	ug/l	99
31) Cyclohexane	7.971	56	398891	47.566	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	320778	50.596	ug/l	98
36) 1,1-Dichloropropene	8.093	75	329814	50.620	ug/l	98
37) Ethyl Acetate	7.276	43	264778	54.651	ug/l	100
38) Carbon Tetrachloride	8.087	117	277681	47.965	ug/l	95
39) Methylcyclohexane	9.343	83	418600	49.594	ug/l	95
40) Benzene	8.337	78	1076254	51.294	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	160533	60.318	ug/l	94
42) 1,2-Dichloroethane	8.410	62	326571	52.988	ug/l	99
43) Isopropyl Acetate	8.435	43	475893	55.473	ug/l	99
44) Trichloroethene	9.099	130	244640	50.106	ug/l	91
45) 1,2-Dichloropropane	9.374	63	271533	51.972	ug/l	97
46) Dibromomethane	9.465	93	161437	52.877	ug/l	99
47) Bromodichloromethane	9.654	83	362766	52.089	ug/l	99
48) Methyl methacrylate	9.441	41	220548	54.101	ug/l	94
49) 1,4-Dioxane	9.465	88	45361	1060.586	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	1327500	279.913	ug/l	100
52) Toluene	10.392	92	664850	51.299	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	376083	52.434	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	436344	52.607	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	219460	52.398	ug/l	97
56) Ethyl methacrylate	10.648	69	353566	55.018	ug/l	99
57) 1,3-Dichloropropane	10.934	76	400751	53.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	963210	281.450	ug/l	100
59) 2-Hexanone	10.971	43	943629	271.953	ug/l	99
60) Dibromochloromethane	11.129	129	245086	52.400	ug/l	99
61) 1,2-Dibromoethane	11.239	107	215882	52.922	ug/l	100
64) Tetrachloroethene	10.867	164	211561	53.194	ug/l	86
65) Chlorobenzene	11.660	112	723430	49.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	220404	49.198	ug/l	99
67) Ethyl Benzene	11.733	91	1257653	50.211	ug/l	99
68) m/p-Xylenes	11.837	106	932899	99.200	ug/l	97
69) o-Xylene	12.166	106	454056	50.425	ug/l	99
70) Styrene	12.178	104	794344	51.281	ug/l	100
71) Bromoform	12.349	173	135068	50.902	ug/l #	97
73) Isopropylbenzene	12.464	105	1134795	51.489	ug/l	99
74) N-amyl acetate	12.269	43	429781	56.117	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	285808	54.642	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	360560	87.627	ug/l	32
77) Bromobenzene	12.745	156	268089	51.375	ug/l	94
78) n-propylbenzene	12.800	91	1397030	52.050	ug/l	99
79) 2-Chlorotoluene	12.891	91	848425	51.782	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	957978	52.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	95159	52.970	ug/l	99
82) 4-Chlorotoluene	12.989	91	867281	50.892	ug/l	96
83) tert-Butylbenzene	13.202	119	799491	50.546	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	961216	51.975	ug/l	98
85) sec-Butylbenzene	13.379	105	1189643	50.502	ug/l	97
86) p-Isopropyltoluene	13.495	119	995761	51.197	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	514718	52.025	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	533060	52.591	ug/l	98
89) n-Butylbenzene	13.818	91	989497	52.074	ug/l	99
90) Hexachloroethane	14.086	117	170021	48.484	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	464695	51.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	47540	52.760	ug/l	90
93) 1,2,4-Trichlorobenzene	15.129	180	298095	51.577	ug/l	96
94) Hexachlorobutadiene	15.232	225	116296	48.440	ug/l	93
95) Naphthalene	15.360	128	803044	55.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	283338	53.998	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
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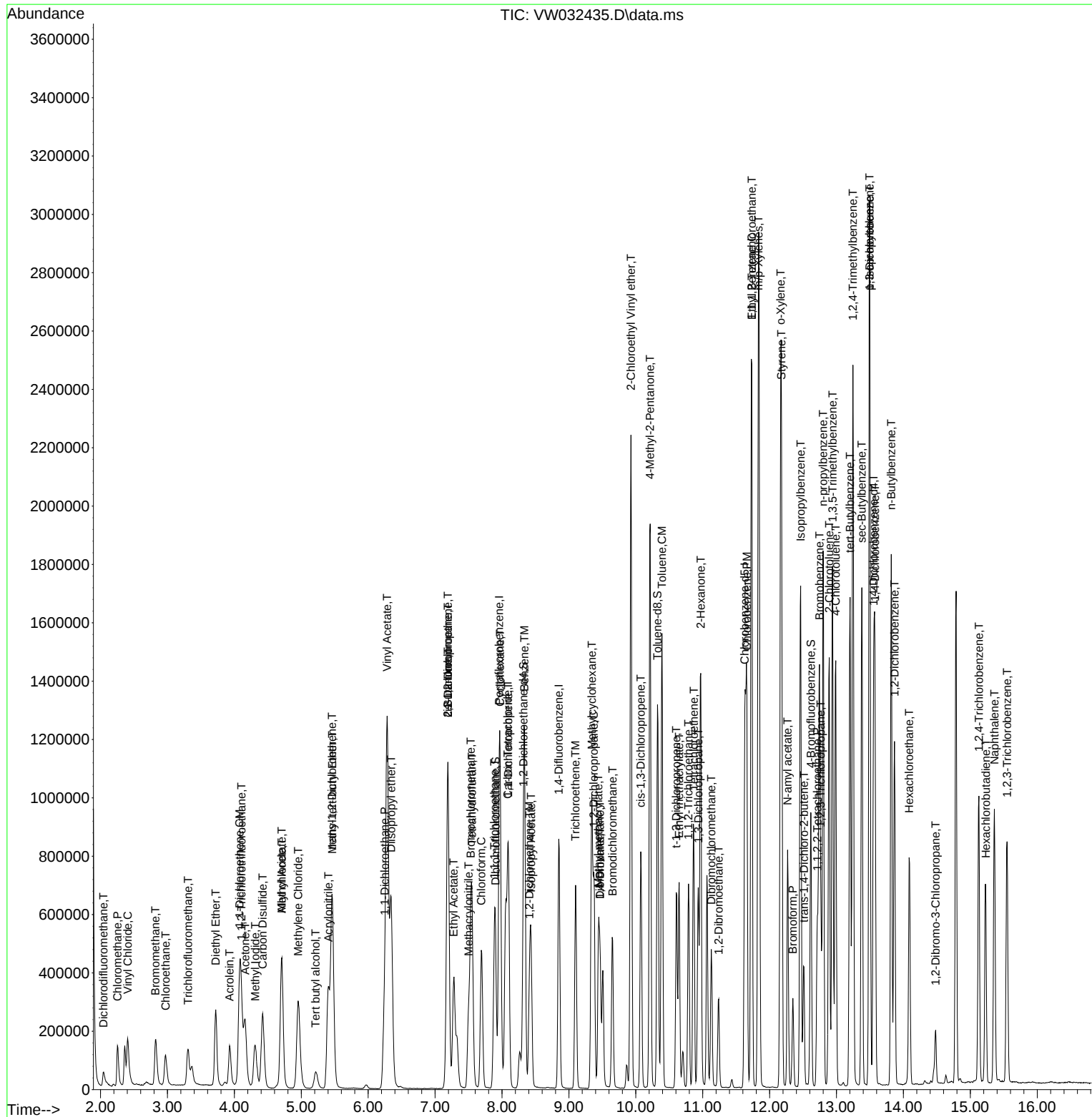
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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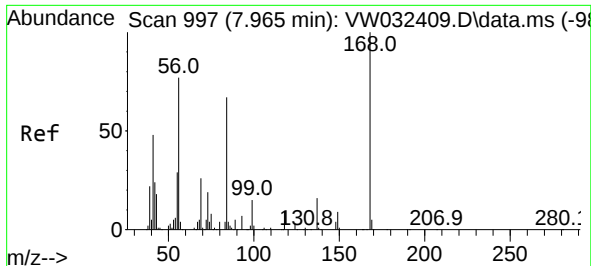
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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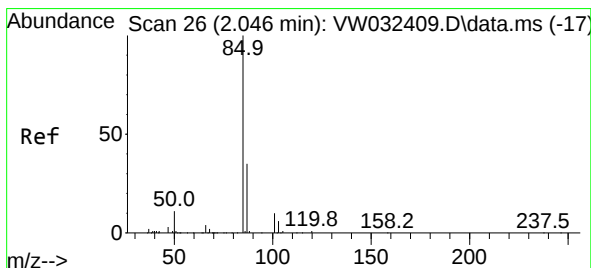
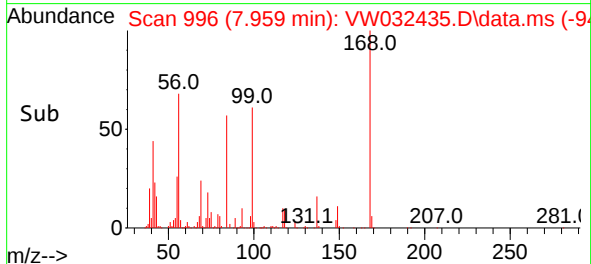
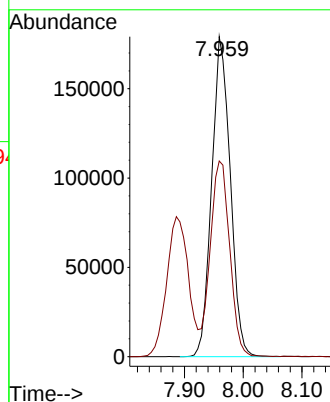
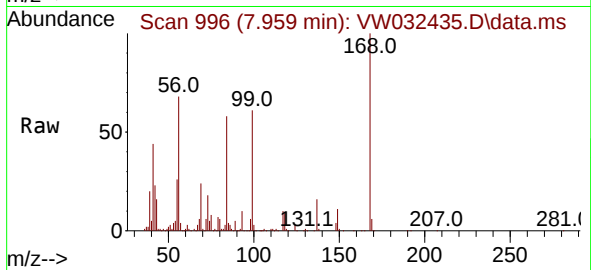




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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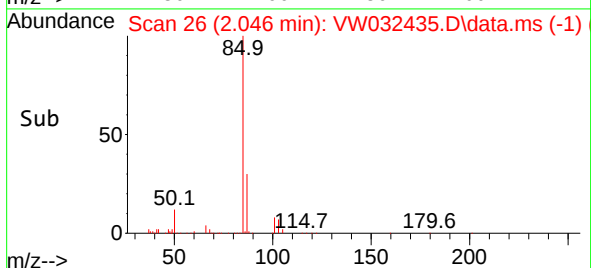
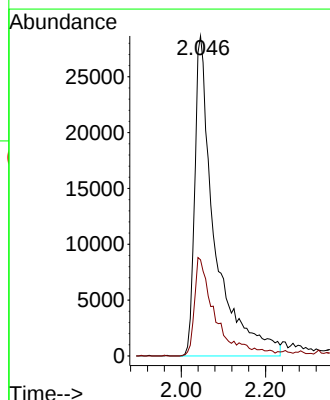
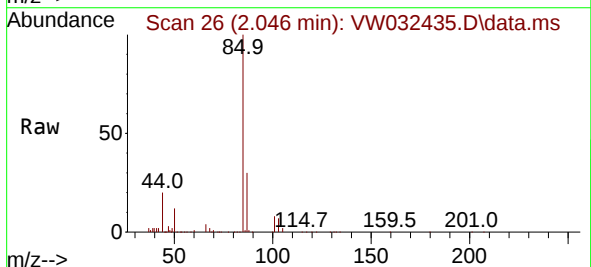
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 393178
Ion Ratio Lower Upper
168 100
99 61.1 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 47.439 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 85 Resp: 94632
Ion Ratio Lower Upper
85 100
87 30.0 17.4 52.2

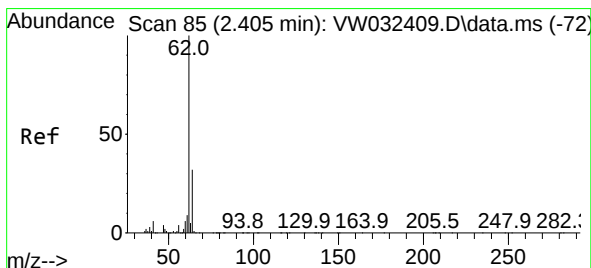
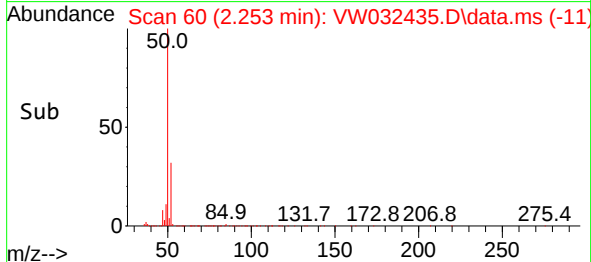
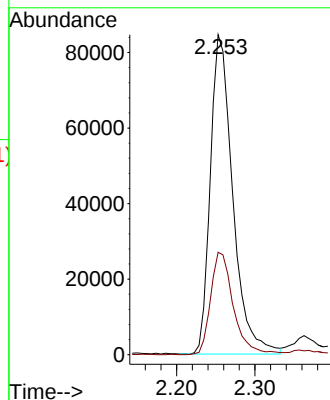
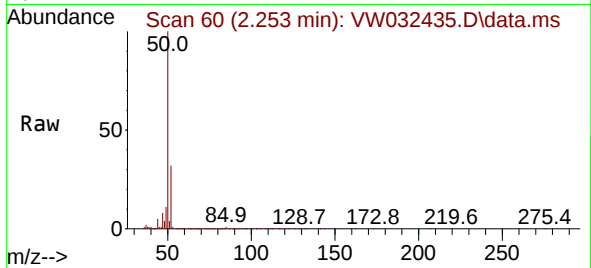




#3
Chloromethane
Concen: 49.161 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

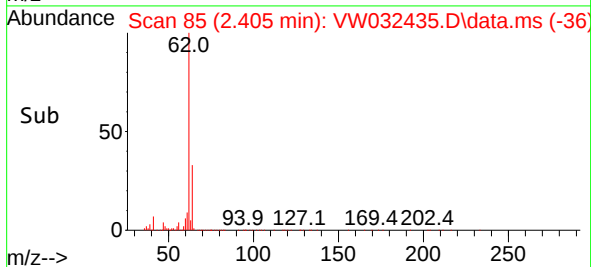
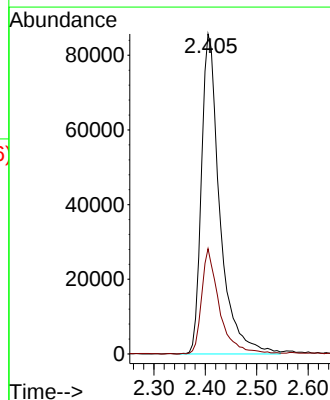
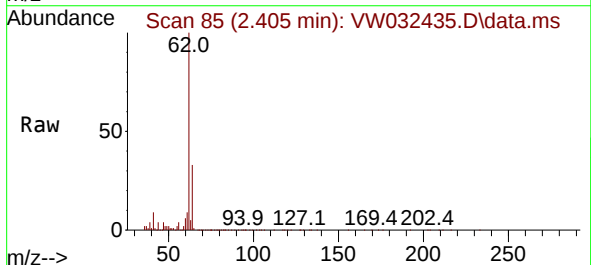
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 50 Resp: 168094
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 49.507 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 62 Resp: 213635
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

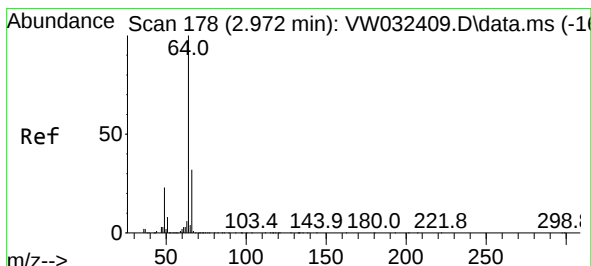
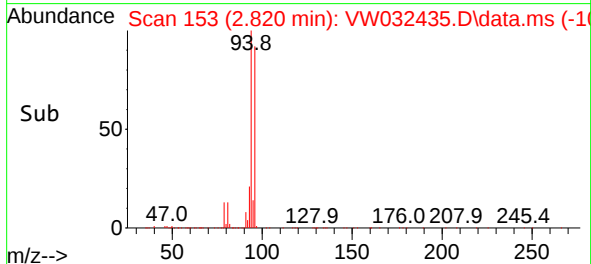
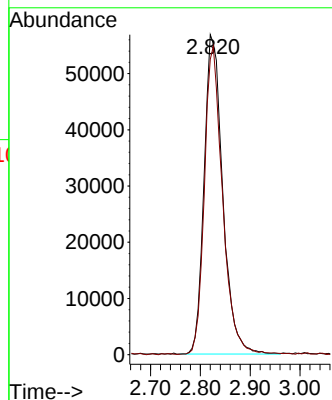
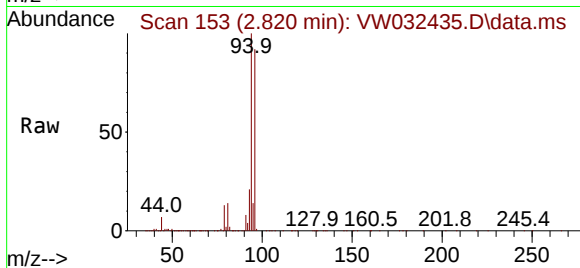




#5
Bromomethane
Concen: 51.116 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

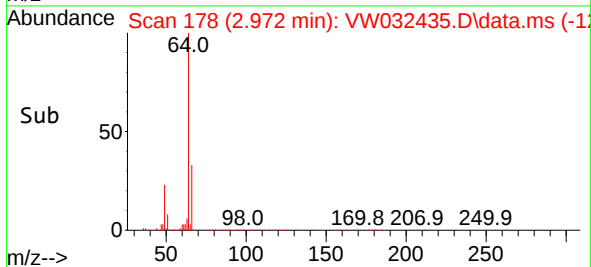
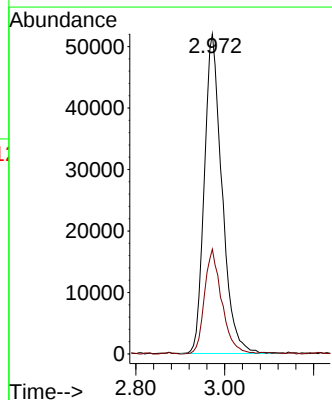
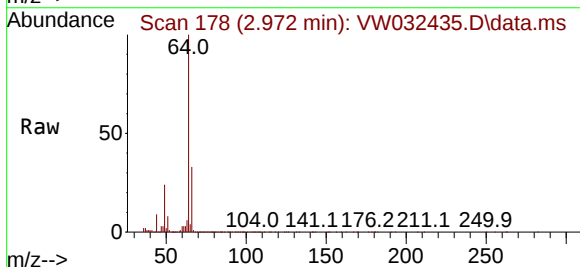
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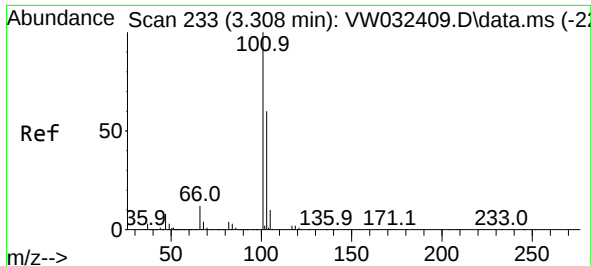
Tgt Ion: 94 Resp: 147551
Ion Ratio Lower Upper
94 100
96 92.3 71.4 107.2



#6
Chloroethane
Concen: 50.946 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 64 Resp: 143836
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4

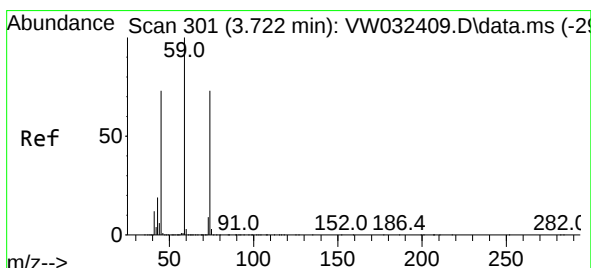
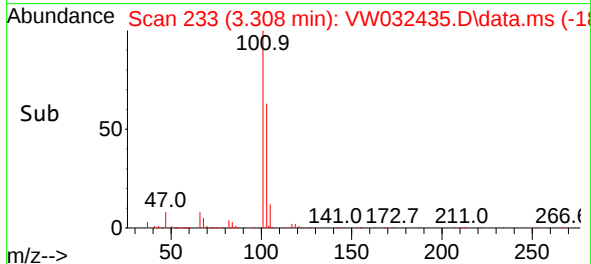
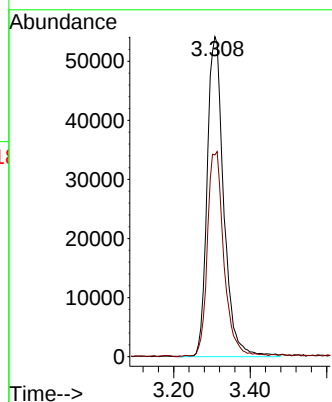
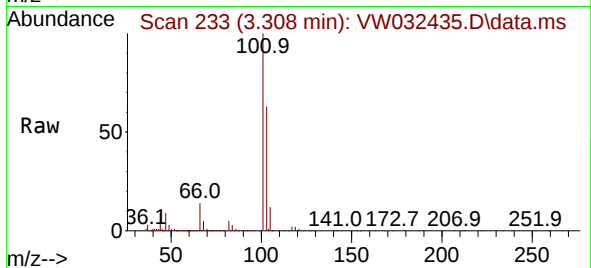




#7
 Trichlorofluoromethane
 Concen: 48.209 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032435.D
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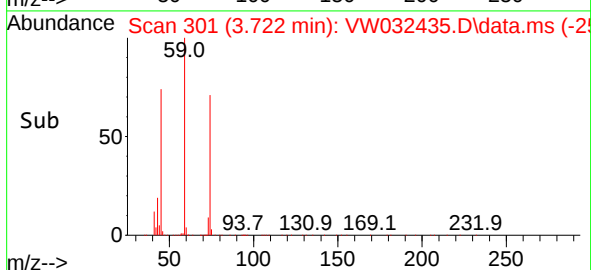
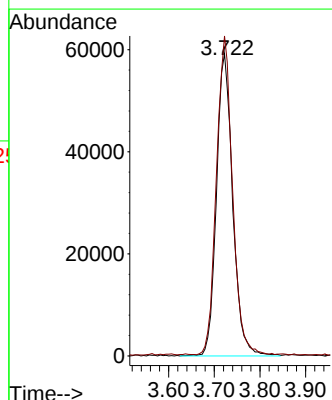
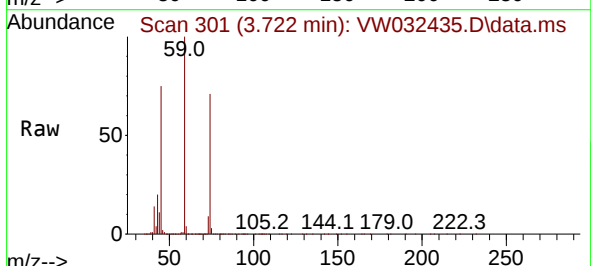
Instrument :
 MSVOA_W
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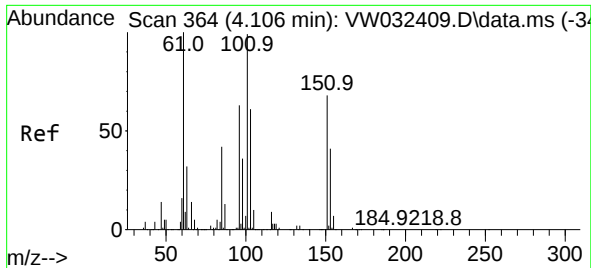
Tgt Ion:101 Resp: 163106
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.843 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032435.D
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Tgt Ion: 74 Resp: 146172
 Ion Ratio Lower Upper
 74 100
 45 104.8 51.8 155.4

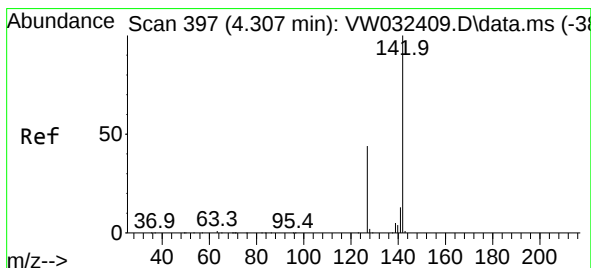
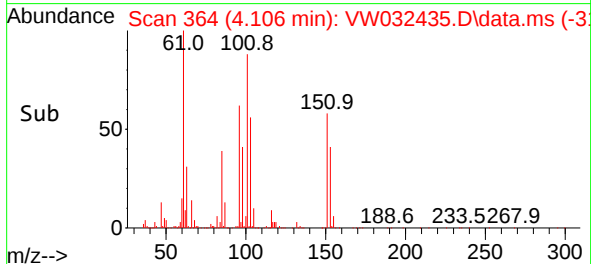
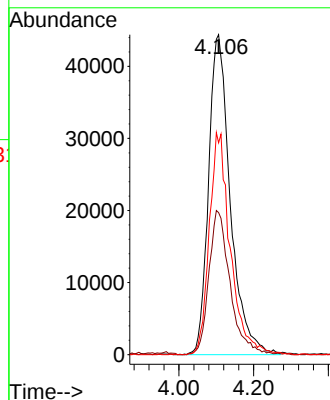
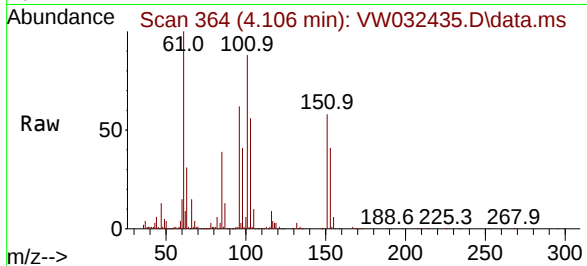




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.684 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW032435.D
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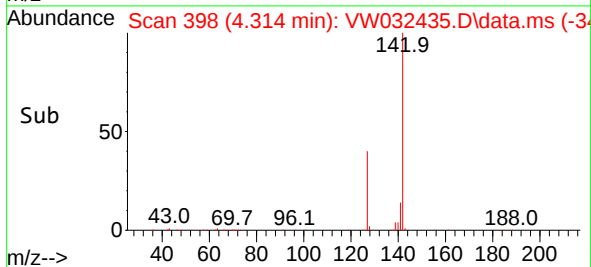
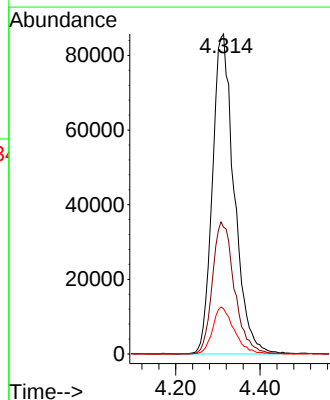
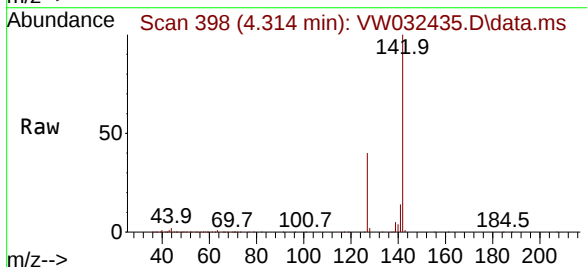
Instrument :
MSVOA_W
ClientSampleId :

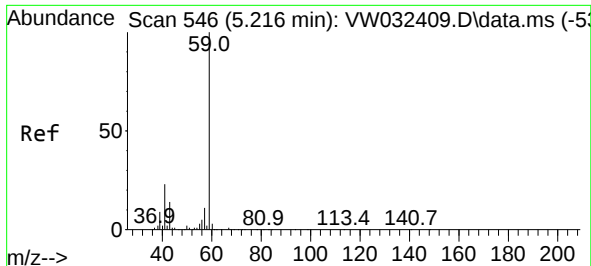
Tgt Ion:101 Resp: 179427
Ion Ratio Lower Upper
101 100
85 43.9 34.1 51.1
151 67.3 56.4 84.6



#10
Methyl Iodide
Concen: 51.681 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion:142 Resp: 306780
Ion Ratio Lower Upper
142 100
127 41.9 34.2 51.2
141 14.5 11.8 17.8

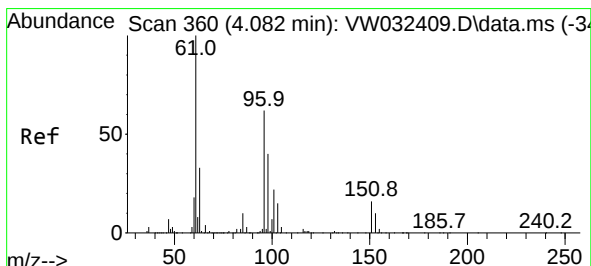
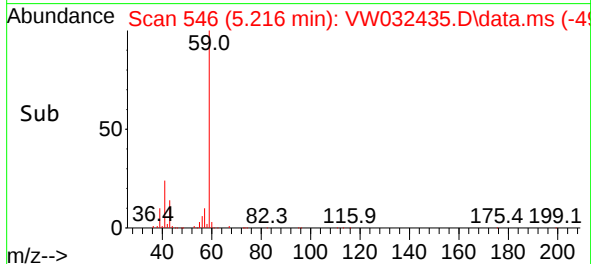
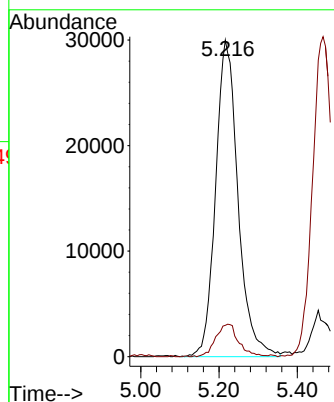
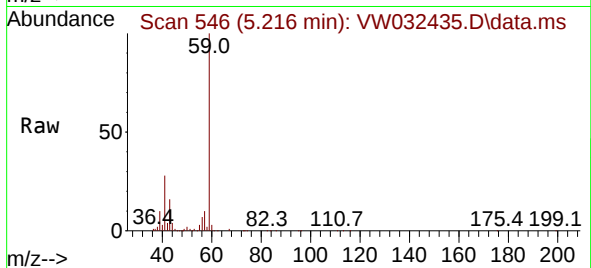




#11
Tert butyl alcohol
Concen: 272.219 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

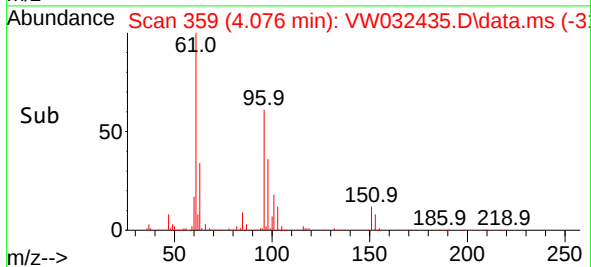
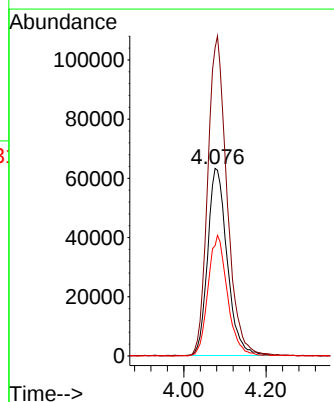
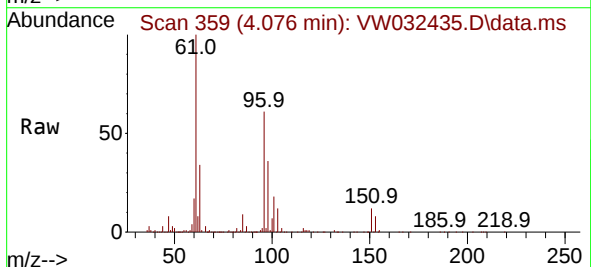
Instrument :
MSVOA_W
ClientSampleId :

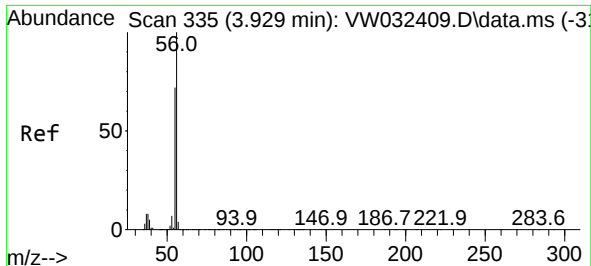
Tgt Ion: 59 Resp: 119318
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.154 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 96 Resp: 207730
Ion Ratio Lower Upper
96 100
61 164.6 129.0 193.6
98 58.8 51.1 76.7

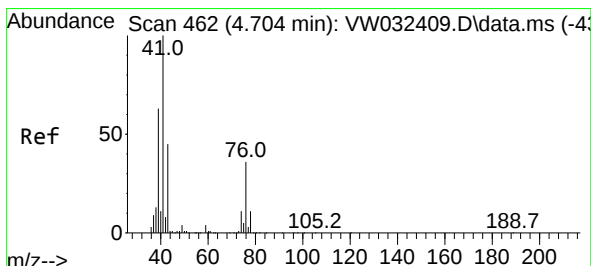
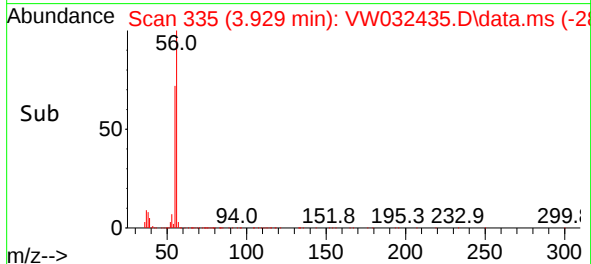
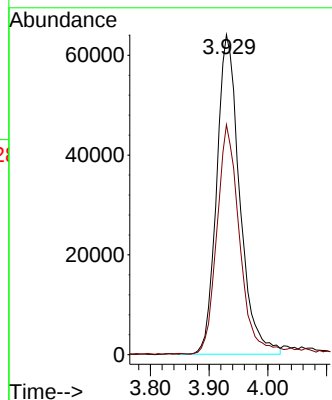
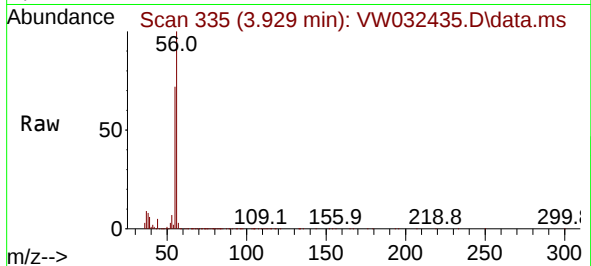




#13
Acrolein
Concen: 237.005 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

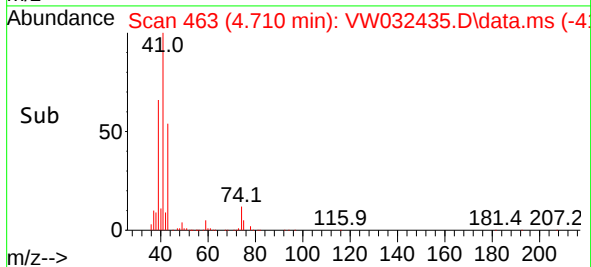
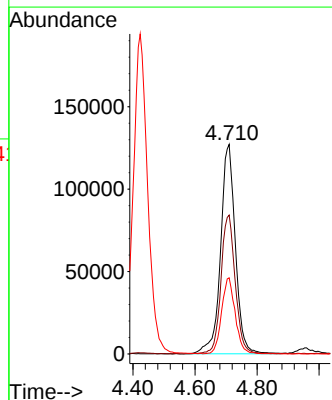
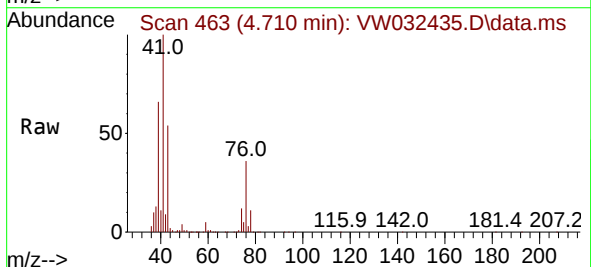
Instrument :
MSVOA_W
ClientSampleId :

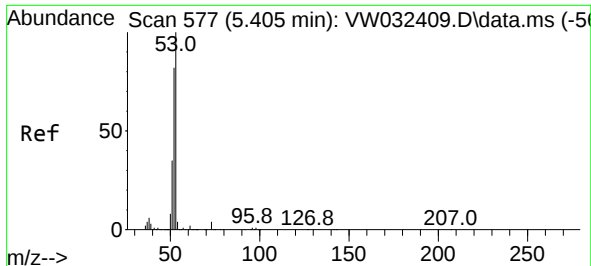
Tgt Ion: 56 Resp: 174296
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5



#14
Allyl chloride
Concen: 51.767 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 41 Resp: 420707
Ion Ratio Lower Upper
41 100
39 64.2 50.2 75.2
76 33.1 27.0 40.6

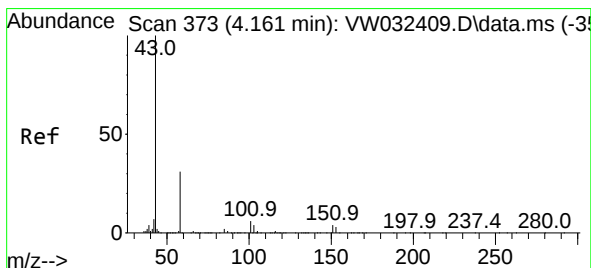
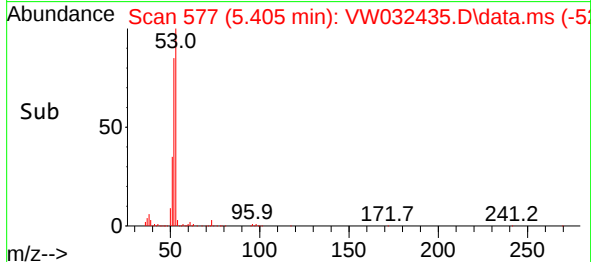
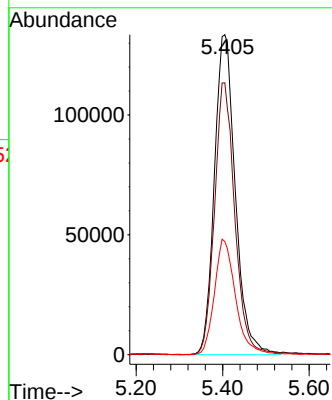
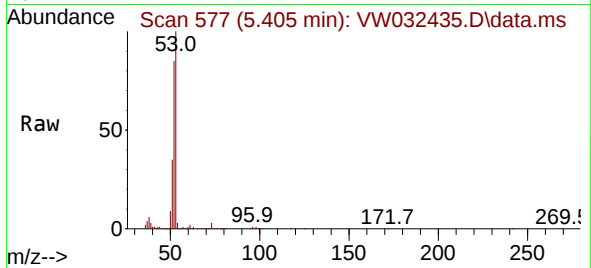




#15
Acrylonitrile
Concen: 280.950 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

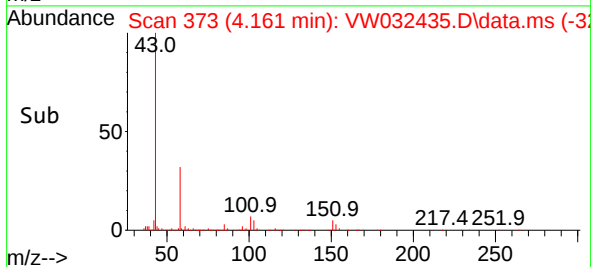
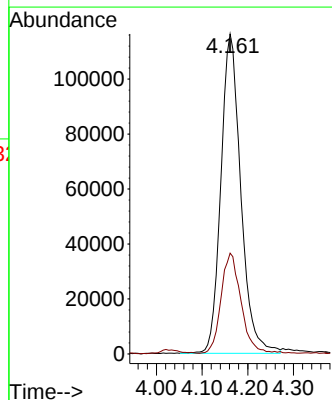
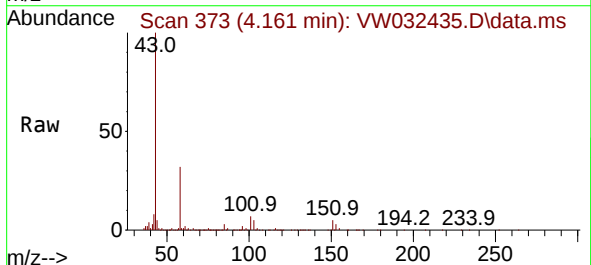
Instrument :
MSVOA_W
ClientSampleId :

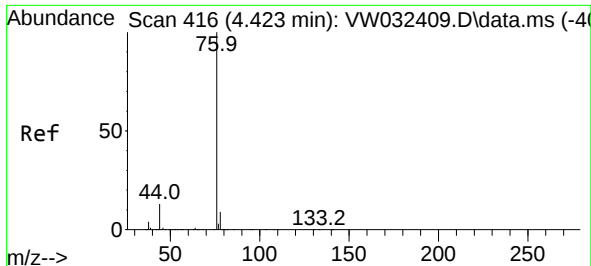
Tgt Ion: 53 Resp: 449337
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.4 28.6 43.0



#16
Acetone
Concen: 232.155 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 43 Resp: 352068
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2

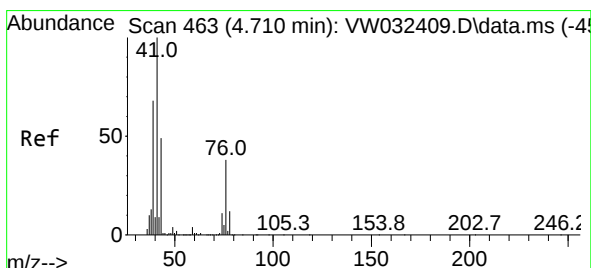
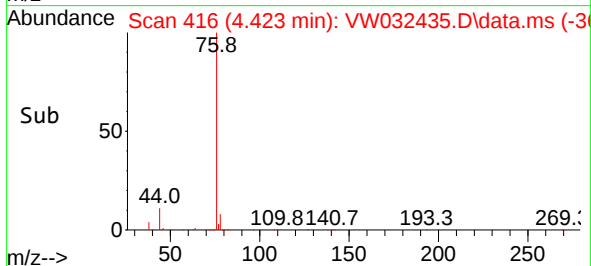
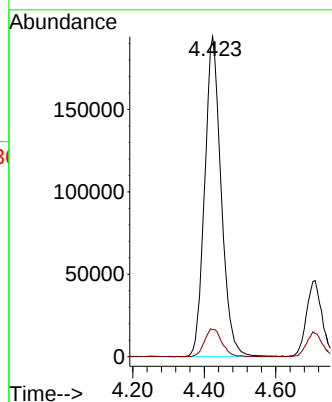
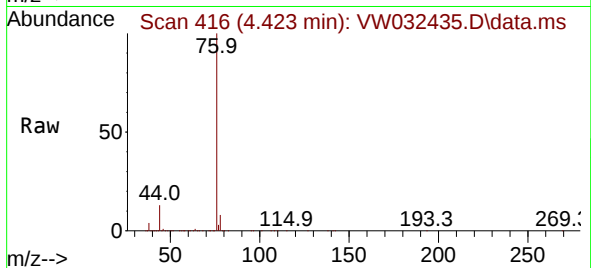




#17
Carbon Disulfide
Concen: 49.686 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

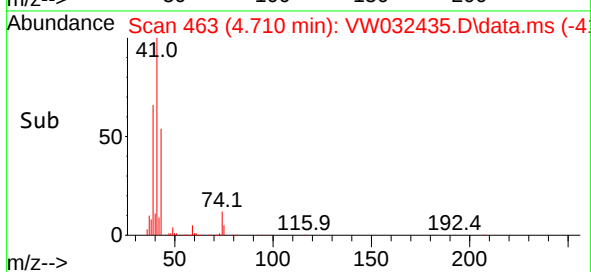
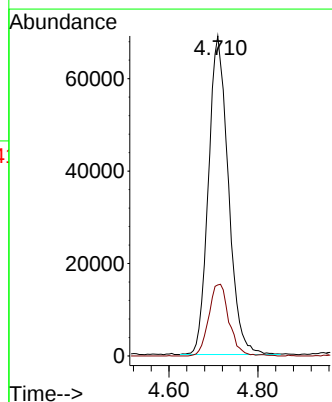
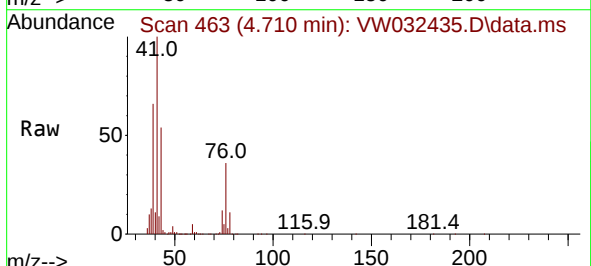
Instrument :
MSVOA_W
ClientSampleId :

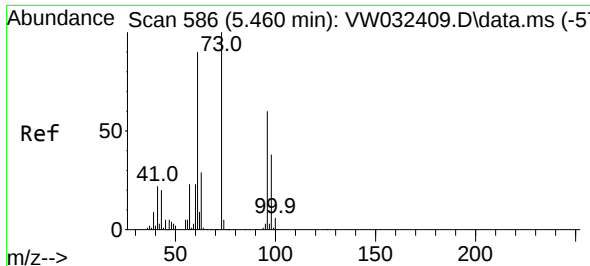
Tgt Ion: 76 Resp: 620608
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 57.119 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 43 Resp: 214507
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3

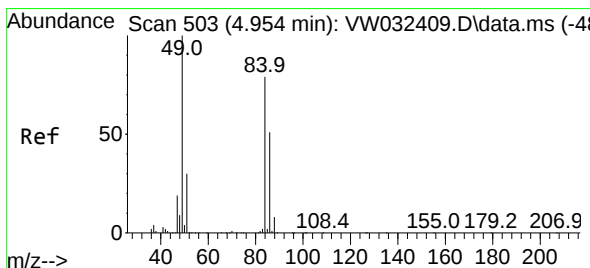
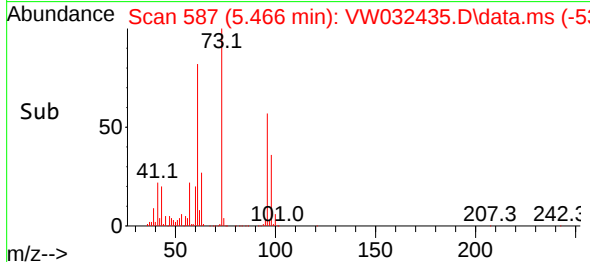
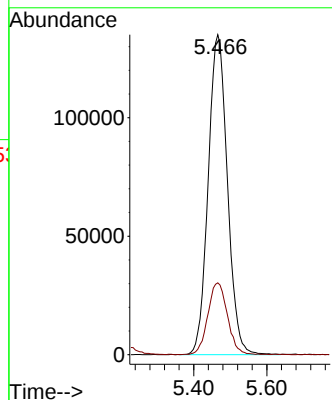
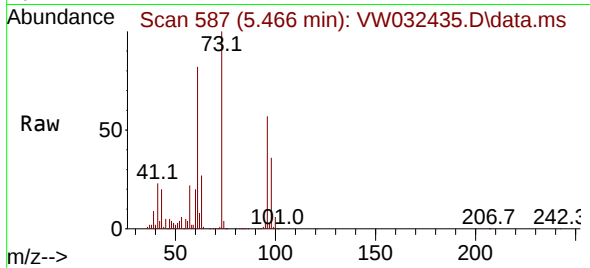




#19
Methyl tert-butyl Ether
Concen: 55.323 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

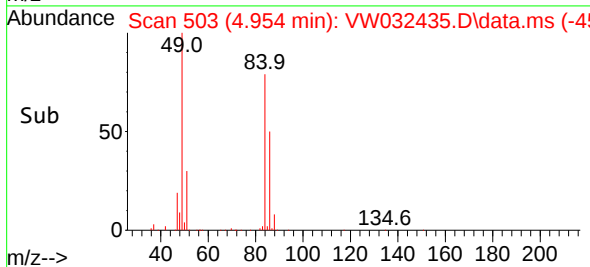
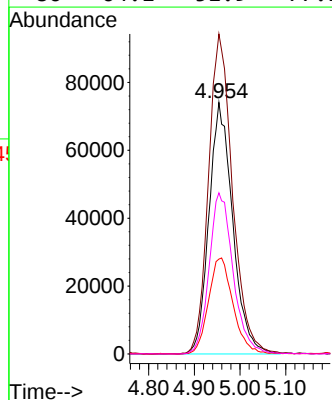
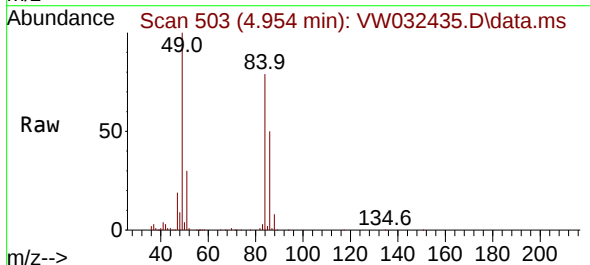
Instrument :
MSVOA_W
ClientSampleId :

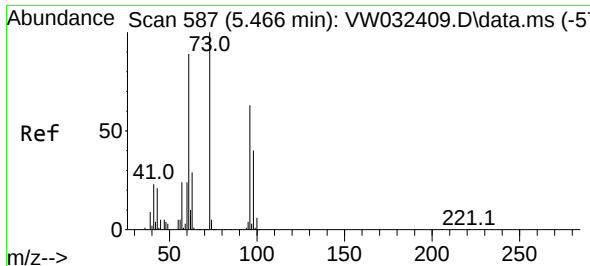
Tgt Ion: 73 Resp: 492841
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 49.257 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 84 Resp: 267143
Ion Ratio Lower Upper
84 100
49 127.1 101.5 152.3
51 37.7 30.6 46.0
86 64.1 51.9 77.9

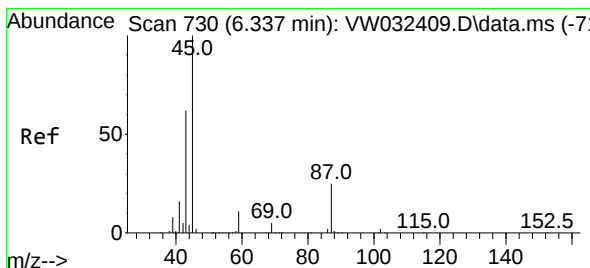
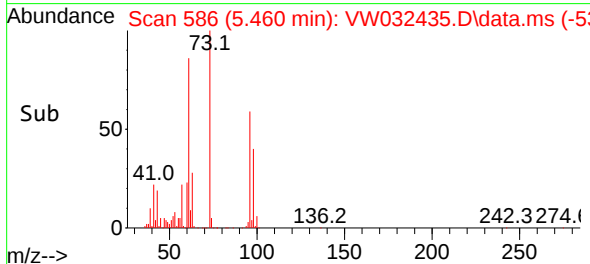
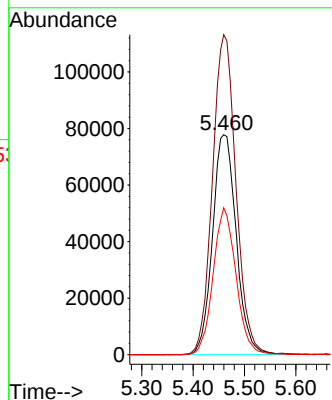
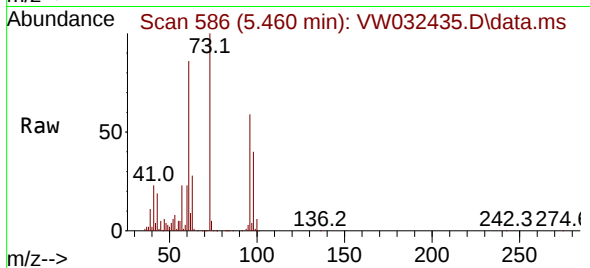




#21
trans-1,2-Dichloroethene
Concen: 51.692 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

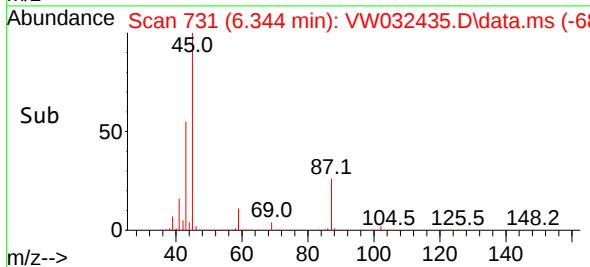
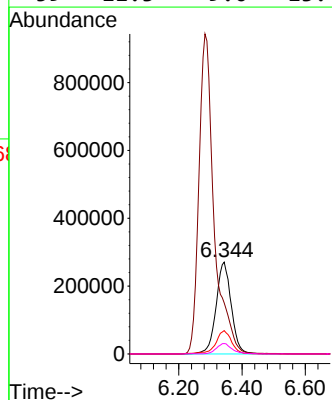
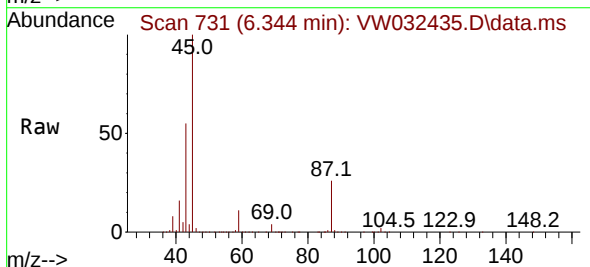
Instrument :
MSVOA_W
ClientSampleId :

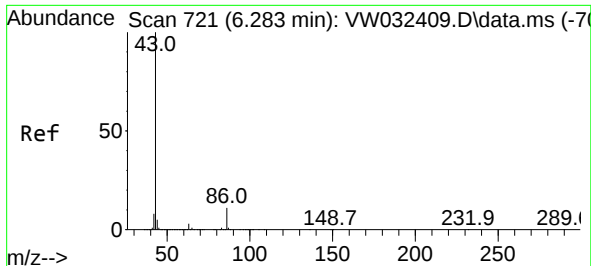
Tgt Ion: 96 Resp: 249792
Ion Ratio Lower Upper
96 100
61 145.4 112.5 168.7
98 66.7 51.1 76.7



#22
Diisopropyl ether
Concen: 54.355 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 45 Resp: 899406
Ion Ratio Lower Upper
45 100
43 55.5 49.4 74.2
87 25.5 20.1 30.1
59 11.3 9.0 13.4

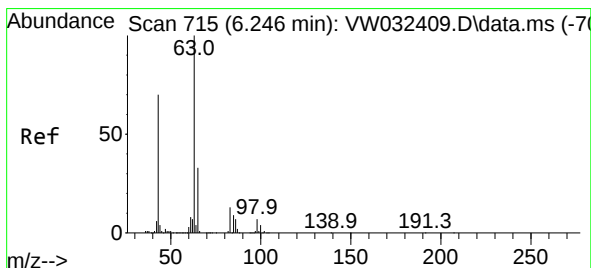
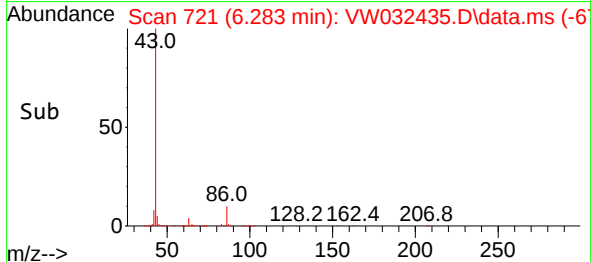
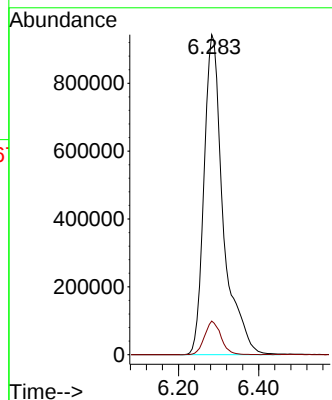
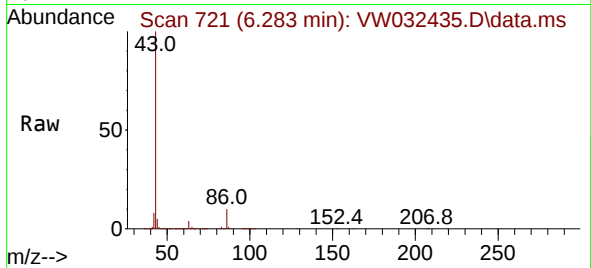




#23
 Vinyl Acetate
 Concen: 276.341 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032435.D
 Acq: 11 Nov 2025 16:49

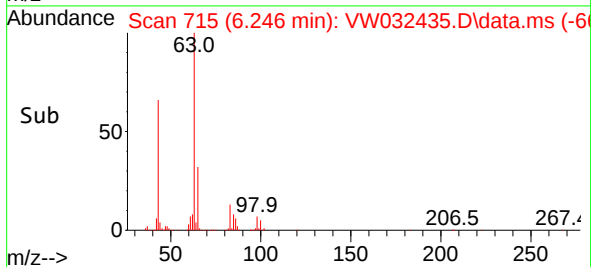
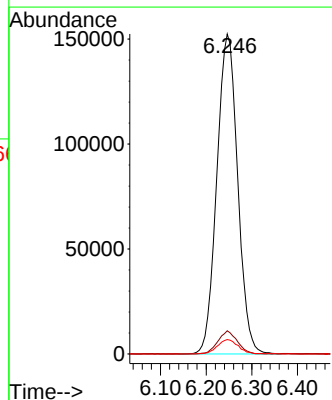
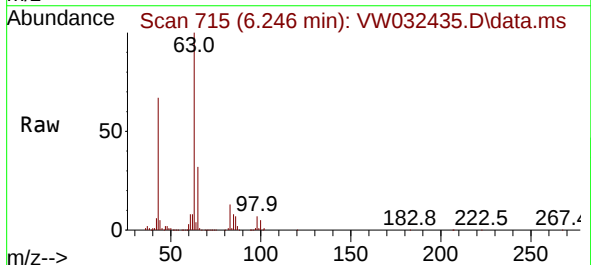
Instrument :
 MSVOA_W
 ClientSampleId :

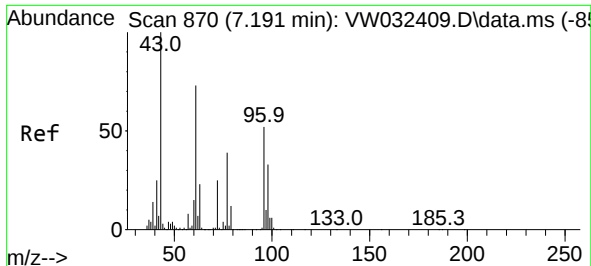
Tgt Ion: 43 Resp: 3132821
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.306 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032435.D
 Acq: 11 Nov 2025 16:49

Tgt Ion: 63 Resp: 483258
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.5 2.3 6.8

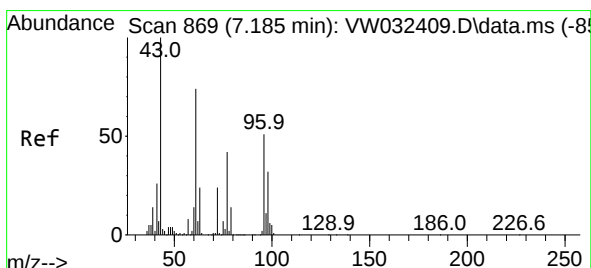
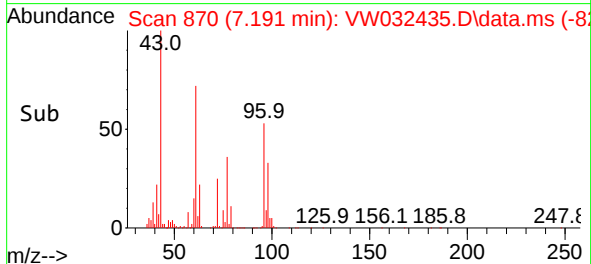
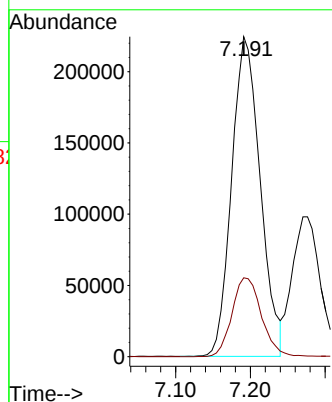
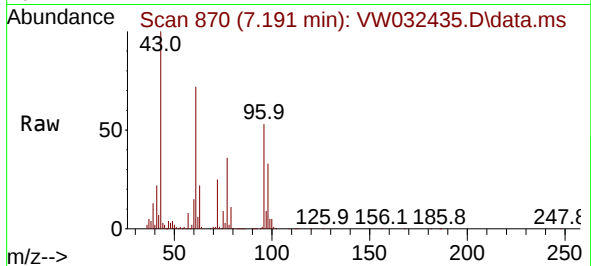




#25
2-Butanone
Concen: 267.010 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

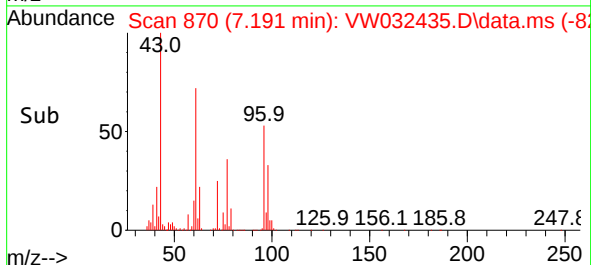
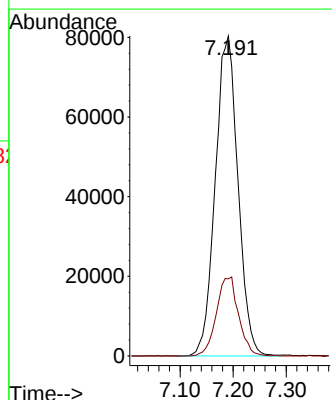
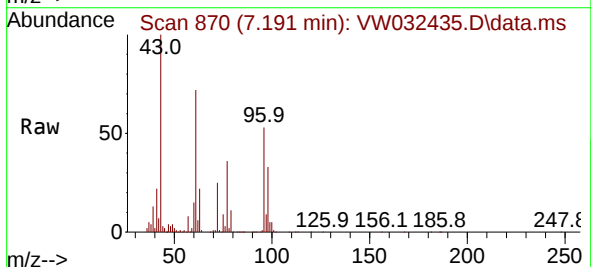
Instrument :
MSVOA_W
ClientSampleId :

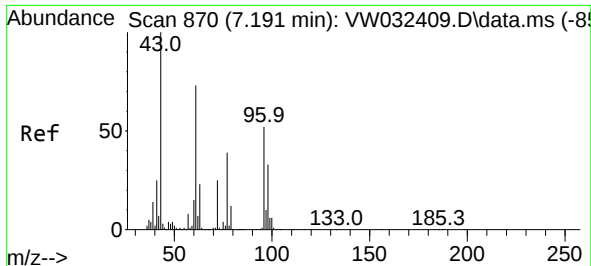
Tgt Ion: 43 Resp: 596559
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 47.268 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 77 Resp: 238819
Ion Ratio Lower Upper
77 100
97 24.1 12.3 36.8

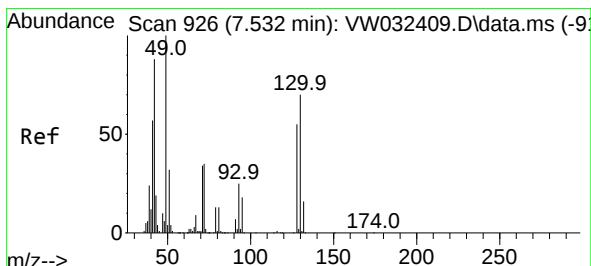
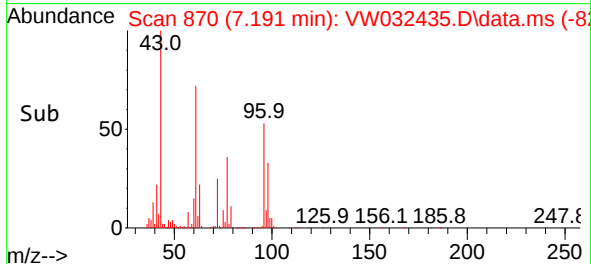
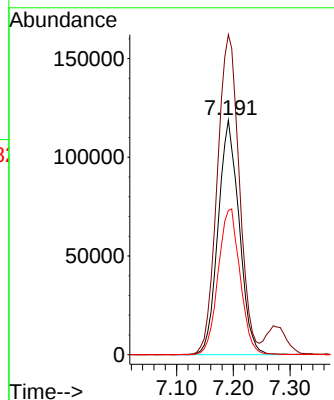
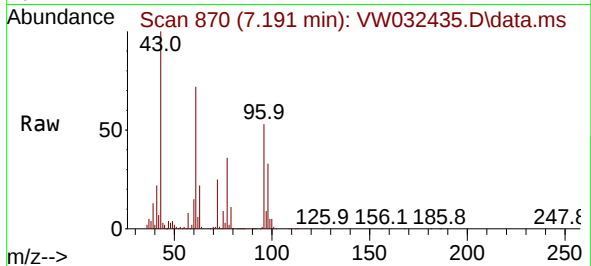




#27
 cis-1,2-Dichloroethene
 Concen: 53.102 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032435.D
 Acq: 11 Nov 2025 16:49

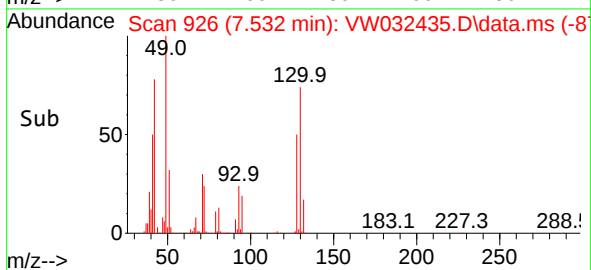
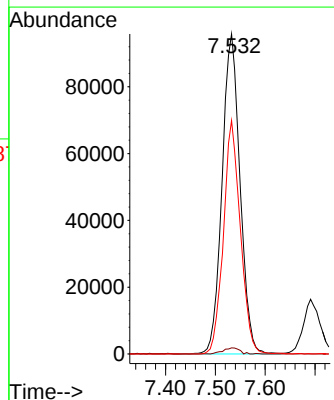
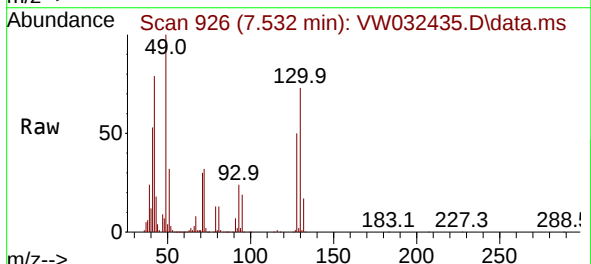
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 306610
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 282.6
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.892 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032435.D
 Acq: 11 Nov 2025 16:49

Tgt Ion: 49 Resp: 239487
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 68.7 56.9 85.3





#29

Tetrahydrofuran

Concen: 286.552 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

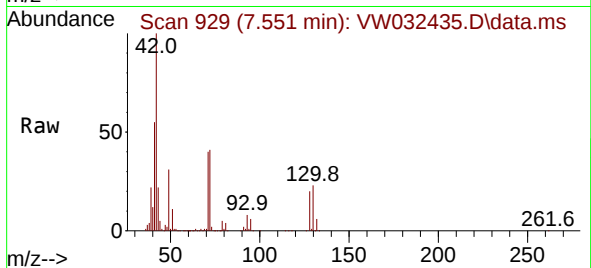
Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

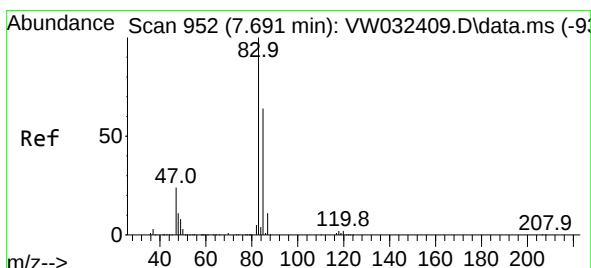
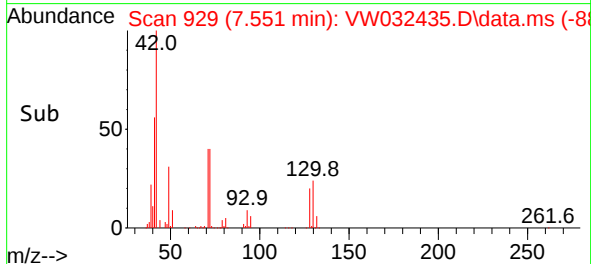
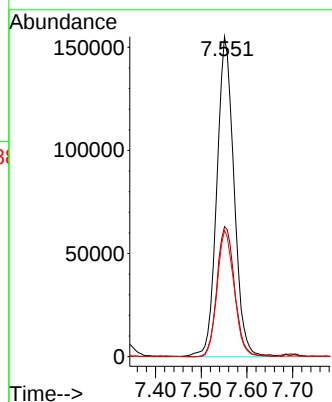
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 42	Resp: 406351
Ion Ratio	Lower Upper
42	100
72	41.8 33.6 50.4
71	39.1 31.4 47.0



#30

Chloroform

Concen: 53.685 ug/l

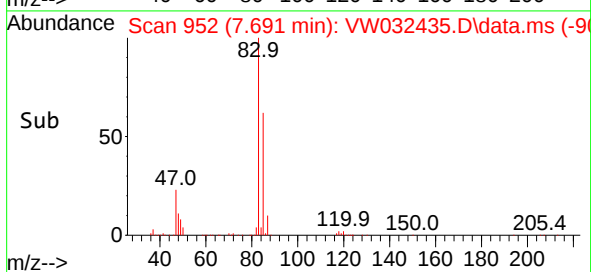
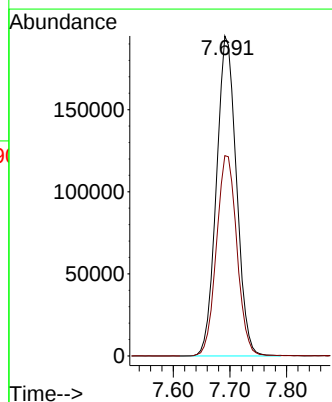
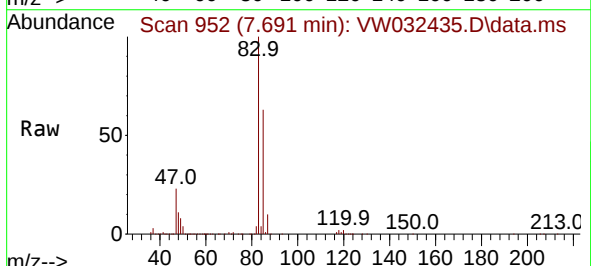
RT: 7.691 min Scan# 952

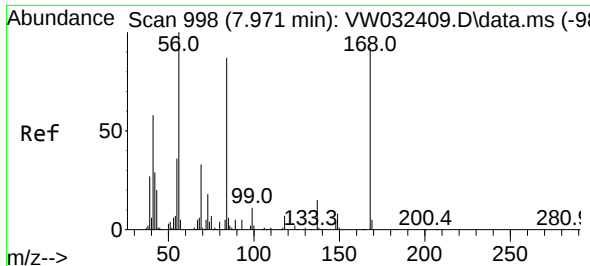
Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

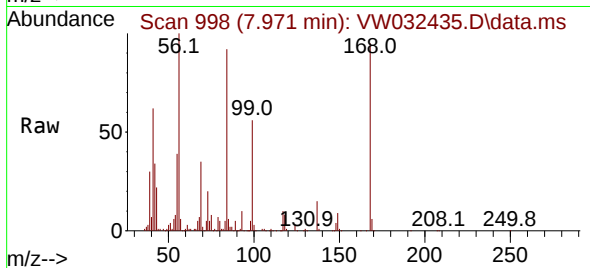
Tgt Ion: 83	Resp: 476452
Ion Ratio	Lower Upper
83	100
85	62.6 51.0 76.4



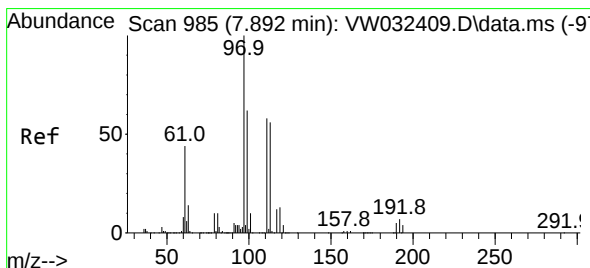
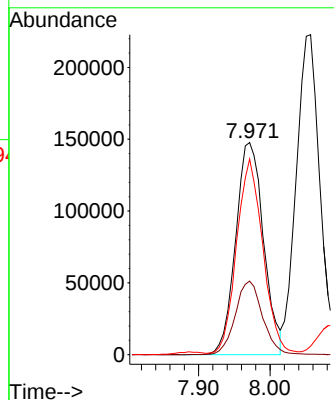
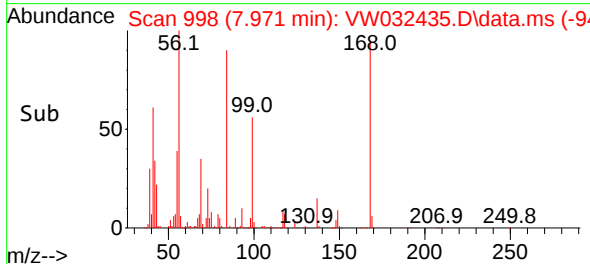


#31
Cyclohexane
Concen: 47.566 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

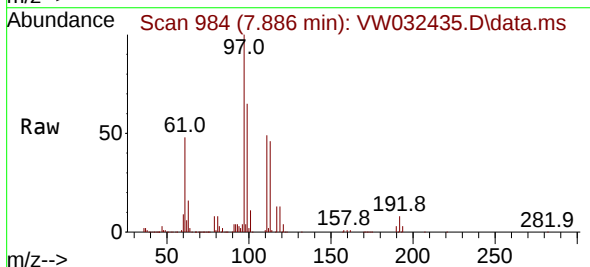
Instrument :
MSVOA_W
ClientSampleId :



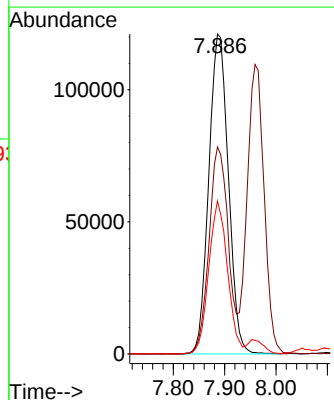
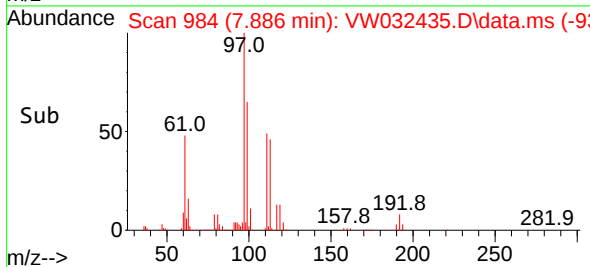
Tgt Ion: 56 Resp: 398891
Ion Ratio Lower Upper
56 100
69 34.7 26.5 39.7
84 91.1 69.6 104.4

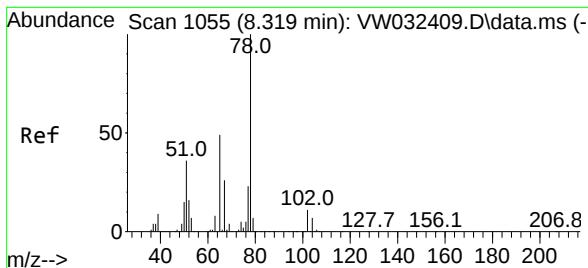


#32
1,1,1-Trichloroethane
Concen: 50.596 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49



Tgt Ion: 97 Resp: 320778
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 45.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 53.716 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

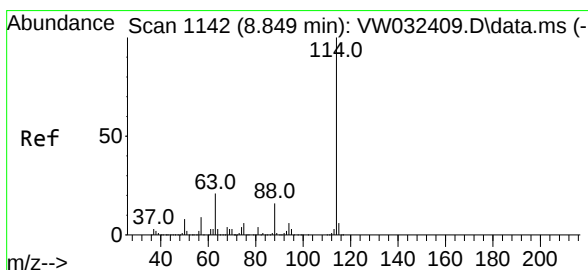
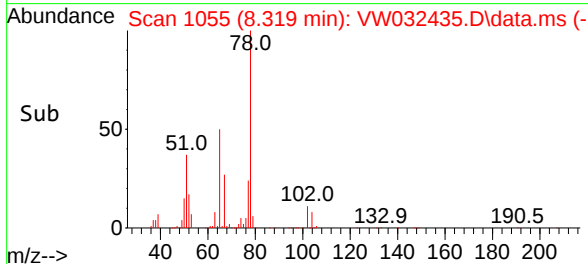
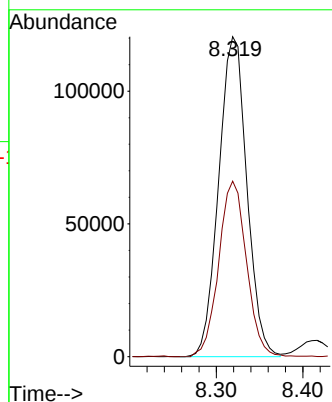
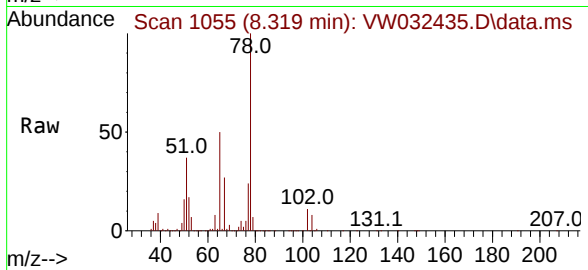
ClientSampleId :

Tgt Ion: 65 Resp: 272288

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

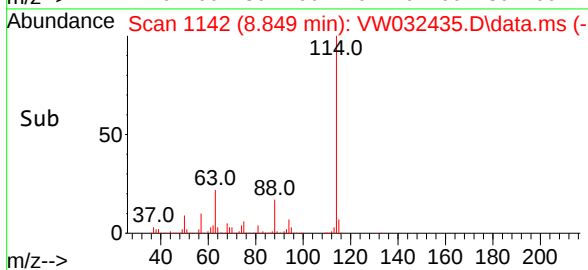
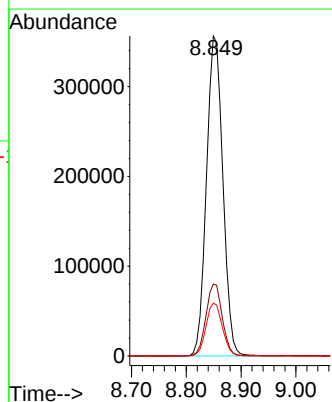
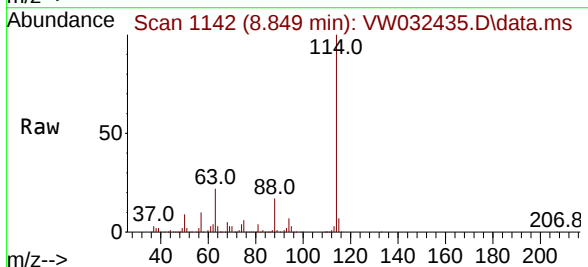
Tgt Ion: 114 Resp: 738581

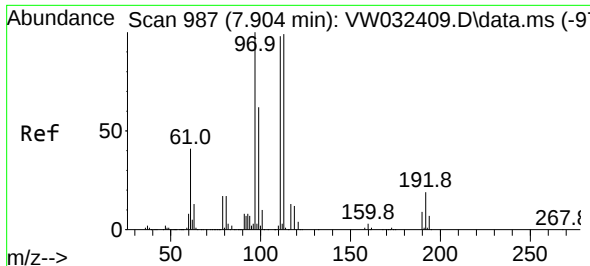
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.5 0.0 32.6

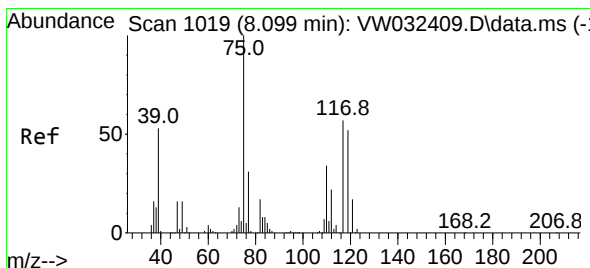
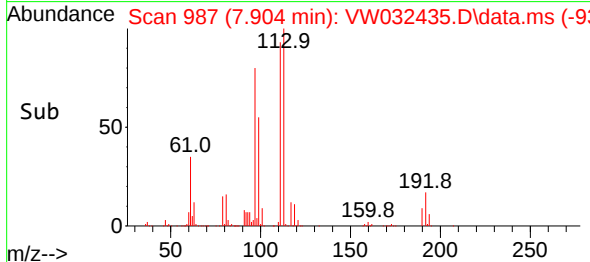
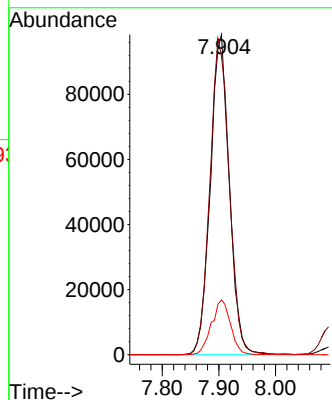
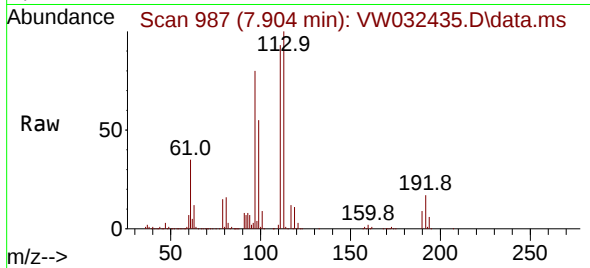




#35
Dibromofluoromethane
Concen: 51.478 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

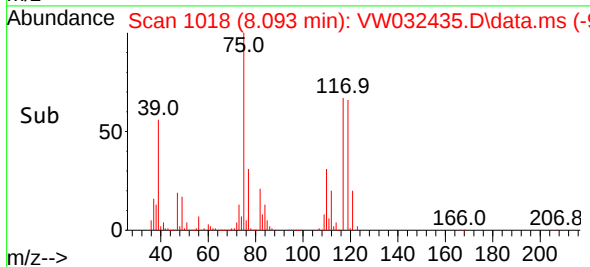
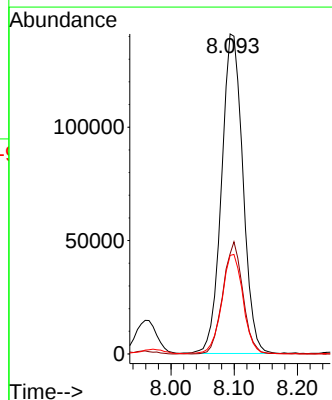
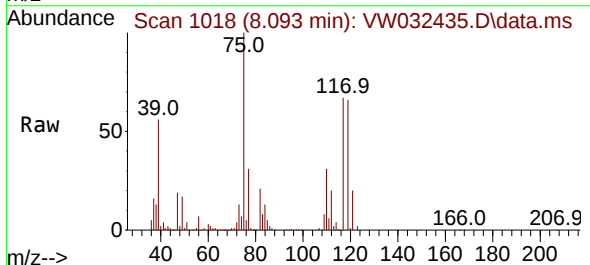
Instrument :
MSVOA_W
ClientSampleId :

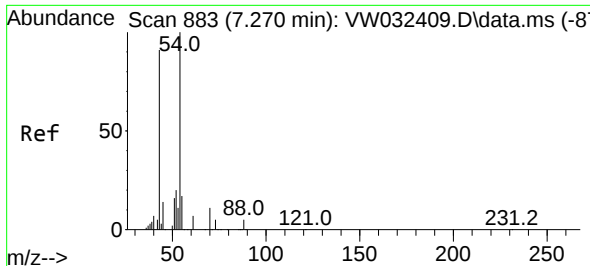
Tgt Ion:113 Resp: 227640
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 17.2 13.4 20.2



#36
1,1-Dichloropropene
Concen: 50.620 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 75 Resp: 329814
Ion Ratio Lower Upper
75 100
110 33.0 17.2 51.5
77 31.0 24.5 36.7





#37

Ethyl Acetate

Concen: 54.651 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

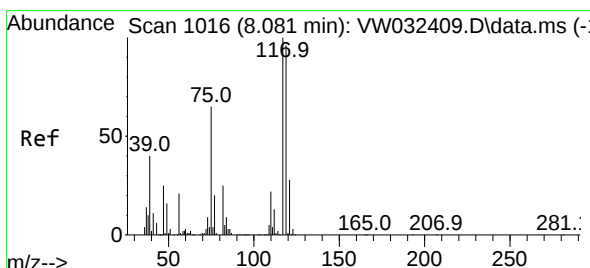
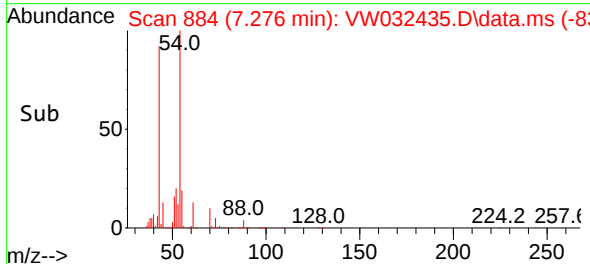
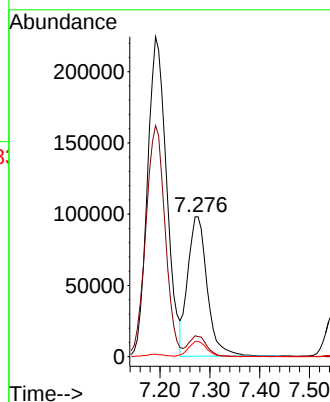
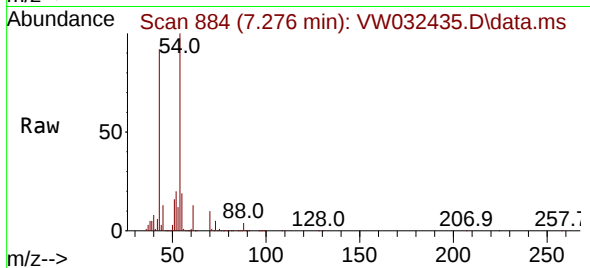
Tgt Ion: 43 Resp: 264778

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 10.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 47.965 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

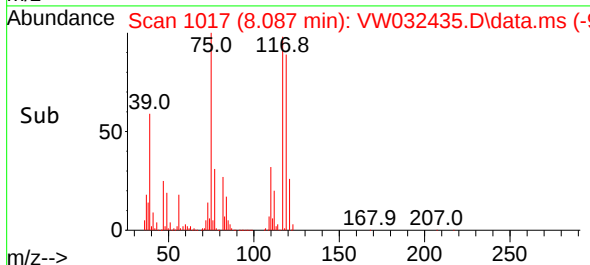
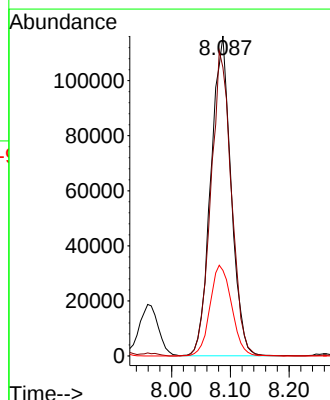
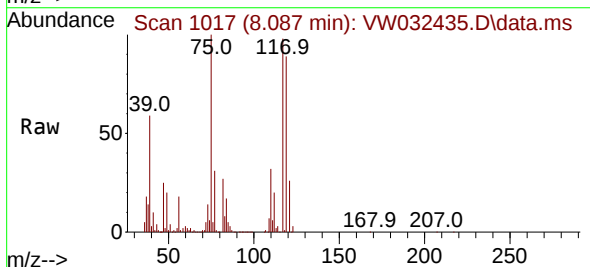
Tgt Ion: 117 Resp: 277681

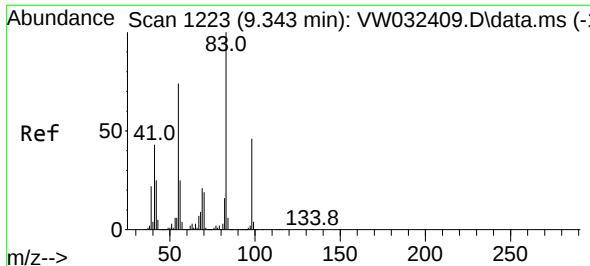
Ion Ratio Lower Upper

117 100

119 90.1 77.0 115.4

121 26.8 22.0 33.0





#39

Methylcyclohexane

Concen: 49.594 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

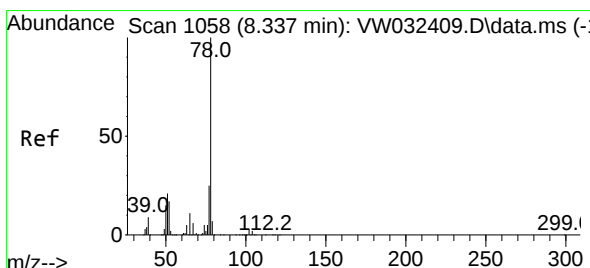
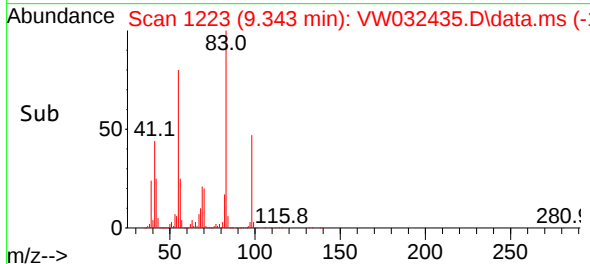
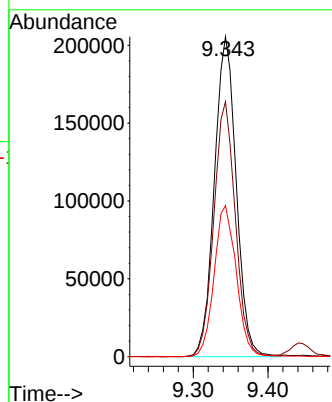
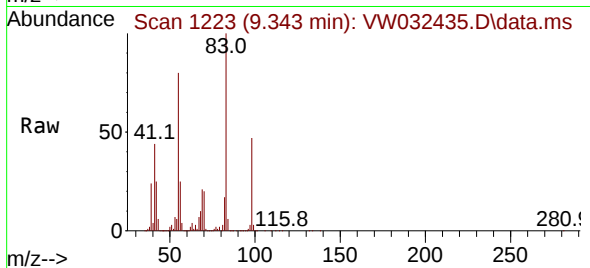
Tgt Ion: 83 Resp: 418600

Ion Ratio Lower Upper

83 100

55 79.7 59.2 88.8

98 47.2 36.6 54.8



#40

Benzene

Concen: 51.294 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032435.D

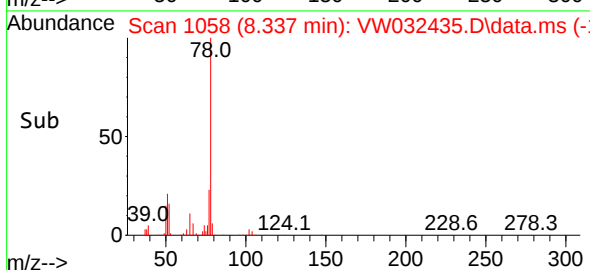
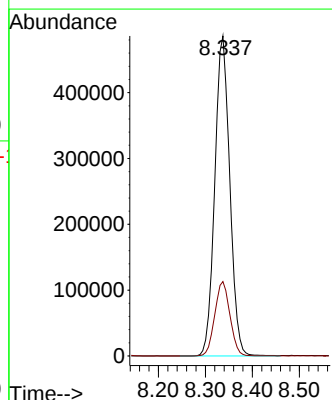
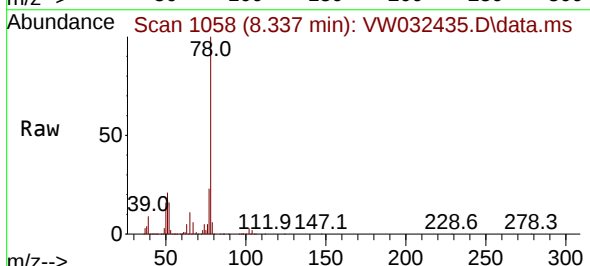
Acq: 11 Nov 2025 16:49

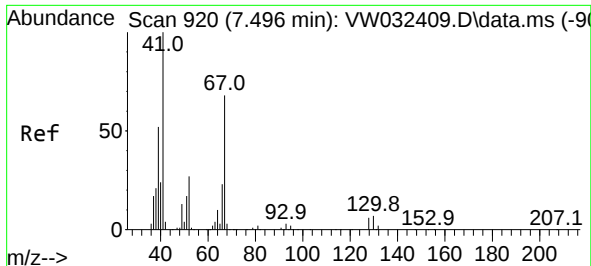
Tgt Ion: 78 Resp: 1076254

Ion Ratio Lower Upper

78 100

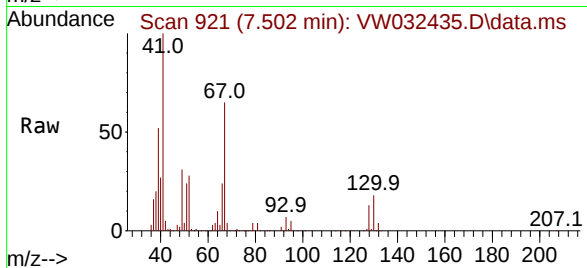
77 23.2 19.6 29.4



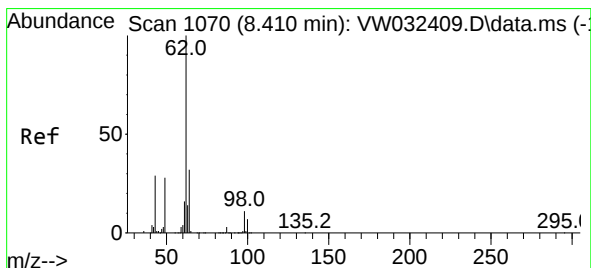
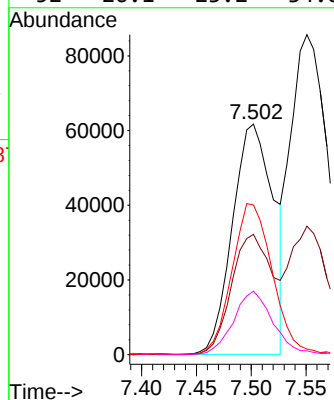
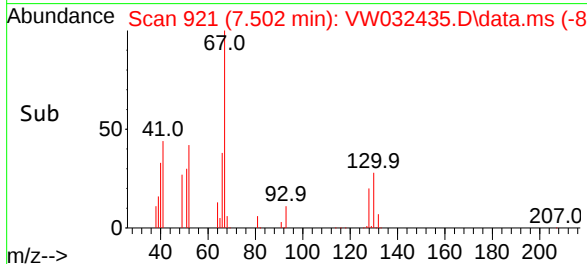


#41
Methacrylonitrile
Concen: 60.318 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

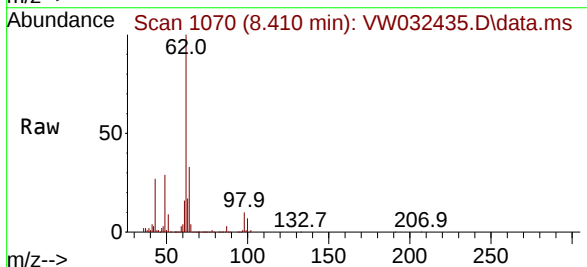
Instrument :
MSVOA_W
ClientSampleId :



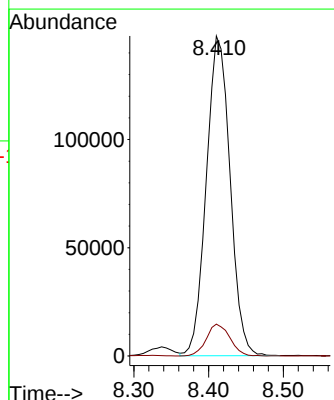
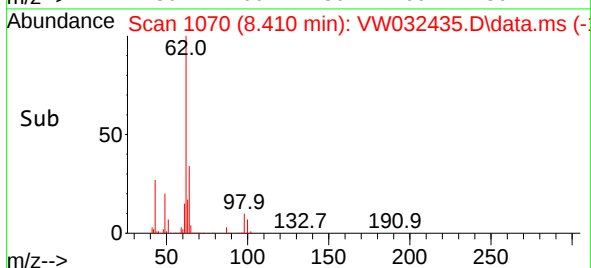
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.7	44.6	66.8
67	64.9	57.6	86.4
52	26.1	23.2	34.8

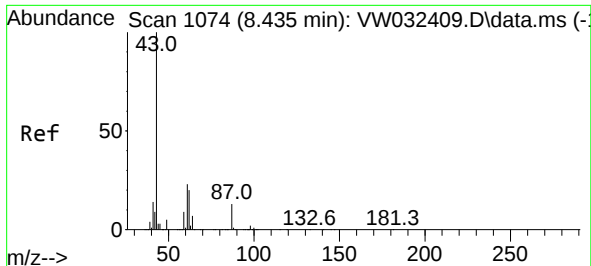


#42
1,2-Dichloroethane
Concen: 52.988 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49



Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

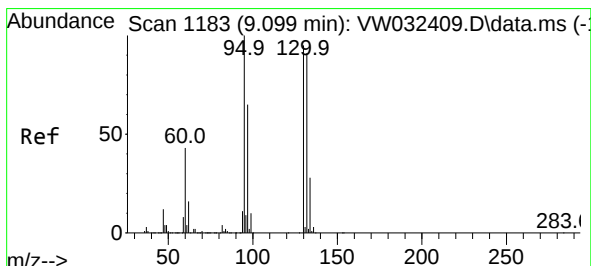
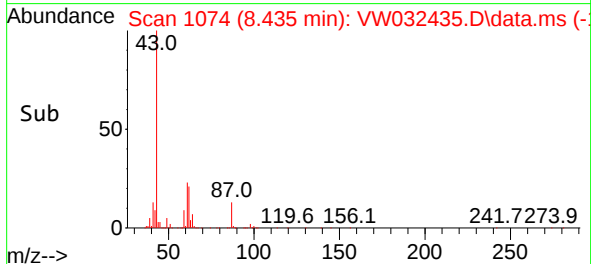
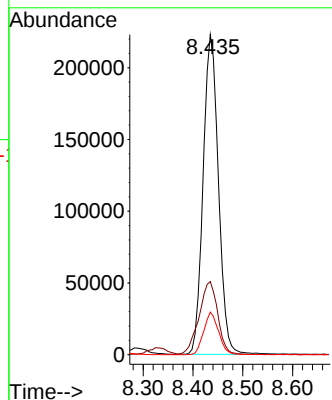
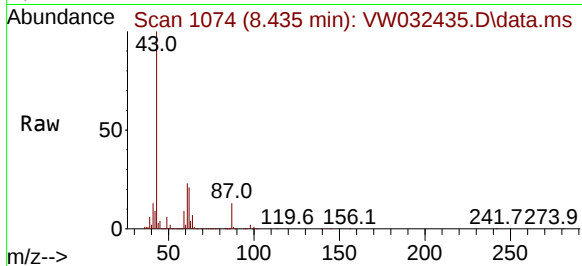




#43
Isopropyl Acetate
Concen: 55.473 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

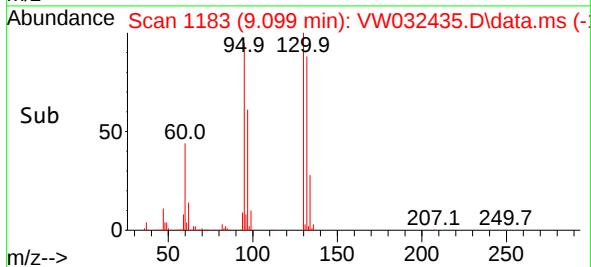
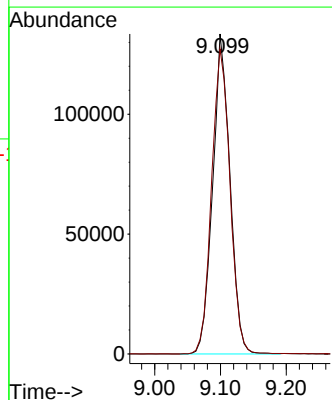
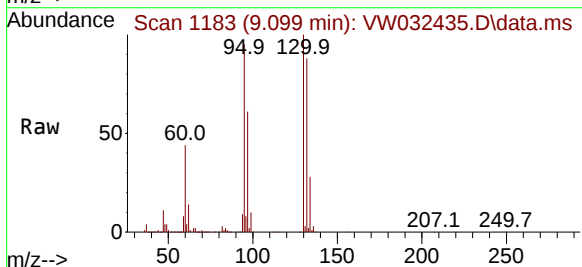
Instrument :
MSVOA_W
ClientSampleId :

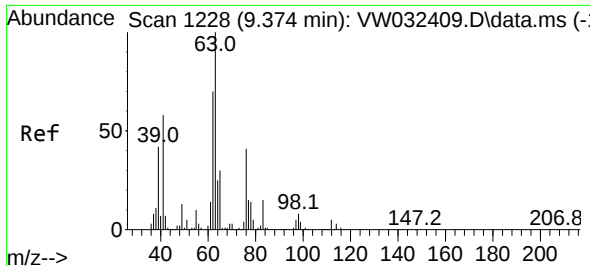
Tgt Ion: 43 Resp: 475893
Ion Ratio Lower Upper
43 100
61 27.7 22.6 33.8
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 50.106 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion:130 Resp: 244640
Ion Ratio Lower Upper
130 100
95 95.3 0.0 209.6

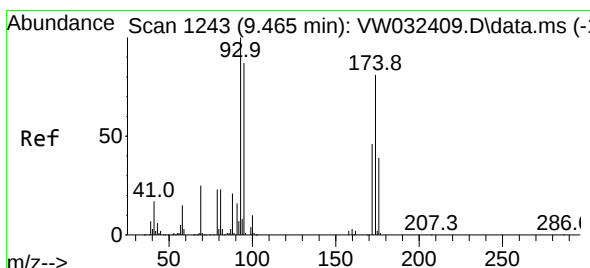
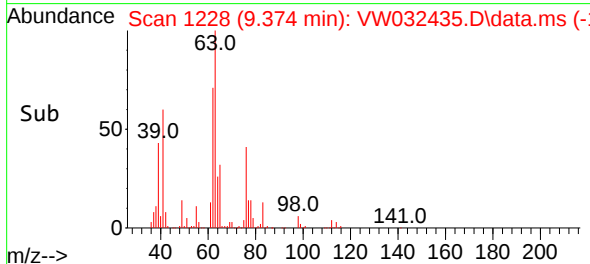
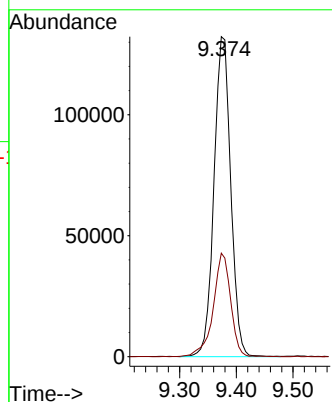
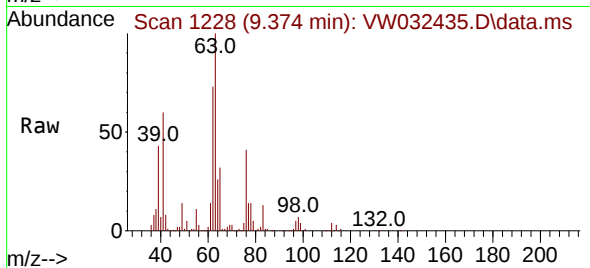




#45
1,2-Dichloropropane
Concen: 51.972 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

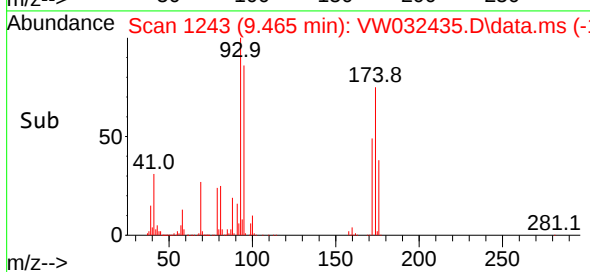
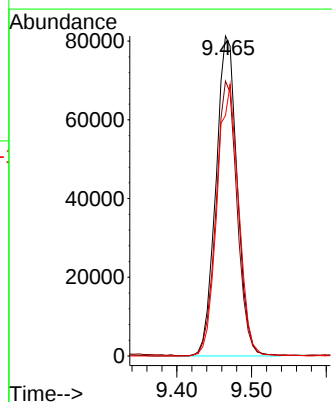
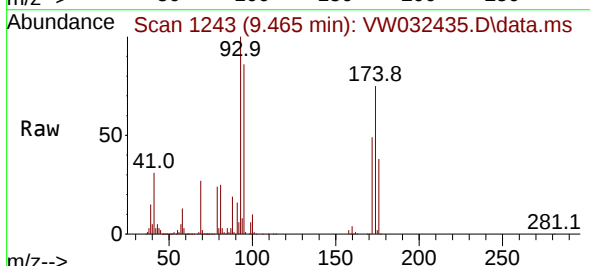
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 271533
Ion Ratio Lower Upper
63 100
65 32.3 24.4 36.6



#46
Dibromomethane
Concen: 52.877 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 93 Resp: 161437
Ion Ratio Lower Upper
93 100
95 84.8 67.1 100.7
174 85.8 68.2 102.4

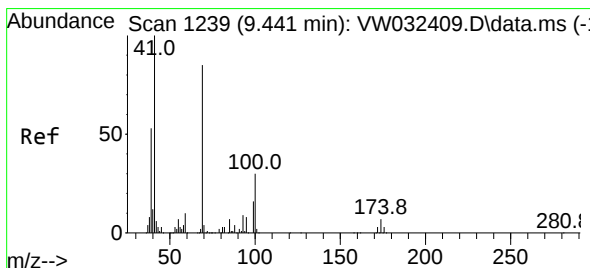
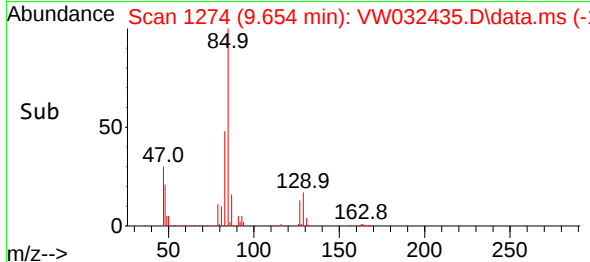
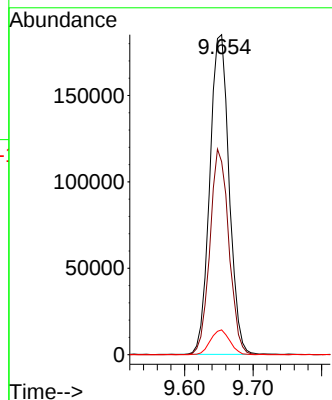
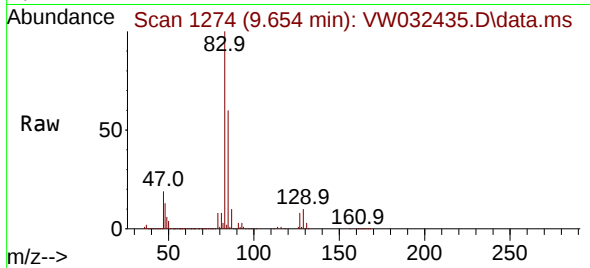




#47
Bromodichloromethane
Concen: 52.089 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

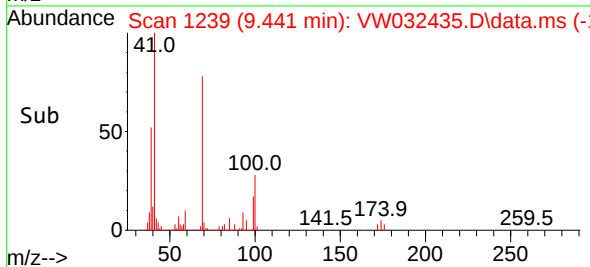
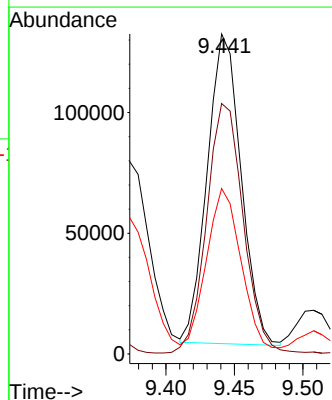
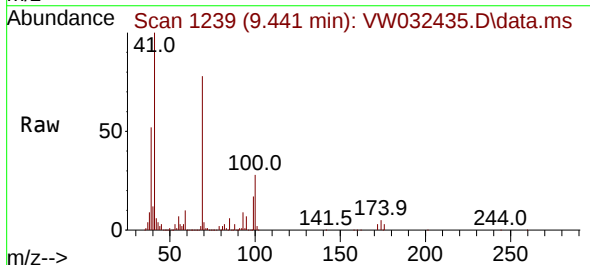
Instrument :
MSVOA_W
ClientSampleId :

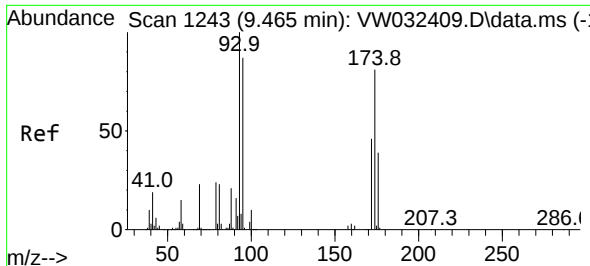
Tgt Ion: 83 Resp: 362766
Ion Ratio Lower Upper
83 100
85 60.3 48.7 73.1
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 54.101 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 41 Resp: 220548
Ion Ratio Lower Upper
41 100
69 87.4 65.8 98.6
39 51.7 38.6 57.8

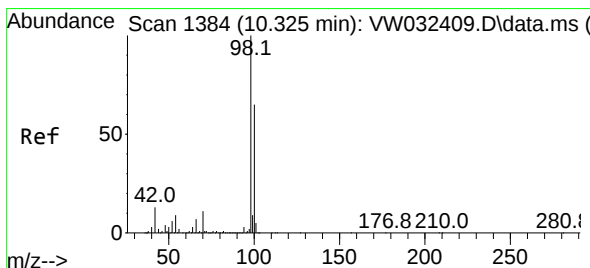
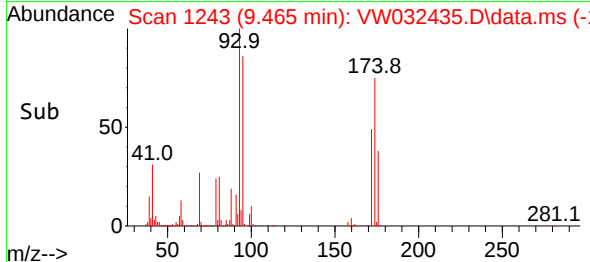
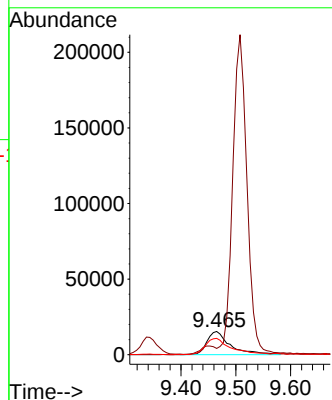
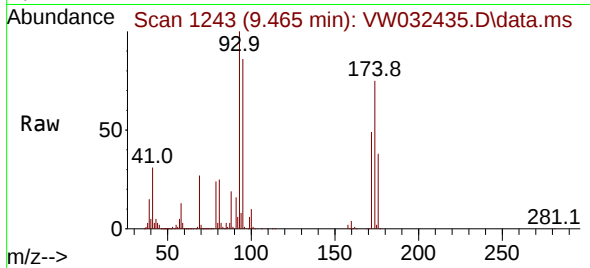




#49
1,4-Dioxane
Concen: 1060.586 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

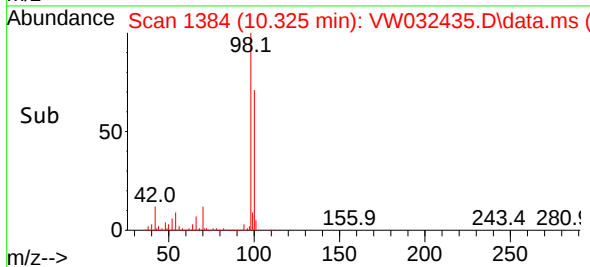
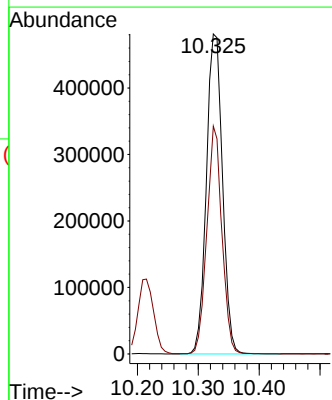
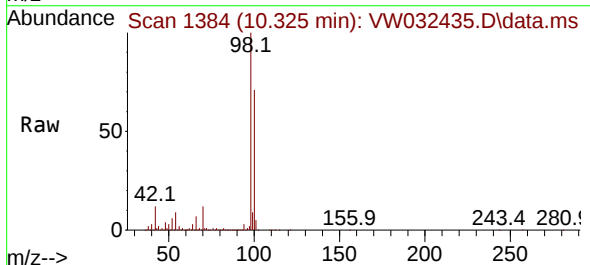
Instrument :
MSVOA_W
ClientSampleId :

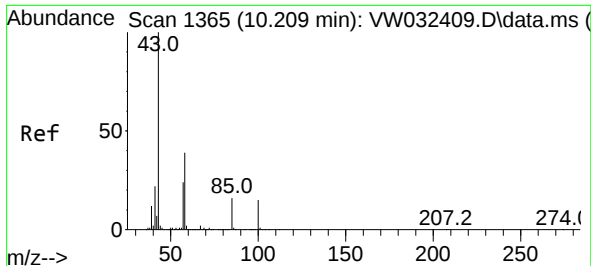
Tgt Ion: 88 Resp: 45361
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.0 63.0 94.4



#50
Toluene-d8
Concen: 52.057 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 98 Resp: 883125
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 279.913 ug/l

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

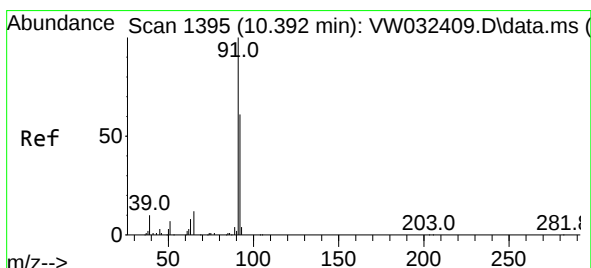
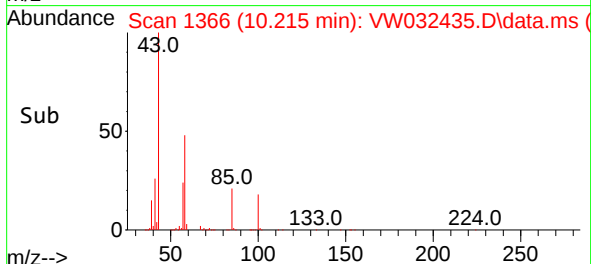
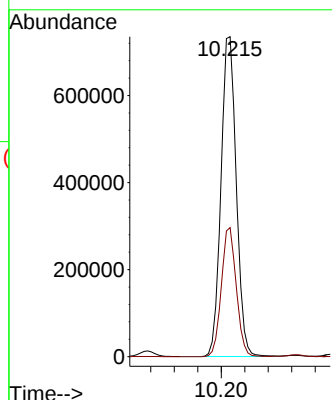
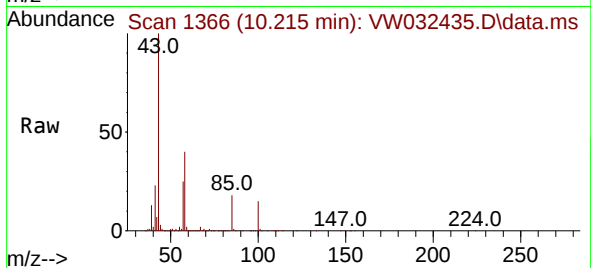
ClientSampleId :

Tgt Ion: 43 Resp: 1327500

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2



#52

Toluene

Concen: 51.299 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VW032435.D

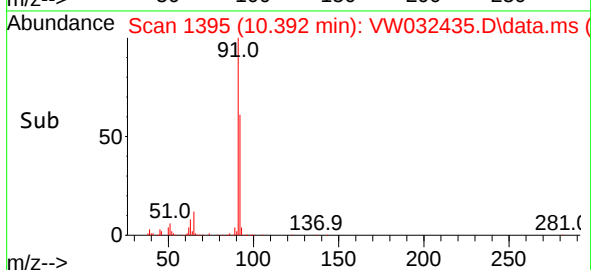
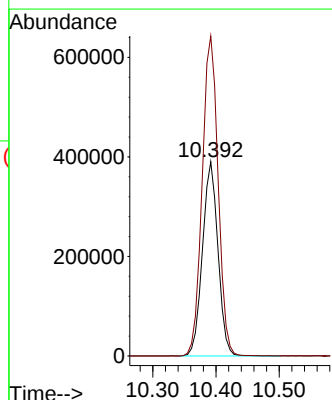
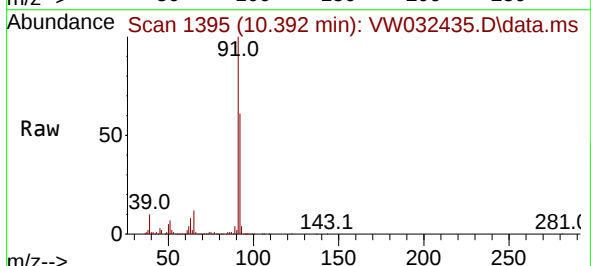
Acq: 11 Nov 2025 16:49

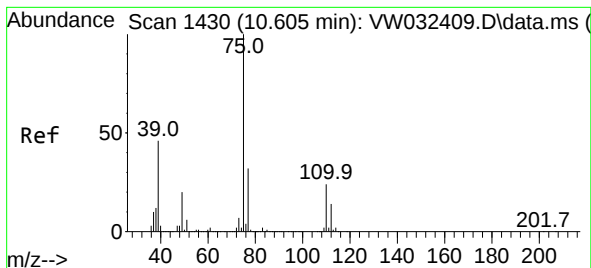
Tgt Ion: 92 Resp: 664850

Ion Ratio Lower Upper

92 100

91 169.5 136.6 205.0

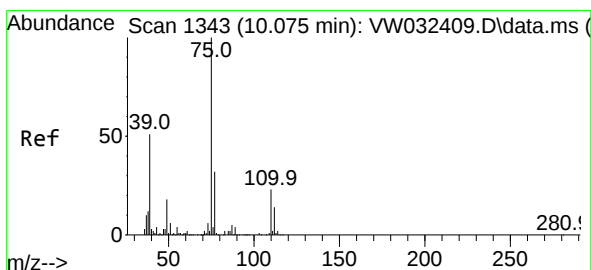
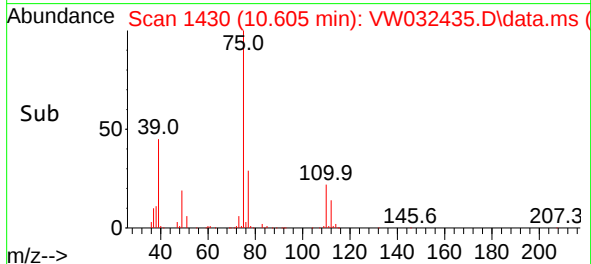
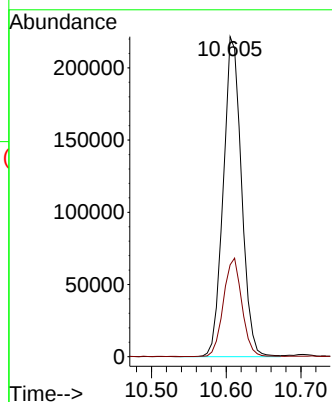
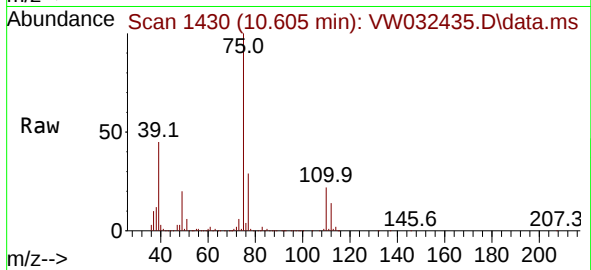




#53
t-1,3-Dichloropropene
Concen: 52.434 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

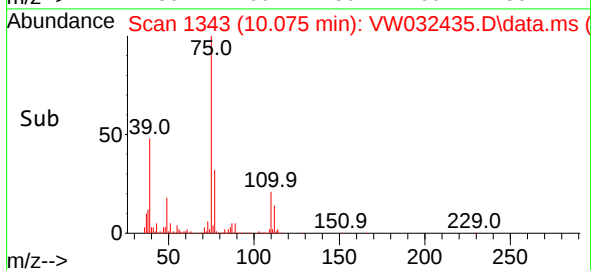
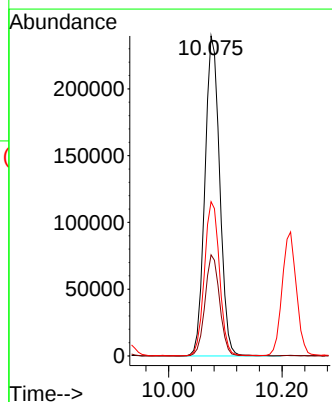
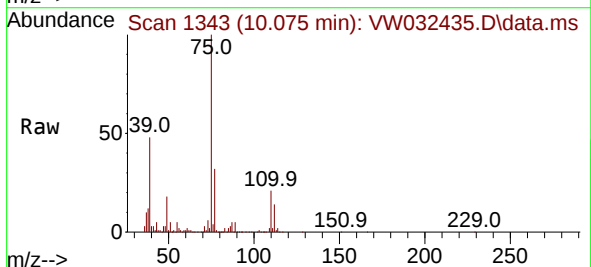
Instrument :
MSVOA_W
ClientSampleId :

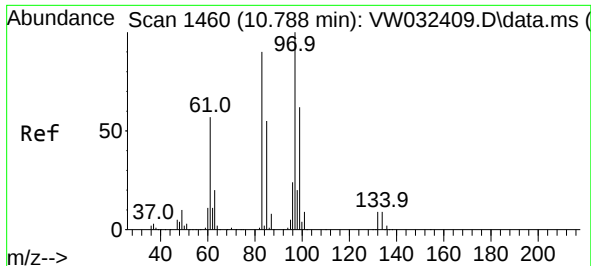
Tgt Ion: 75 Resp: 376083
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.607 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 75 Resp: 436344
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 48.2 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 52.398 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 219460

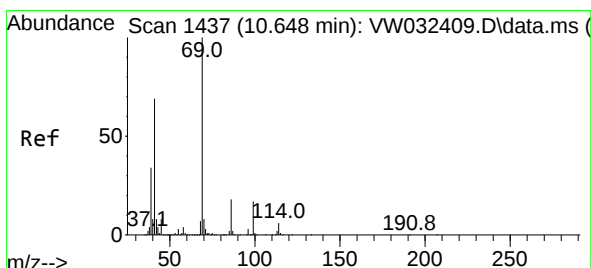
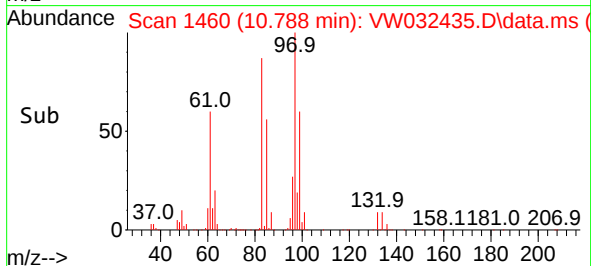
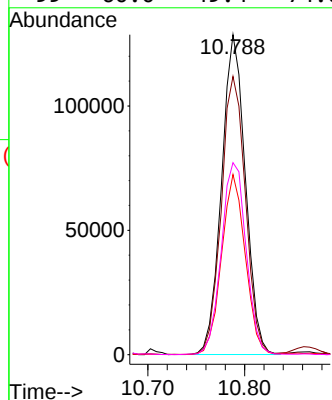
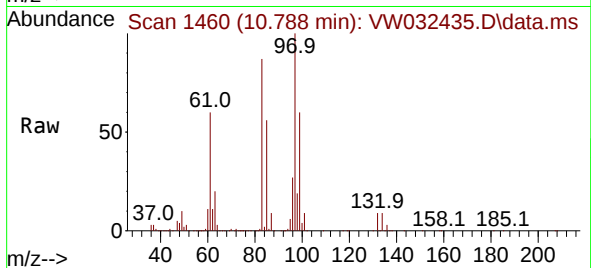
Ion Ratio Lower Upper

97 100

83 87.0 72.2 108.4

85 56.2 43.8 65.8

99 60.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 55.018 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

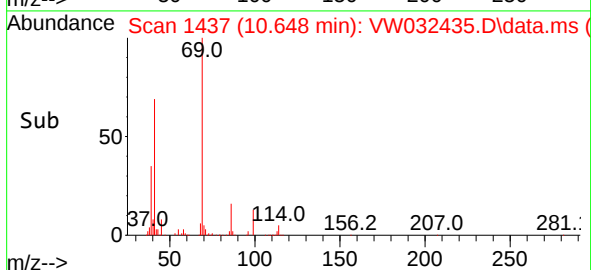
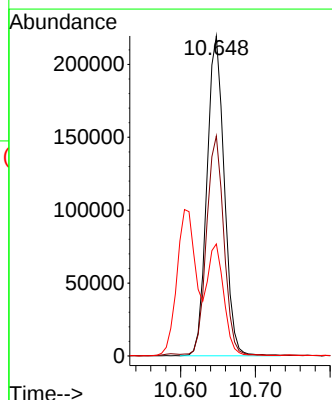
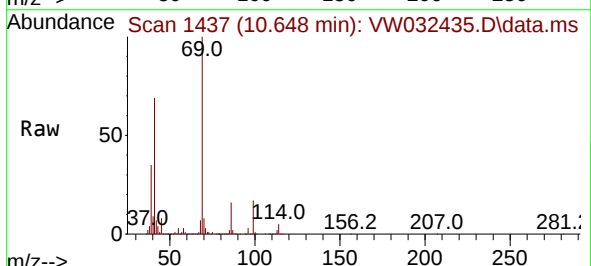
Tgt Ion: 69 Resp: 353566

Ion Ratio Lower Upper

69 100

41 68.6 54.4 81.6

39 32.3 25.4 38.0





#57

1,3-Dichloropropane

Concen: 53.573 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

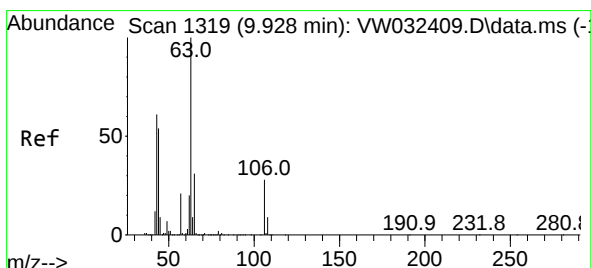
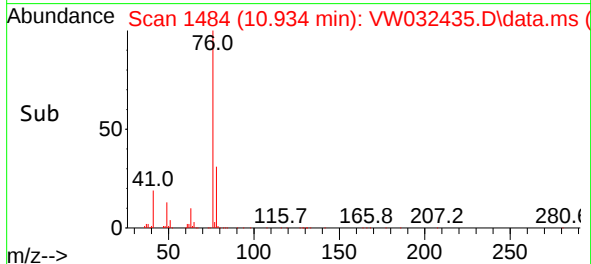
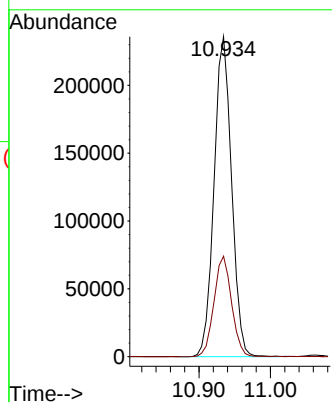
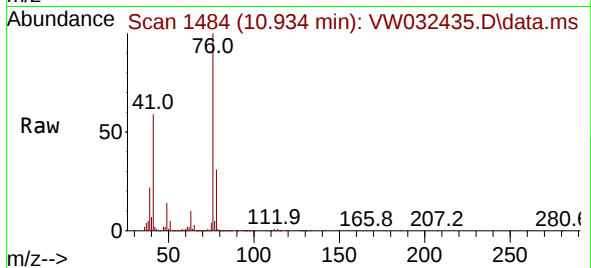
ClientSampleId :

Tgt Ion: 76 Resp: 400751

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.450 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032435.D

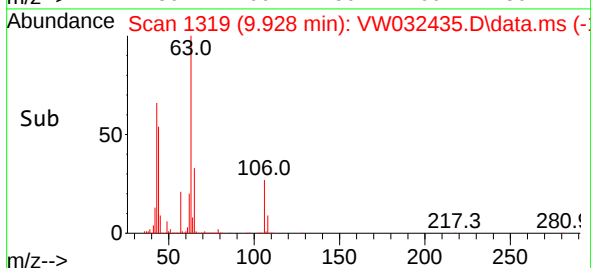
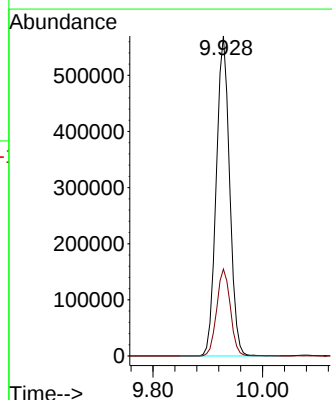
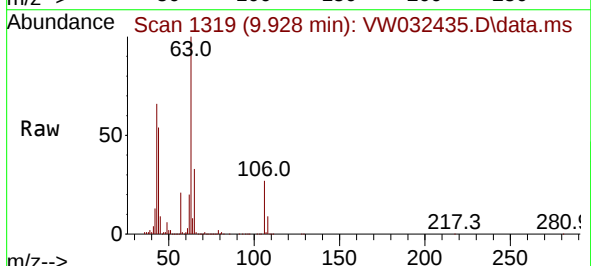
Acq: 11 Nov 2025 16:49

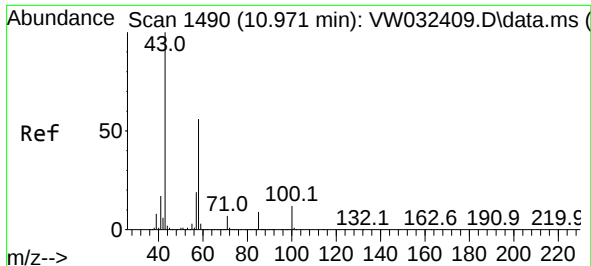
Tgt Ion: 63 Resp: 963210

Ion Ratio Lower Upper

63 100

106 27.6 22.0 33.0

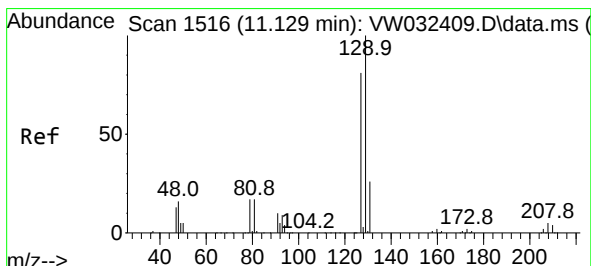
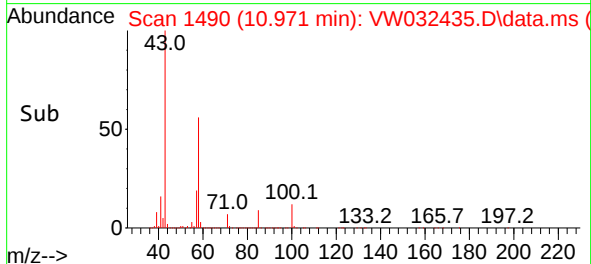
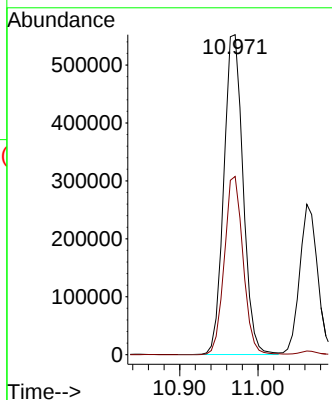
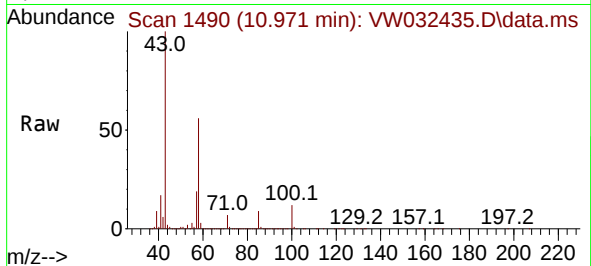




#59
2-Hexanone
Concen: 271.953 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

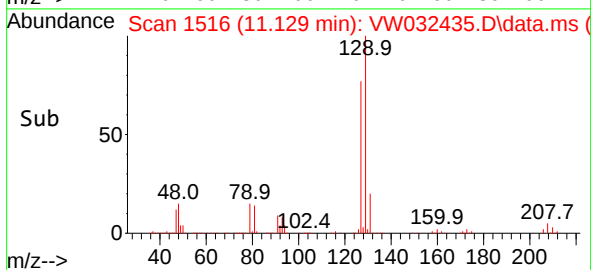
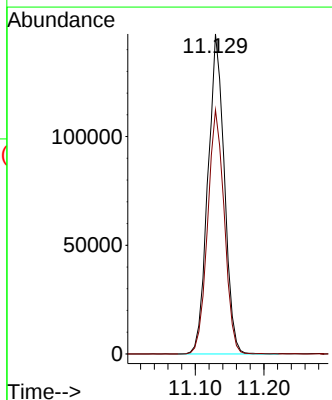
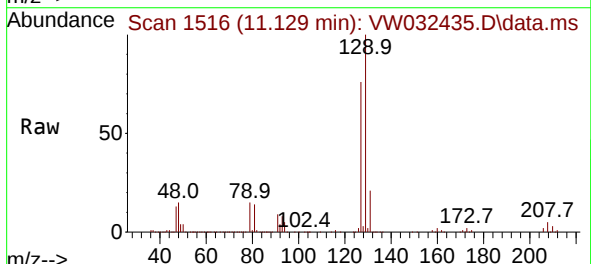
Instrument :
MSVOA_W
ClientSampleId :

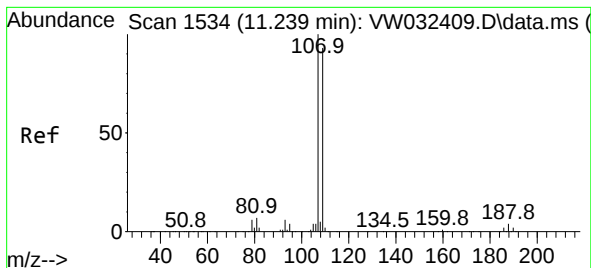
Tgt Ion: 43 Resp: 943629
Ion Ratio Lower Upper
43 100
58 54.3 27.4 82.2



#60
Dibromochloromethane
Concen: 52.400 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 129 Resp: 245086
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

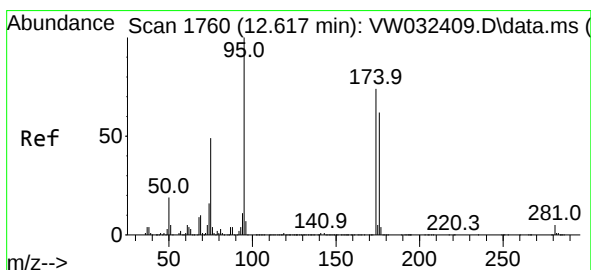
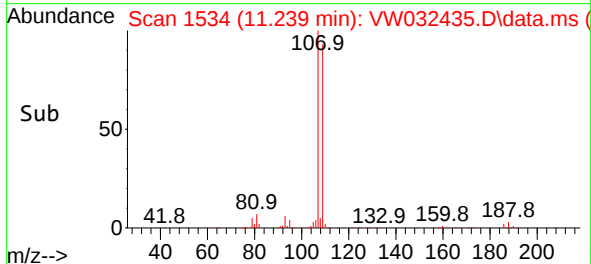
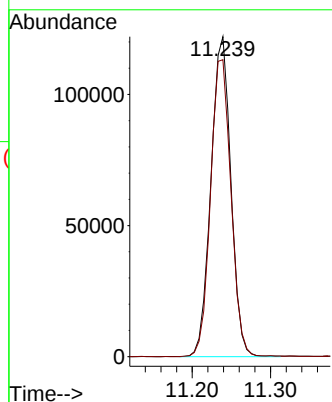
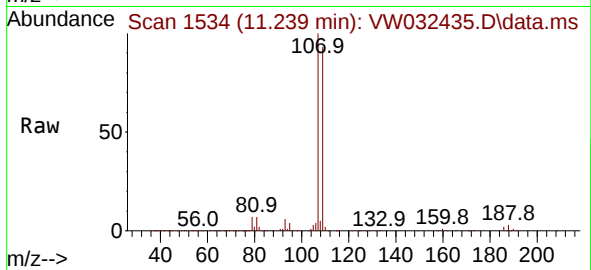




#61
1,2-Dibromoethane
Concen: 52.922 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

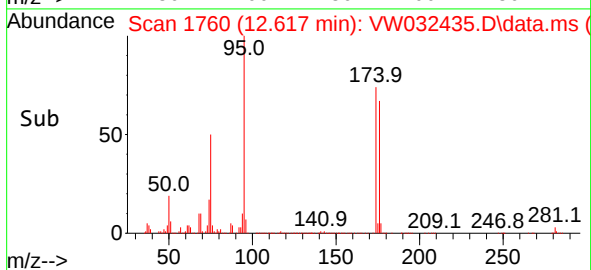
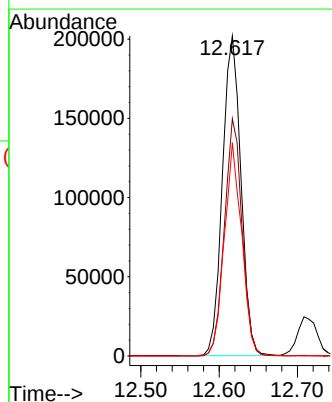
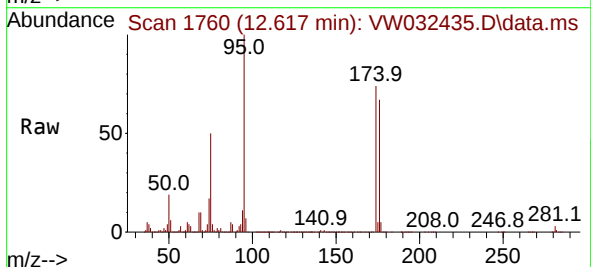
Instrument :
MSVOA_W
ClientSampleId :

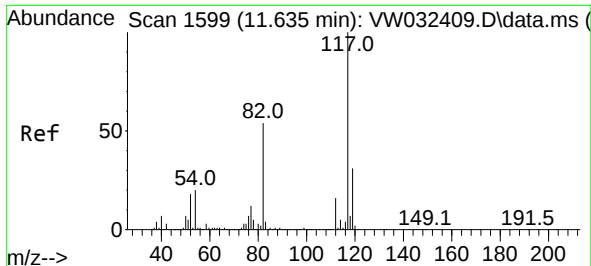
Tgt Ion:107 Resp: 215882
Ion Ratio Lower Upper
107 100
109 95.2 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.710 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 95 Resp: 331385
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.4
176 63.0 0.0 131.8

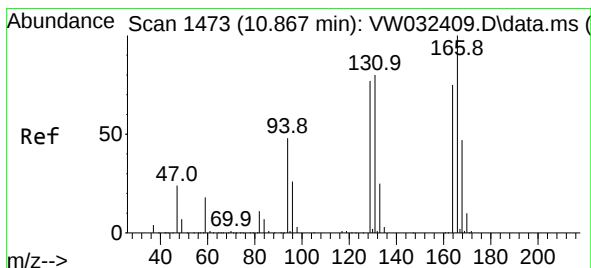
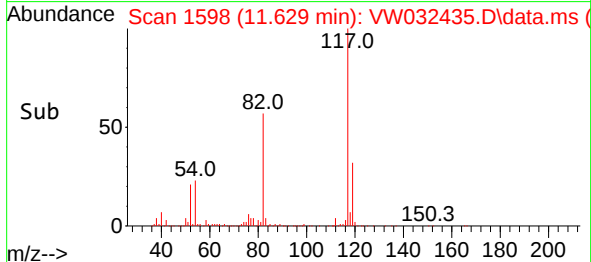
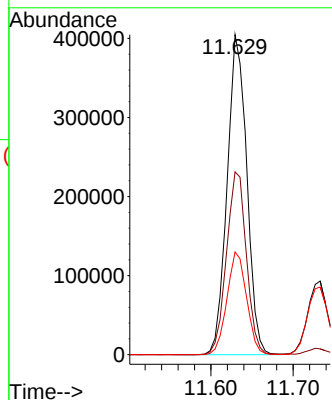
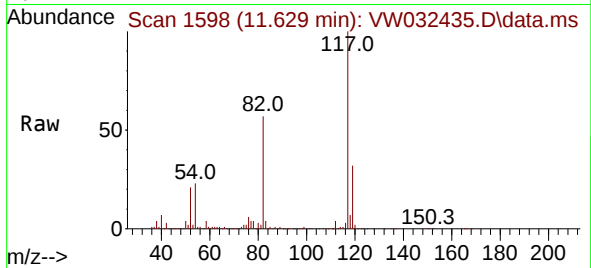




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

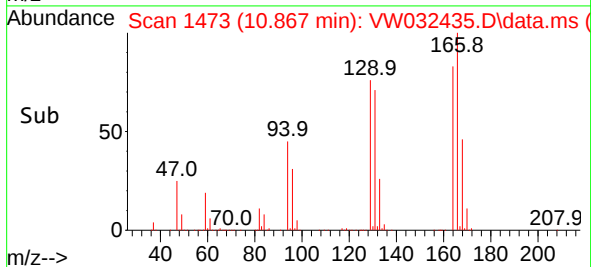
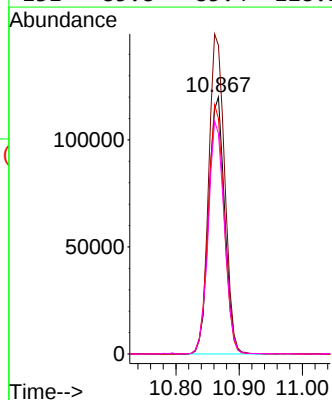
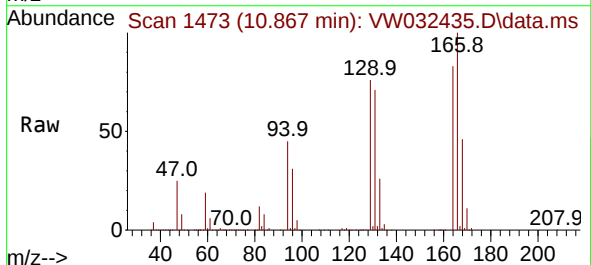
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 671615
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 53.194 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion:164 Resp: 211561
Ion Ratio Lower Upper
164 100
166 120.1 107.0 160.4
129 91.6 82.9 124.3
131 85.8 85.4 128.2





#65

Chlorobenzene

Concen: 49.976 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

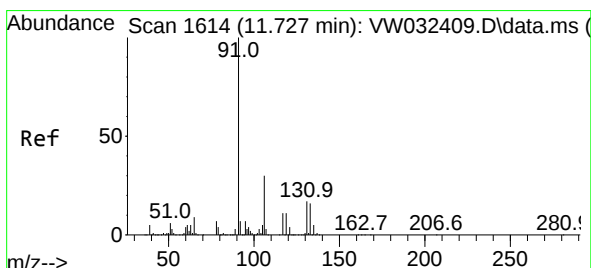
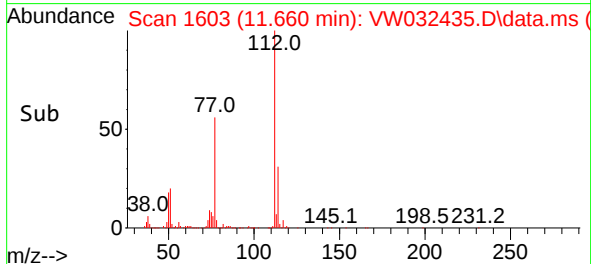
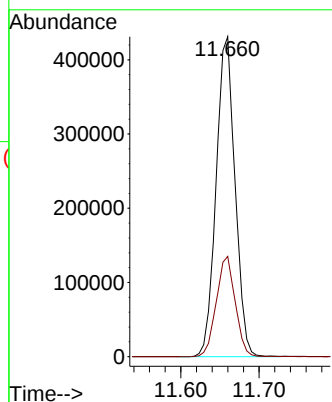
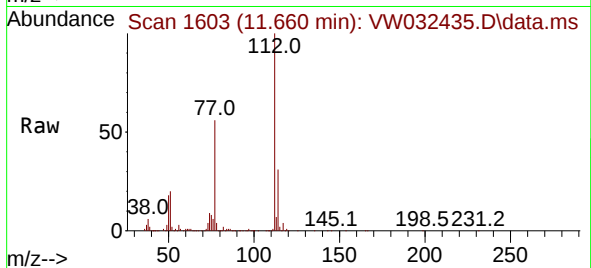
ClientSampleId :

Tgt Ion:112 Resp: 723430

Ion Ratio Lower Upper

112 100

114 31.4 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.198 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

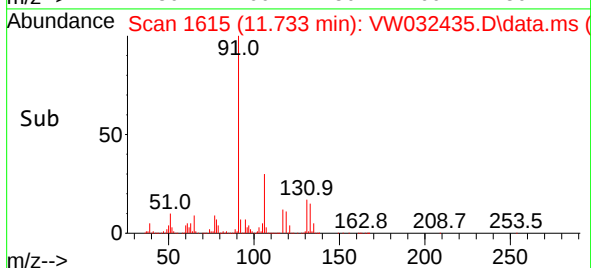
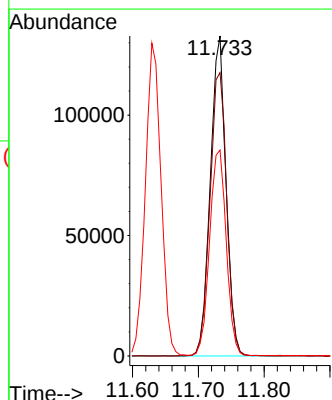
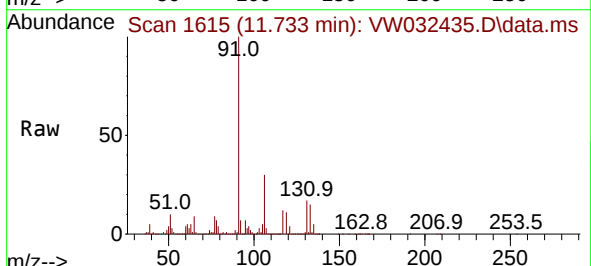
Tgt Ion:131 Resp: 220404

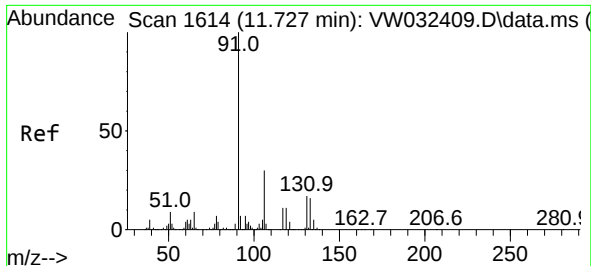
Ion Ratio Lower Upper

131 100

133 94.6 46.9 140.6

119 68.3 33.4 100.2





#67

Ethyl Benzene

Concen: 50.211 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

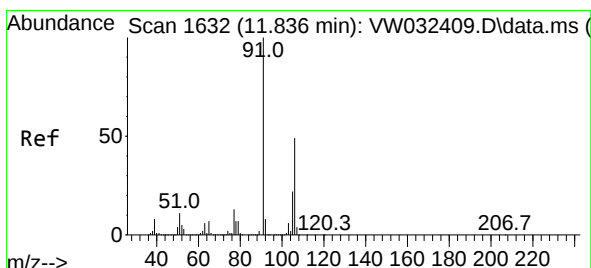
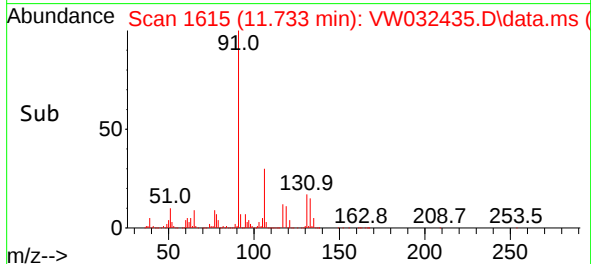
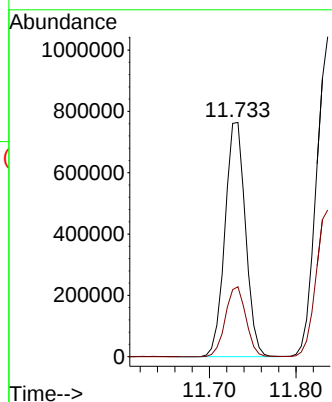
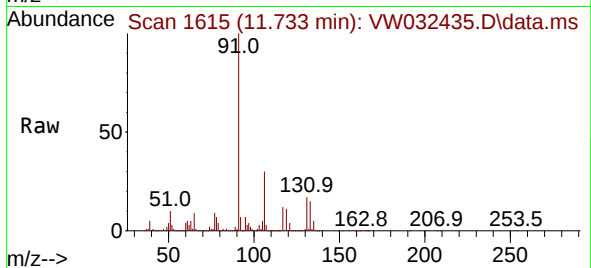
ClientSampleId :

Tgt Ion: 91 Resp: 1257653

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2



#68

m/p-Xylenes

Concen: 99.200 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032435.D

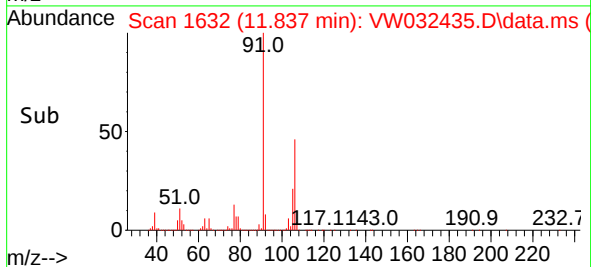
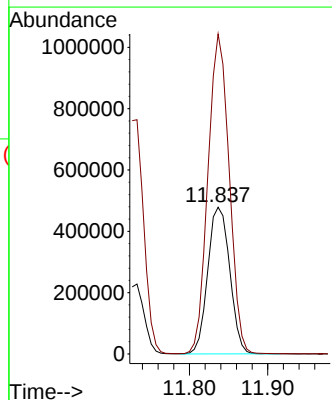
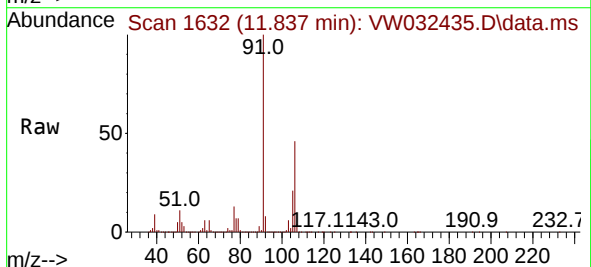
Acq: 11 Nov 2025 16:49

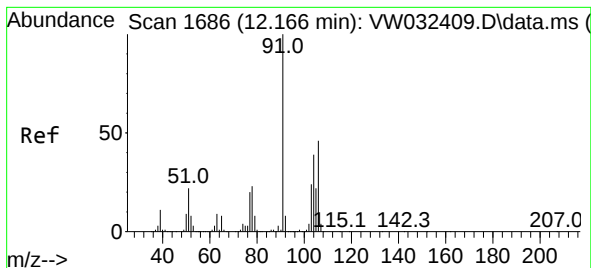
Tgt Ion:106 Resp: 932899

Ion Ratio Lower Upper

106 100

91 211.0 165.5 248.3

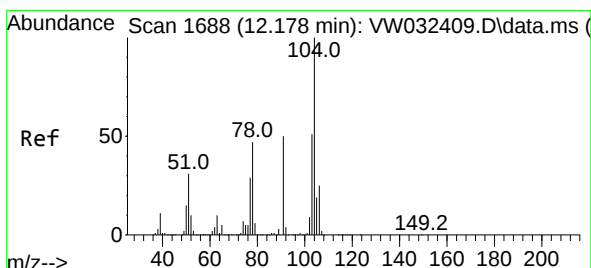
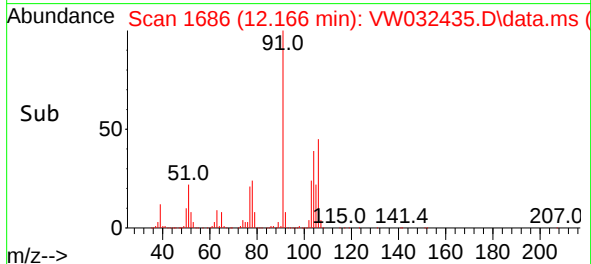
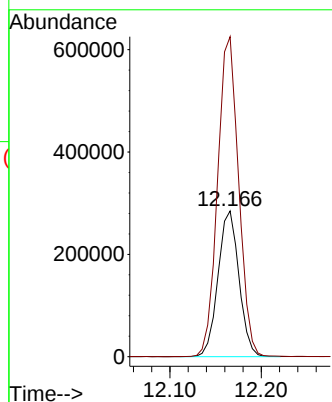
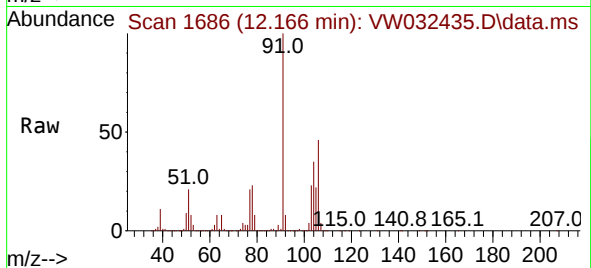




#69
o-Xylene
Concen: 50.425 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

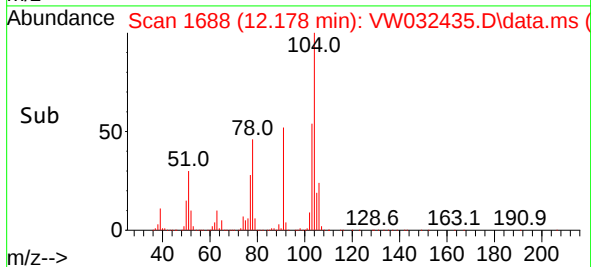
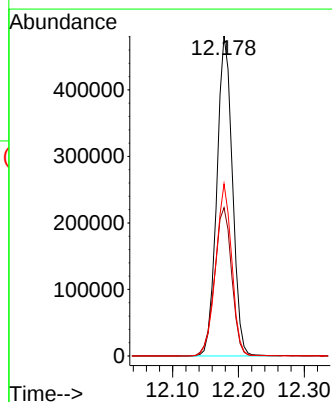
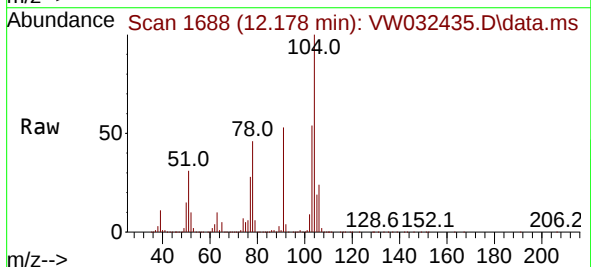
Instrument :
MSVOA_W
ClientSampleId :

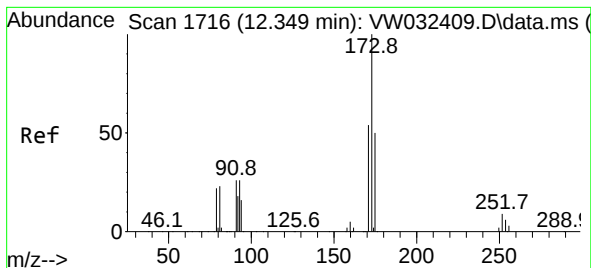
Tgt Ion:106 Resp: 454056
Ion Ratio Lower Upper
106 100
91 220.4 109.3 327.8



#70
Styrene
Concen: 51.281 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion:104 Resp: 794344
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.0 43.9 65.9





#71

Bromoform

Concen: 50.902 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

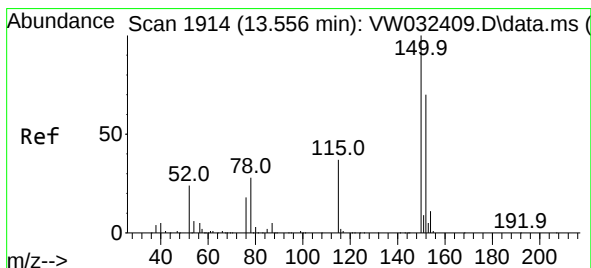
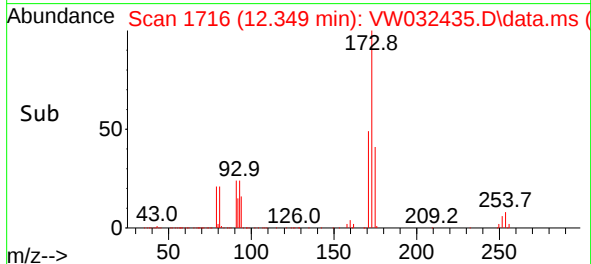
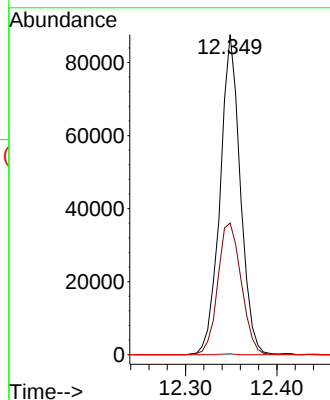
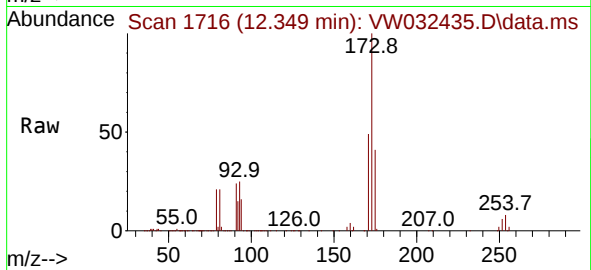
Tgt Ion:173 Resp: 135068

Ion Ratio Lower Upper

173 100

175 47.7 25.1 75.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

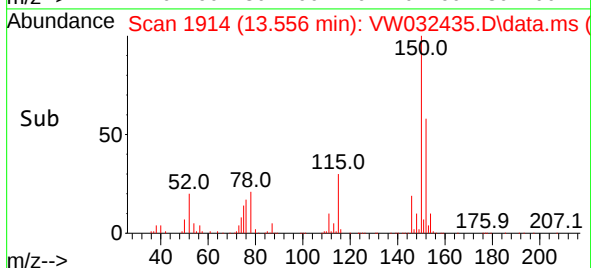
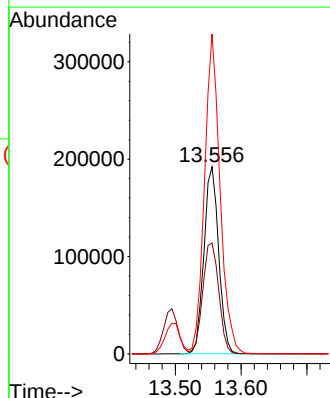
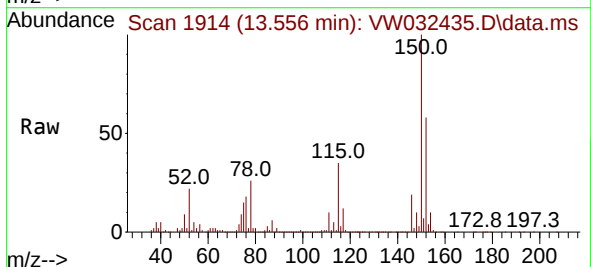
Tgt Ion:152 Resp: 300090

Ion Ratio Lower Upper

152 100

115 64.4 32.8 98.3

150 180.0 0.0 356.6





#73

Isopropylbenzene

Concen: 51.489 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

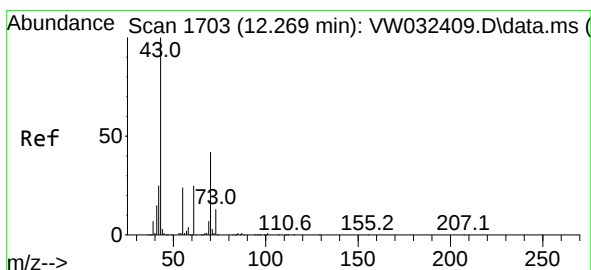
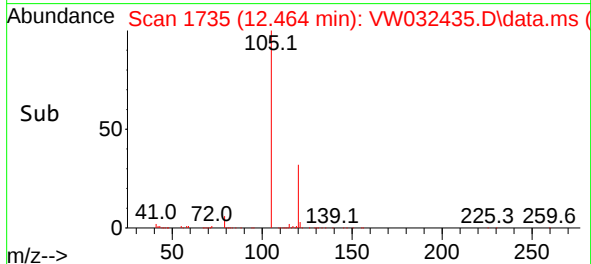
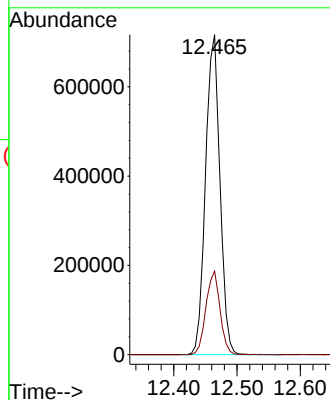
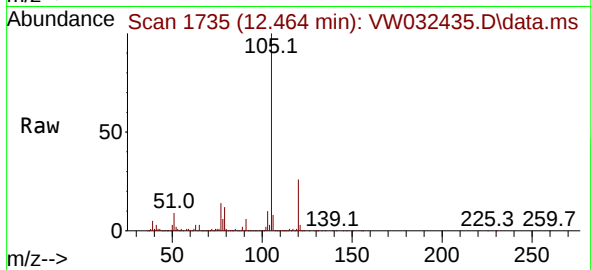
ClientSampleId :

Tgt Ion:105 Resp: 1134795

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#74

N-ethyl acetate

Concen: 56.117 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Tgt Ion: 43 Resp: 429781

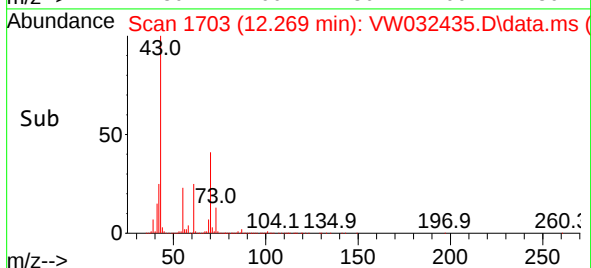
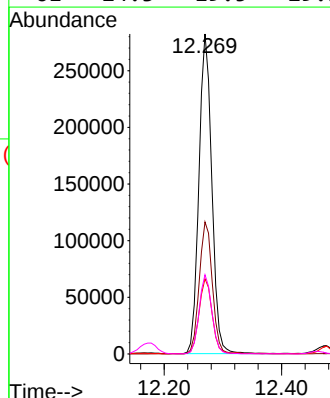
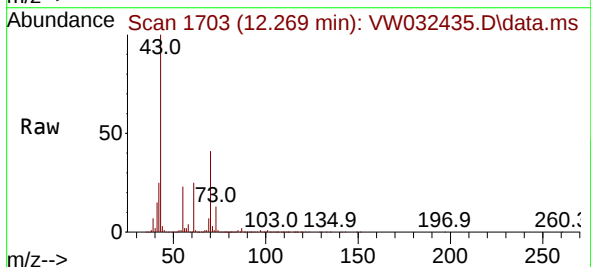
Ion Ratio Lower Upper

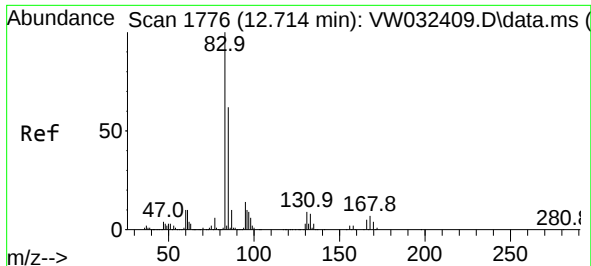
43 100

70 42.1 33.5 50.3

55 23.7 19.3 28.9

61 24.3 19.5 29.3

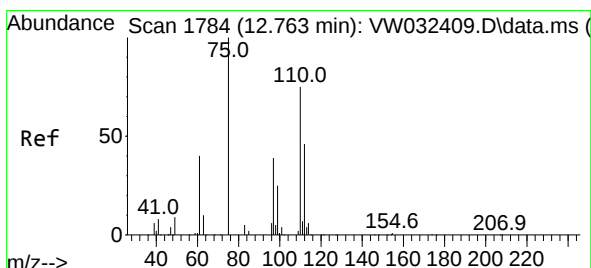
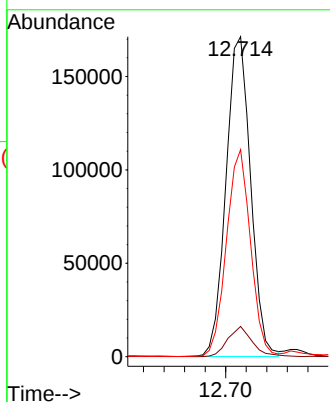
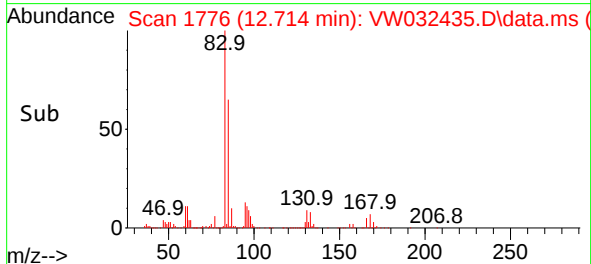
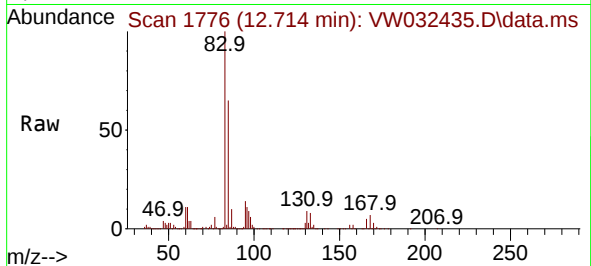




#75
1,1,2,2-Tetrachloroethane
Concen: 54.642 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

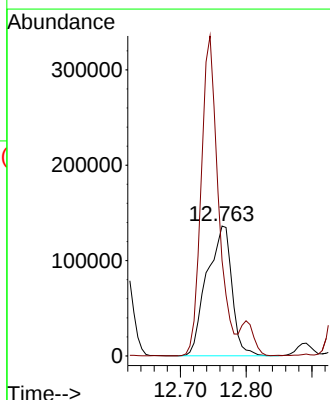
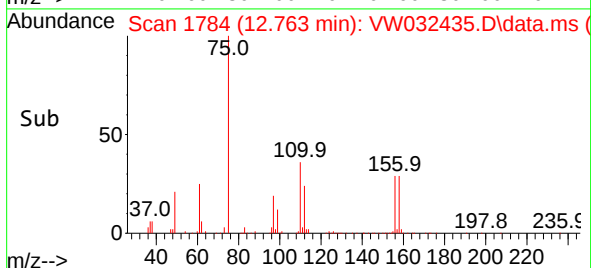
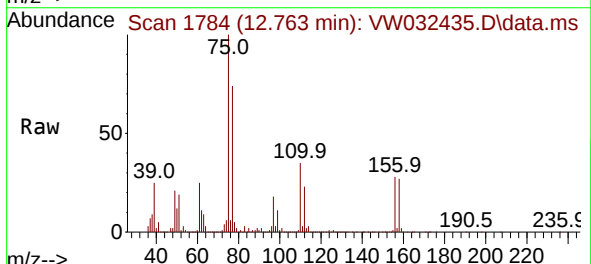
Instrument :
MSVOA_W
ClientSampleId :

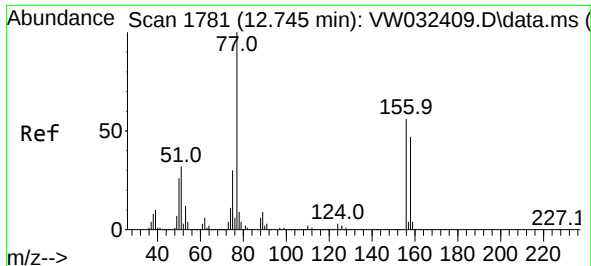
Tgt Ion: 83 Resp: 285808
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 87.627 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 75 Resp: 360560
Ion Ratio Lower Upper
75 100
77 168.4 151.6 454.8

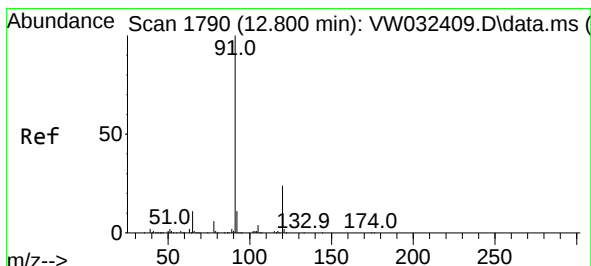
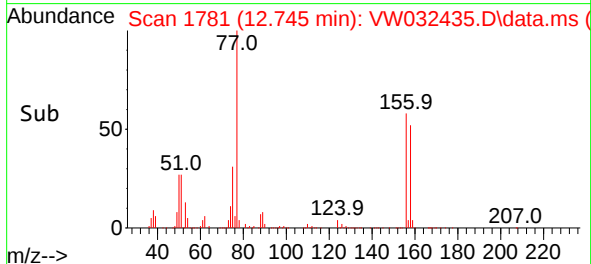
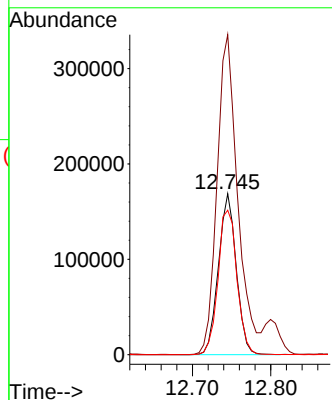
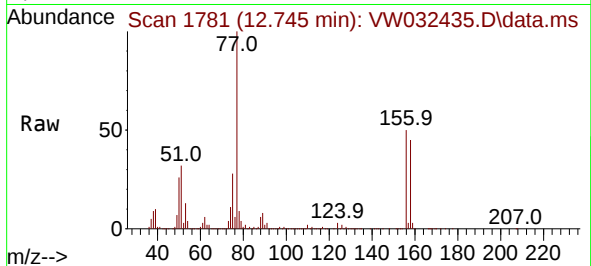




#77
Bromobenzene
Concen: 51.375 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

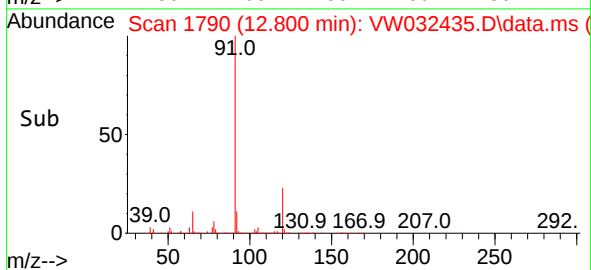
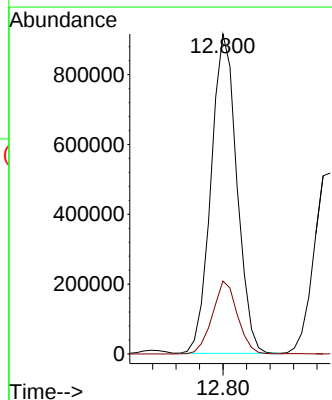
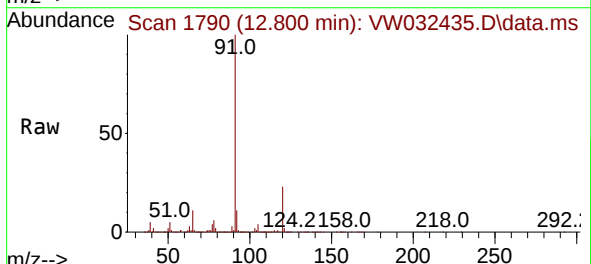
Instrument :
MSVOA_W
ClientSampleId :

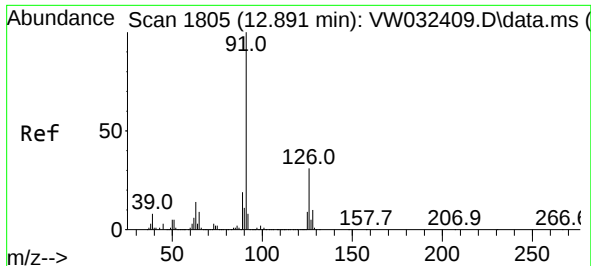
Tgt Ion:156 Resp: 268089
Ion Ratio Lower Upper
156 100
77 226.5 108.0 324.0
158 95.2 45.1 135.5



#78
n-propylbenzene
Concen: 52.050 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 91 Resp: 1397030
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

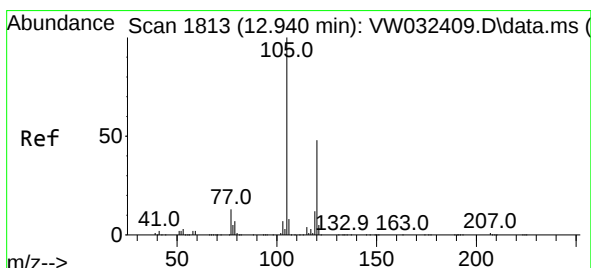
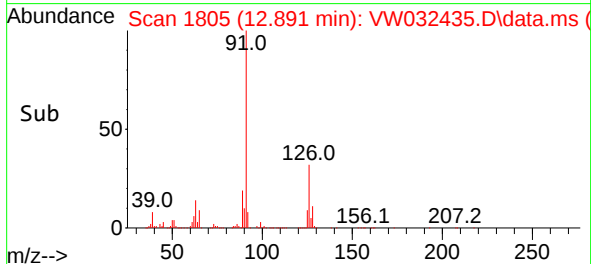
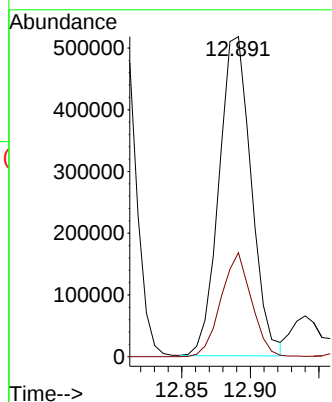
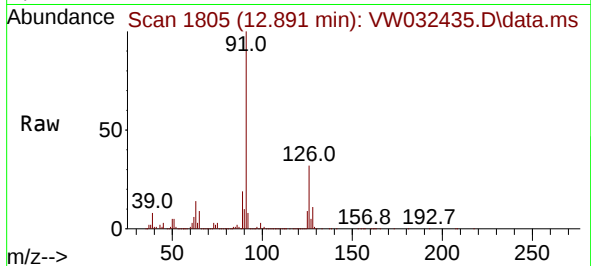




#79
2-Chlorotoluene
Concen: 51.782 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

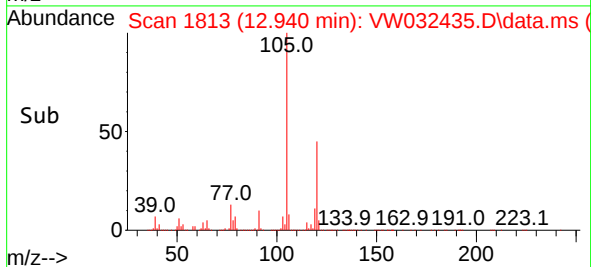
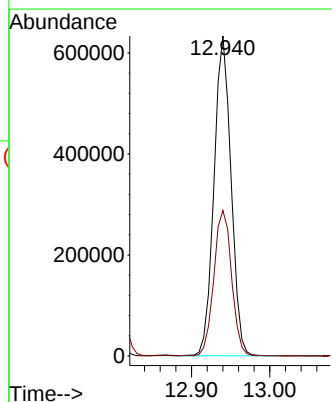
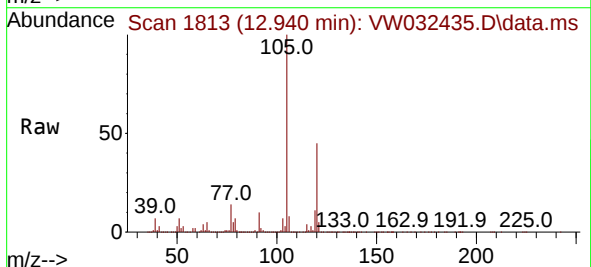
Instrument :
MSVOA_W
ClientSampleId :

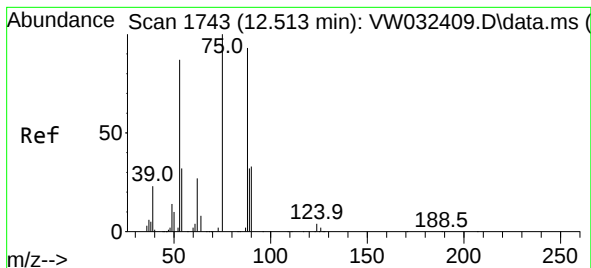
Tgt Ion: 91 Resp: 848425
Ion Ratio Lower Upper
91 100
126 30.6 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 52.686 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 105 Resp: 957978
Ion Ratio Lower Upper
105 100
120 47.4 24.2 72.6

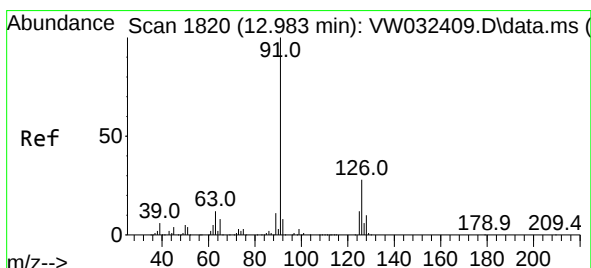
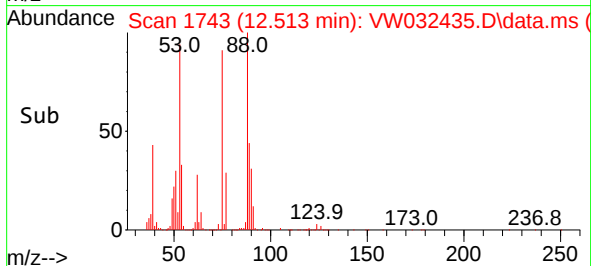
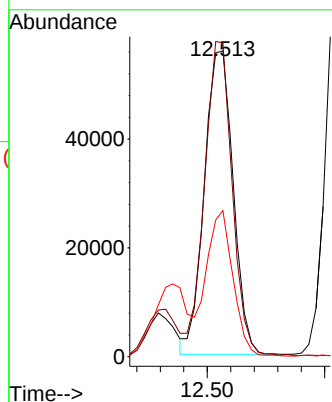
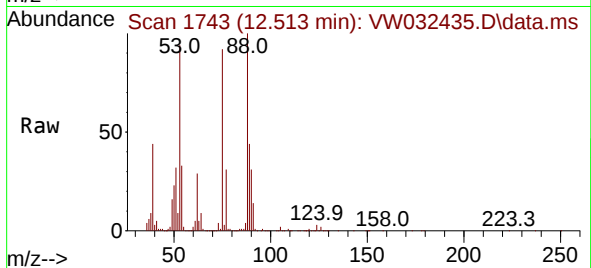




#81
trans-1,4-Dichloro-2-butene
Concen: 52.970 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

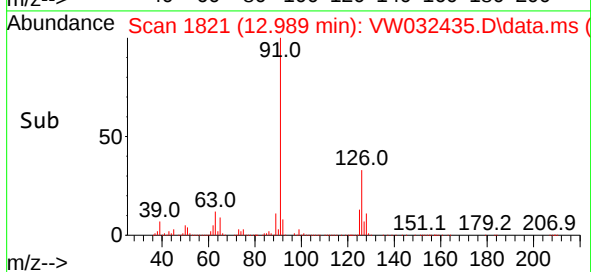
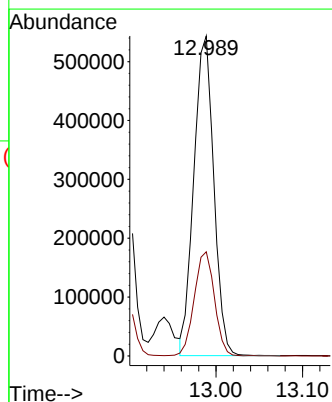
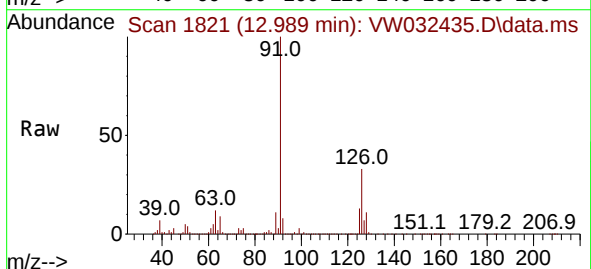
Instrument :
MSVOA_W
ClientSampleId :

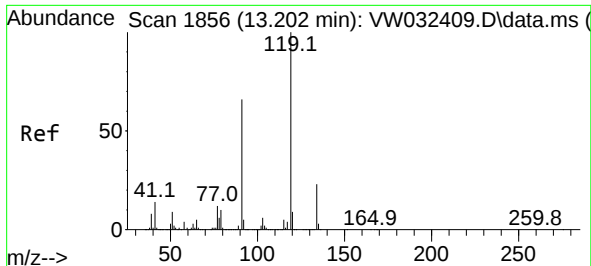
Tgt Ion: 75 Resp: 95159
Ion Ratio Lower Upper
75 100
53 98.4 77.8 116.8
89 43.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 50.892 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 91 Resp: 867281
Ion Ratio Lower Upper
91 100
126 33.1 15.5 46.5

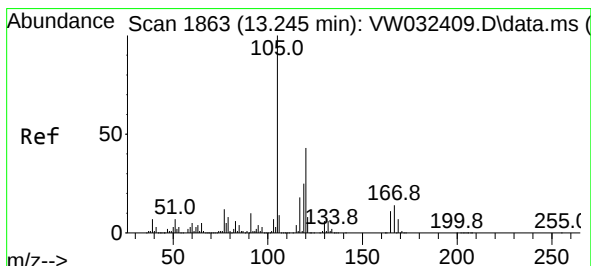
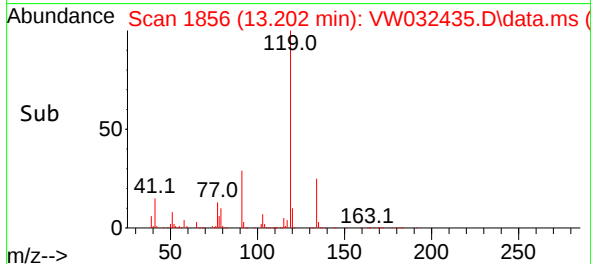
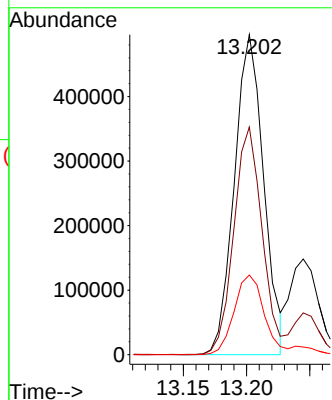
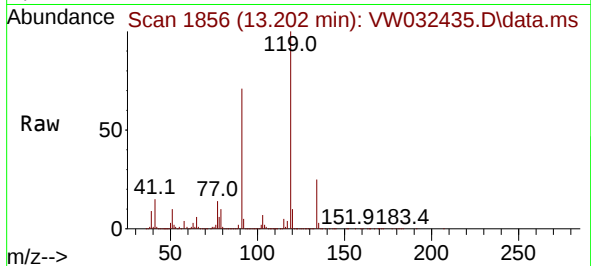




#83
tert-Butylbenzene
Concen: 50.546 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

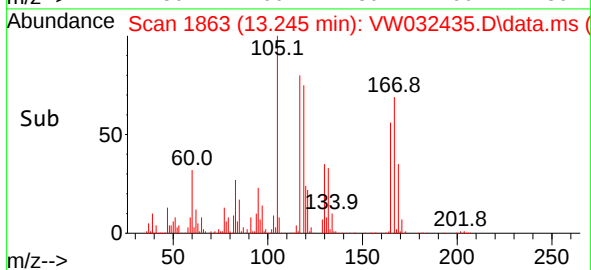
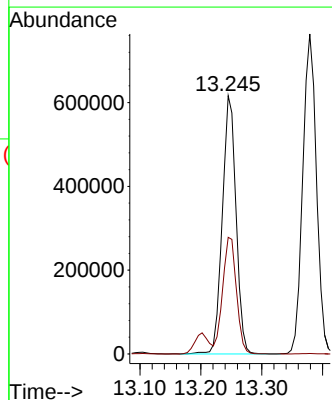
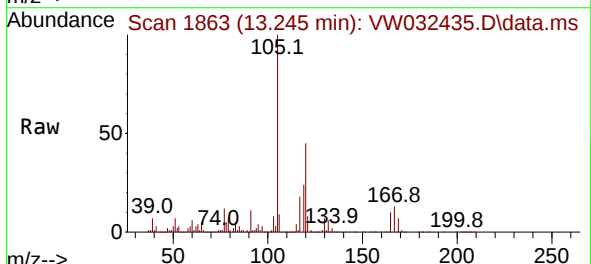
Instrument :
MSVOA_W
ClientSampleId :

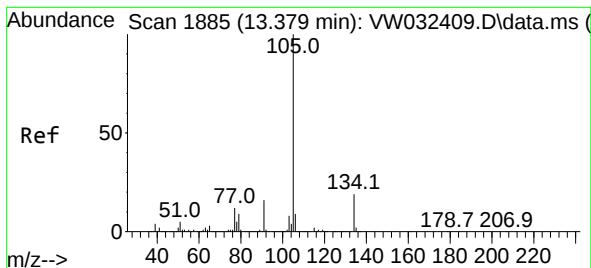
Tgt Ion:119 Resp: 799491
Ion Ratio Lower Upper
119 100
91 68.4 33.3 99.9
134 25.5 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 51.975 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion:105 Resp: 961216
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 50.502 ug/l

RT: 13.379 min Scan# 1189643

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

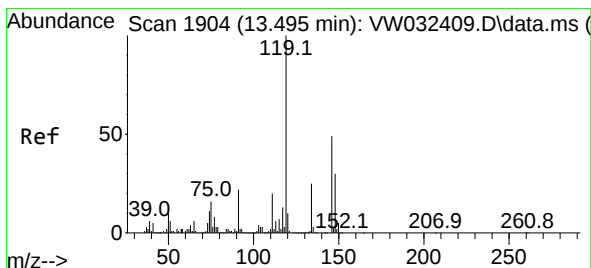
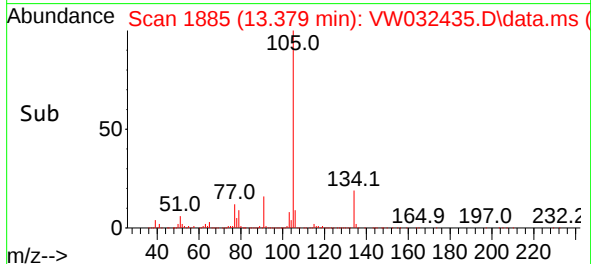
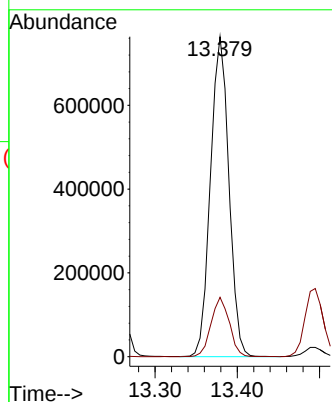
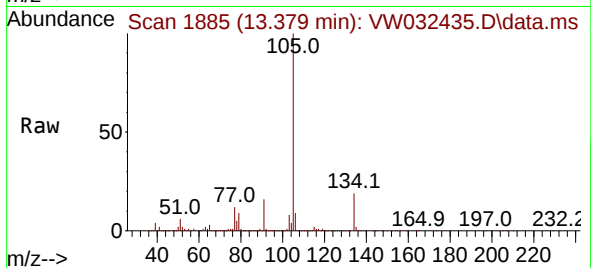
ClientSampleId :

Tgt Ion:105 Resp: 1189643

Ion Ratio Lower Upper

105 100

134 18.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.197 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

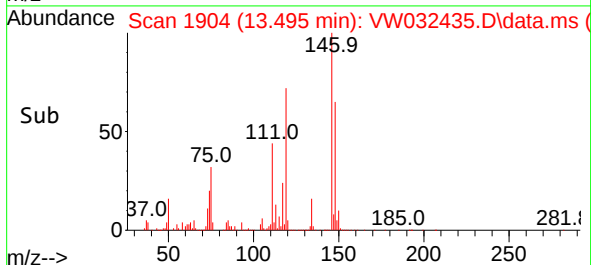
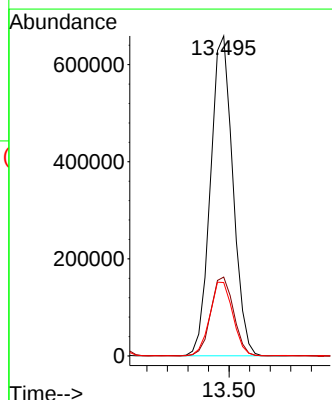
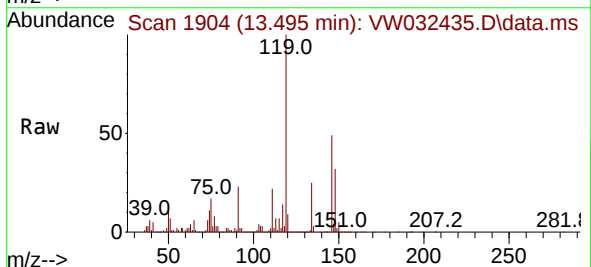
Tgt Ion:119 Resp: 995761

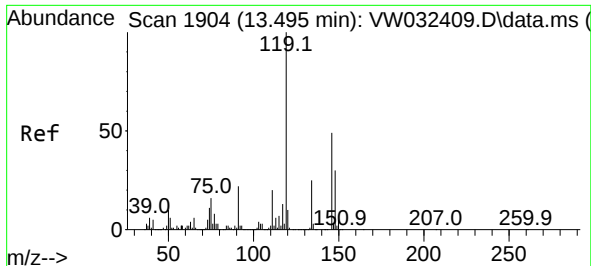
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.025 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

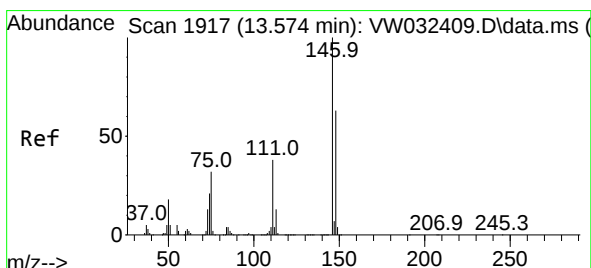
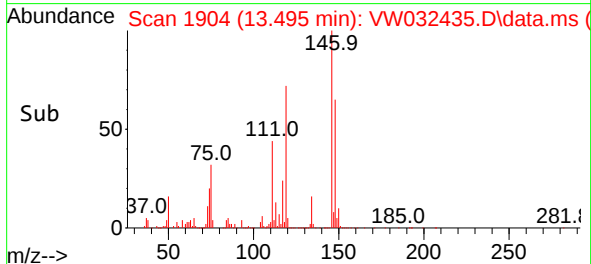
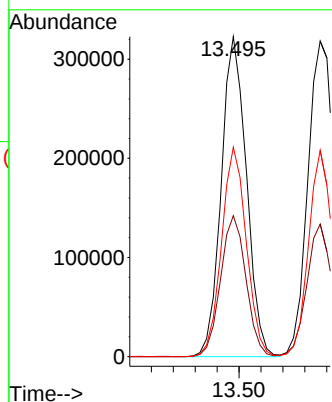
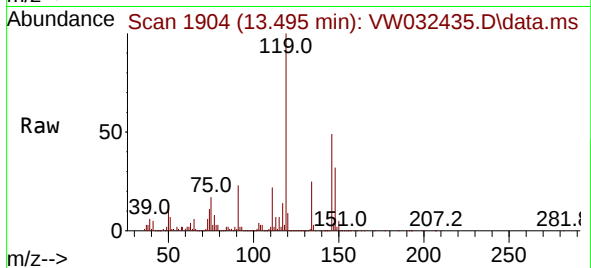
Tgt Ion:146 Resp: 514718

Ion Ratio Lower Upper

146 100

111 44.2 22.2 66.6

148 64.6 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 52.591 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

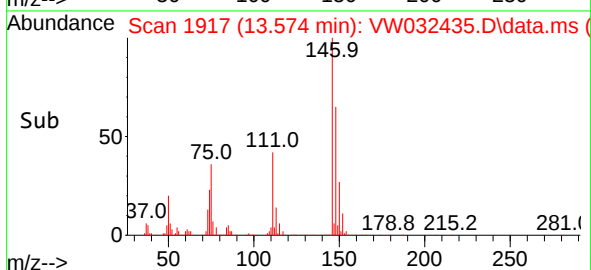
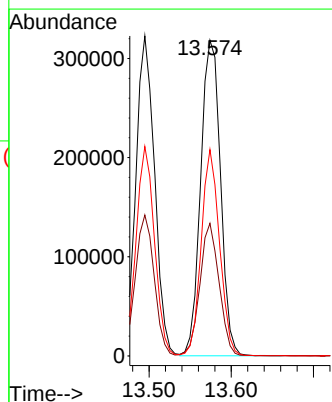
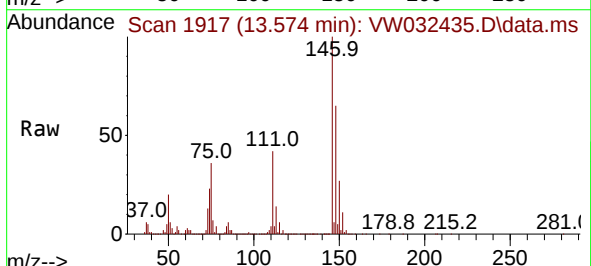
Tgt Ion:146 Resp: 533060

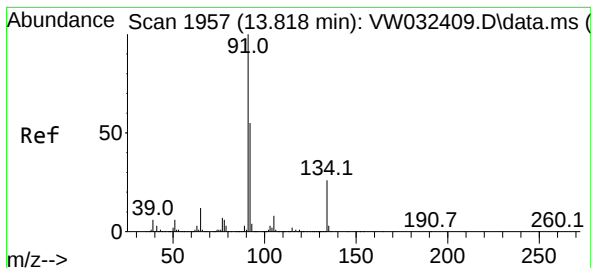
Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 60.6 31.2 93.6





#89

n-Butylbenzene

Concen: 52.074 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

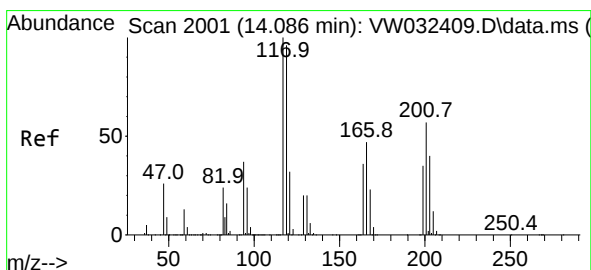
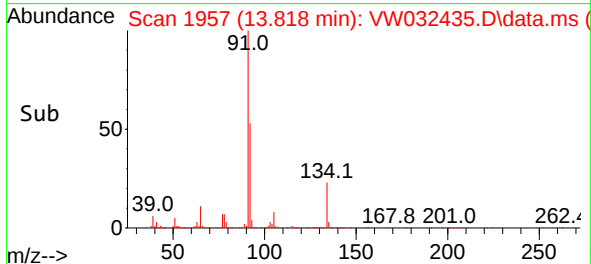
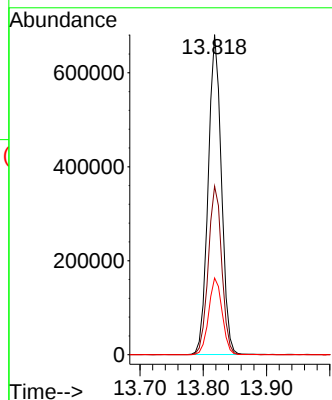
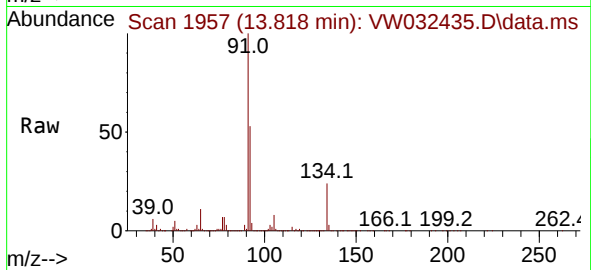
Tgt Ion: 91 Resp: 989497

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.2

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 48.484 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032435.D

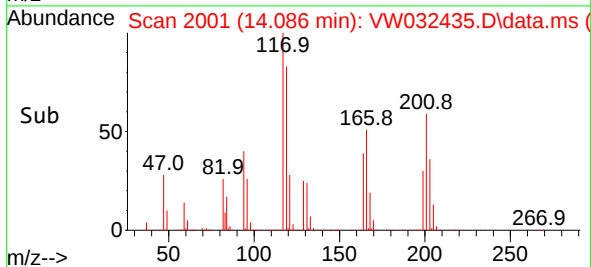
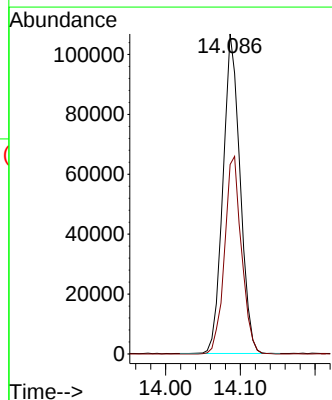
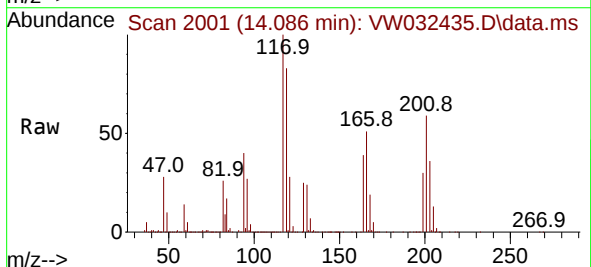
Acq: 11 Nov 2025 16:49

Tgt Ion: 117 Resp: 170021

Ion Ratio Lower Upper

117 100

201 61.4 32.0 96.0

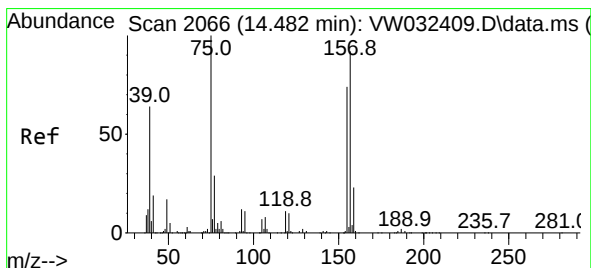
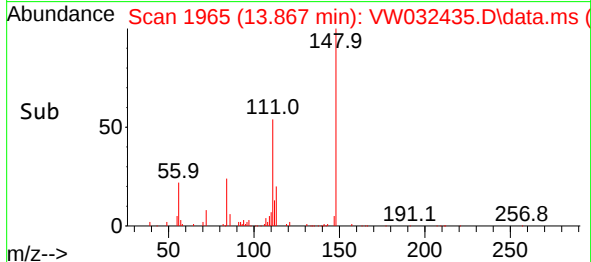
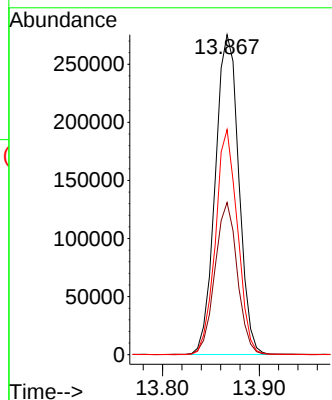
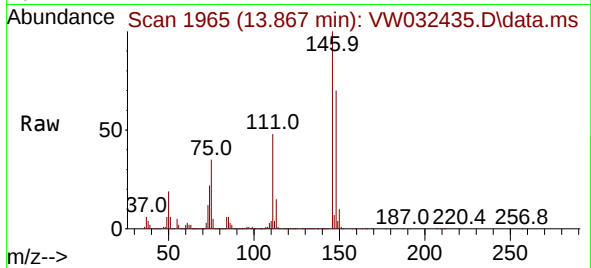




#91
1,2-Dichlorobenzene
Concen: 51.165 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

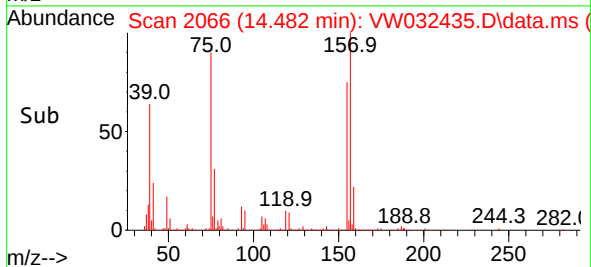
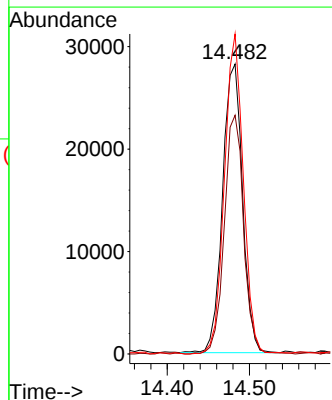
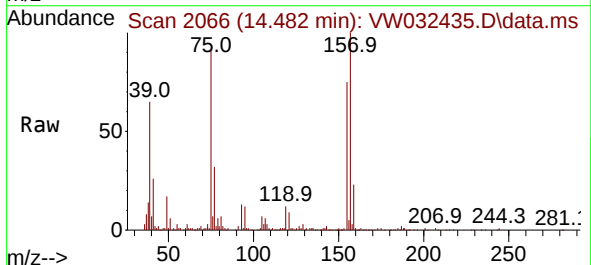
Instrument :
MSVOA_W
ClientSampleId :

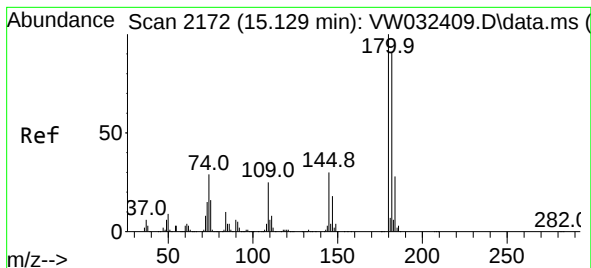
Tgt Ion:146 Resp: 464695
Ion Ratio Lower Upper
146 100
111 45.3 23.4 70.2
148 66.0 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.760 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032435.D
Acq: 11 Nov 2025 16:49

Tgt Ion: 75 Resp: 47540
Ion Ratio Lower Upper
75 100
155 80.3 36.2 108.6
157 105.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.577 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

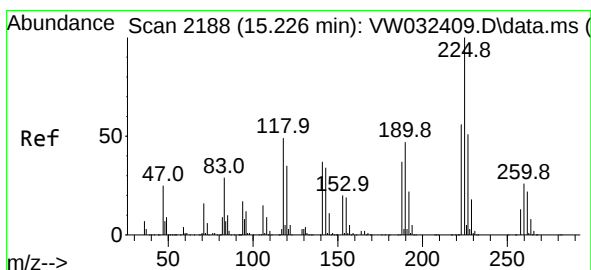
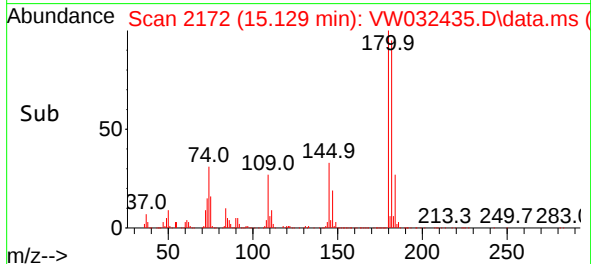
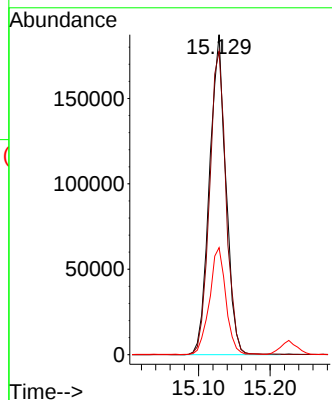
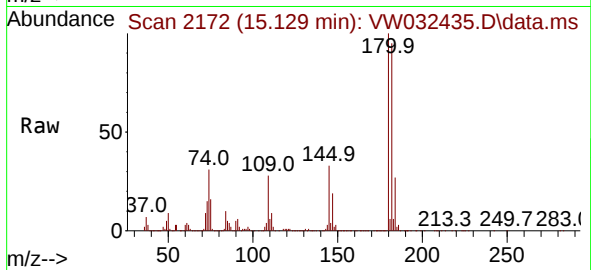
Tgt Ion:180 Resp: 298095

Ion Ratio Lower Upper

180 100

182 95.7 45.3 135.9

145 33.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 48.440 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

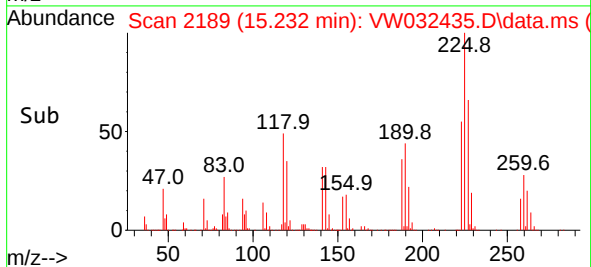
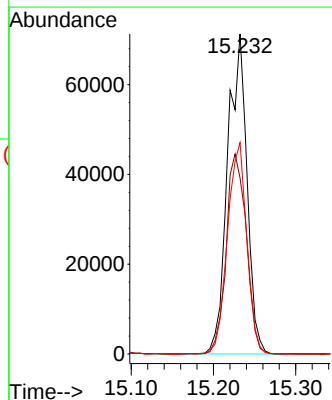
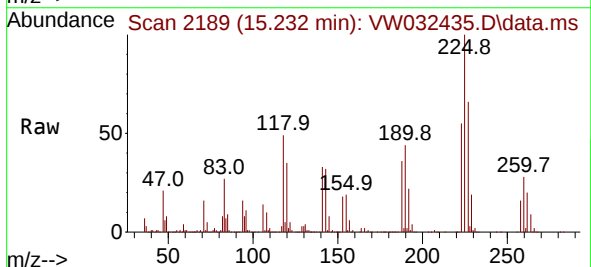
Tgt Ion:225 Resp: 116296

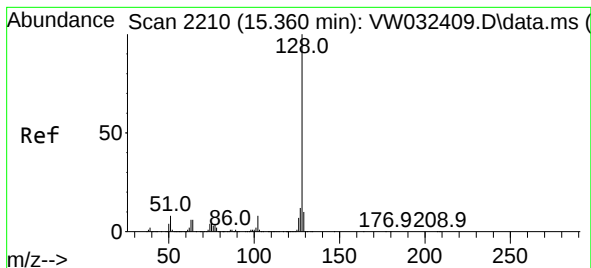
Ion Ratio Lower Upper

225 100

223 65.1 30.6 91.8

227 66.3 29.8 89.4





#95

Naphthalene

Concen: 55.718 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Instrument :

MSVOA_W

ClientSampleId :

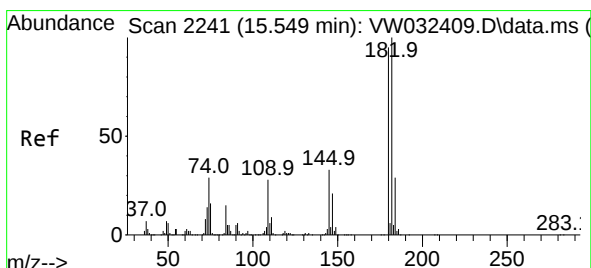
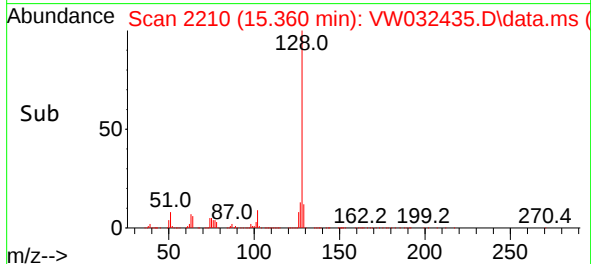
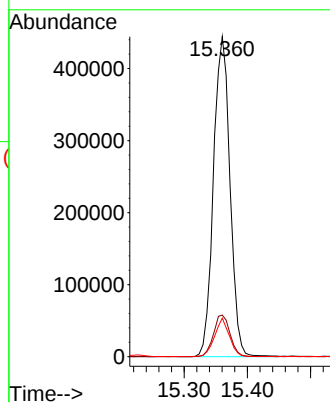
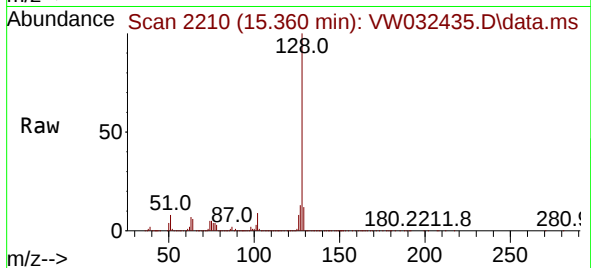
Tgt Ion:128 Resp: 803044

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.998 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032435.D

Acq: 11 Nov 2025 16:49

Tgt Ion:180 Resp: 283338

Ion Ratio Lower Upper

180 100

182 90.6 50.3 151.0

145 35.0 17.8 53.3

