

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032418.D
 Acq On : 11 Nov 2025 10:21
 Operator : SY/MD
 Sample : VW1111SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 03:44:06 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	7.965	168	419398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	800811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	702782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	321153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	273700	50.619	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.240%	
35) Dibromofluoromethane	7.904	113	226016	47.139	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 94.280%	
50) Toluene-d8	10.325	98	883581	48.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	12.617	95	324060	46.638	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 93.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	36690	17.243	ug/l	98
3) Chloromethane	2.253	50	74732	20.490	ug/l	100
4) Vinyl Chloride	2.405	62	93282	20.265	ug/l	98
5) Bromomethane	2.814	94	64959	21.097	ug/l	93
6) Chloroethane	2.966	64	61667	20.477	ug/l	96
7) Trichlorofluoromethane	3.301	101	72929	20.208	ug/l	99
8) Diethyl Ether	3.722	74	60006	20.337	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	78883	20.065	ug/l	99
10) Methyl Iodide	4.307	142	130307	20.579	ug/l	98
11) Tert butyl alcohol	5.216	59	46510	99.477	ug/l	99
12) 1,1-Dichloroethene	4.076	96	91532	20.305	ug/l	98
13) Acrolein	3.936	56	83157	106.006	ug/l	100
14) Allyl chloride	4.710	41	177040	20.422	ug/l	98
15) Acrylonitrile	5.405	53	170008	99.653	ug/l	98
16) Acetone	4.161	43	182602	112.881	ug/l	99
17) Carbon Disulfide	4.417	76	273905	20.558	ug/l	97
18) Methyl Acetate	4.710	43	79050	19.734	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	197454	20.779	ug/l	99
20) Methylene Chloride	4.954	84	112776	19.494	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	105086	20.387	ug/l	98
22) Diisopropyl ether	6.338	45	375229	21.259	ug/l	96
23) Vinyl Acetate	6.283	43	1261647	104.330	ug/l	97
24) 1,1-Dichloroethane	6.252	63	198973	20.576	ug/l	99
25) 2-Butanone	7.197	43	253333	106.299	ug/l	99
26) 2,2-Dichloropropane	7.191	77	108403	20.114	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	125703	20.409	ug/l	98
28) Bromochloromethane	7.532	49	93614	20.482	ug/l	99
29) Tetrahydrofuran	7.551	42	153863	101.718	ug/l	99
30) Chloroform	7.697	83	198684	20.988	ug/l	99
31) Cyclohexane	7.971	56	178622	19.968	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	141908	20.984	ug/l	98
36) 1,1-Dichloropropene	8.099	75	140998	19.959	ug/l	99
37) Ethyl Acetate	7.276	43	100549	19.141	ug/l	99
38) Carbon Tetrachloride	8.081	117	124977	19.910	ug/l	91
39) Methylcyclohexane	9.343	83	177867	19.435	ug/l	96
40) Benzene	8.337	78	448366	19.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	59648	20.670	ug/l	95
42) 1,2-Dichloroethane	8.410	62	133173	19.929	ug/l	99
43) Isopropyl Acetate	8.435	43	184803	19.868	ug/l	100
44) Trichloroethene	9.099	130	103283	19.510	ug/l	99
45) 1,2-Dichloropropane	9.380	63	111670	19.713	ug/l	99
46) Dibromomethane	9.465	93	65788	19.874	ug/l	96
47) Bromodichloromethane	9.654	83	151191	20.022	ug/l	98
48) Methyl methacrylate	9.441	41	82916	18.759	ug/l	95
49) 1,4-Dioxane	9.471	88	17159	370.018	ug/l #	89
51) 4-Methyl-2-Pentanone	10.215	43	516256	100.397	ug/l	100
52) Toluene	10.392	92	277679	19.760	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	150828	19.395	ug/l	95
54) cis-1,3-Dichloropropene	10.081	75	174953	19.454	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	91425	20.132	ug/l	94
56) Ethyl methacrylate	10.648	69	133070	19.098	ug/l	99
57) 1,3-Dichloropropane	10.934	76	162811	20.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	374443	100.910	ug/l	100
59) 2-Hexanone	10.971	43	379060	100.756	ug/l	99
60) Dibromochloromethane	11.129	129	99792	19.678	ug/l	99
61) 1,2-Dibromoethane	11.239	107	87650	19.817	ug/l	96
64) Tetrachloroethene	10.867	164	85265	20.488	ug/l	89
65) Chlorobenzene	11.654	112	297697	19.653	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	92643	19.762	ug/l	99
67) Ethyl Benzene	11.727	91	525915	20.066	ug/l	98
68) m/p-Xylenes	11.837	106	403624	41.016	ug/l	98
69) o-Xylene	12.166	106	188000	19.953	ug/l	100
70) Styrene	12.178	104	319683	19.723	ug/l	99
71) Bromoform	12.349	173	54244	19.536	ug/l #	99
73) Isopropylbenzene	12.464	105	481887	20.430	ug/l	98
74) N-amyl acetate	12.269	43	164118	20.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	115575	20.647	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	143953	32.690	ug/l	35
77) Bromobenzene	12.745	156	109510	19.610	ug/l	92
78) n-propylbenzene	12.800	91	601404	20.937	ug/l	98
79) 2-Chlorotoluene	12.891	91	363834	20.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	398351	20.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	38164	19.850	ug/l	98
82) 4-Chlorotoluene	12.989	91	377160	20.680	ug/l	98
83) tert-Butylbenzene	13.202	119	342260	20.219	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	409387	20.685	ug/l	99
85) sec-Butylbenzene	13.379	105	502121	19.918	ug/l	100
86) p-Isopropyltoluene	13.495	119	417419	20.054	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	220539	20.829	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	223516	20.605	ug/l	98
89) n-Butylbenzene	13.818	91	412879	20.303	ug/l	99
90) Hexachloroethane	14.086	117	77624	20.684	ug/l	90
91) 1,2-Dichlorobenzene	13.867	146	203564	20.943	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	19683	20.411	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	123783	20.013	ug/l	95
94) Hexachlorobutadiene	15.226	225	54615	21.257	ug/l	97
95) Naphthalene	15.360	128	303247	19.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	113920	20.287	ug/l	99

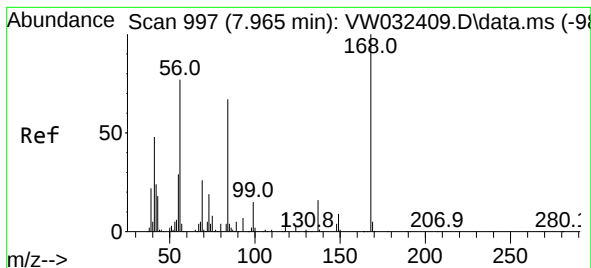
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

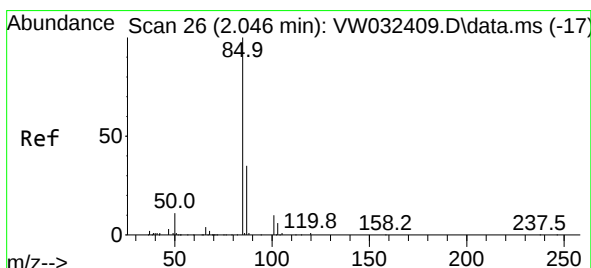
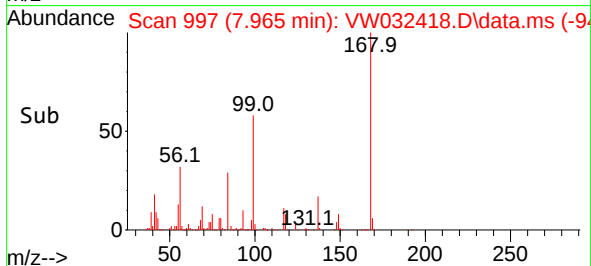
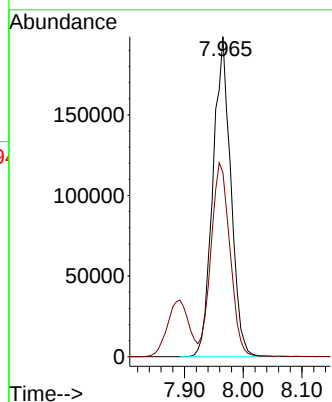
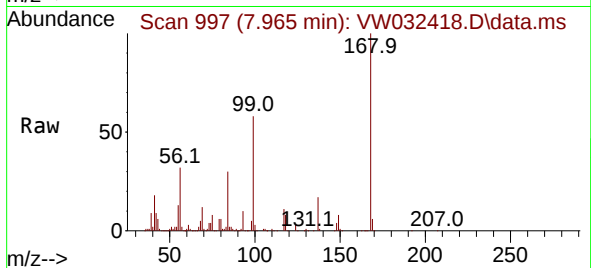
ClientSampleId :

Tgt Ion:168 Resp: 419398

Ion Ratio Lower Upper

168 100

99 57.4 45.4 68.2



#2

Dichlorodifluoromethane

Concen: 17.243 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032418.D

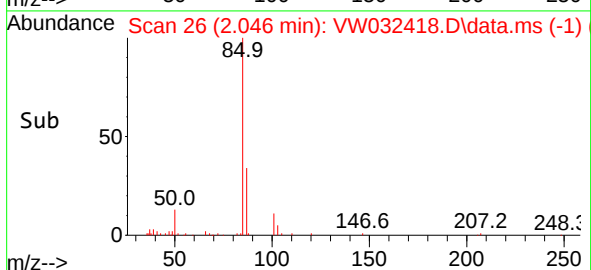
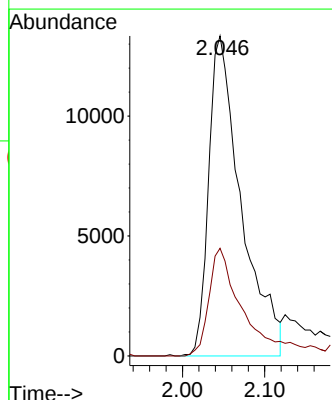
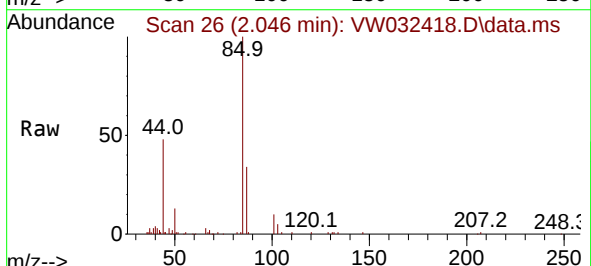
Acq: 11 Nov 2025 10:21

Tgt Ion: 85 Resp: 36690

Ion Ratio Lower Upper

85 100

87 33.6 17.4 52.2

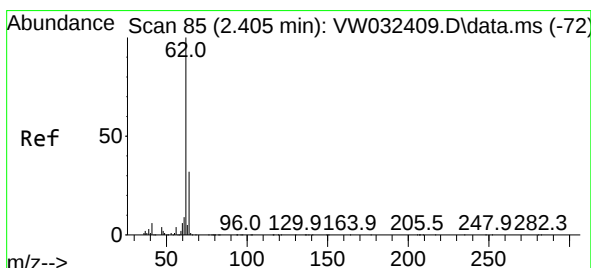
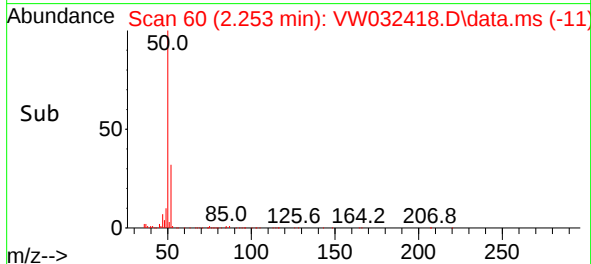
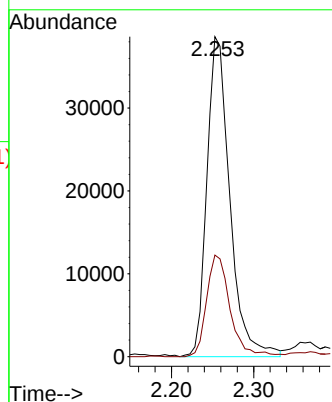
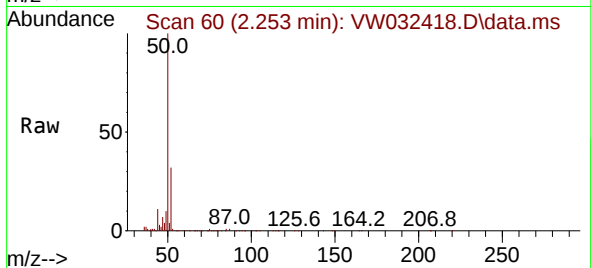




#3
Chloromethane
Concen: 20.490 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

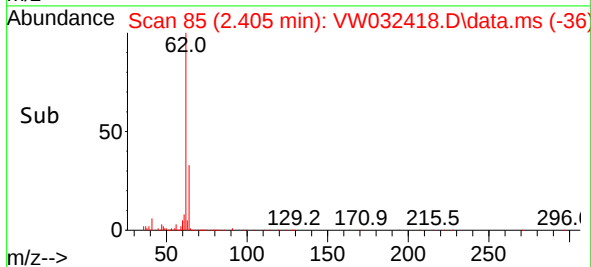
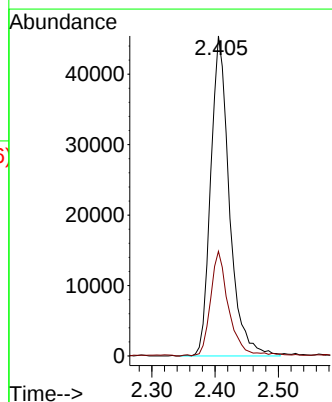
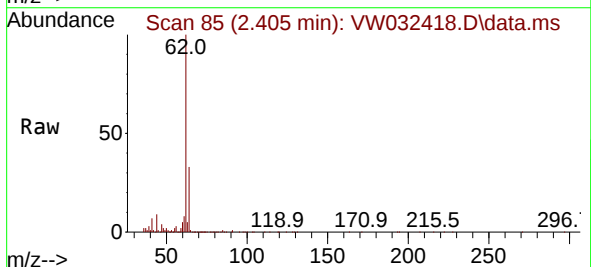
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 50 Resp: 74732
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3



#4
Vinyl Chloride
Concen: 20.265 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 62 Resp: 93282
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

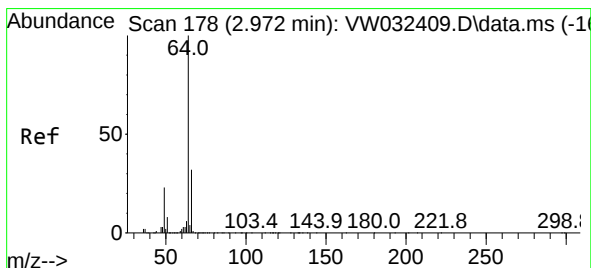
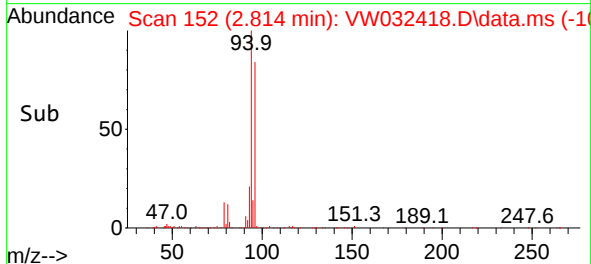
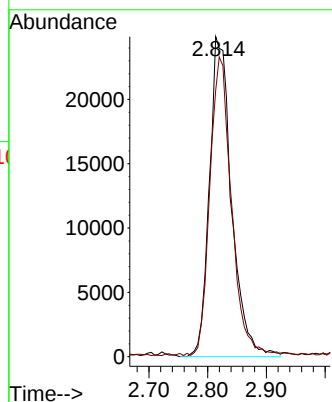
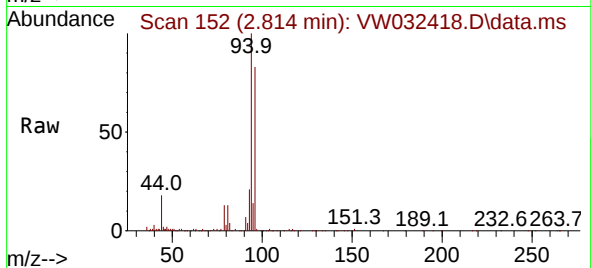




#5
Bromomethane
Concen: 21.097 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

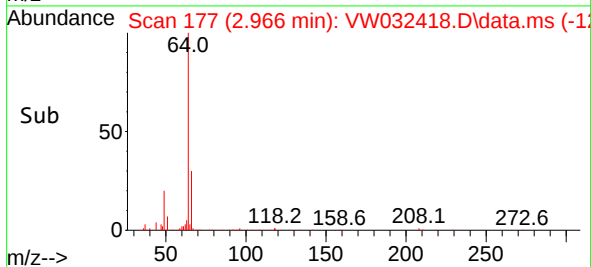
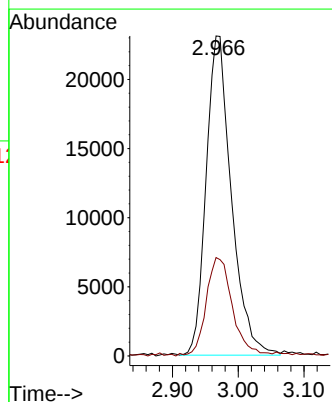
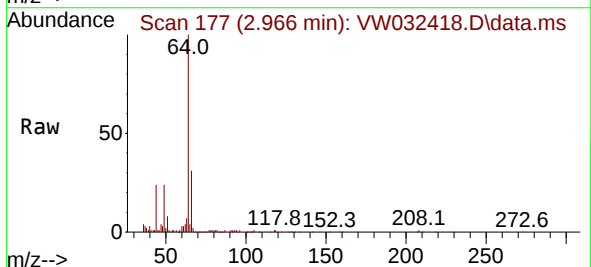
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MSVOA_W
ClientSampleId :

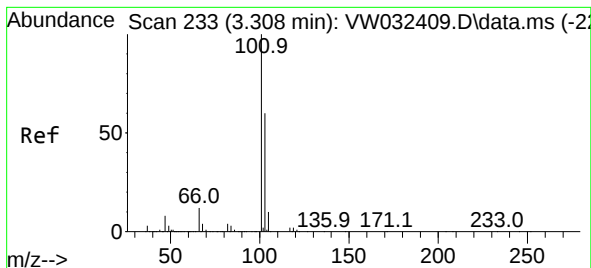
Tgt Ion: 94 Resp: 64959
Ion Ratio Lower Upper
94 100
96 82.5 71.4 107.2



#6
Chloroethane
Concen: 20.477 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 64 Resp: 61667
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4





#7

Trichlorofluoromethane

Concen: 20.208 ug/l

RT: 3.301 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

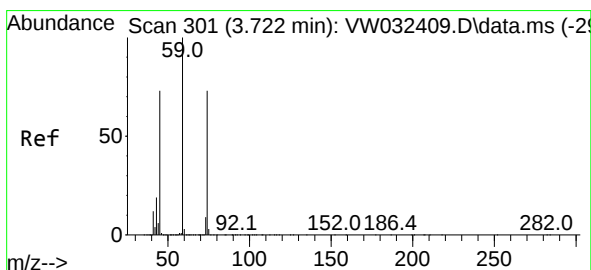
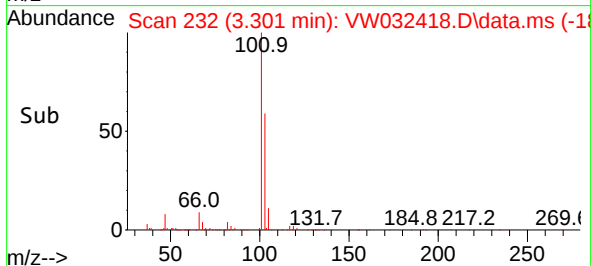
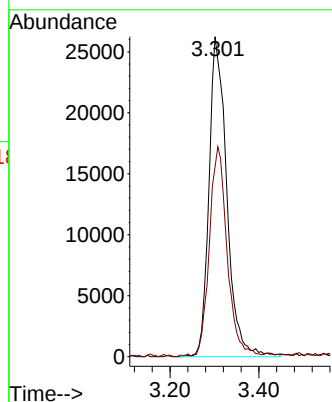
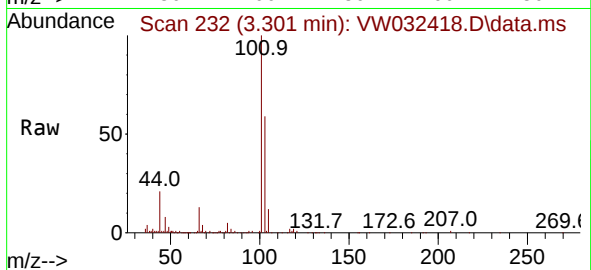
ClientSampleId :

Tgt Ion:101 Resp: 72929

Ion Ratio Lower Upper

101 100

103 58.9 48.0 72.0



#8

Diethyl Ether

Concen: 20.337 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032418.D

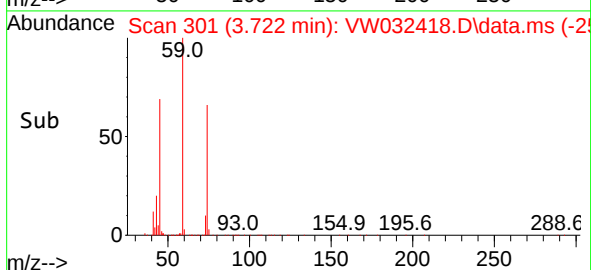
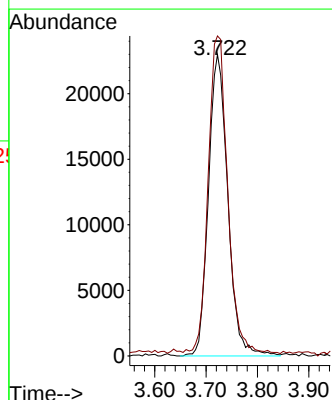
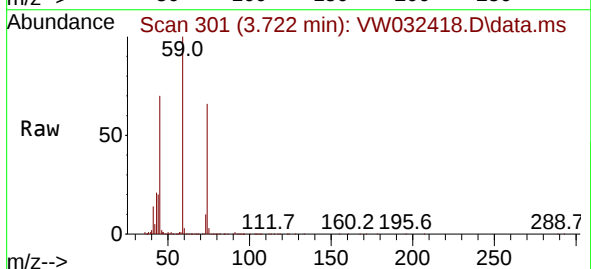
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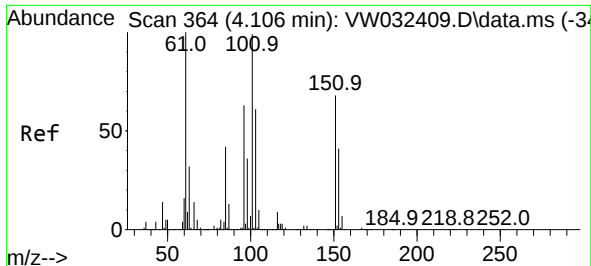
Tgt Ion: 74 Resp: 60006

Ion Ratio Lower Upper

74 100

45 106.2 51.8 155.4

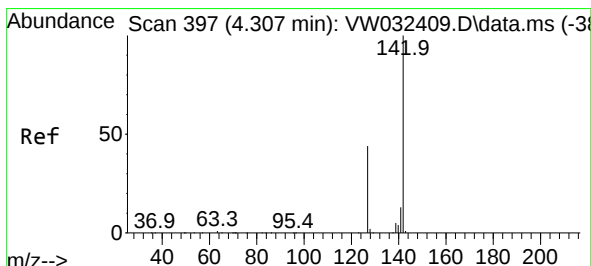
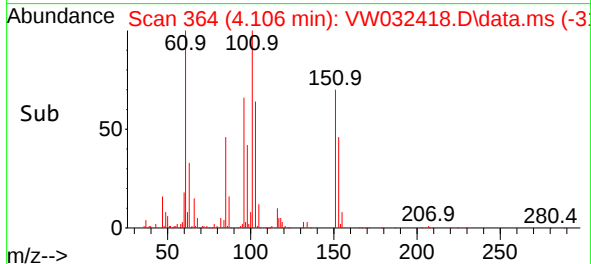
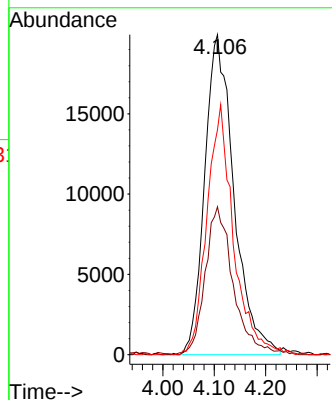
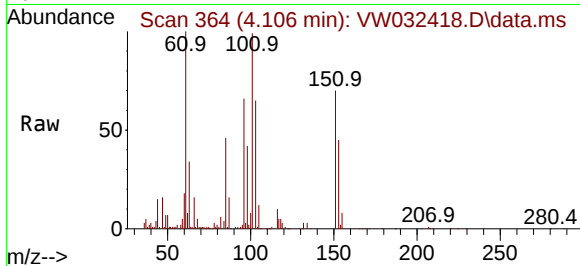




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.065 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

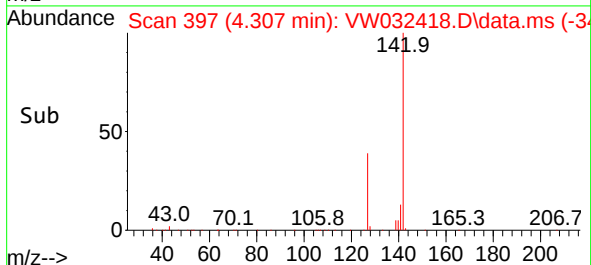
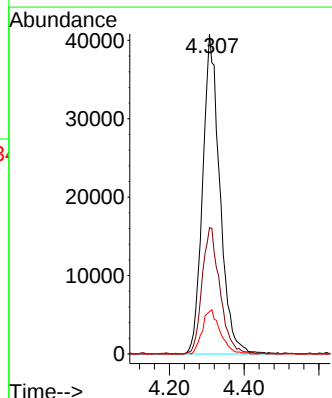
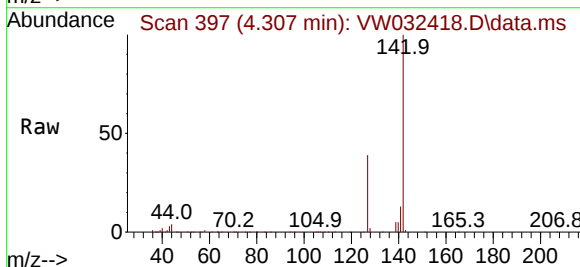
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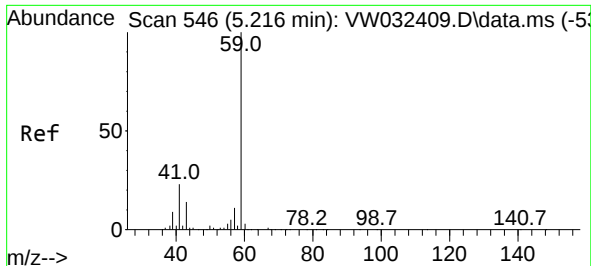
Tgt Ion:101 Resp: 78883
Ion Ratio Lower Upper
101 100
85 44.2 34.1 51.1
151 71.0 56.4 84.6



#10
Methyl Iodide
Concen: 20.579 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:142 Resp: 130307
Ion Ratio Lower Upper
142 100
127 41.0 34.2 51.2
141 14.4 11.8 17.8

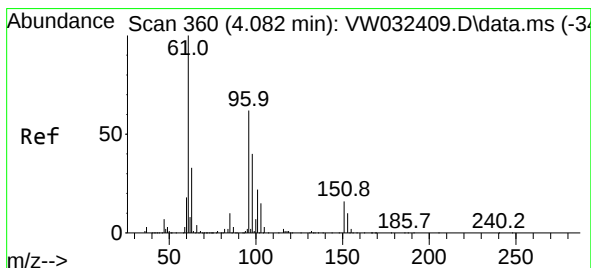
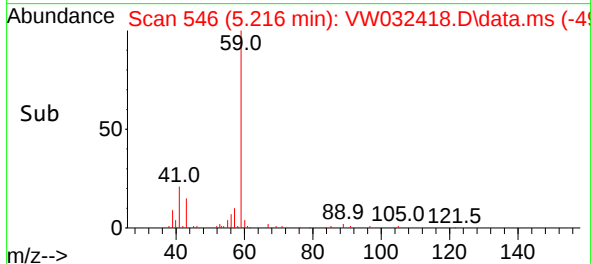
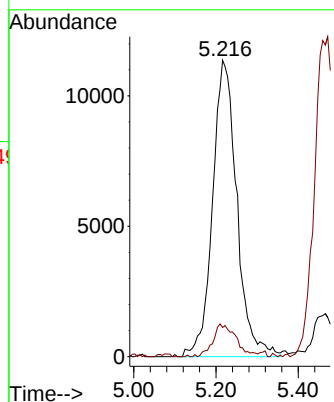
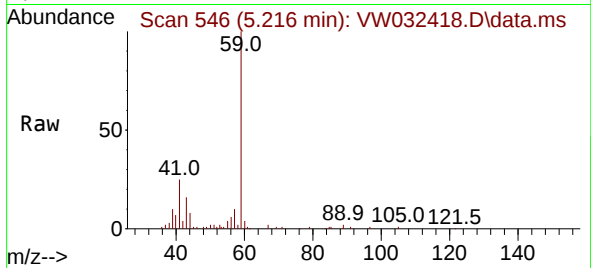




#11
Tert butyl alcohol
Concen: 99.477 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

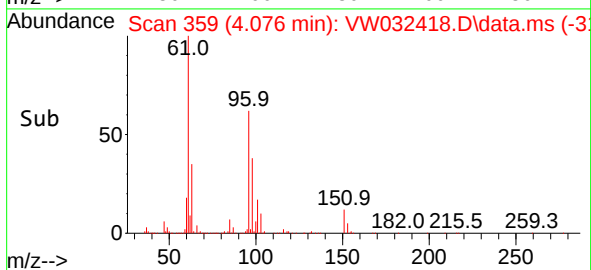
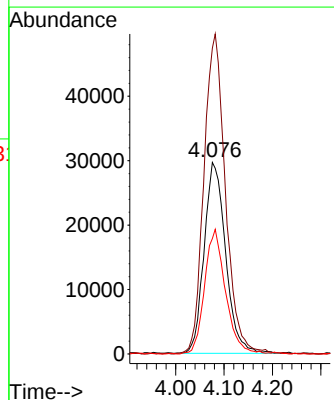
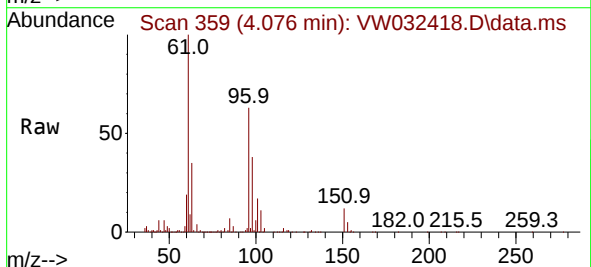
Instrument :
MSVOA_W
ClientSampleId :

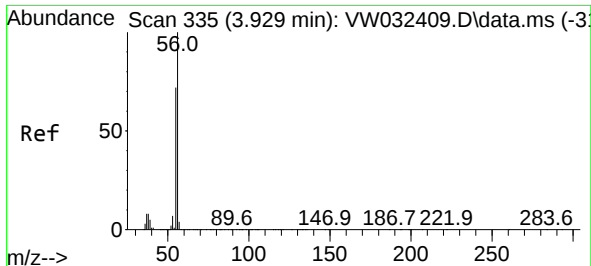
Tgt Ion: 59 Resp: 46510
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.305 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

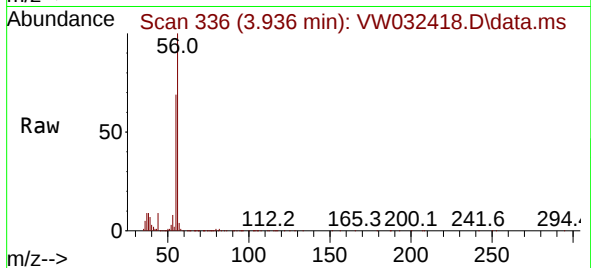
Tgt Ion: 96 Resp: 91532
Ion Ratio Lower Upper
96 100
61 159.7 129.0 193.6
98 60.5 51.1 76.7



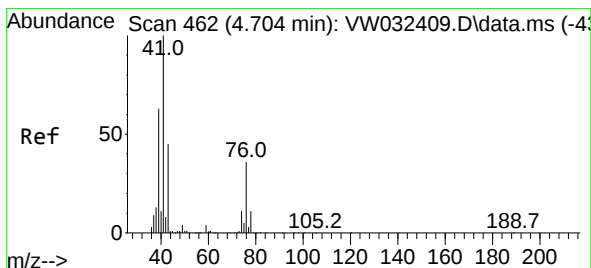
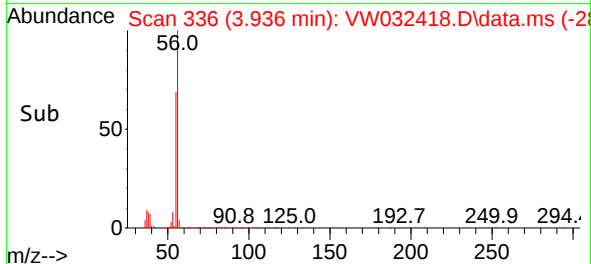
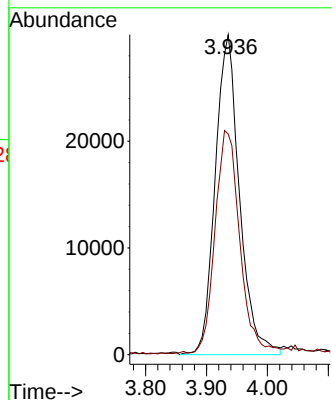


#13
Acrolein
Concen: 106.006 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Instrument :
MSVOA_W
ClientSampleId :

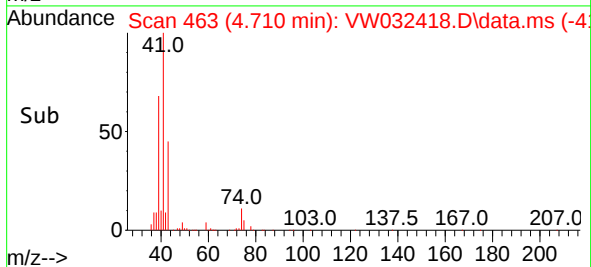
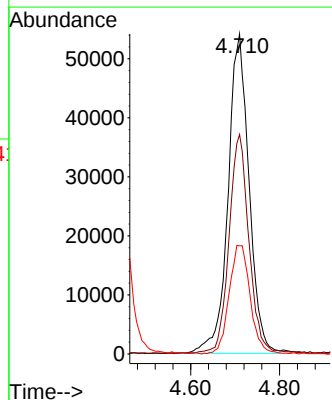
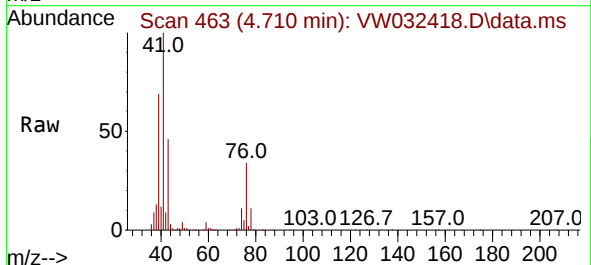


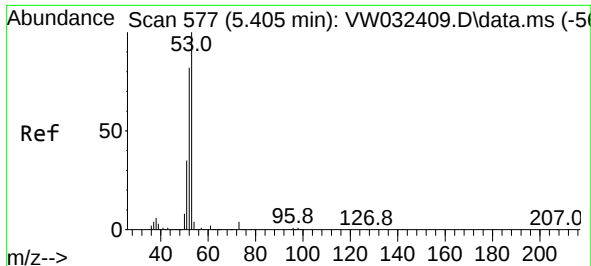
Tgt Ion: 56 Resp: 83157
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5



#14
Allyl chloride
Concen: 20.422 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

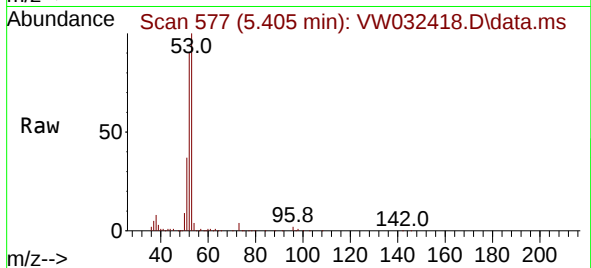
Tgt Ion: 41 Resp: 177040
Ion Ratio Lower Upper
41 100
39 65.1 50.2 75.2
76 34.2 27.0 40.6



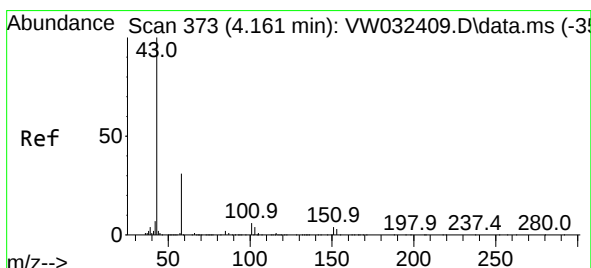
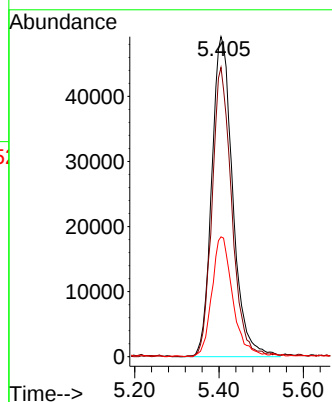
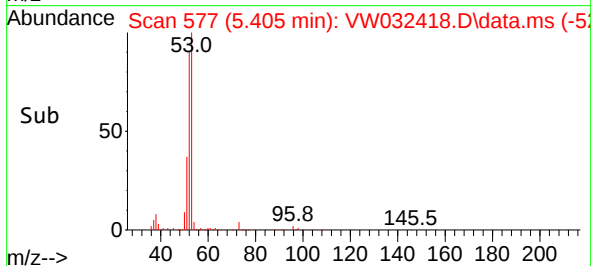


#15
Acrylonitrile
Concen: 99.653 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Instrument :
MSVOA_W
ClientSampleId :

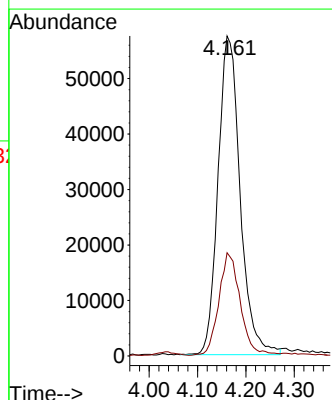
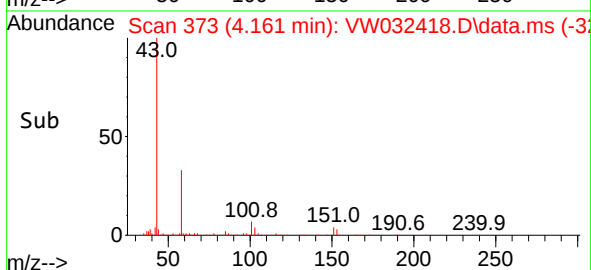
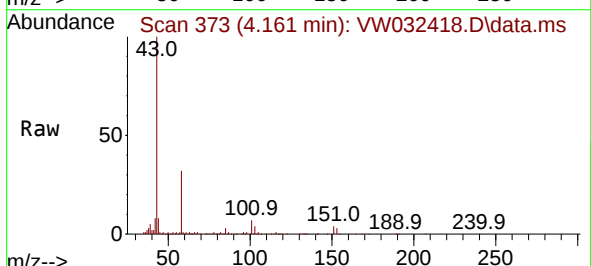


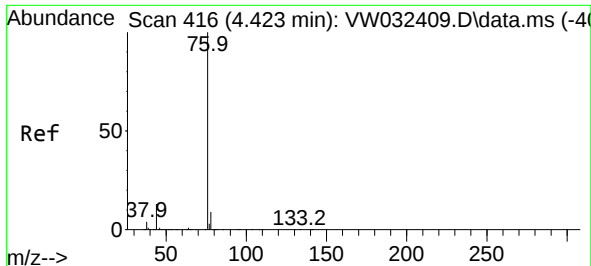
Tgt Ion: 53 Resp: 170008
Ion Ratio Lower Upper
53 100
52 85.0 66.4 99.6
51 37.2 28.6 43.0



#16
Acetone
Concen: 112.881 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 43 Resp: 182602
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

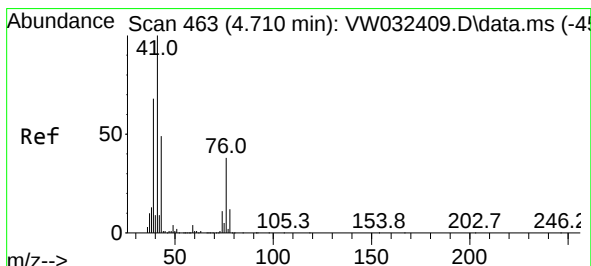
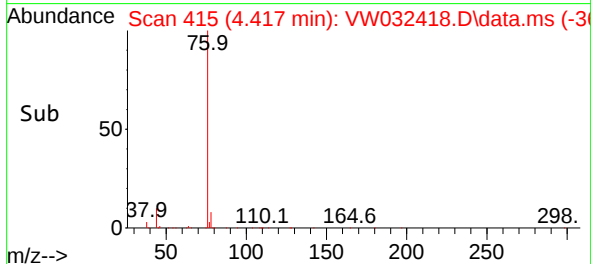
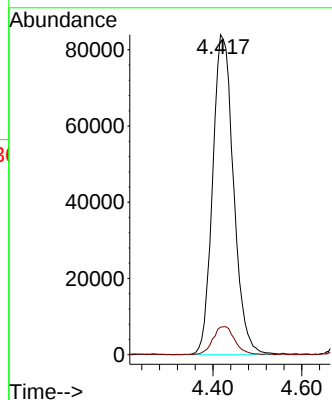
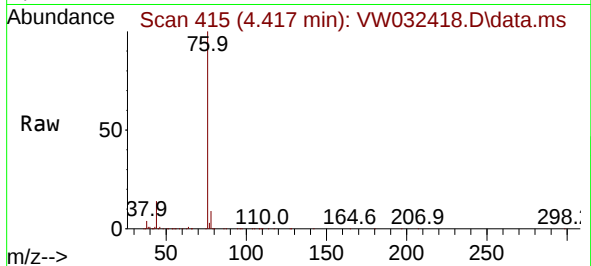




#17
Carbon Disulfide
Concen: 20.558 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

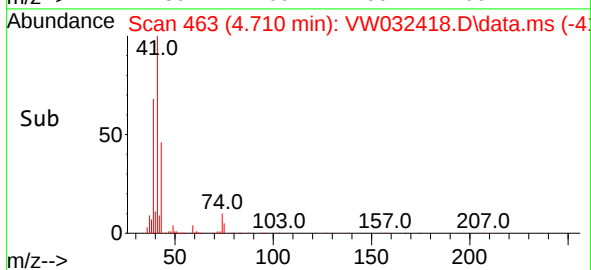
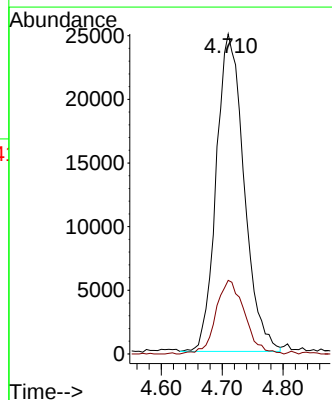
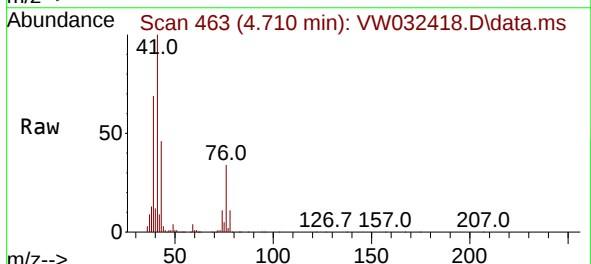
Instrument :
MSVOA_W
ClientSampleId :

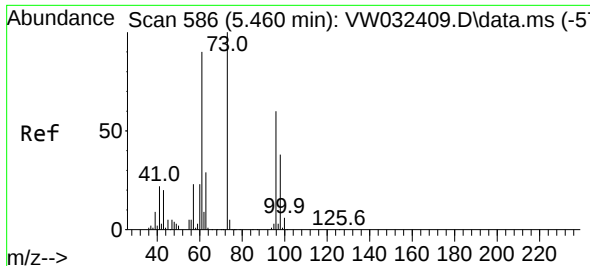
Tgt Ion: 76 Resp: 273905
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 19.734 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 43 Resp: 79050
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.779 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

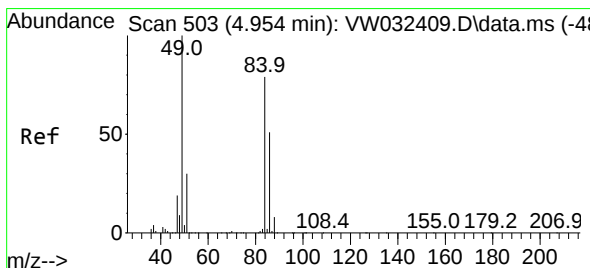
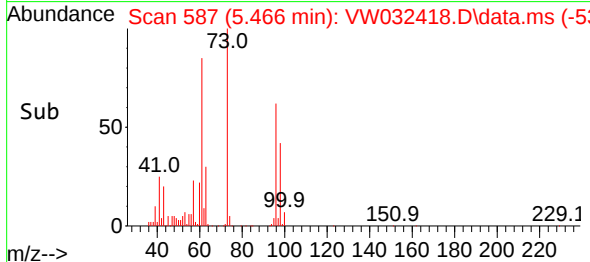
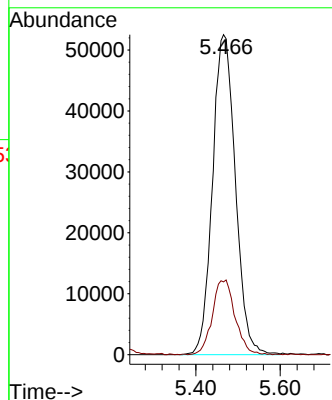
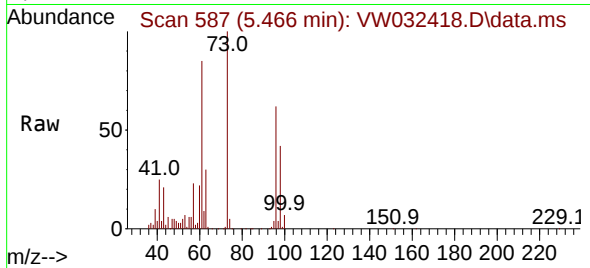
ClientSampleId :

Tgt Ion: 73 Resp: 197454

Ion Ratio Lower Upper

73 100

57 22.6 18.3 27.5



#20

Methylene Chloride

Concen: 19.494 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Tgt Ion: 84 Resp: 112776

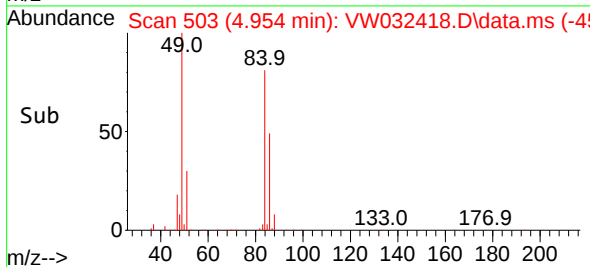
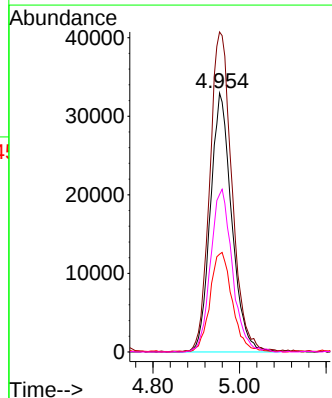
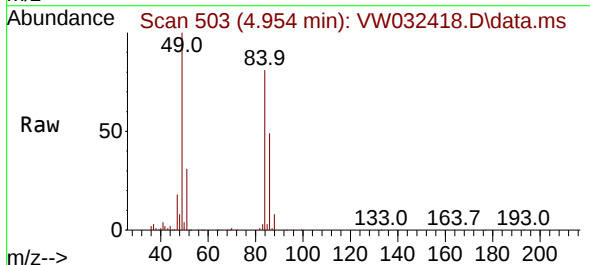
Ion Ratio Lower Upper

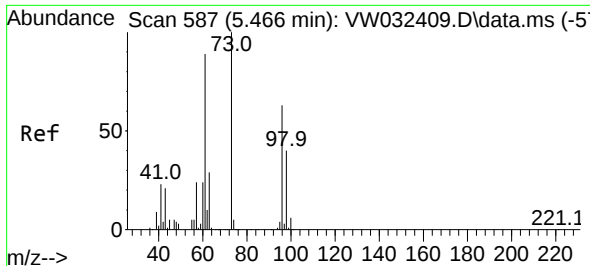
84 100

49 123.4 101.5 152.3

51 37.4 30.6 46.0

86 60.8 51.9 77.9

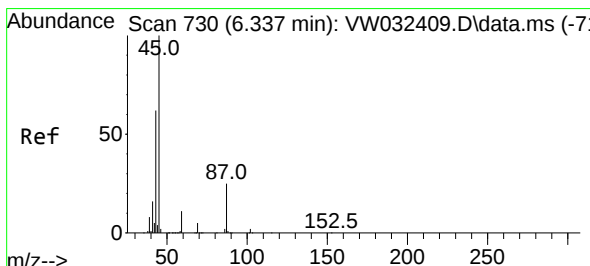
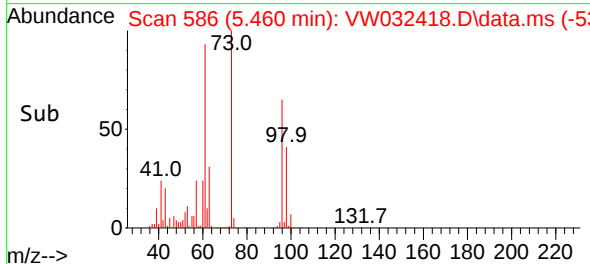
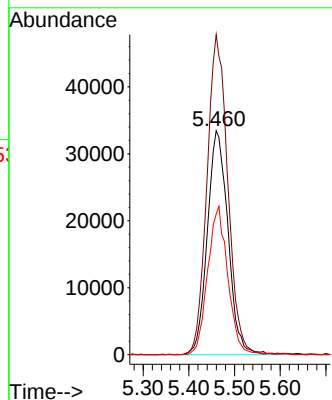
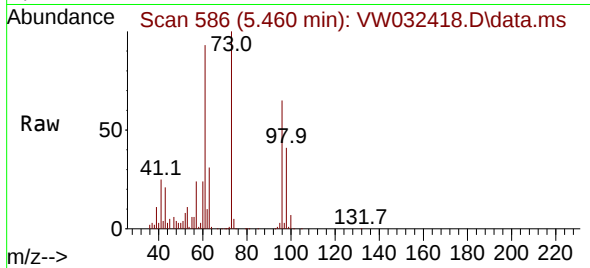




#21
trans-1,2-Dichloroethene
Concen: 20.387 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

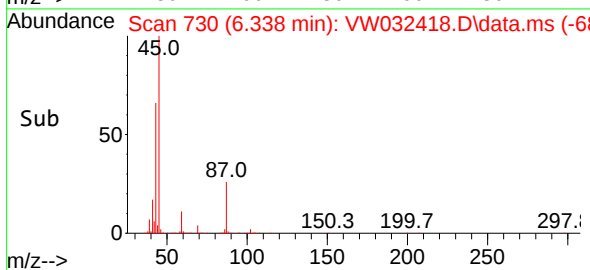
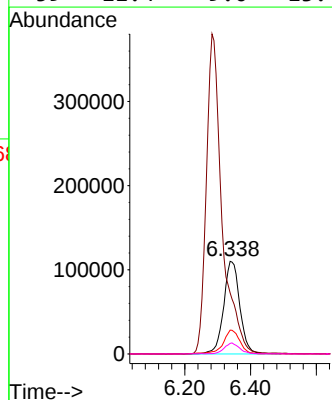
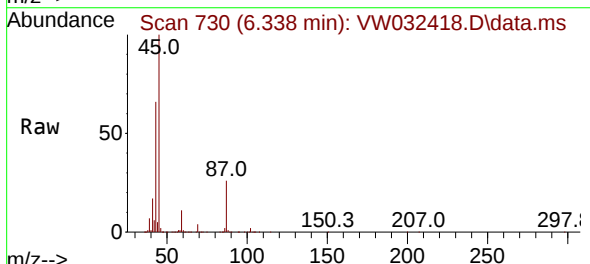
Instrument :
MSVOA_W
ClientSampleId :

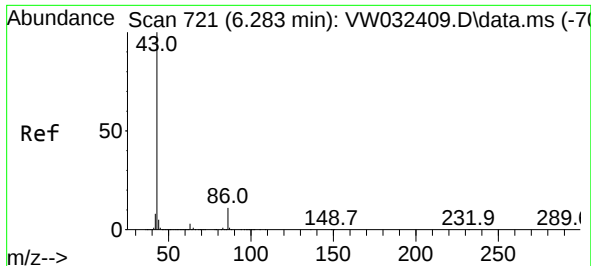
Tgt Ion: 96 Resp: 105086
Ion Ratio Lower Upper
96 100
61 142.9 112.5 168.7
98 62.8 51.1 76.7



#22
Diisopropyl ether
Concen: 21.259 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 45 Resp: 375229
Ion Ratio Lower Upper
45 100
43 65.7 49.4 74.2
87 25.7 20.1 30.1
59 11.4 9.0 13.4

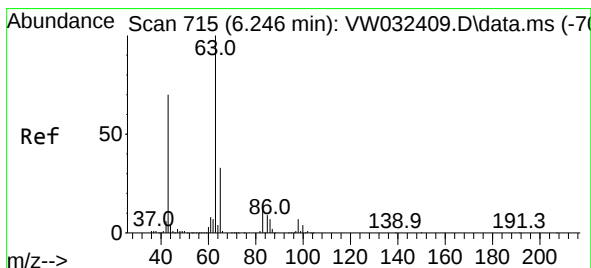
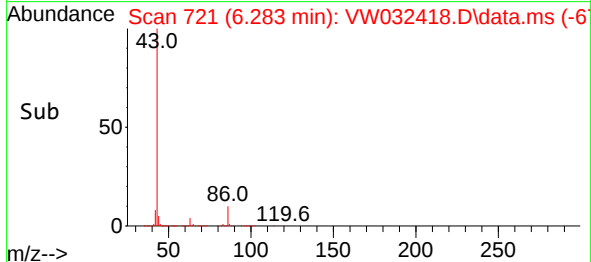
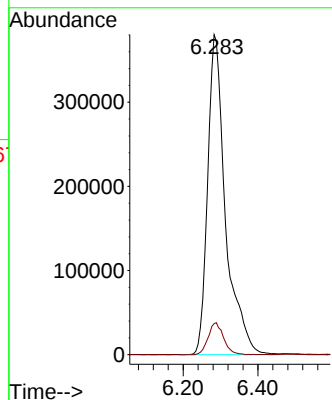
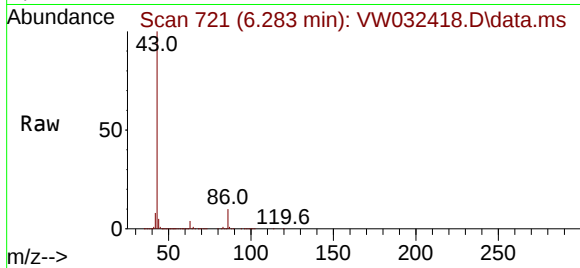




#23
 Vinyl Acetate
 Concen: 104.330 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

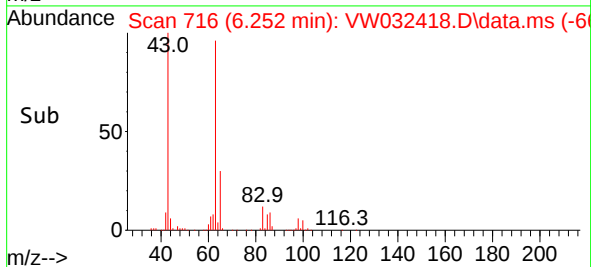
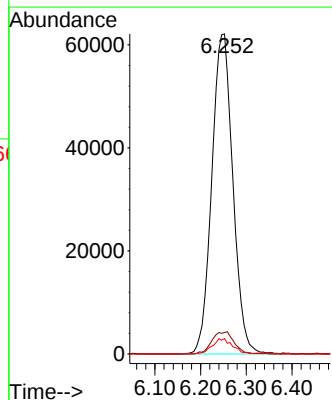
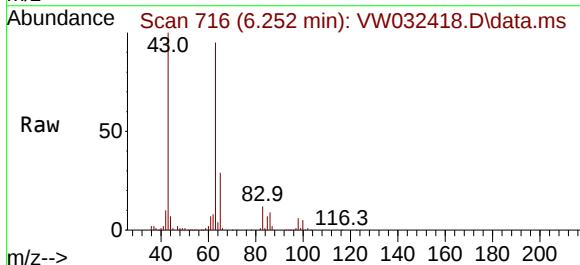
Instrument :
 MSVOA_W
 ClientSampleId :

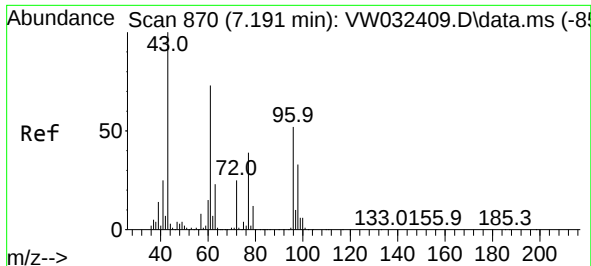
Tgt Ion: 43 Resp: 1261647
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.576 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

Tgt Ion: 63 Resp: 198973
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.8 2.3 6.8

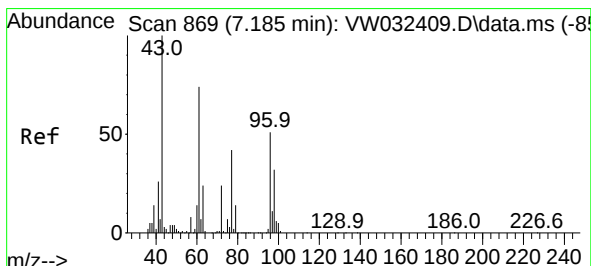
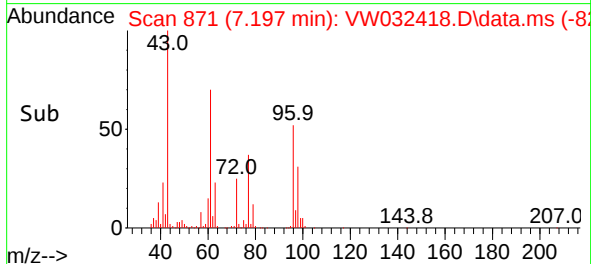
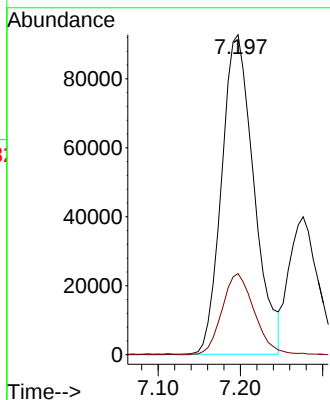
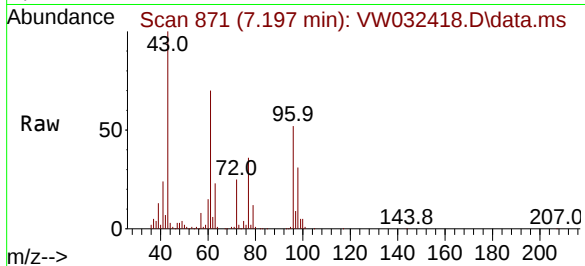




#25
2-Butanone
Concen: 106.299 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

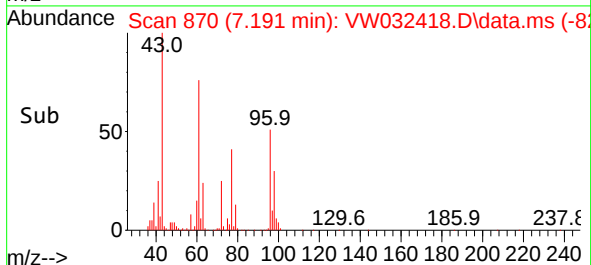
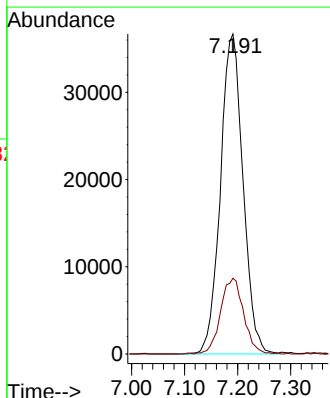
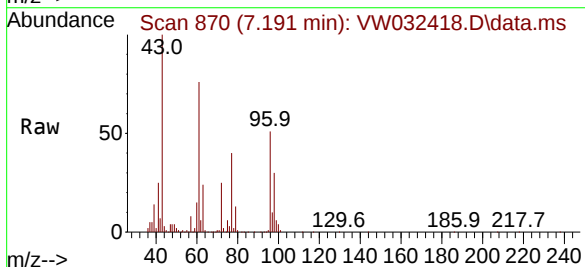
Instrument :
MSVOA_W
ClientSampleId :

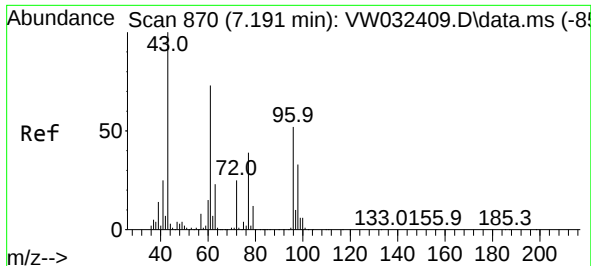
Tgt Ion: 43 Resp: 253333
Ion Ratio Lower Upper
43 100
72 25.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.114 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 77 Resp: 108403
Ion Ratio Lower Upper
77 100
97 24.1 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 20.409 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

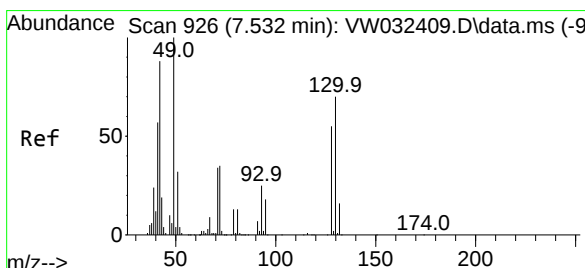
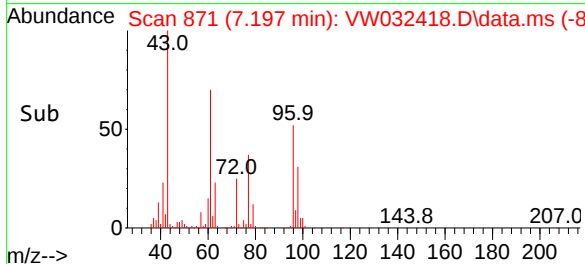
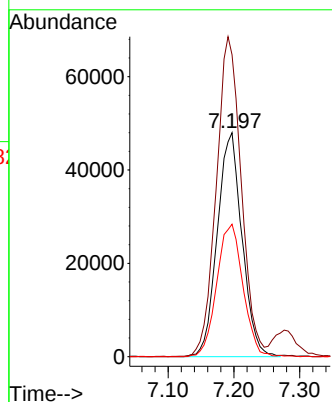
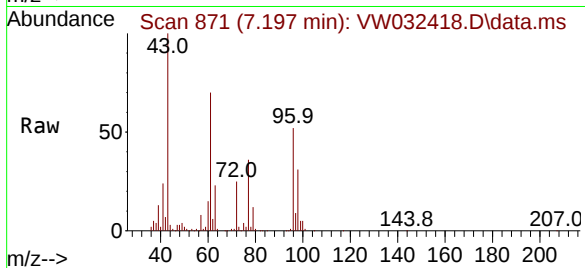
Tgt Ion: 96 Resp: 125703

Ion Ratio Lower Upper

96 100

61 143.9 0.0 282.6

98 62.5 0.0 128.6



#28

Bromochloromethane

Concen: 20.482 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

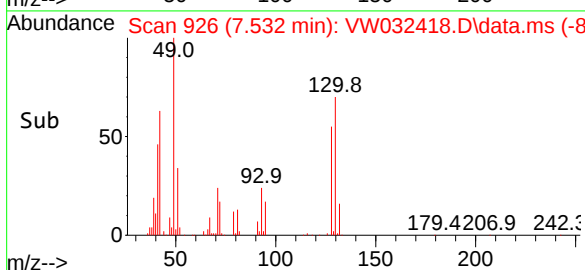
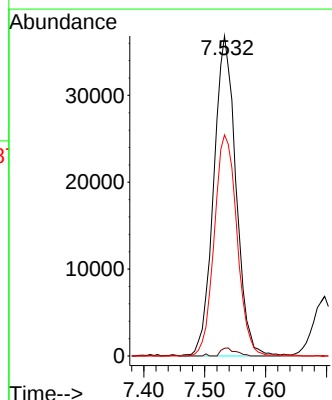
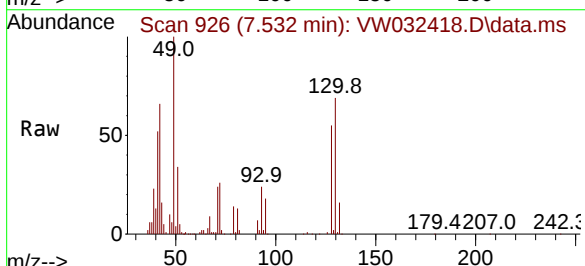
Tgt Ion: 49 Resp: 93614

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 70.4 56.9 85.3





#29

Tetrahydrofuran

Concen: 101.718 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

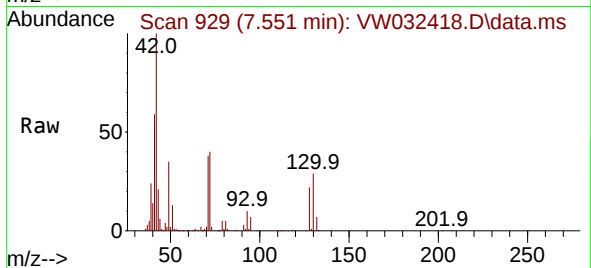
Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :



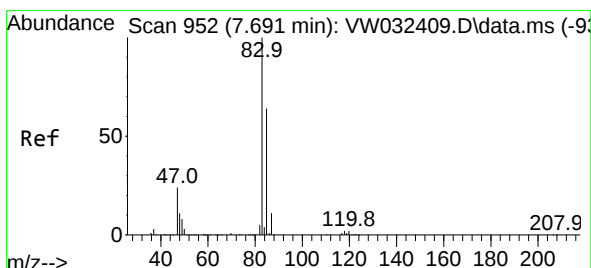
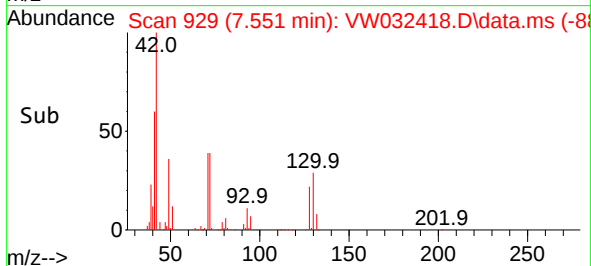
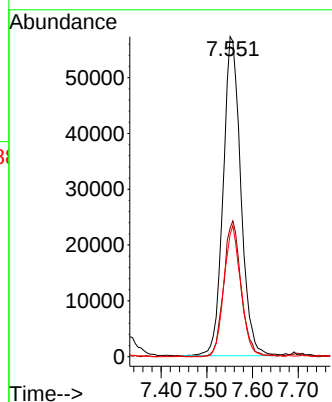
Tgt Ion: 42 Resp: 153863

Ion Ratio Lower Upper

42 100

72 41.4 33.6 50.4

71 39.6 31.4 47.0



#30

Chloroform

Concen: 20.988 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032418.D

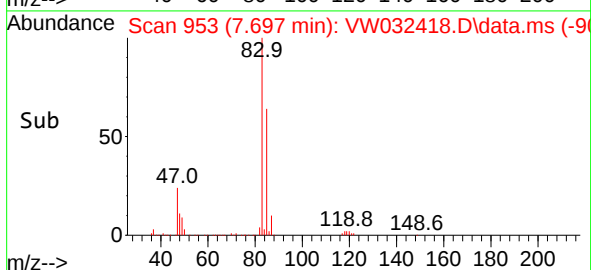
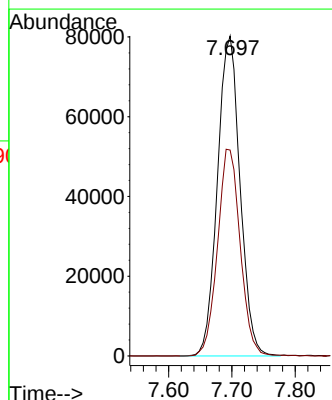
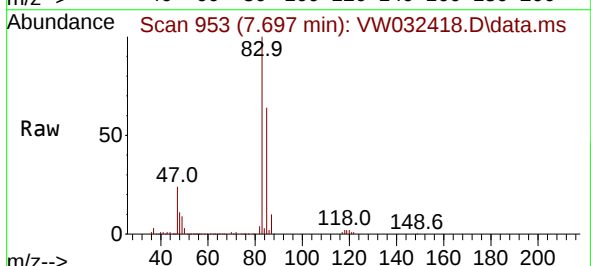
Acq: 11 Nov 2025 10:21

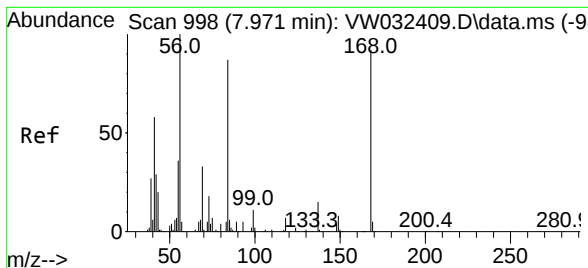
Tgt Ion: 83 Resp: 198684

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.4

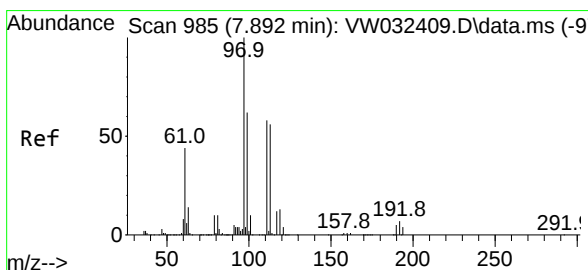
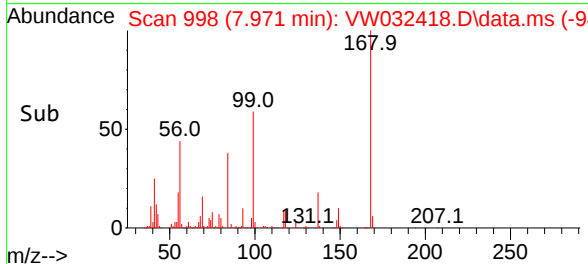
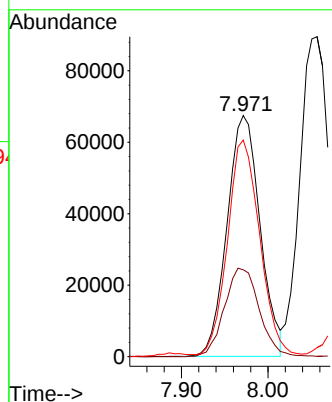
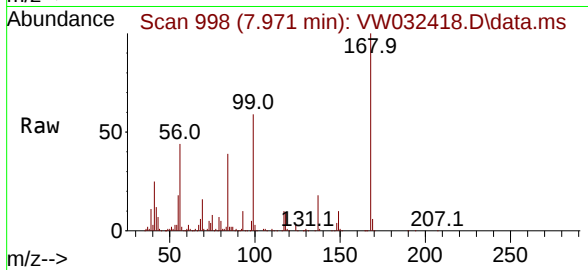




#31
Cyclohexane
Concen: 19.968 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

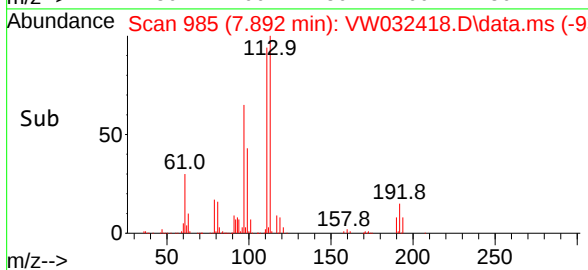
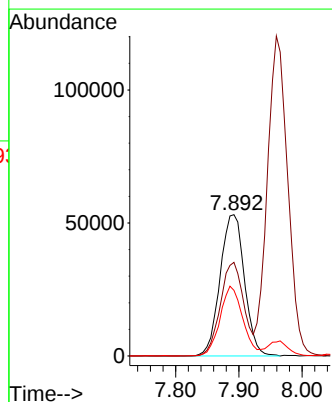
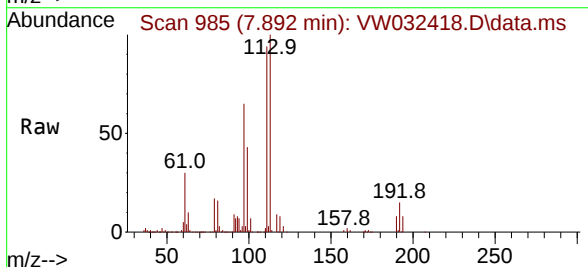
Instrument :
MSVOA_W
ClientSampleId :

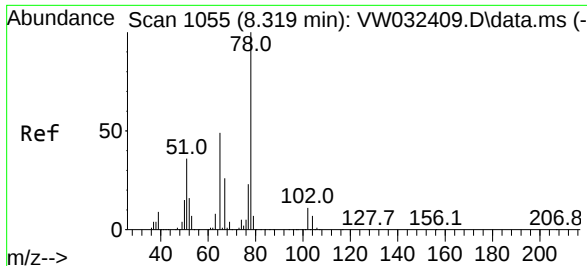
Tgt Ion: 56 Resp: 178622
Ion Ratio Lower Upper
56 100
69 36.1 26.5 39.7
84 88.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.984 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 97 Resp: 141908
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 46.3 35.5 53.3

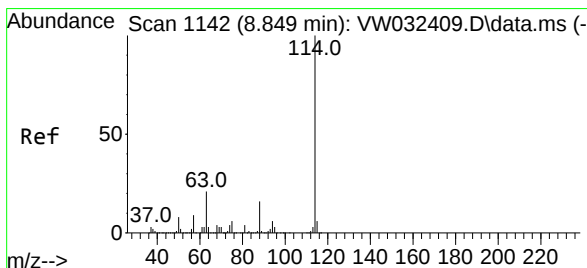
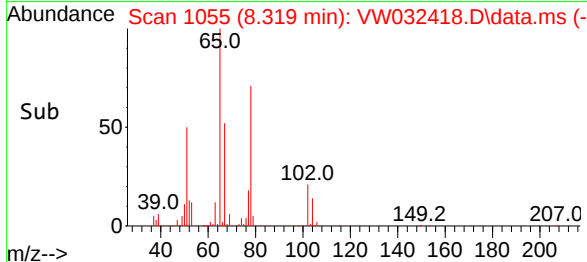
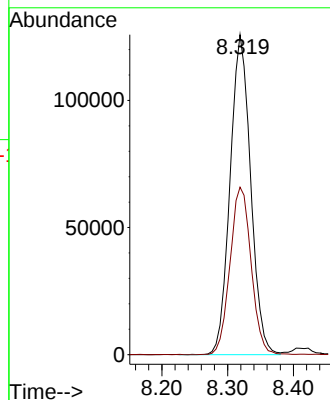
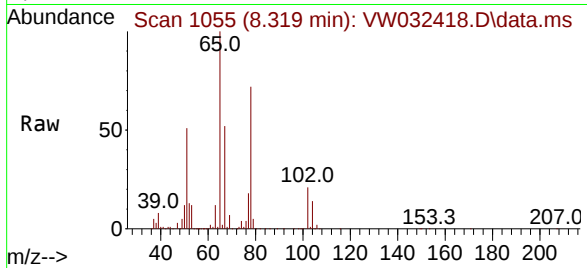




#33
 1,2-Dichloroethane-d4
 Concen: 50.619 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

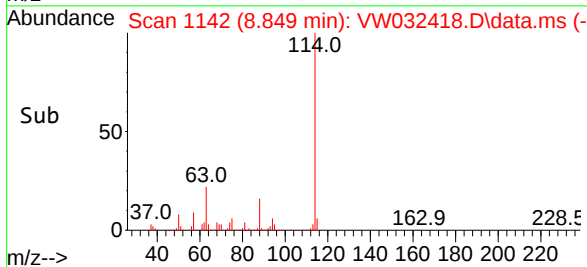
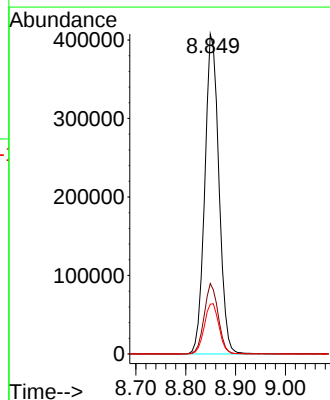
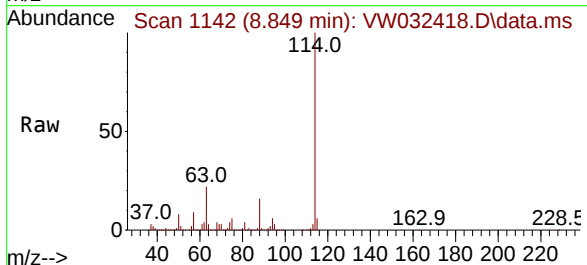
Instrument :
 MSVOA_W
 ClientSampleId :

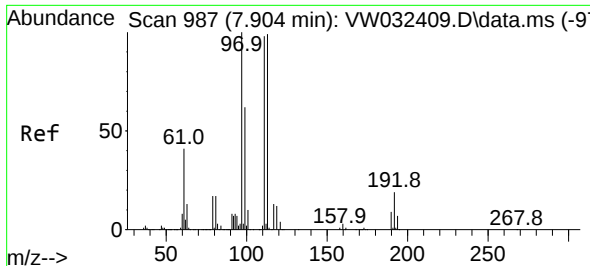
Tgt Ion: 65 Resp: 273700
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

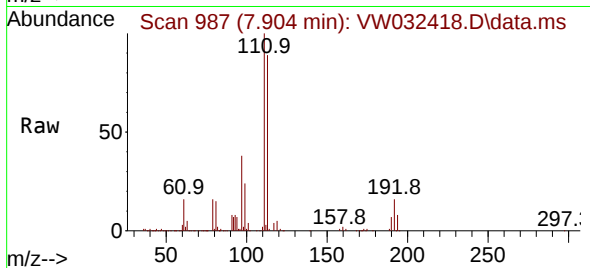
Tgt Ion: 114 Resp: 800811
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.8
 88 15.6 0.0 32.6



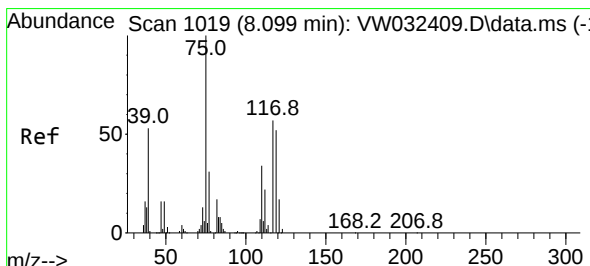
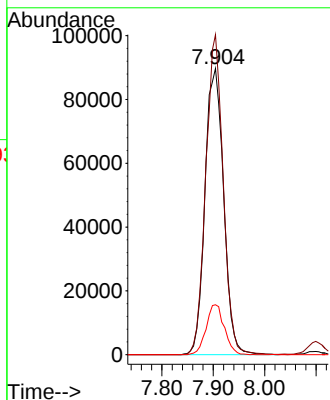
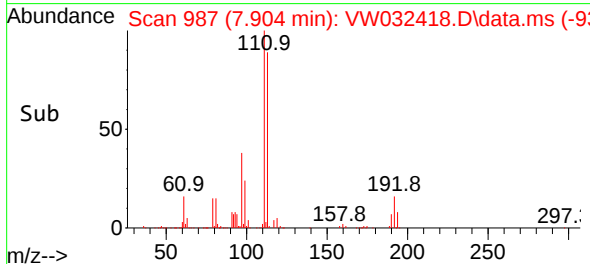


#35
Dibromofluoromethane
Concen: 47.139 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

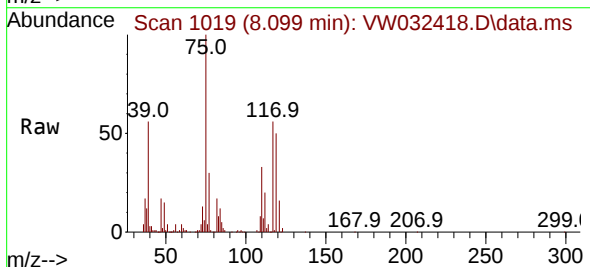
Instrument :
MSVOA_W
ClientSampleId :



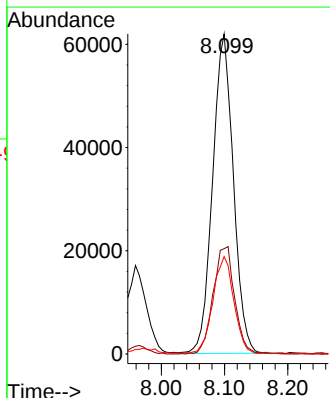
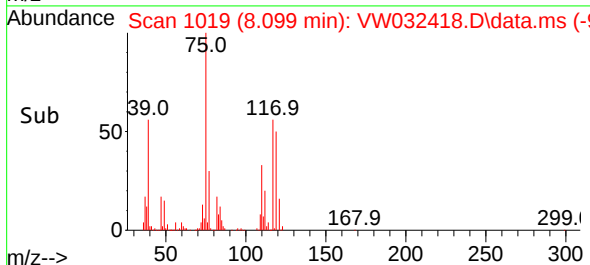
Tgt Ion:113 Resp: 226016
Ion Ratio Lower Upper
113 100
111 104.7 83.1 124.7
192 17.0 13.4 20.2

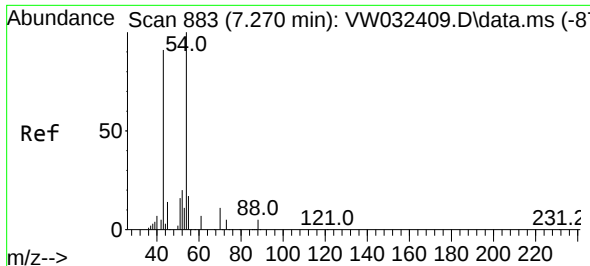


#36
1,1-Dichloropropene
Concen: 19.959 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21



Tgt Ion: 75 Resp: 140998
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 31.2 24.5 36.7

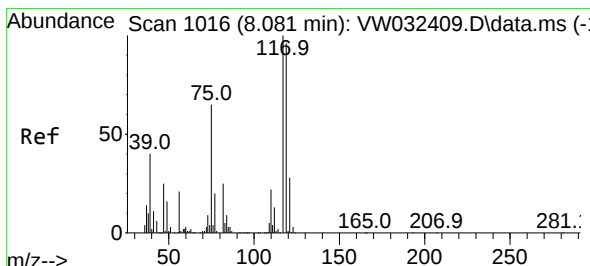
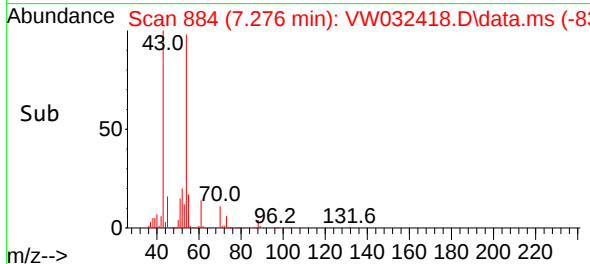
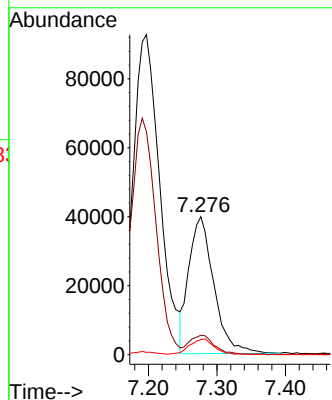
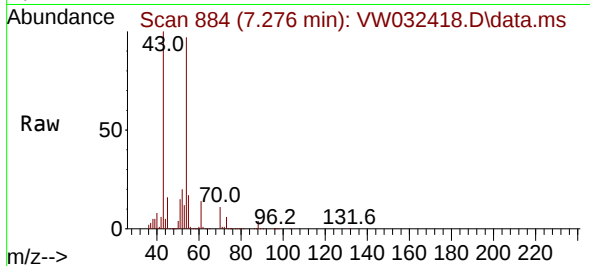




#37
Ethyl Acetate
Concen: 19.141 ug/l
RT: 7.276 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

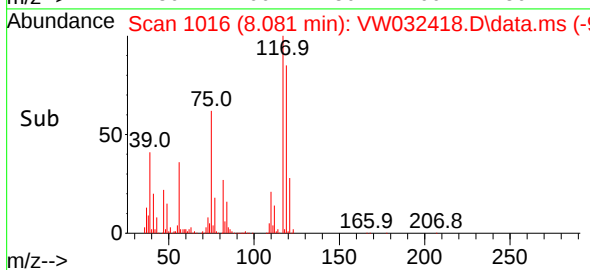
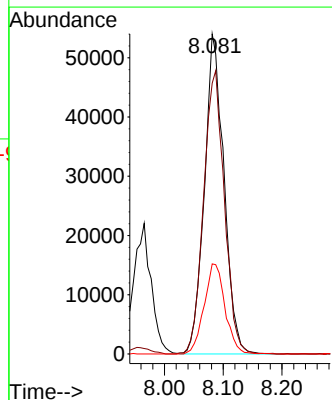
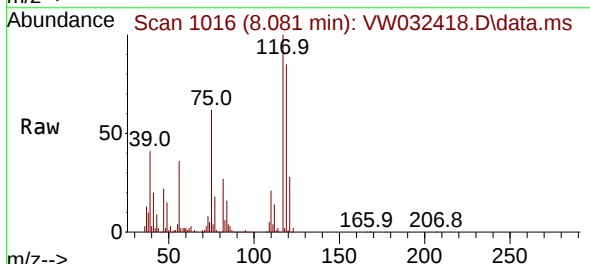
Instrument :
MSVOA_W
ClientSampleId :

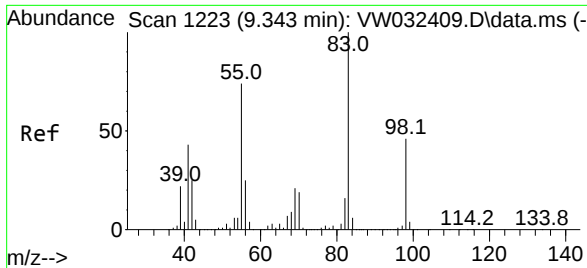
Tgt Ion: 43 Resp: 100549
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 11.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.910 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 117 Resp: 124977
Ion Ratio Lower Upper
117 100
119 84.6 77.0 115.4
121 28.1 22.0 33.0





#39

Methylcyclohexane

Concen: 19.435 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

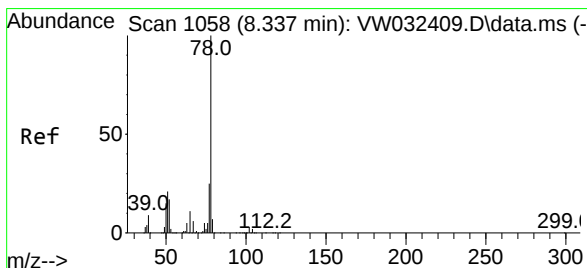
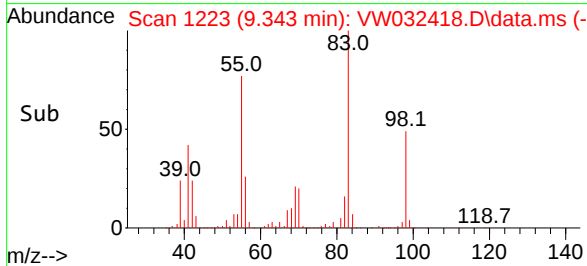
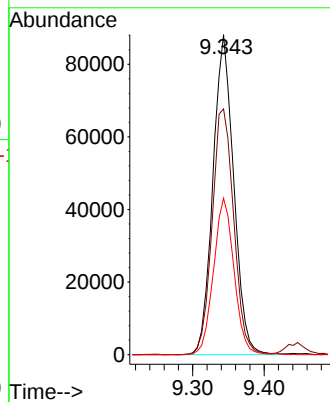
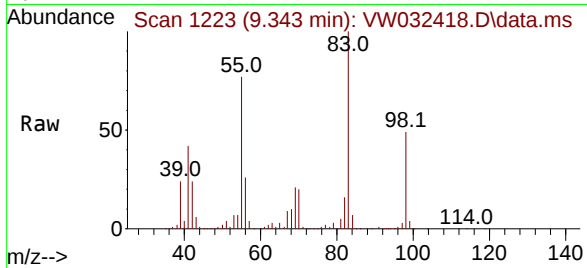
Tgt Ion: 83 Resp: 177867

Ion Ratio Lower Upper

83 100

55 76.8 59.2 88.8

98 48.9 36.6 54.8



#40

Benzene

Concen: 19.708 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032418.D

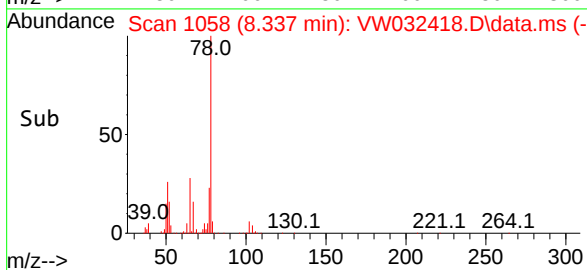
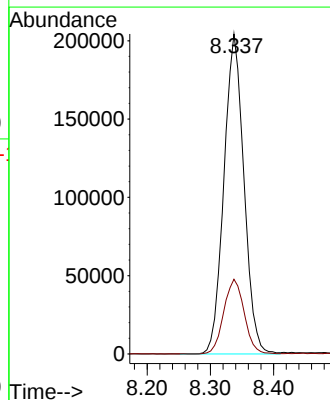
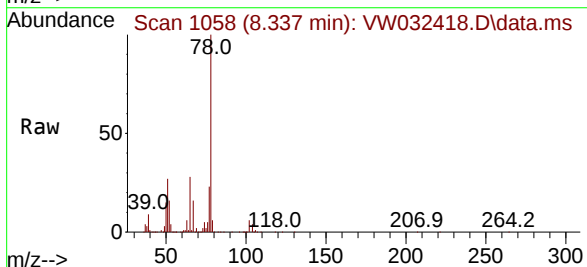
Acq: 11 Nov 2025 10:21

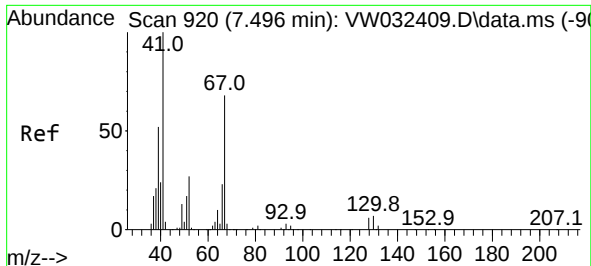
Tgt Ion: 78 Resp: 448366

Ion Ratio Lower Upper

78 100

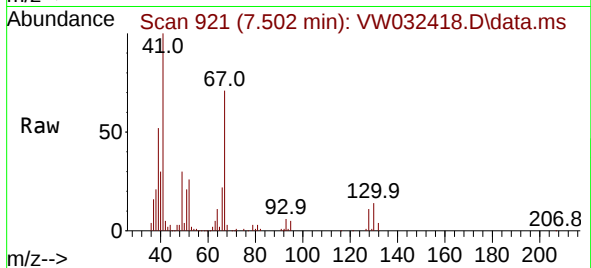
77 23.3 19.6 29.4



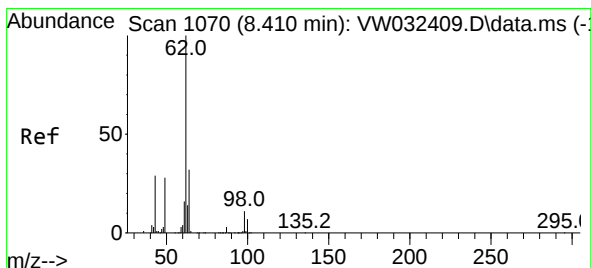
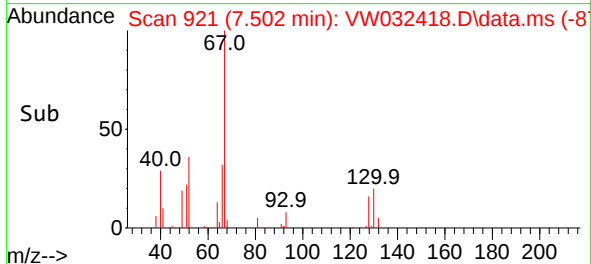
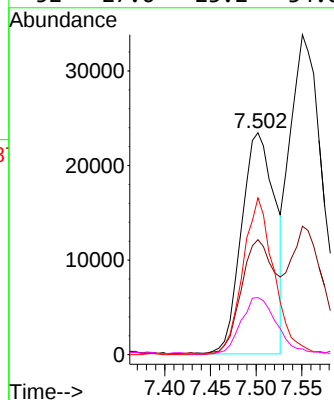


#41
Methacrylonitrile
Concen: 20.670 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Instrument :
MSVOA_W
ClientSampleId :

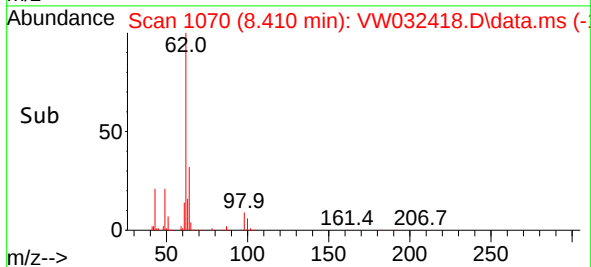
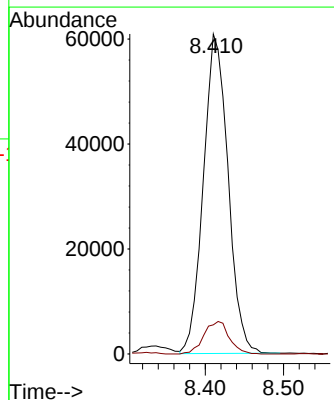
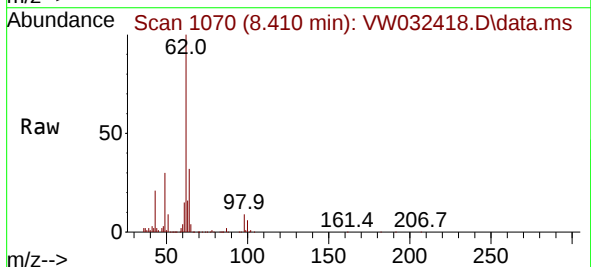


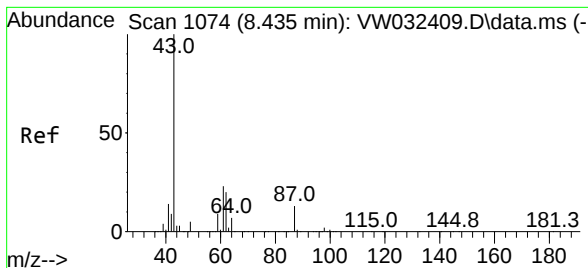
Tgt Ion:	41	Resp:	59648
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.6	66.8
67	66.4	57.6	86.4
52	27.6	23.2	34.8



#42
1,2-Dichloroethane
Concen: 19.929 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:	62	Resp:	133173
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.868 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

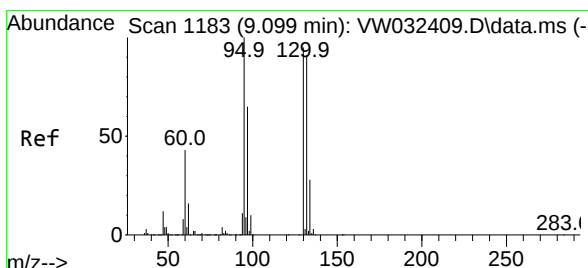
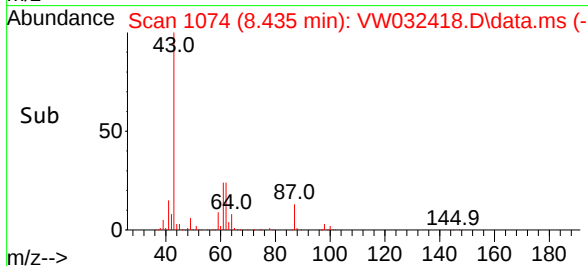
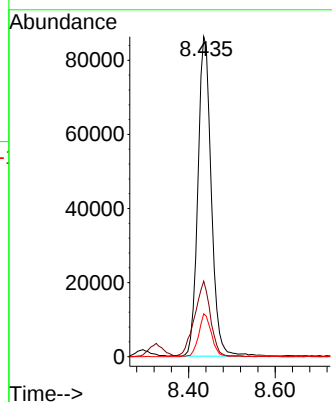
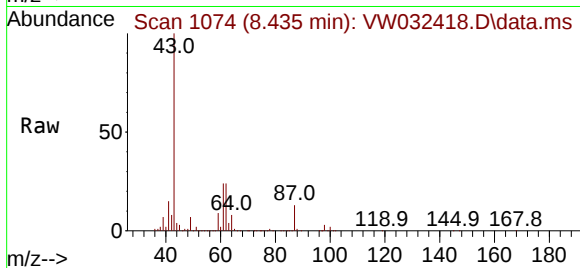
Tgt Ion: 43 Resp: 184803

Ion Ratio Lower Upper

43 100

61 28.2 22.6 33.8

87 12.8 10.6 15.8



#44

Trichloroethene

Concen: 19.510 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW032418.D

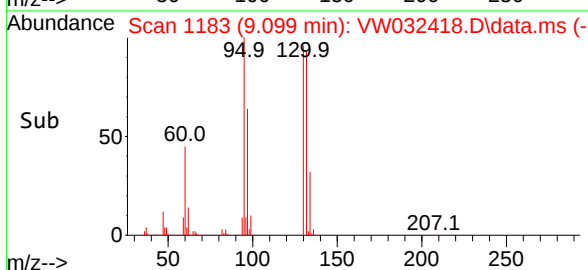
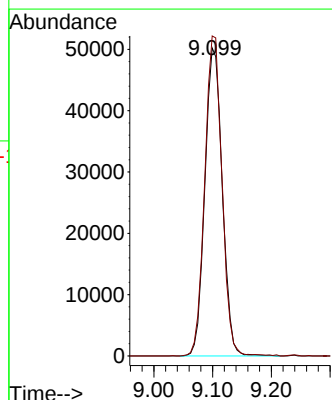
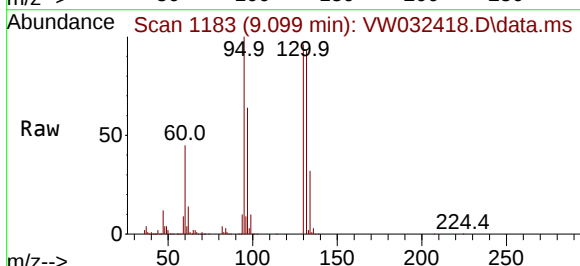
Acq: 11 Nov 2025 10:21

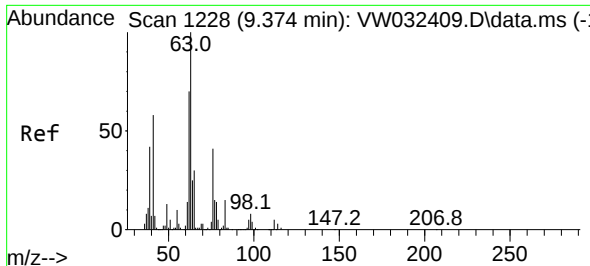
Tgt Ion:130 Resp: 103283

Ion Ratio Lower Upper

130 100

95 103.9 0.0 209.6





#45

1,2-Dichloropropane

Concen: 19.713 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

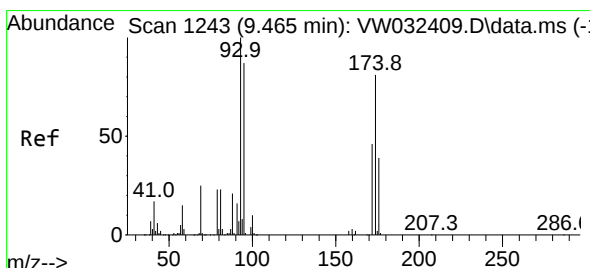
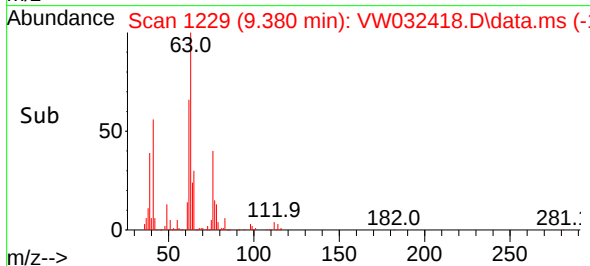
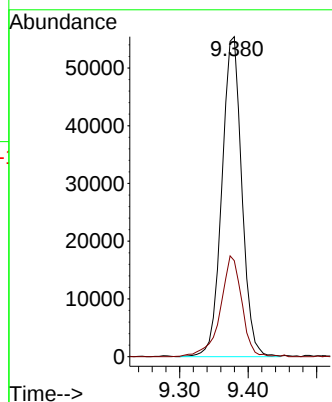
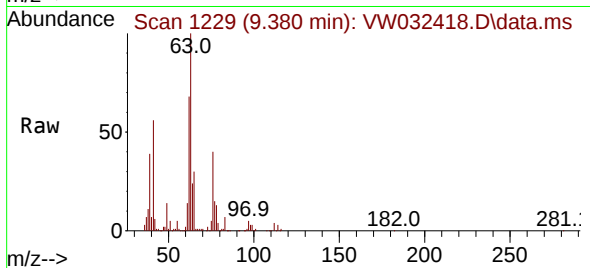
ClientSampleId :

Tgt Ion: 63 Resp: 111670

Ion Ratio Lower Upper

63 100

65 29.9 24.4 36.6



#46

Dibromomethane

Concen: 19.874 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

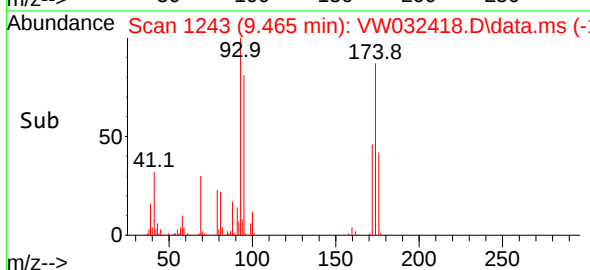
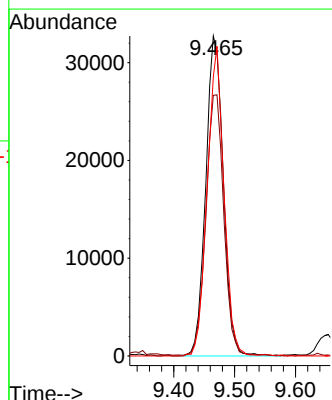
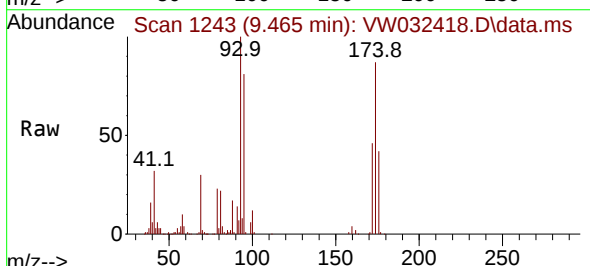
Tgt Ion: 93 Resp: 65788

Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 92.0 68.2 102.4

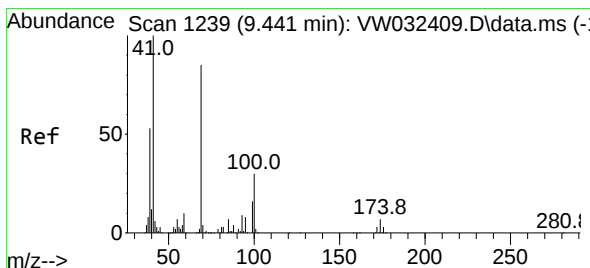
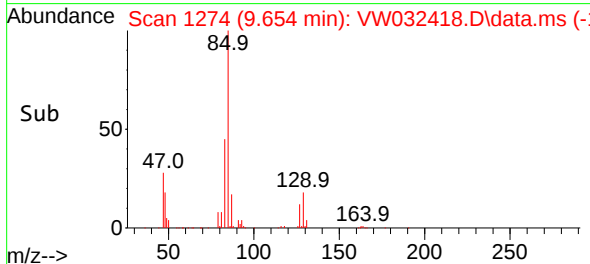
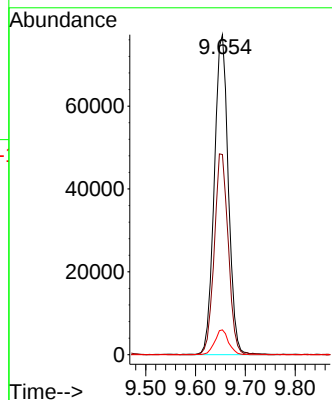
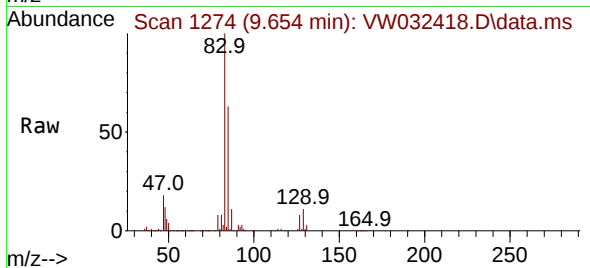




#47
Bromodichloromethane
Concen: 20.022 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

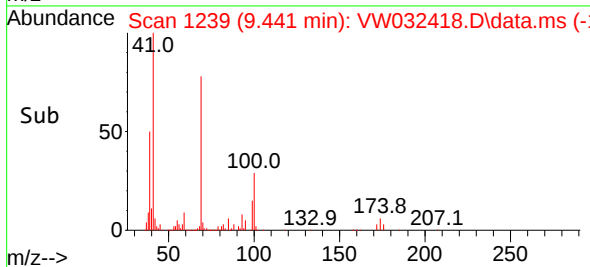
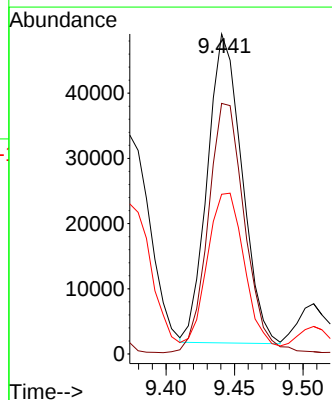
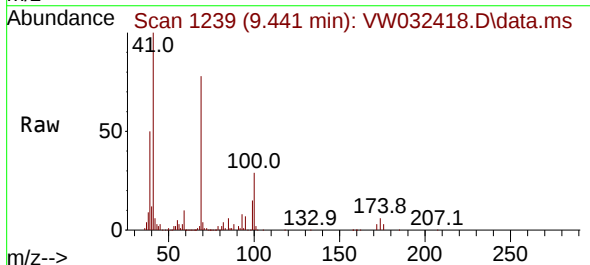
Instrument :
MSVOA_W
ClientSampleId :

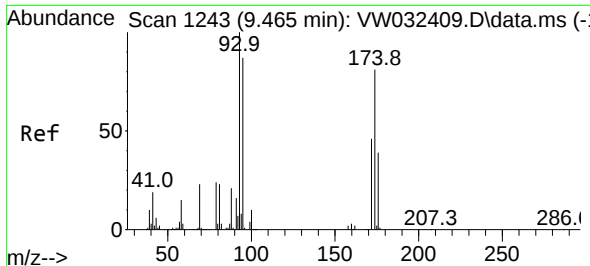
Tgt Ion: 83 Resp: 151191
Ion Ratio Lower Upper
83 100
85 62.5 48.7 73.1
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 18.759 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

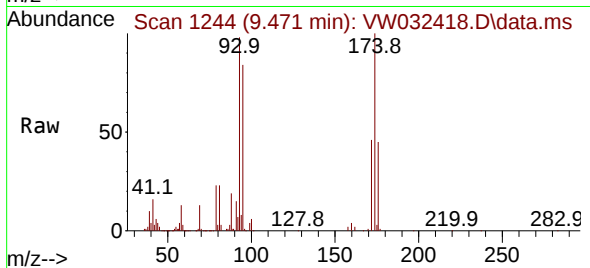
Tgt Ion: 41 Resp: 82916
Ion Ratio Lower Upper
41 100
69 86.4 65.8 98.6
39 52.5 38.6 57.8



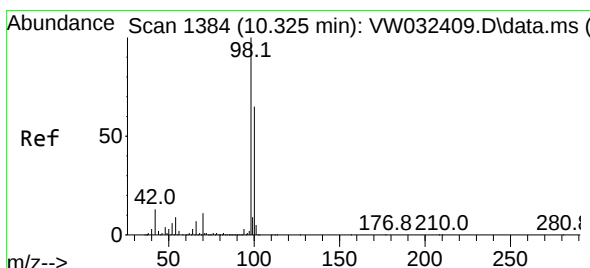
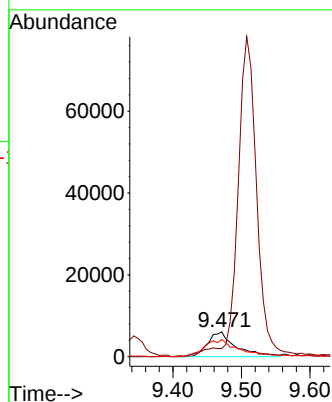
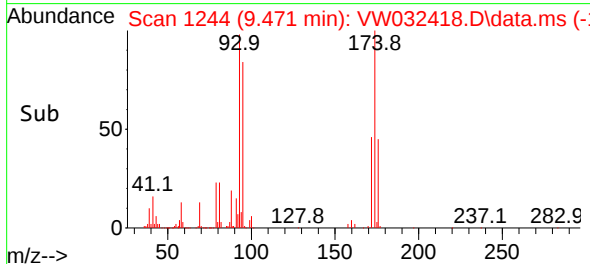


#49
1,4-Dioxane
Concen: 370.018 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Instrument :
MSVOA_W
ClientSampleId :

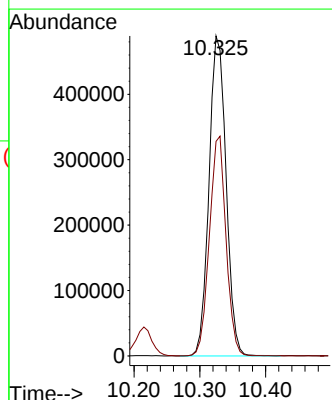
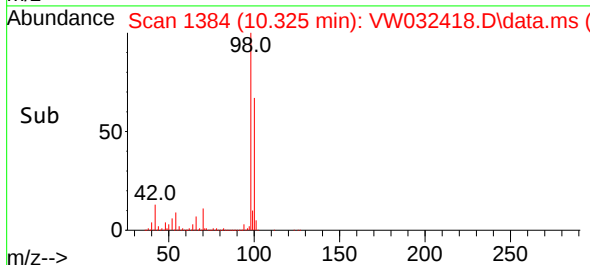
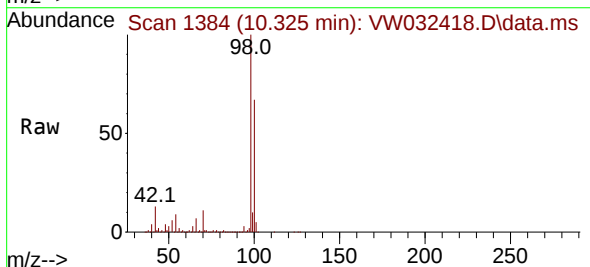


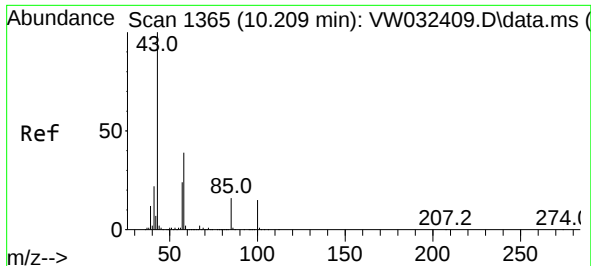
Tgt Ion: 88 Resp: 17159
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 88.4 63.0 94.4



#50
Toluene-d8
Concen: 48.037 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 98 Resp: 883581
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9

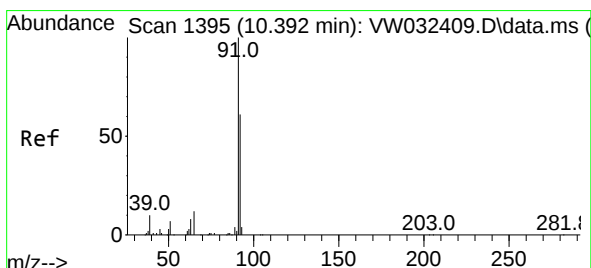
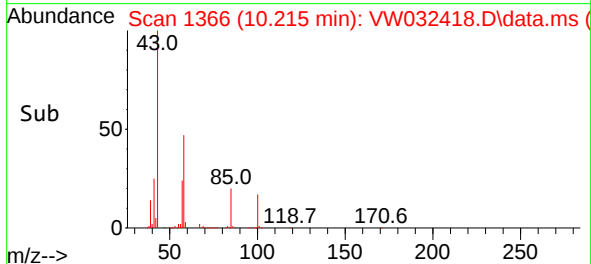
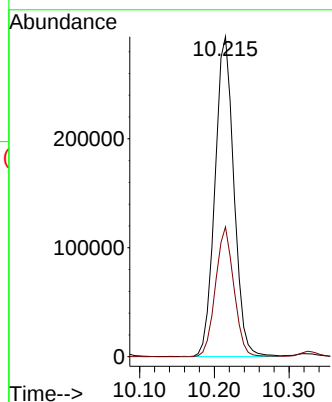
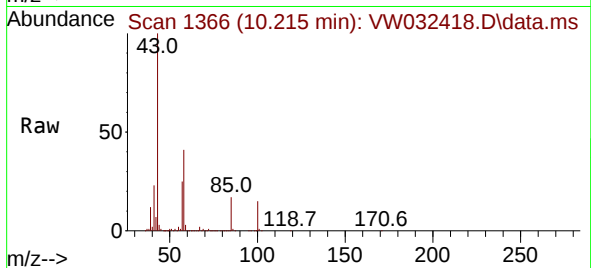




#51
4-Methyl-2-Pentanone
Concen: 100.397 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

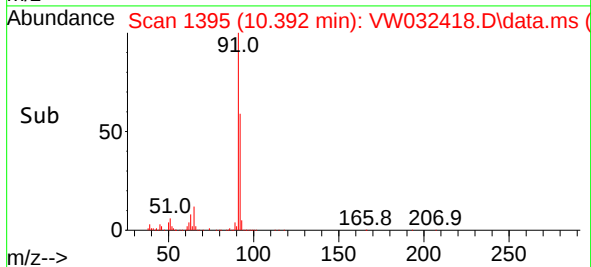
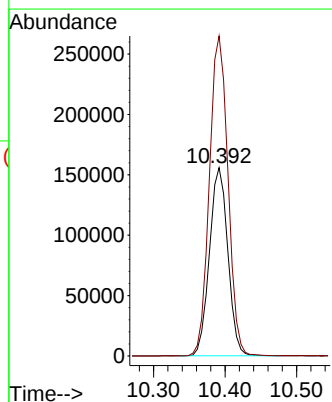
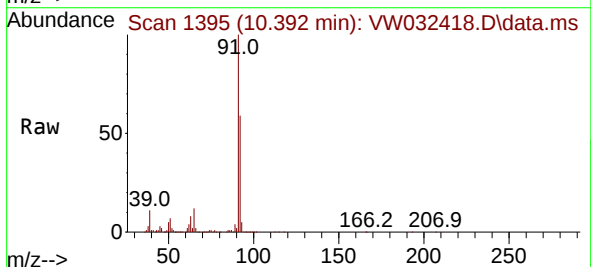
Instrument :
MSVOA_W
ClientSampleId :

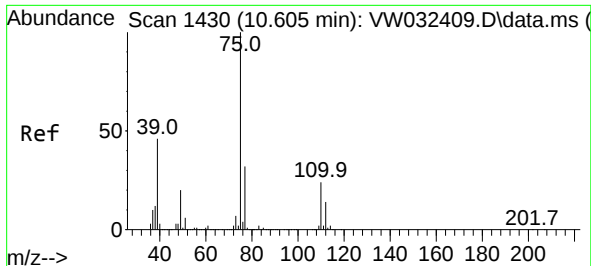
Tgt Ion: 43 Resp: 516256
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.2



#52
Toluene
Concen: 19.760 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 92 Resp: 277679
Ion Ratio Lower Upper
92 100
91 172.3 136.6 205.0

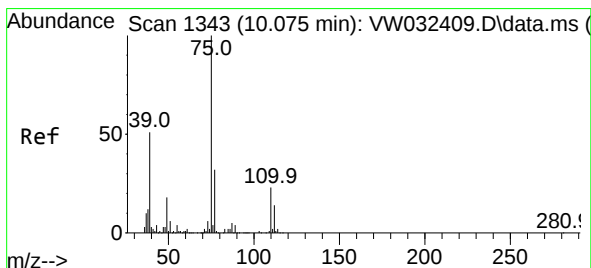
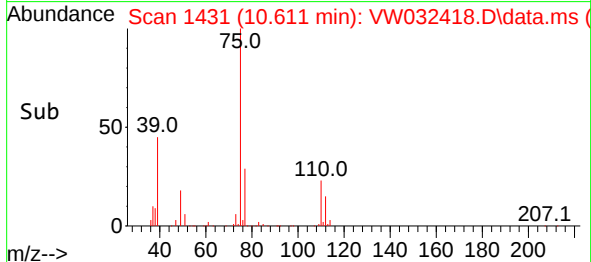
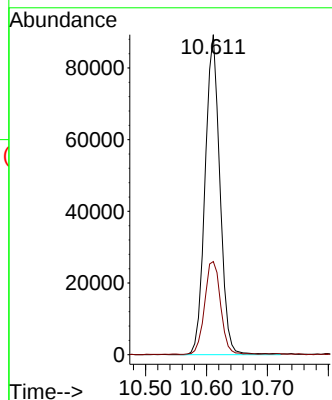
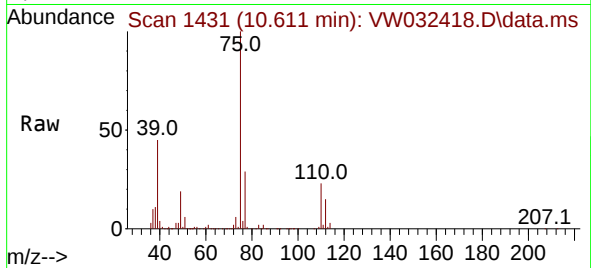




#53
 t-1,3-Dichloropropene
 Concen: 19.395 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

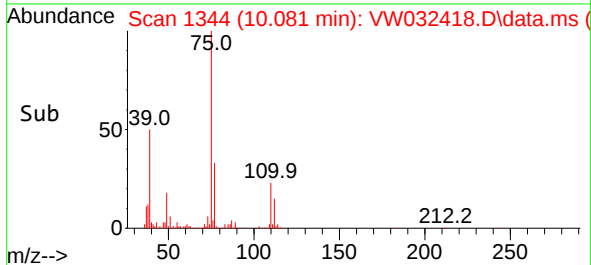
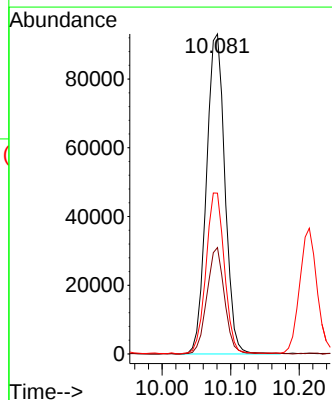
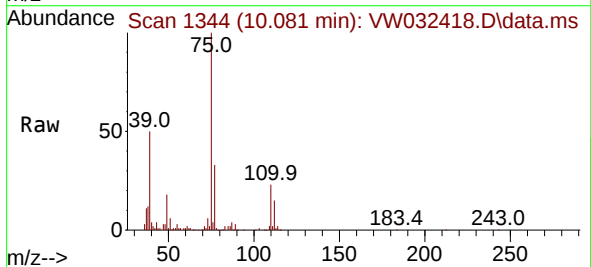
Instrument :
 MSVOA_W
 ClientSampleId :

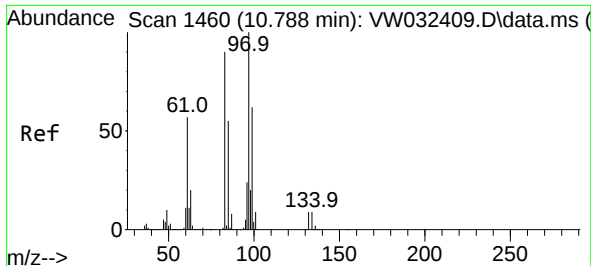
Tgt Ion: 75 Resp: 150828
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.454 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

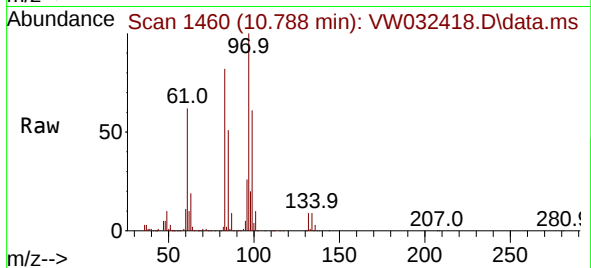
Tgt Ion: 75 Resp: 174953
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4
 39 50.3 40.7 61.1



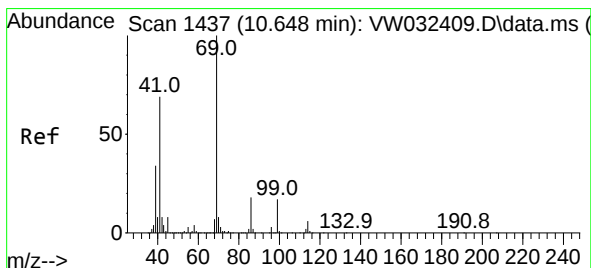
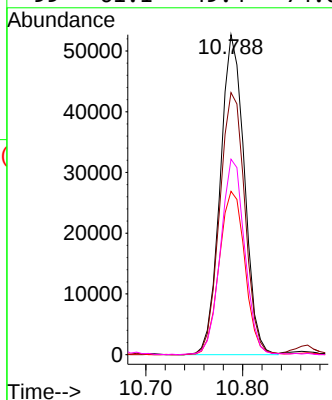
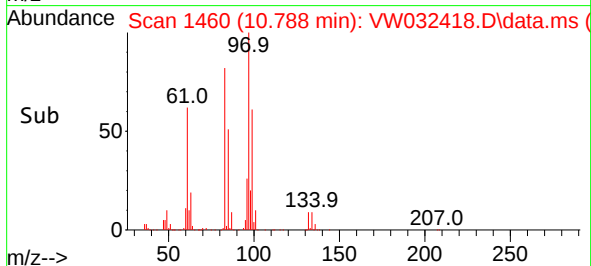


#55
1,1,2-Trichloroethane
Concen: 20.132 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Instrument :
MSVOA_W
ClientSampleId :

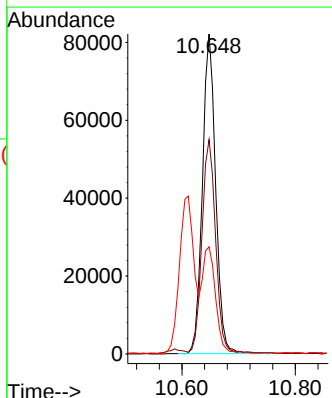
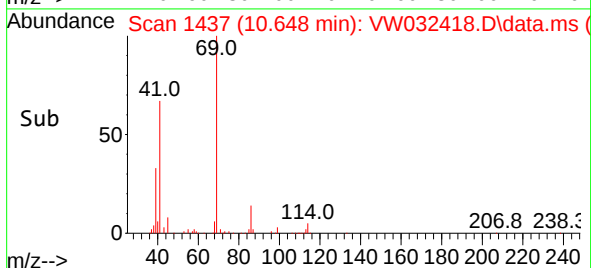
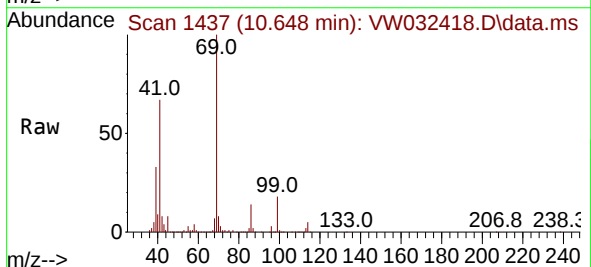


Tgt Ion:	97	Resp:	91425
Ion	Ratio	Lower	Upper
97	100		
83	81.9	72.2	108.4
85	51.0	43.8	65.8
99	61.1	49.4	74.0



#56
Ethyl methacrylate
Concen: 19.098 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:	69	Resp:	133070
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.4	81.6
39	33.0	25.4	38.0





#57

1,3-Dichloropropane

Concen: 20.073 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

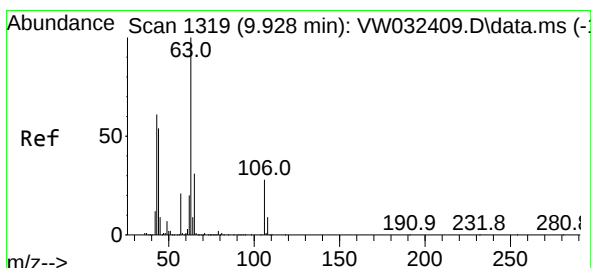
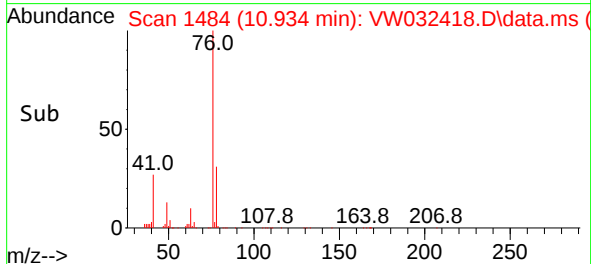
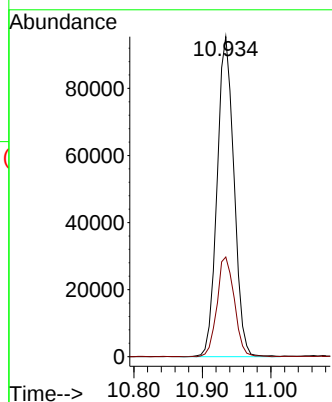
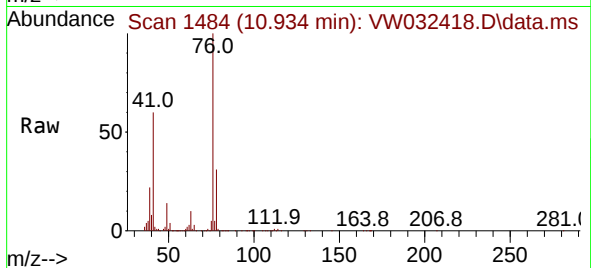
ClientSampleId :

Tgt Ion: 76 Resp: 162811

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.910 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032418.D

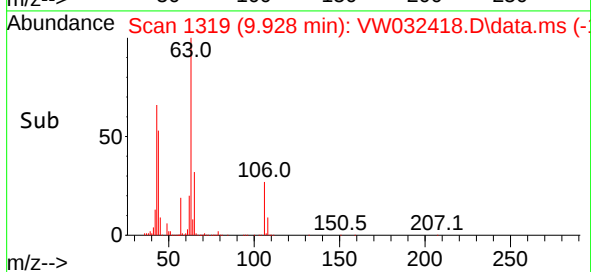
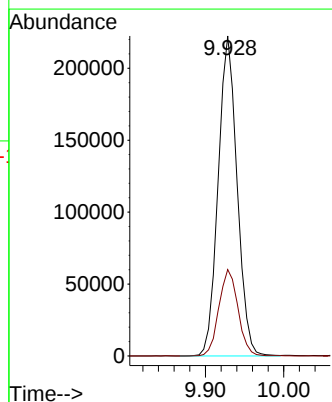
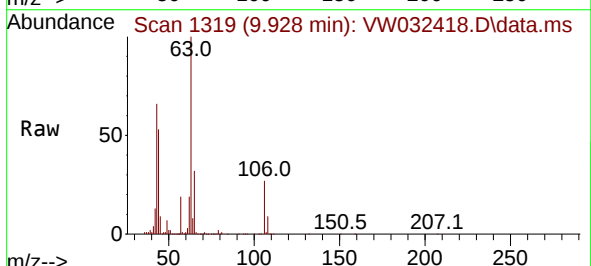
Acq: 11 Nov 2025 10:21

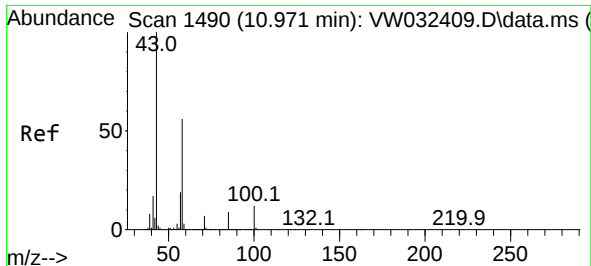
Tgt Ion: 63 Resp: 374443

Ion Ratio Lower Upper

63 100

106 27.3 22.0 33.0





#59

2-Hexanone

Concen: 100.756 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

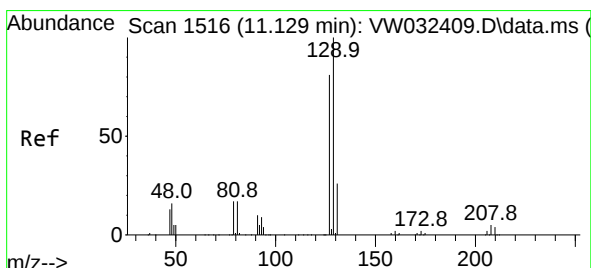
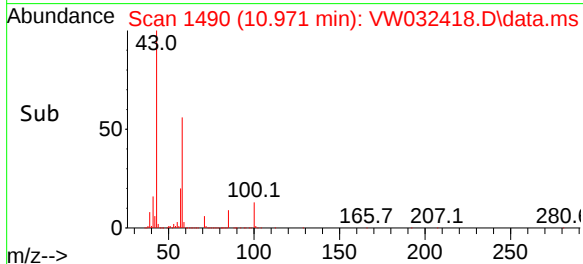
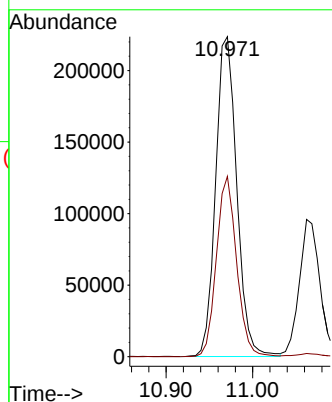
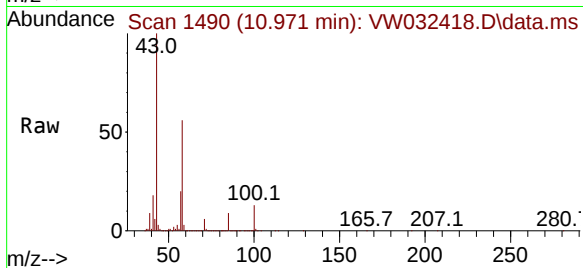
ClientSampleId :

Tgt Ion: 43 Resp: 379060

Ion Ratio Lower Upper

43 100

58 53.9 27.4 82.2



#60

Dibromochloromethane

Concen: 19.678 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032418.D

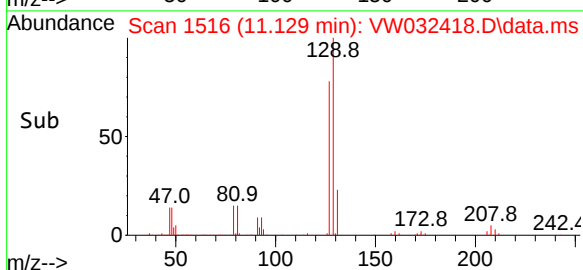
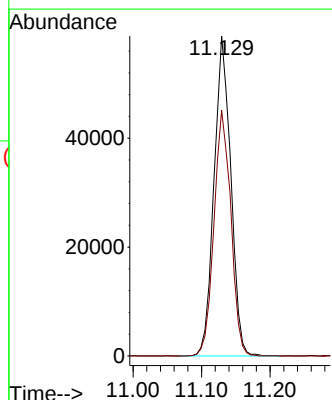
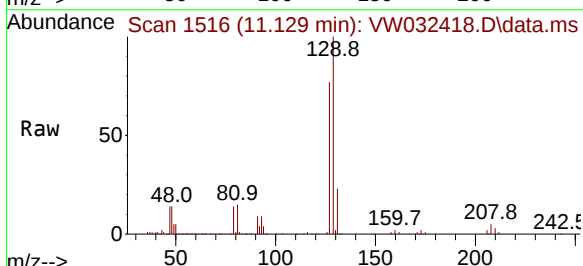
Acq: 11 Nov 2025 10:21

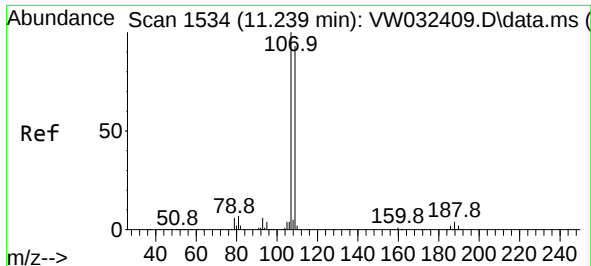
Tgt Ion:129 Resp: 99792

Ion Ratio Lower Upper

129 100

127 77.3 39.2 117.6

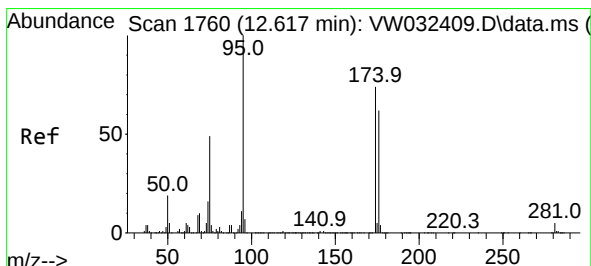
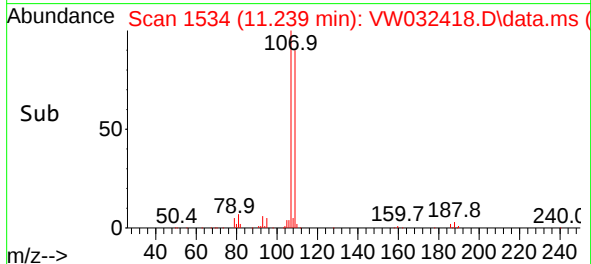
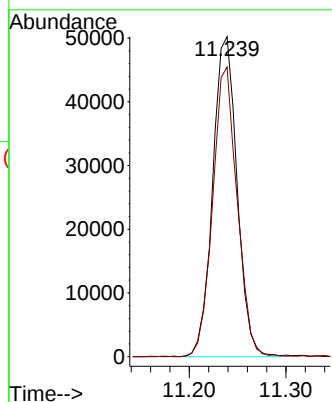
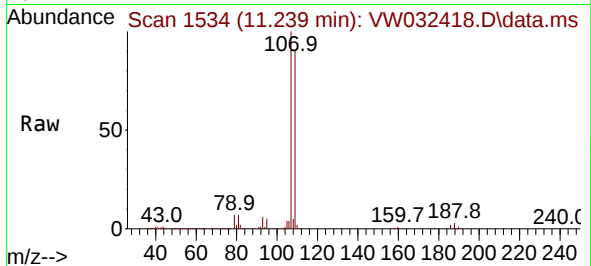




#61
1,2-Dibromoethane
Concen: 19.817 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

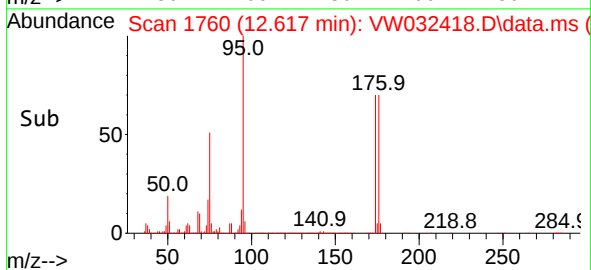
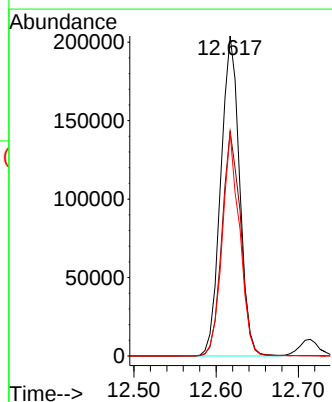
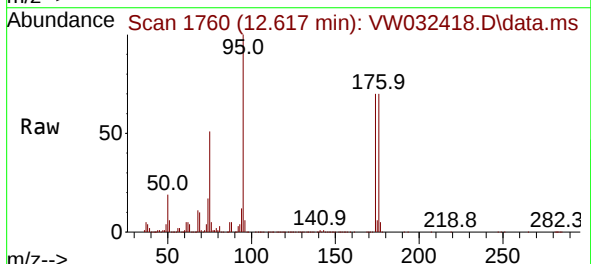
Instrument :
MSVOA_W
ClientSampleId :

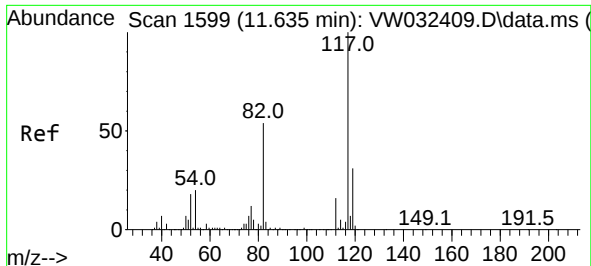
Tgt Ion: 107 Resp: 87650
Ion Ratio Lower Upper
107 100
109 91.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 95 Resp: 324060
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.4
176 64.8 0.0 131.8

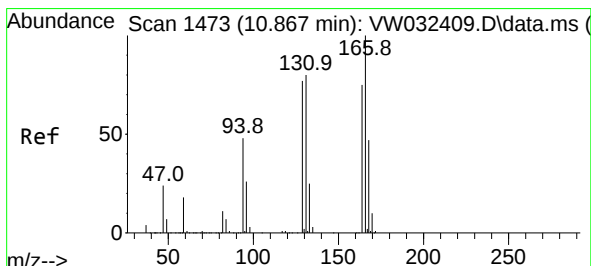
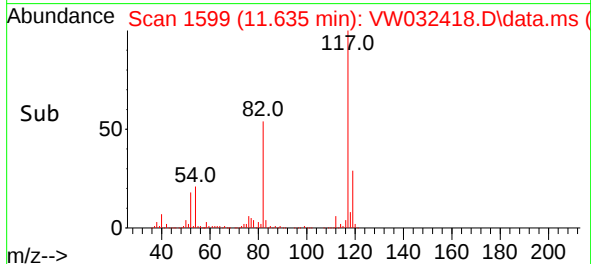
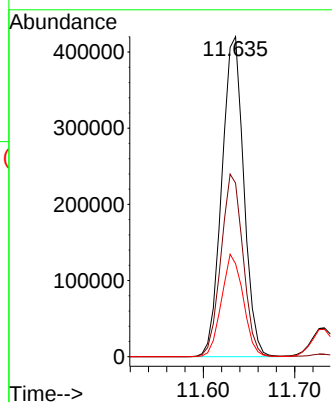
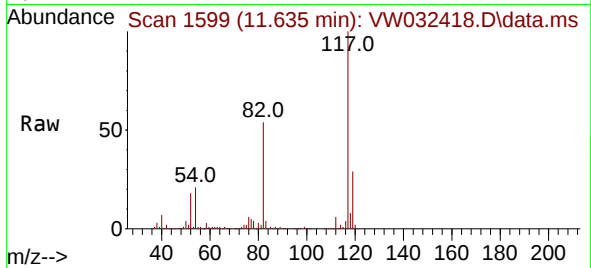




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

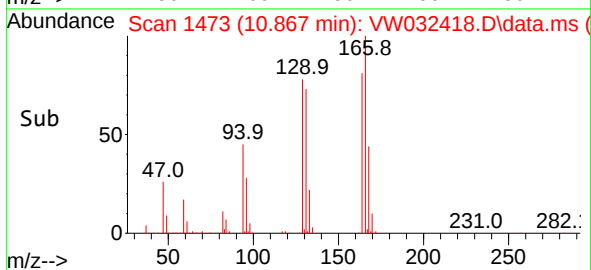
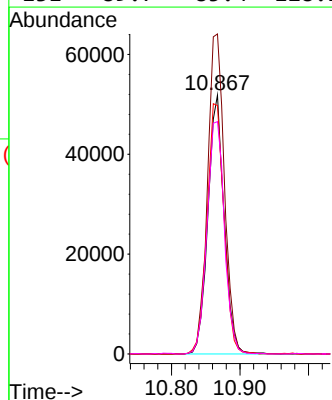
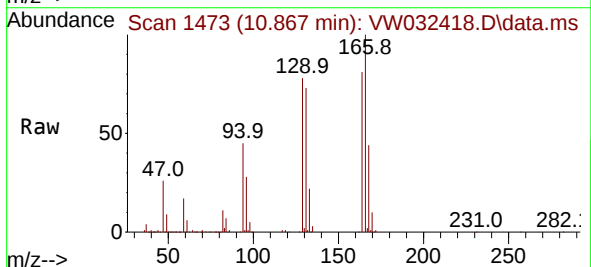
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 702782
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 29.1 25.0 37.6



#64
Tetrachloroethene
Concen: 20.488 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:164 Resp: 85265
Ion Ratio Lower Upper
164 100
166 123.6 107.0 160.4
129 96.0 82.9 124.3
131 89.7 85.4 128.2





#65

Chlorobenzene

Concen: 19.653 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

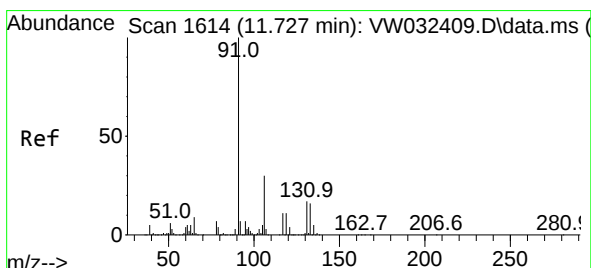
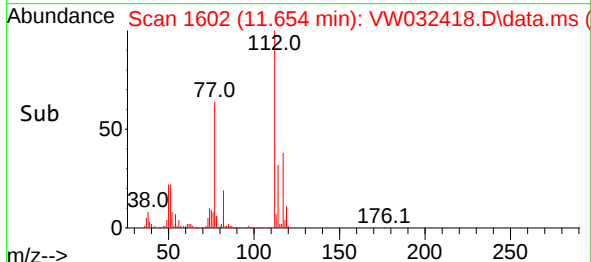
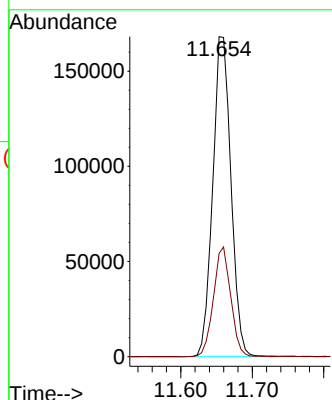
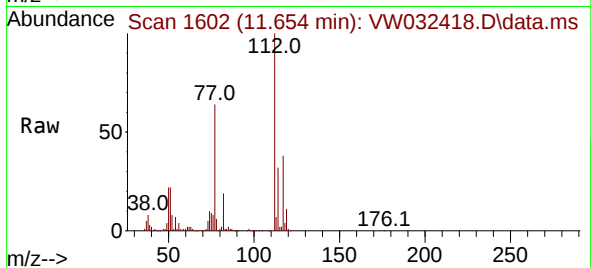
ClientSampleId :

Tgt Ion:112 Resp: 297697

Ion Ratio Lower Upper

112 100

114 32.2 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.762 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

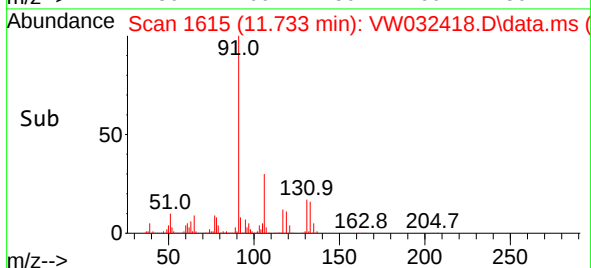
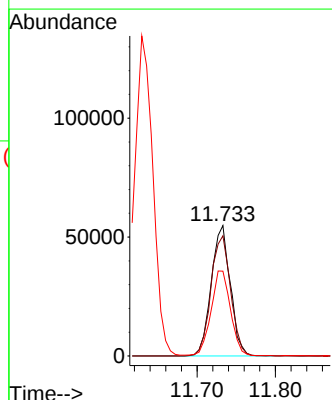
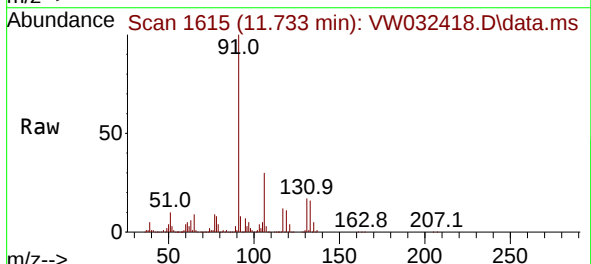
Tgt Ion:131 Resp: 92643

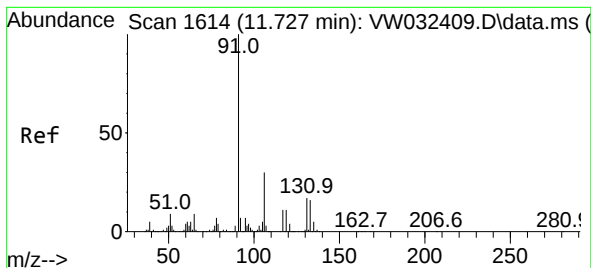
Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.6

119 67.0 33.4 100.2

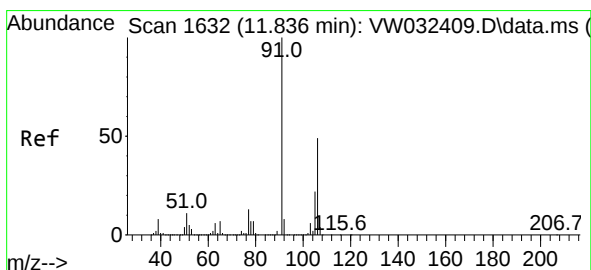
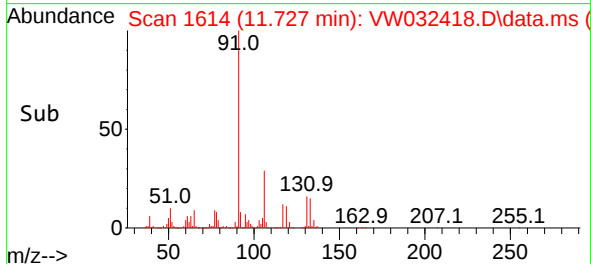
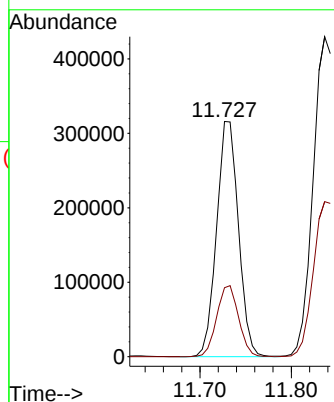
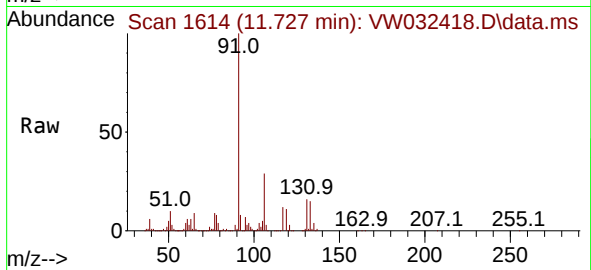




#67
Ethyl Benzene
Concen: 20.066 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

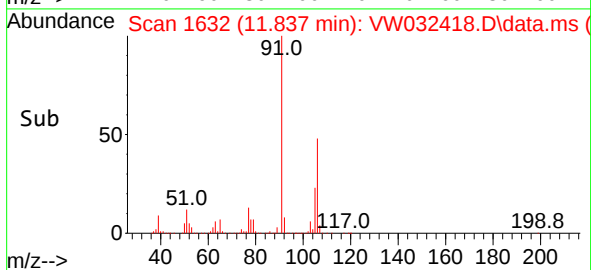
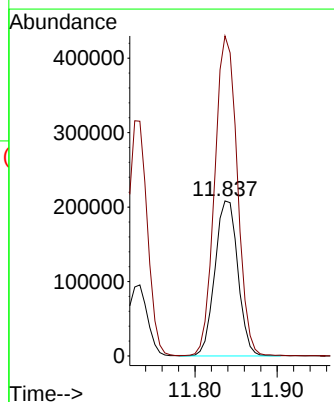
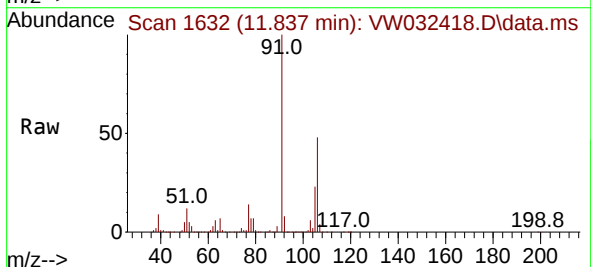
Instrument :
MSVOA_W
ClientSampleId :

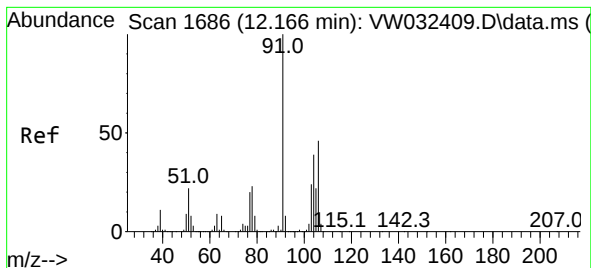
Tgt Ion: 91 Resp: 525915
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2



#68
m/p-Xylenes
Concen: 41.016 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:106 Resp: 403624
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3

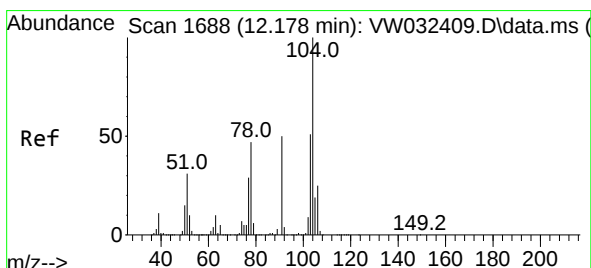
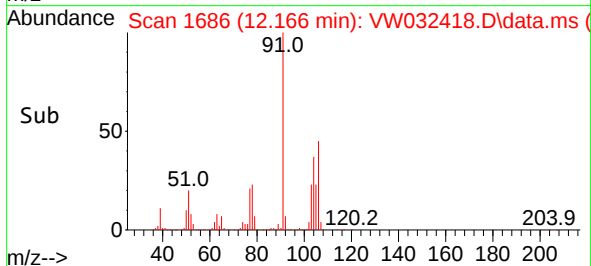
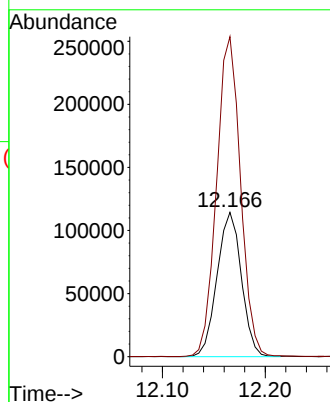
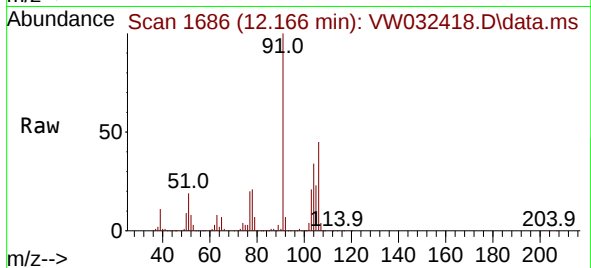




#69
o-Xylene
Concen: 19.953 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

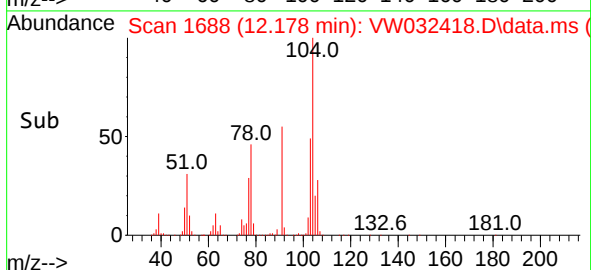
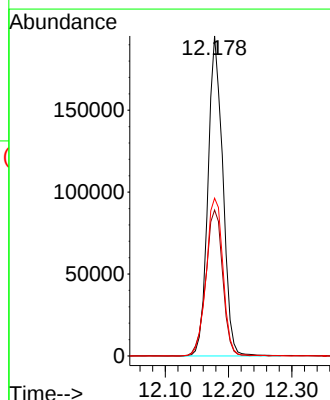
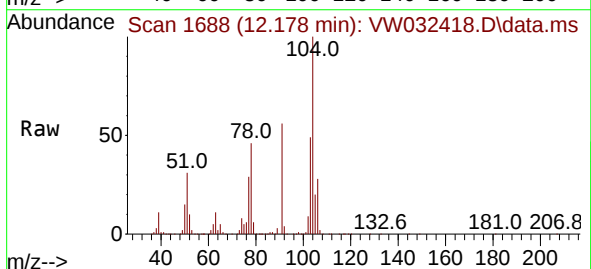
Instrument :
MSVOA_W
ClientSampleId :

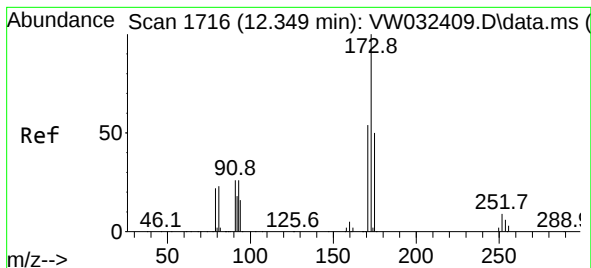
Tgt Ion:106 Resp: 188000
Ion Ratio Lower Upper
106 100
91 218.3 109.3 327.8



#70
Styrene
Concen: 19.723 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:104 Resp: 319683
Ion Ratio Lower Upper
104 100
78 51.7 40.7 61.1
103 55.5 43.9 65.9





#71

Bromoform

Concen: 19.536 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

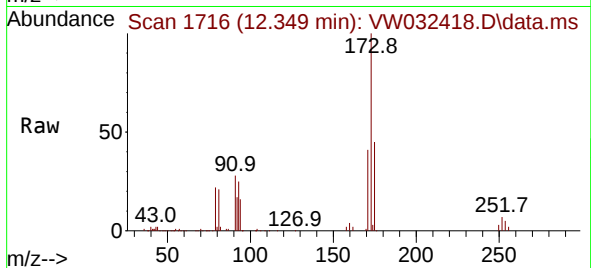
Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :



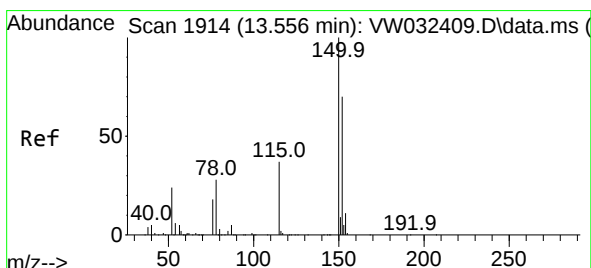
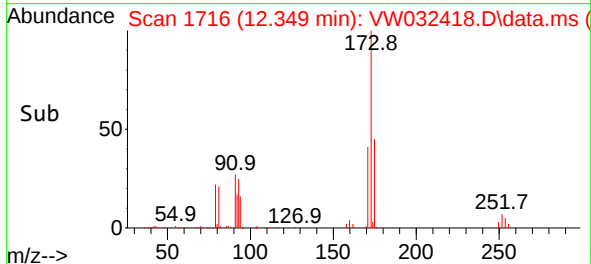
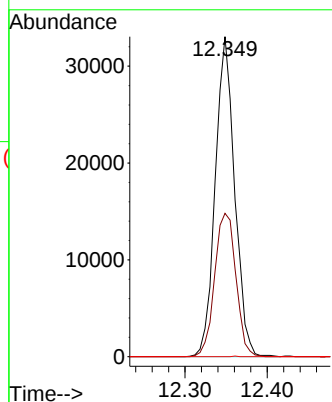
Tgt Ion:173 Resp: 54244

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

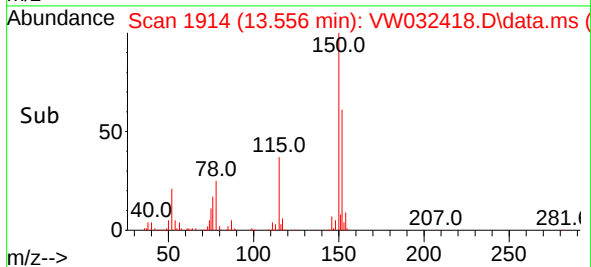
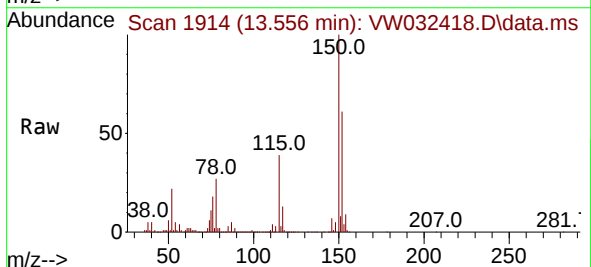
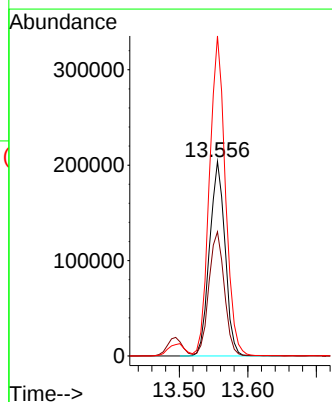
Tgt Ion:152 Resp: 321153

Ion Ratio Lower Upper

152 100

115 63.9 32.8 98.3

150 168.8 0.0 356.6





#73

Isopropylbenzene

Concen: 20.430 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

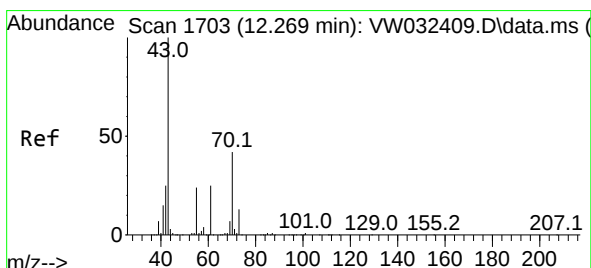
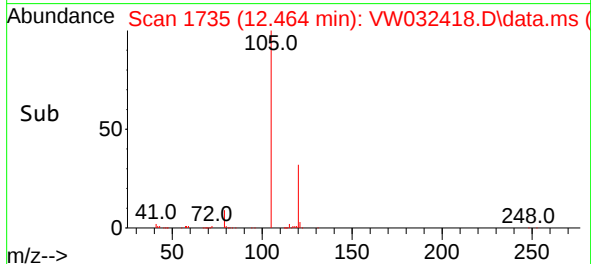
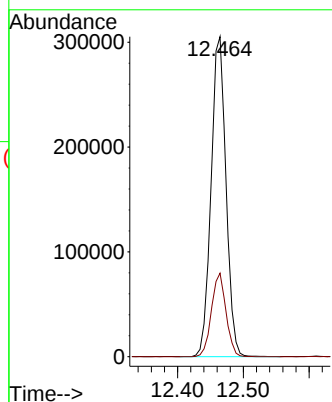
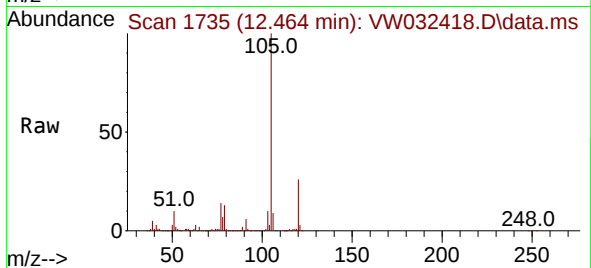
ClientSampleId :

Tgt Ion:105 Resp: 481887

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#74

N-ethyl acetate

Concen: 20.024 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Tgt Ion: 43 Resp: 164118

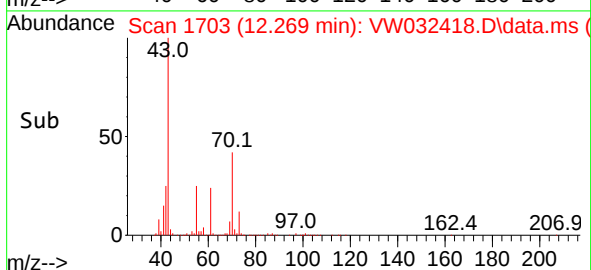
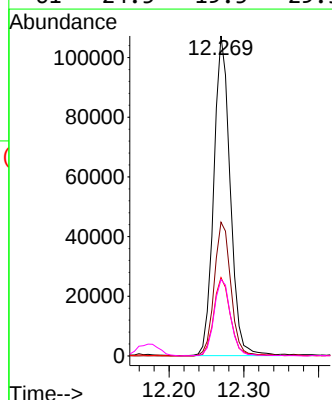
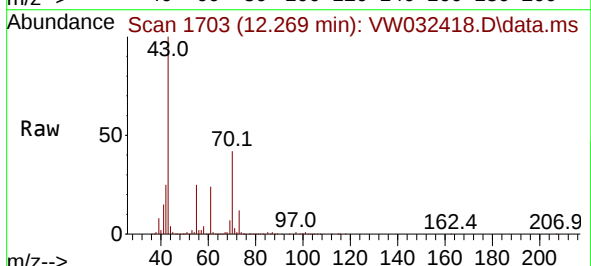
Ion Ratio Lower Upper

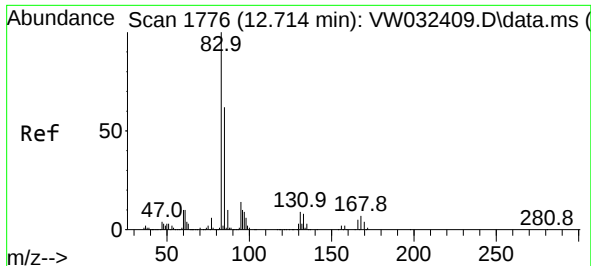
43 100

70 42.5 33.5 50.3

55 24.8 19.3 28.9

61 24.5 19.5 29.3

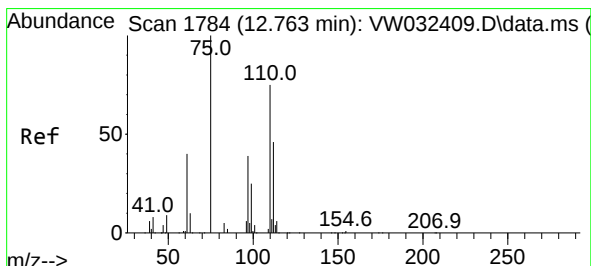
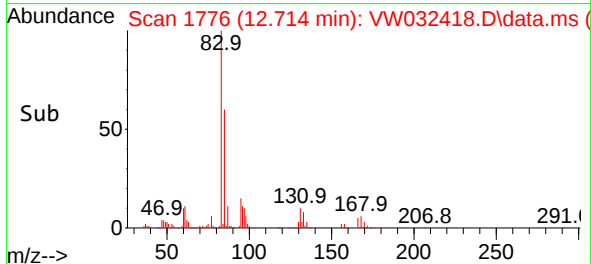
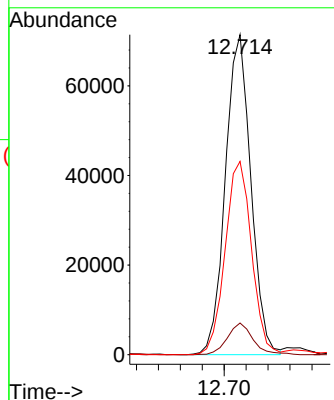
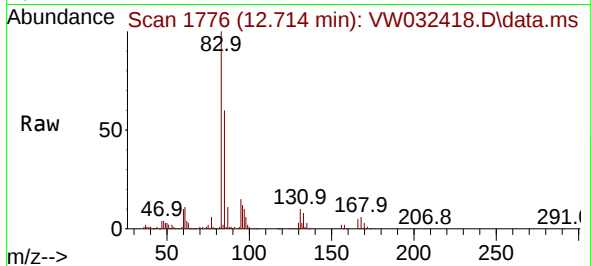




#75
1,1,2,2-Tetrachloroethane
Concen: 20.647 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

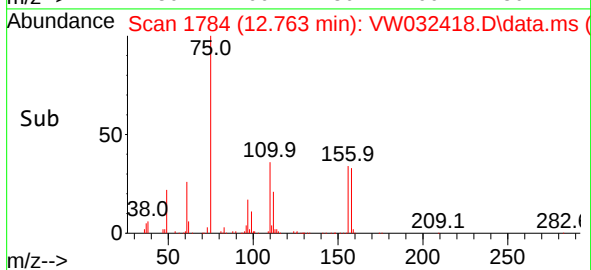
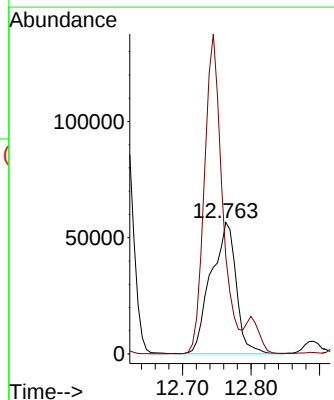
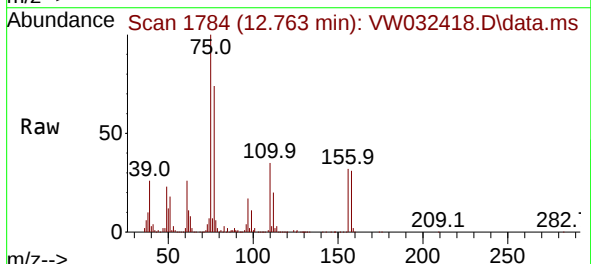
Instrument :
MSVOA_W
ClientSampleId :

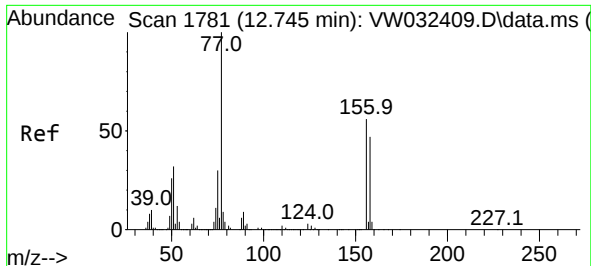
Tgt Ion: 83 Resp: 115575
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 62.5 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 32.690 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 75 Resp: 143953
Ion Ratio Lower Upper
75 100
77 175.3 151.6 454.8

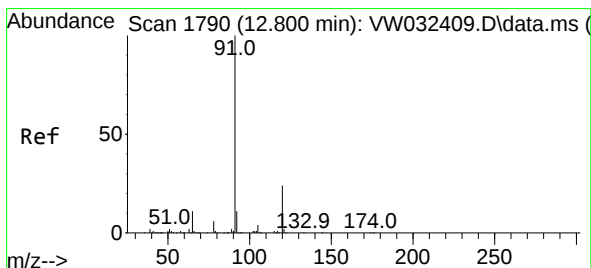
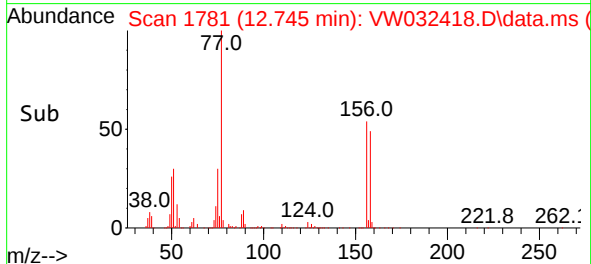
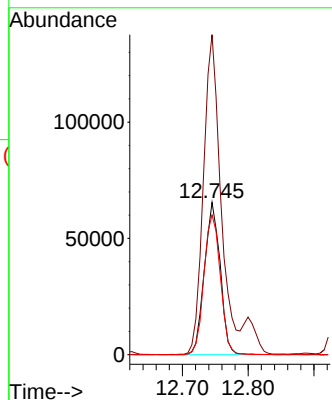
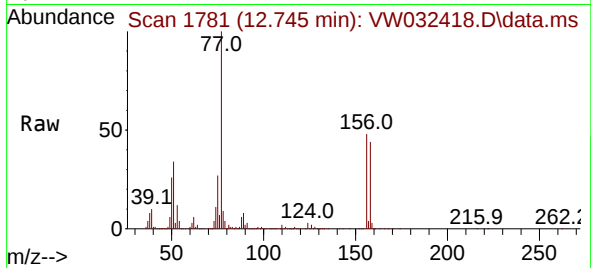




#77
Bromobenzene
Concen: 19.610 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

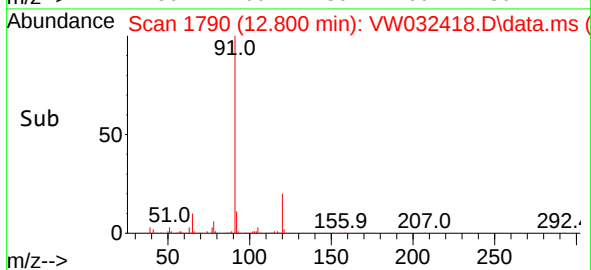
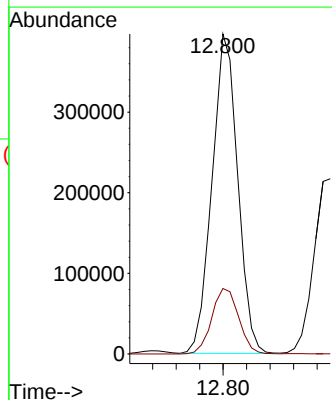
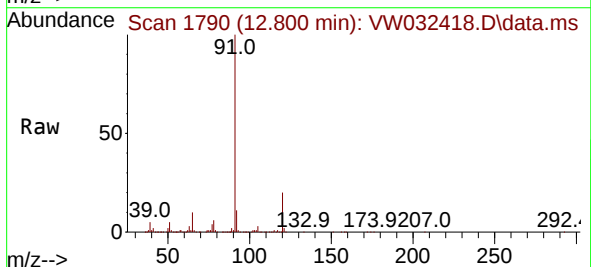
Instrument :
MSVOA_W
ClientSampleId :

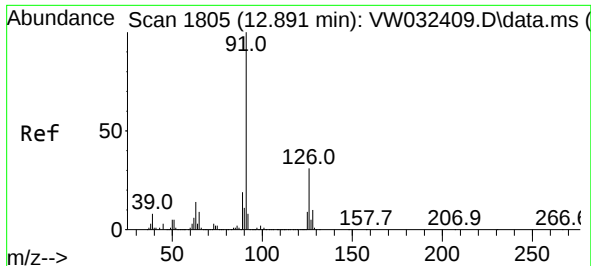
Tgt Ion:156 Resp: 109510
Ion Ratio Lower Upper
156 100
77 230.4 108.0 324.0
158 94.9 45.1 135.5



#78
n-propylbenzene
Concen: 20.937 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 91 Resp: 601404
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.9

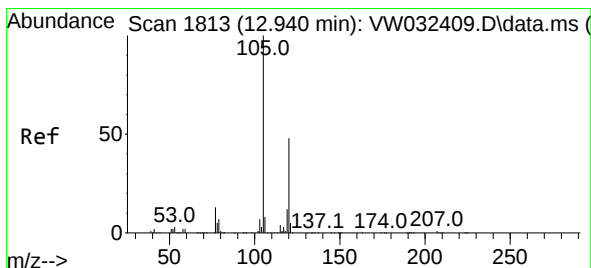
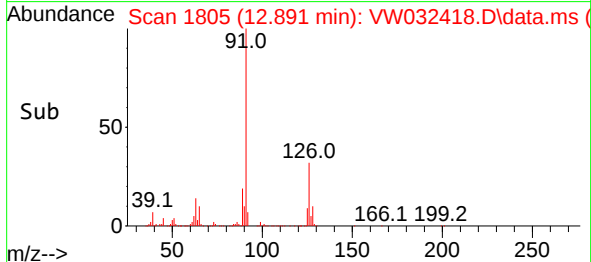
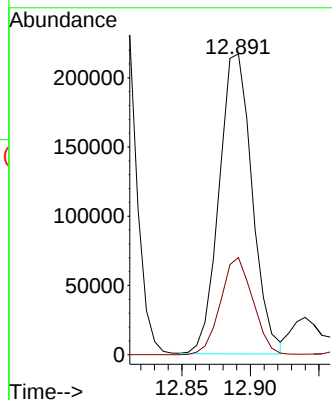
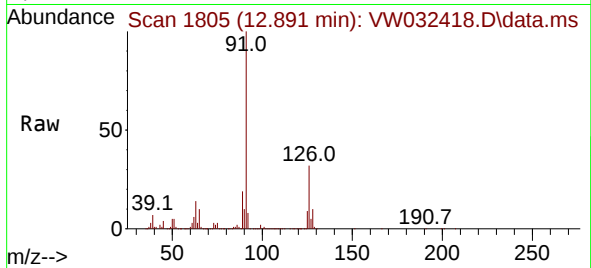




#79
2-Chlorotoluene
Concen: 20.749 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

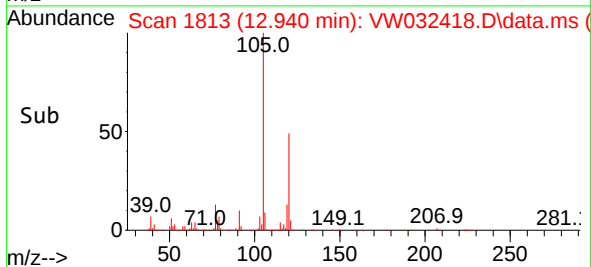
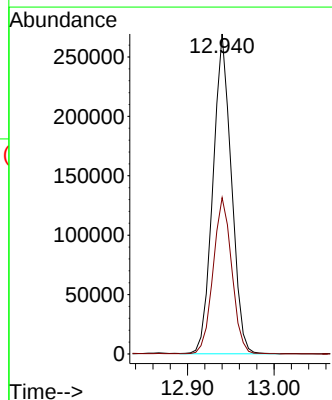
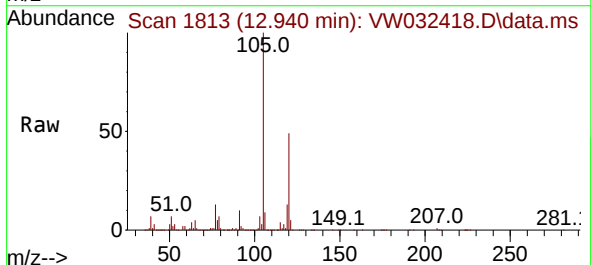
Instrument :
MSVOA_W
ClientSampleId :

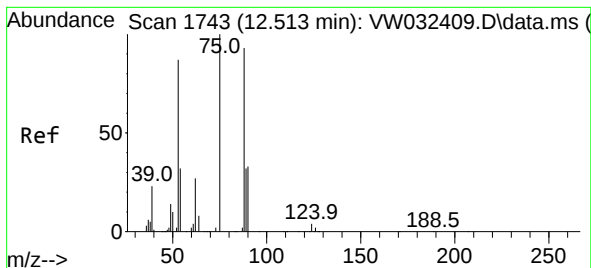
Tgt Ion: 91 Resp: 363834
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.471 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 105 Resp: 398351
Ion Ratio Lower Upper
105 100
120 49.6 24.2 72.6

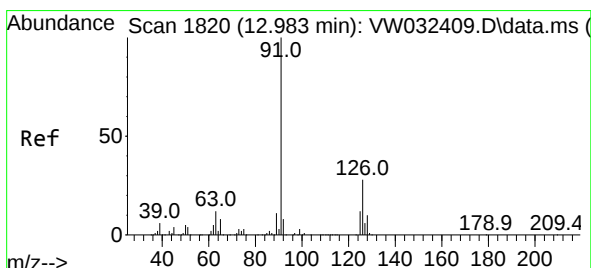
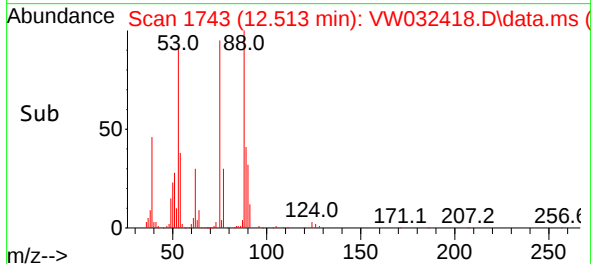
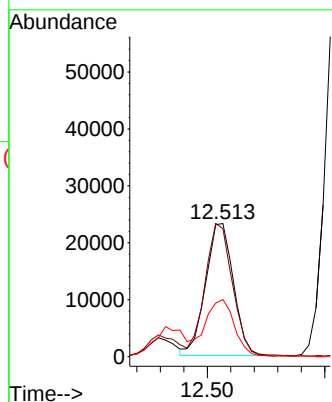
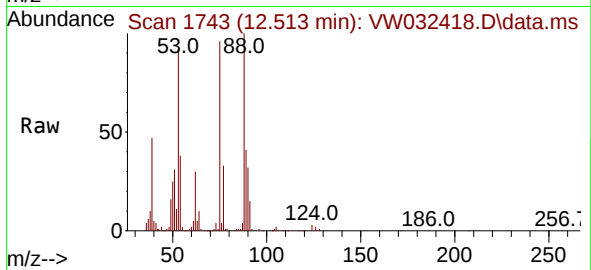




#81
trans-1,4-Dichloro-2-butene
Concen: 19.850 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

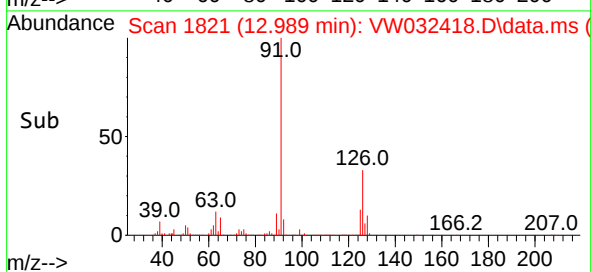
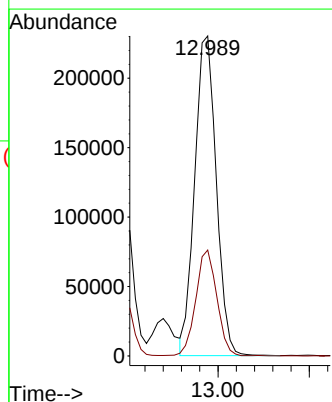
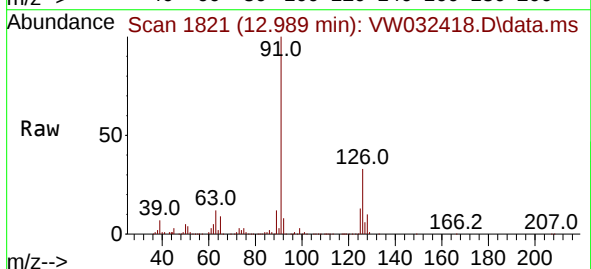
Instrument :
MSVOA_W
ClientSampleId :

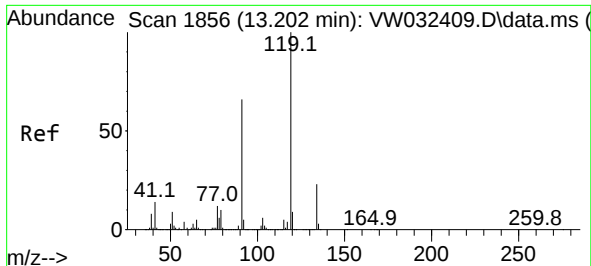
Tgt Ion: 75 Resp: 38164
Ion Ratio Lower Upper
75 100
53 99.3 77.8 116.8
89 45.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.680 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion: 91 Resp: 377160
Ion Ratio Lower Upper
91 100
126 32.1 15.5 46.5

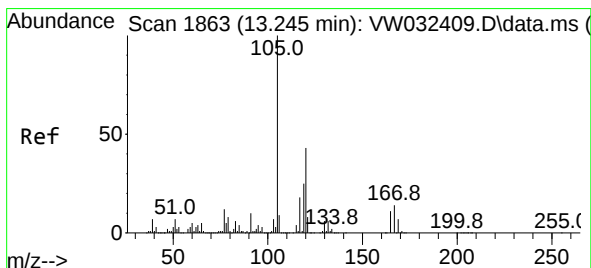
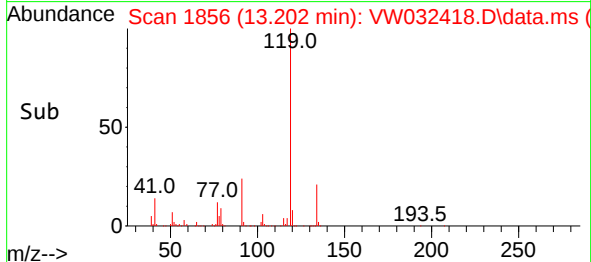
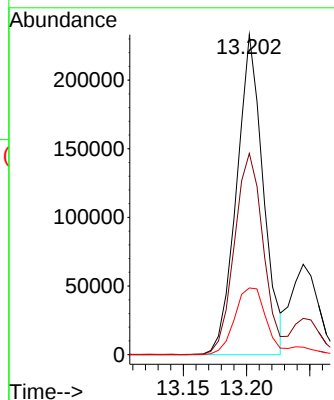
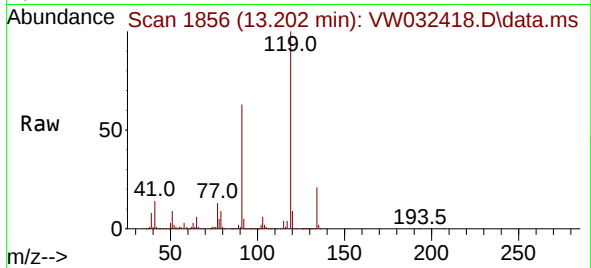




#83
tert-Butylbenzene
Concen: 20.219 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

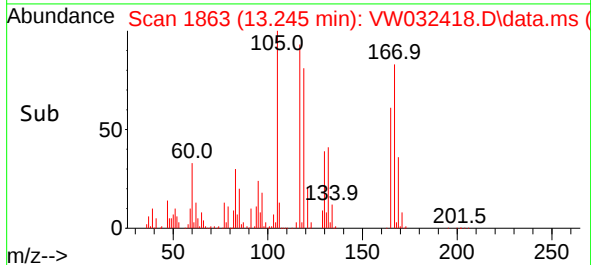
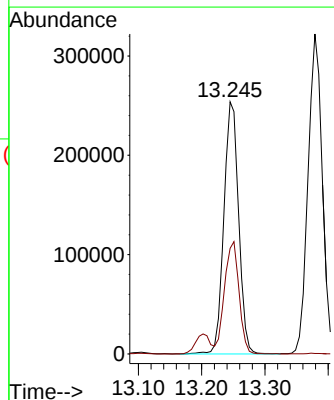
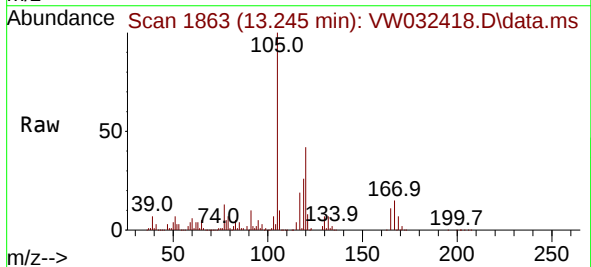
Instrument :
MSVOA_W
ClientSampleId :

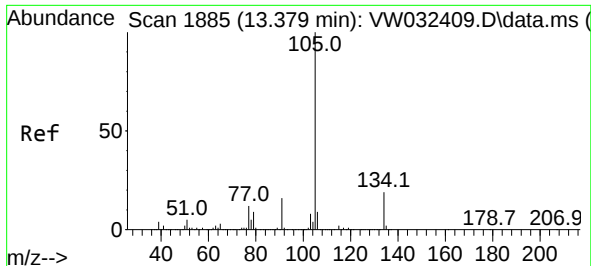
Tgt Ion:119 Resp: 342260
Ion Ratio Lower Upper
119 100
91 69.0 33.3 99.9
134 24.7 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 20.685 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032418.D
Acq: 11 Nov 2025 10:21

Tgt Ion:105 Resp: 409387
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5

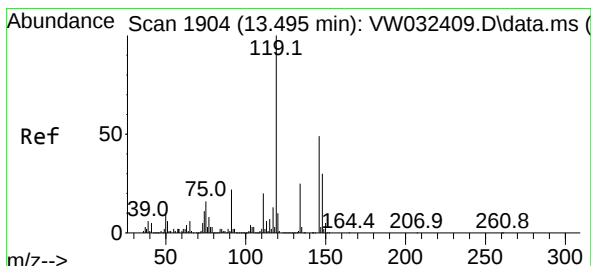
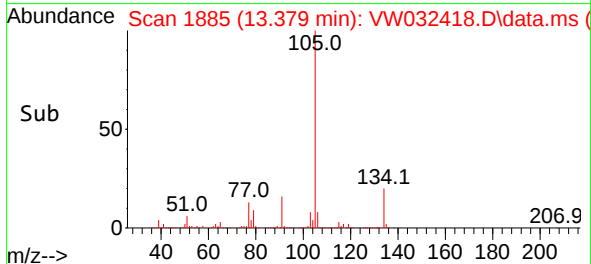
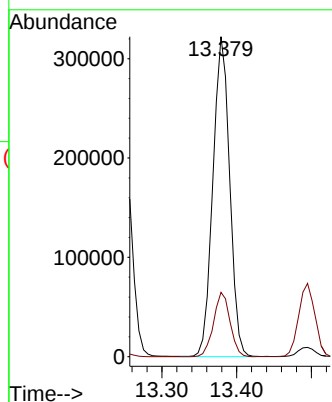
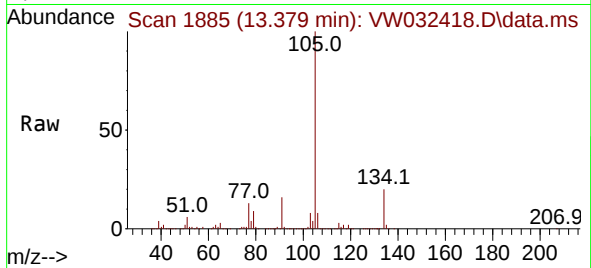




#85
 sec-Butylbenzene
 Concen: 19.918 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

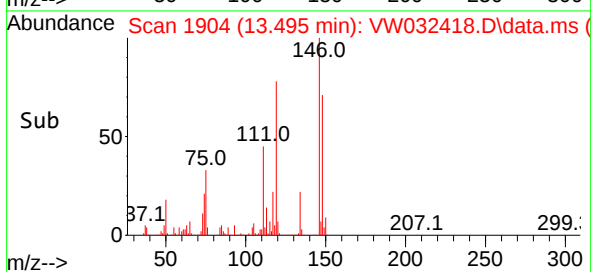
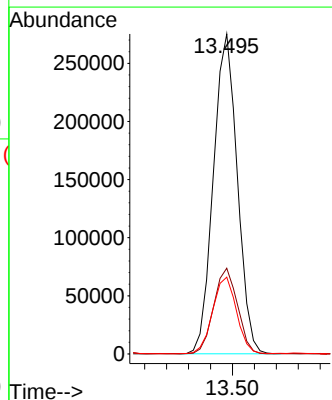
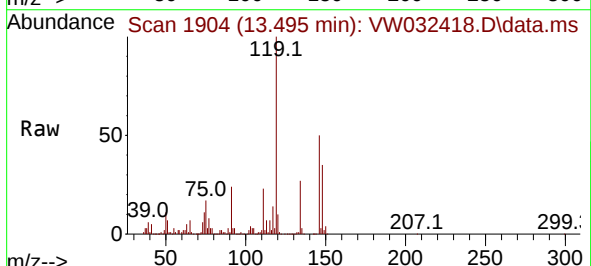
Instrument :
 MSVOA_W
 ClientSampleId :

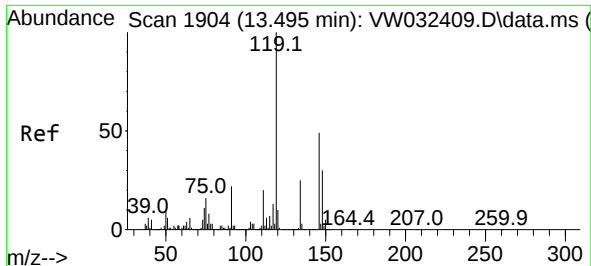
Tgt Ion:105 Resp: 502121
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.054 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032418.D
 Acq: 11 Nov 2025 10:21

Tgt Ion:119 Resp: 417419
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.7 38.1
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.829 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

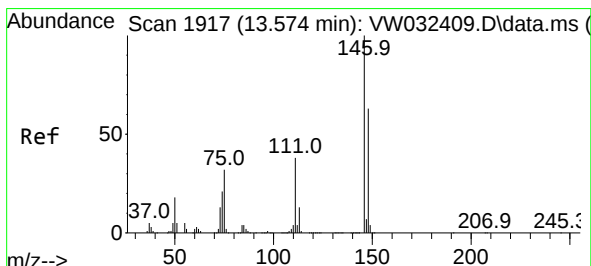
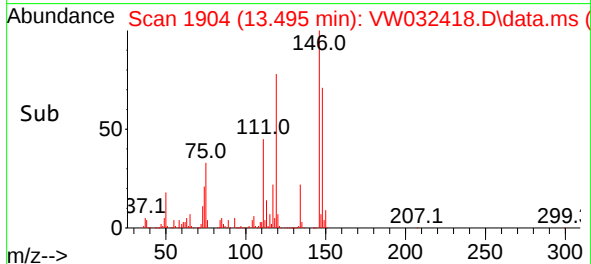
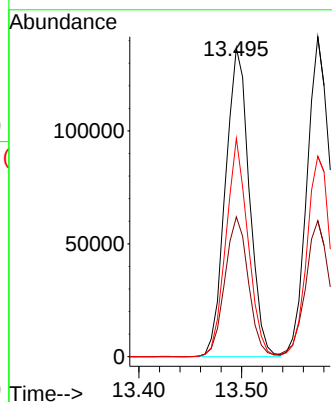
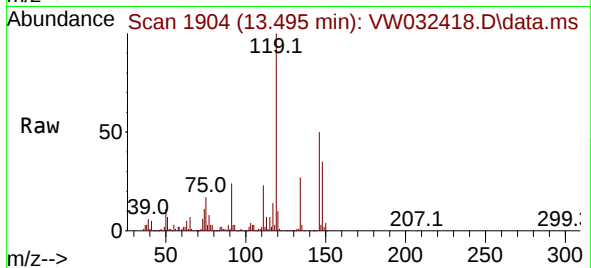
Tgt Ion:146 Resp: 220539

Ion Ratio Lower Upper

146 100

111 44.5 22.2 66.6

148 65.2 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.605 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

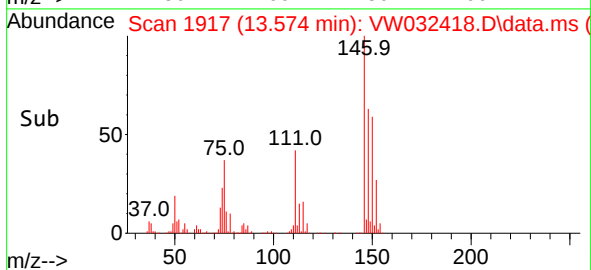
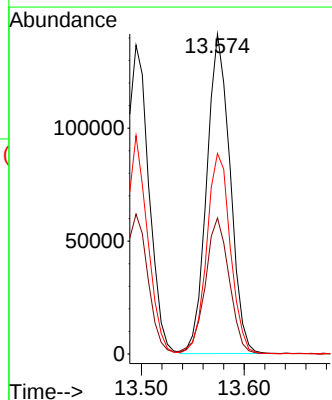
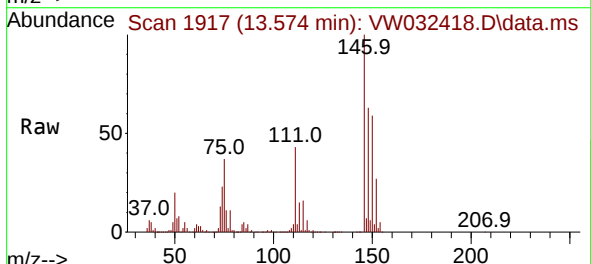
Tgt Ion:146 Resp: 223516

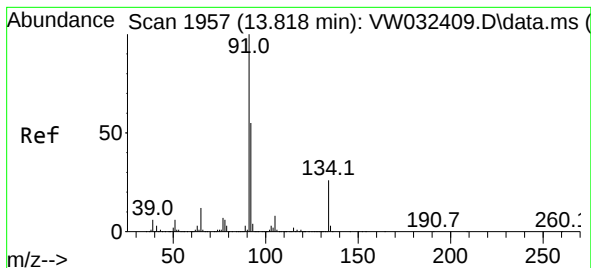
Ion Ratio Lower Upper

146 100

111 43.6 20.5 61.6

148 63.6 31.2 93.6





#89

n-Butylbenzene

Concen: 20.303 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

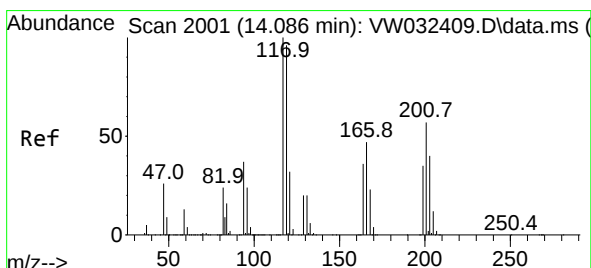
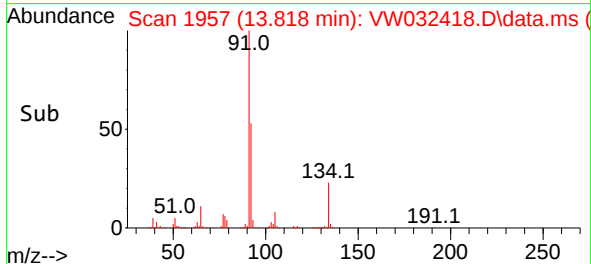
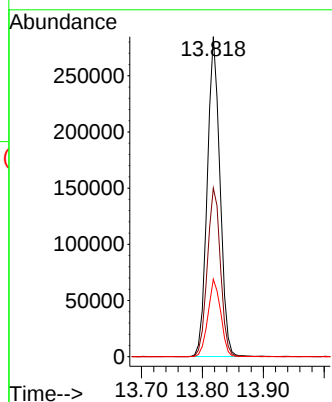
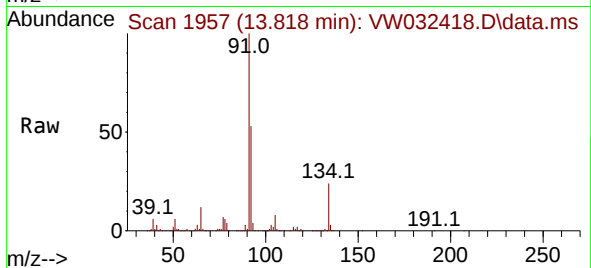
Tgt Ion: 91 Resp: 412879

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 20.684 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032418.D

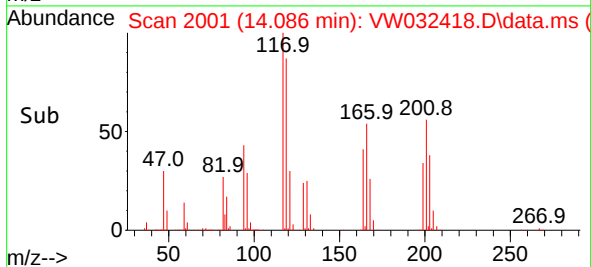
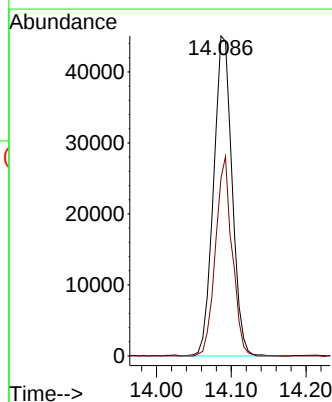
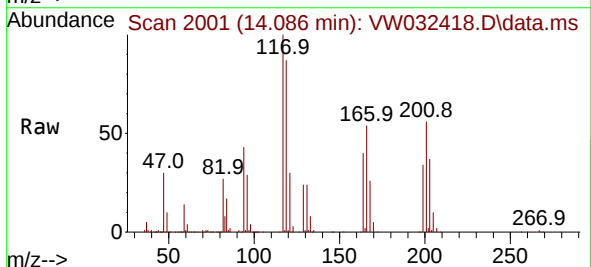
Acq: 11 Nov 2025 10:21

Tgt Ion: 117 Resp: 77624

Ion Ratio Lower Upper

117 100

201 56.0 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 20.943 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

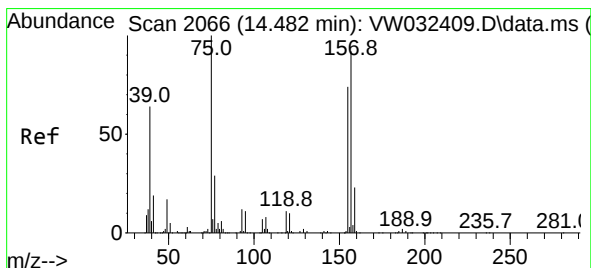
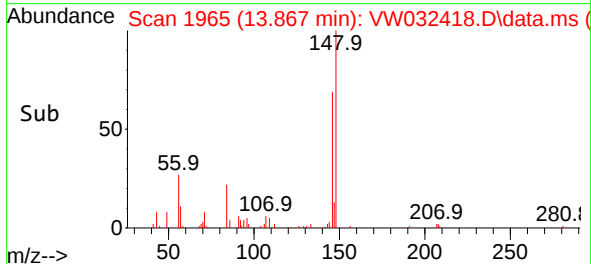
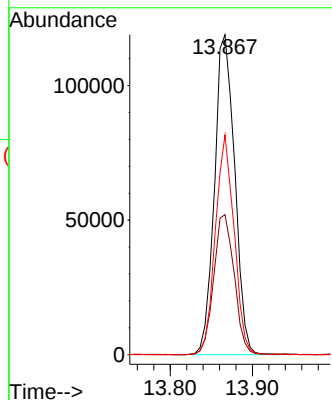
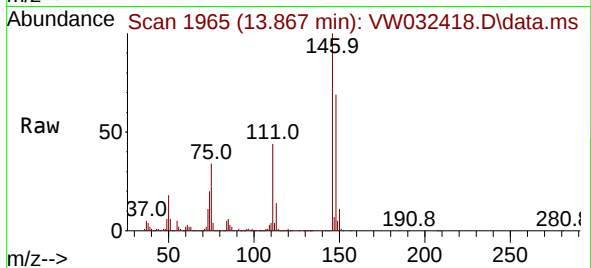
Tgt Ion:146 Resp: 203564

Ion Ratio Lower Upper

146 100

111 44.5 23.4 70.2

148 63.8 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.411 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

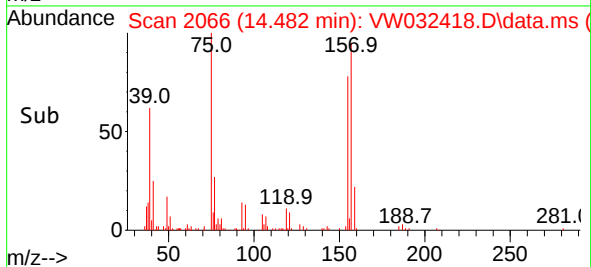
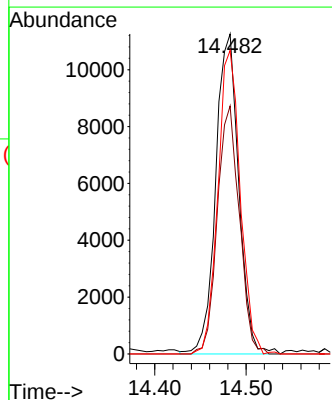
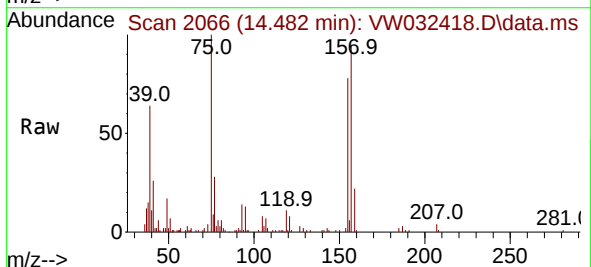
Tgt Ion: 75 Resp: 19683

Ion Ratio Lower Upper

75 100

155 74.1 36.2 108.6

157 92.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.013 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

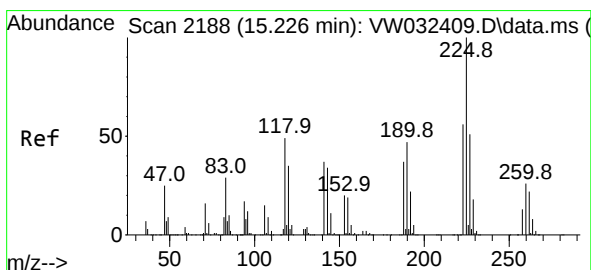
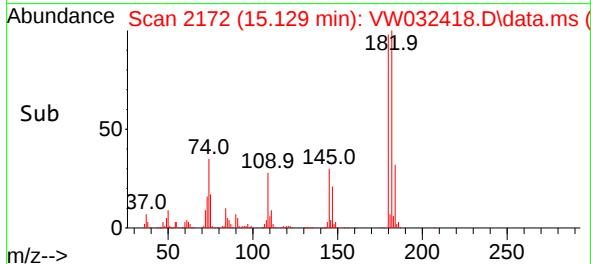
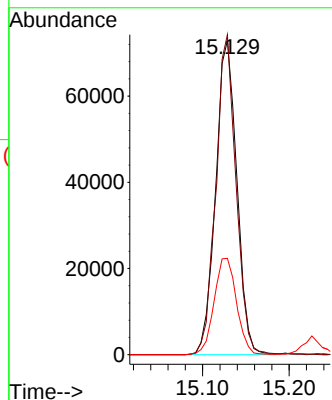
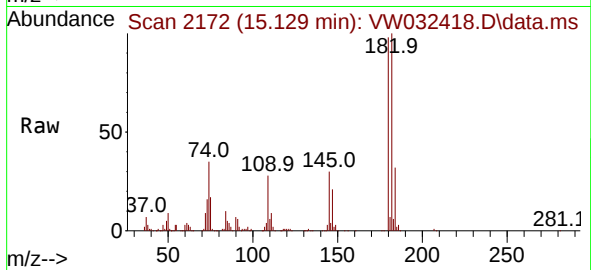
Tgt Ion:180 Resp: 123783

Ion Ratio Lower Upper

180 100

182 96.8 45.3 135.9

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.257 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

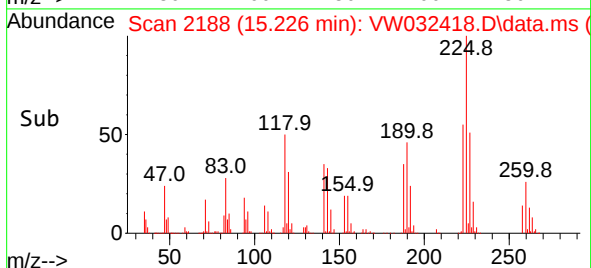
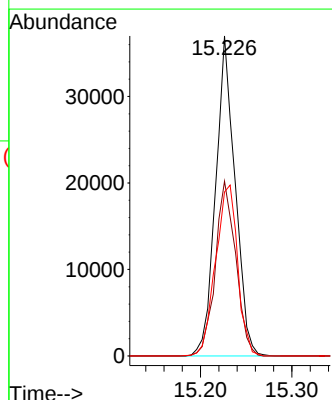
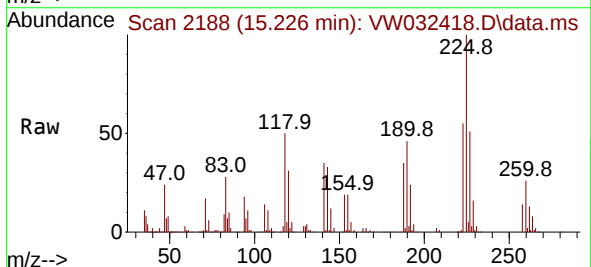
Tgt Ion:225 Resp: 54615

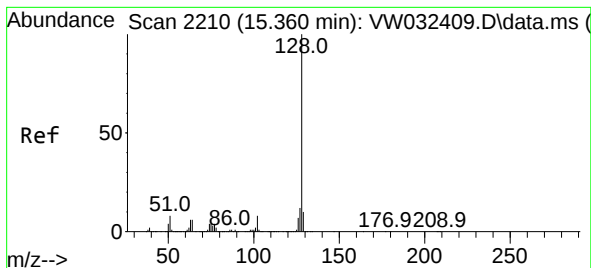
Ion Ratio Lower Upper

225 100

223 57.4 30.6 91.8

227 60.6 29.8 89.4





#95

Naphthalene

Concen: 19.660 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Instrument :

MSVOA_W

ClientSampleId :

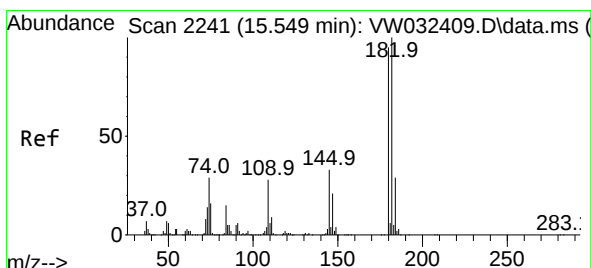
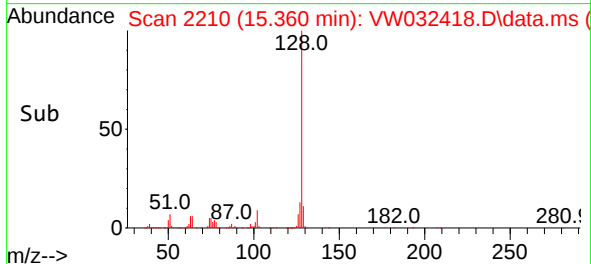
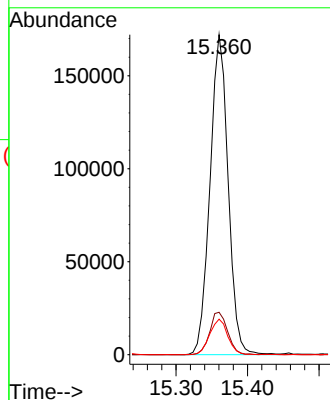
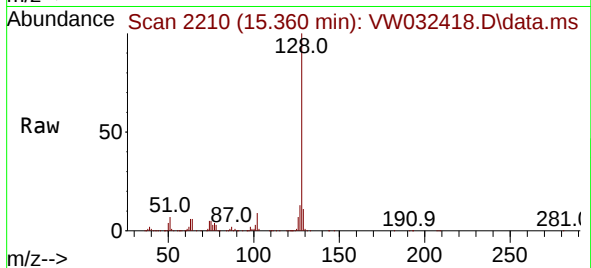
Tgt Ion:128 Resp: 303247

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.287 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032418.D

Acq: 11 Nov 2025 10:21

Tgt Ion:180 Resp: 113920

Ion Ratio Lower Upper

180 100

182 99.7 50.3 151.0

145 35.6 17.8 53.3

