

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032422.D
 Acq On : 11 Nov 2025 12:06
 Operator : SY/MD
 Sample : Q3530-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 03:46:19 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	395672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	784281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	676768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	330211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	277737	54.446	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.900%	
35) Dibromofluoromethane	7.904	113	230086	49.000	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.000%	
50) Toluene-d8	10.330	98	909369	50.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.617	95	332276	48.828	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.051	85	3697	1.842	ug/l #	66
3) Chloromethane	2.253	50	10502	3.052	ug/l	97
4) Vinyl Chloride	2.405	62	11884	2.737	ug/l	100
5) Bromomethane	2.826	94	9021	3.105	ug/l	83
6) Chloroethane	2.972	64	7869	2.770	ug/l	91
7) Trichlorofluoromethane	3.307	101	7870	2.311	ug/l	91
8) Diethyl Ether	3.722	74	8235	2.958	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.106	101	10715	2.889	ug/l #	67
10) Methyl Iodide	4.313	142	15874	2.657	ug/l	99
11) Tert butyl alcohol	5.209	59	7376	16.722	ug/l #	83
12) 1,1-Dichloroethene	4.088	96	11801	2.775	ug/l	86
13) Acrolein	3.935	56	8144	11.004	ug/l	99
14) Allyl chloride	4.709	41	21327	2.608	ug/l	95
15) Acrylonitrile	5.411	53	20170	12.532	ug/l	96
16) Acetone	4.167	43	23776	15.579	ug/l	91
17) Carbon Disulfide	4.423	76	31636	2.517	ug/l	99
18) Methyl Acetate	4.709	43	11089	2.934	ug/l	93
19) Methyl tert-butyl Ether	5.465	73	23876	2.663	ug/l	97
20) Methylene Chloride	4.953	84	19189	3.516	ug/l #	89
21) trans-1,2-Dichloroethene	5.465	96	13498	2.776	ug/l	95
22) Diisopropyl ether	6.343	45	41390	2.486	ug/l	97
23) Vinyl Acetate	6.288	43	127776	11.200	ug/l	99
24) 1,1-Dichloroethane	6.252	63	23203	2.543	ug/l	97
25) 2-Butanone	7.203	43	28622	12.730	ug/l	99
26) 2,2-Dichloropropane	7.185	77	15889	3.125	ug/l	94
27) cis-1,2-Dichloroethene	7.191	96	15363	2.644	ug/l	93
28) Bromochloromethane	7.532	49	12132	2.814	ug/l	97
29) Tetrahydrofuran	7.556	42	17652	12.369	ug/l	99
30) Chloroform	7.697	83	24920	2.790	ug/l	100
31) Cyclohexane	7.971	56	28476	3.374	ug/l #	72
32) 1,1,1-Trichloroethane	7.898	97	17888	2.804	ug/l	92
36) 1,1-Dichloropropene	8.099	75	16863	2.437	ug/l	96
37) Ethyl Acetate	7.276	43	13967	2.715	ug/l #	95
38) Carbon Tetrachloride	8.081	117	15348	2.497	ug/l	95
39) Methylcyclohexane	9.343	83	20372	2.273	ug/l	87
40) Benzene	8.337	78	56044	2.515	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	6115	2.164	ug/l	# 93
42) 1,2-Dichloroethane	8.416	62	16543	2.528	ug/l	100
43) Isopropyl Acetate	8.440	43	19973	2.193	ug/l	92
44) Trichloroethene	9.099	130	13269	2.559	ug/l	96
45) 1,2-Dichloropropane	9.379	63	14179	2.556	ug/l	93
46) Dibromomethane	9.465	93	8063	2.487	ug/l	97
47) Bromodichloromethane	9.654	83	17501	2.367	ug/l	92
48) Methyl methacrylate	9.440	41	8608	1.989	ug/l	# 86
49) 1,4-Dioxane	9.471	88	2489	54.804	ug/l	# 72
51) 4-Methyl-2-Pentanone	10.215	43	55497	11.020	ug/l	99
52) Toluene	10.391	92	34992	2.543	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	17465	2.293	ug/l	95
54) cis-1,3-Dichloropropene	10.080	75	20473	2.324	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	11863	2.667	ug/l	90
56) Ethyl methacrylate	10.647	69	13548	1.985	ug/l	95
57) 1,3-Dichloropropane	10.934	76	18720	2.357	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.928	63	35038	9.642	ug/l	98
59) 2-Hexanone	10.971	43	38146	10.353	ug/l	95
60) Dibromochloromethane	11.129	129	11054	2.226	ug/l	94
61) 1,2-Dibromoethane	11.239	107	10521	2.429	ug/l	91
64) Tetrachloroethene	10.861	164	10625	2.651	ug/l	91
65) Chlorobenzene	11.659	112	38626	2.648	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	11150	2.470	ug/l	97
67) Ethyl Benzene	11.733	91	62102	2.461	ug/l	99
68) m/p-Xylenes	11.836	106	46239	4.879	ug/l	98
69) o-Xylene	12.165	106	20761	2.288	ug/l	96
70) Styrene	12.184	104	35477	2.273	ug/l	98
71) Bromoform	12.342	173	6663	2.492	ug/l	# 94
73) Isopropylbenzene	12.464	105	51503	2.124	ug/l	99
74) N-amyl acetate	12.275	43	15984	1.897	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	15024	2.610	ug/l	95
76) 1,2,3-Trichloropropane	12.769	75	16591	3.664	ug/l	# 1
77) Bromobenzene	12.745	156	13431	2.339	ug/l	91
78) n-propylbenzene	12.799	91	69819	2.364	ug/l	99
79) 2-Chlorotoluene	12.891	91	41885	2.323	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	45406	2.269	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.617	75	167380	84.672	ug/l	# 11
82) 4-Chlorotoluene	12.988	91	44696	2.384	ug/l	96
83) tert-Butylbenzene	13.202	119	37431	2.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.244	105	46218	2.271	ug/l	99
85) sec-Butylbenzene	13.379	105	56598	2.183	ug/l	99
86) p-Isopropyltoluene	13.494	119	45565	2.129	ug/l	97
87) 1,3-Dichlorobenzene	13.494	146	28171	2.588	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	30617	2.745	ug/l	89
89) n-Butylbenzene	13.818	91	46566	2.227	ug/l	99
90) Hexachloroethane	14.092	117	9712	2.517	ug/l	89
91) 1,2-Dichlorobenzene	13.866	146	25738	2.575	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	2351	2.371	ug/l	91
93) 1,2,4-Trichlorobenzene	15.122	180	15873	2.496	ug/l	95
94) Hexachlorobutadiene	15.232	225	6494	2.458	ug/l	83
95) Naphthalene	15.360	128	34755	2.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	14973	2.593	ug/l	90

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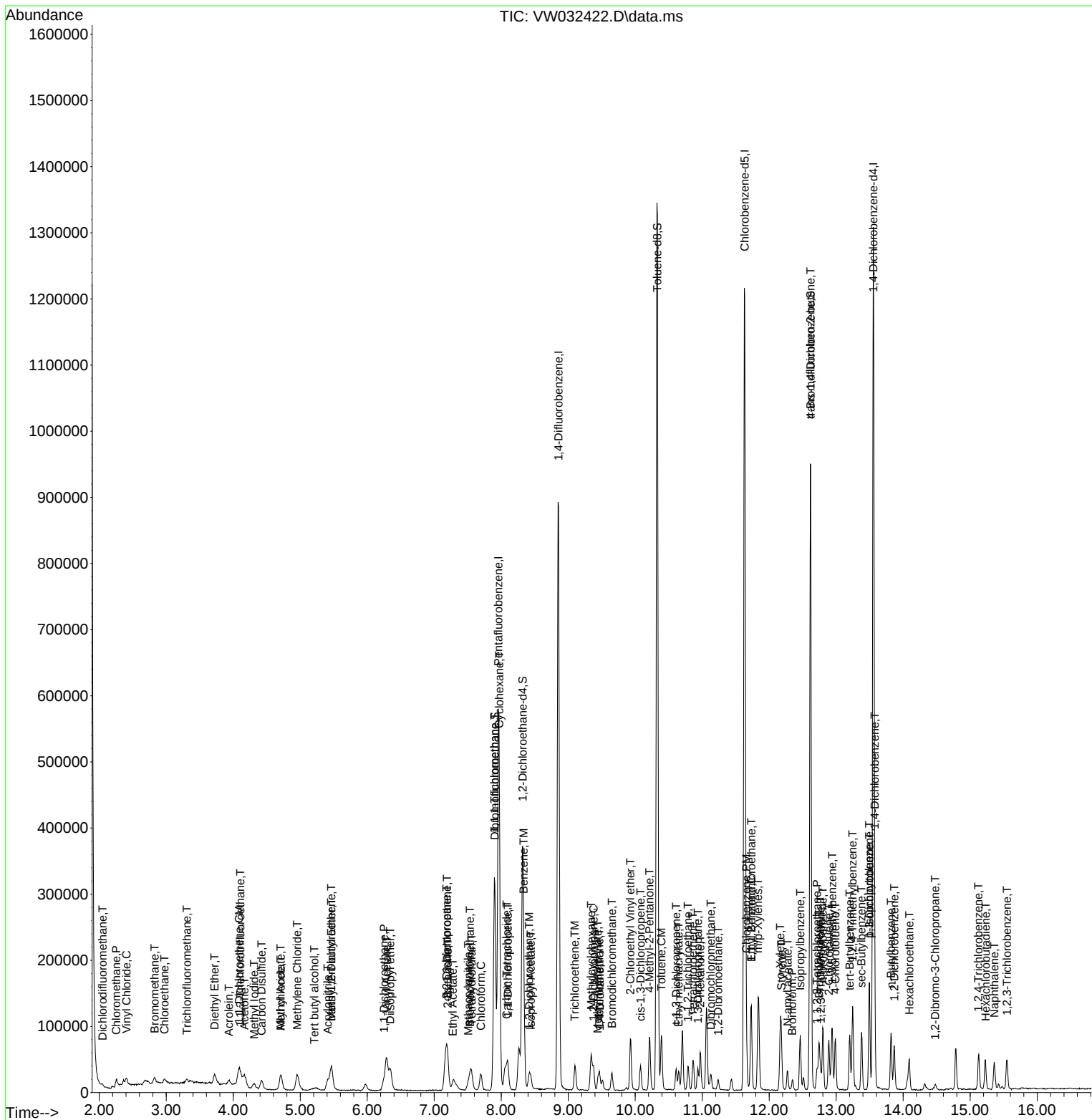
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MSVOA_W
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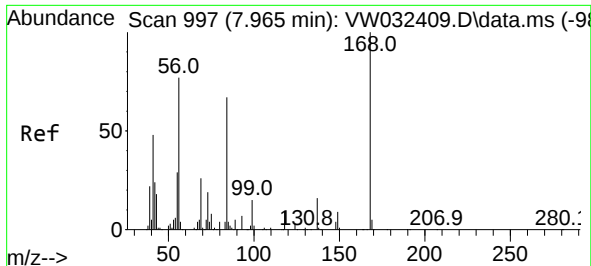
Quant Time: Nov 12 03:46:19 2025
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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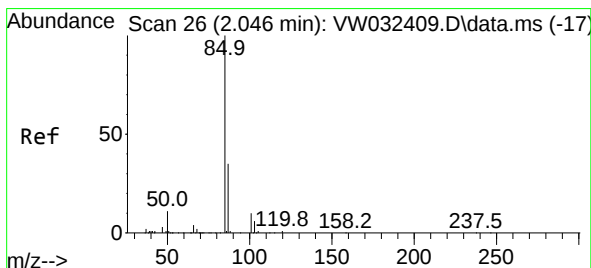
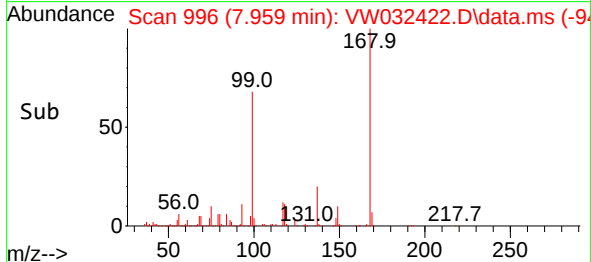
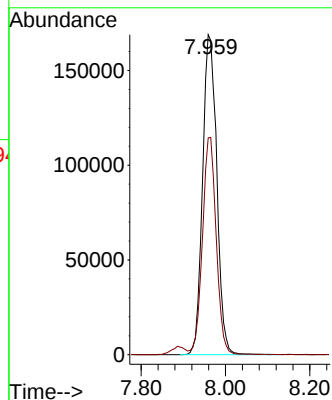
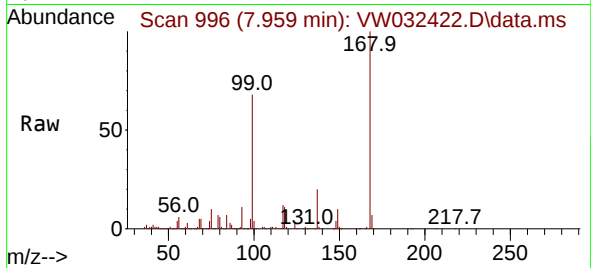




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032422.D
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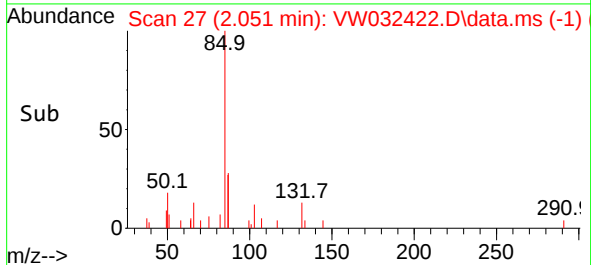
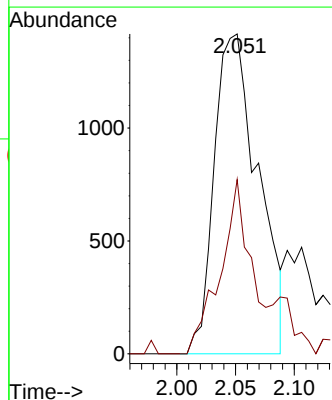
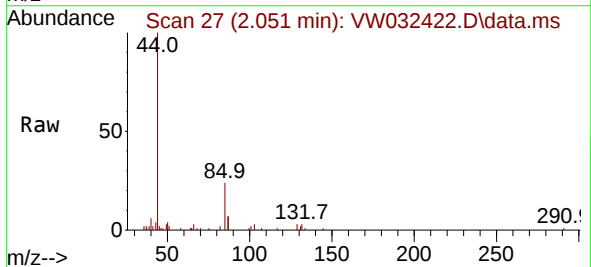
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MSVOA_W
ClientSampleId :

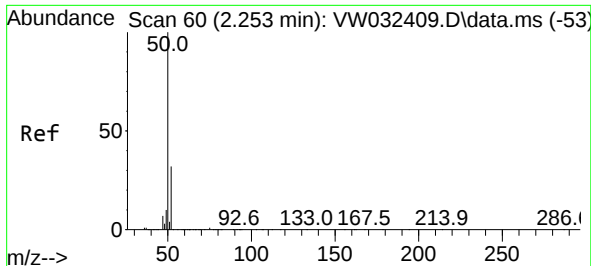
Tgt Ion:168 Resp: 395672
Ion Ratio Lower Upper
168 100
99 67.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 1.842 ug/l
RT: 2.051 min Scan# 27
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 85 Resp: 3697
Ion Ratio Lower Upper
85 100
87 54.5 17.4 52.2#

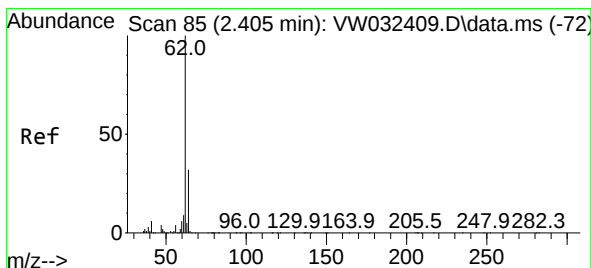
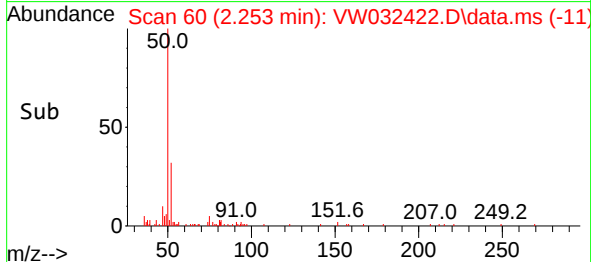
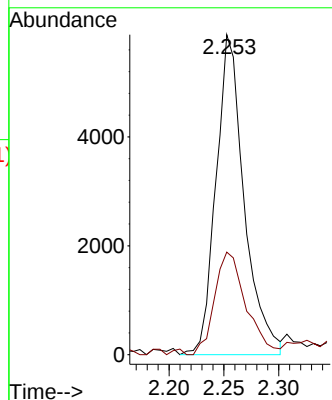
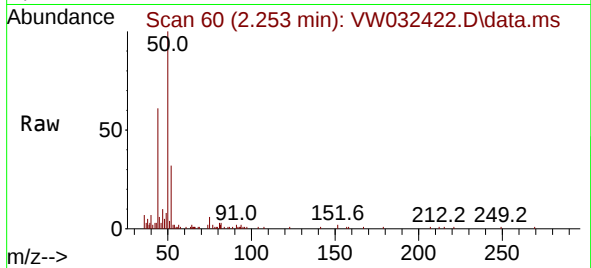




#3
Chloromethane
Concen: 3.052 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

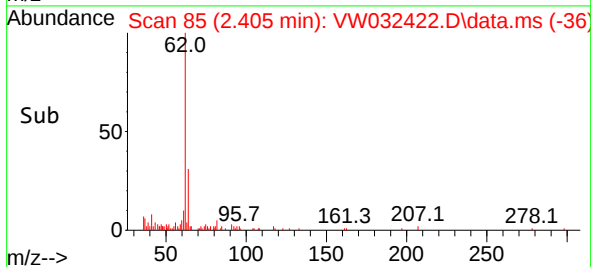
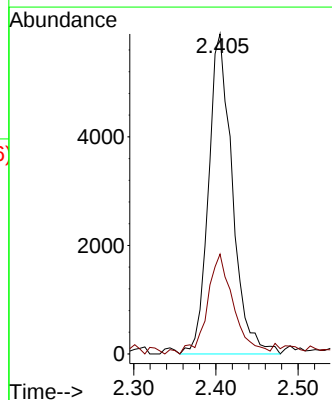
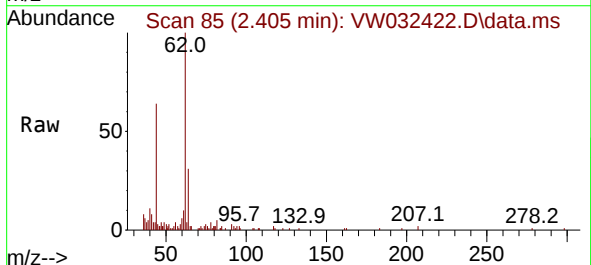
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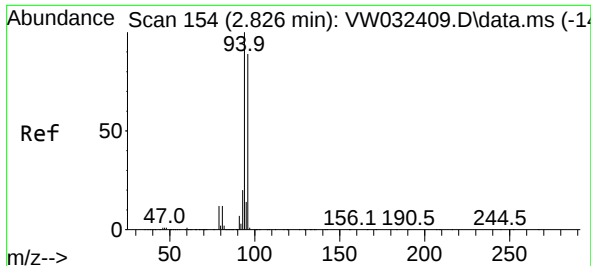
Tgt Ion: 50 Resp: 10502
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3



#4
Vinyl Chloride
Concen: 2.737 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 62 Resp: 11884
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8

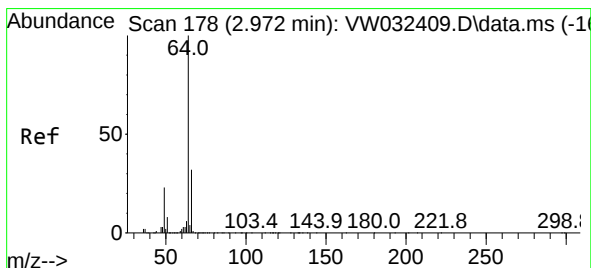
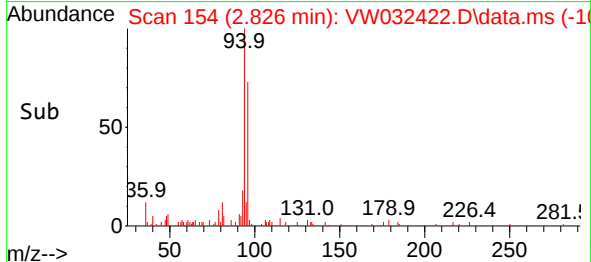
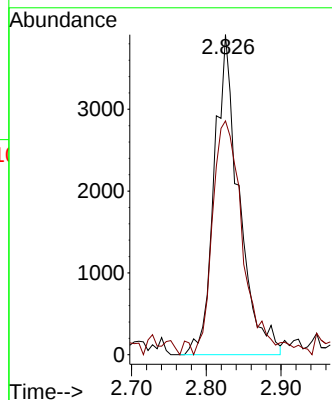
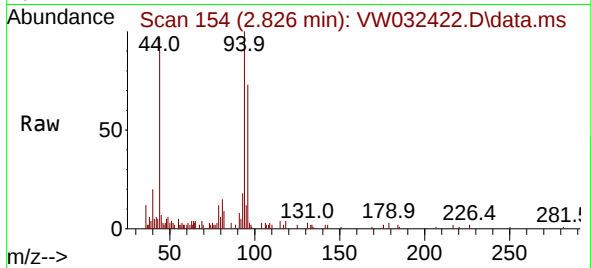




#5
Bromomethane
Concen: 3.105 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

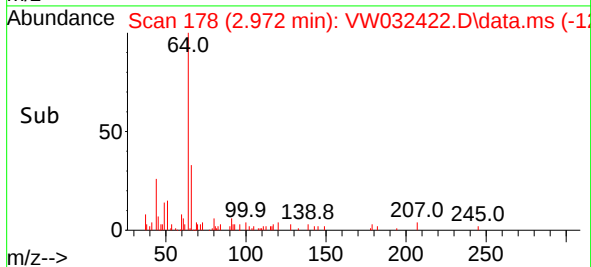
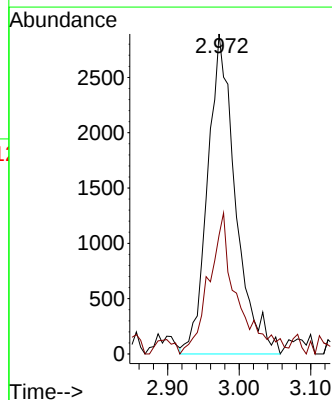
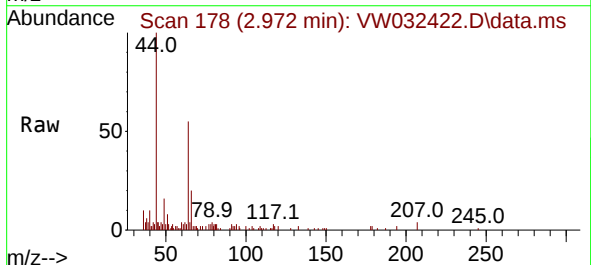
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ClientSampleId :

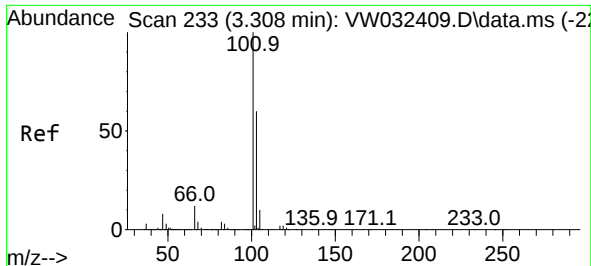
Tgt Ion: 94 Resp: 9021
Ion Ratio Lower Upper
94 100
96 73.0 71.4 107.2



#6
Chloroethane
Concen: 2.770 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 64 Resp: 7869
Ion Ratio Lower Upper
64 100
66 37.2 25.6 38.4

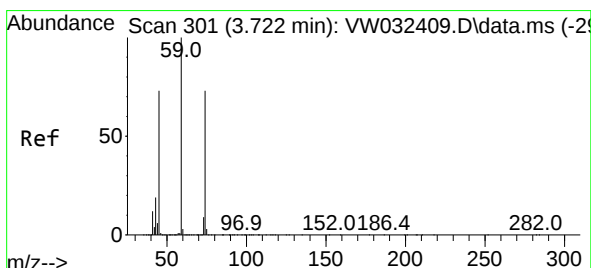
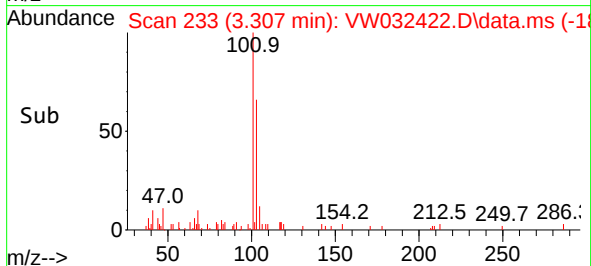
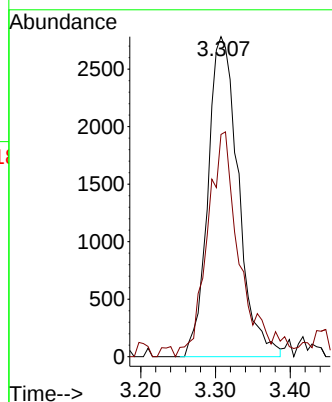
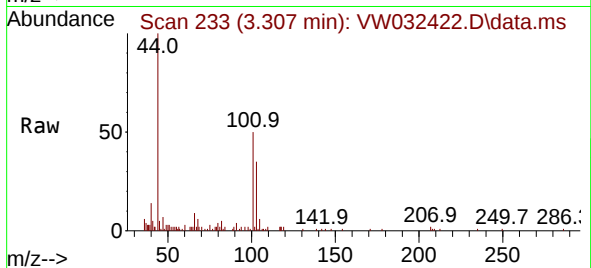




#7
 Trichlorofluoromethane
 Concen: 2.311 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

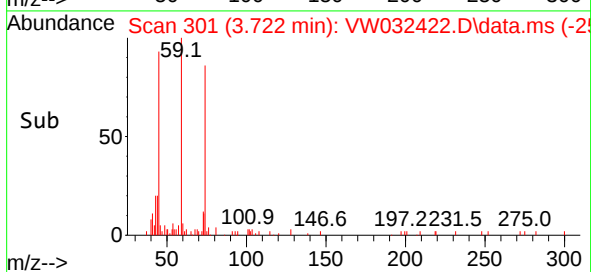
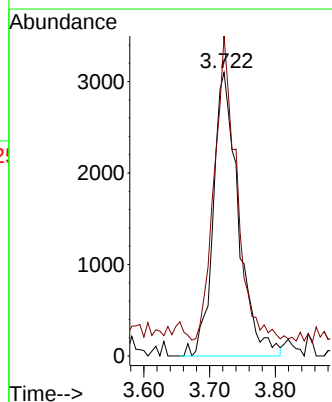
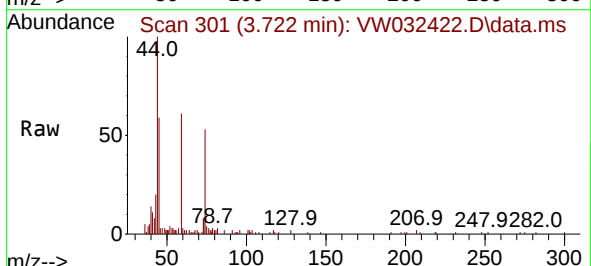
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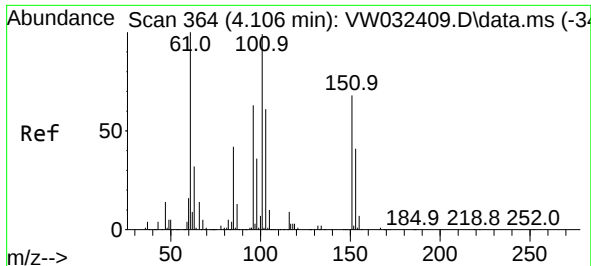
Tgt Ion:101 Resp: 7870
 Ion Ratio Lower Upper
 101 100
 103 66.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 2.958 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion: 74 Resp: 8235
 Ion Ratio Lower Upper
 74 100
 45 96.8 51.8 155.4

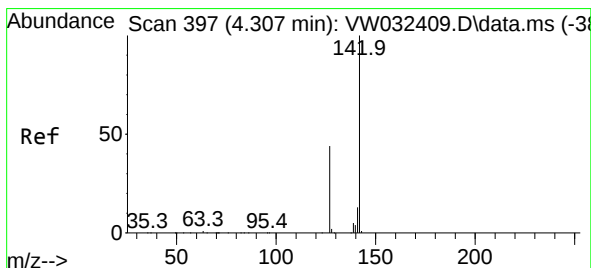
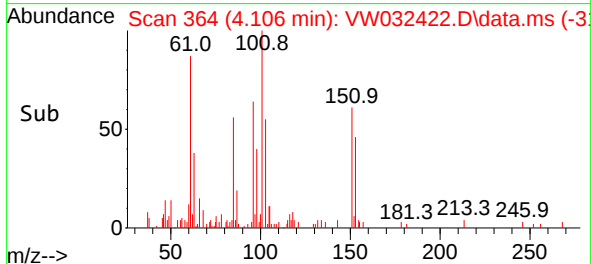
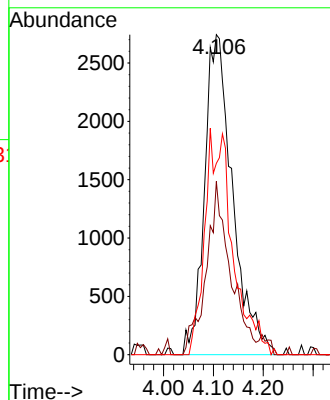
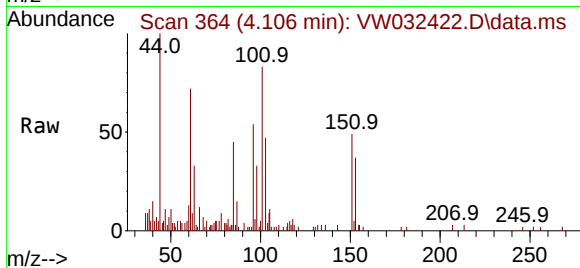




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.889 ug/l
RT: 4.106 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

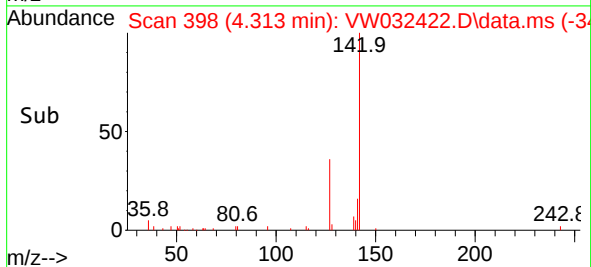
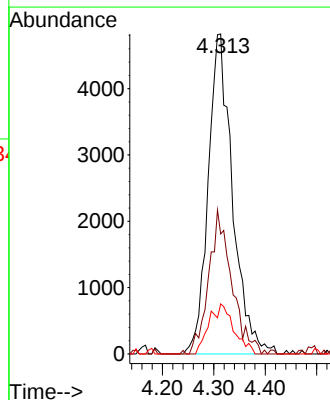
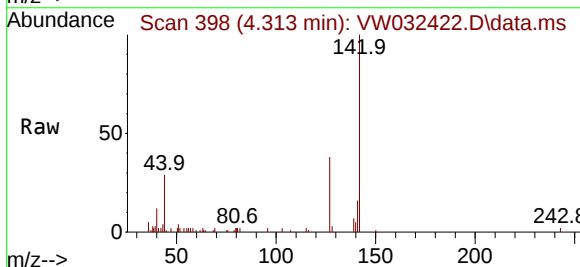
Instrument :
MSVOA_W
ClientSampleId :

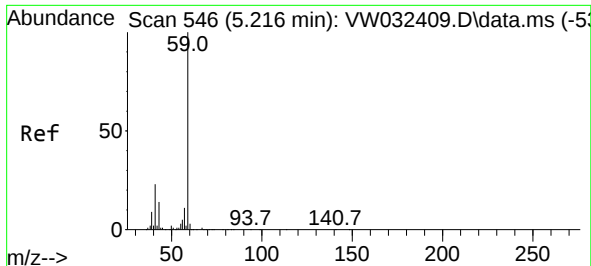
Tgt Ion:101 Resp: 10715
Ion Ratio Lower Upper
101 100
85 46.8 34.1 51.1
151 30.5 56.4 84.6#



#10
Methyl Iodide
Concen: 2.657 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion:142 Resp: 15874
Ion Ratio Lower Upper
142 100
127 42.5 34.2 51.2
141 15.9 11.8 17.8

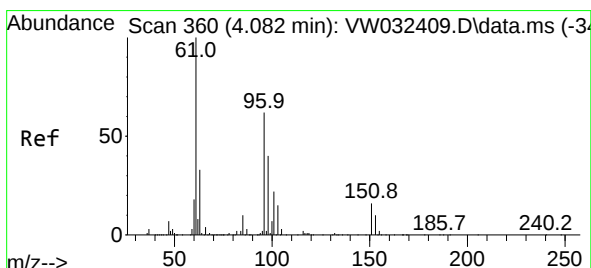
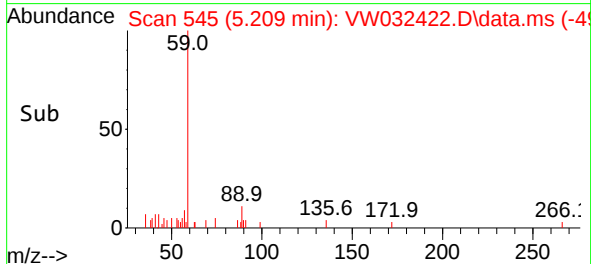
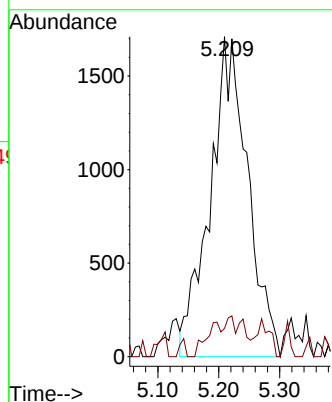
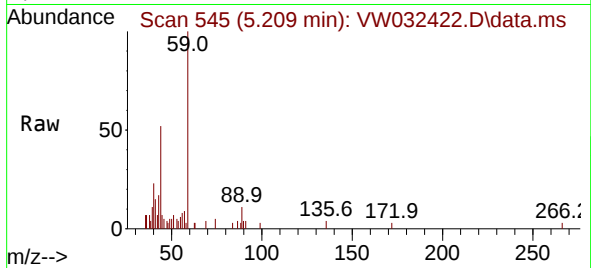




#11
Tert butyl alcohol
Concen: 16.722 ug/l
RT: 5.209 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

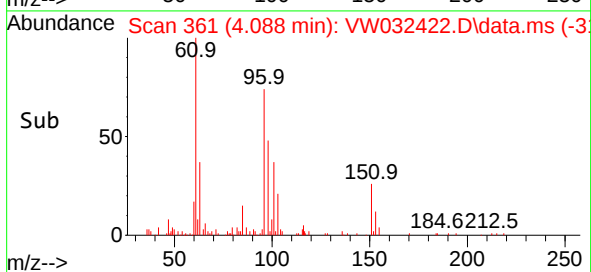
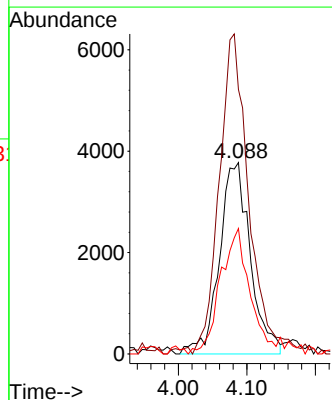
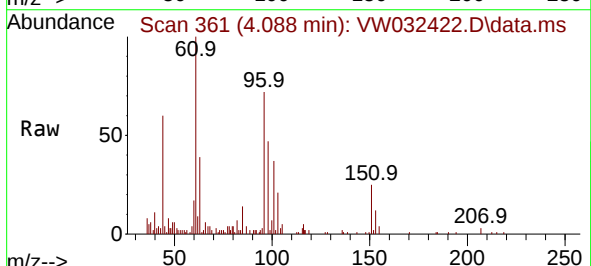
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 59 Resp: 7376
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.775 ug/l
RT: 4.088 min Scan# 361
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 96 Resp: 11801
Ion Ratio Lower Upper
96 100
61 136.2 129.0 193.6
98 63.5 51.1 76.7

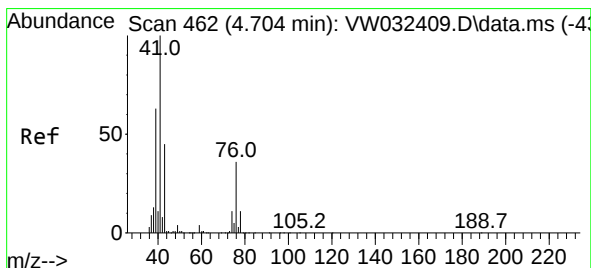
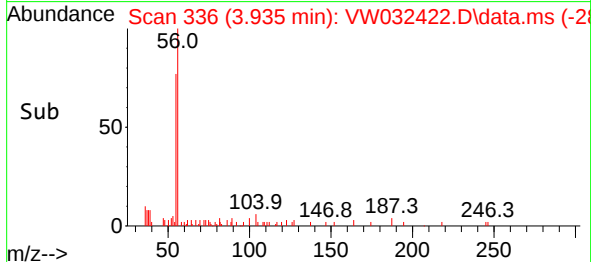
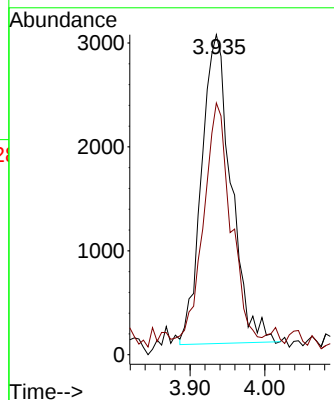
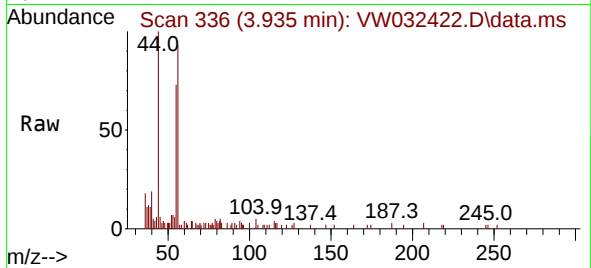




#13
Acrolein
Concen: 11.004 ug/l
RT: 3.935 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

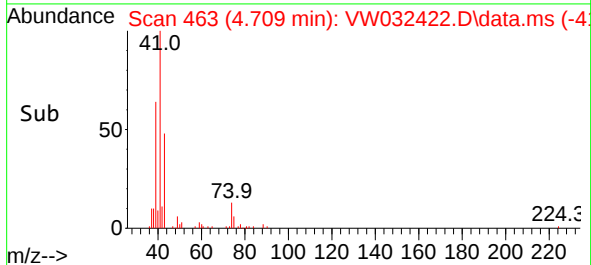
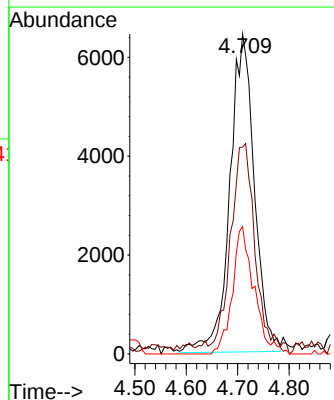
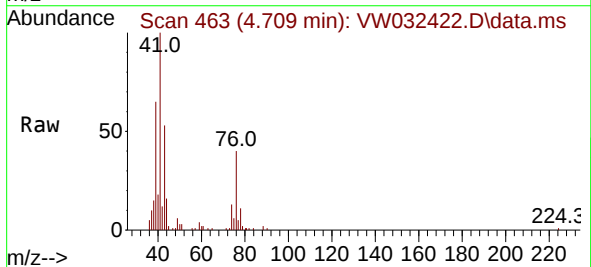
Instrument :
MSVOA_W
ClientSampleId :

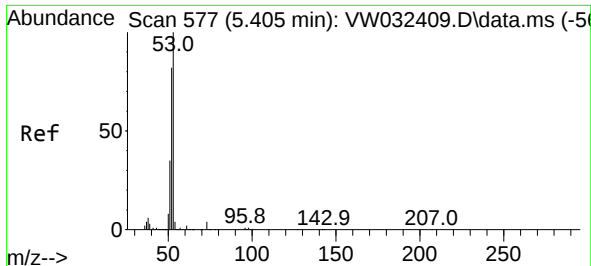
Tgt Ion: 56 Resp: 8144
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5



#14
Allyl chloride
Concen: 2.608 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

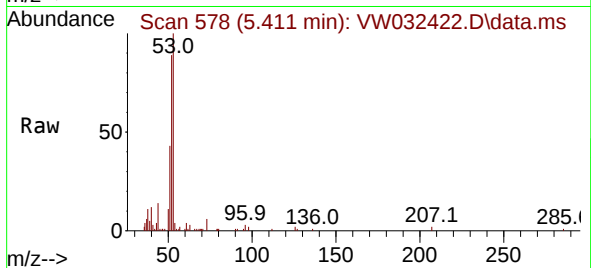
Tgt Ion: 41 Resp: 21327
Ion Ratio Lower Upper
41 100
39 67.0 50.2 75.2
76 35.4 27.0 40.6





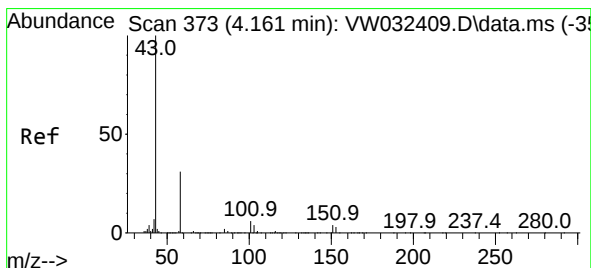
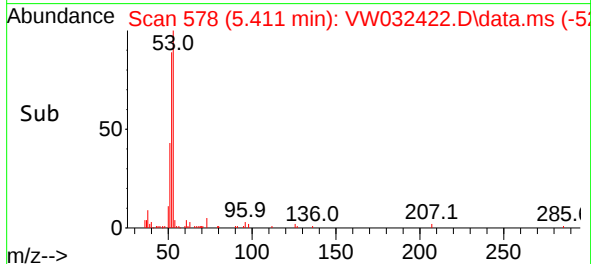
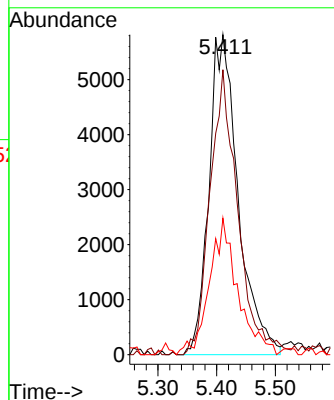
#15
Acrylonitrile
Concen: 12.532 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 20170

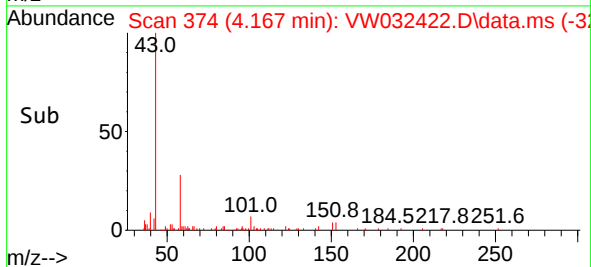
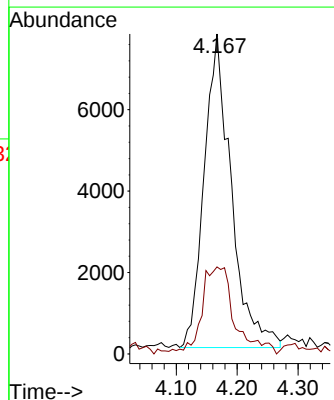
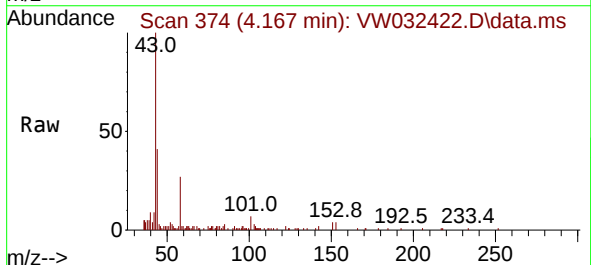
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.4	99.6
51	41.2	28.6	43.0

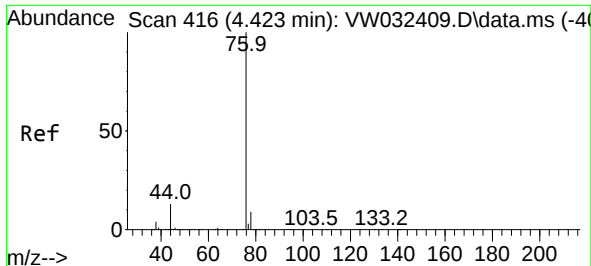


#16
Acetone
Concen: 15.579 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 43 Resp: 23776

Ion	Ratio	Lower	Upper
43	100		
58	26.2	24.8	37.2

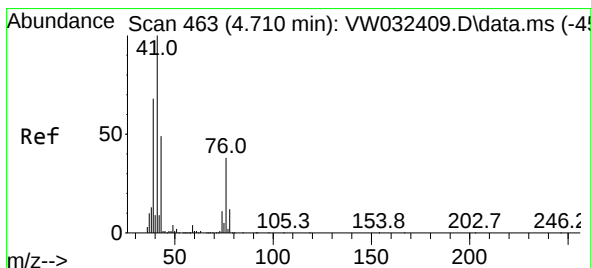
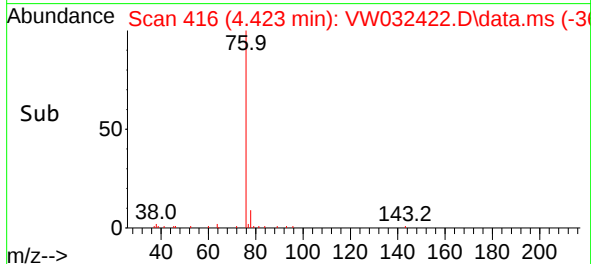
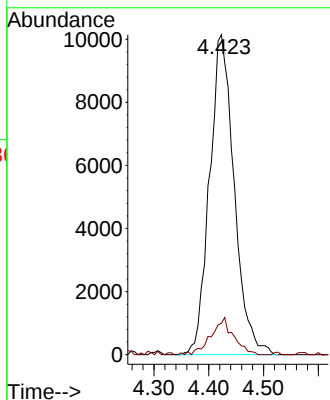
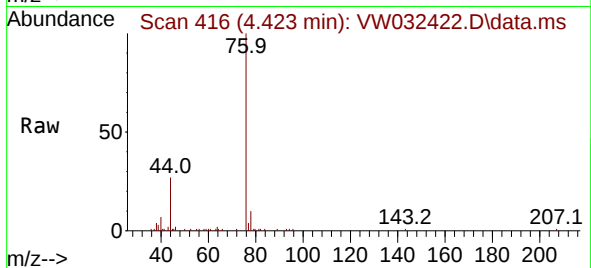




#17
Carbon Disulfide
Concen: 2.517 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

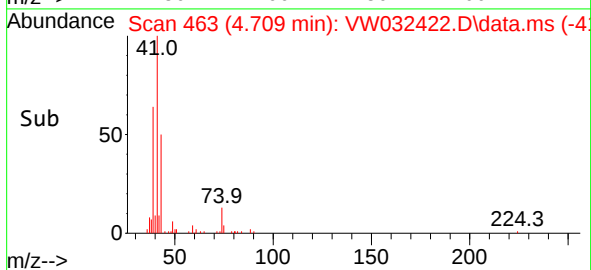
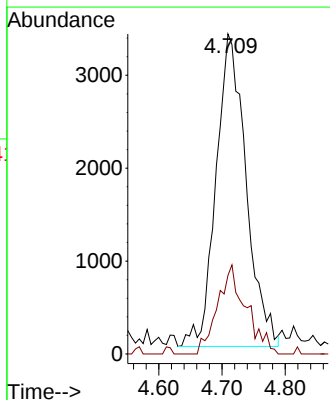
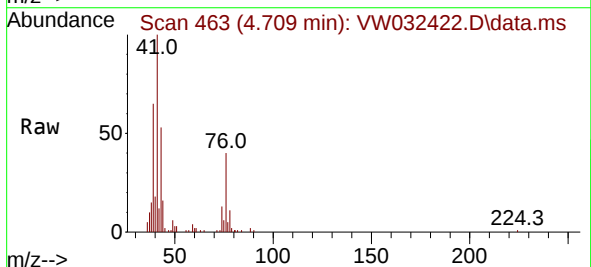
Instrument :
MSVOA_W
ClientSampleId :

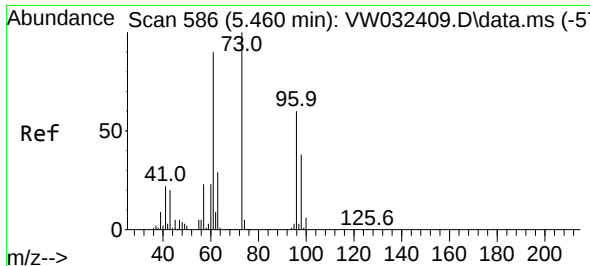
Tgt Ion: 76 Resp: 31636
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 2.934 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 43 Resp: 11089
Ion Ratio Lower Upper
43 100
74 27.0 18.9 28.3

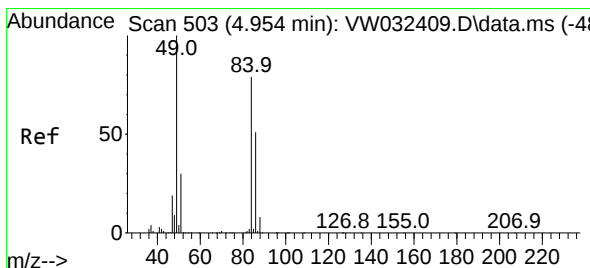
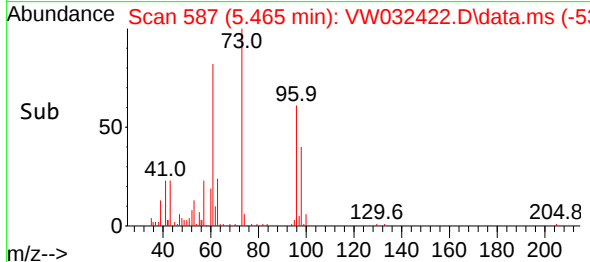
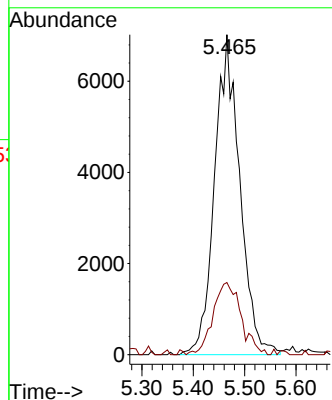
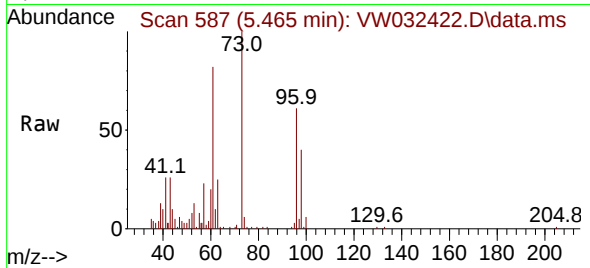




#19
Methyl tert-butyl Ether
Concen: 2.663 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

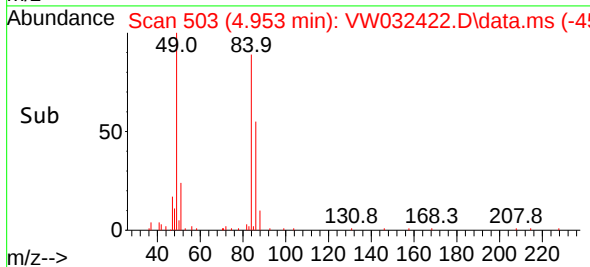
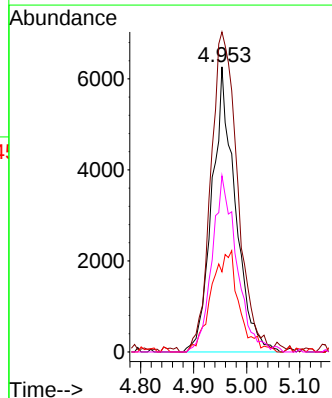
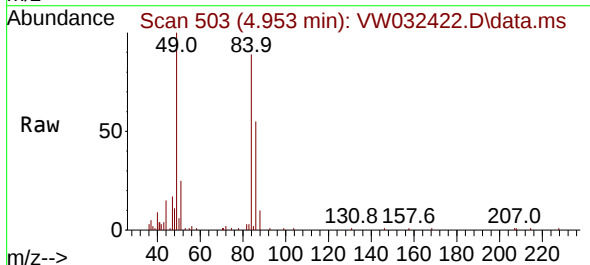
Instrument :
MSVOA_W
ClientSampleId :

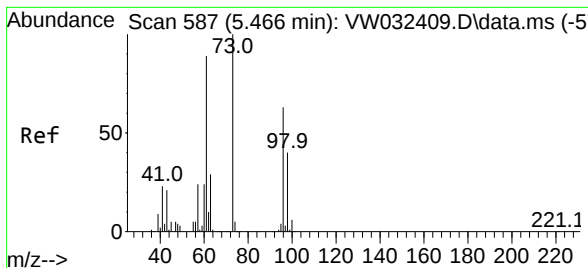
Tgt Ion: 73 Resp: 23876
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 3.516 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 84 Resp: 19189
Ion Ratio Lower Upper
84 100
49 112.2 101.5 152.3
51 28.1 30.6 46.0#
86 61.8 51.9 77.9

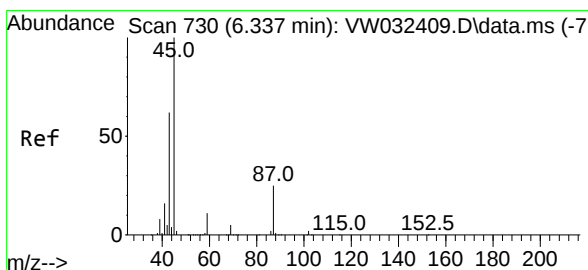
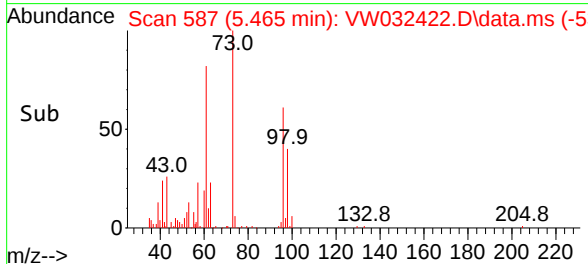
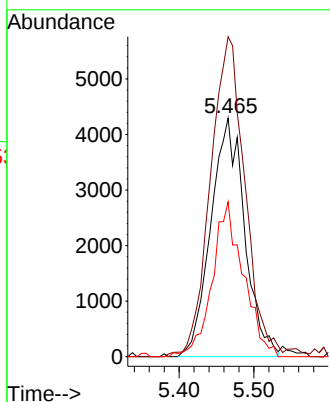
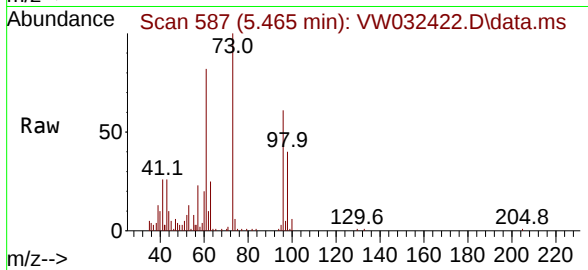




#21
trans-1,2-Dichloroethene
Concen: 2.776 ug/l
RT: 5.465 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

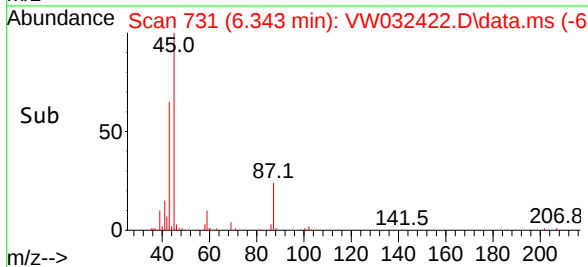
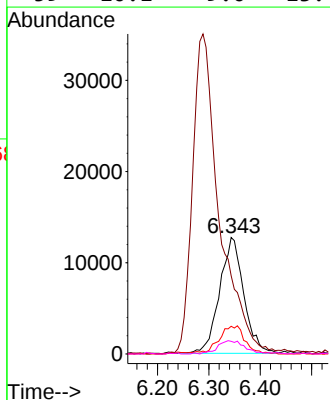
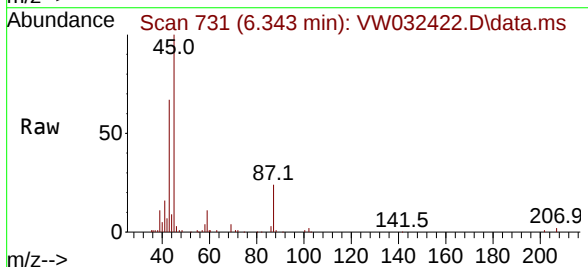
Instrument :
MSVOA_W
ClientSampleId :

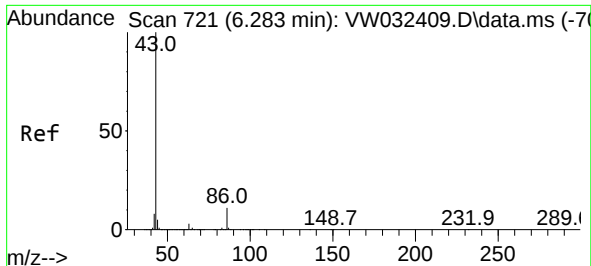
Tgt Ion: 96 Resp: 13498
Ion Ratio Lower Upper
96 100
61 132.2 112.5 168.7
98 64.9 51.1 76.7



#22
Diisopropyl ether
Concen: 2.486 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 45 Resp: 41390
Ion Ratio Lower Upper
45 100
43 64.4 49.4 74.2
87 24.0 20.1 30.1
59 10.1 9.0 13.4

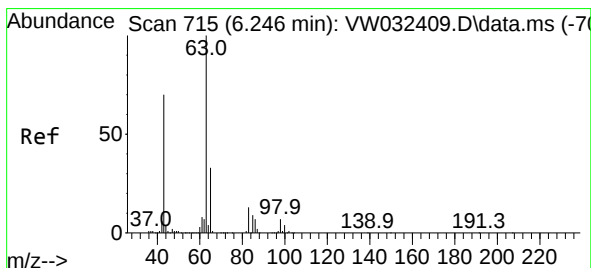
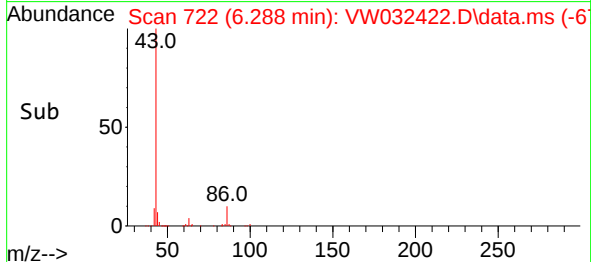
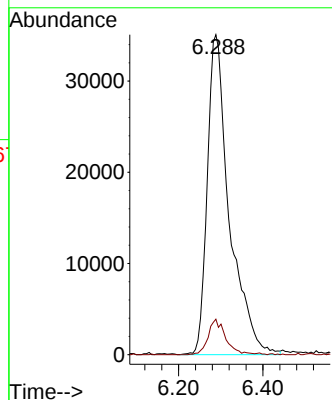
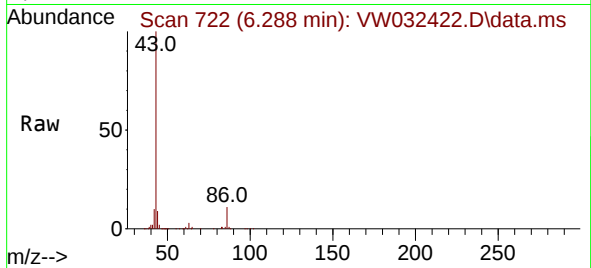




#23
 Vinyl Acetate
 Concen: 11.200 ug/l
 RT: 6.288 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

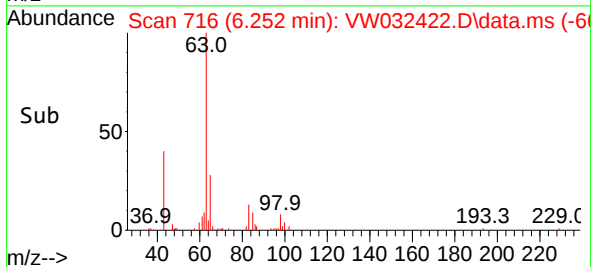
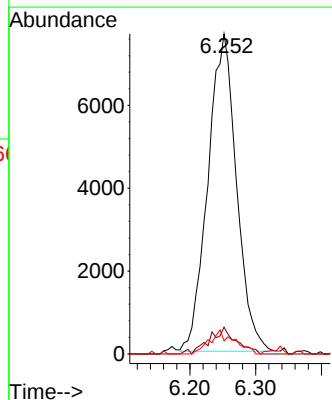
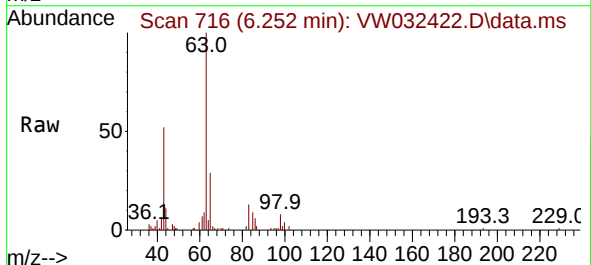
Instrument :
 MSVOA_W
 ClientSampleId :

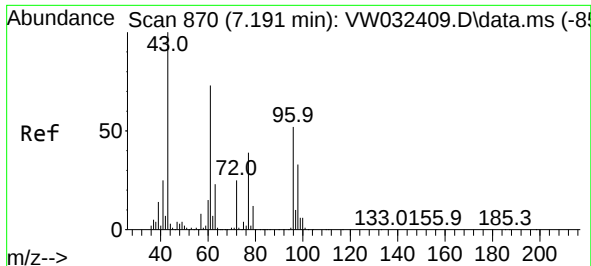
Tgt Ion: 43 Resp: 127776
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 2.543 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion: 63 Resp: 23203
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.2 2.3 6.8

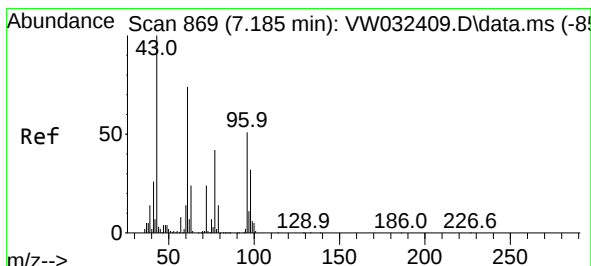
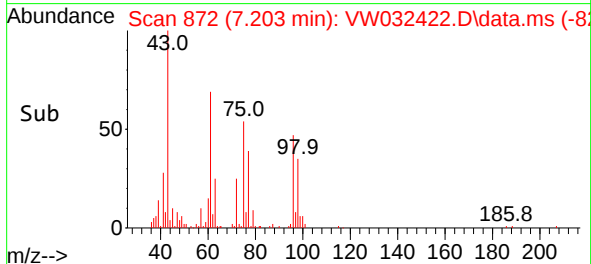
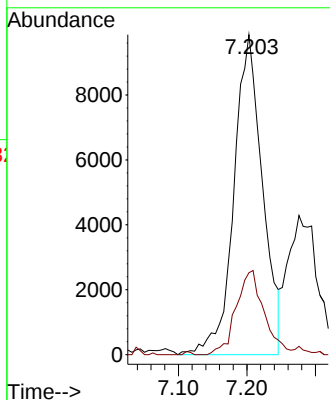
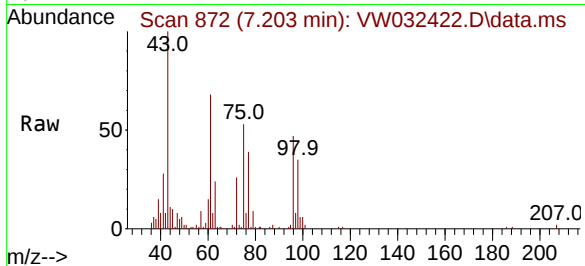




#25
2-Butanone
Concen: 12.730 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

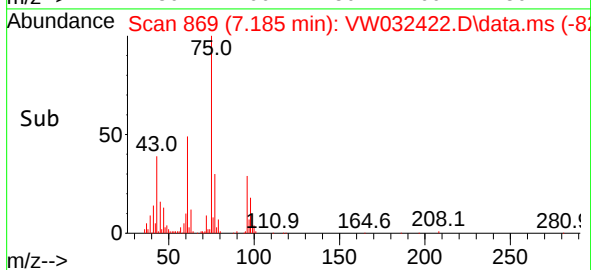
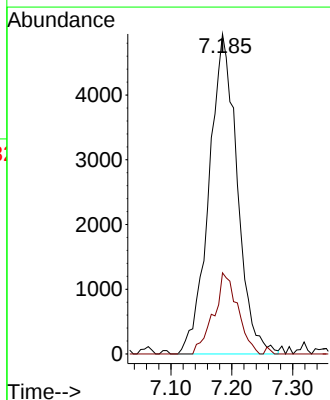
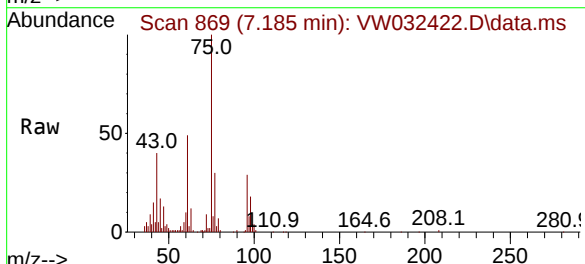
Instrument :
MSVOA_W
ClientSampleId :

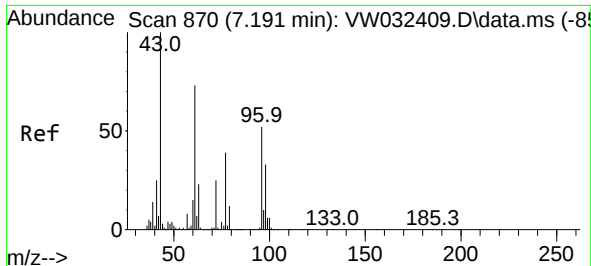
Tgt Ion: 43 Resp: 28622
Ion Ratio Lower Upper
43 100
72 25.6 20.0 30.0



#26
2,2-Dichloropropane
Concen: 3.125 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 77 Resp: 15889
Ion Ratio Lower Upper
77 100
97 21.6 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 2.644 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

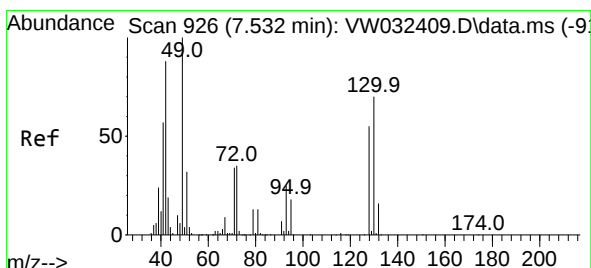
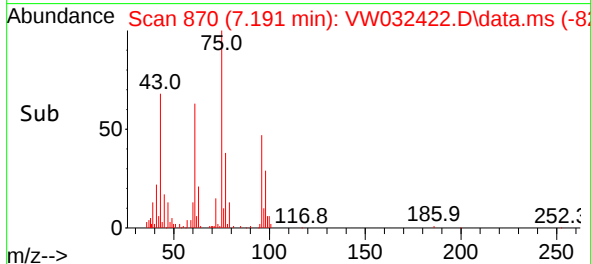
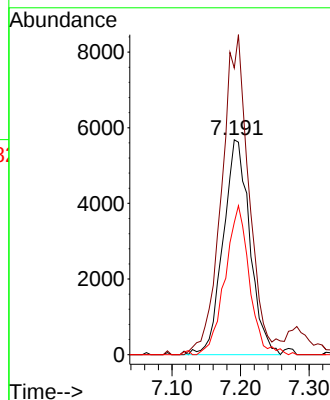
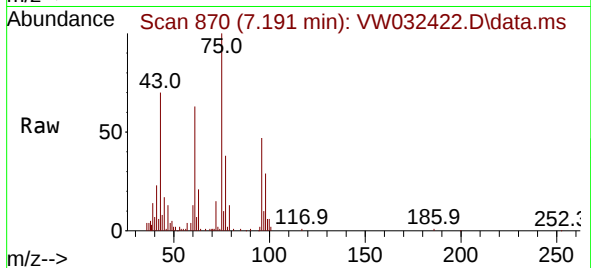
Tgt Ion: 96 Resp: 15363

Ion Ratio Lower Upper

96 100

61 152.7 0.0 282.6

98 63.1 0.0 128.6



#28

Bromochloromethane

Concen: 2.814 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

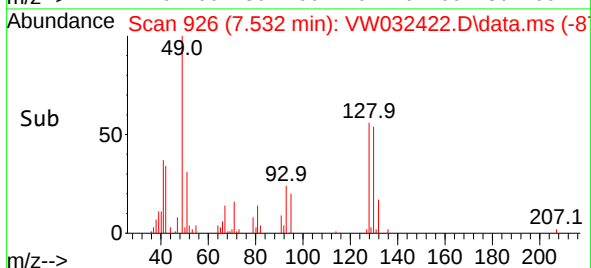
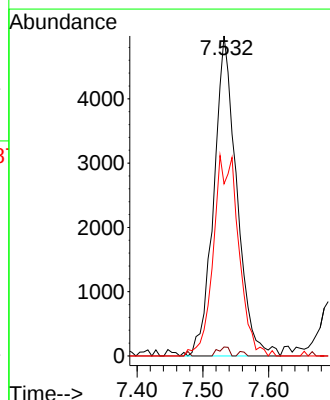
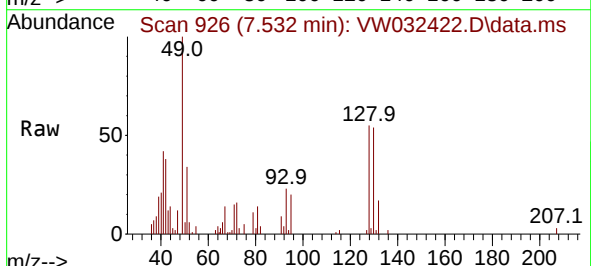
Tgt Ion: 49 Resp: 12132

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 69.0 56.9 85.3





#29

Tetrahydrofuran

Concen: 12.369 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.006 min

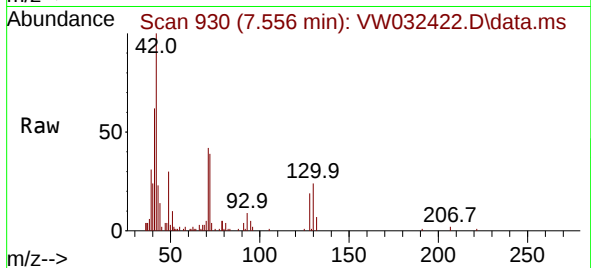
Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

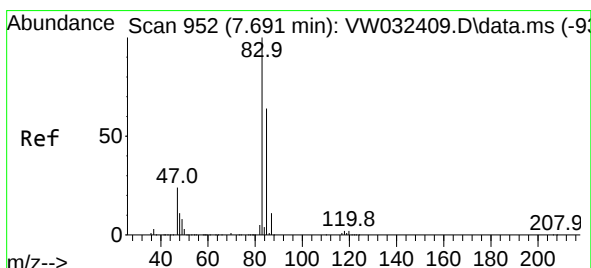
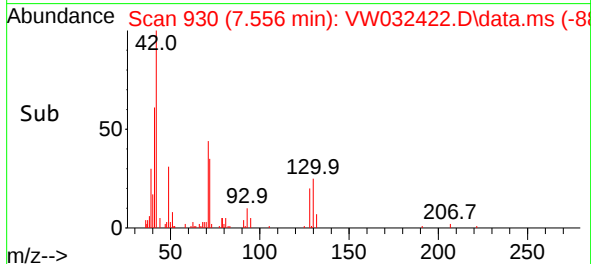
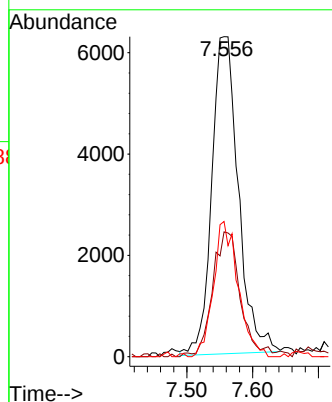
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 42	Resp: 17652
Ion Ratio	Lower Upper
42	100
72	41.1 33.6 50.4
71	39.4 31.4 47.0



#30

Chloroform

Concen: 2.790 ug/l

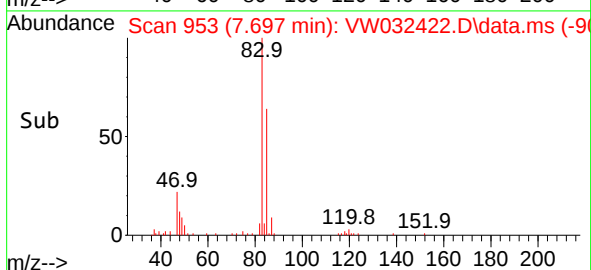
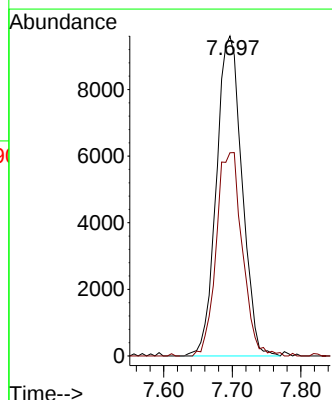
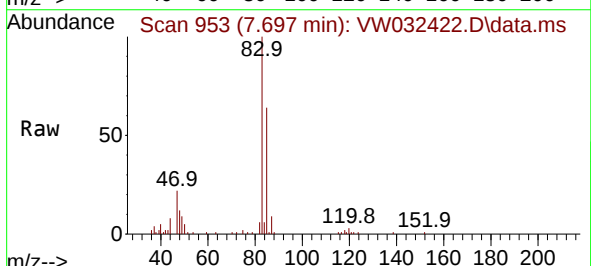
RT: 7.697 min Scan# 953

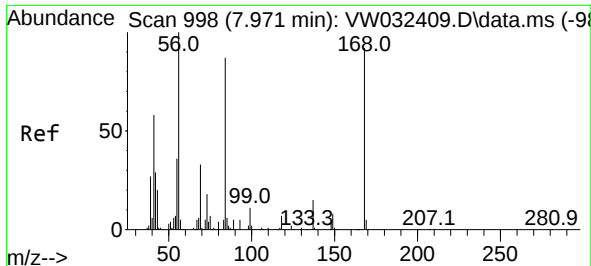
Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Tgt Ion: 83	Resp: 24920
Ion Ratio	Lower Upper
83	100
85	63.5 51.0 76.4

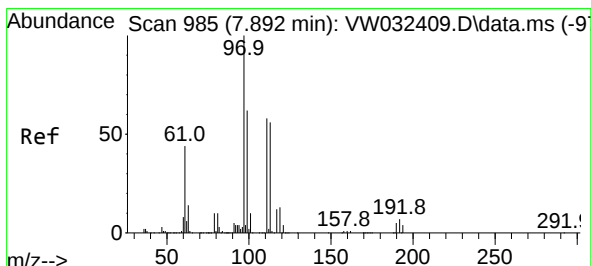
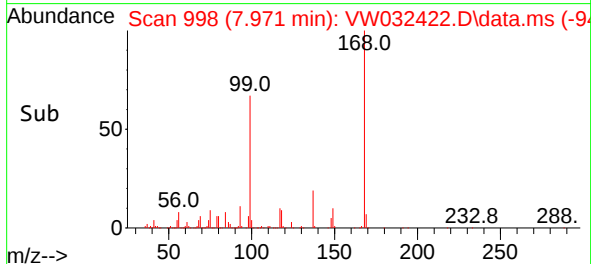
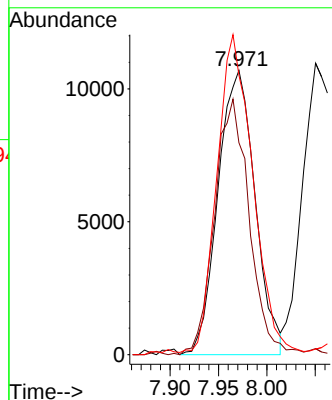
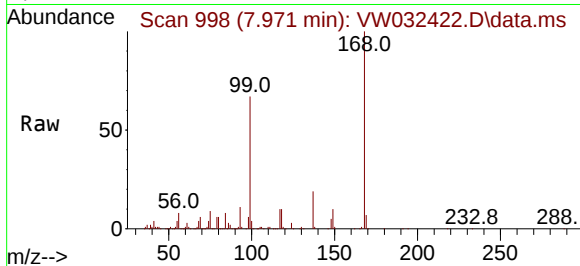




#31
Cyclohexane
Concen: 3.374 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

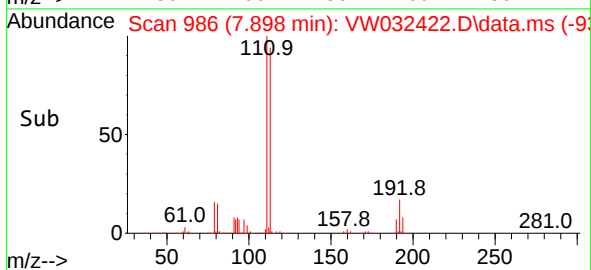
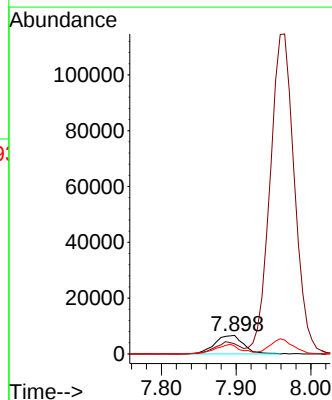
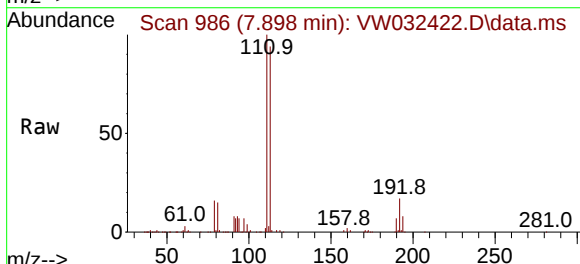
Instrument :
MSVOA_W
ClientSampleId :

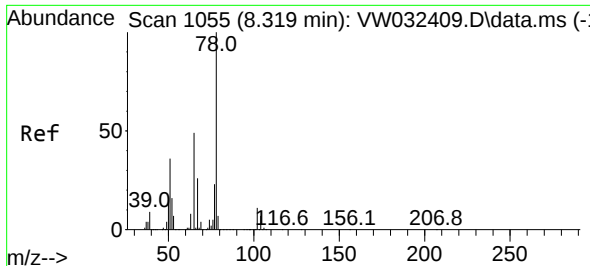
Tgt Ion: 56 Resp: 28476
Ion Ratio Lower Upper
56 100
69 74.6 26.5 39.7#
84 97.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 2.804 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 97 Resp: 17888
Ion Ratio Lower Upper
97 100
99 54.6 51.8 77.8
61 44.8 35.5 53.3

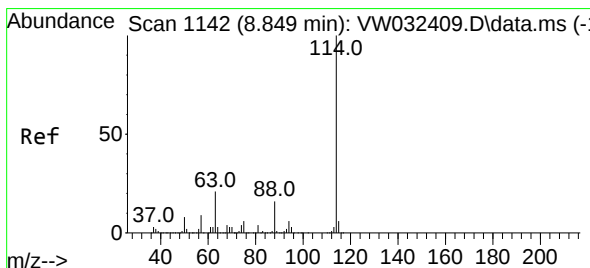
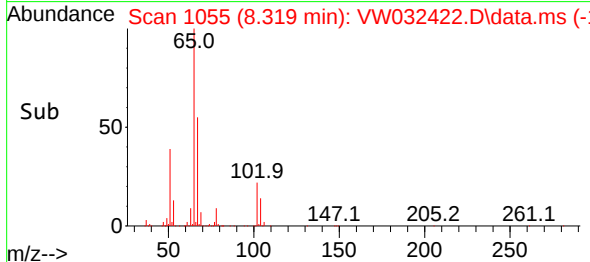
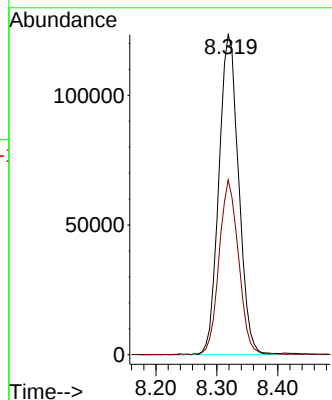
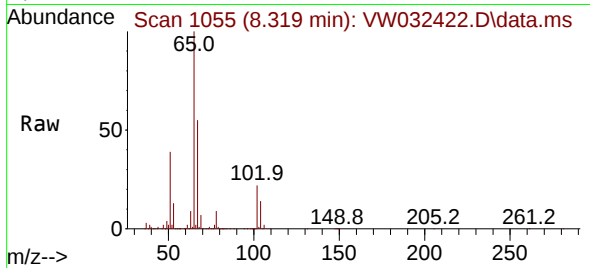




#33
 1,2-Dichloroethane-d4
 Concen: 54.446 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

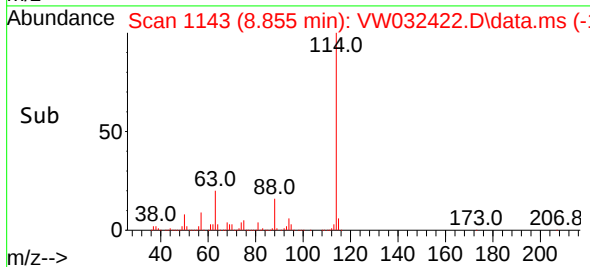
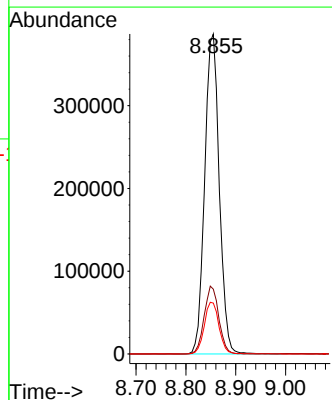
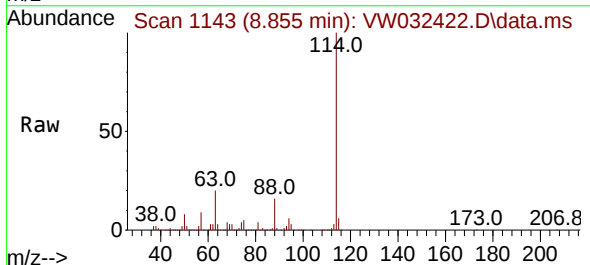
Instrument :
 MSVOA_W
 ClientSampleId :

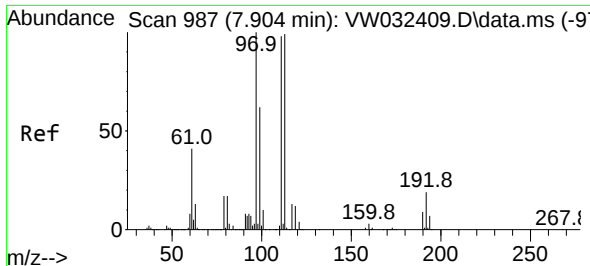
Tgt Ion: 65 Resp: 277737
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion: 114 Resp: 784281
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.9 0.0 32.6

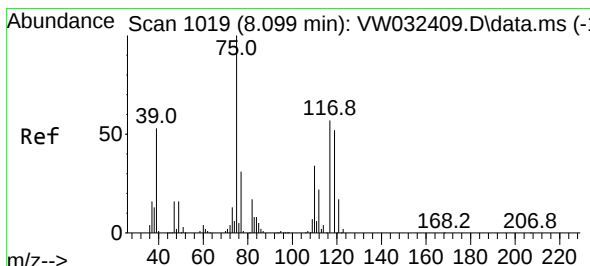
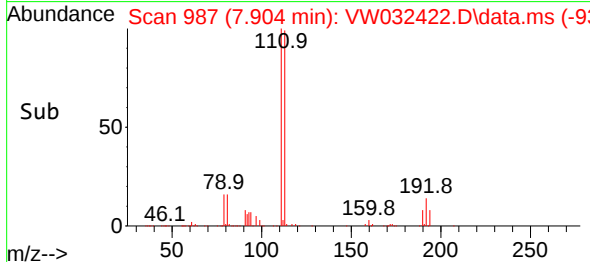
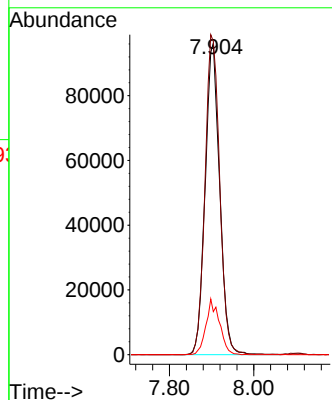
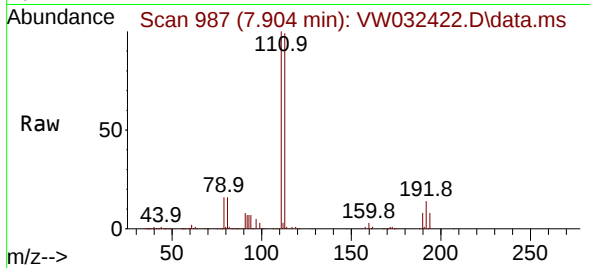




#35
Dibromofluoromethane
Concen: 49.000 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

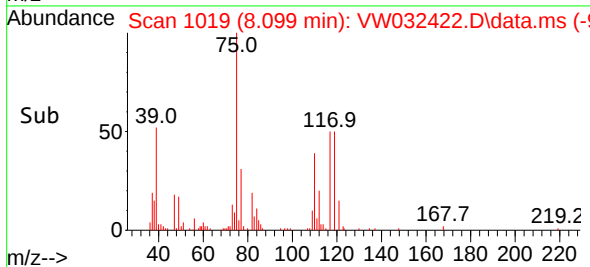
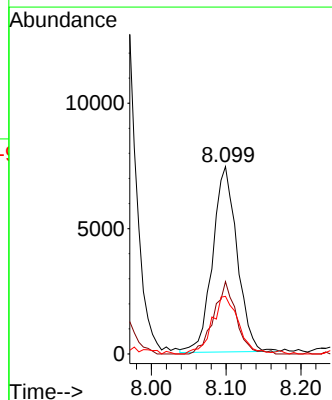
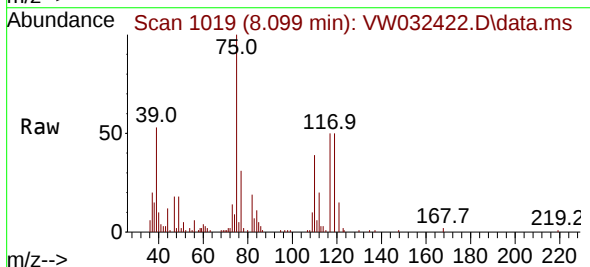
Instrument :
MSVOA_W
ClientSampleId :

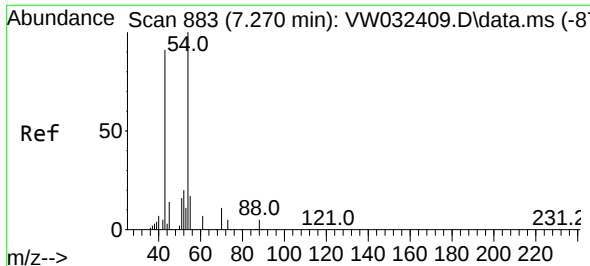
Tgt Ion:113 Resp: 230086
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.8 13.4 20.2



#36
1,1-Dichloropropene
Concen: 2.437 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 75 Resp: 16863
Ion Ratio Lower Upper
75 100
110 36.1 17.2 51.5
77 33.6 24.5 36.7

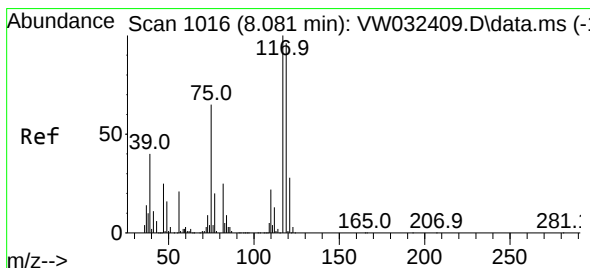
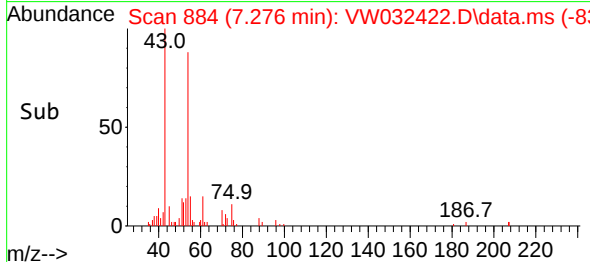
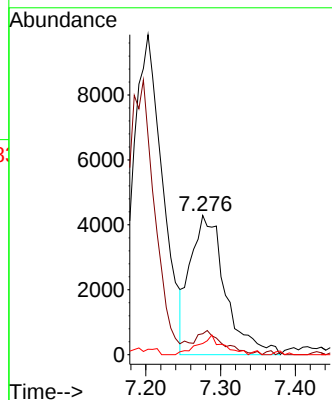
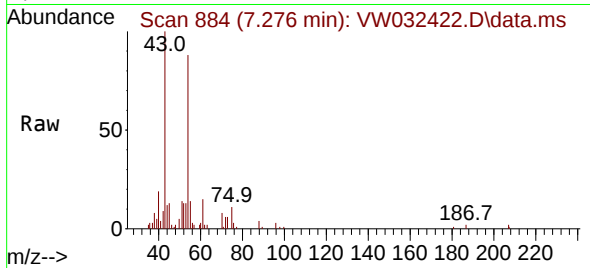




#37
Ethyl Acetate
Concen: 2.715 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

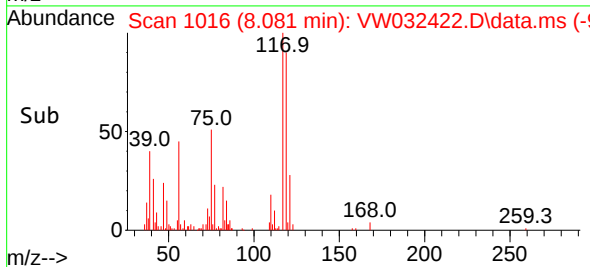
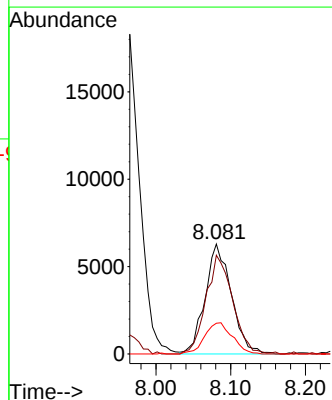
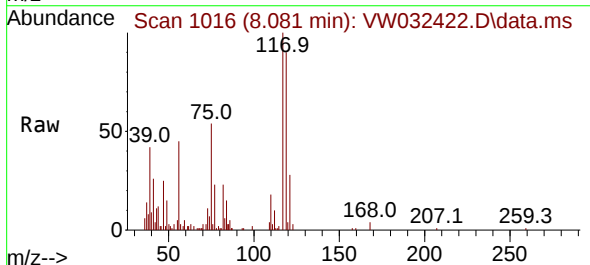
Instrument :
MSVOA_W
ClientSampleId :

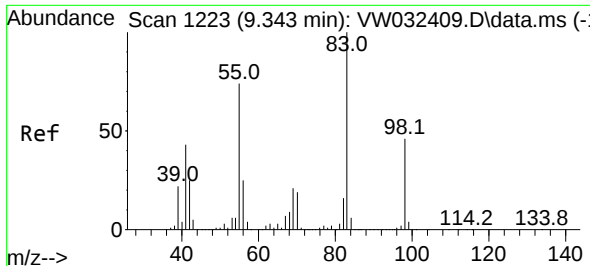
Tgt Ion: 43 Resp: 13967
Ion Ratio Lower Upper
43 100
61 10.7 11.0 16.6#
70 9.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 2.497 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 117 Resp: 15348
Ion Ratio Lower Upper
117 100
119 89.9 77.0 115.4
121 27.9 22.0 33.0





#39

Methylcyclohexane

Concen: 2.273 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

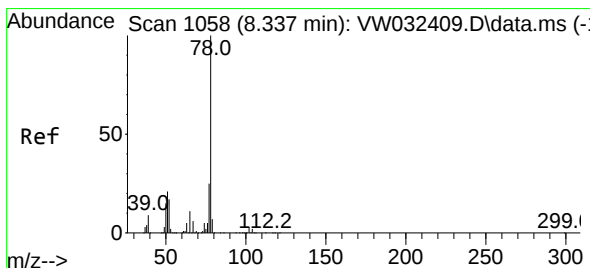
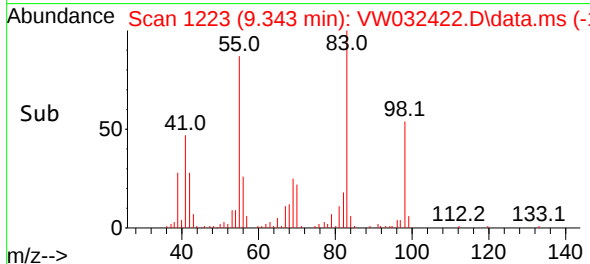
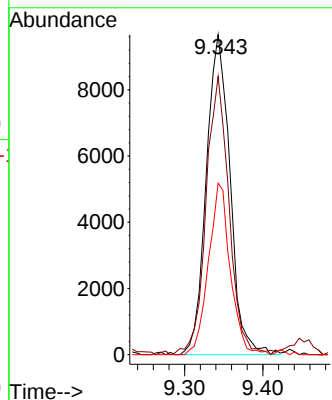
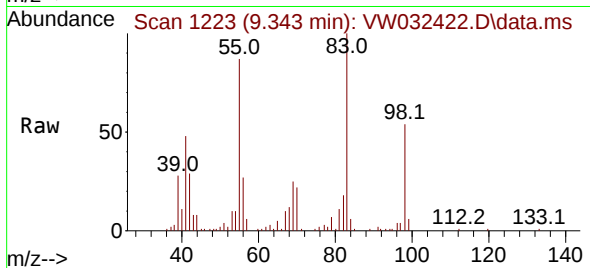
Tgt Ion: 83 Resp: 20372

Ion Ratio Lower Upper

83 100

55 85.6 59.2 88.8

98 53.6 36.6 54.8



#40

Benzene

Concen: 2.515 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032422.D

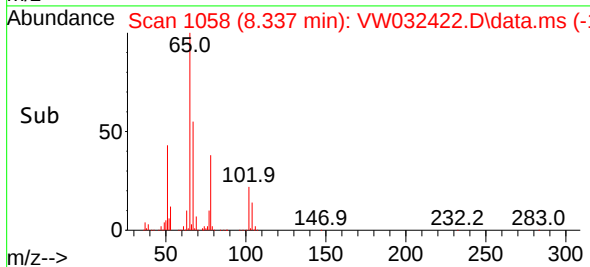
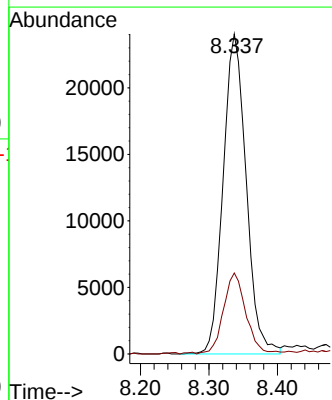
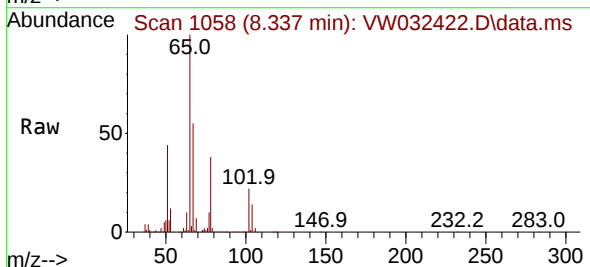
Acq: 11 Nov 2025 12:06

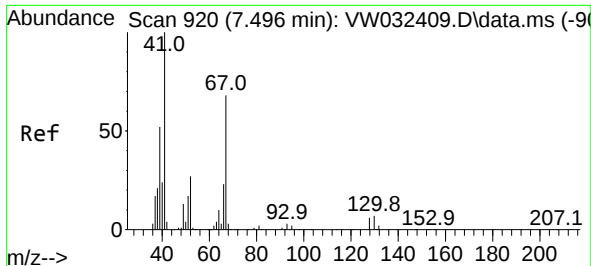
Tgt Ion: 78 Resp: 56044

Ion Ratio Lower Upper

78 100

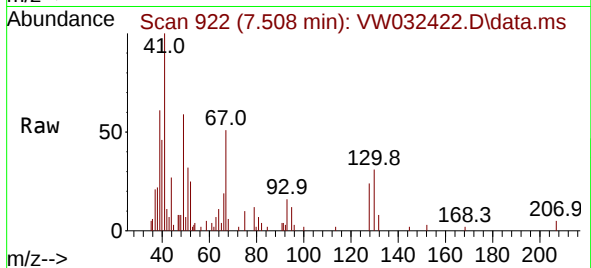
77 25.3 19.6 29.4



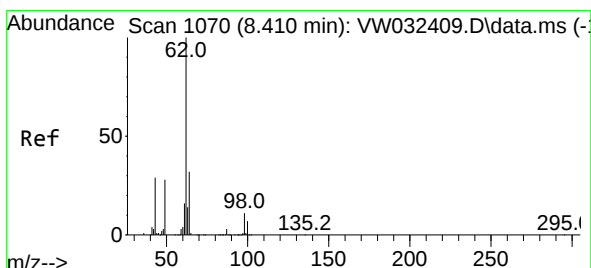
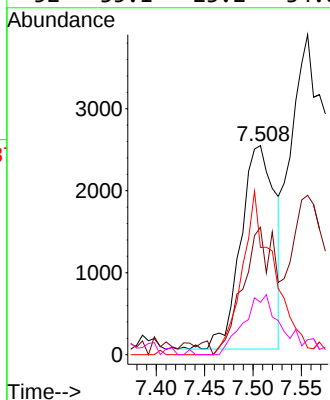
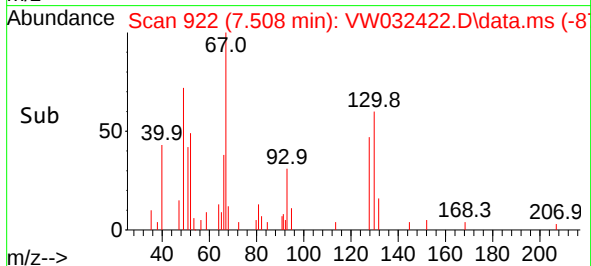


#41
Methacrylonitrile
Concen: 2.164 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

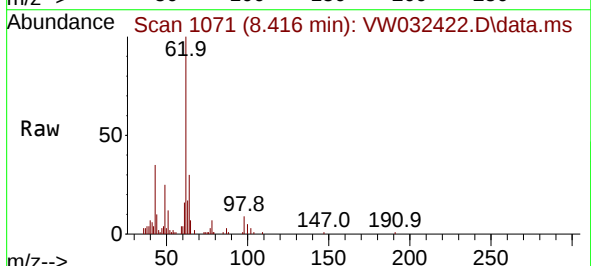
Instrument :
MSVOA_W
ClientSampleId :



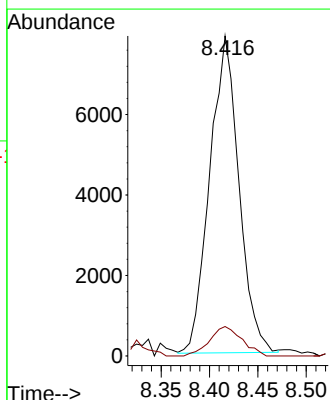
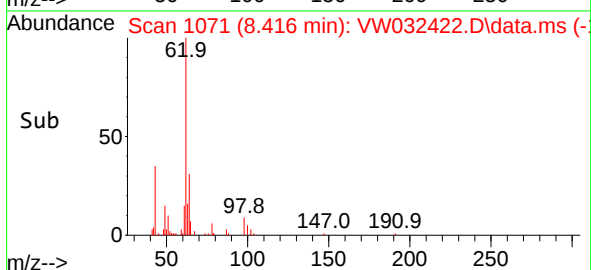
Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.7	44.6	66.8
67	74.2	57.6	86.4
52	35.1	23.2	34.8

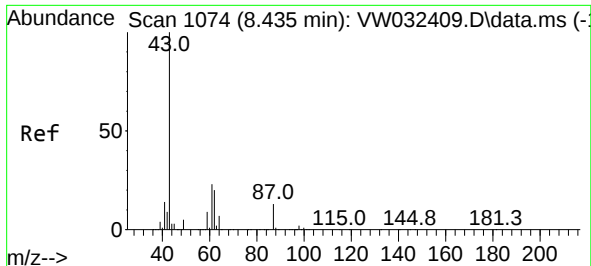


#42
1,2-Dichloroethane
Concen: 2.528 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06



Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 2.193 ug/l

RT: 8.440 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

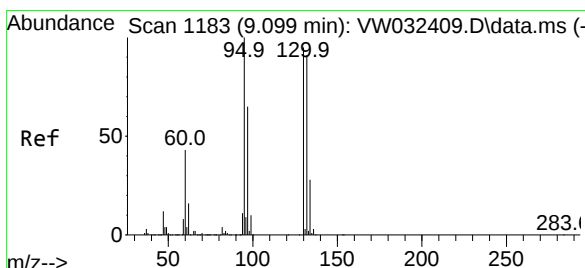
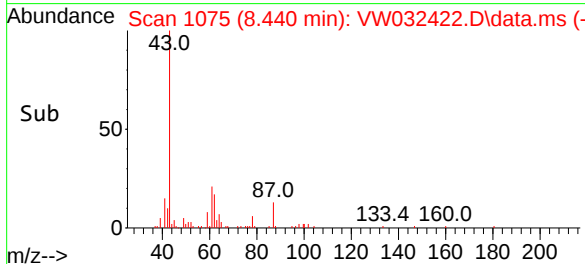
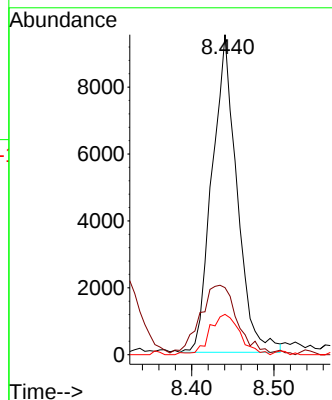
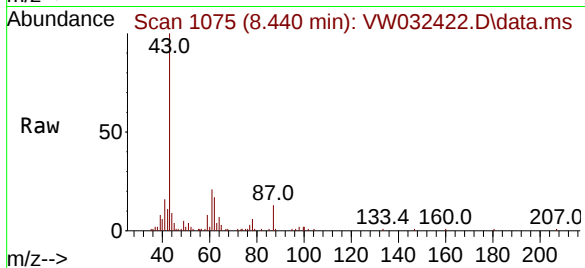
Tgt Ion: 43 Resp: 19973

Ion Ratio Lower Upper

43 100

61 32.8 22.6 33.8

87 15.4 10.6 15.8



#44

Trichloroethene

Concen: 2.559 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. -0.000 min

Lab File: VW032422.D

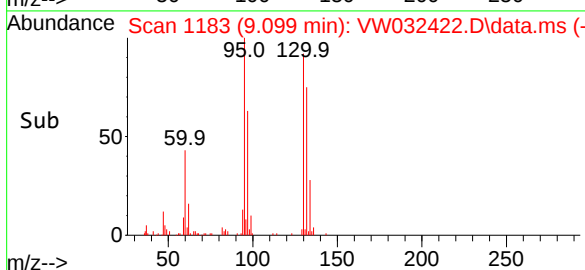
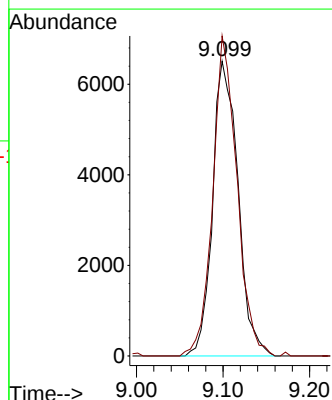
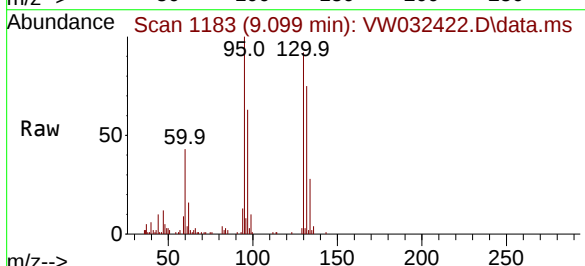
Acq: 11 Nov 2025 12:06

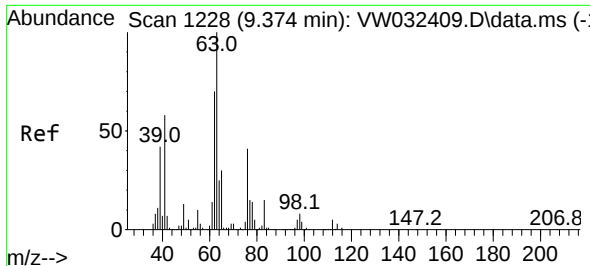
Tgt Ion: 130 Resp: 13269

Ion Ratio Lower Upper

130 100

95 108.6 0.0 209.6





#45

1,2-Dichloropropane

Concen: 2.556 ug/l

RT: 9.379 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

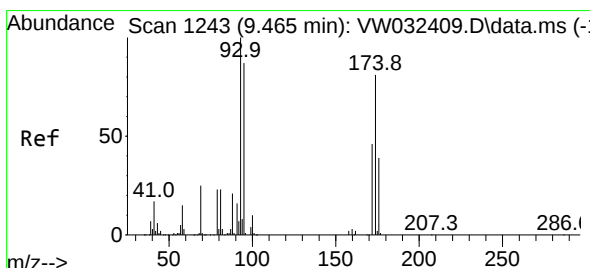
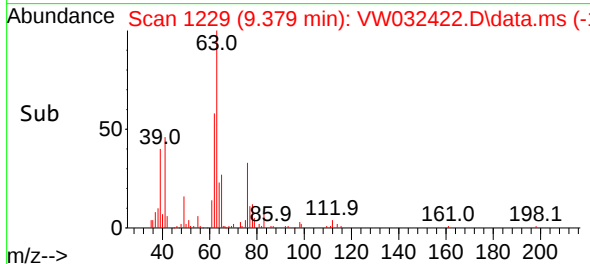
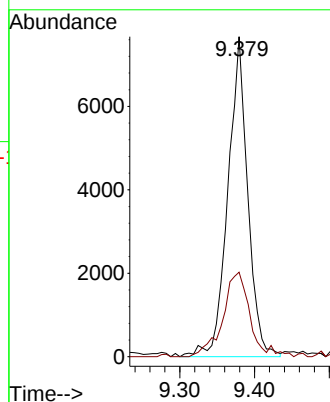
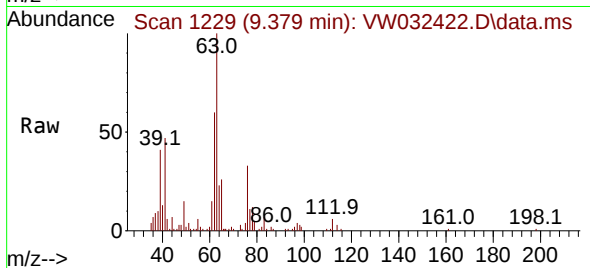
ClientSampleId :

Tgt Ion: 63 Resp: 14179

Ion Ratio Lower Upper

63 100

65 26.4 24.4 36.6



#46

Dibromomethane

Concen: 2.487 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

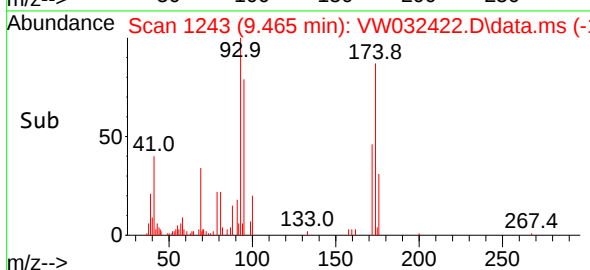
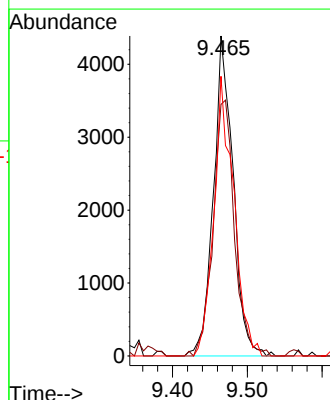
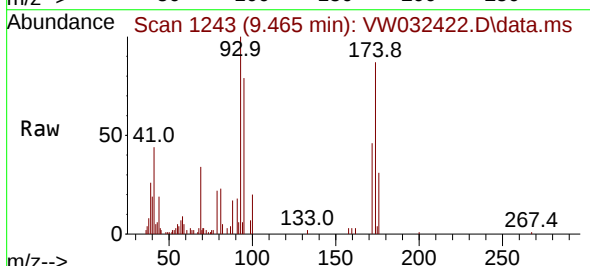
Tgt Ion: 93 Resp: 8063

Ion Ratio Lower Upper

93 100

95 86.0 67.1 100.7

174 88.2 68.2 102.4

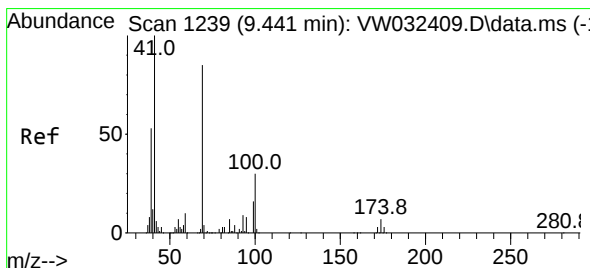
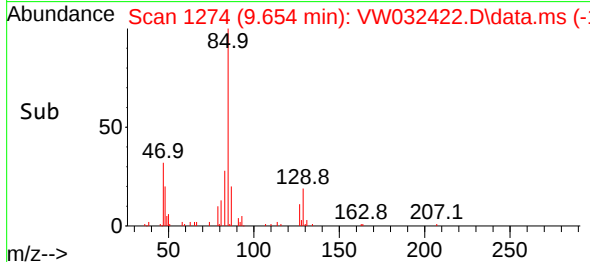
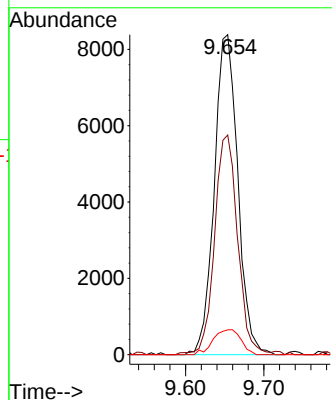
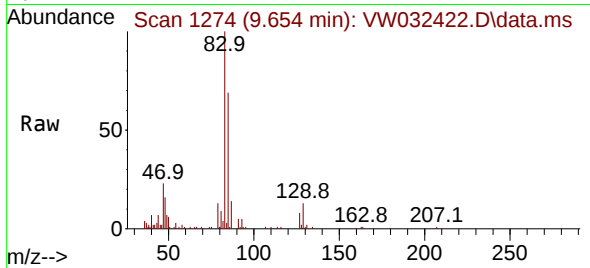




#47
Bromodichloromethane
Concen: 2.367 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

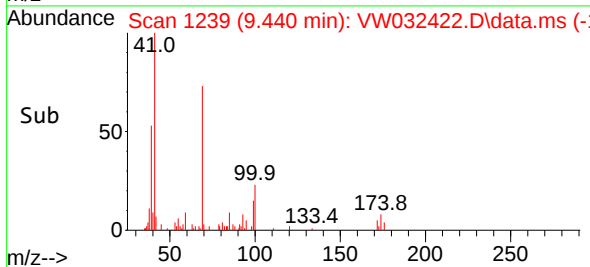
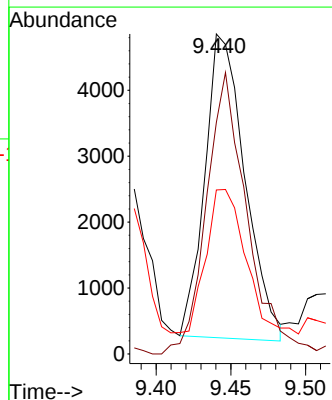
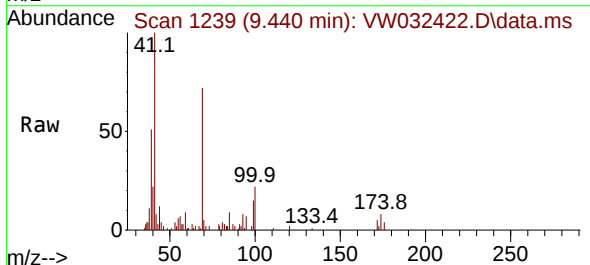
Instrument :
MSVOA_W
ClientSampleId :

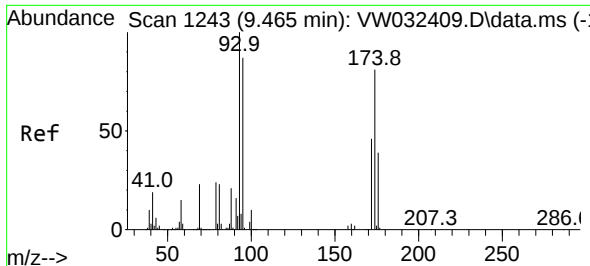
Tgt Ion: 83 Resp: 17501
Ion Ratio Lower Upper
83 100
85 68.1 48.7 73.1
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 1.989 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

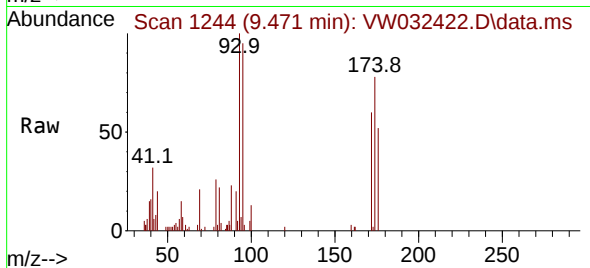
Tgt Ion: 41 Resp: 8608
Ion Ratio Lower Upper
41 100
69 93.3 65.8 98.6
39 59.0 38.6 57.8#



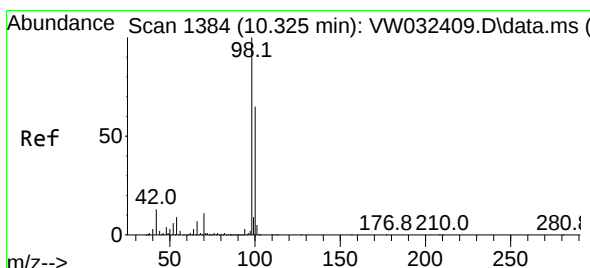
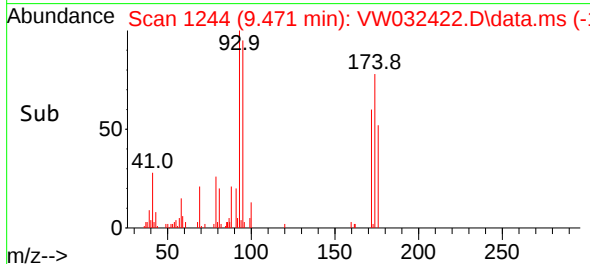
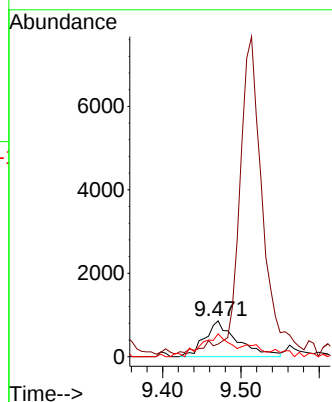


#49
1,4-Dioxane
Concen: 54.804 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Instrument :
MSVOA_W
ClientSampleId :

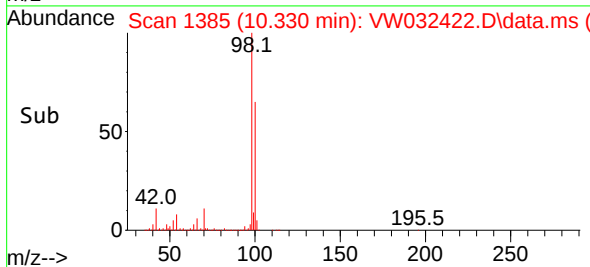
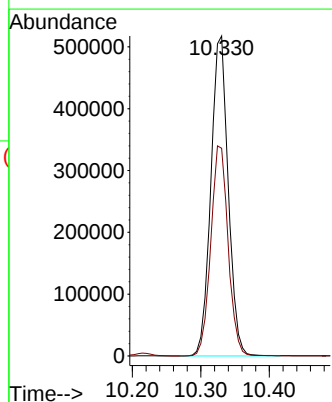
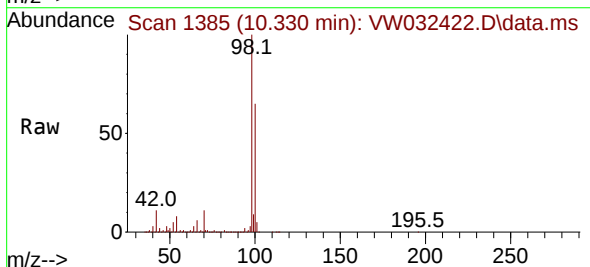


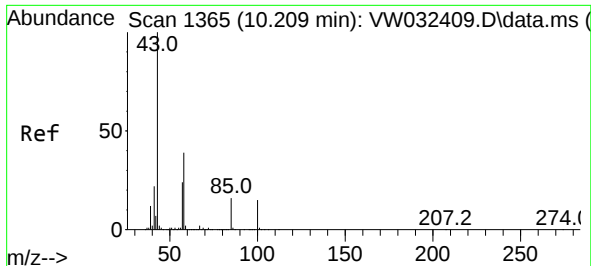
Tgt Ion: 88 Resp: 2489
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 53.9 63.0 94.4#



#50
Toluene-d8
Concen: 50.481 ug/l
RT: 10.330 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 98 Resp: 909369
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 11.020 ug/l

RT: 10.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

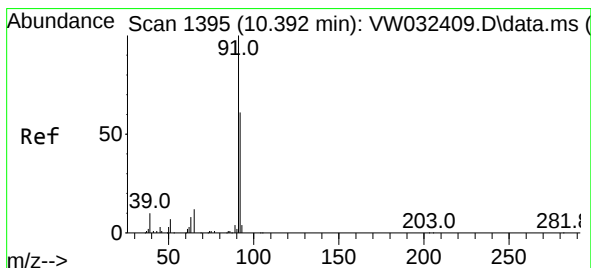
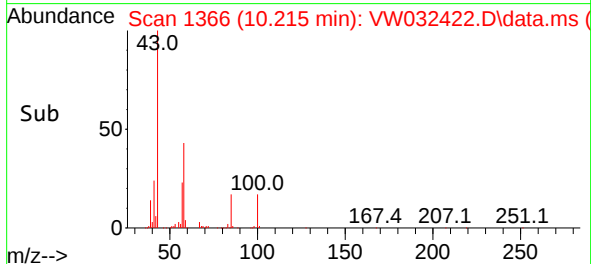
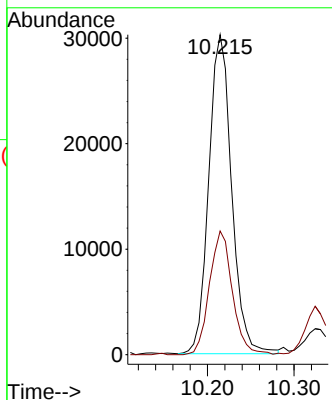
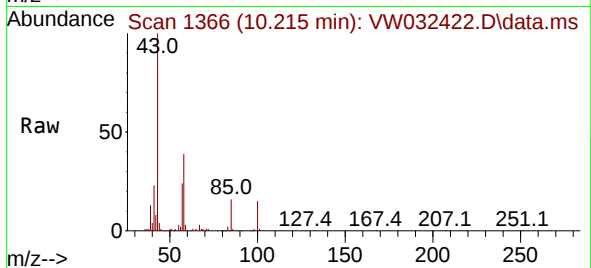
ClientSampleId :

Tgt Ion: 43 Resp: 55497

Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2



#52

Toluene

Concen: 2.543 ug/l

RT: 10.391 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VW032422.D

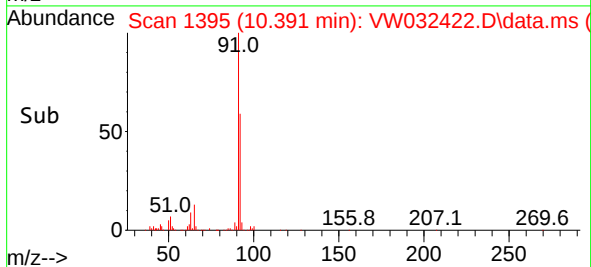
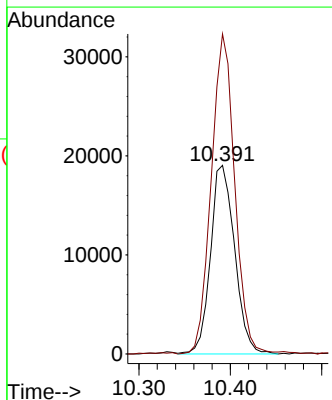
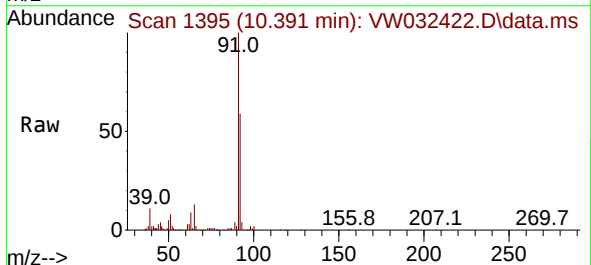
Acq: 11 Nov 2025 12:06

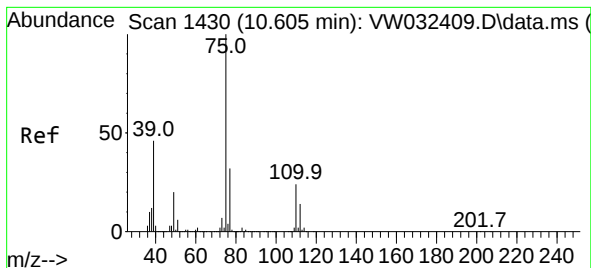
Tgt Ion: 92 Resp: 34992

Ion Ratio Lower Upper

92 100

91 165.8 136.6 205.0

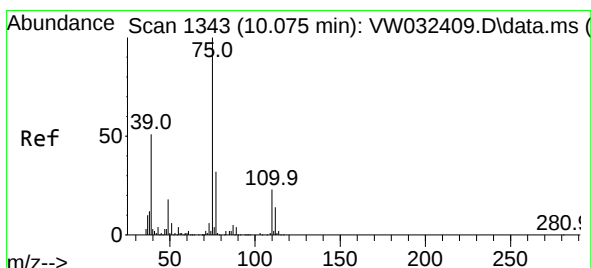
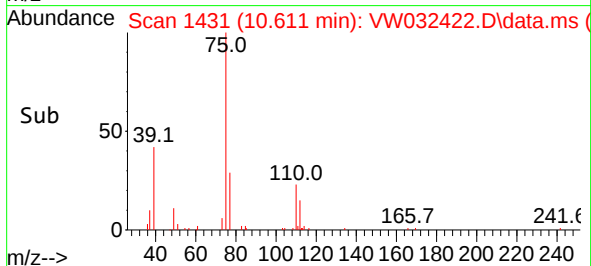
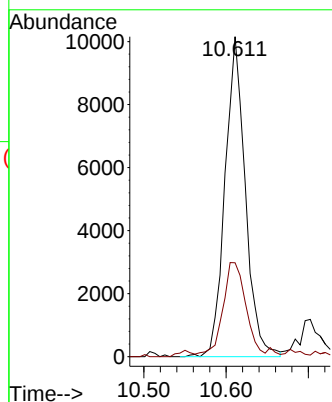
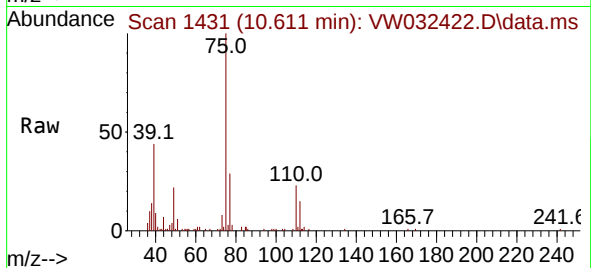




#53
 t-1,3-Dichloropropene
 Concen: 2.293 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

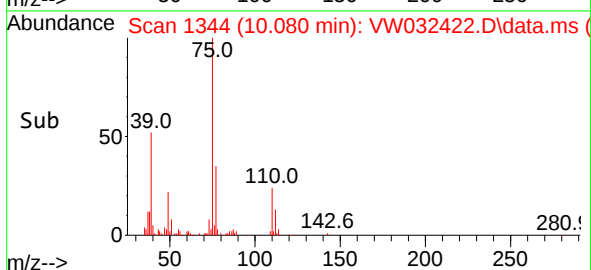
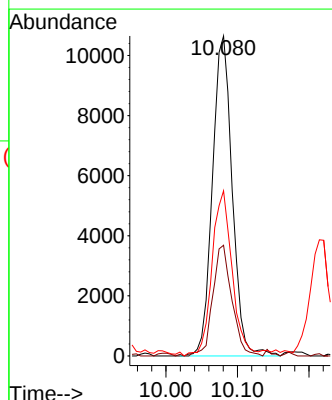
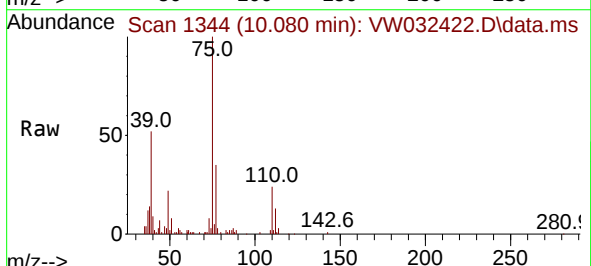
Instrument :
 MSVOA_W
 ClientSampleId :

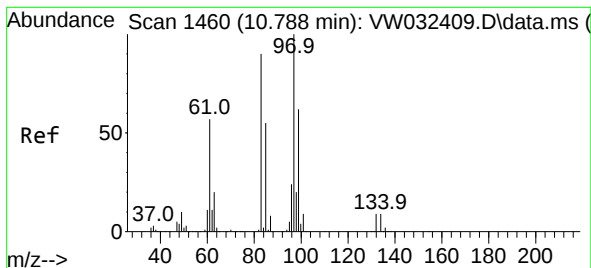
Tgt Ion: 75 Resp: 17465
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.324 ug/l
 RT: 10.080 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

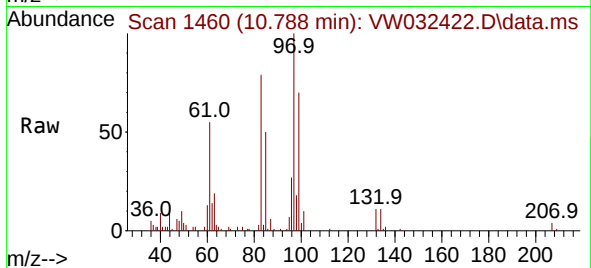
Tgt Ion: 75 Resp: 20473
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.6 38.4
 39 50.5 40.7 61.1



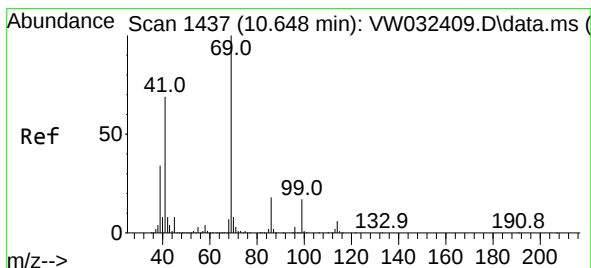
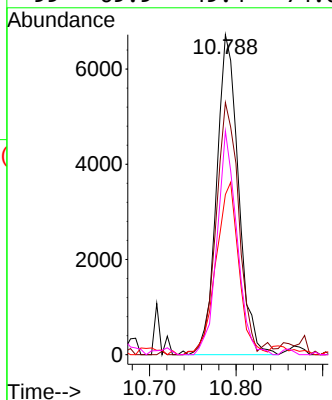
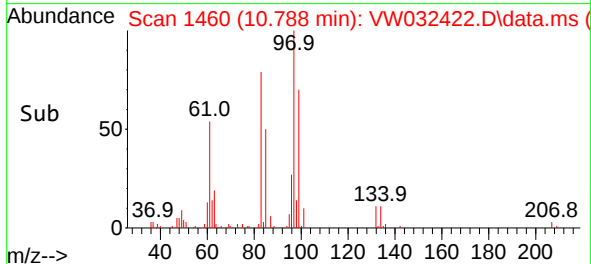


#55
1,1,2-Trichloroethane
Concen: 2.667 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

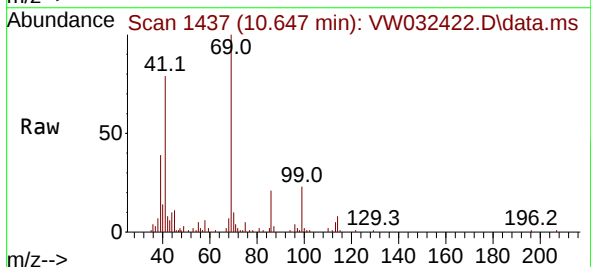
Instrument :
MSVOA_W
ClientSampleId :



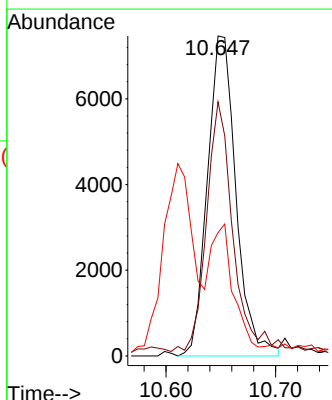
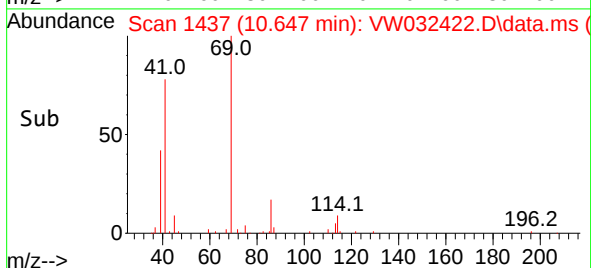
Tgt Ion:	97	Resp:	11863
Ion	Ratio	Lower	Upper
97	100		
83	78.8	72.2	108.4
85	50.0	43.8	65.8
99	69.9	49.4	74.0

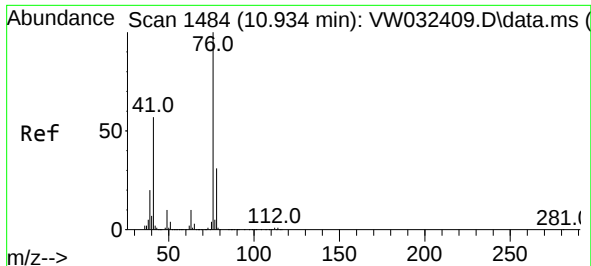


#56
Ethyl methacrylate
Concen: 1.985 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06



Tgt Ion:	69	Resp:	13548
Ion	Ratio	Lower	Upper
69	100		
41	72.8	54.4	81.6
39	29.7	25.4	38.0

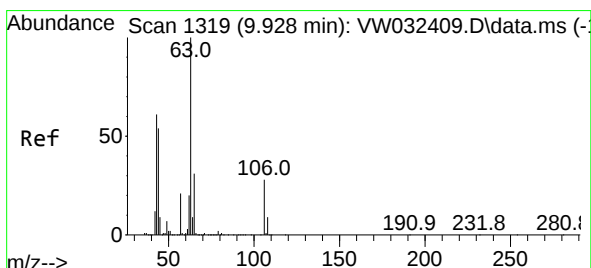
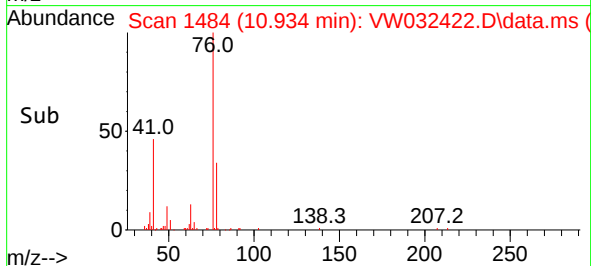
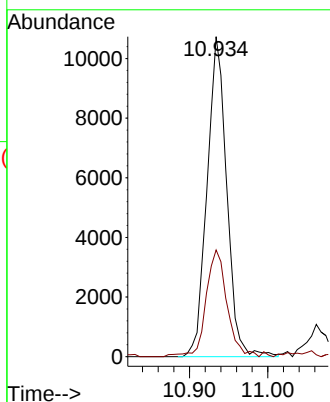
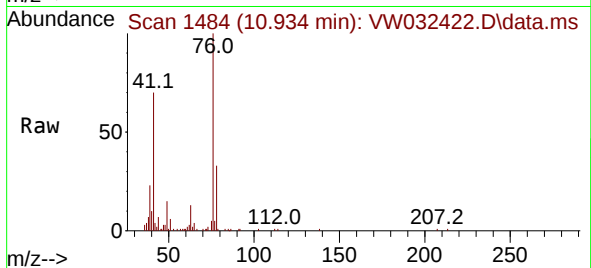




#57
 1,3-Dichloropropane
 Concen: 2.357 ug/l
 RT: 10.934 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

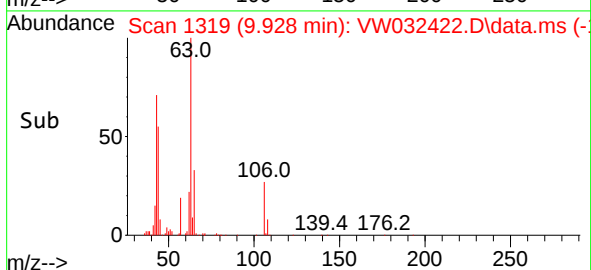
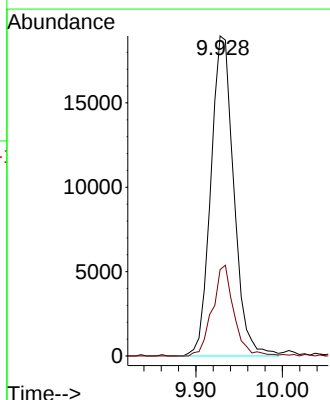
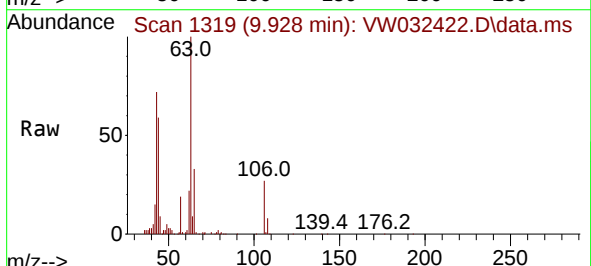
Instrument :
 MSVOA_W
 ClientSampleId :

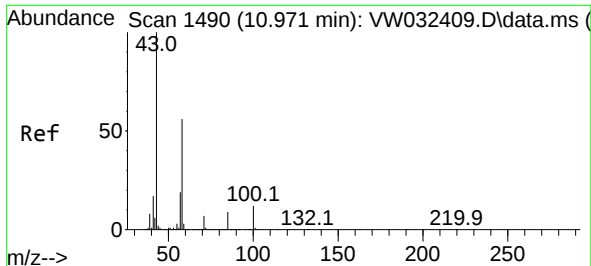
Tgt Ion: 76 Resp: 18720
 Ion Ratio Lower Upper
 76 100
 78 35.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 9.642 ug/l
 RT: 9.928 min Scan# 1319
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion: 63 Resp: 35038
 Ion Ratio Lower Upper
 63 100
 106 26.3 22.0 33.0

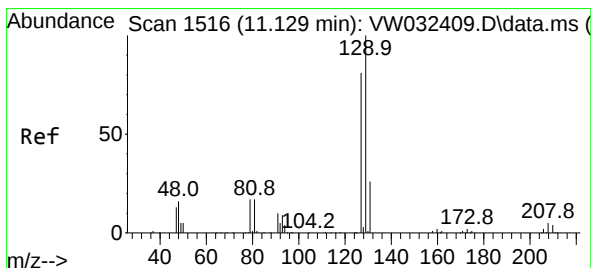
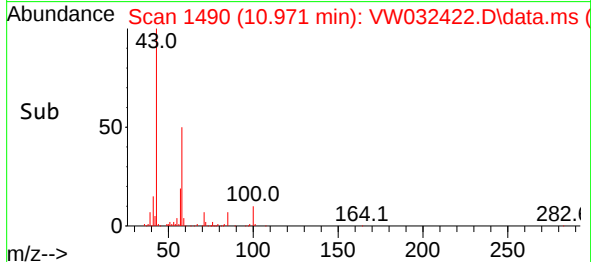
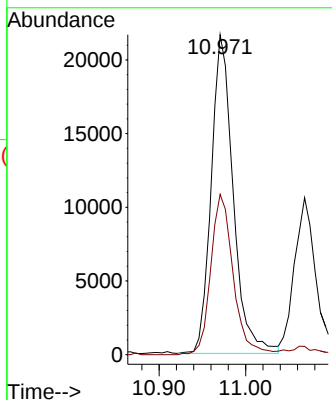
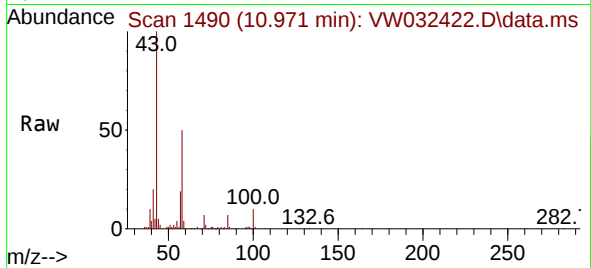




#59
2-Hexanone
Concen: 10.353 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

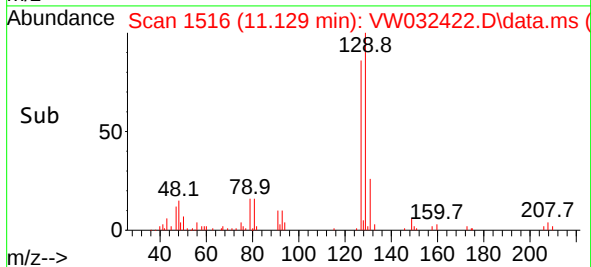
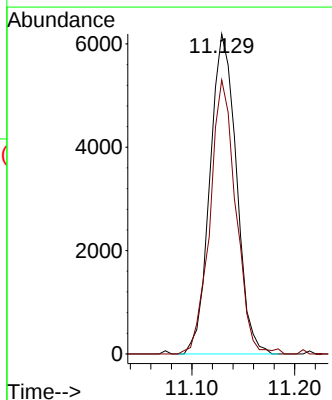
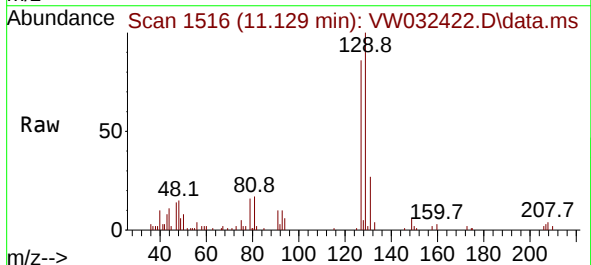
Instrument :
MSVOA_W
ClientSampleId :

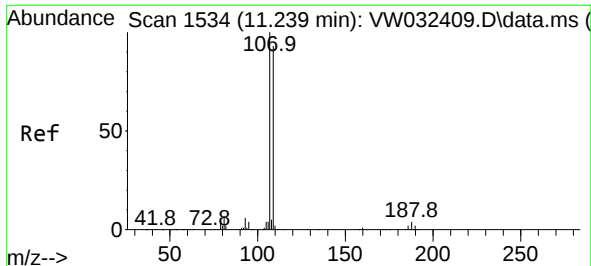
Tgt Ion: 43 Resp: 38146
Ion Ratio Lower Upper
43 100
58 51.2 27.4 82.2



#60
Dibromochloromethane
Concen: 2.226 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion:129 Resp: 11054
Ion Ratio Lower Upper
129 100
127 83.7 39.2 117.6

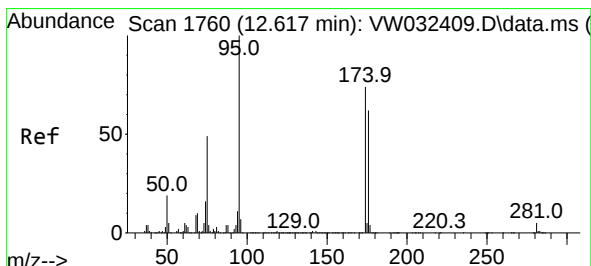
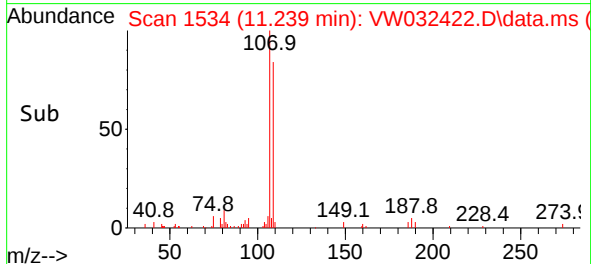
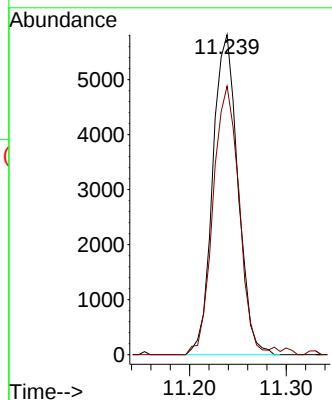
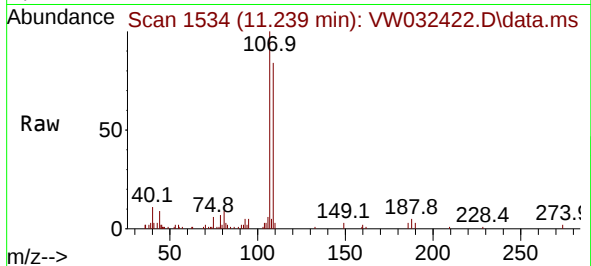




#61
1,2-Dibromoethane
Concen: 2.429 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

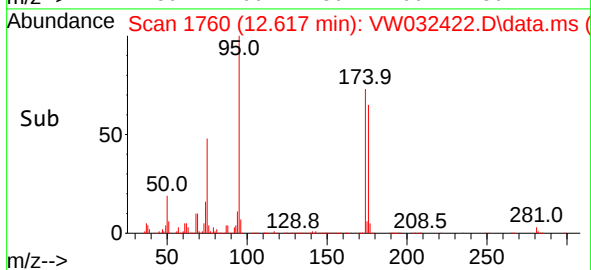
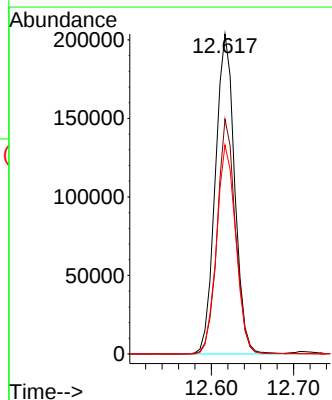
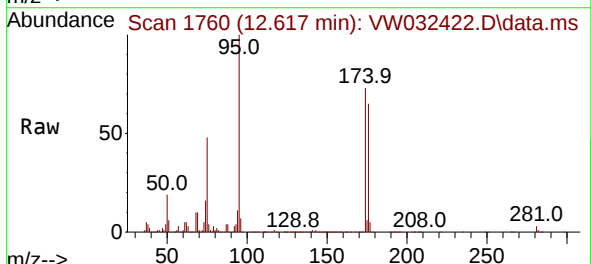
Instrument :
MSVOA_W
ClientSampleId :

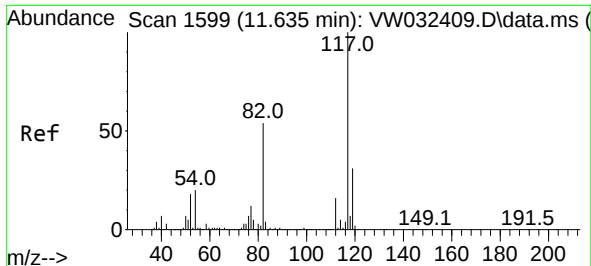
Tgt Ion:107 Resp: 10521
Ion Ratio Lower Upper
107 100
109 86.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.828 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 95 Resp: 332276
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.4
176 65.1 0.0 131.8

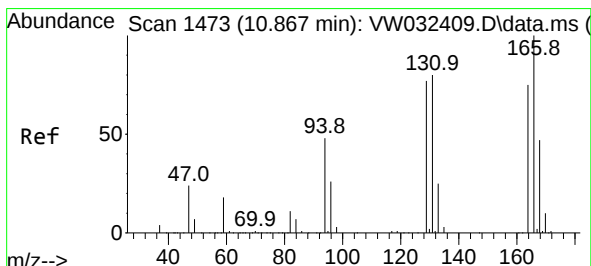
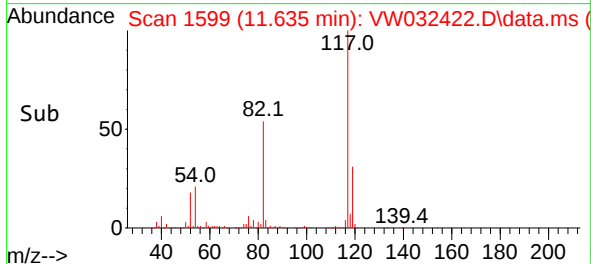
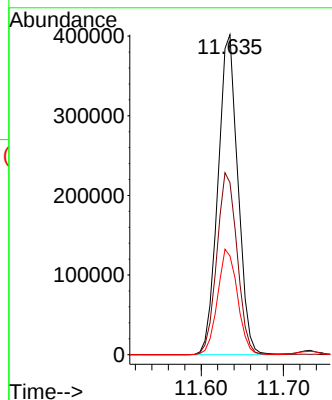
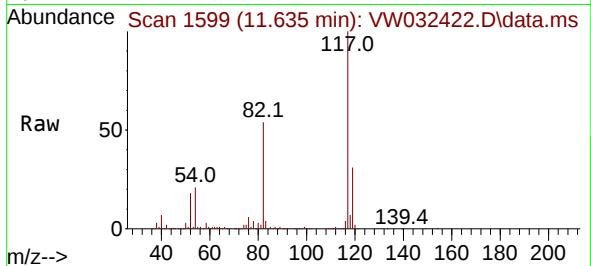




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

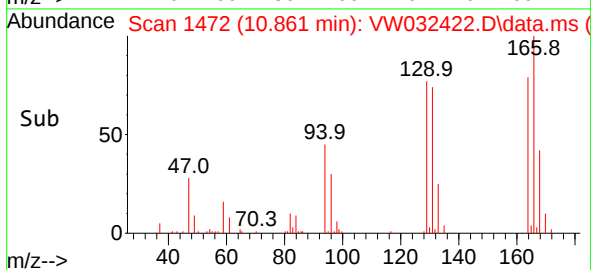
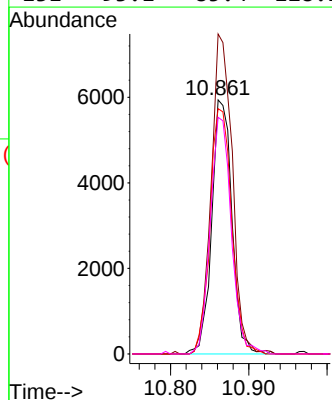
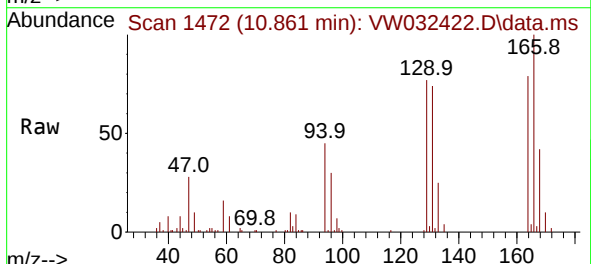
Instrument :
MSVOA_W
ClientSampleId :

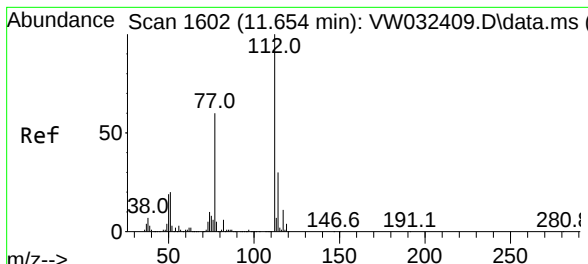
Tgt Ion:117 Resp: 676768
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 30.8 25.0 37.6



#64
Tetrachloroethene
Concen: 2.651 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion:164 Resp: 10625
Ion Ratio Lower Upper
164 100
166 126.0 107.0 160.4
129 96.5 82.9 124.3
131 93.1 85.4 128.2



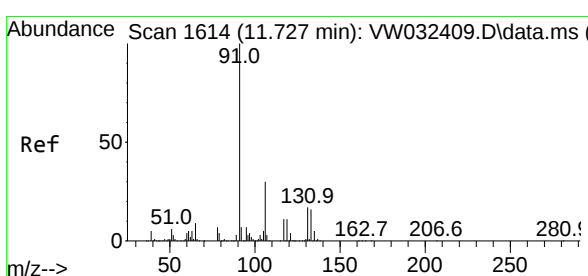
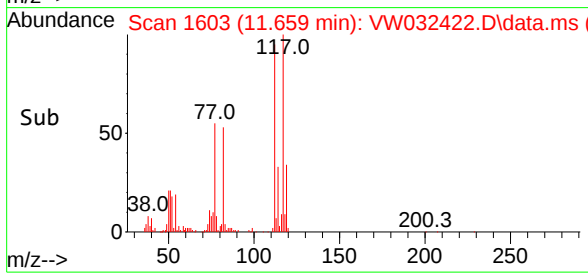
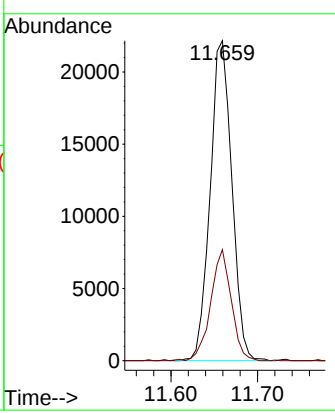
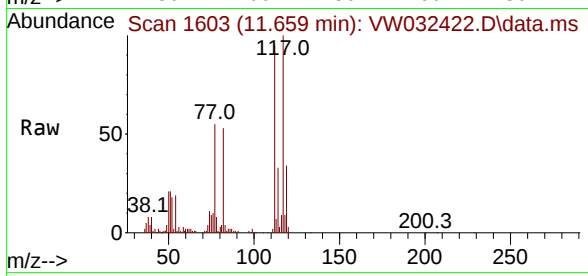


#65
Chlorobenzene
Concen: 2.648 ug/l
RT: 11.659 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:112 Resp: 38626

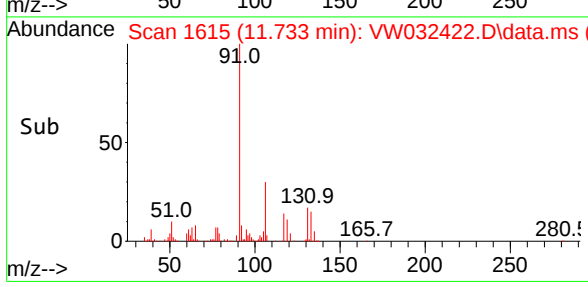
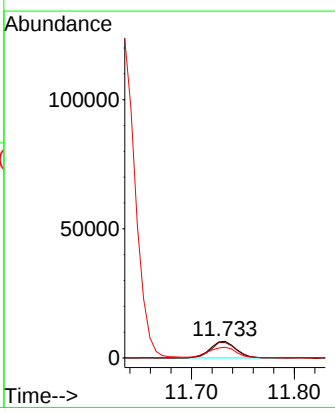
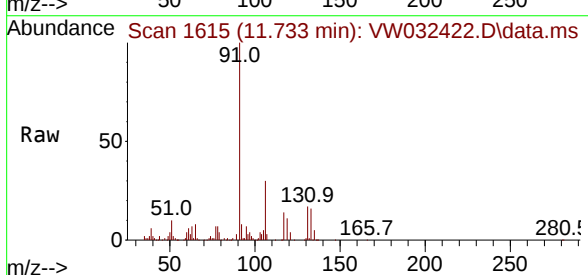
Ion	Ratio	Lower	Upper
112	100		
114	34.5	24.4	36.6

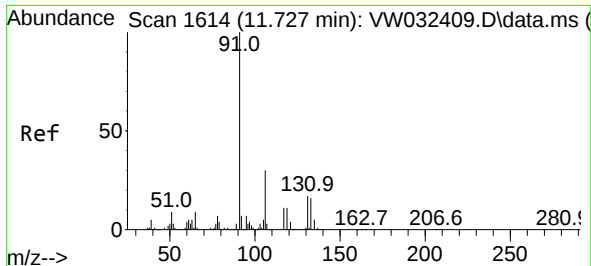


#66
1,1,1,2-Tetrachloroethane
Concen: 2.470 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion:131 Resp: 11150

Ion	Ratio	Lower	Upper
131	100		
133	95.0	46.9	140.6
119	70.4	33.4	100.2





#67

Ethyl Benzene

Concen: 2.461 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

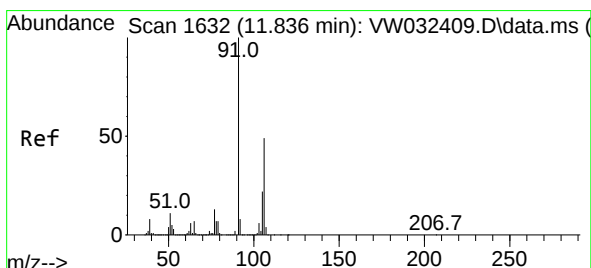
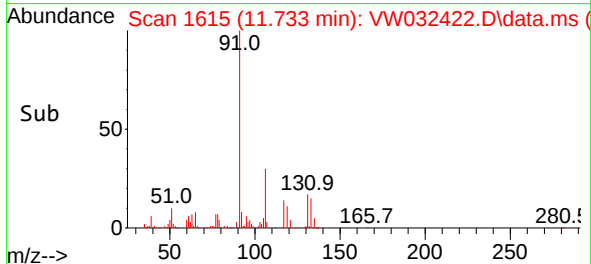
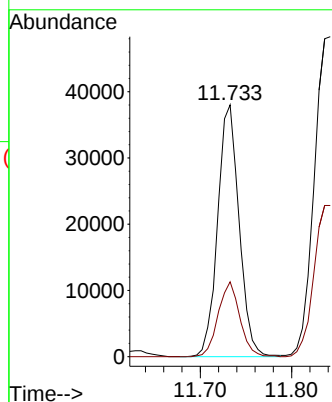
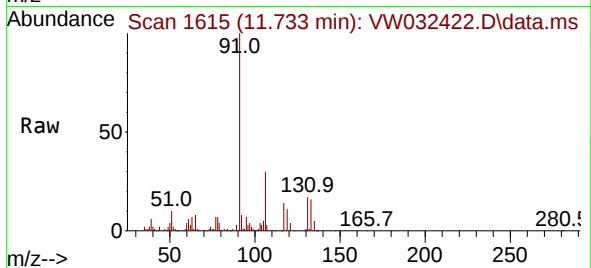
ClientSampleId :

Tgt Ion: 91 Resp: 62102

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2



#68

m/p-Xylenes

Concen: 4.879 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032422.D

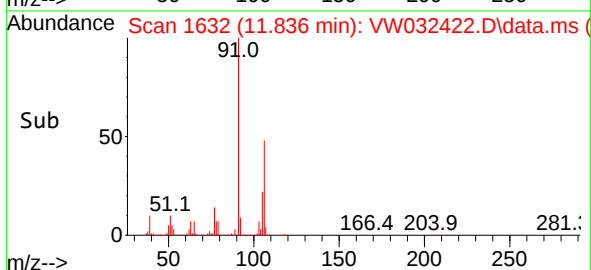
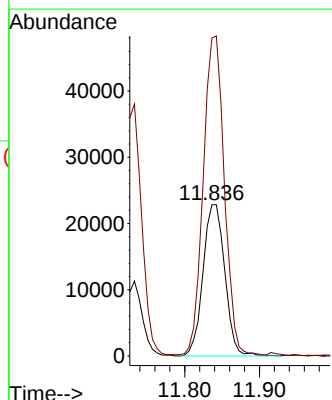
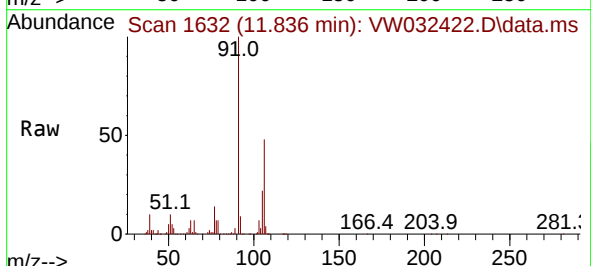
Acq: 11 Nov 2025 12:06

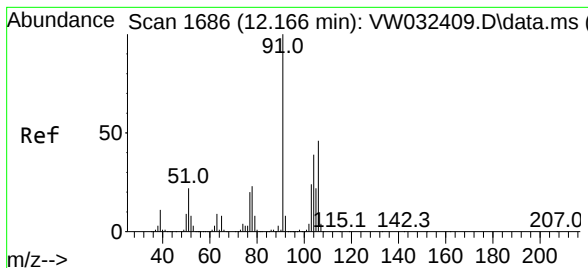
Tgt Ion: 106 Resp: 46239

Ion Ratio Lower Upper

106 100

91 203.7 165.5 248.3

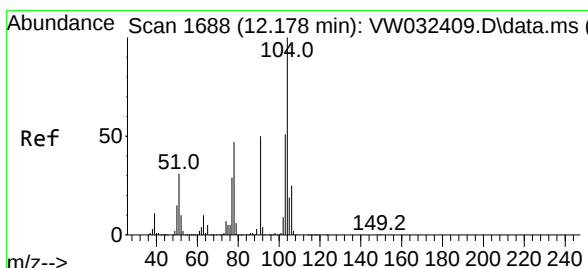
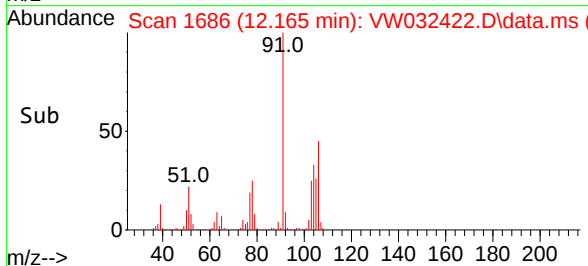
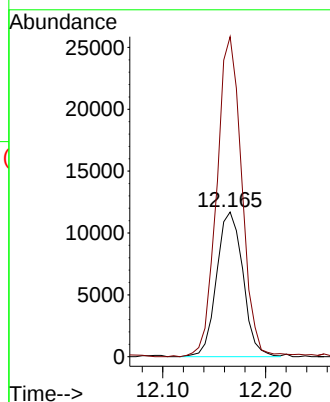
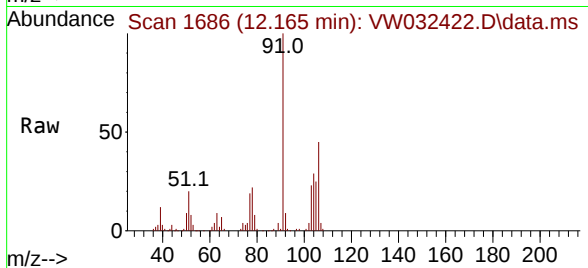




#69
o-Xylene
Concen: 2.288 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

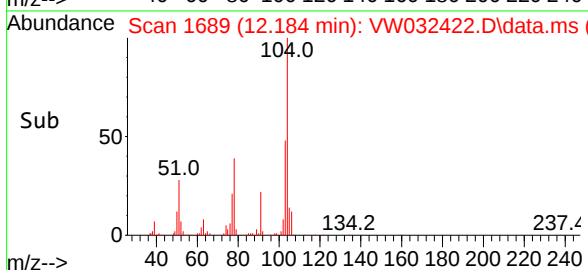
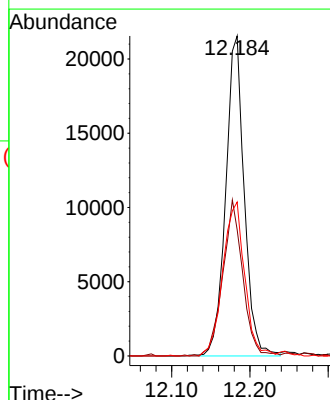
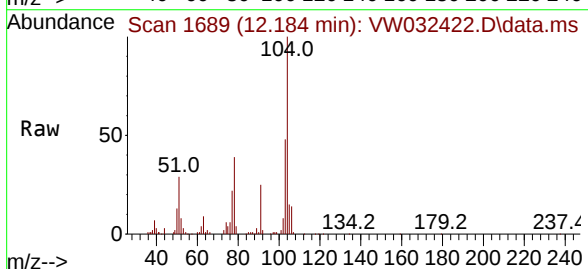
Instrument :
MSVOA_W
ClientSampleId :

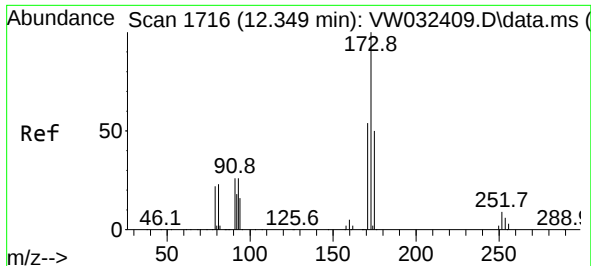
Tgt Ion:106 Resp: 20761
Ion Ratio Lower Upper
106 100
91 212.1 109.3 327.8



#70
Styrene
Concen: 2.273 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

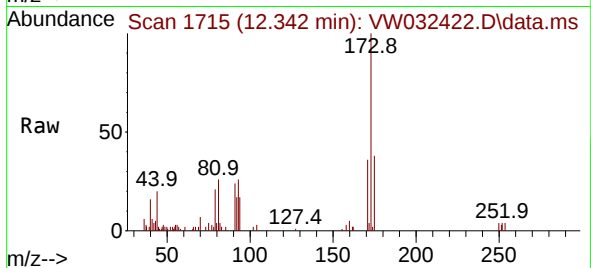
Tgt Ion:104 Resp: 35477
Ion Ratio Lower Upper
104 100
78 52.1 40.7 61.1
103 56.6 43.9 65.9



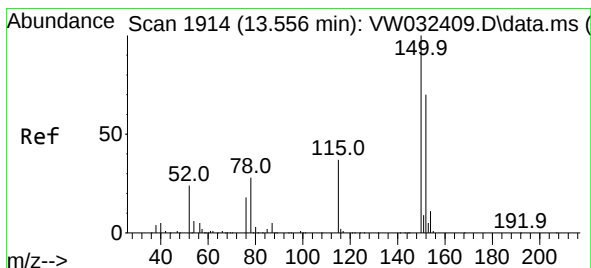
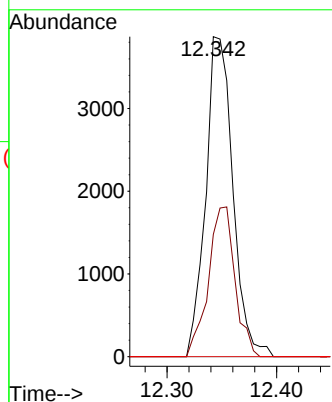
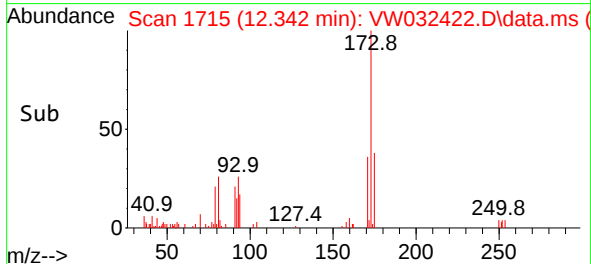


#71
Bromoform
Concen: 2.492 ug/l
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

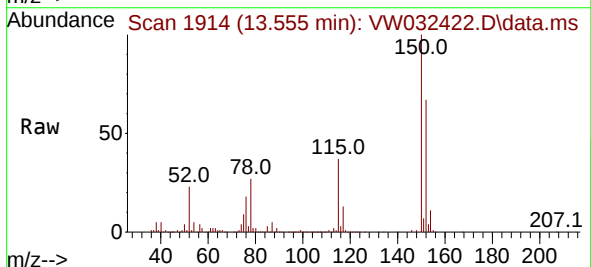
Instrument :
MSVOA_W
ClientSampleId :



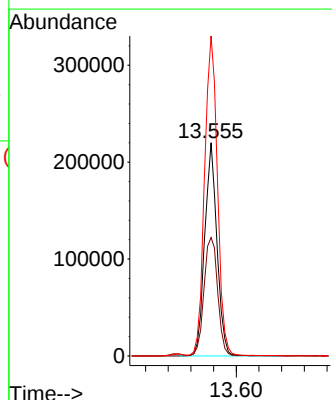
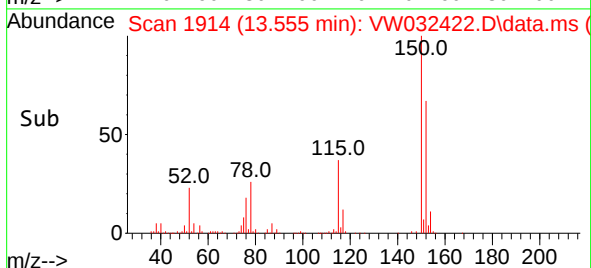
Tgt Ion:173 Resp: 6663
Ion Ratio Lower Upper
173 100
175 45.8 25.1 75.2
254 0.0 0.1 0.1#

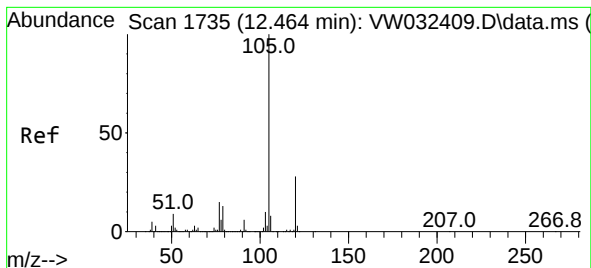


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06



Tgt Ion:152 Resp: 330211
Ion Ratio Lower Upper
152 100
115 61.4 32.8 98.3
150 157.0 0.0 356.6





#73

Isopropylbenzene

Concen: 2.124 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

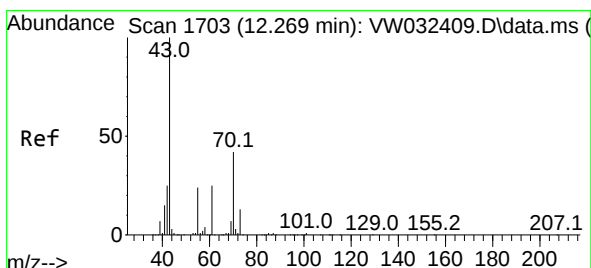
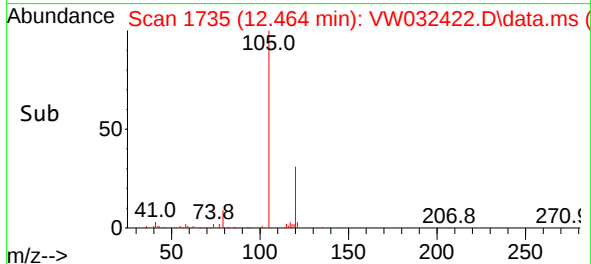
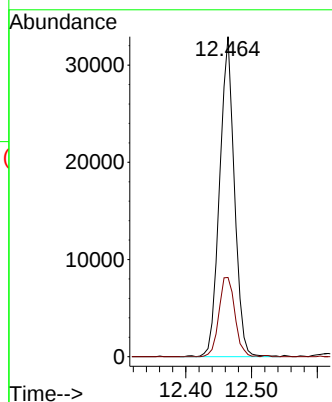
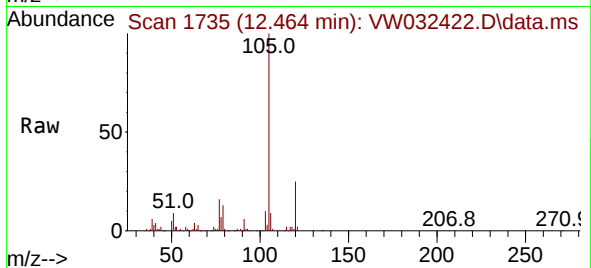
ClientSampleId :

Tgt Ion:105 Resp: 51503

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 1.897 ug/l

RT: 12.275 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Tgt Ion: 43 Resp: 15984

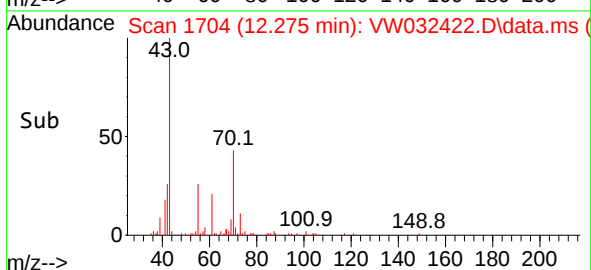
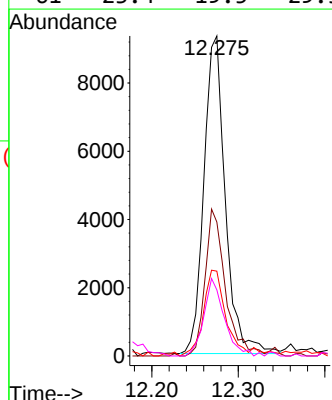
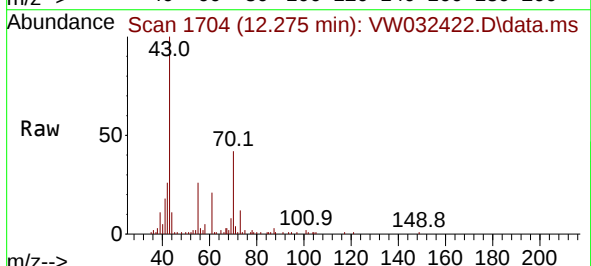
Ion Ratio Lower Upper

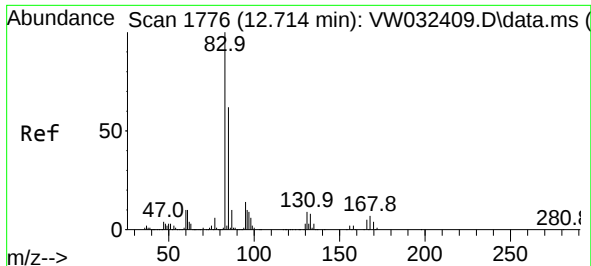
43 100

70 43.8 33.5 50.3

55 27.7 19.3 28.9

61 23.4 19.5 29.3

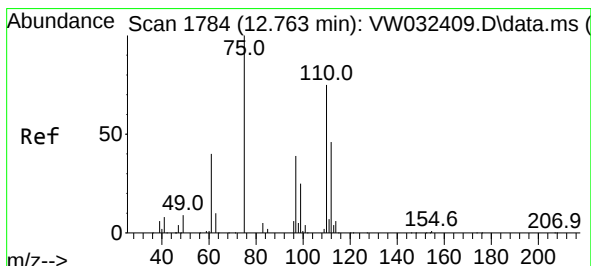
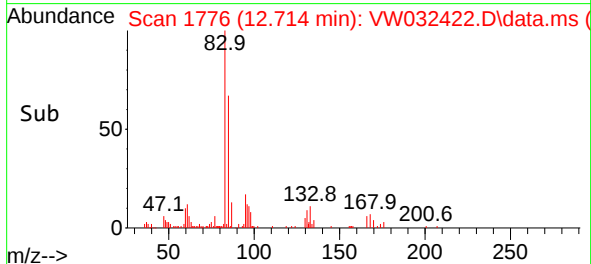
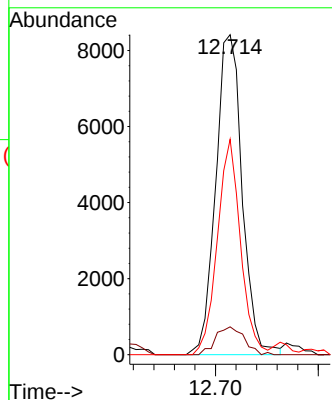
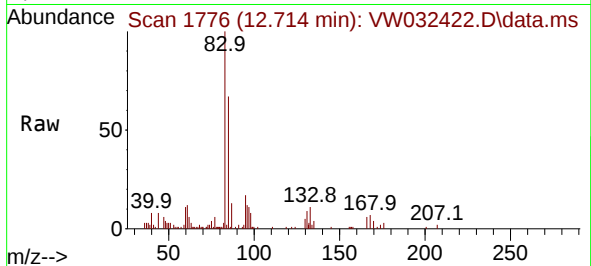




#75
1,1,2,2-Tetrachloroethane
Concen: 2.610 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

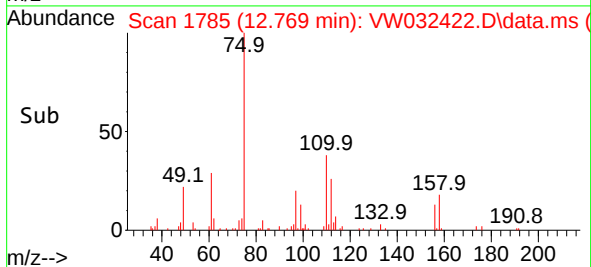
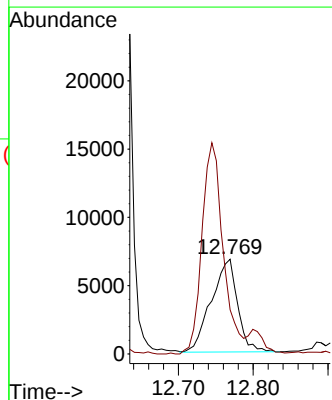
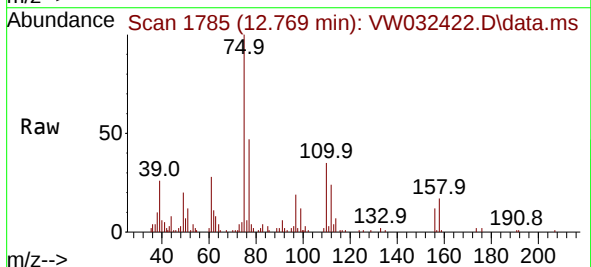
Instrument :
MSVOA_W
ClientSampleId :

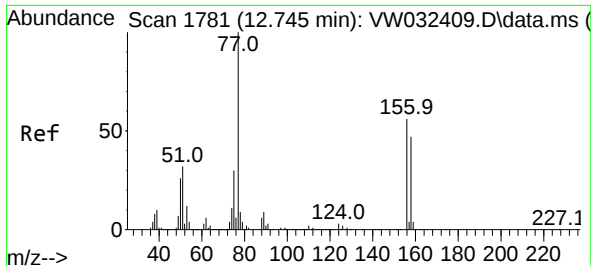
Tgt Ion: 83 Resp: 15024
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 58.9 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 3.664 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 75 Resp: 16591
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

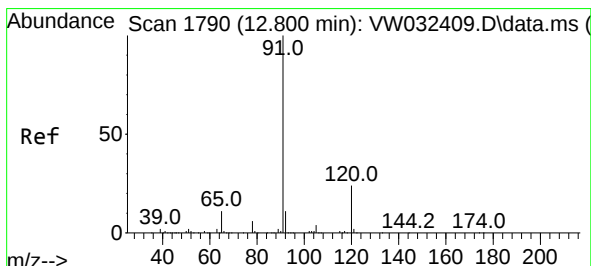
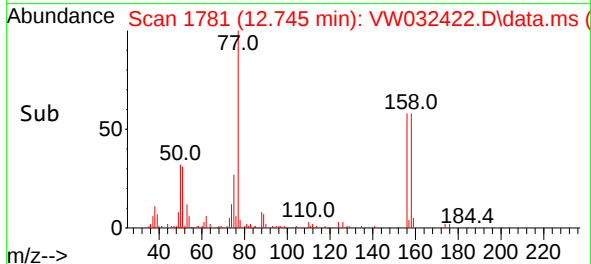
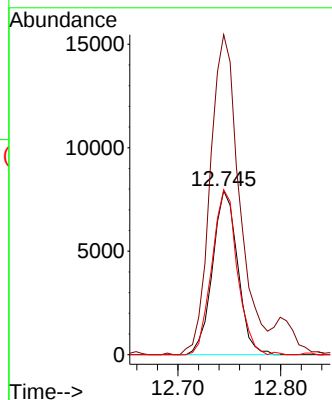
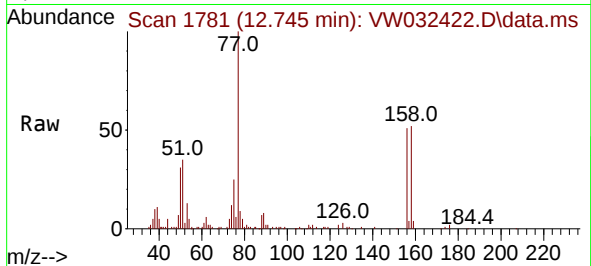




#77
Bromobenzene
Concen: 2.339 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

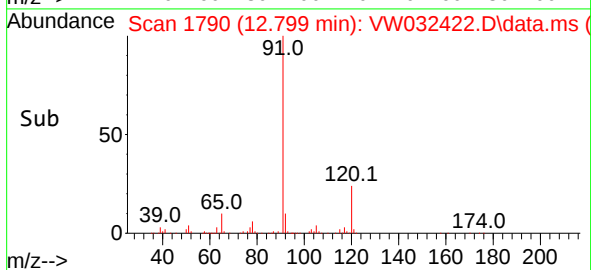
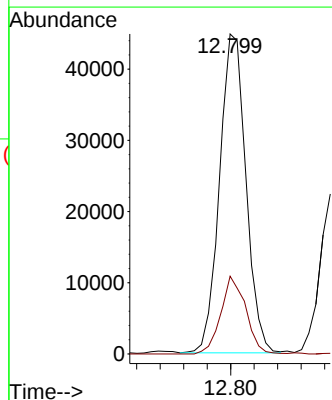
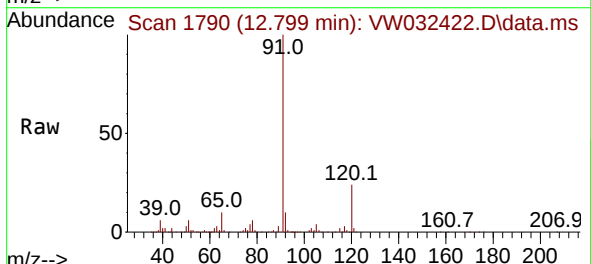
Instrument :
MSVOA_W
ClientSampleId :

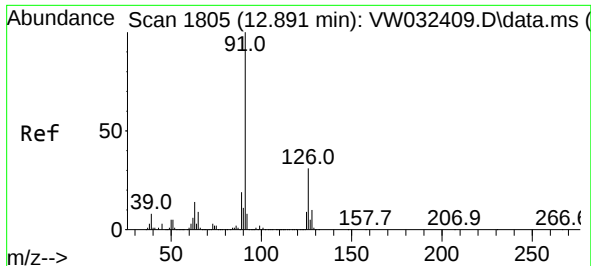
Tgt Ion:156 Resp: 13431
Ion Ratio Lower Upper
156 100
77 227.1 108.0 324.0
158 101.9 45.1 135.5



#78
n-propylbenzene
Concen: 2.364 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 91 Resp: 69819
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

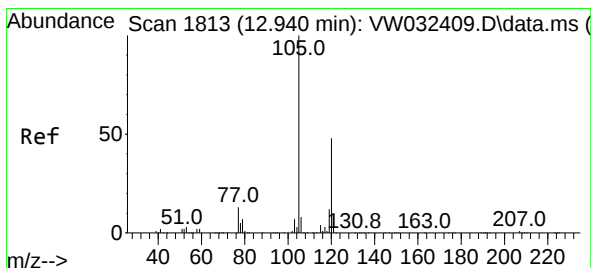
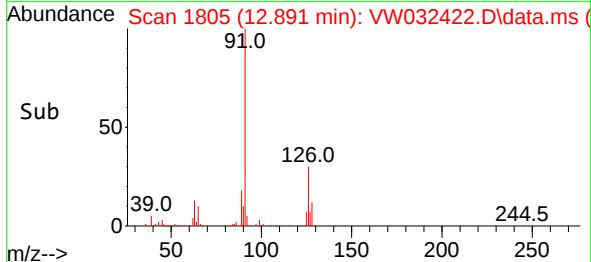
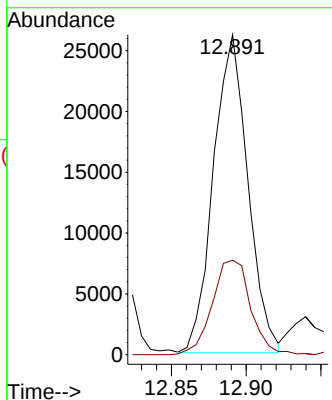
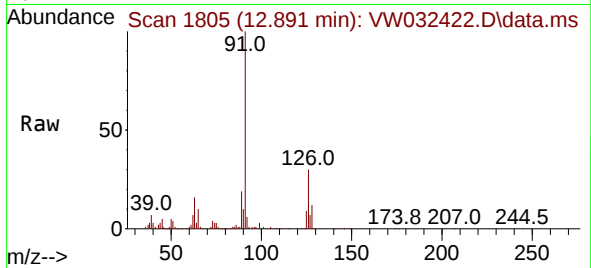




#79
2-Chlorotoluene
Concen: 2.323 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

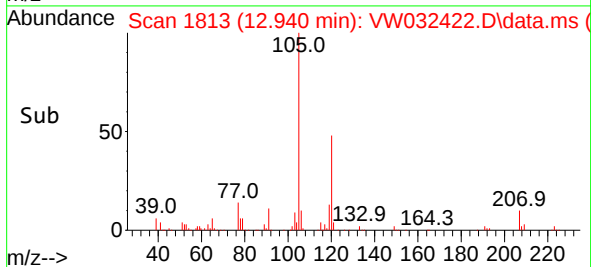
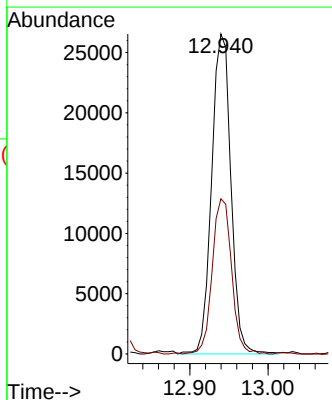
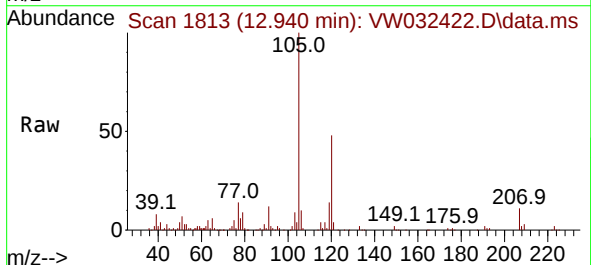
Instrument :
MSVOA_W
ClientSampleId :

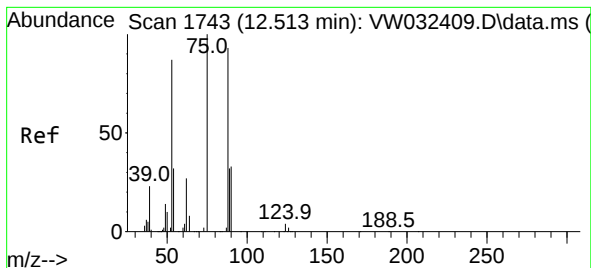
Tgt Ion: 91 Resp: 41885
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 2.269 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 105 Resp: 45406
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

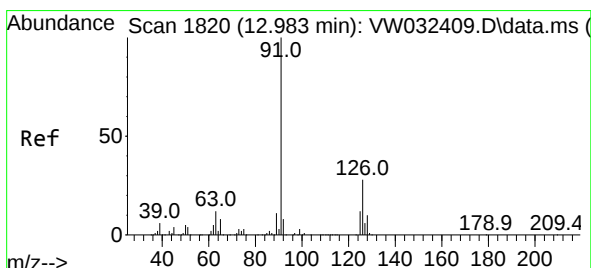
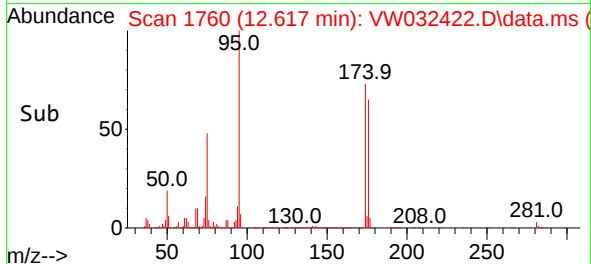
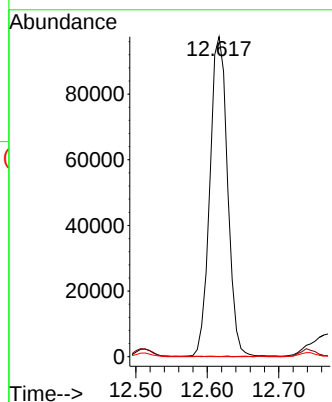
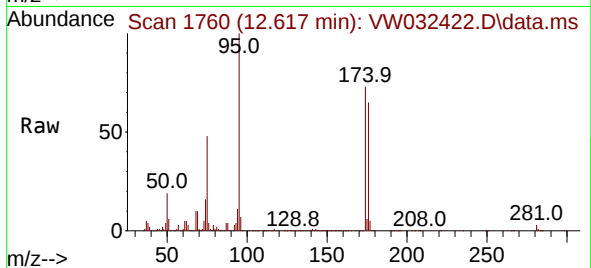




#81
trans-1,4-Dichloro-2-butene
Concen: 84.672 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.103 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

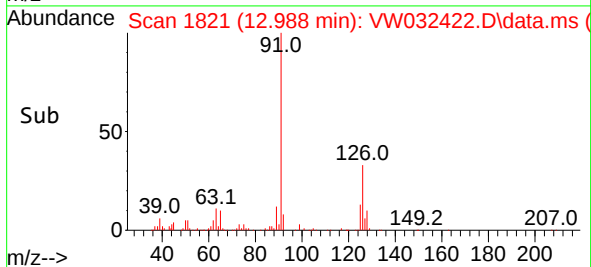
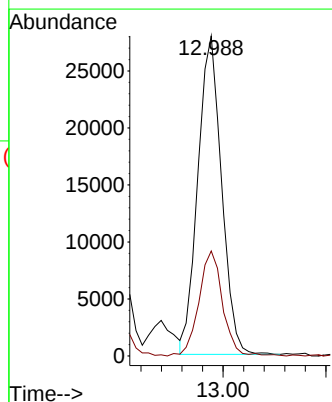
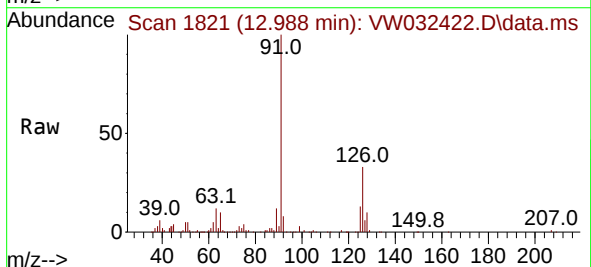
Instrument :
MSVOA_W
ClientSampleId :

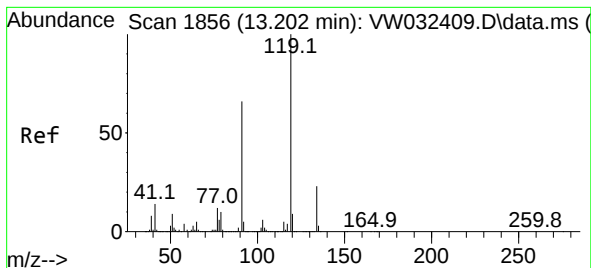
Tgt Ion: 75 Resp: 167380
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 2.384 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion: 91 Resp: 44696
Ion Ratio Lower Upper
91 100
126 33.0 15.5 46.5

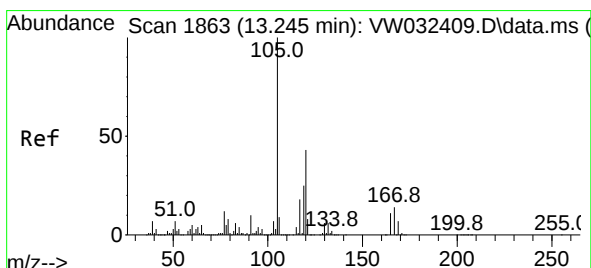
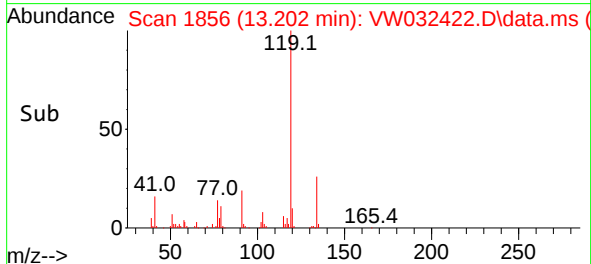
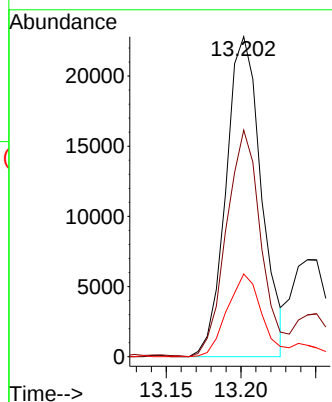
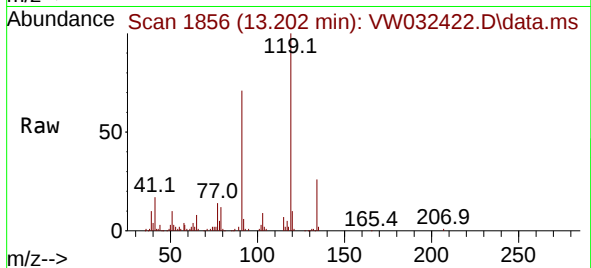




#83
tert-Butylbenzene
Concen: 2.151 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

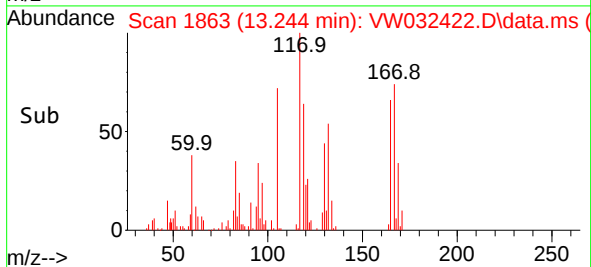
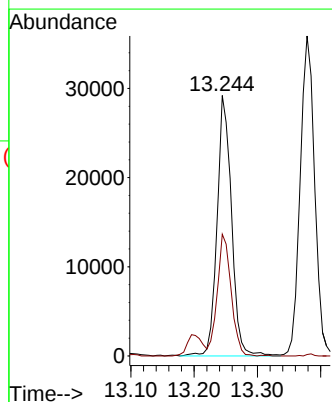
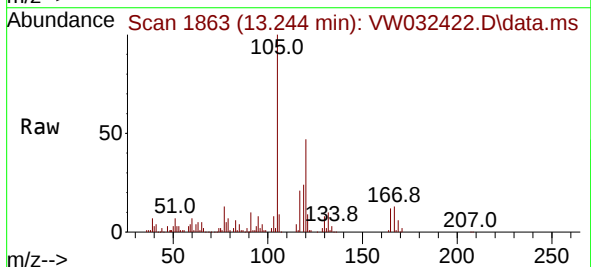
Instrument :
MSVOA_W
ClientSampleId :

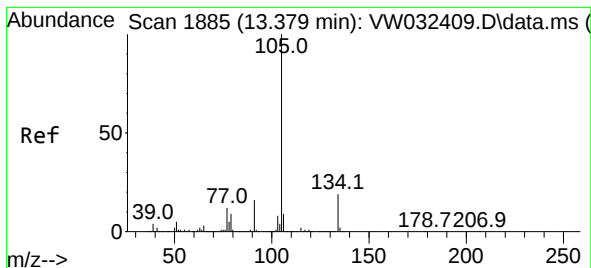
Tgt Ion:119 Resp: 37431
Ion Ratio Lower Upper
119 100
91 70.2 33.3 99.9
134 25.5 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 2.271 ug/l
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032422.D
Acq: 11 Nov 2025 12:06

Tgt Ion:105 Resp: 46218
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 2.183 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

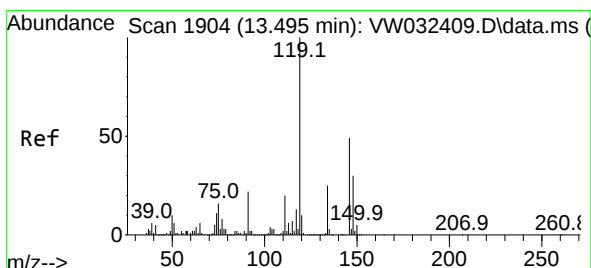
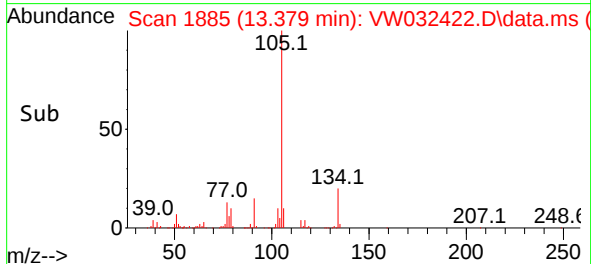
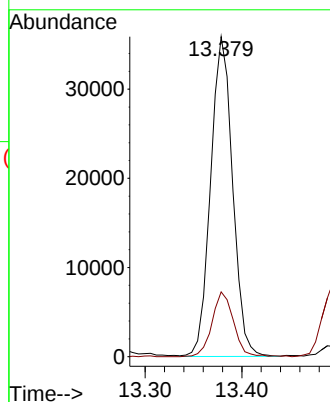
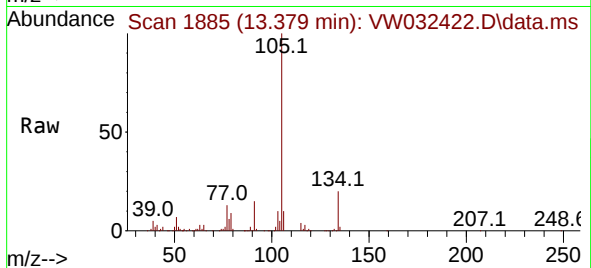
ClientSampleId :

Tgt Ion:105 Resp: 56598

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 2.129 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

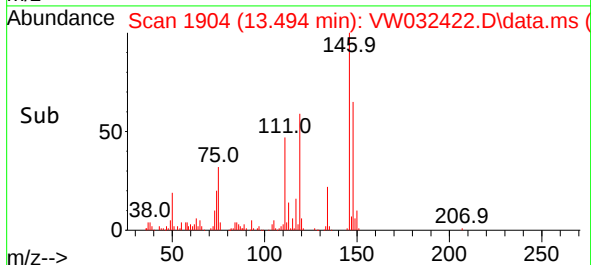
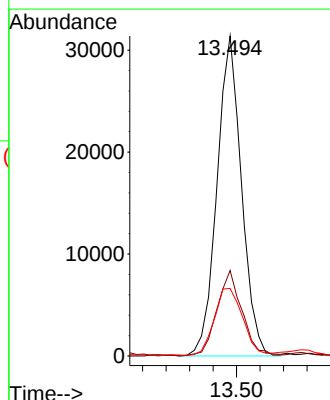
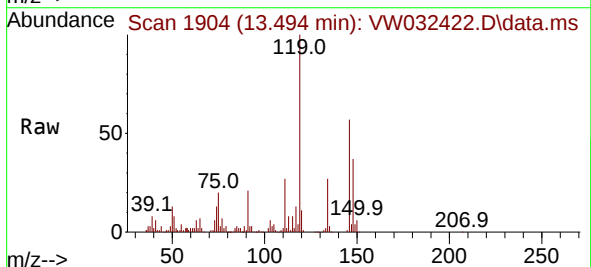
Tgt Ion:119 Resp: 45565

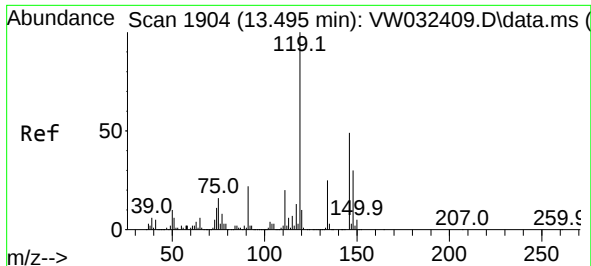
Ion Ratio Lower Upper

119 100

134 27.2 12.7 38.1

91 24.7 11.9 35.5

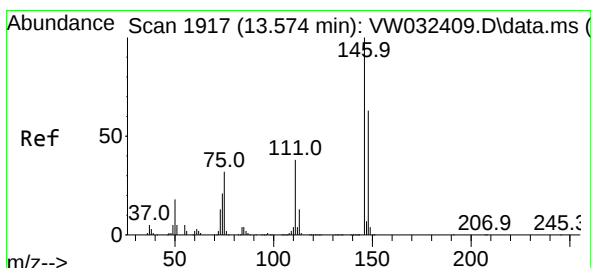
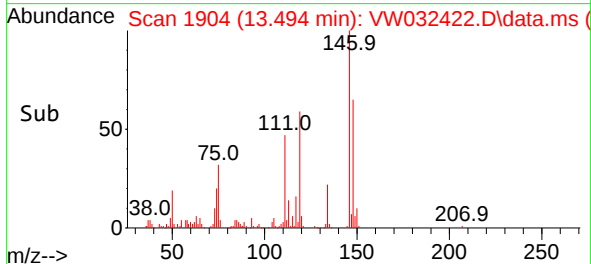
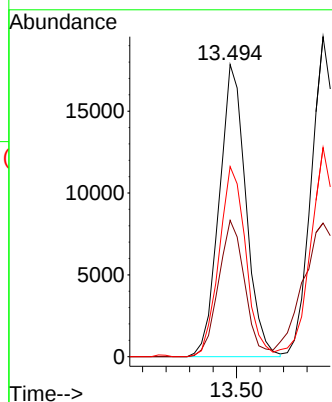
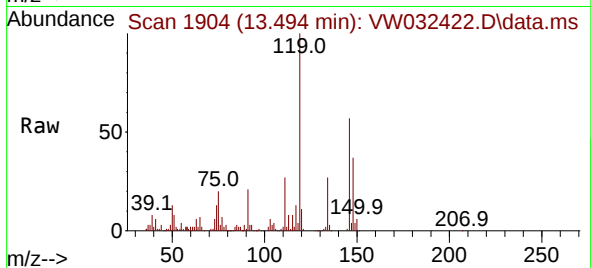




#87
 1,3-Dichlorobenzene
 Concen: 2.588 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

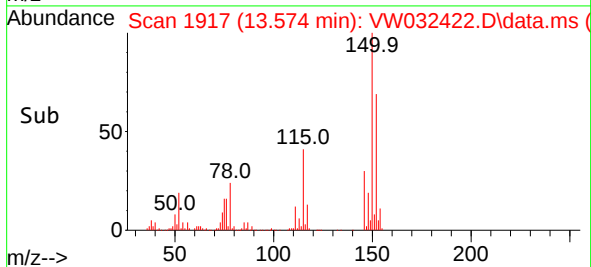
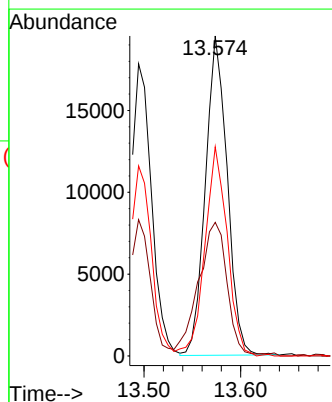
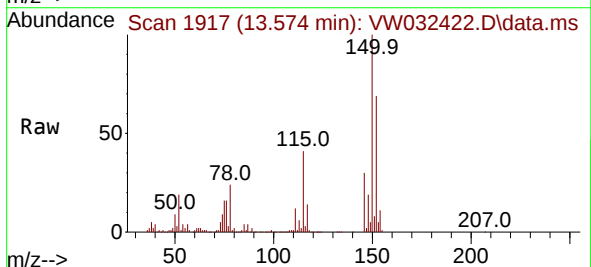
Instrument :
 MSVOA_W
 ClientSampleId :

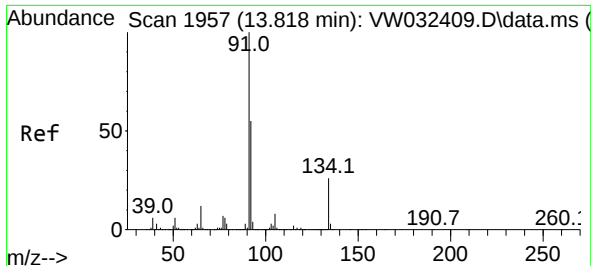
Tgt Ion:146 Resp: 28171
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.2 66.6
 148 65.0 33.4 100.1



#88
 1,4-Dichlorobenzene
 Concen: 2.745 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion:146 Resp: 30617
 Ion Ratio Lower Upper
 146 100
 111 53.2 20.5 61.6
 148 66.5 31.2 93.6





#89

n-Butylbenzene

Concen: 2.227 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032422.D

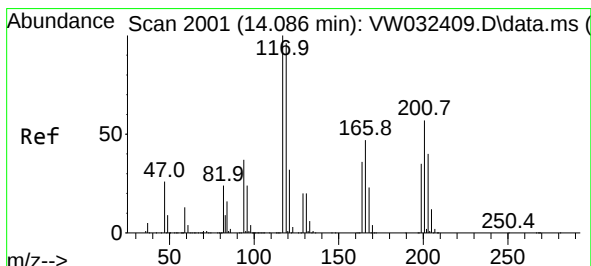
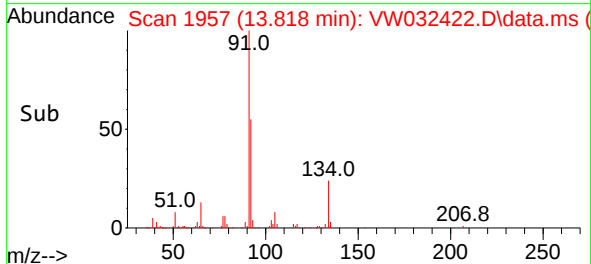
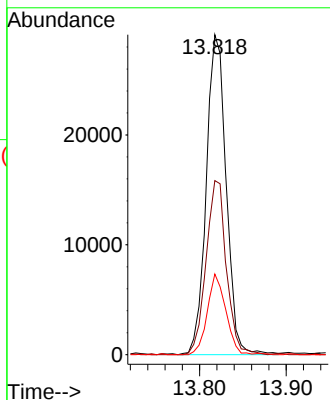
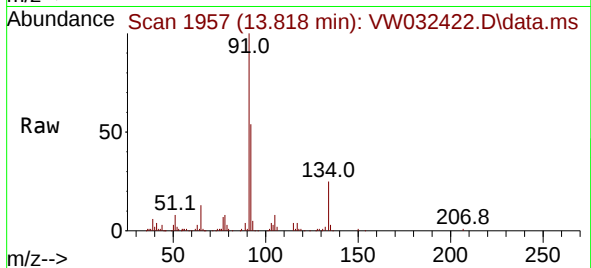
Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	46566
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.4	82.2
134	23.5	12.4	37.4



#90

Hexachloroethane

Concen: 2.517 ug/l

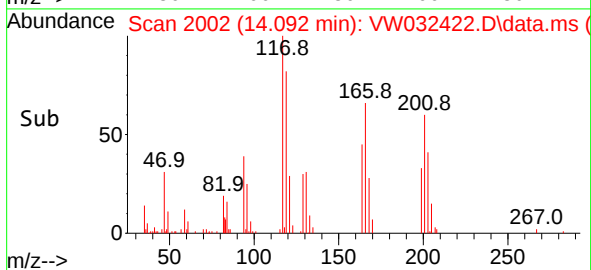
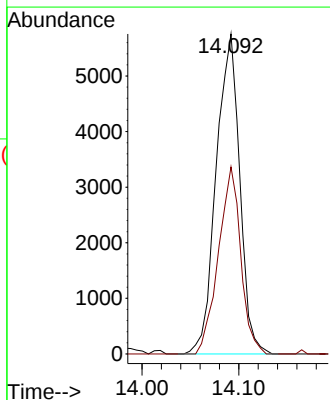
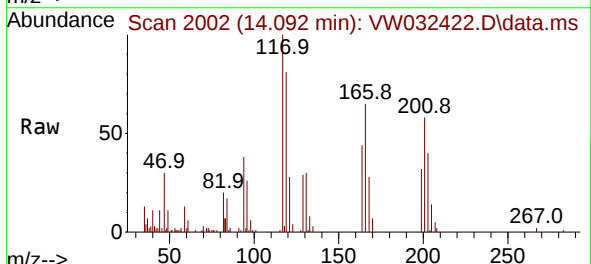
RT: 14.092 min Scan# 2002

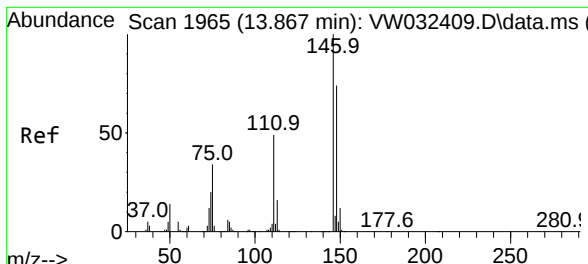
Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Tgt Ion:	117	Resp:	9712
Ion	Ratio	Lower	Upper
117	100		
201	55.5	32.0	96.0

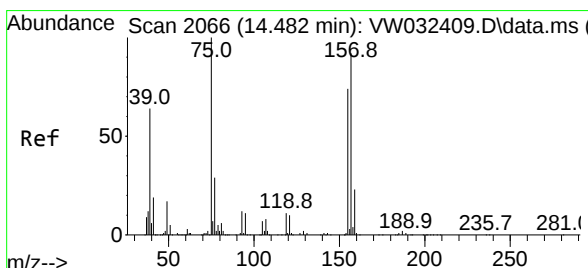
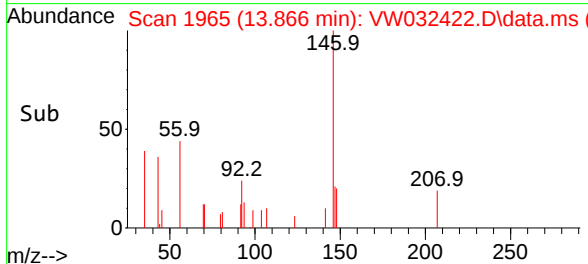
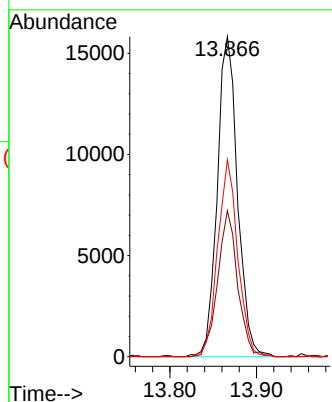
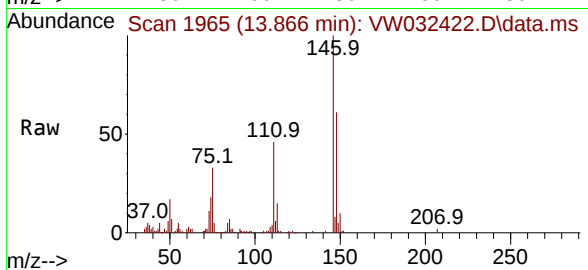




#91
 1,2-Dichlorobenzene
 Concen: 2.575 ug/l
 RT: 13.866 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

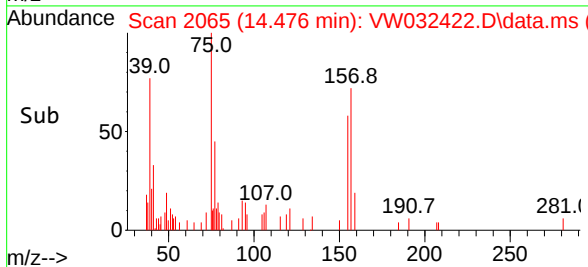
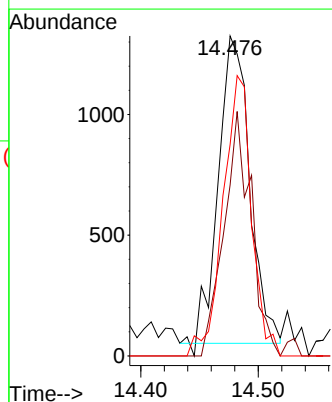
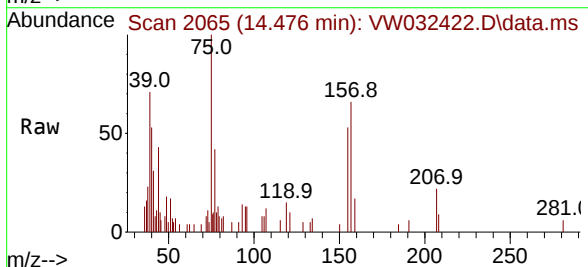
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 25738
 Ion Ratio Lower Upper
 146 100
 111 44.8 23.4 70.2
 148 60.8 34.0 101.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.371 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW032422.D
 Acq: 11 Nov 2025 12:06

Tgt Ion: 75 Resp: 2351
 Ion Ratio Lower Upper
 75 100
 155 69.7 36.2 108.6
 157 83.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 2.496 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

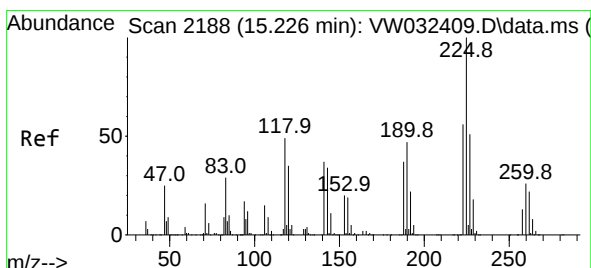
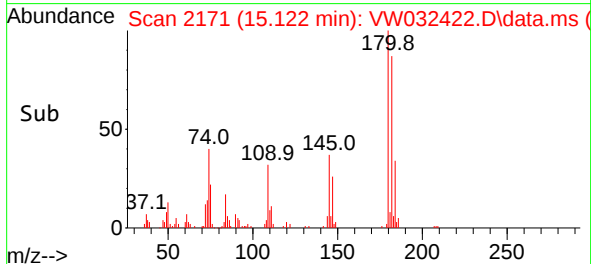
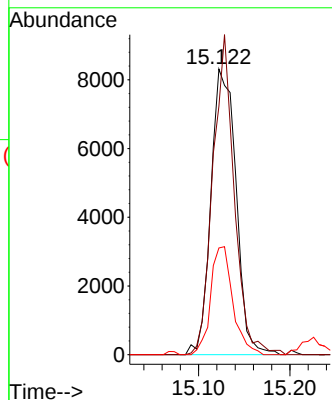
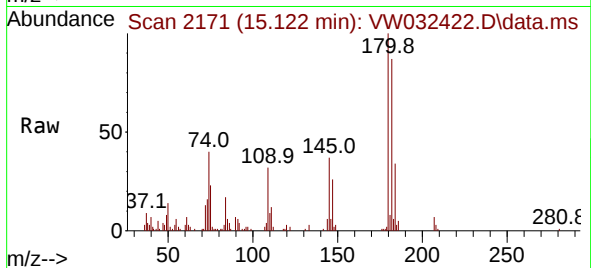
Tgt Ion:180 Resp: 15873

Ion Ratio Lower Upper

180 100

182 95.7 45.3 135.9

145 33.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 2.458 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

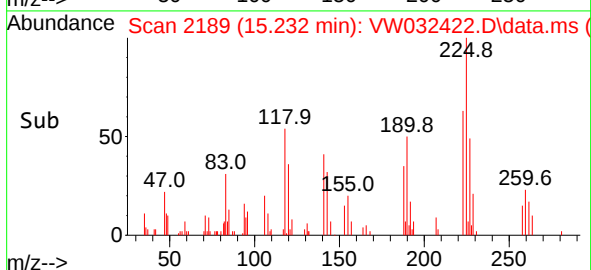
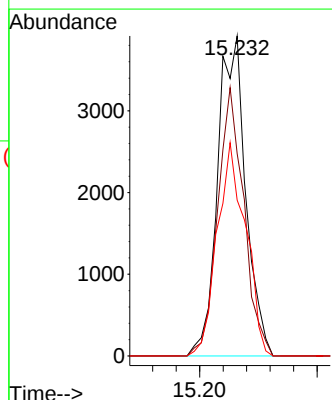
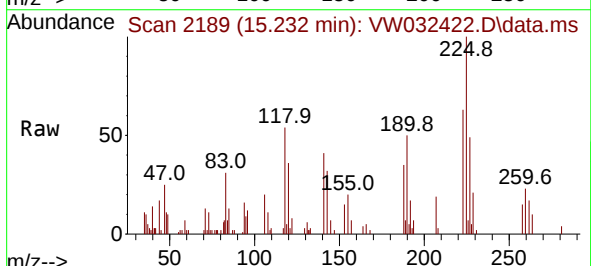
Tgt Ion:225 Resp: 6494

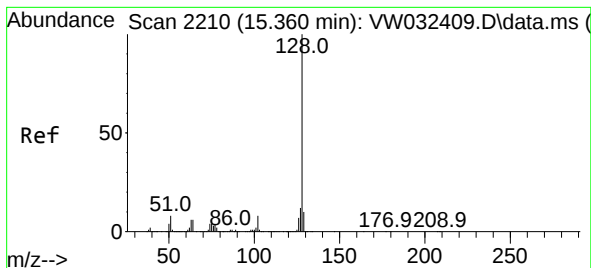
Ion Ratio Lower Upper

225 100

223 78.2 30.6 91.8

227 67.6 29.8 89.4





#95

Naphthalene

Concen: 2.191 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Instrument :

MSVOA_W

ClientSampleId :

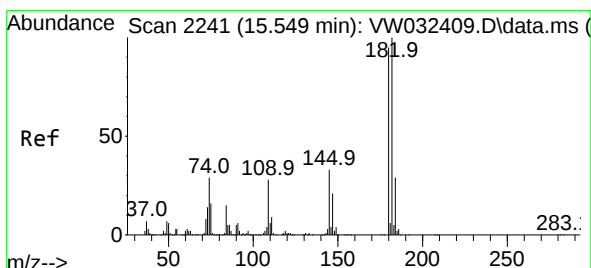
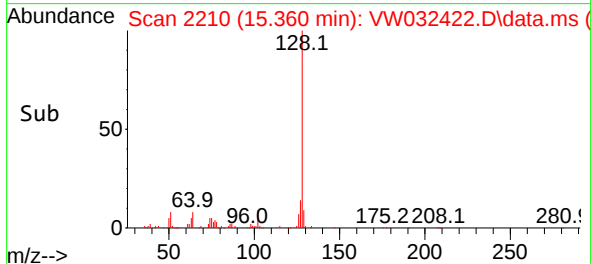
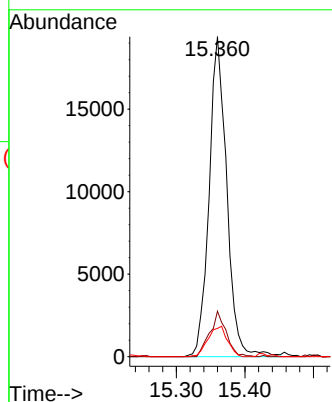
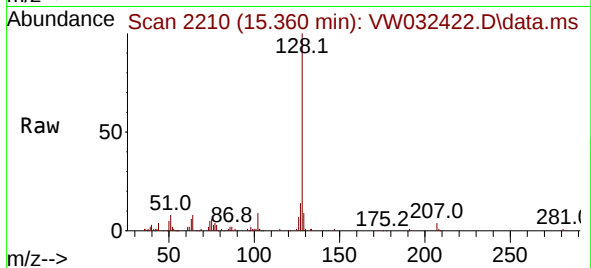
Tgt Ion:128 Resp: 34755

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 2.593 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032422.D

Acq: 11 Nov 2025 12:06

Tgt Ion:180 Resp: 14973

Ion Ratio Lower Upper

180 100

182 88.4 50.3 151.0

145 32.8 17.8 53.3

