

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032520.D
 Acq On : 21 Nov 2025 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 01:18:40 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	326932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	608350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	567953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	239859	56.907	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 113.820%	
35) Dibromofluoromethane	7.898	113	202307	55.543	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.080%	
50) Toluene-d8	10.325	98	770013	55.106	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.617	95	287931	54.548	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 109.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	84935	51.205	ug/l	93
3) Chloromethane	2.253	50	150860	53.061	ug/l	97
4) Vinyl Chloride	2.405	62	184127	51.314	ug/l	94
5) Bromomethane	2.826	94	126406	52.664	ug/l	97
6) Chloroethane	2.972	64	124624	53.086	ug/l	94
7) Trichlorofluoromethane	3.308	101	139462	49.573	ug/l	92
8) Diethyl Ether	3.722	74	122134	53.100	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	161258	52.620	ug/l	99
10) Methyl Iodide	4.307	142	255738	51.812	ug/l	100
11) Tert butyl alcohol	5.222	59	87328	239.606	ug/l	98
12) 1,1-Dichloroethene	4.082	96	185967	52.921	ug/l	95
13) Acrolein	3.935	56	85880	140.441	ug/l	99
14) Allyl chloride	4.704	41	356492	52.754	ug/l	99
15) Acrylonitrile	5.399	53	370920	278.913	ug/l	100
16) Acetone	4.161	43	330110	261.783	ug/l	98
17) Carbon Disulfide	4.423	76	527785	50.816	ug/l	100
18) Methyl Acetate	4.710	43	199381	63.849	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	392313	52.962	ug/l	98
20) Methylene Chloride	4.954	84	240003	53.220	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	216802	53.956	ug/l	98
22) Diisopropyl ether	6.344	45	765481	55.635	ug/l	95
23) Vinyl Acetate	6.283	43	2536231	269.048	ug/l	98
24) 1,1-Dichloroethane	6.246	63	428088	56.789	ug/l	100
25) 2-Butanone	7.191	43	499465	268.851	ug/l	99
26) 2,2-Dichloropropane	7.185	77	210018	49.991	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	264705	55.134	ug/l	99
28) Bromochloromethane	7.532	49	209546	58.814	ug/l	98
29) Tetrahydrofuran	7.551	42	331126	280.819	ug/l	99
30) Chloroform	7.697	83	427317	57.905	ug/l	100
31) Cyclohexane	7.971	56	353462	50.690	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	283442	53.766	ug/l	97
36) 1,1-Dichloropropene	8.093	75	291804	54.374	ug/l	99
37) Ethyl Acetate	7.270	43	216368	54.219	ug/l	99
38) Carbon Tetrachloride	8.087	117	250674	52.569	ug/l	97
39) Methylcyclohexane	9.343	83	355573	51.145	ug/l	94
40) Benzene	8.337	78	942514	54.536	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	117517	53.608	ug/l	99
42) 1,2-Dichloroethane	8.410	62	284516	56.047	ug/l	100
43) Isopropyl Acetate	8.435	43	378096	53.508	ug/l	99
44) Trichloroethene	9.099	130	210627	52.375	ug/l	99
45) 1,2-Dichloropropane	9.373	63	242827	56.427	ug/l	96
46) Dibromomethane	9.465	93	138152	54.937	ug/l	99
47) Bromodichloromethane	9.648	83	318191	55.469	ug/l	97
48) Methyl methacrylate	9.441	41	175577	52.290	ug/l	93
49) 1,4-Dioxane	9.459	88	38438	1091.111	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	1116450	285.806	ug/l	99
52) Toluene	10.392	92	579784	54.312	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	321397	54.403	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	373831	54.718	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	190668	55.269	ug/l	95
56) Ethyl methacrylate	10.648	69	283660	53.590	ug/l	98
57) 1,3-Dichloropropane	10.934	76	345492	56.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	788810	279.832	ug/l	100
59) 2-Hexanone	10.971	43	784843	274.613	ug/l	99
60) Dibromochloromethane	11.129	129	211593	54.924	ug/l	99
61) 1,2-Dibromoethane	11.239	107	183503	54.614	ug/l	99
64) Tetrachloroethene	10.867	164	172744	51.361	ug/l	87
65) Chlorobenzene	11.654	112	636525	51.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	199797	52.738	ug/l	97
67) Ethyl Benzene	11.727	91	1110782	52.442	ug/l	99
68) m/p-Xylenes	11.836	106	846726	106.470	ug/l	99
69) o-Xylene	12.166	106	397745	52.234	ug/l	99
70) Styrene	12.178	104	706752	53.954	ug/l	100
71) Bromoform	12.342	173	115051	51.272	ug/l	92
73) Isopropylbenzene	12.458	105	990036	53.104	ug/l	99
74) N-amyl acetate	12.269	43	346155	53.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	249981	56.500	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	311548	89.509	ug/l	34
77) Bromobenzene	12.745	156	239931	54.356	ug/l	94
78) n-propylbenzene	12.800	91	1233457	54.328	ug/l	99
79) 2-Chlorotoluene	12.891	91	759079	54.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	851361	55.353	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	83477	54.932	ug/l	97
82) 4-Chlorotoluene	12.983	91	791238	54.889	ug/l	100
83) tert-Butylbenzene	13.202	119	708645	52.965	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	864245	55.245	ug/l	100
85) sec-Butylbenzene	13.379	105	1045793	52.483	ug/l	99
86) p-Isopropyltoluene	13.495	119	881536	53.581	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	467267	55.834	ug/l	97
88) 1,4-Dichlorobenzene	13.568	146	454634	53.025	ug/l	98
89) n-Butylbenzene	13.818	91	859874	53.496	ug/l	99
90) Hexachloroethane	14.086	117	153745	51.830	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	415548	54.090	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	40892	53.649	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	259845	53.150	ug/l	98
94) Hexachlorobutadiene	15.226	225	111981	55.141	ug/l	97
95) Naphthalene	15.360	128	650927	53.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	230631	51.961	ug/l	96

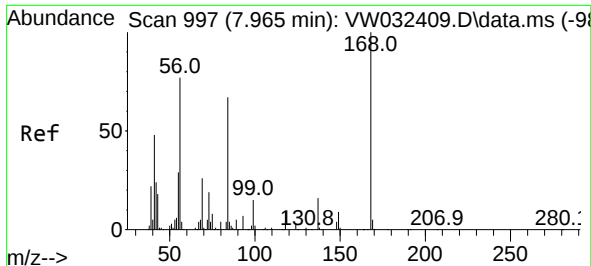
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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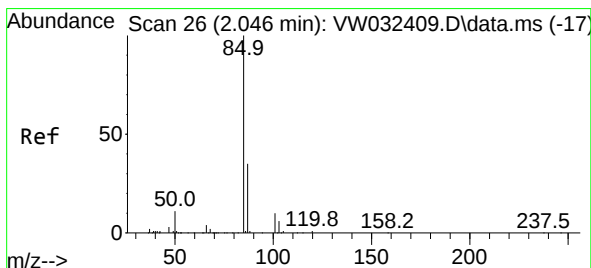
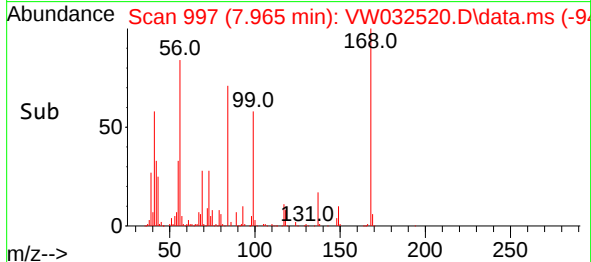
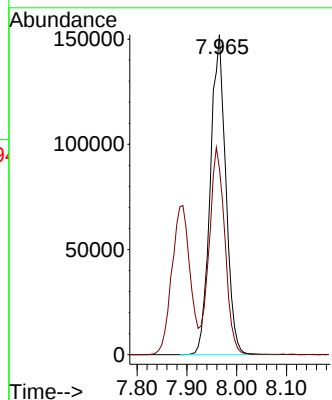
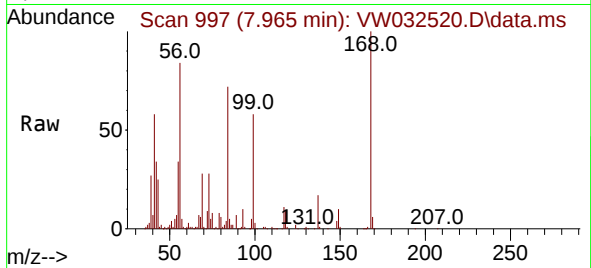
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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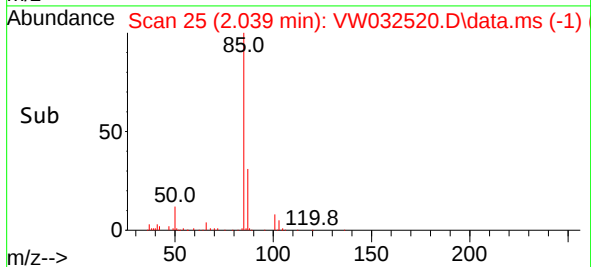
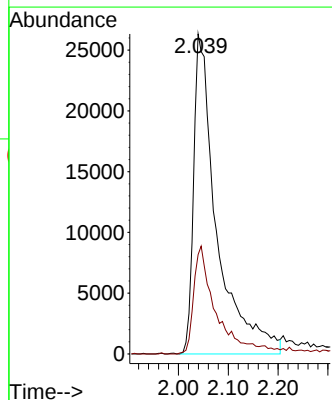
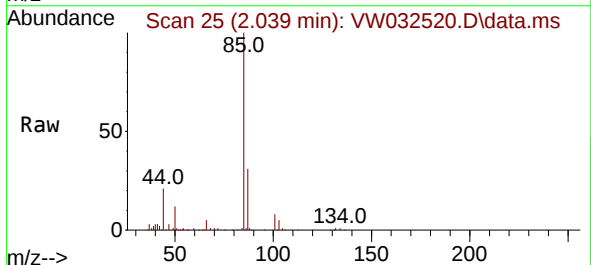
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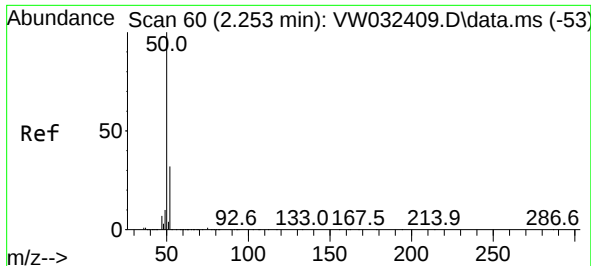
Tgt Ion:168 Resp: 326932
Ion Ratio Lower Upper
168 100
99 58.1 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 51.205 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 85 Resp: 84935
Ion Ratio Lower Upper
85 100
87 30.8 17.4 52.2

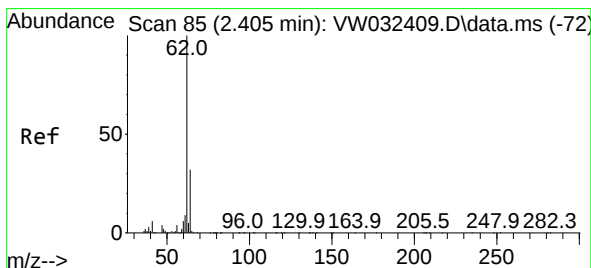
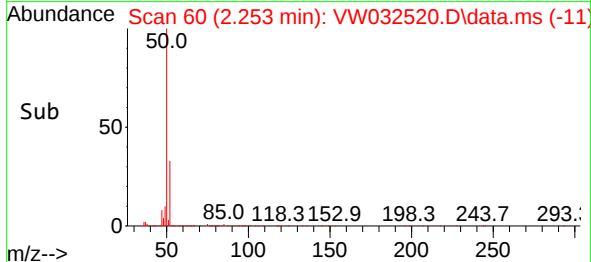
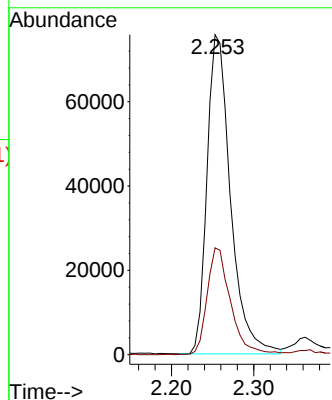
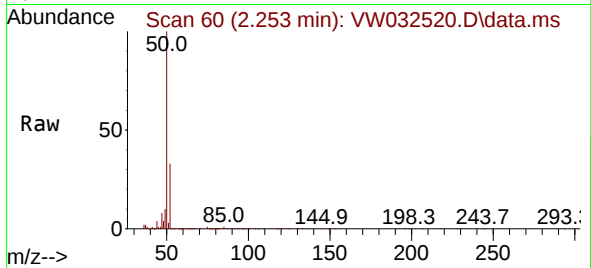




#3
Chloromethane
Concen: 53.061 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

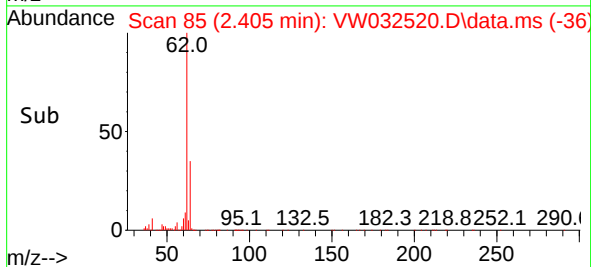
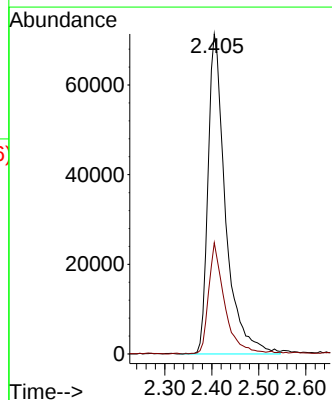
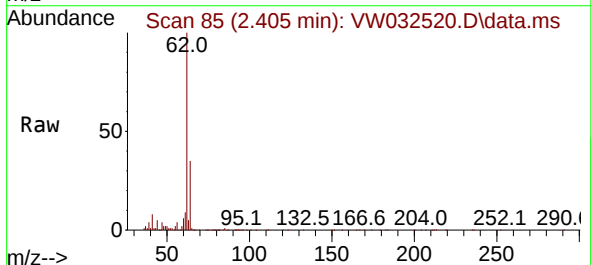
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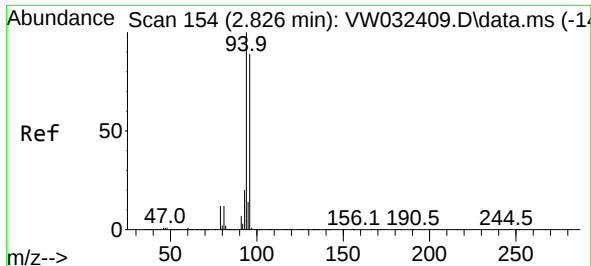
Tgt Ion: 50 Resp: 150860
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3



#4
Vinyl Chloride
Concen: 51.314 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 62 Resp: 184127
Ion Ratio Lower Upper
62 100
64 34.6 25.2 37.8

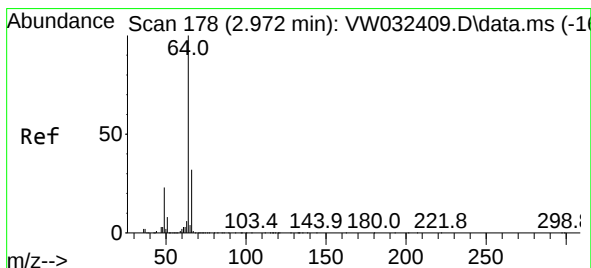
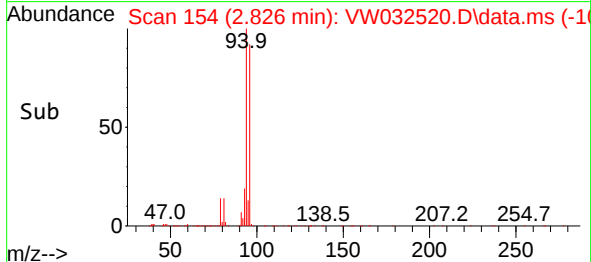
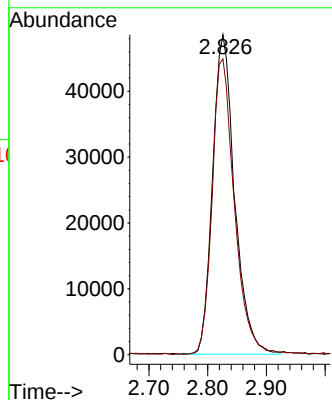
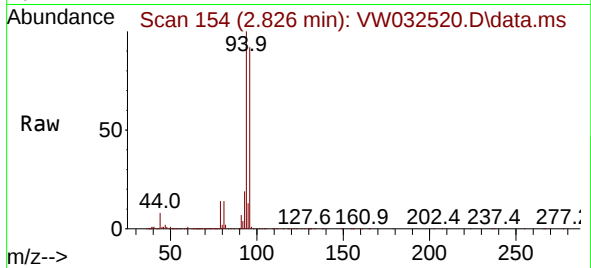




#5
Bromomethane
Concen: 52.664 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

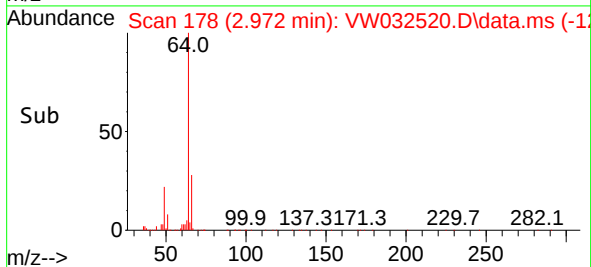
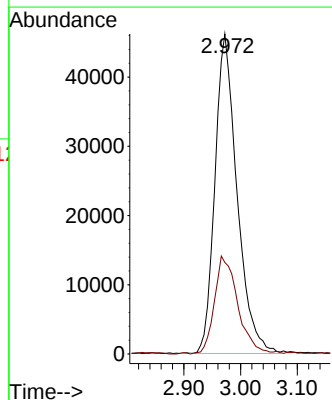
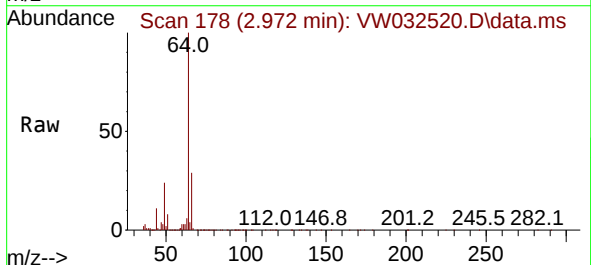
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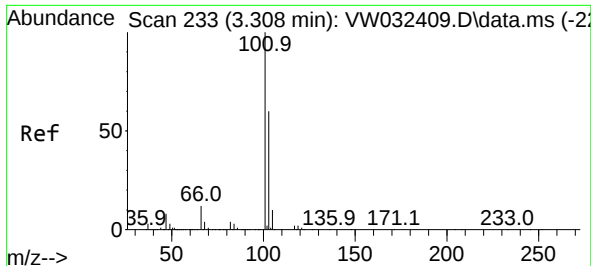
Tgt Ion: 94 Resp: 126406
Ion Ratio Lower Upper
94 100
96 92.4 71.4 107.2



#6
Chloroethane
Concen: 53.086 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 64 Resp: 124624
Ion Ratio Lower Upper
64 100
66 28.5 25.6 38.4

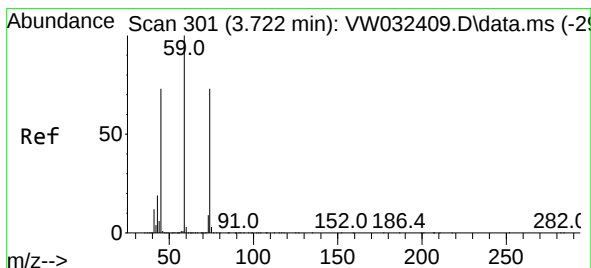
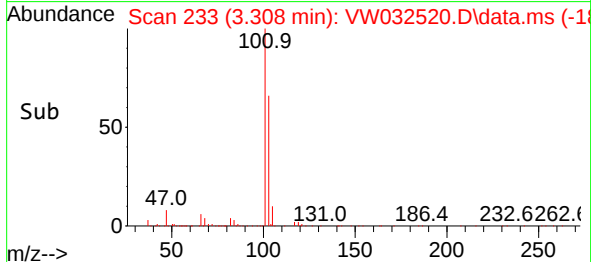
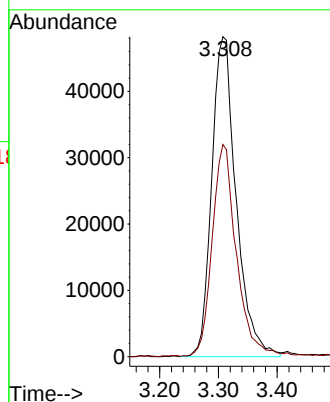
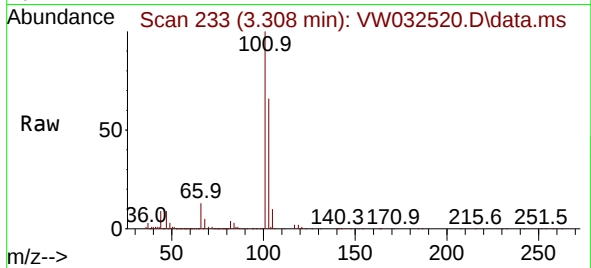




#7
 Trichlorofluoromethane
 Concen: 49.573 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

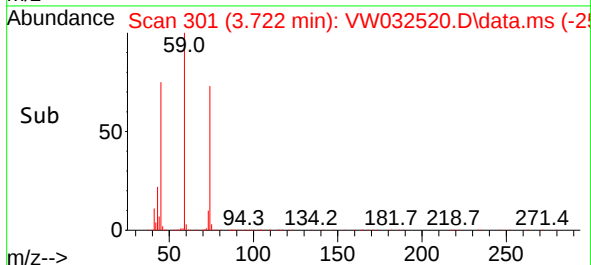
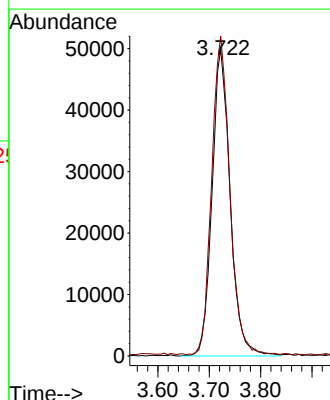
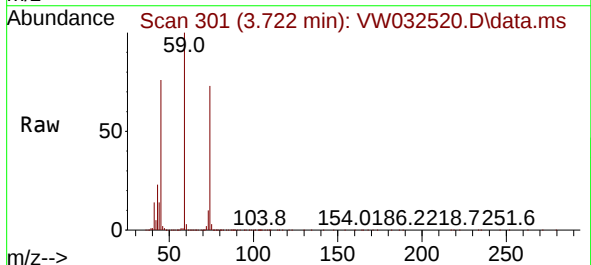
Instrument :
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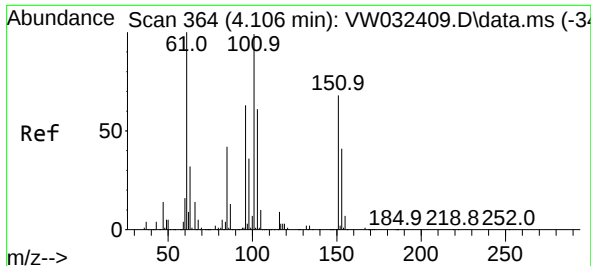
Tgt Ion:101 Resp: 139462
 Ion Ratio Lower Upper
 101 100
 103 66.1 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.100 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Tgt Ion: 74 Resp: 122134
 Ion Ratio Lower Upper
 74 100
 45 104.0 51.8 155.4

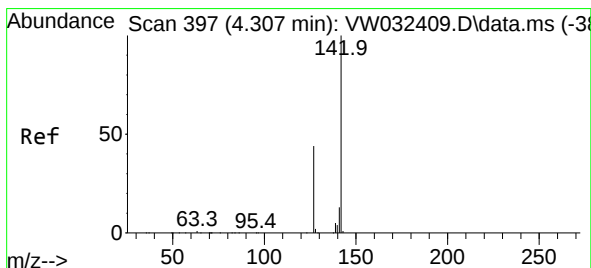
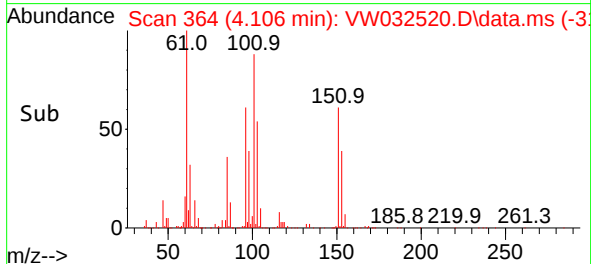
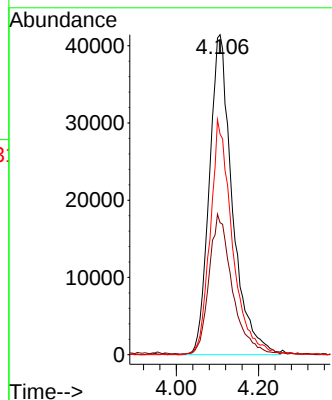
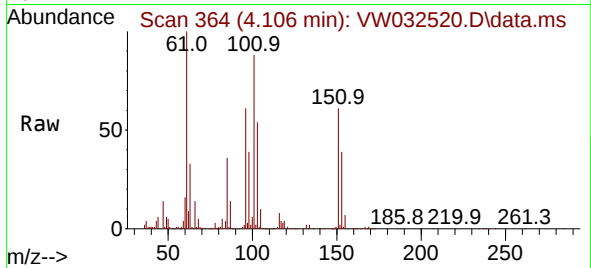




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.620 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032520.D
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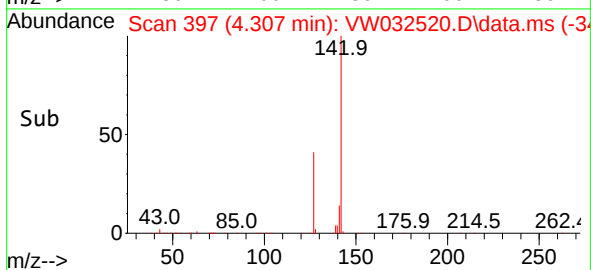
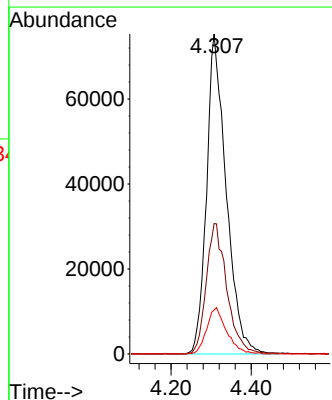
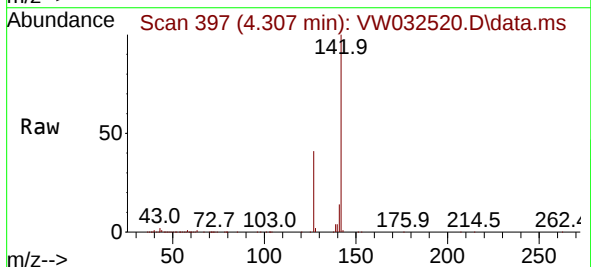
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

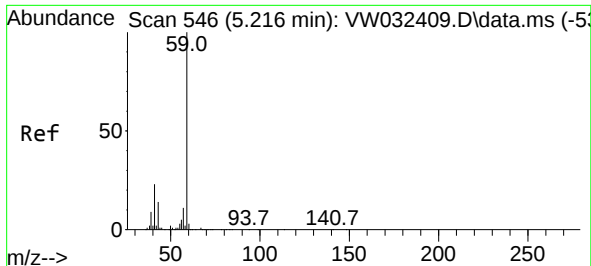
Tgt Ion:101 Resp: 161258
Ion Ratio Lower Upper
101 100
85 43.9 34.1 51.1
151 70.7 56.4 84.6



#10
Methyl Iodide
Concen: 51.812 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion:142 Resp: 255738
Ion Ratio Lower Upper
142 100
127 42.7 34.2 51.2
141 14.7 11.8 17.8

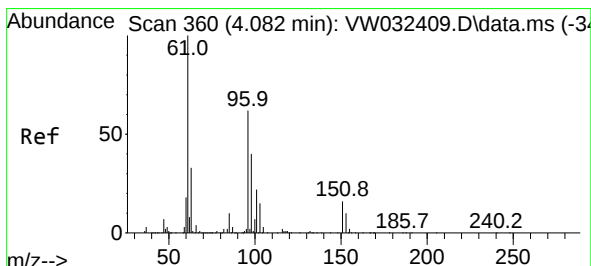
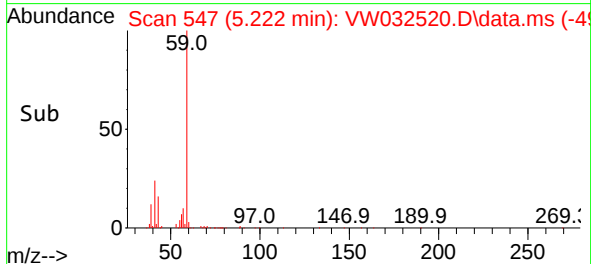
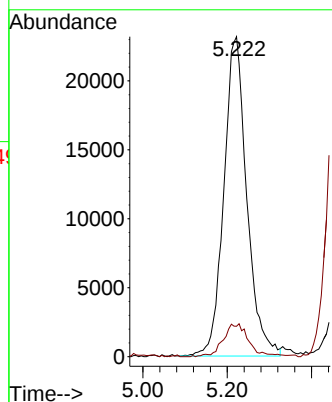
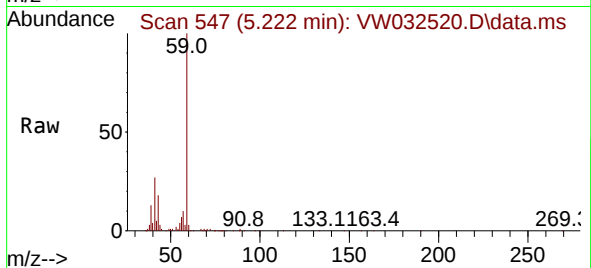




#11
Tert butyl alcohol
Concen: 239.606 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

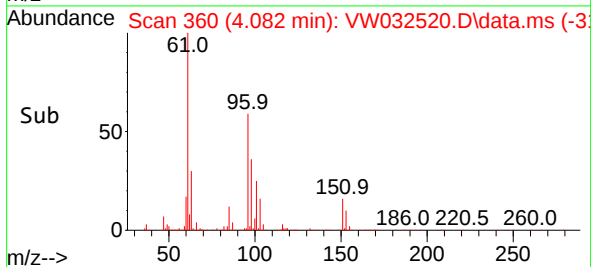
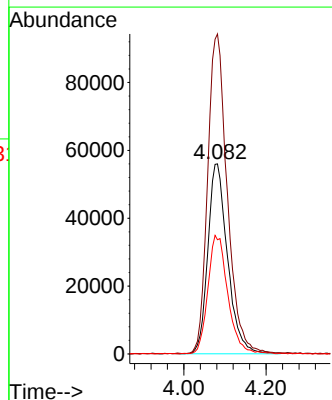
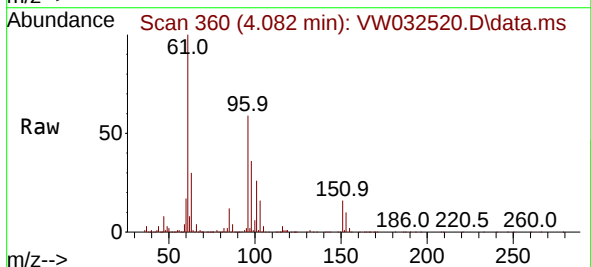
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

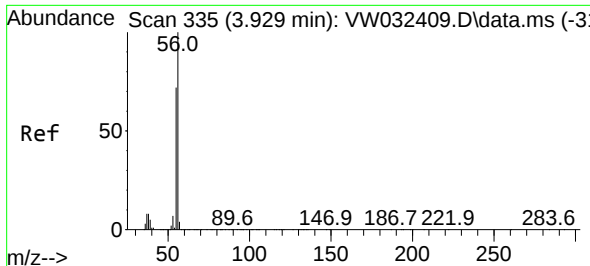
Tgt Ion: 59 Resp: 87328
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 52.921 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 96 Resp: 185967
Ion Ratio Lower Upper
96 100
61 168.2 129.0 193.6
98 60.1 51.1 76.7

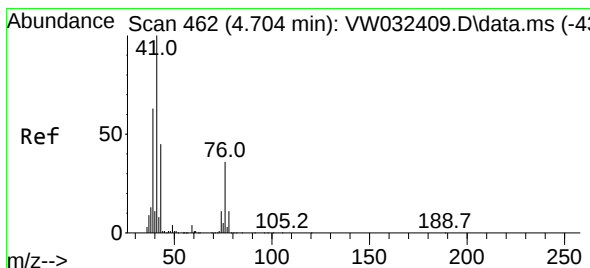
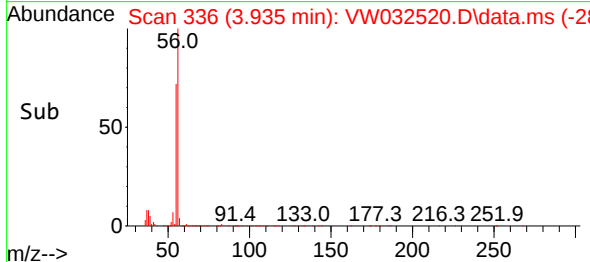
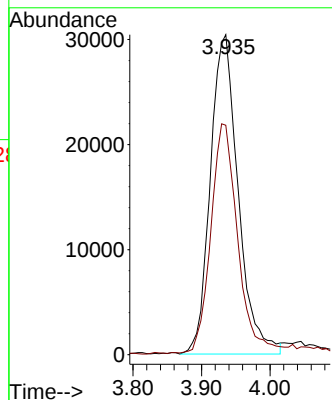
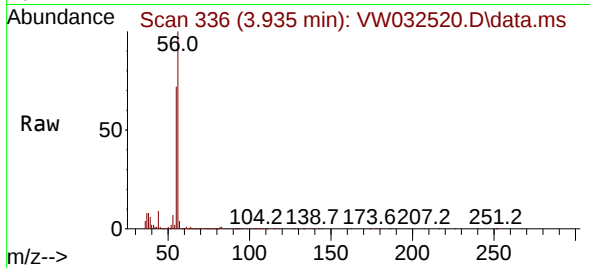




#13
Acrolein
Concen: 140.441 ug/l
RT: 3.935 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

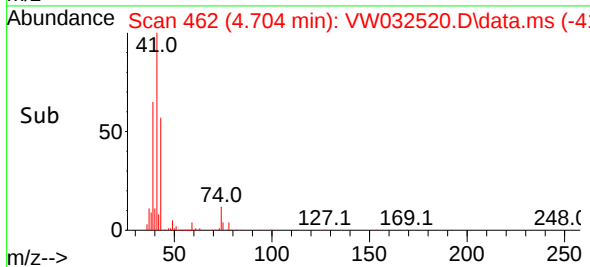
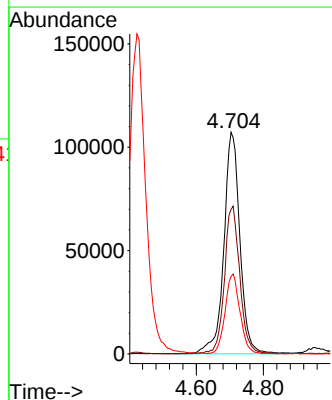
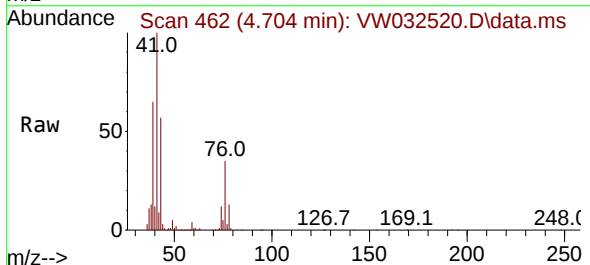
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

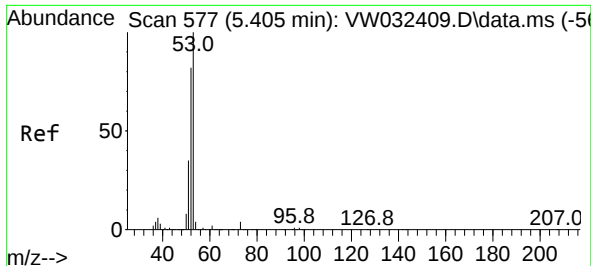
Tgt Ion: 56 Resp: 85880
Ion Ratio Lower Upper
56 100
55 69.4 56.3 84.5



#14
Allyl chloride
Concen: 52.754 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 41 Resp: 356492
Ion Ratio Lower Upper
41 100
39 63.8 50.2 75.2
76 33.7 27.0 40.6

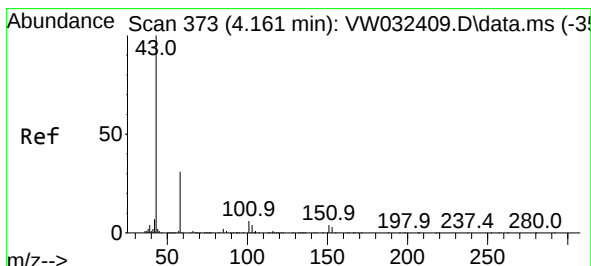
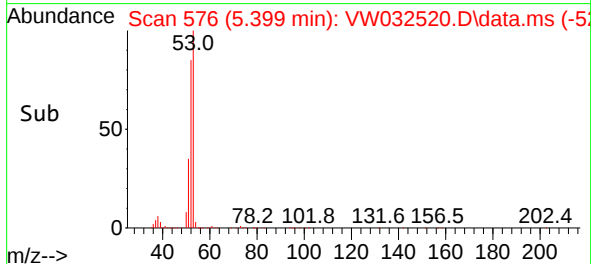
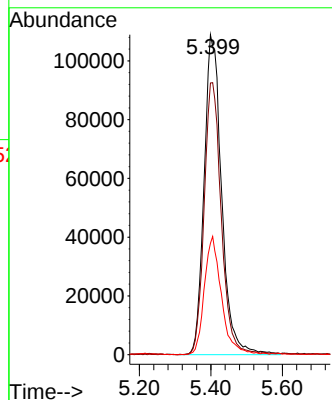
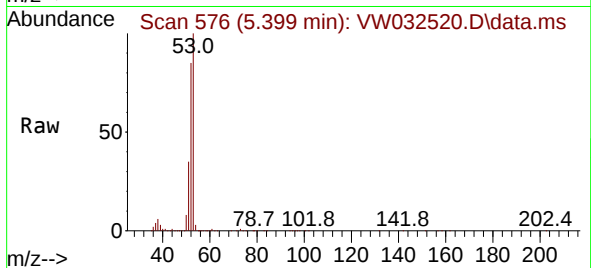




#15
Acrylonitrile
Concen: 278.913 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

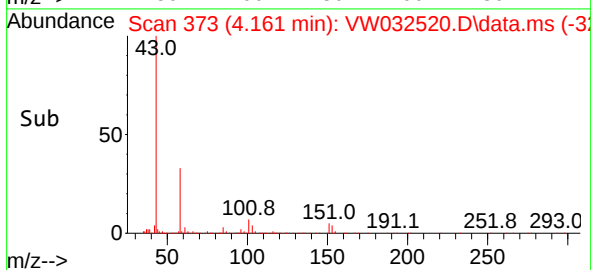
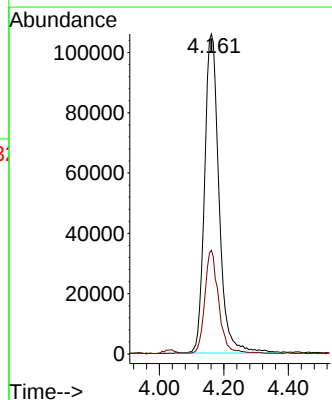
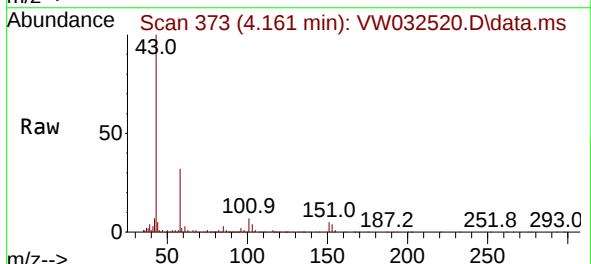
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

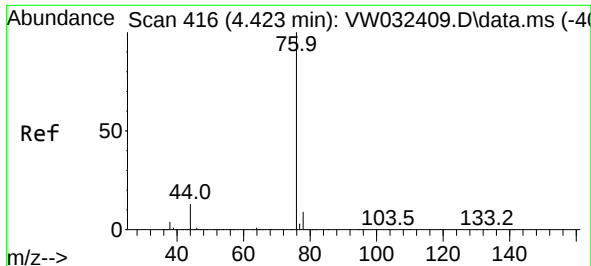
Tgt Ion: 53 Resp: 370920
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 36.1 28.6 43.0



#16
Acetone
Concen: 261.783 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 43 Resp: 330110
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2

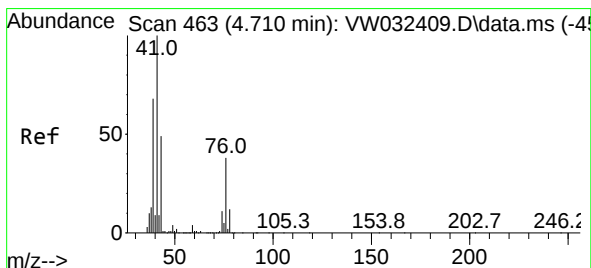
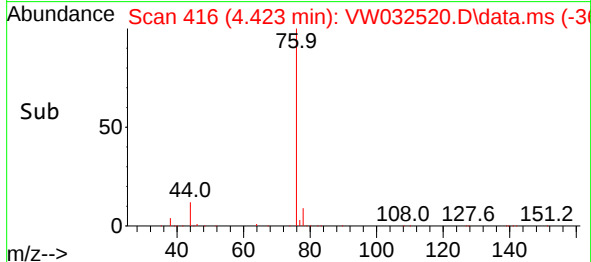
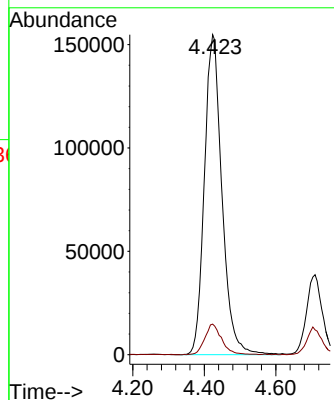
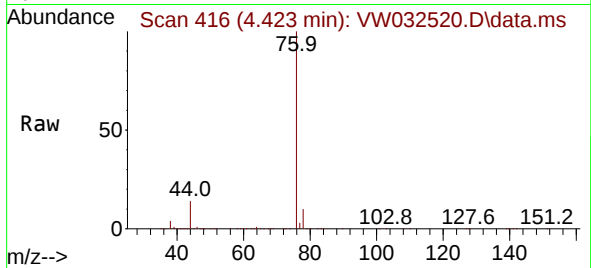




#17
Carbon Disulfide
Concen: 50.816 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

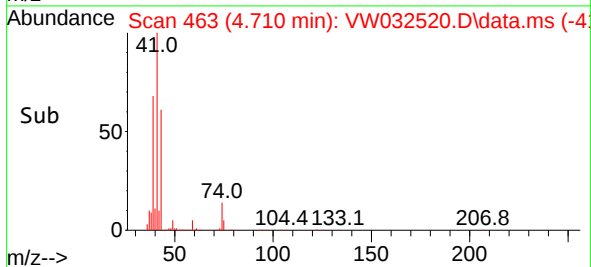
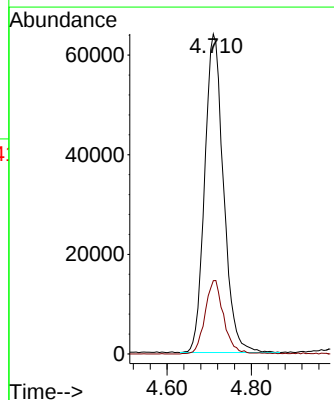
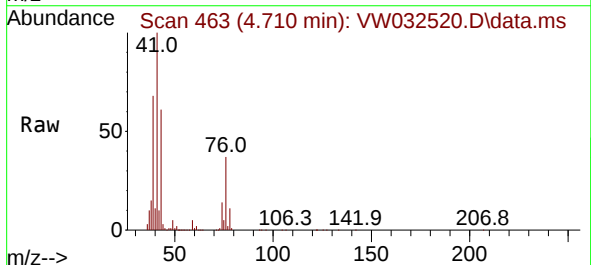
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

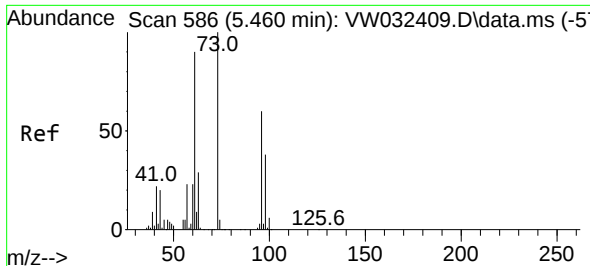
Tgt Ion: 76 Resp: 527785
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 63.849 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 43 Resp: 199381
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 52.962 ug/l

RT: 5.472 min Scan# 5

Delta R.T. 0.012 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

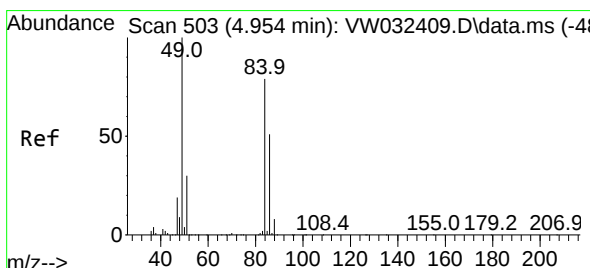
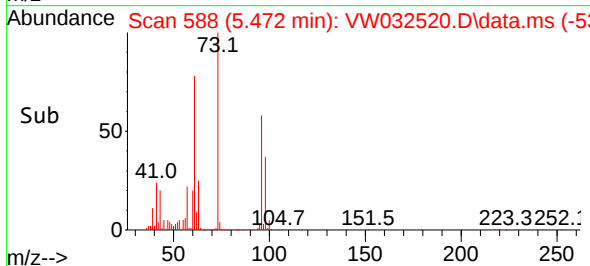
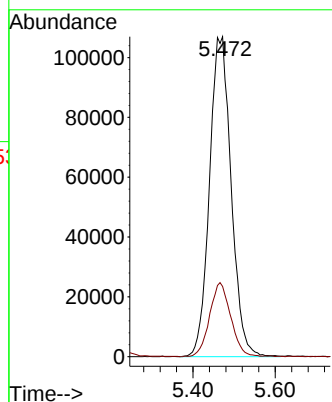
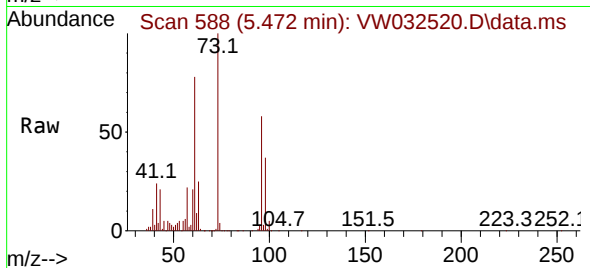
VSTDCCC050

Tgt Ion: 73 Resp: 392313

Ion Ratio Lower Upper

73 100

57 21.9 18.3 27.5



#20

Methylene Chloride

Concen: 53.220 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Tgt Ion: 84 Resp: 240003

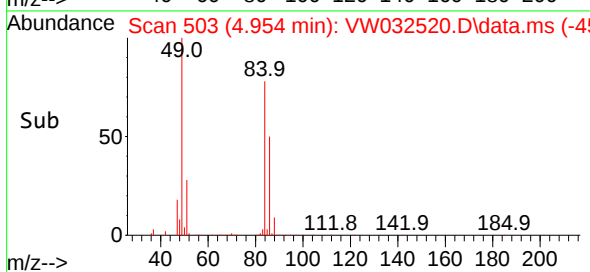
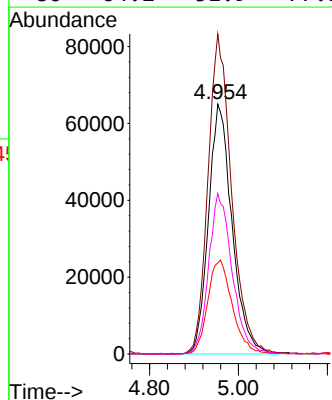
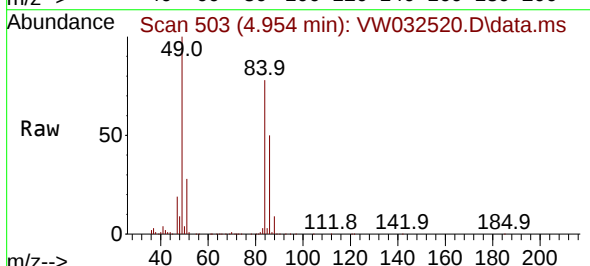
Ion Ratio Lower Upper

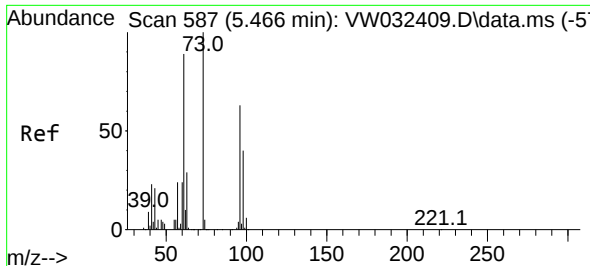
84 100

49 128.0 101.5 152.3

51 36.3 30.6 46.0

86 64.2 51.9 77.9

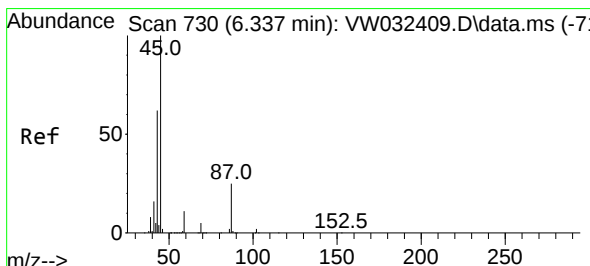
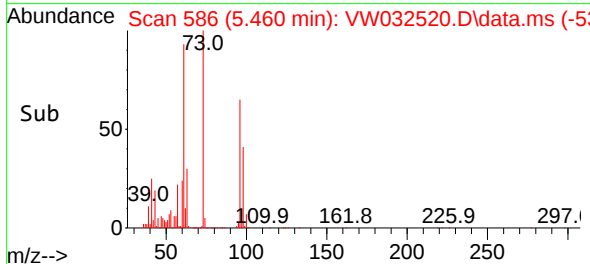
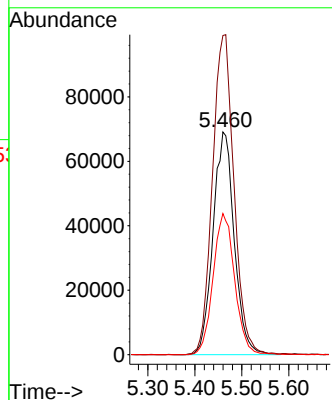
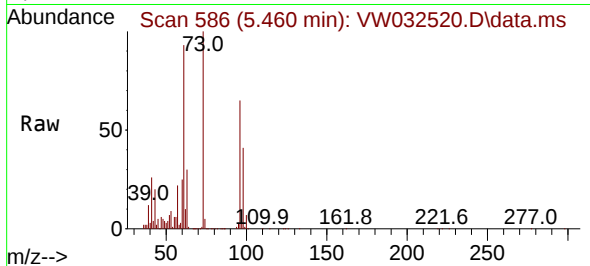




#21
trans-1,2-Dichloroethene
Concen: 53.956 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

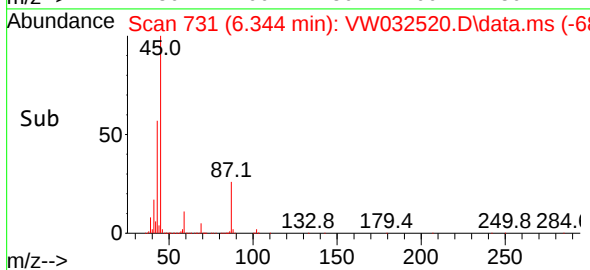
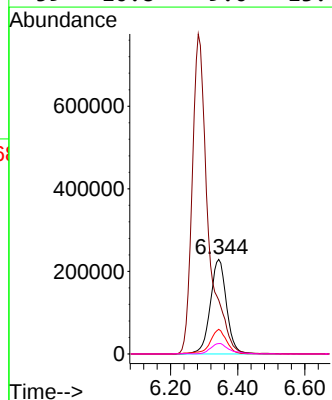
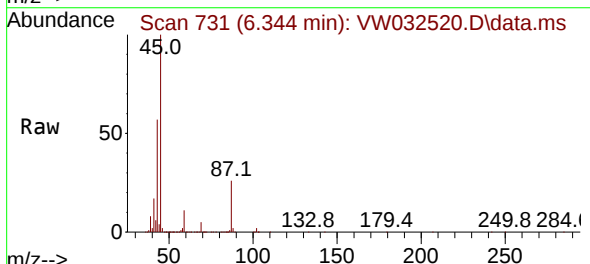
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

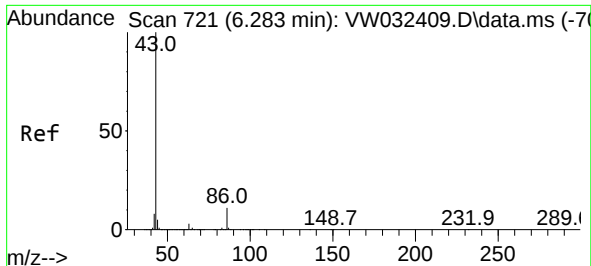
Tgt Ion: 96 Resp: 216802
Ion Ratio Lower Upper
96 100
61 143.3 112.5 168.7
98 63.3 51.1 76.7



#22
Diisopropyl ether
Concen: 55.635 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 45 Resp: 765481
Ion Ratio Lower Upper
45 100
43 56.5 49.4 74.2
87 26.1 20.1 30.1
59 10.8 9.0 13.4

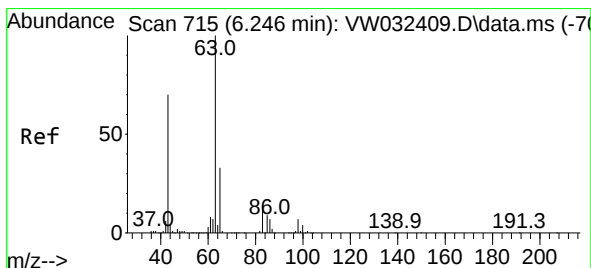
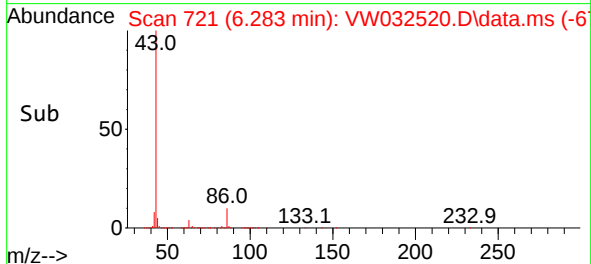
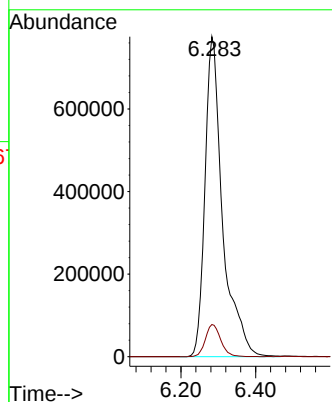
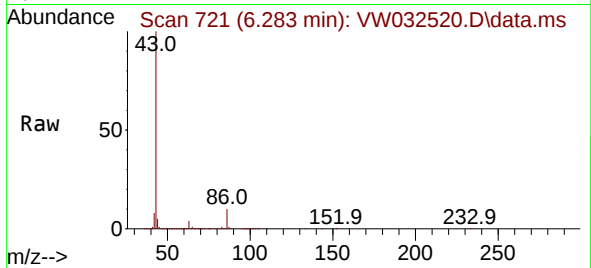




#23
 Vinyl Acetate
 Concen: 269.048 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

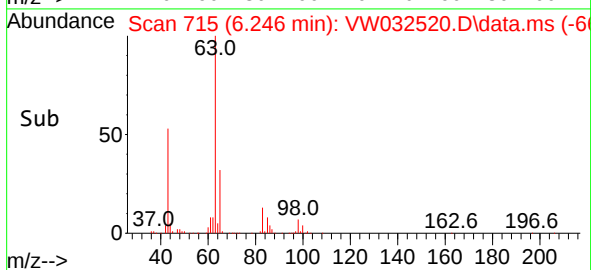
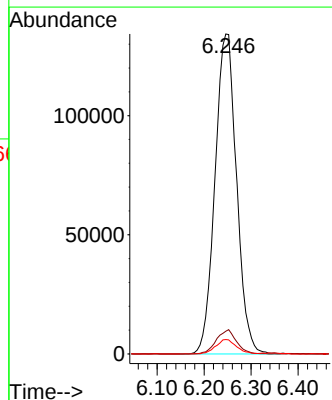
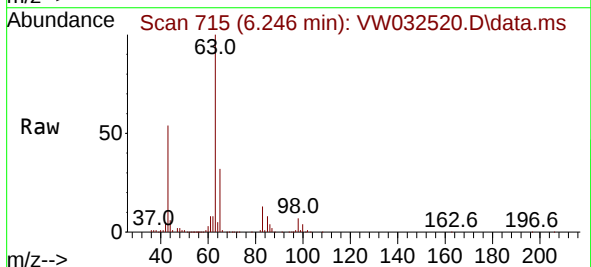
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

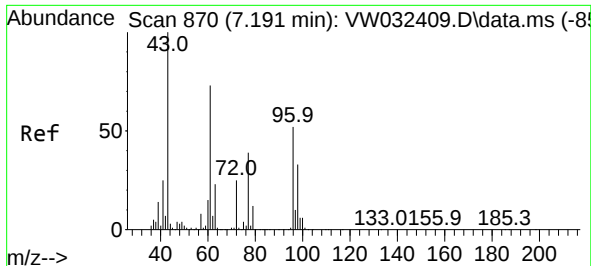
Tgt Ion: 43 Resp: 2536231
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.789 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Tgt Ion: 63 Resp: 428088
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.3 6.8

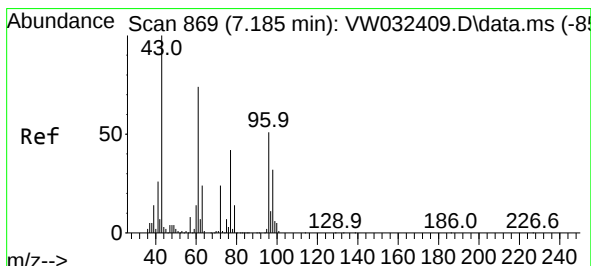
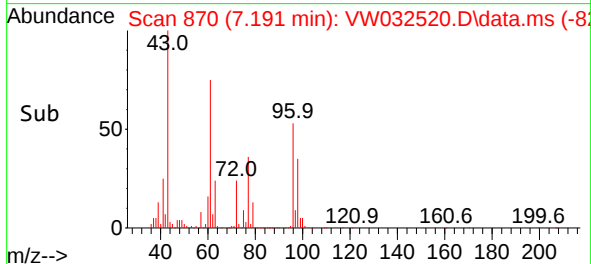
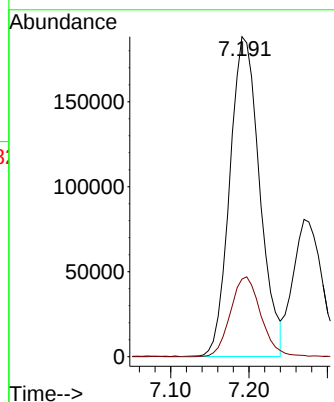
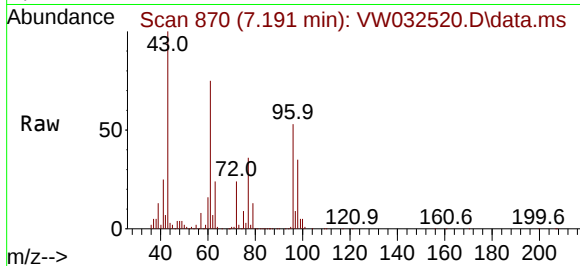




#25
2-Butanone
Concen: 268.851 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

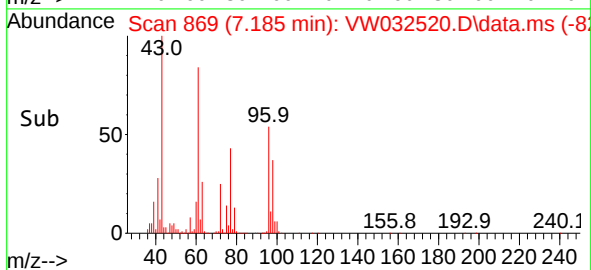
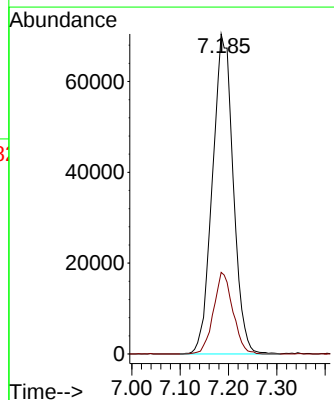
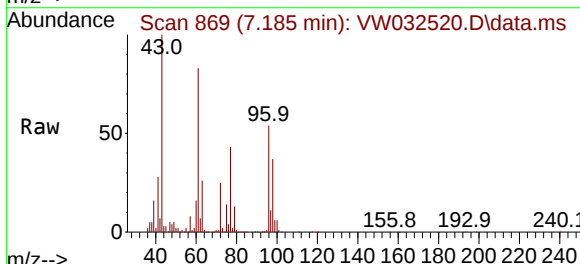
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

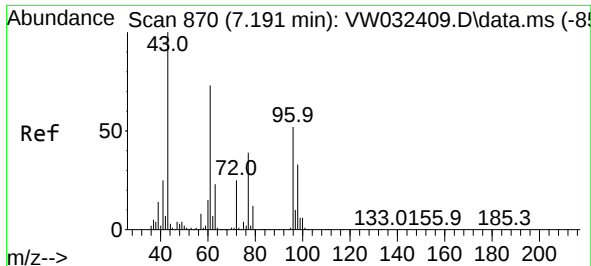
Tgt Ion: 43 Resp: 499465
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0



#26
2,2-Dichloropropane
Concen: 49.991 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 77 Resp: 210018
Ion Ratio Lower Upper
77 100
97 23.7 12.3 36.8



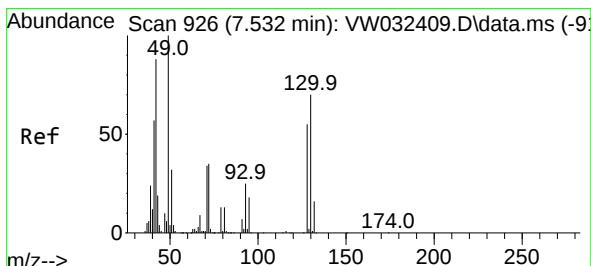
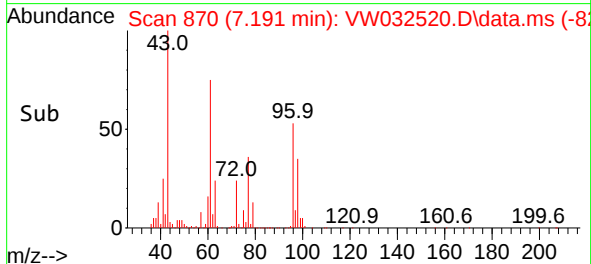
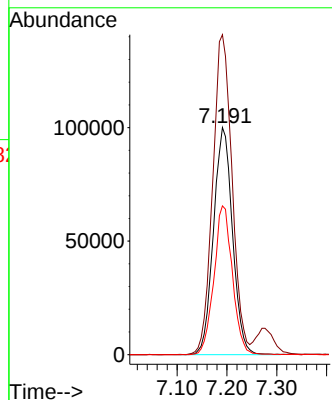
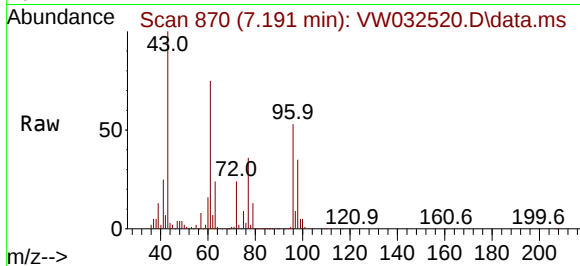


#27
 cis-1,2-Dichloroethene
 Concen: 55.134 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 264705

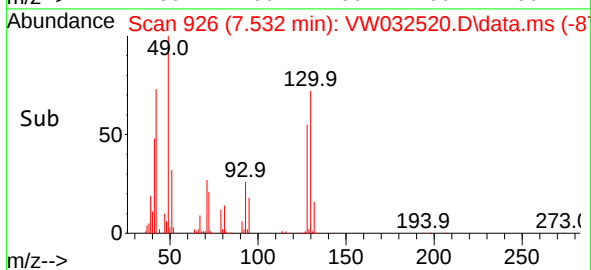
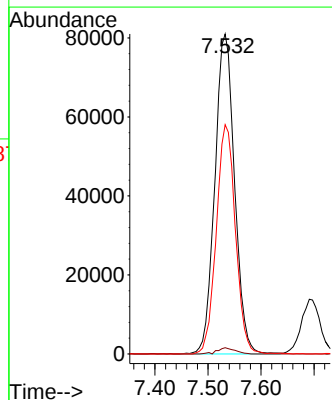
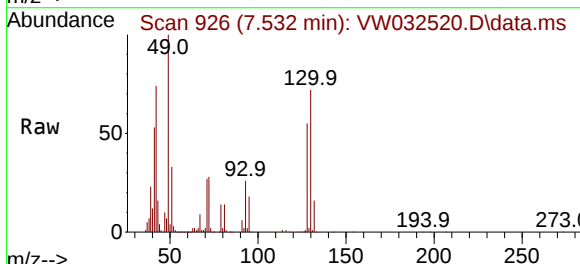
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	282.6
98	63.7	0.0	128.6



#28
 Bromochloromethane
 Concen: 58.814 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Tgt Ion: 49 Resp: 209546

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	69.5	56.9	85.3





#29

Tetrahydrofuran

Concen: 280.819 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

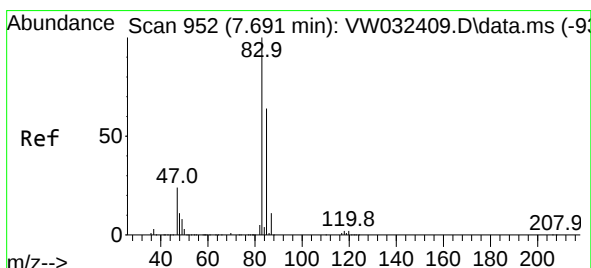
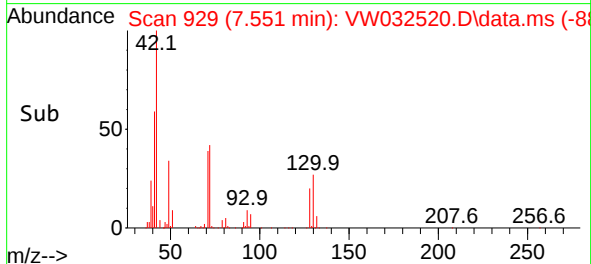
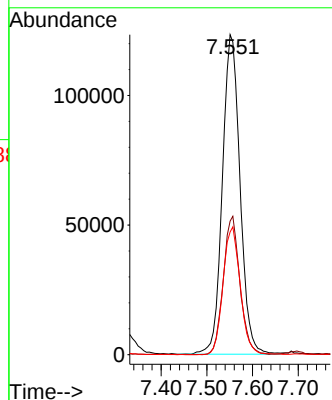
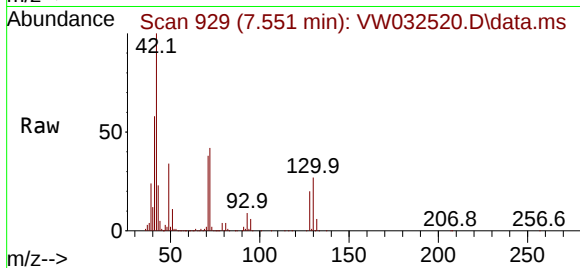
Tgt Ion: 42 Resp: 331126

Ion Ratio Lower Upper

42 100

72 41.0 33.6 50.4

71 39.1 31.4 47.0



#30

Chloroform

Concen: 57.905 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032520.D

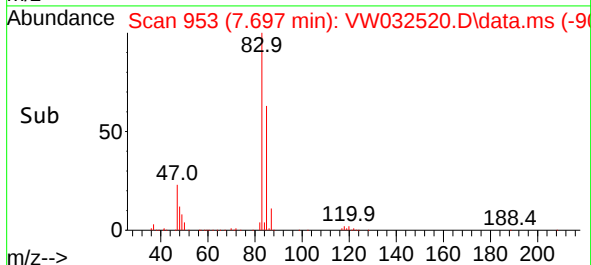
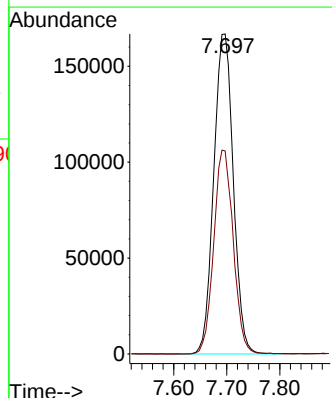
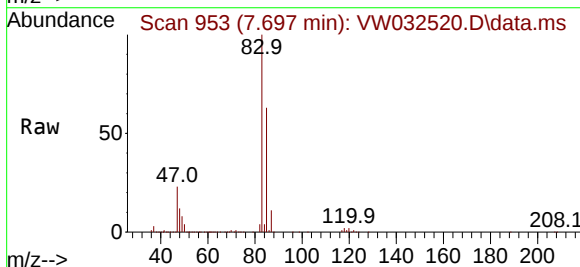
Acq: 21 Nov 2025 10:53

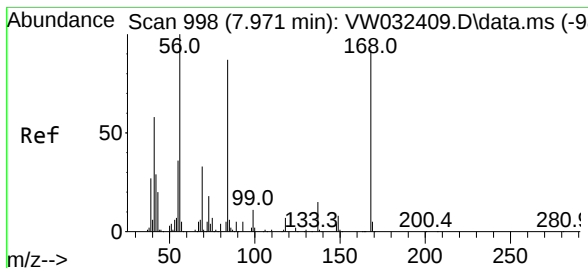
Tgt Ion: 83 Resp: 427317

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.4

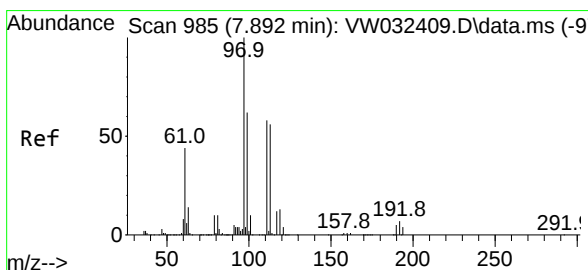
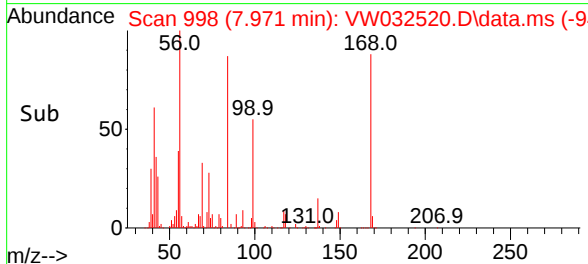
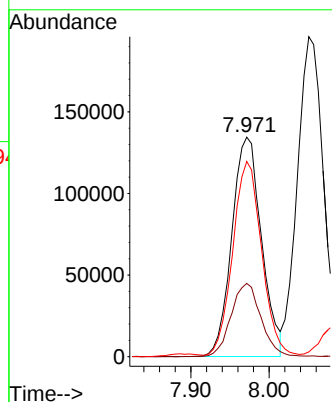
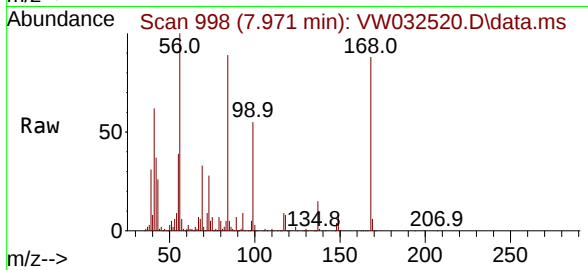




#31
Cyclohexane
Concen: 50.690 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

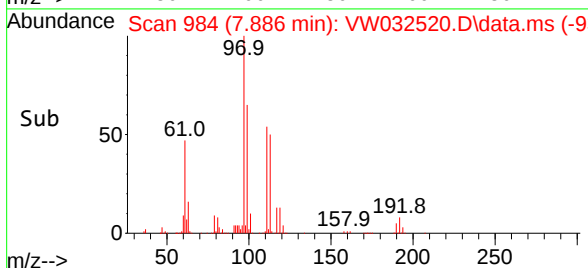
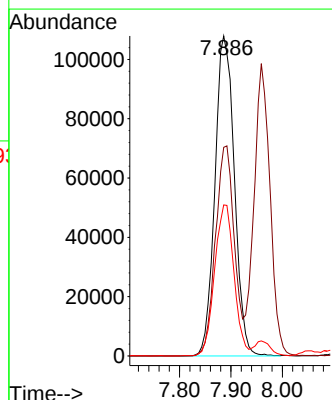
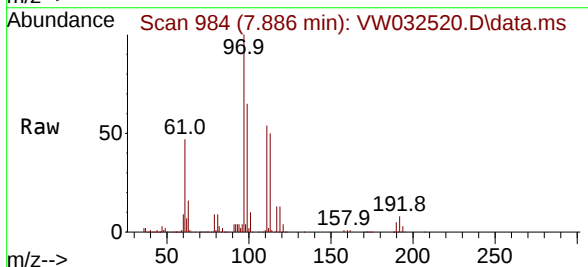
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

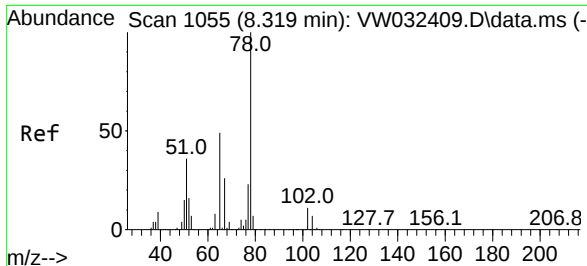
Tgt Ion: 56 Resp: 353462
Ion Ratio Lower Upper
56 100
69 33.4 26.5 39.7
84 87.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 53.766 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 97 Resp: 283442
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 47.1 35.5 53.3

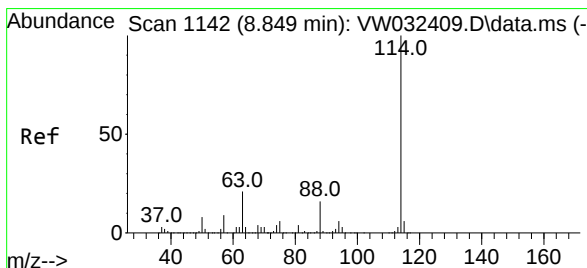
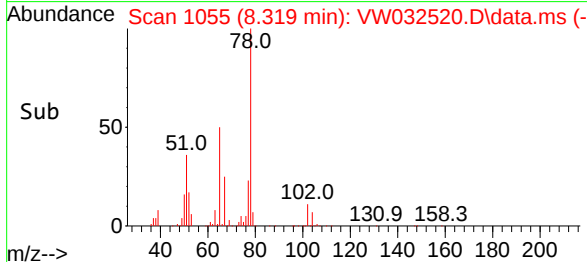
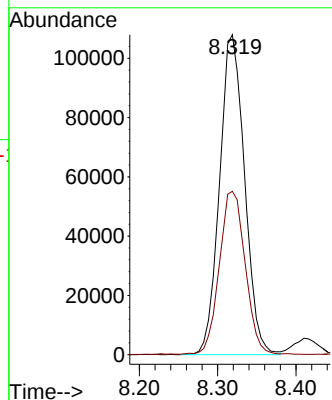
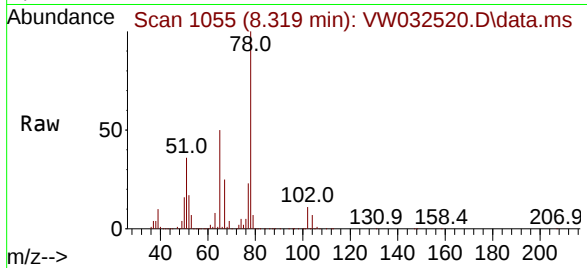




#33
 1,2-Dichloroethane-d4
 Concen: 56.907 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

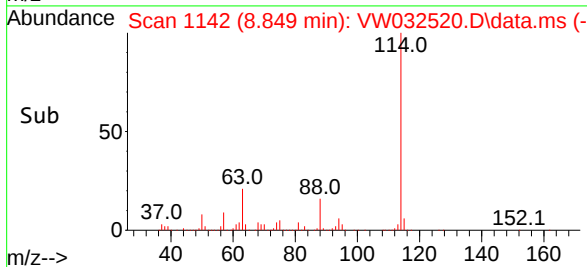
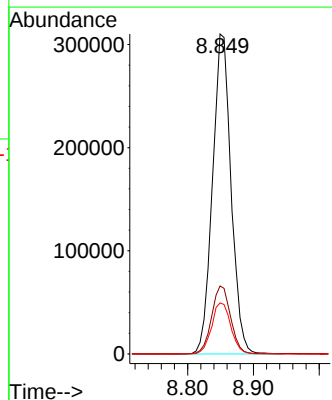
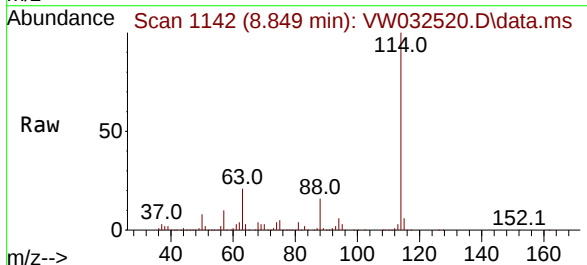
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

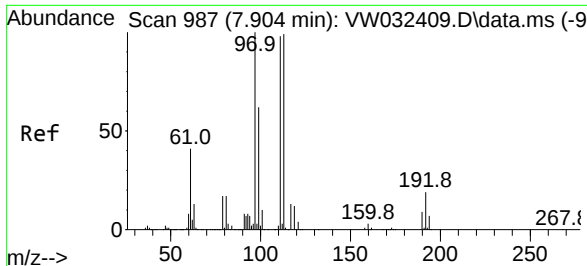
Tgt Ion: 65 Resp: 239859
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Tgt Ion: 114 Resp: 608350
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.9 0.0 32.6

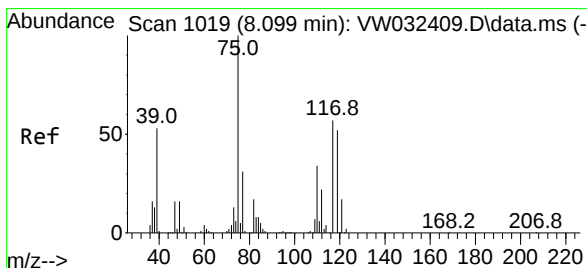
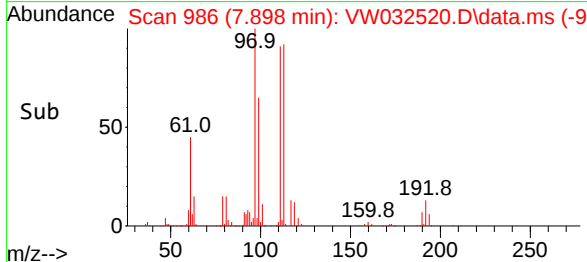
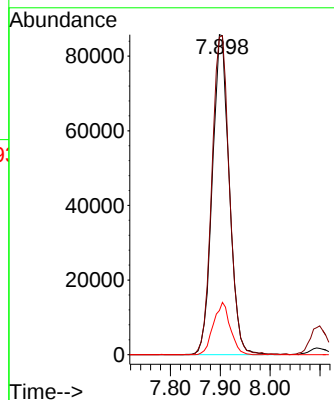
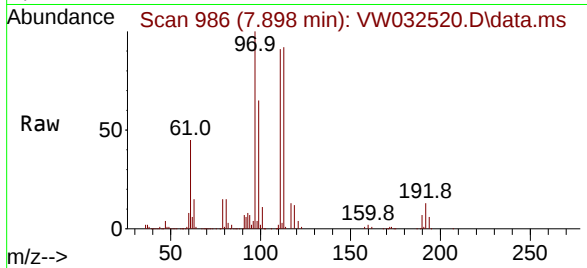




#35
Dibromofluoromethane
Concen: 55.543 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

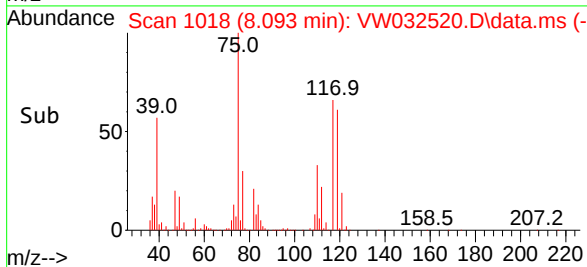
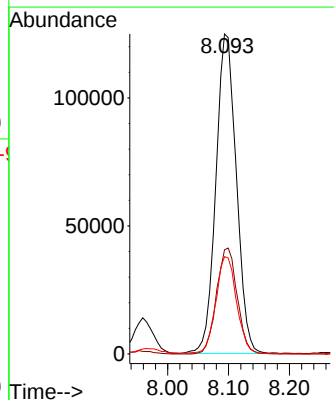
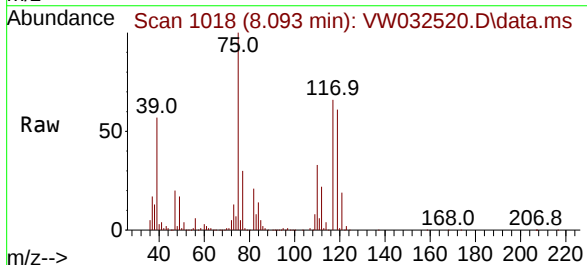
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

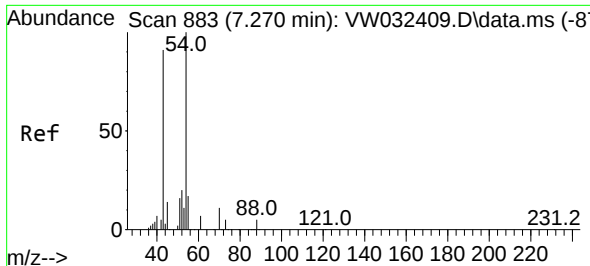
Tgt Ion:113 Resp: 202307
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.2 13.4 20.2



#36
1,1-Dichloropropene
Concen: 54.374 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 75 Resp: 291804
Ion Ratio Lower Upper
75 100
110 33.4 17.2 51.5
77 31.1 24.5 36.7

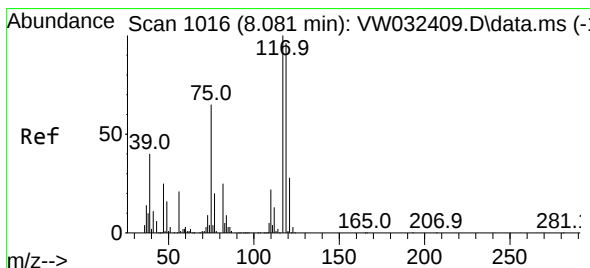
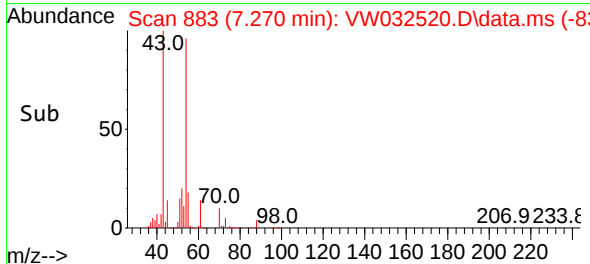
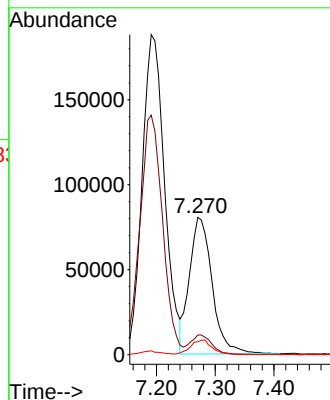
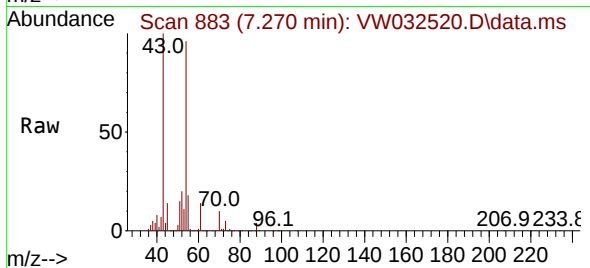




#37
Ethyl Acetate
Concen: 54.219 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

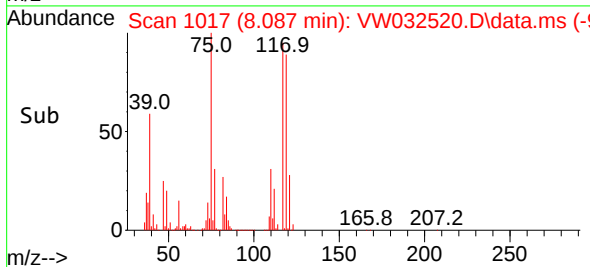
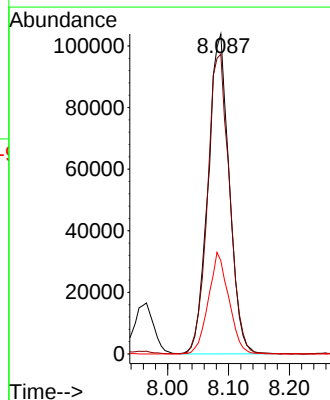
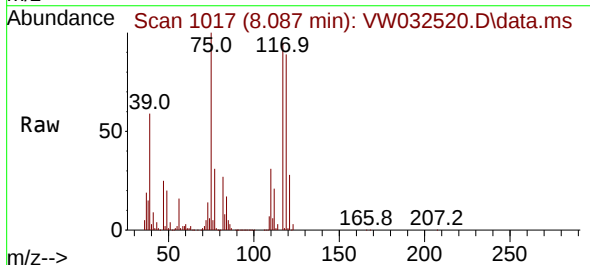
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

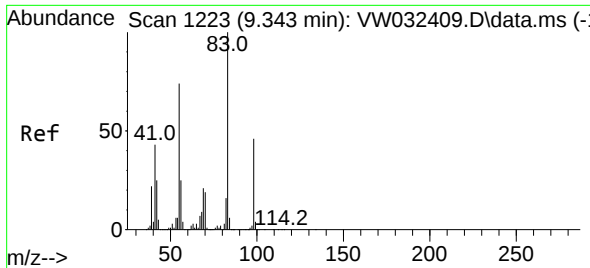
Tgt Ion: 43 Resp: 216368
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 52.569 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 117 Resp: 250674
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.4
121 29.2 22.0 33.0

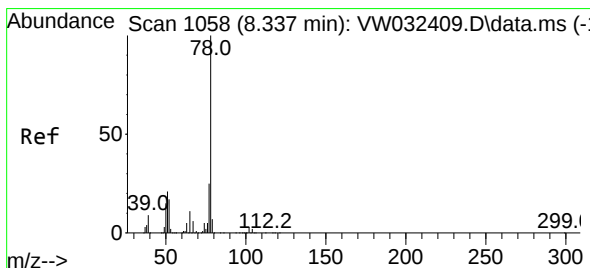
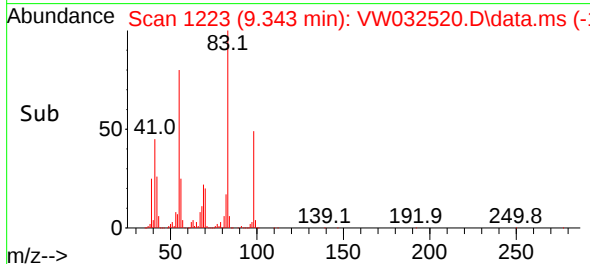
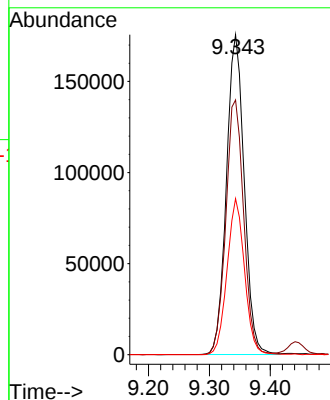
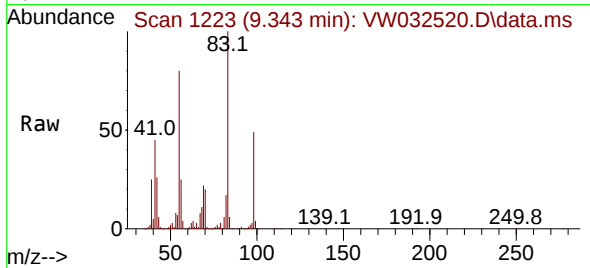




#39
Methylcyclohexane
Concen: 51.145 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

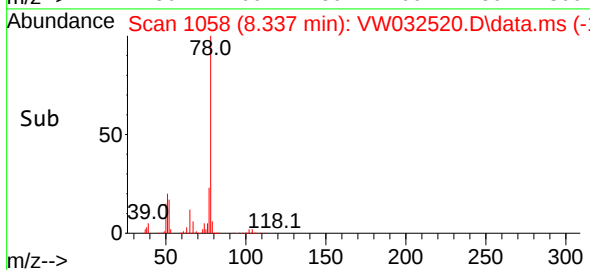
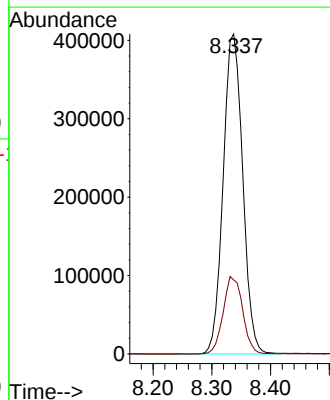
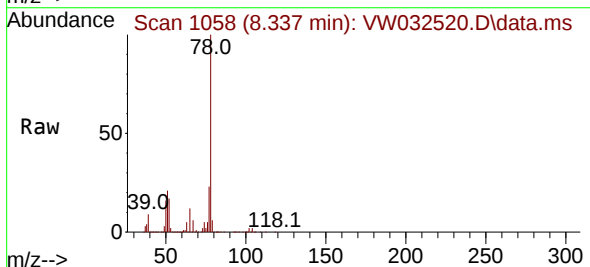
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

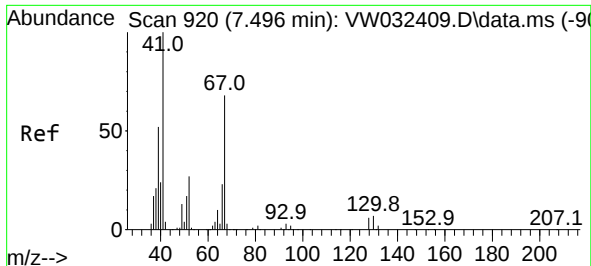
Tgt Ion: 83 Resp: 355573
Ion Ratio Lower Upper
83 100
55 79.6 59.2 88.8
98 48.8 36.6 54.8



#40
Benzene
Concen: 54.536 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 78 Resp: 942514
Ion Ratio Lower Upper
78 100
77 23.1 19.6 29.4



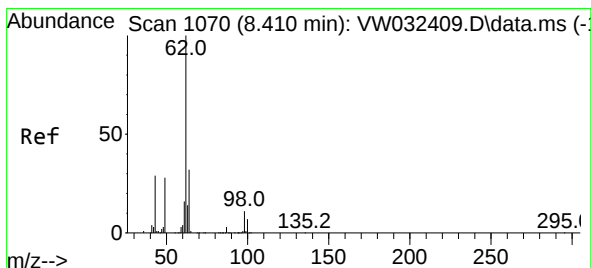
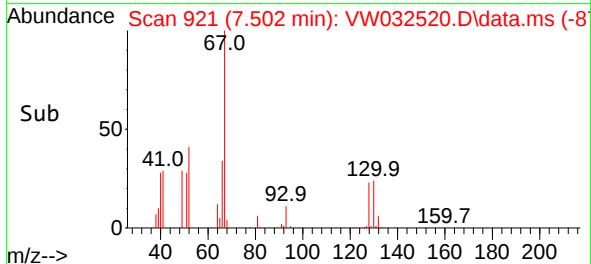
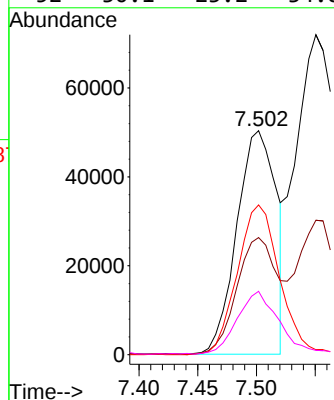
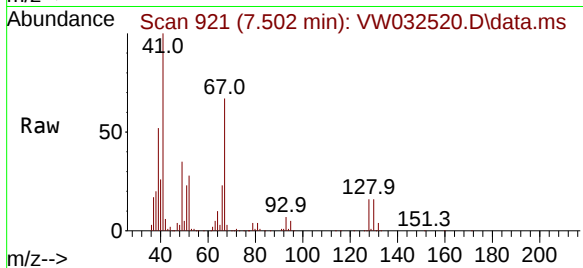


#41
Methacrylonitrile
Concen: 53.608 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 117517

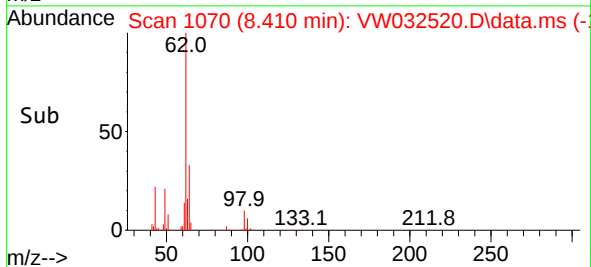
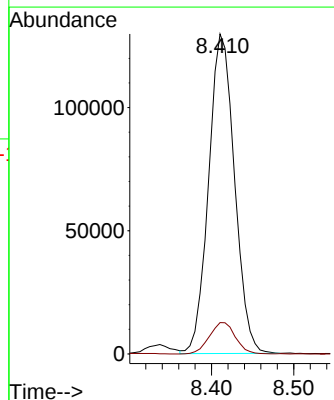
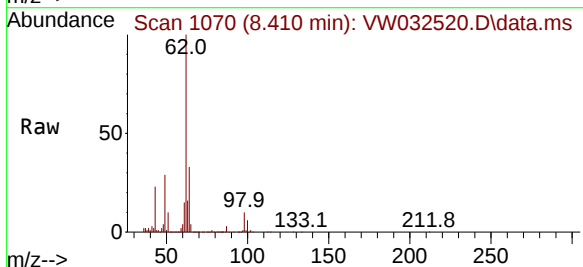
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.6	66.8
67	72.5	57.6	86.4
52	30.1	23.2	34.8

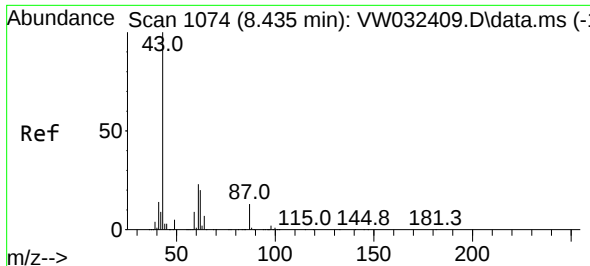


#42
1,2-Dichloroethane
Concen: 56.047 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 62 Resp: 284516

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

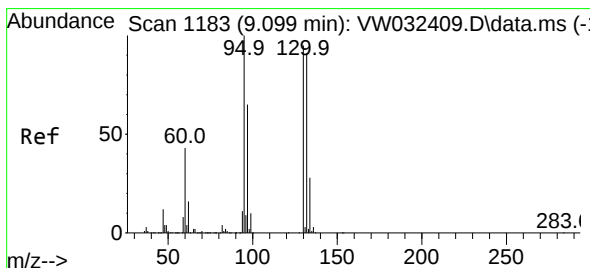
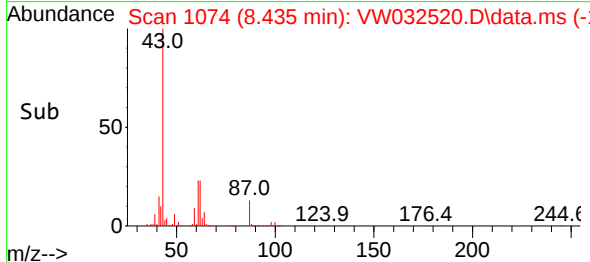
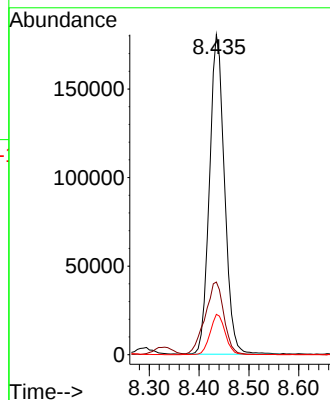
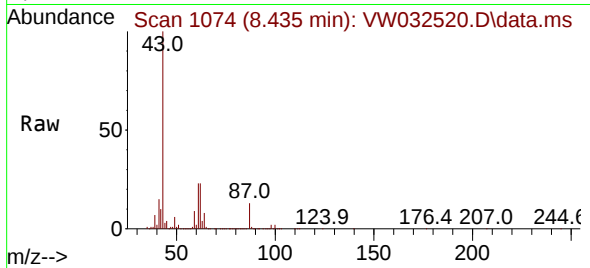




#43
Isopropyl Acetate
Concen: 53.508 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

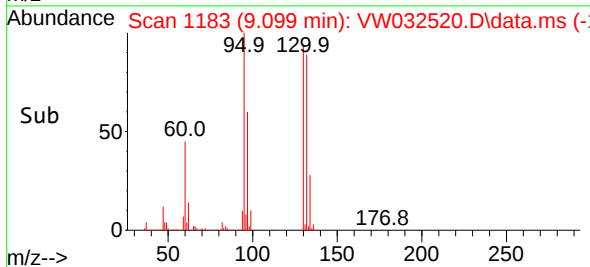
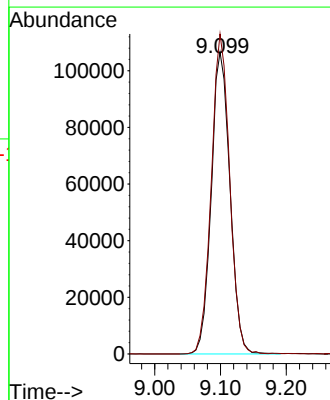
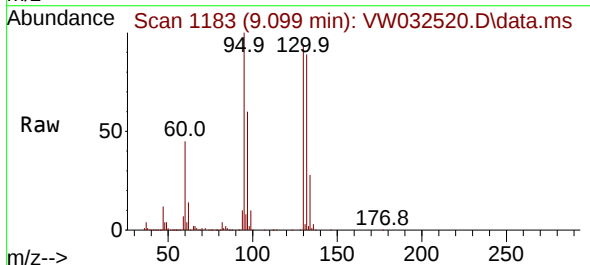
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

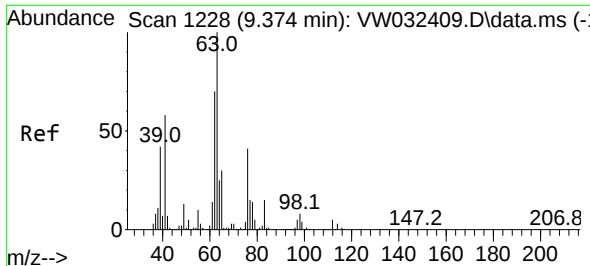
Tgt Ion: 43 Resp: 378096
Ion Ratio Lower Upper
43 100
61 28.4 22.6 33.8
87 12.7 10.6 15.8



#44
Trichloroethene
Concen: 52.375 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion:130 Resp: 210627
Ion Ratio Lower Upper
130 100
95 106.1 0.0 209.6





#45

1,2-Dichloropropane

Concen: 56.427 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

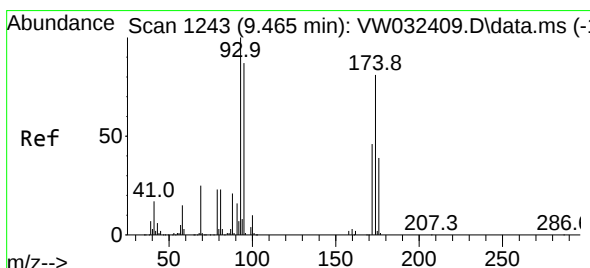
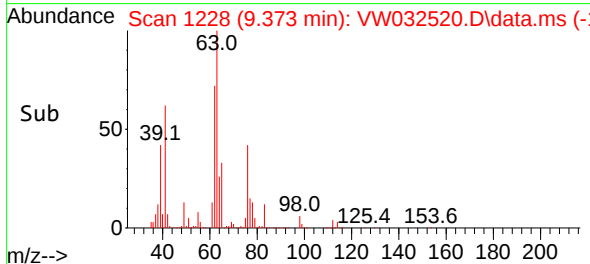
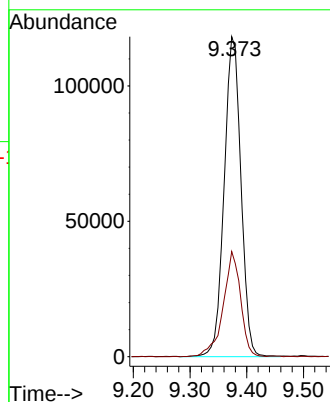
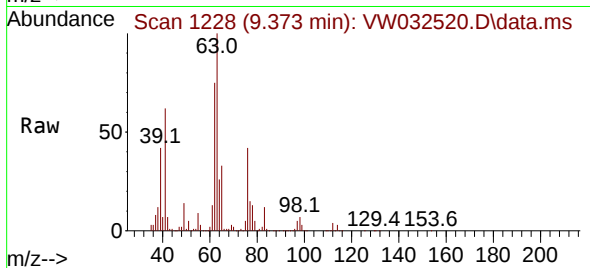
VSTDCCC050

Tgt Ion: 63 Resp: 242827

Ion Ratio Lower Upper

63 100

65 32.8 24.4 36.6



#46

Dibromomethane

Concen: 54.937 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

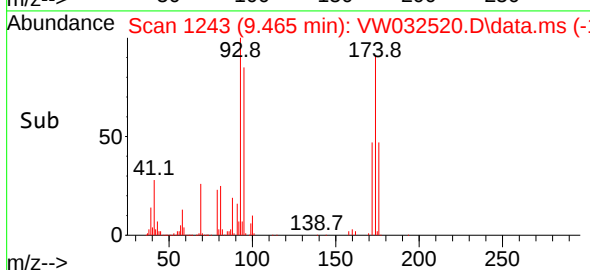
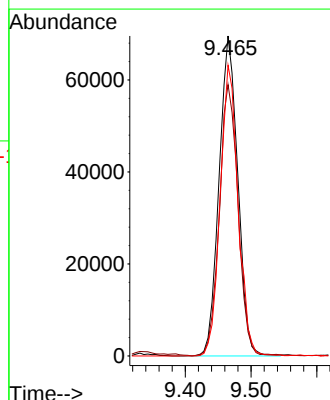
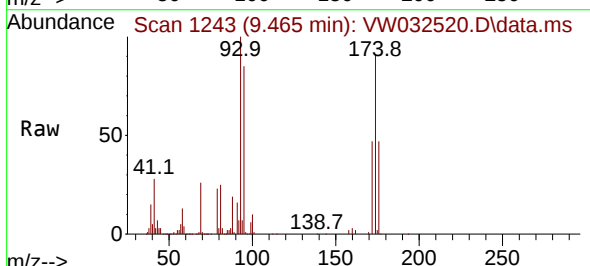
Tgt Ion: 93 Resp: 138152

Ion Ratio Lower Upper

93 100

95 84.6 67.1 100.7

174 86.8 68.2 102.4

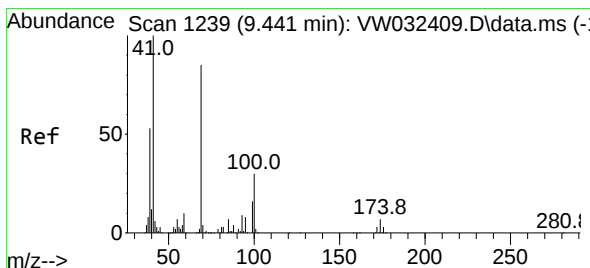
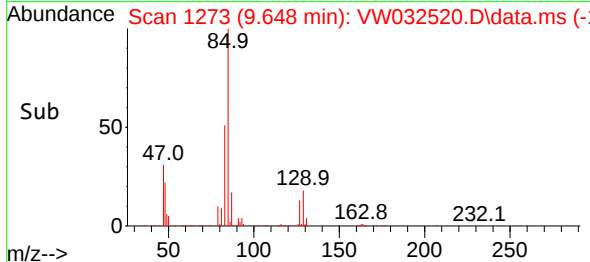
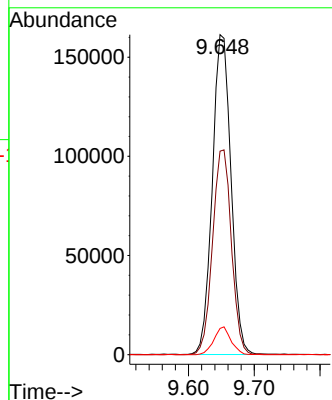
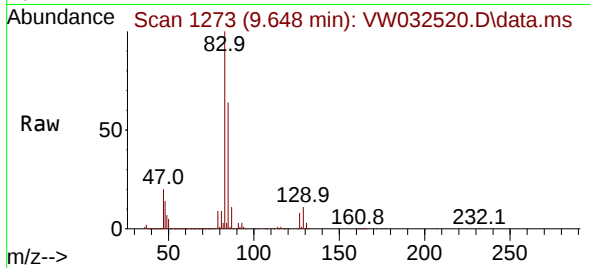




#47
Bromodichloromethane
Concen: 55.469 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

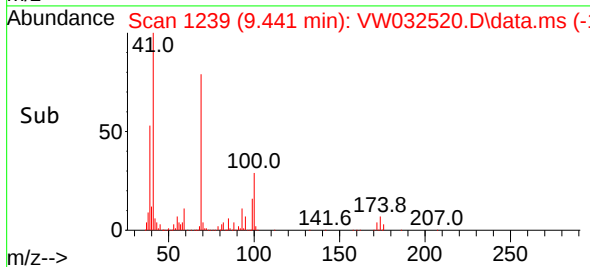
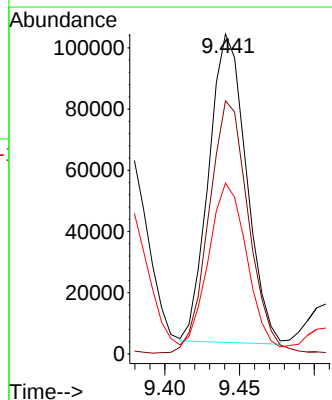
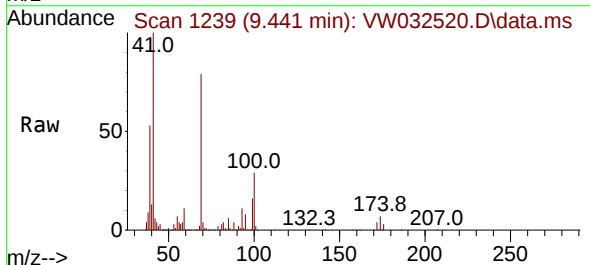
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

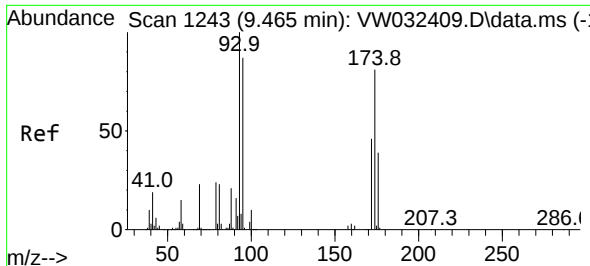
Tgt Ion: 83 Resp: 318191
Ion Ratio Lower Upper
83 100
85 63.7 48.7 73.1
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 52.290 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 41 Resp: 175577
Ion Ratio Lower Upper
41 100
69 87.5 65.8 98.6
39 53.6 38.6 57.8

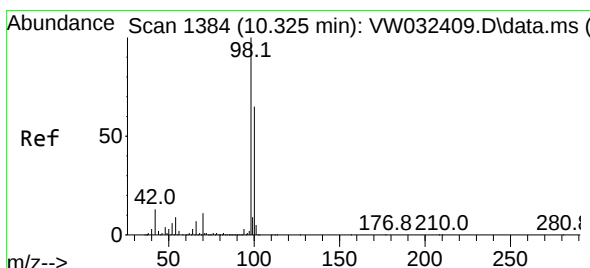
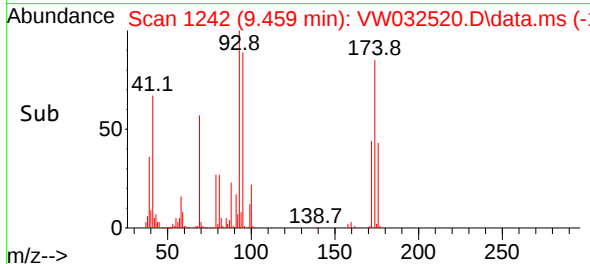
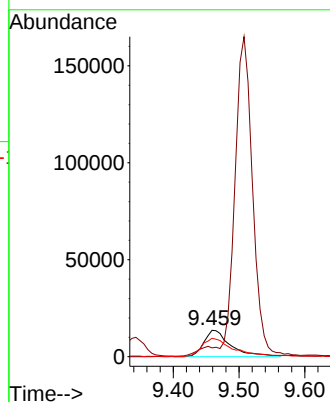
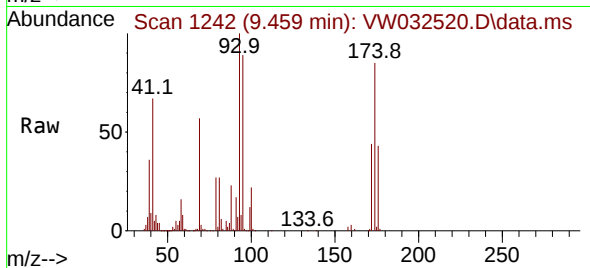




#49
1,4-Dioxane
Concen: 1091.111 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

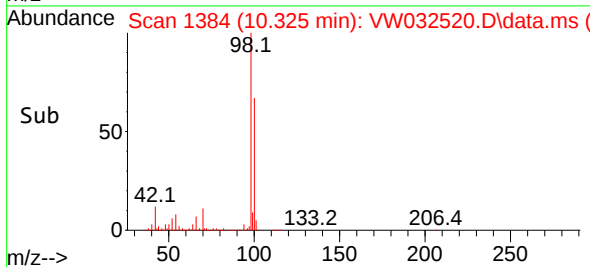
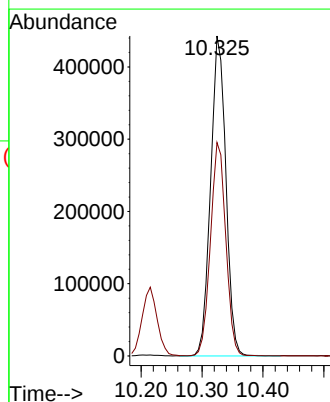
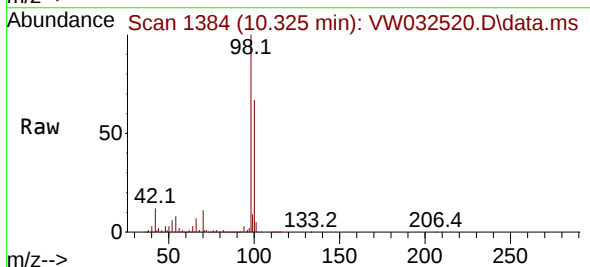
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

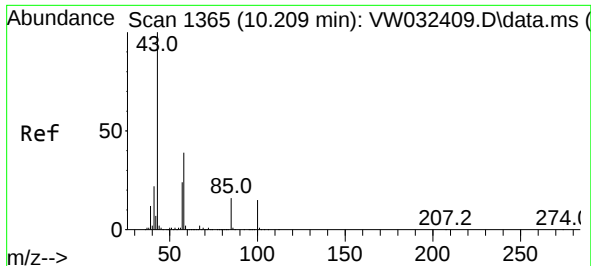
Tgt Ion: 88 Resp: 38438
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 83.9 63.0 94.4



#50
Toluene-d8
Concen: 55.106 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 98 Resp: 770013
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9

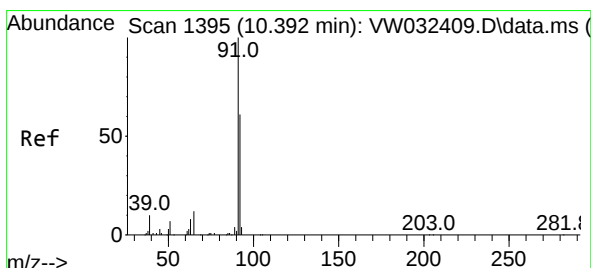
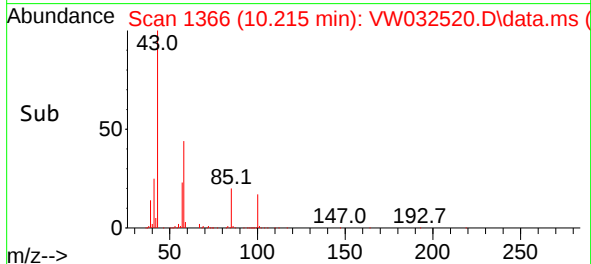
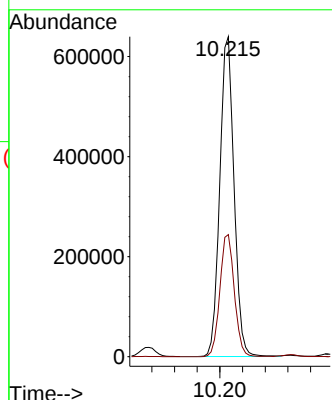
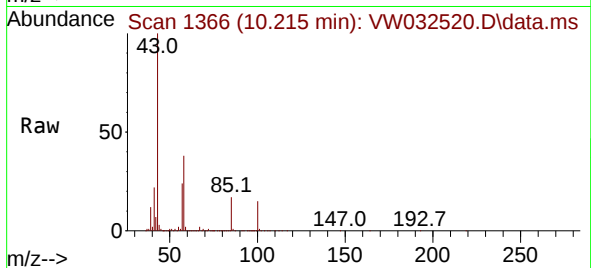




#51
4-Methyl-2-Pentanone
Concen: 285.806 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

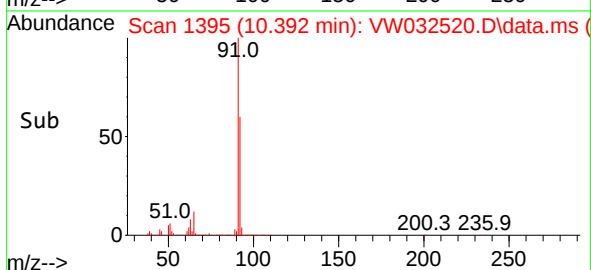
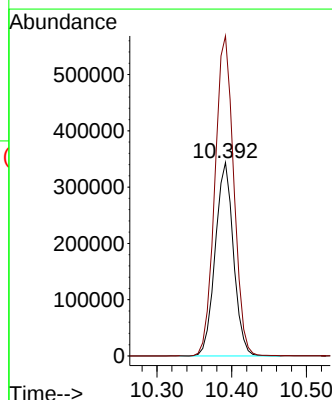
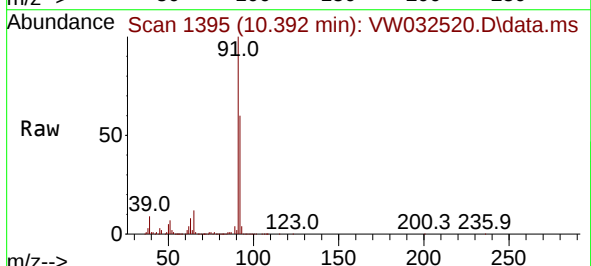
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

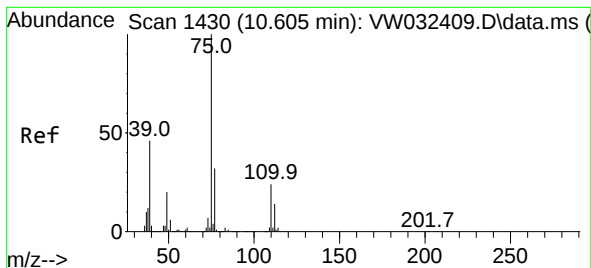
Tgt Ion: 43 Resp: 1116450
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2



#52
Toluene
Concen: 54.312 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 92 Resp: 579784
Ion Ratio Lower Upper
92 100
91 172.0 136.6 205.0

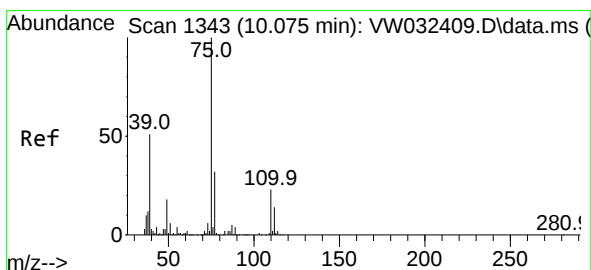
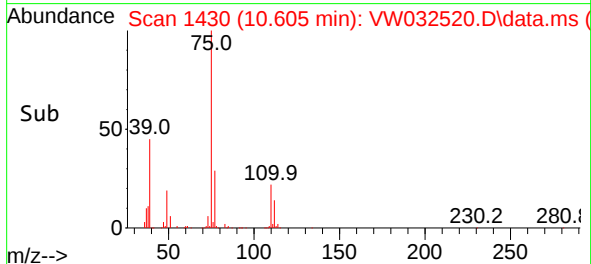
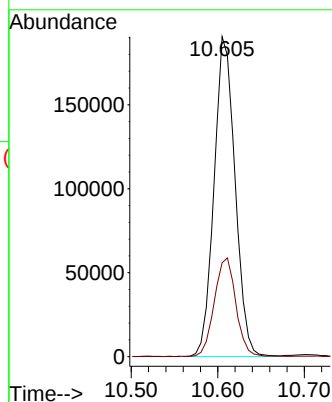
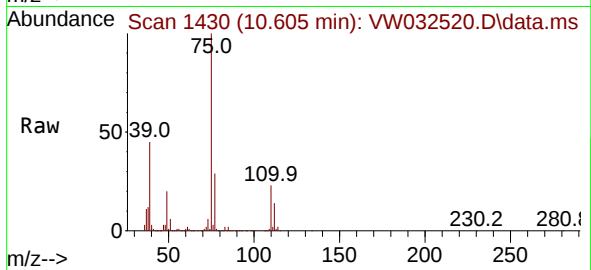




#53
 t-1,3-Dichloropropene
 Concen: 54.403 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

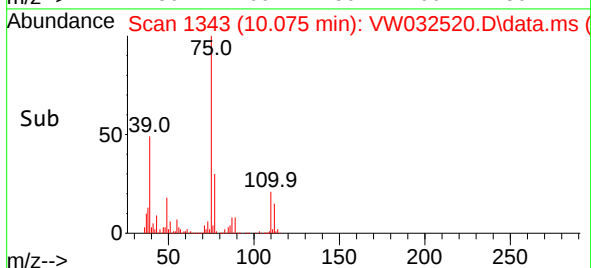
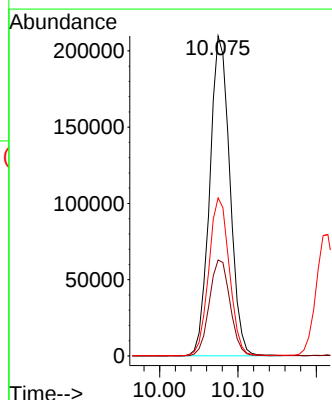
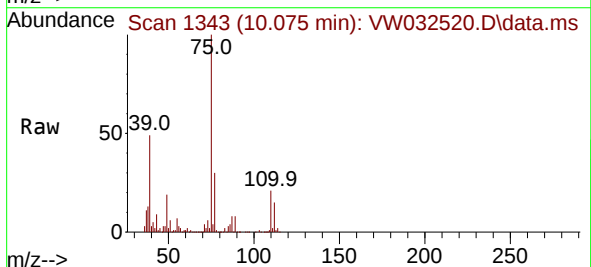
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

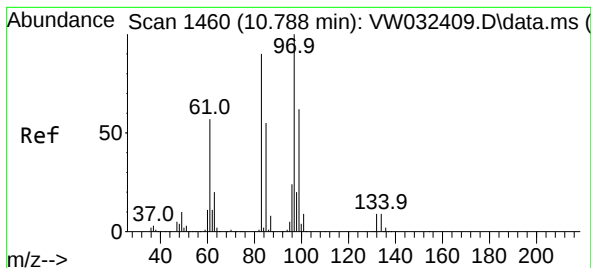
Tgt Ion: 75 Resp: 321397
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.718 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032520.D
 Acq: 21 Nov 2025 10:53

Tgt Ion: 75 Resp: 373831
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.6 38.4
 39 49.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 55.269 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 190668

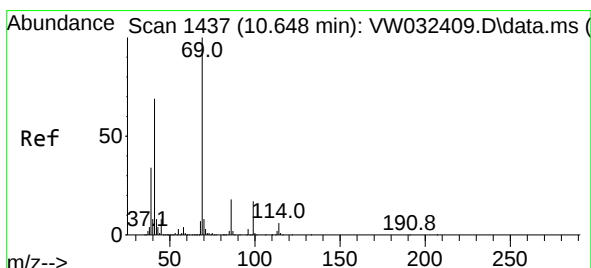
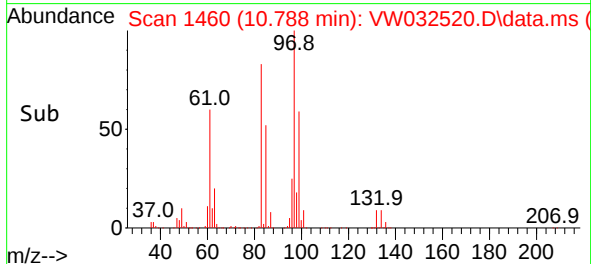
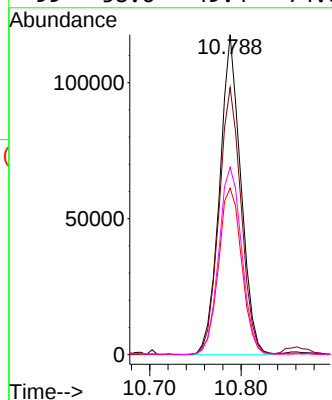
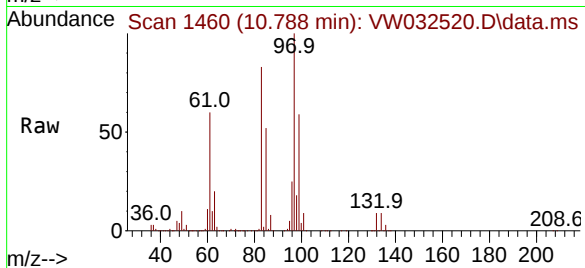
Ion Ratio Lower Upper

97 100

83 83.4 72.2 108.4

85 51.9 43.8 65.8

99 58.6 49.4 74.0



#56

Ethyl methacrylate

Concen: 53.590 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

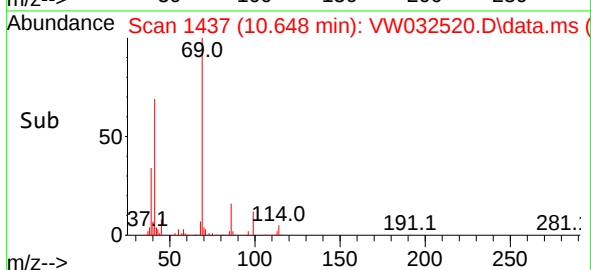
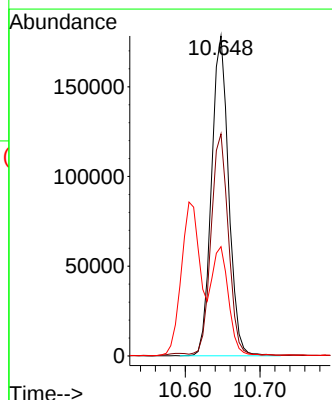
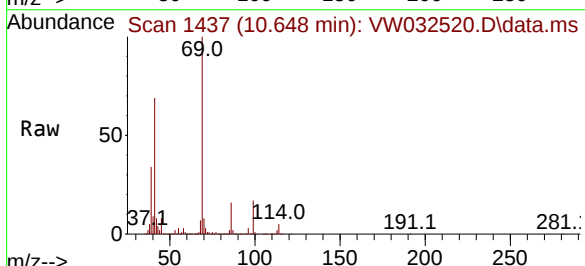
Tgt Ion: 69 Resp: 283660

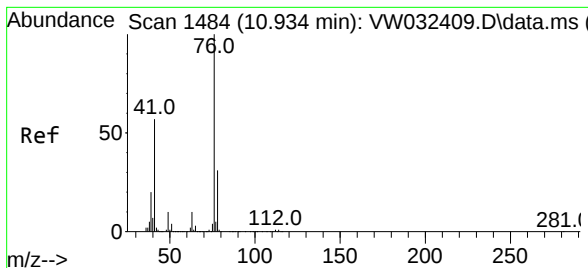
Ion Ratio Lower Upper

69 100

41 69.9 54.4 81.6

39 32.4 25.4 38.0

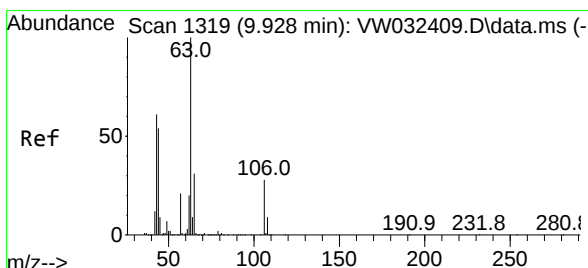
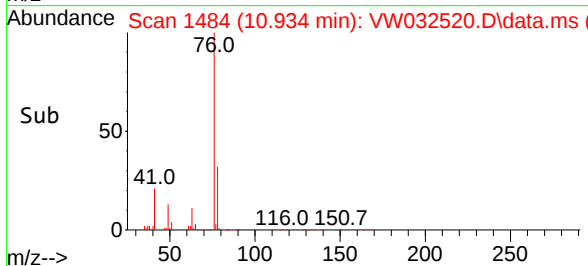
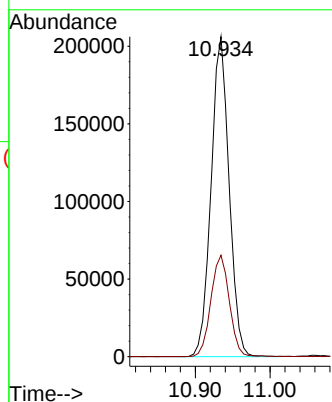
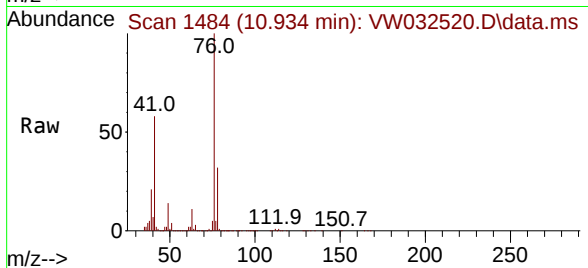




#57
1,3-Dichloropropane
Concen: 56.073 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

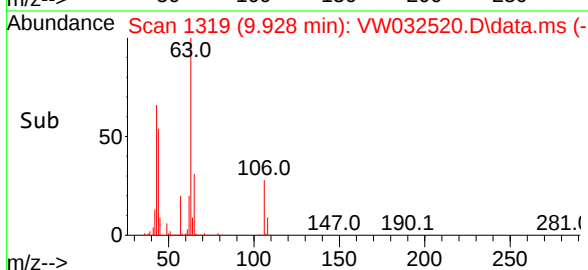
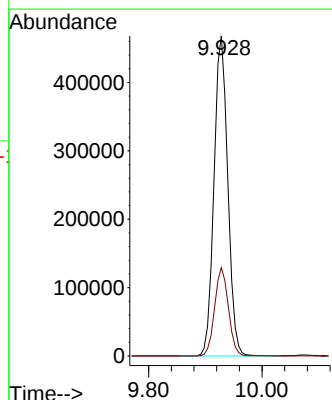
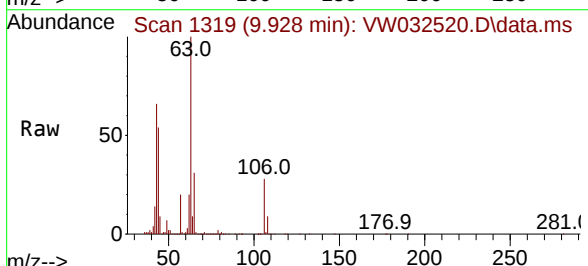
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

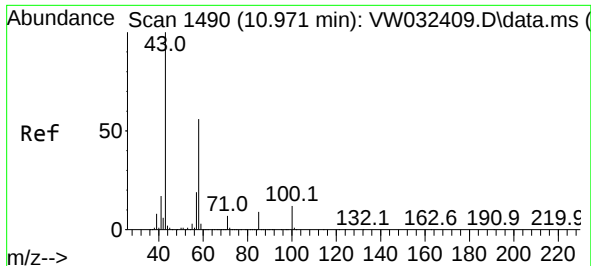
Tgt Ion: 76 Resp: 345492
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 279.832 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 63 Resp: 788810
Ion Ratio Lower Upper
63 100
106 27.5 22.0 33.0

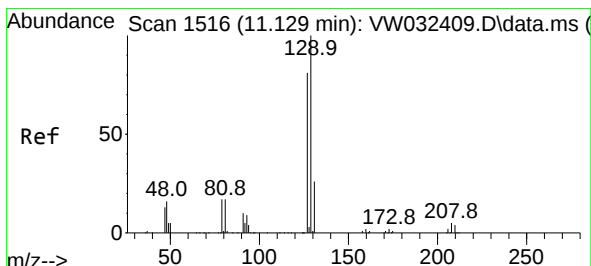
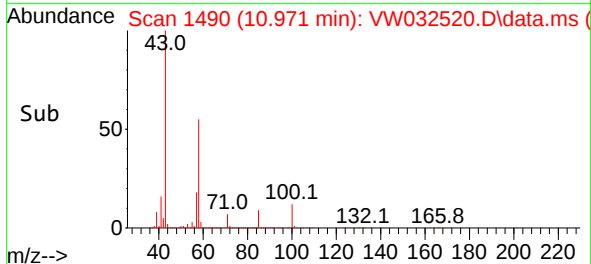
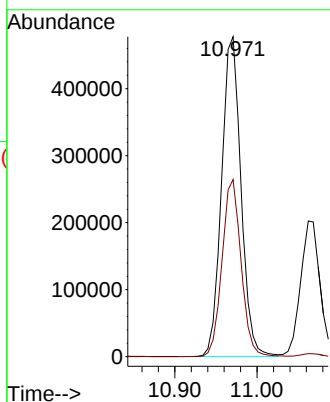
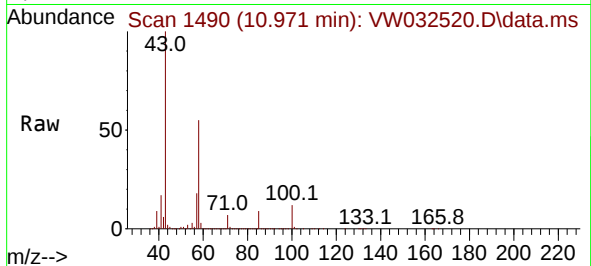




#59
2-Hexanone
Concen: 274.613 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

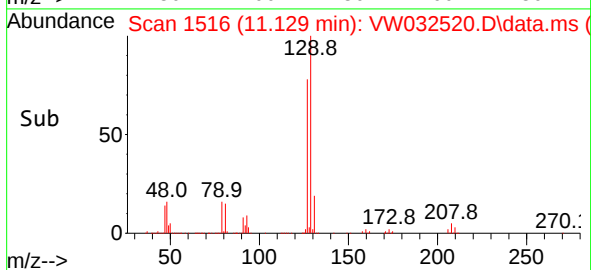
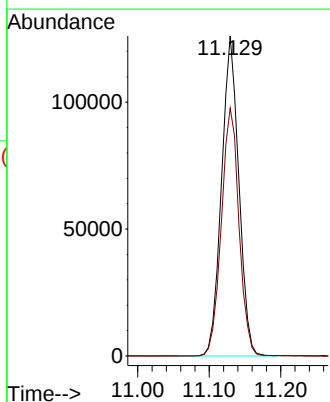
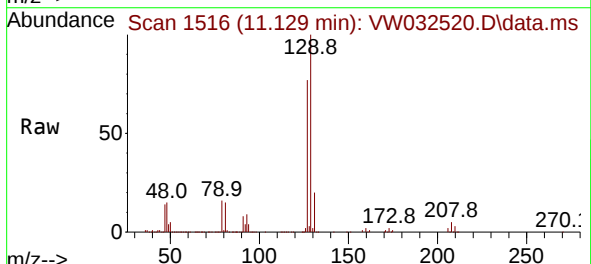
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

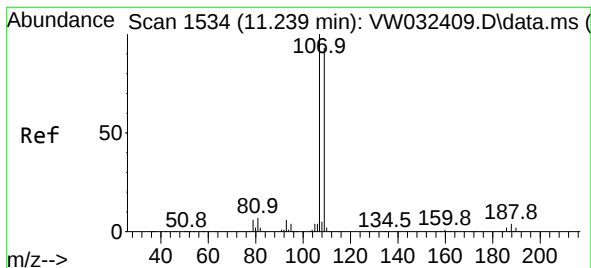
Tgt Ion: 43 Resp: 784843
Ion Ratio Lower Upper
43 100
58 54.4 27.4 82.2



#60
Dibromochloromethane
Concen: 54.924 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 129 Resp: 211593
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6

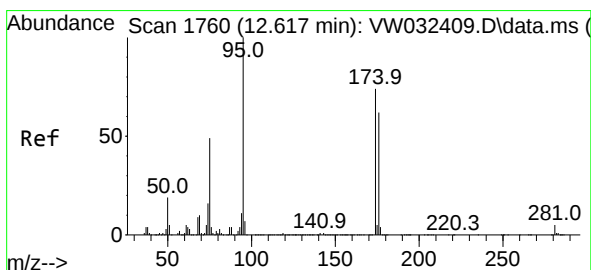
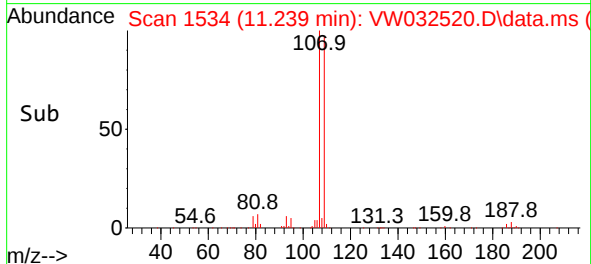
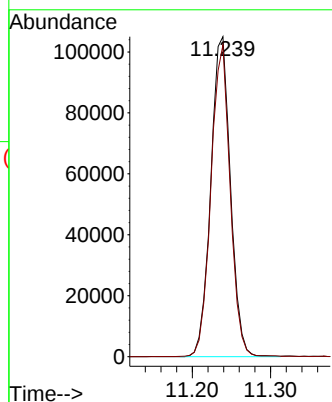
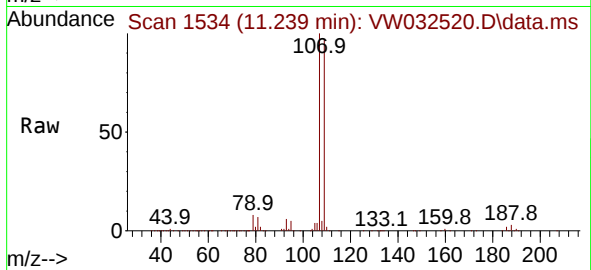




#61
1,2-Dibromoethane
Concen: 54.614 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

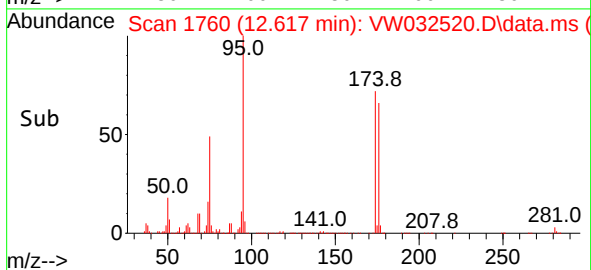
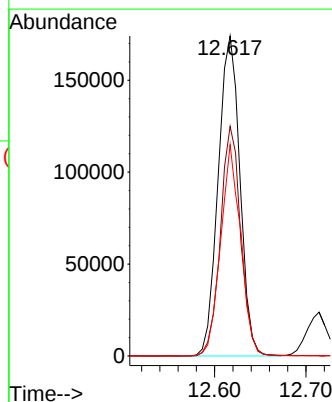
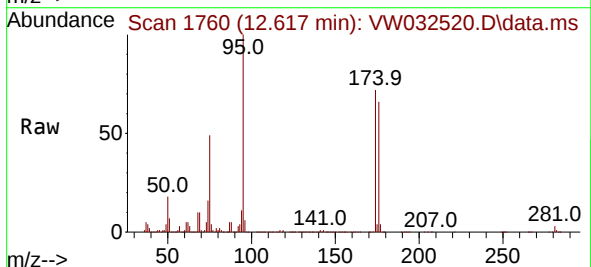
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

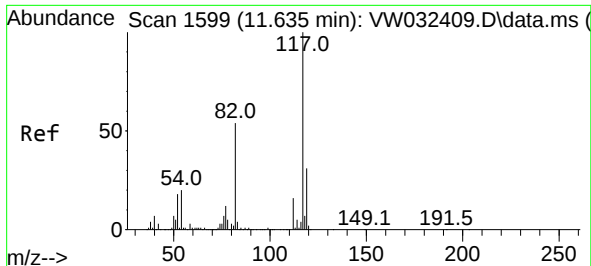
Tgt Ion:107 Resp: 183503
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 54.548 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 95 Resp: 287931
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.4
176 61.0 0.0 131.8

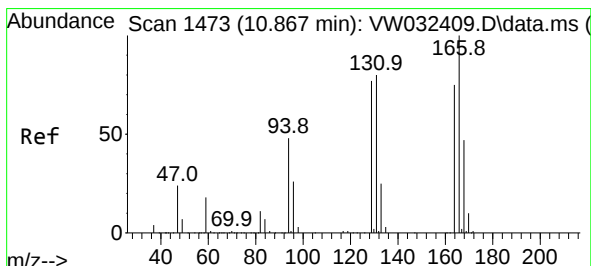
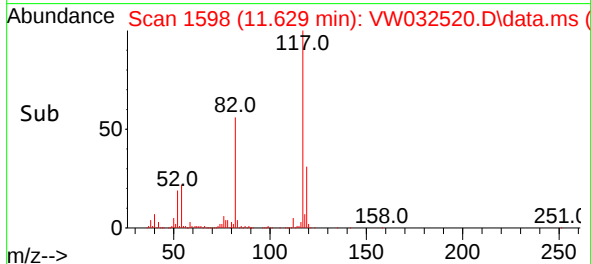
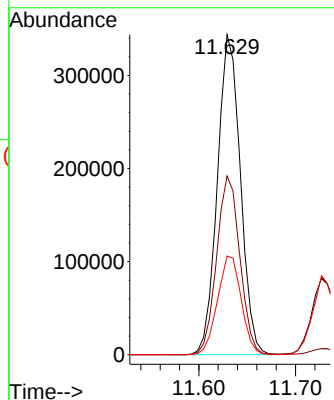
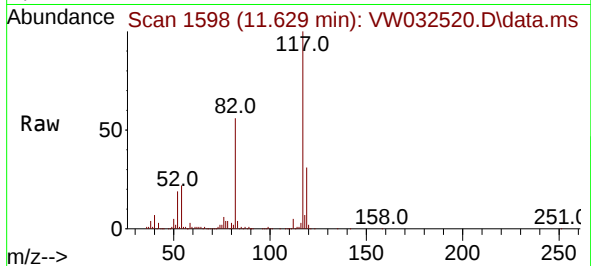




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

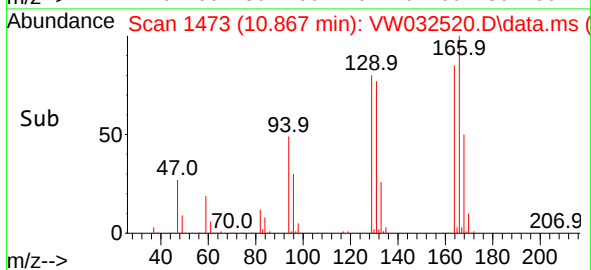
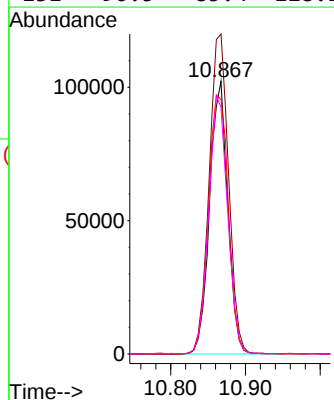
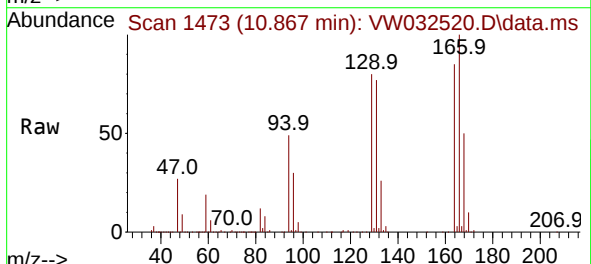
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 567953
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 30.8 25.0 37.6



#64
Tetrachloroethene
Concen: 51.361 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion:164 Resp: 172744
Ion Ratio Lower Upper
164 100
166 117.4 107.0 160.4
129 93.4 82.9 124.3
131 90.5 85.4 128.2





#65

Chlorobenzene

Concen: 51.998 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

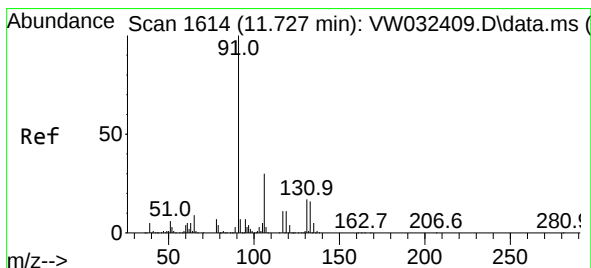
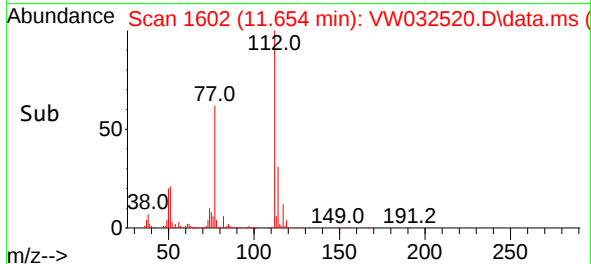
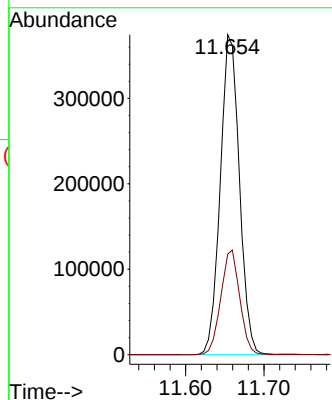
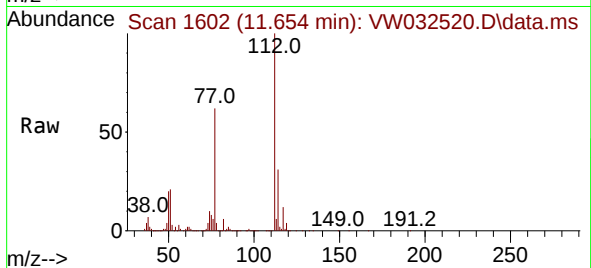
VSTDCCC050

Tgt Ion:112 Resp: 636525

Ion Ratio Lower Upper

112 100

114 31.4 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.738 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

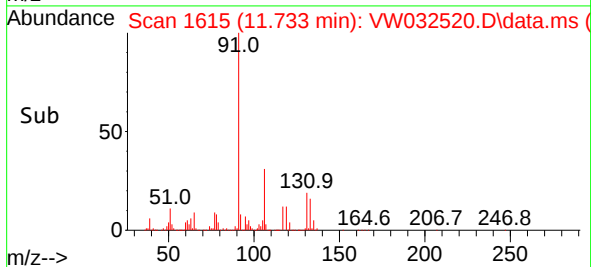
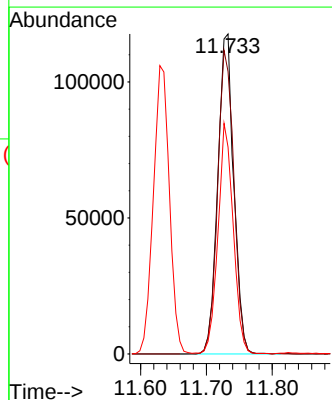
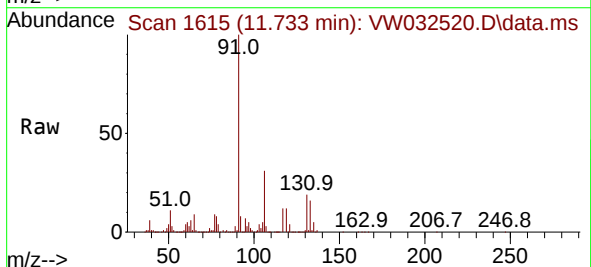
Tgt Ion:131 Resp: 199797

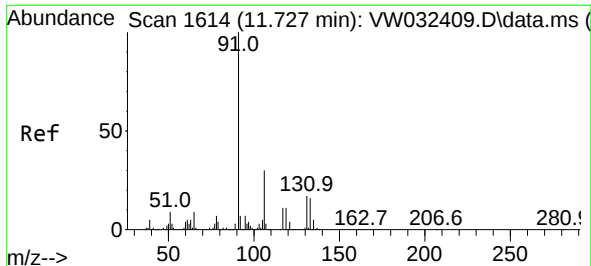
Ion Ratio Lower Upper

131 100

133 96.5 46.9 140.6

119 68.6 33.4 100.2

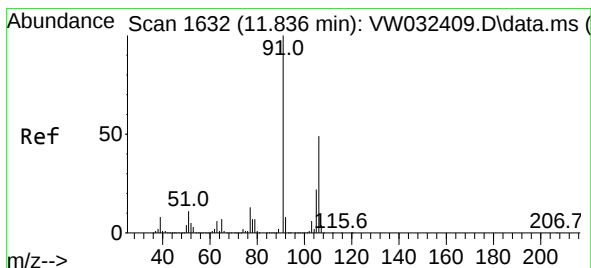
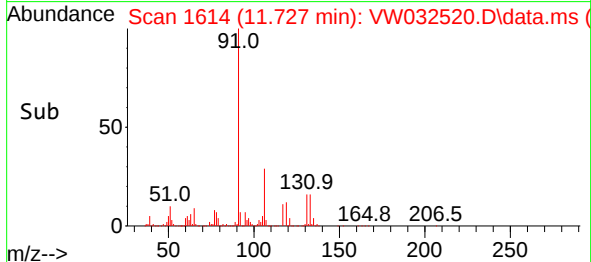
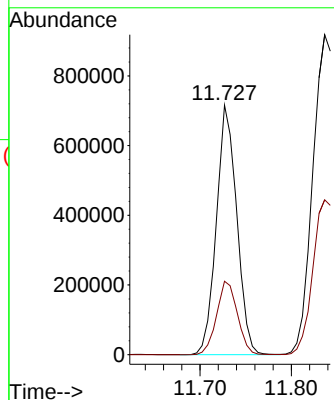
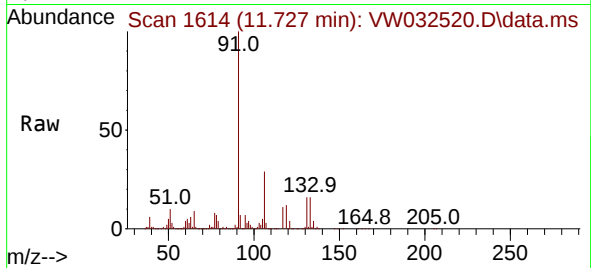




#67
Ethyl Benzene
Concen: 52.442 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

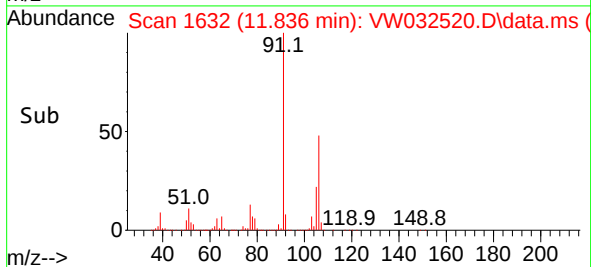
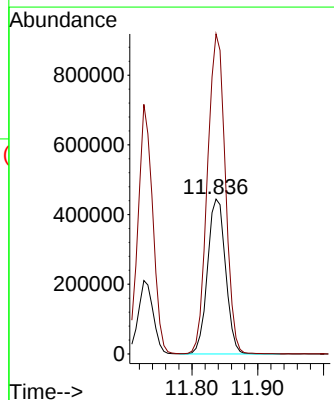
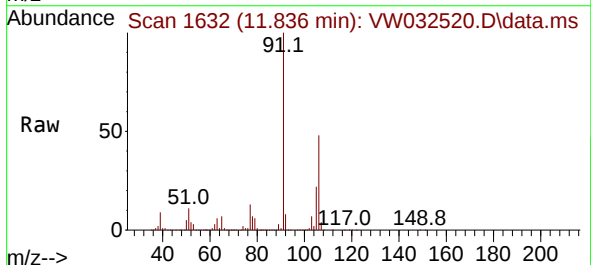
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

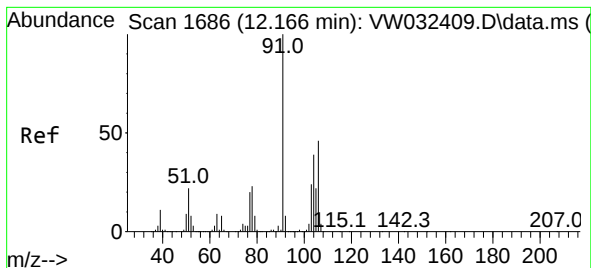
Tgt Ion: 91 Resp: 1110782
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2



#68
m/p-Xylenes
Concen: 106.470 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 106 Resp: 846726
Ion Ratio Lower Upper
106 100
91 205.1 165.5 248.3

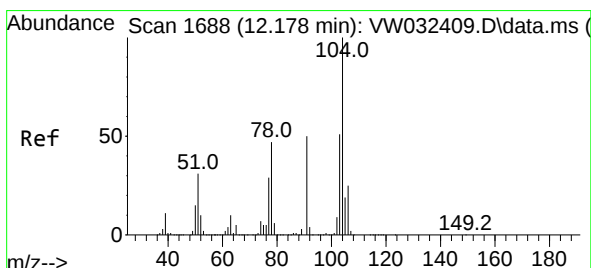
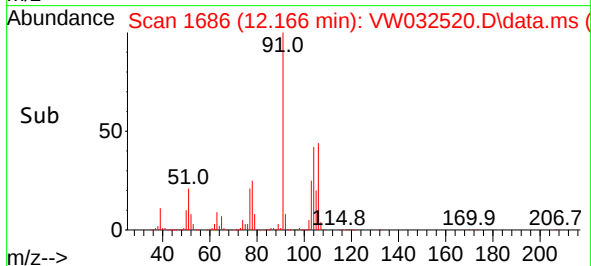
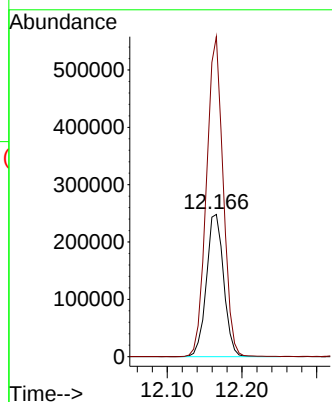
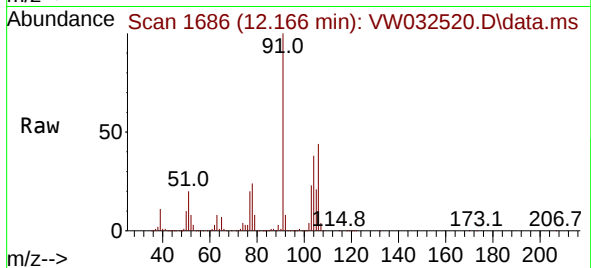




#69
o-Xylene
Concen: 52.234 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

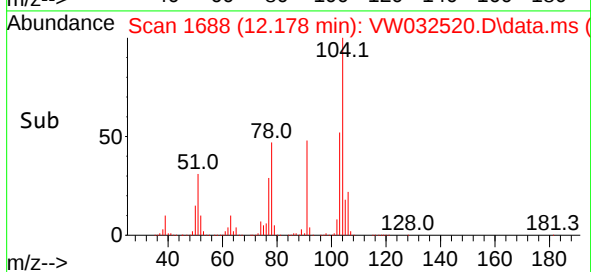
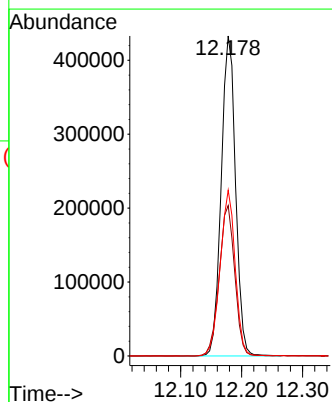
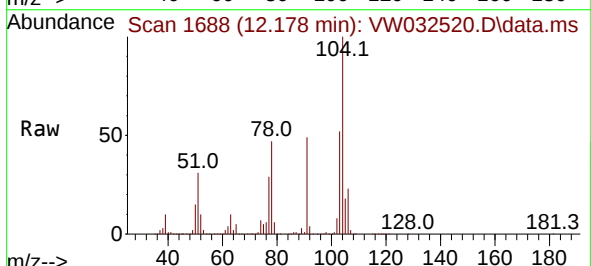
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

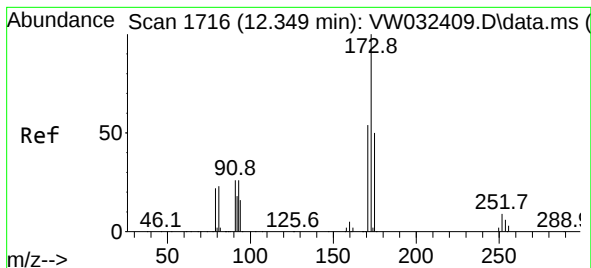
Tgt Ion:106 Resp: 397745
Ion Ratio Lower Upper
106 100
91 217.6 109.3 327.8



#70
Styrene
Concen: 53.954 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion:104 Resp: 706752
Ion Ratio Lower Upper
104 100
78 50.8 40.7 61.1
103 54.4 43.9 65.9





#71

Bromoform

Concen: 51.272 ug/l

RT: 12.342 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

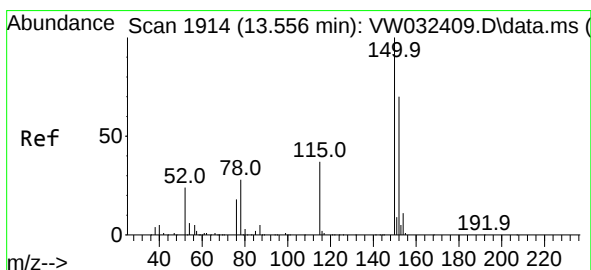
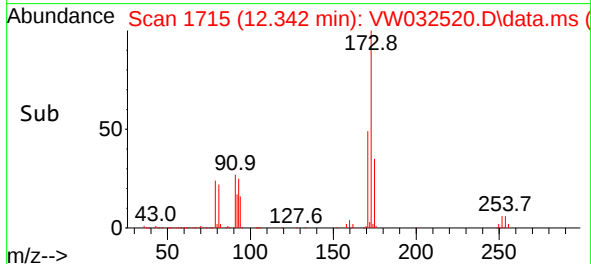
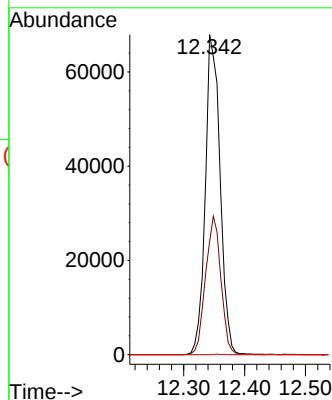
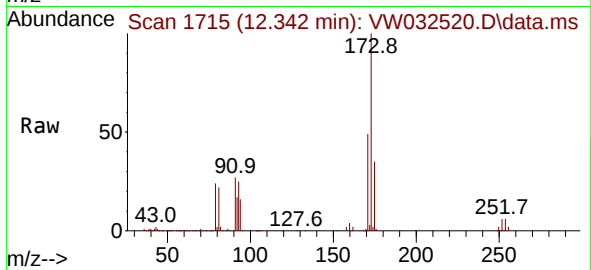
Tgt Ion:173 Resp: 115051

Ion Ratio Lower Upper

173 100

175 44.8 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: VW032520.D

Acq: 21 Nov 2025 10:53

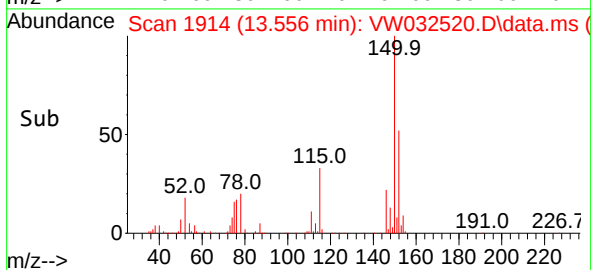
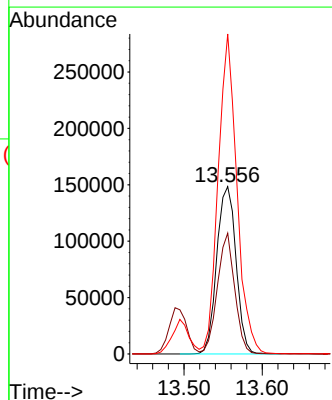
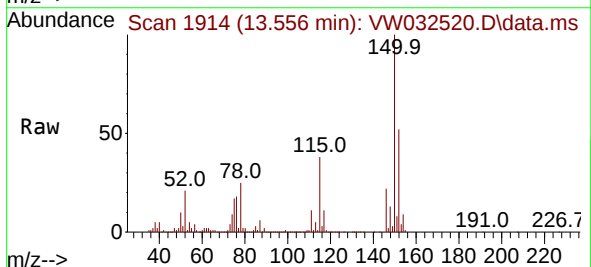
Tgt Ion:152 Resp: 253844

Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 186.1 0.0 356.6





#73

Isopropylbenzene

Concen: 53.104 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

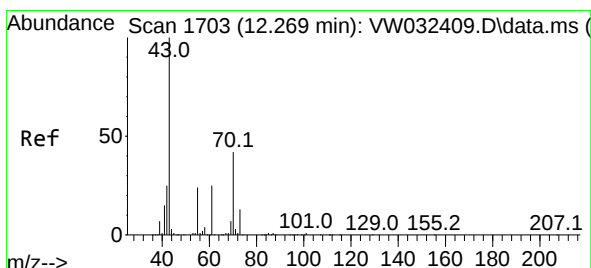
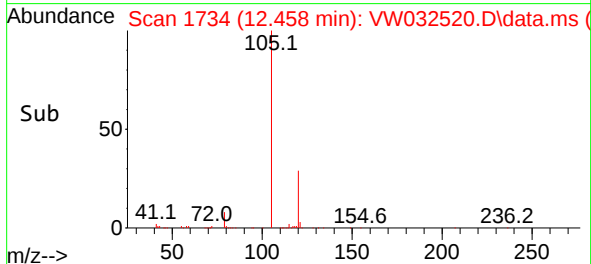
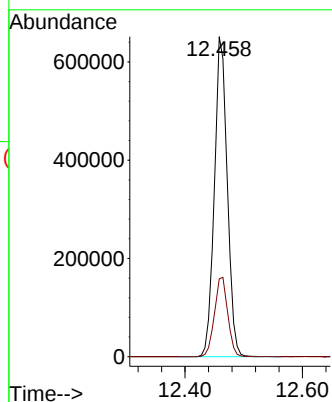
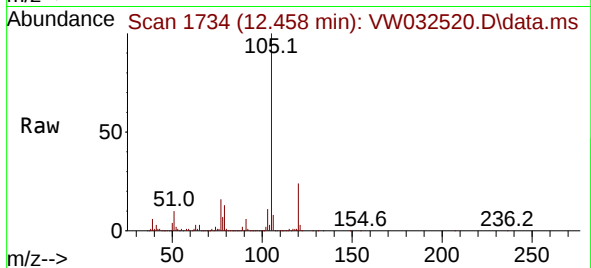
VSTDCCC050

Tgt Ion:105 Resp: 990036

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.5



#74

N-ethyl acetate

Concen: 53.433 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Tgt Ion: 43 Resp: 346155

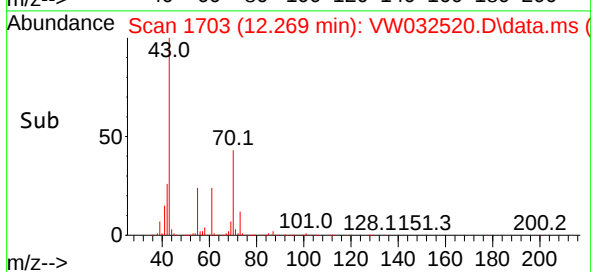
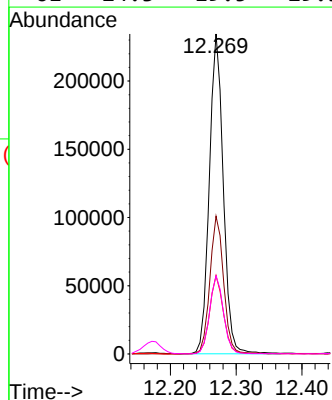
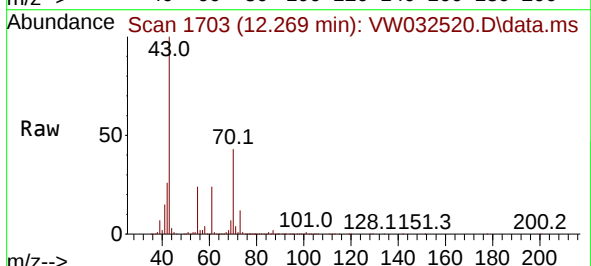
Ion Ratio Lower Upper

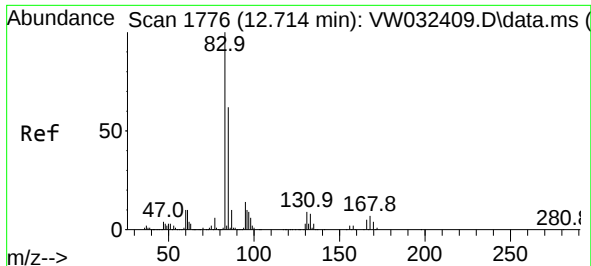
43 100

70 42.7 33.5 50.3

55 24.5 19.3 28.9

61 24.3 19.5 29.3

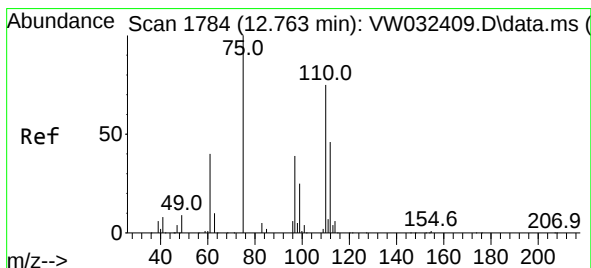
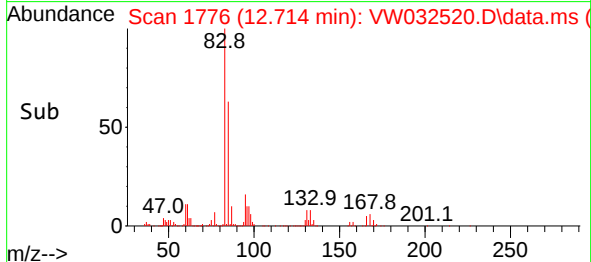
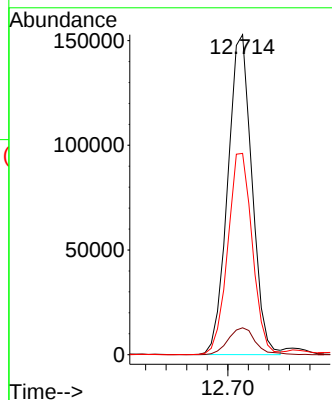
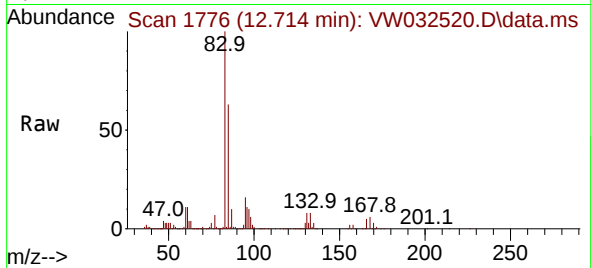




#75
1,1,2,2-Tetrachloroethane
Concen: 56.500 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

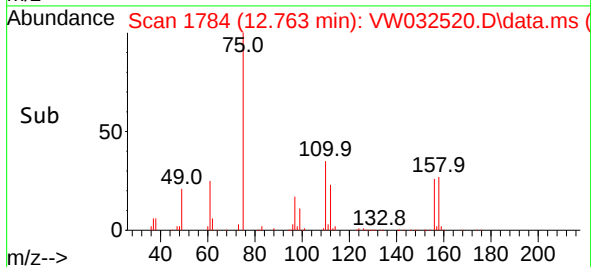
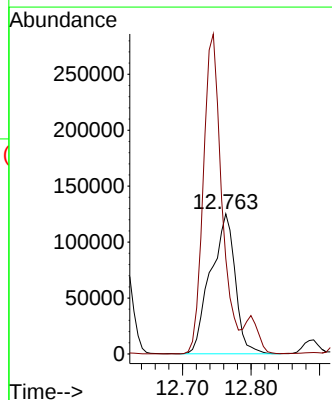
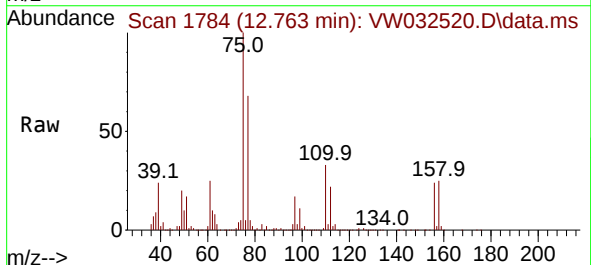
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

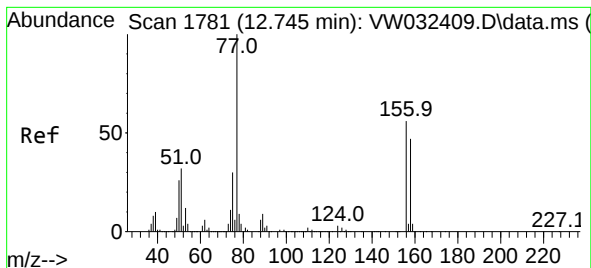
Tgt Ion: 83 Resp: 249981
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.9 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 89.509 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 75 Resp: 311548
Ion Ratio Lower Upper
75 100
77 171.9 151.6 454.8

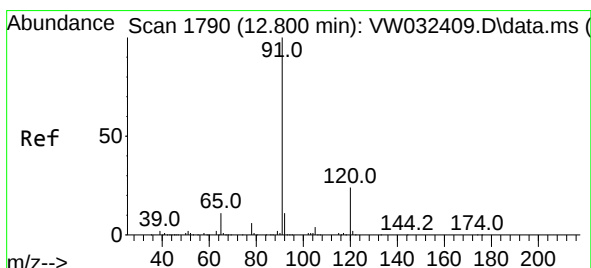
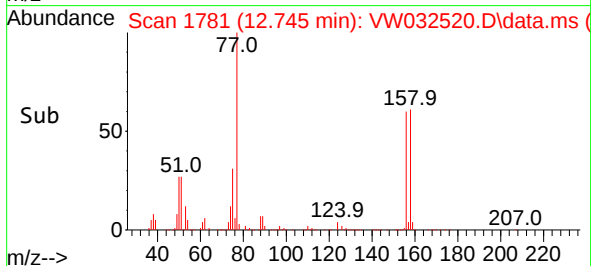
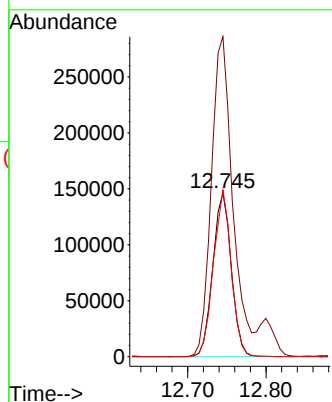
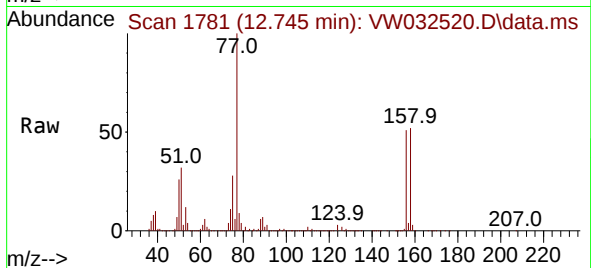




#77
Bromobenzene
Concen: 54.356 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

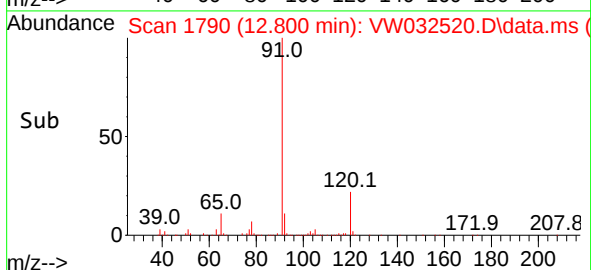
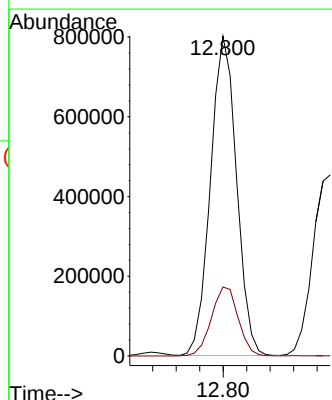
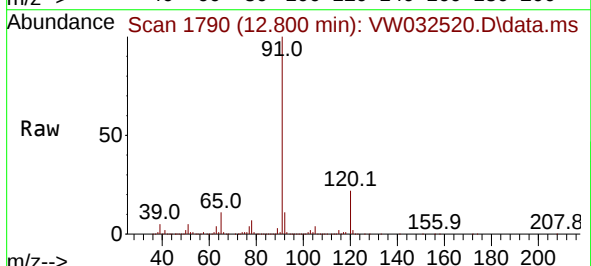
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

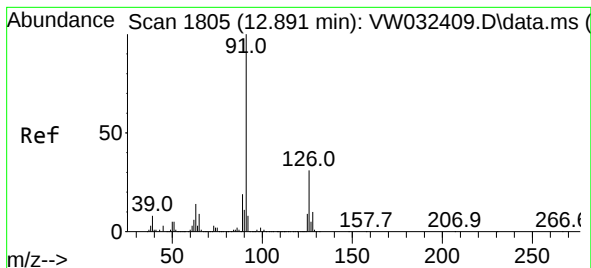
Tgt Ion:156 Resp: 239931
Ion Ratio Lower Upper
156 100
77 223.2 108.0 324.0
158 98.0 45.1 135.5



#78
n-propylbenzene
Concen: 54.328 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 91 Resp: 1233457
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9

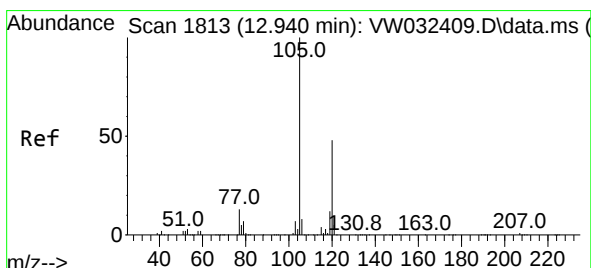
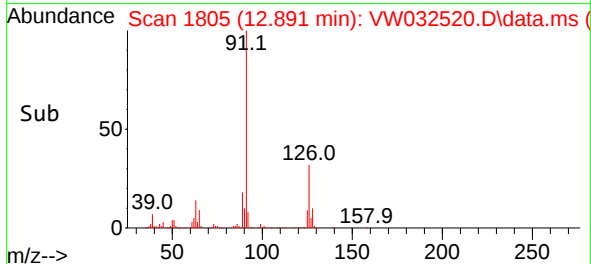
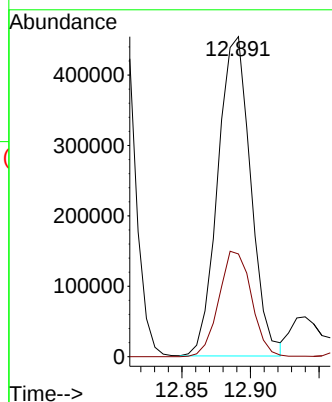
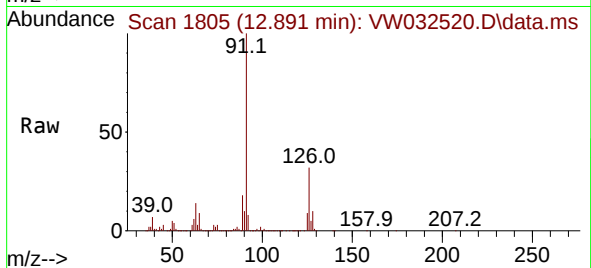




#79
2-Chlorotoluene
Concen: 54.769 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

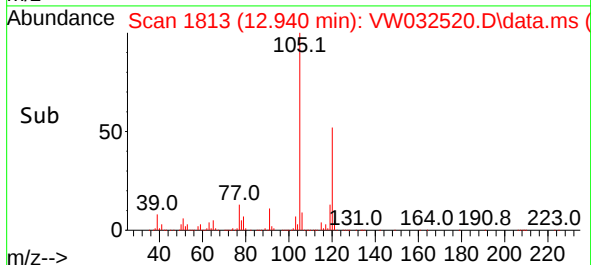
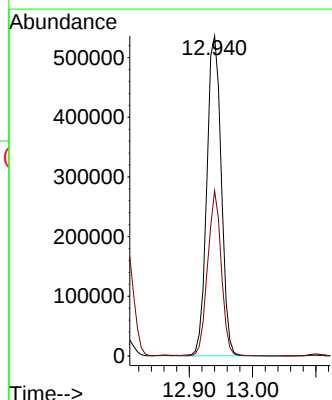
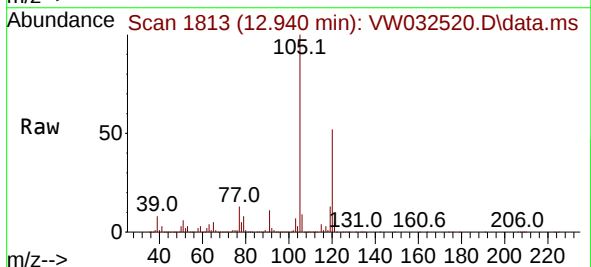
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

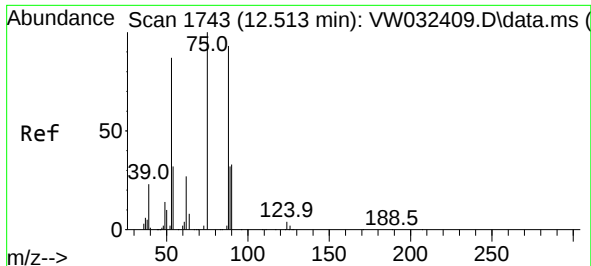
Tgt Ion: 91 Resp: 759079
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 55.353 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 105 Resp: 851361
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

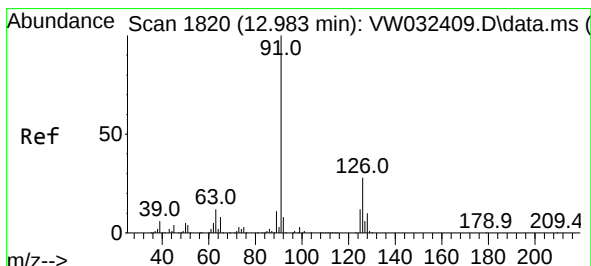
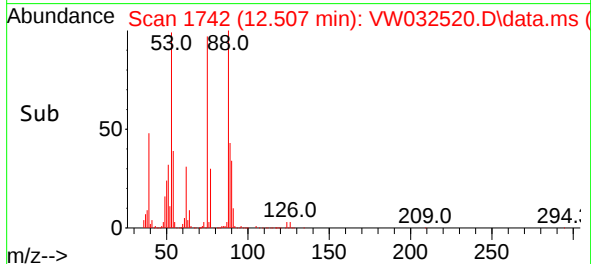
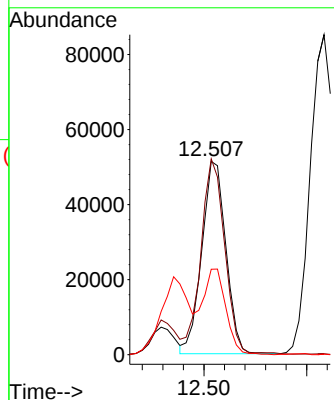
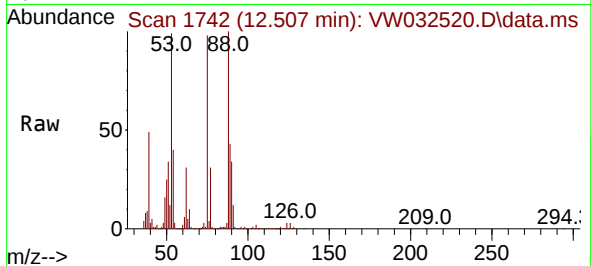




#81
trans-1,4-Dichloro-2-butene
Concen: 54.932 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

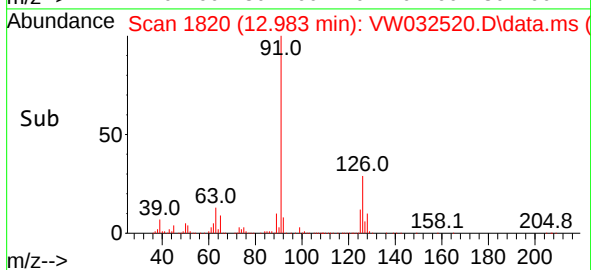
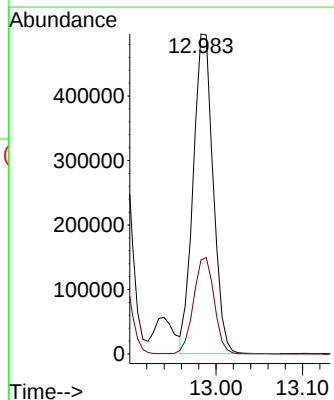
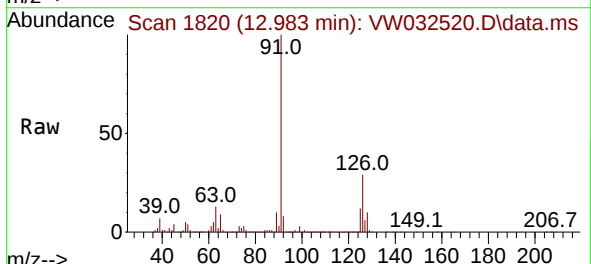
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

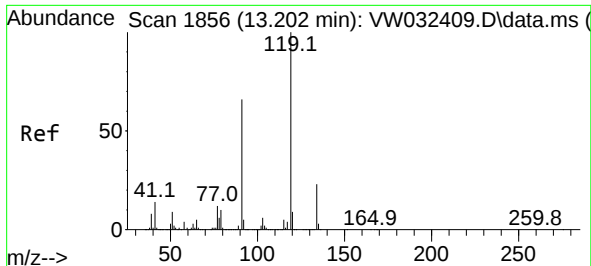
Tgt Ion: 75 Resp: 83477
Ion Ratio Lower Upper
75 100
53 101.0 77.8 116.8
89 43.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.889 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 91 Resp: 791238
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

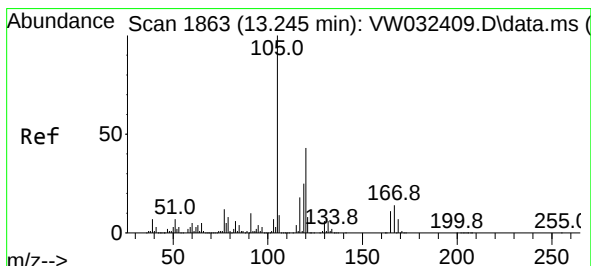
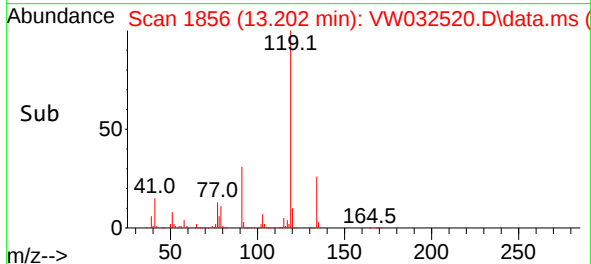
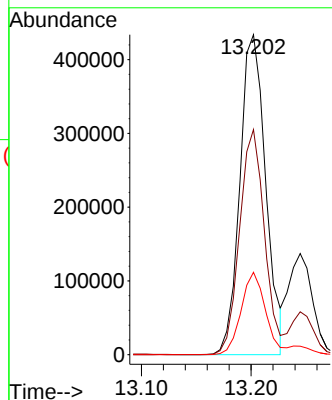
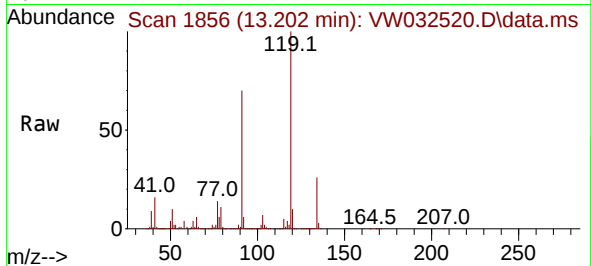




#83
tert-Butylbenzene
Concen: 52.965 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

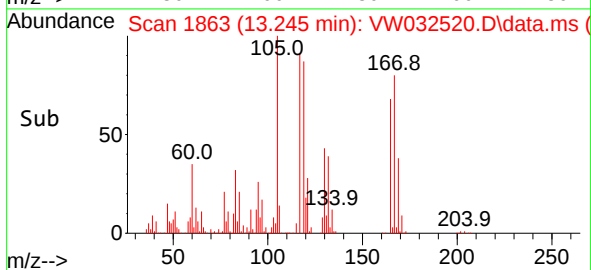
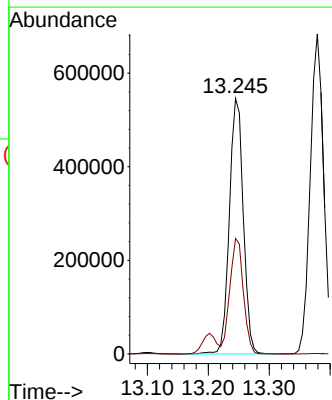
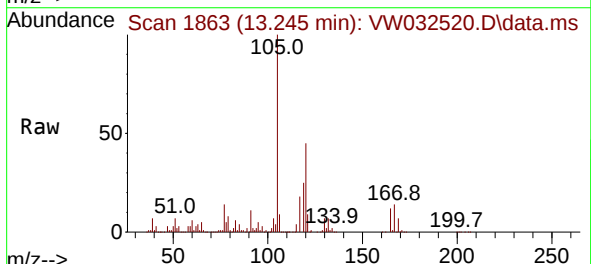
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

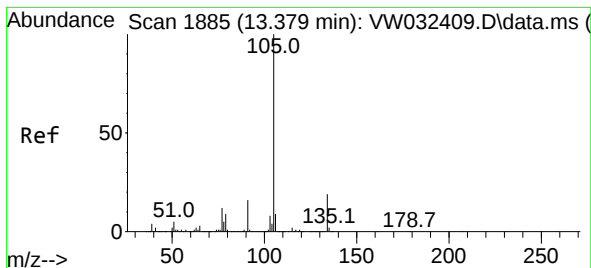
Tgt Ion:119 Resp: 708645
Ion Ratio Lower Upper
119 100
91 67.6 33.3 99.9
134 24.5 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 55.245 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion:105 Resp: 864245
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 52.483 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

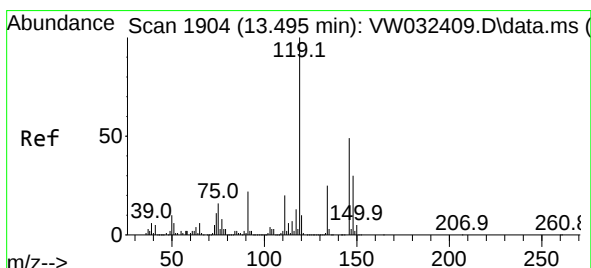
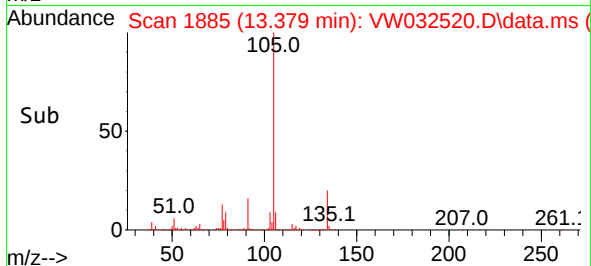
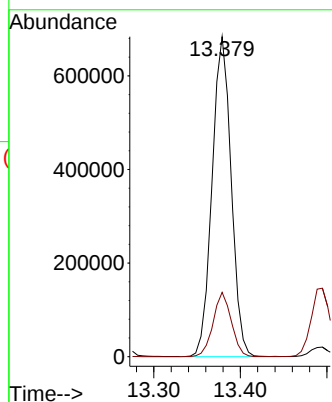
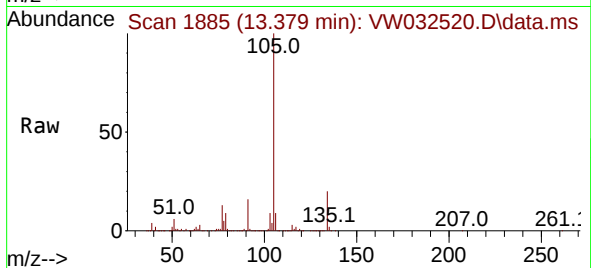
VSTDCCC050

Tgt Ion:105 Resp: 1045793

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.581 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

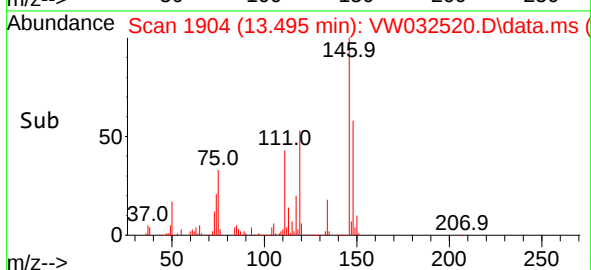
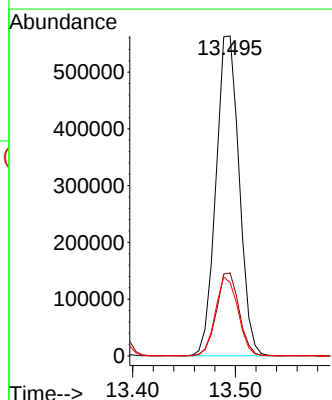
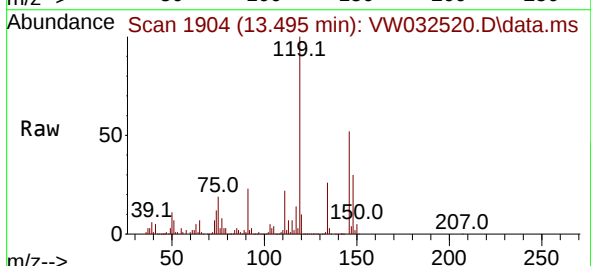
Tgt Ion:119 Resp: 881536

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 55.834 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

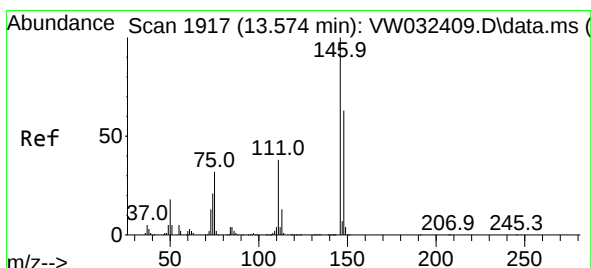
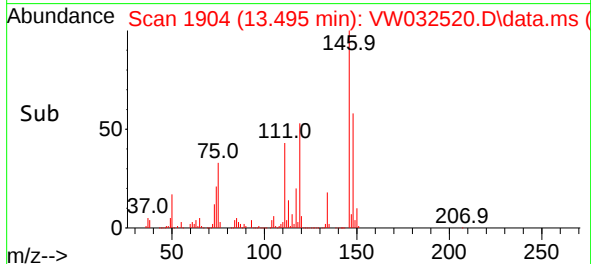
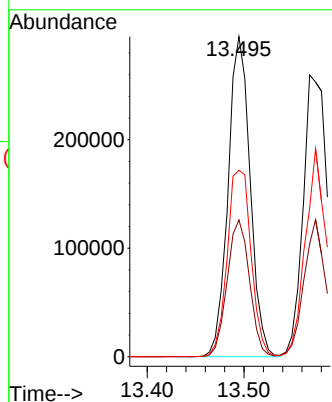
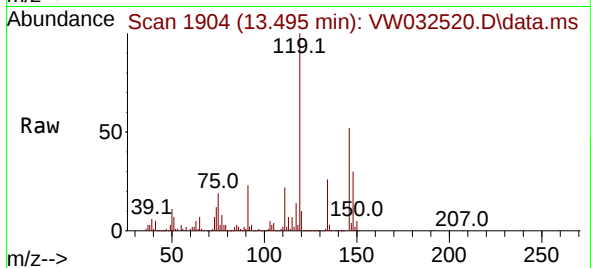
Tgt Ion:146 Resp: 467267

Ion Ratio Lower Upper

146 100

111 43.2 22.2 66.6

148 63.2 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 53.025 ug/l

RT: 13.568 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

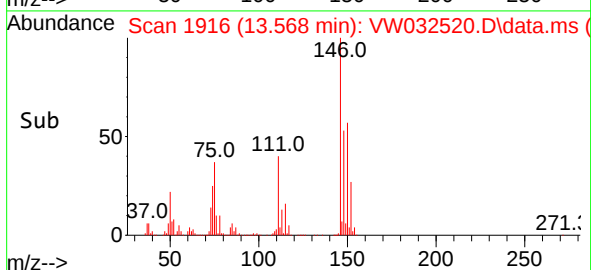
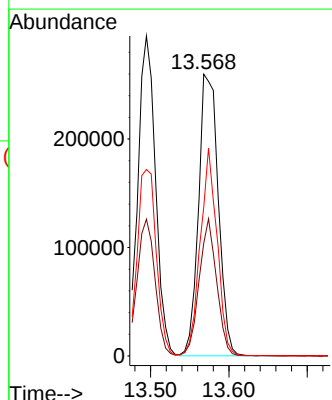
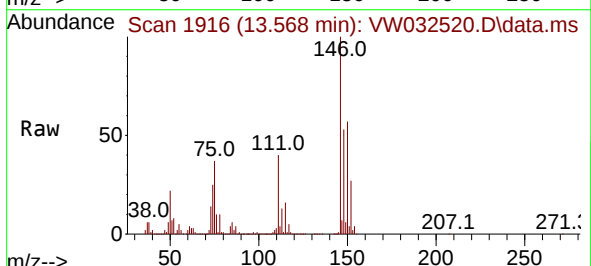
Tgt Ion:146 Resp: 454634

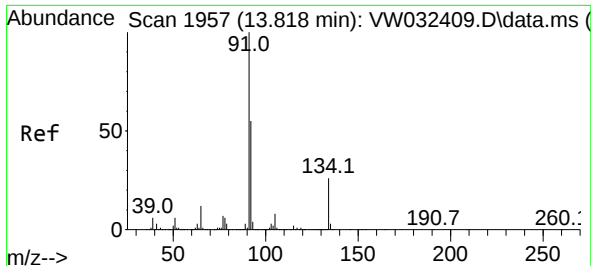
Ion Ratio Lower Upper

146 100

111 43.0 20.5 61.6

148 63.0 31.2 93.6





#89

n-Butylbenzene

Concen: 53.496 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

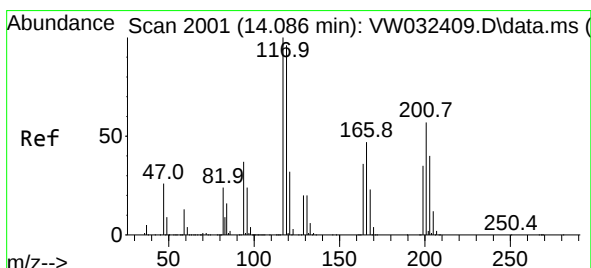
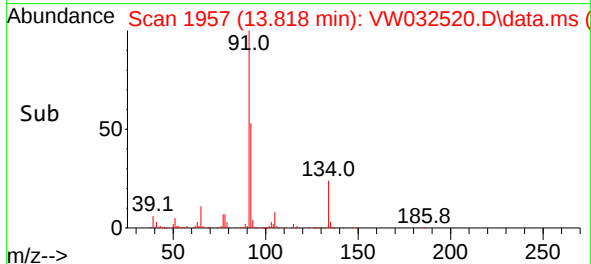
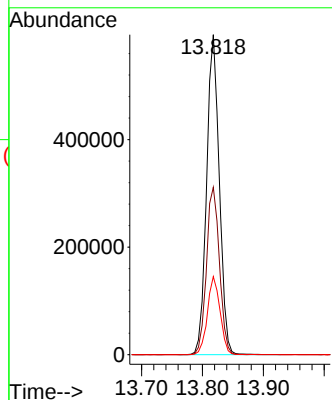
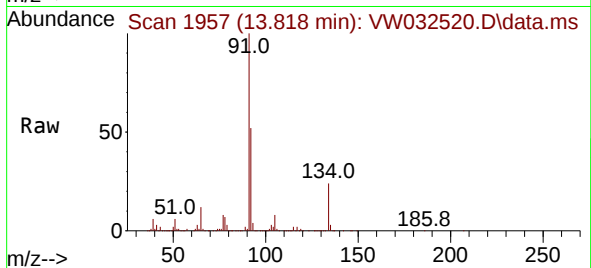
Tgt Ion: 91 Resp: 859874

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.2

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 51.830 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032520.D

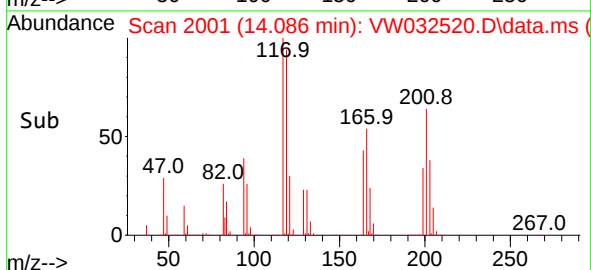
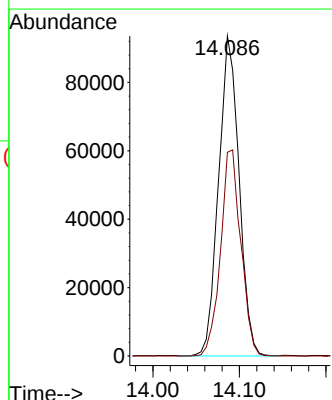
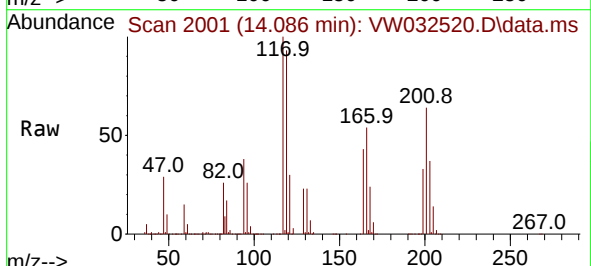
Acq: 21 Nov 2025 10:53

Tgt Ion: 117 Resp: 153745

Ion Ratio Lower Upper

117 100

201 63.9 32.0 96.0

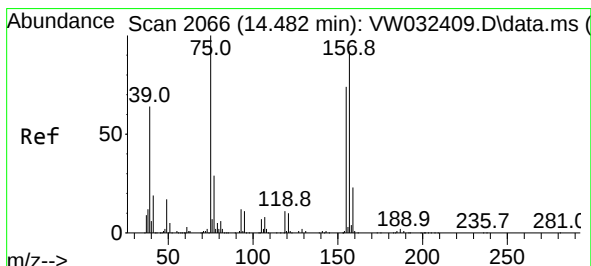
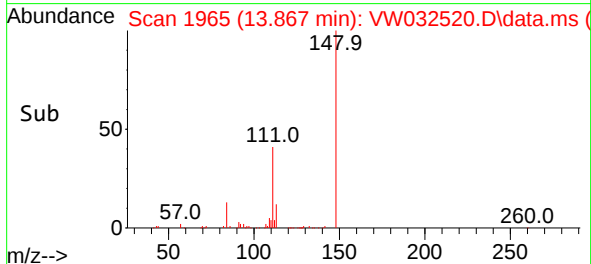
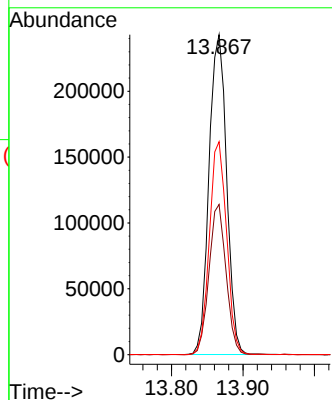
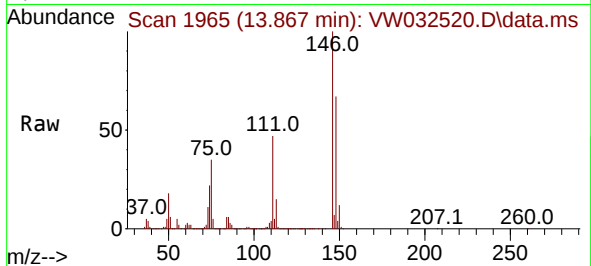




#91
1,2-Dichlorobenzene
Concen: 54.090 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

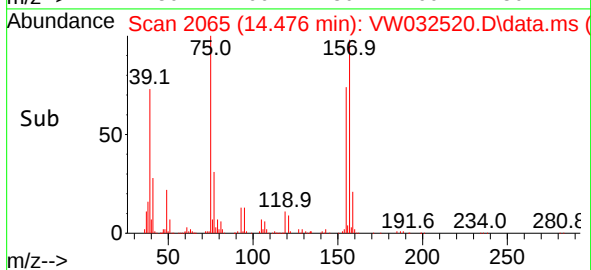
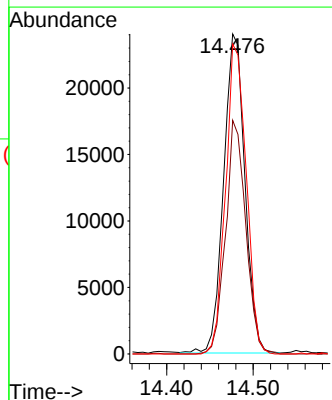
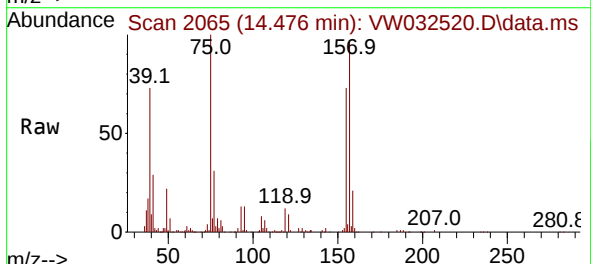
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 415548
Ion Ratio Lower Upper
146 100
111 45.6 23.4 70.2
148 65.1 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.649 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032520.D
Acq: 21 Nov 2025 10:53

Tgt Ion: 75 Resp: 40892
Ion Ratio Lower Upper
75 100
155 69.7 36.2 108.6
157 94.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.150 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

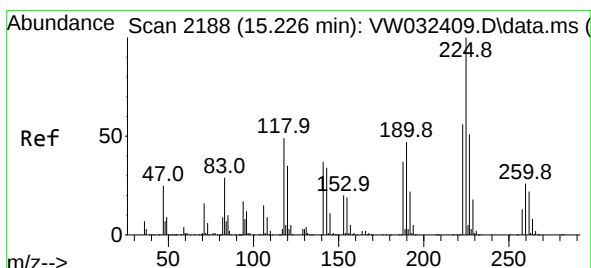
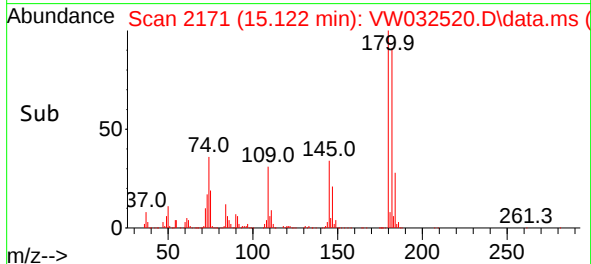
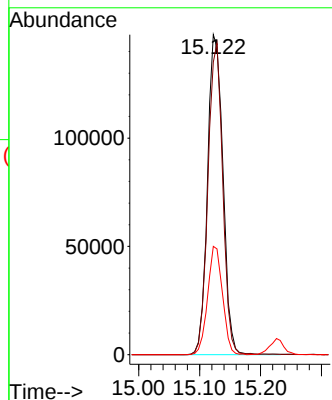
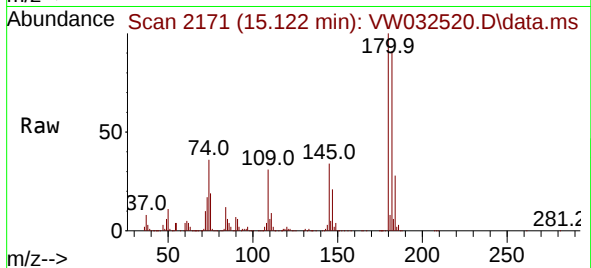
Tgt Ion:180 Resp: 259845

Ion Ratio Lower Upper

180 100

182 93.0 45.3 135.9

145 32.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 55.141 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

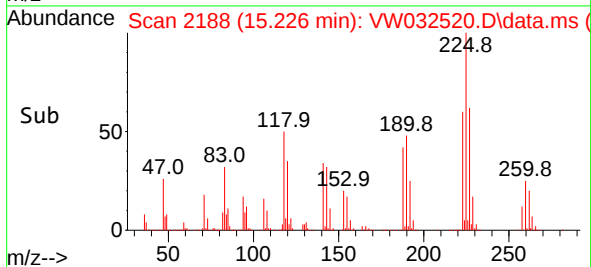
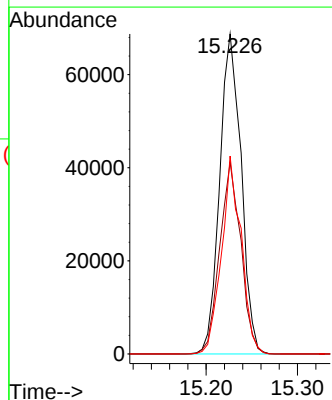
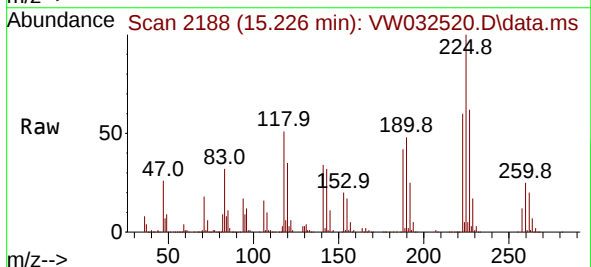
Tgt Ion:225 Resp: 111981

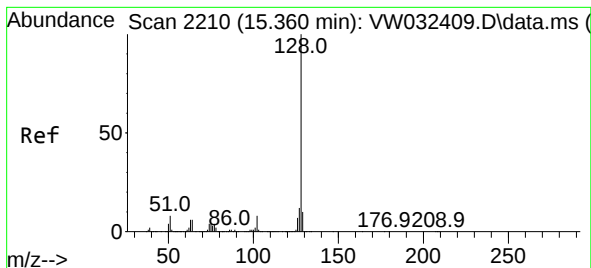
Ion Ratio Lower Upper

225 100

223 59.3 30.6 91.8

227 56.8 29.8 89.4





#95

Naphthalene

Concen: 53.392 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

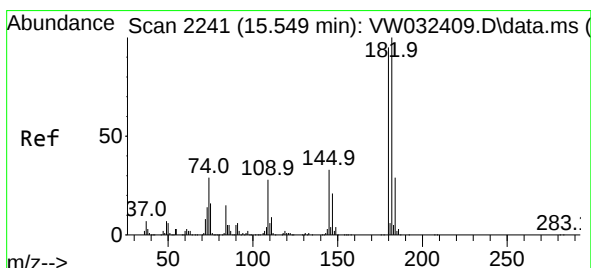
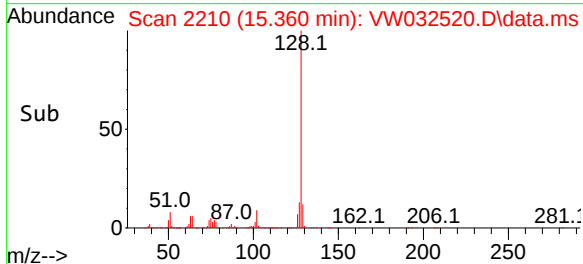
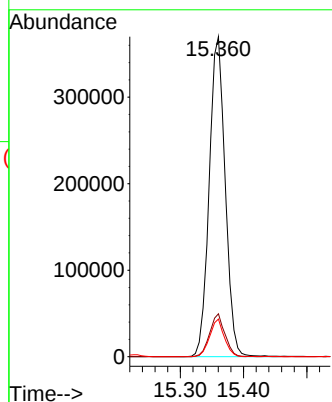
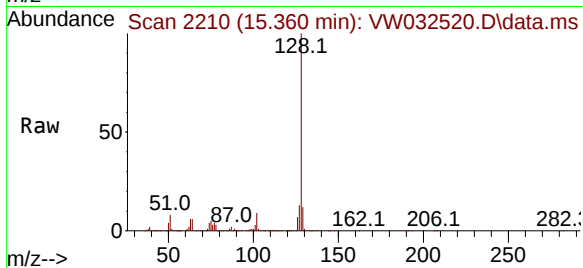
Tgt Ion:128 Resp: 650927

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.961 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032520.D

Acq: 21 Nov 2025 10:53

Tgt Ion:180 Resp: 230631

Ion Ratio Lower Upper

180 100

182 95.2 50.3 151.0

145 35.0 17.8 53.3

