

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032522.D
 Acq On : 21 Nov 2025 13:21
 Operator : SY/MD
 Sample : VW1121SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Quant Time: Nov 26 01:20:00 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	7.953	168	331262	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	649288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	582992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	282304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	234187	54.835	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 109.660%	
35) Dibromofluoromethane	7.898	113	192330	49.475	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.940%	
50) Toluene-d8	10.325	98	752840	50.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.617	95	284925	50.575	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	36367	21.638	ug/l	91
3) Chloromethane	2.253	50	62293	21.623	ug/l	98
4) Vinyl Chloride	2.405	62	77911	21.429	ug/l	100
5) Bromomethane	2.814	94	52873	21.740	ug/l	97
6) Chloroethane	2.966	64	49518	20.817	ug/l	98
7) Trichlorofluoromethane	3.308	101	48966	17.178	ug/l	99
8) Diethyl Ether	3.722	74	48912	20.987	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	66943	21.559	ug/l	98
10) Methyl Iodide	4.301	142	99746	19.944	ug/l	98
11) Tert butyl alcohol	5.210	59	42213	114.308	ug/l #	92
12) 1,1-Dichloroethene	4.070	96	74995	21.063	ug/l	96
13) Acrolein	3.930	56	51007	82.322	ug/l	100
14) Allyl chloride	4.698	41	140937	20.583	ug/l	99
15) Acrylonitrile	5.399	53	144848	107.495	ug/l	99
16) Acetone	4.155	43	145745	114.068	ug/l	97
17) Carbon Disulfide	4.417	76	211316	20.080	ug/l	97
18) Methyl Acetate	4.710	43	69327	21.911	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	152210	20.280	ug/l	94
20) Methylene Chloride	4.948	84	105780	23.150	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	87560	21.507	ug/l	98
22) Diisopropyl ether	6.338	45	304005	21.806	ug/l	97
23) Vinyl Acetate	6.277	43	987625	103.400	ug/l	97
24) 1,1-Dichloroethane	6.240	63	172900	22.637	ug/l	100
25) 2-Butanone	7.191	43	204089	108.421	ug/l	97
26) 2,2-Dichloropropane	7.185	77	87464	20.547	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	104263	21.432	ug/l	98
28) Bromochloromethane	7.526	49	83383	23.097	ug/l	96
29) Tetrahydrofuran	7.551	42	128792	107.797	ug/l	98
30) Chloroform	7.691	83	171050	22.876	ug/l	99
31) Cyclohexane	7.965	56	145750	20.629	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	116622	21.833	ug/l	95
36) 1,1-Dichloropropene	8.093	75	118594	20.705	ug/l	99
37) Ethyl Acetate	7.270	43	85960	20.182	ug/l	98
38) Carbon Tetrachloride	8.075	117	103030	20.244	ug/l	99
39) Methylcyclohexane	9.337	83	138055	18.606	ug/l	92
40) Benzene	8.337	78	378538	20.522	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	46836	20.018	ug/l	97
42) 1,2-Dichloroethane	8.410	62	115683	21.352	ug/l	100
43) Isopropyl Acetate	8.435	43	144396	19.147	ug/l	99
44) Trichloroethene	9.105	130	86206	20.085	ug/l	85
45) 1,2-Dichloropropane	9.374	63	98626	21.473	ug/l	98
46) Dibromomethane	9.465	93	56787	21.158	ug/l	97
47) Bromodichloromethane	9.648	83	125974	20.576	ug/l	97
48) Methyl methacrylate	9.441	41	65784	18.356	ug/l	94
49) 1,4-Dioxane	9.459	88	15819	420.730	ug/l #	94
51) 4-Methyl-2-Pentanone	10.209	43	432798	103.809	ug/l	97
52) Toluene	10.386	92	236574	20.764	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	118986	18.871	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	142953	19.605	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	78464	21.310	ug/l	96
56) Ethyl methacrylate	10.648	69	106811	18.907	ug/l	100
57) 1,3-Dichloropropane	10.934	76	135216	20.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	318055	105.717	ug/l	98
59) 2-Hexanone	10.971	43	305442	100.134	ug/l	97
60) Dibromochloromethane	11.129	129	83238	20.244	ug/l	98
61) 1,2-Dibromoethane	11.233	107	71546	19.951	ug/l	96
64) Tetrachloroethene	10.861	164	69045	19.999	ug/l #	81
65) Chlorobenzene	11.654	112	256514	20.414	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	79084	20.336	ug/l	99
67) Ethyl Benzene	11.727	91	433875	19.956	ug/l	97
68) m/p-Xylenes	11.837	106	340570	41.720	ug/l	99
69) o-Xylene	12.166	106	157194	20.111	ug/l	96
70) Styrene	12.178	104	279689	20.801	ug/l	97
71) Bromoform	12.349	173	41614	18.067	ug/l #	100
73) Isopropylbenzene	12.458	105	390667	18.842	ug/l	99
74) N-amyl acetate	12.270	43	133372	18.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	100986	20.523	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	122407	31.623	ug/l #	1
77) Bromobenzene	12.745	156	93397	19.026	ug/l	94
78) n-propylbenzene	12.800	91	497124	19.689	ug/l	100
79) 2-Chlorotoluene	12.891	91	307140	19.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	336876	19.695	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	29806	17.637	ug/l	86
82) 4-Chlorotoluene	12.983	91	324792	20.260	ug/l	98
83) tert-Butylbenzene	13.202	119	277264	18.634	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	344326	19.791	ug/l	99
85) sec-Butylbenzene	13.379	105	419769	18.942	ug/l	99
86) p-Isopropyltoluene	13.495	119	348101	19.025	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	191934	20.622	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	192270	20.164	ug/l	96
89) n-Butylbenzene	13.818	91	351431	19.660	ug/l	98
90) Hexachloroethane	14.086	117	64187	19.457	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	172438	20.183	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	16864	19.895	ug/l	92
93) 1,2,4-Trichlorobenzene	15.123	180	105983	19.493	ug/l	99
94) Hexachlorobutadiene	15.226	225	45336	20.073	ug/l	98
95) Naphthalene	15.360	128	242022	17.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	93806	19.004	ug/l	94

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

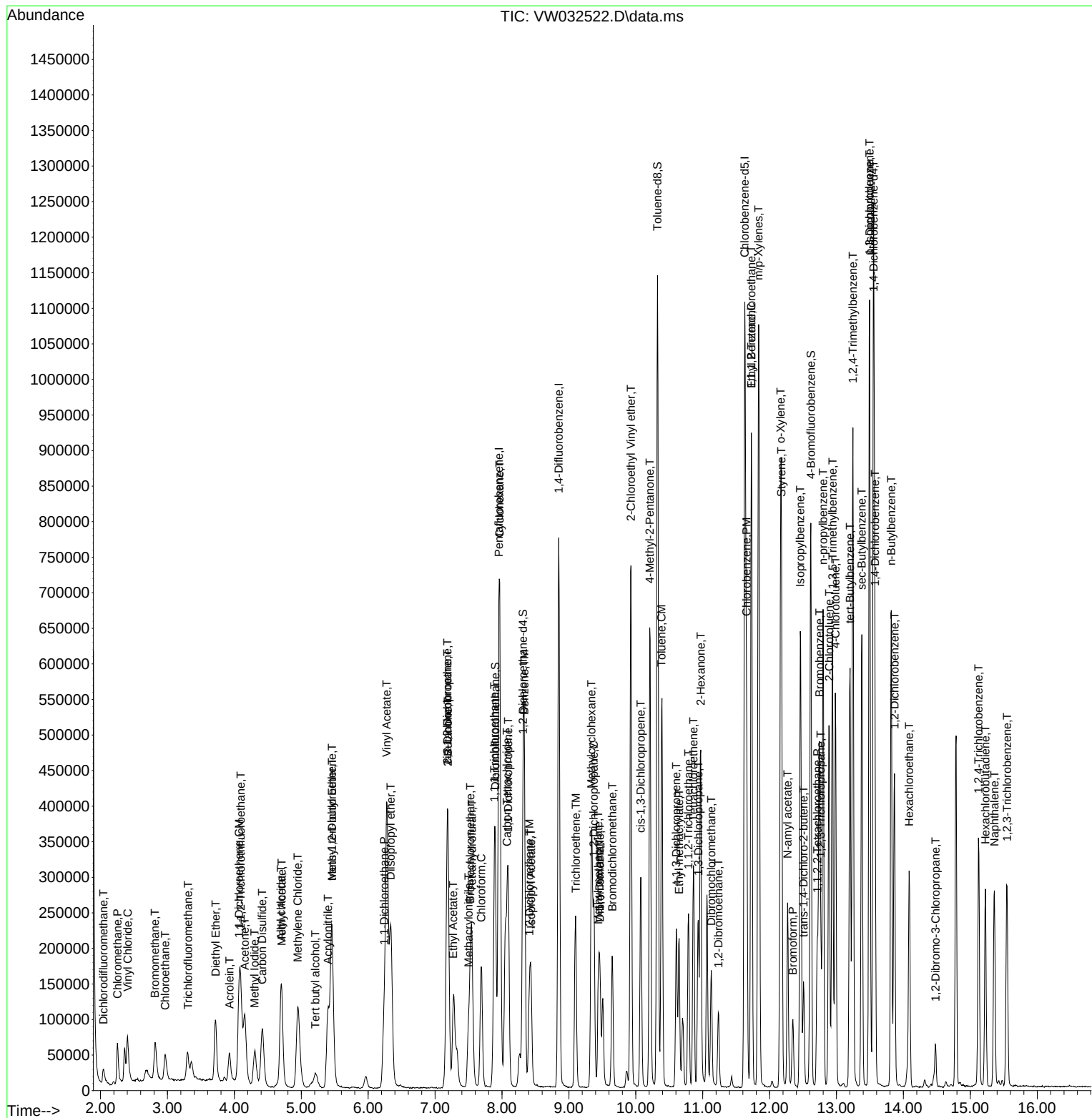
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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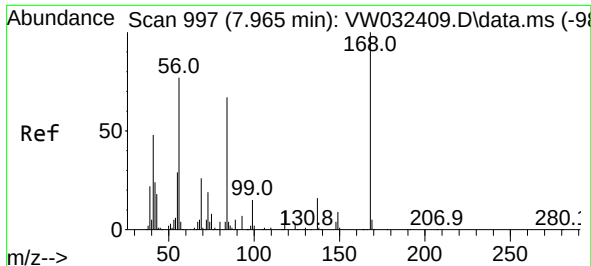
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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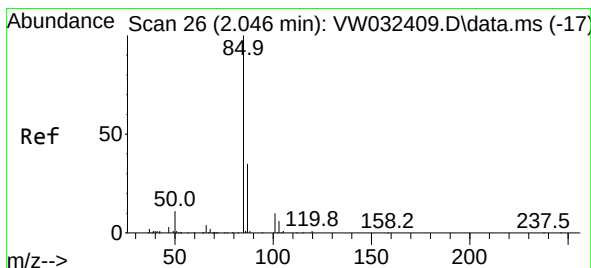
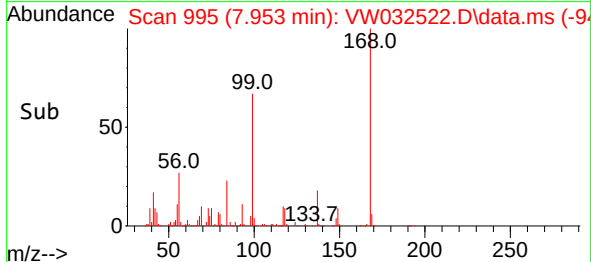
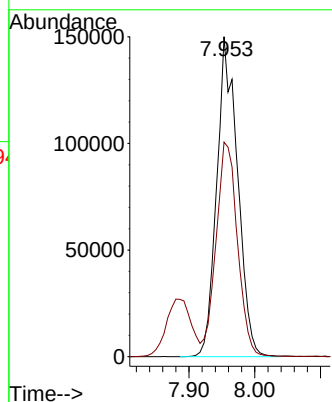
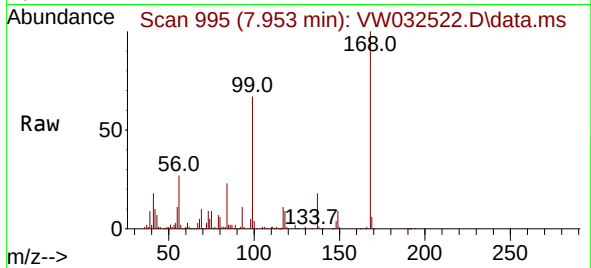




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW032522.D
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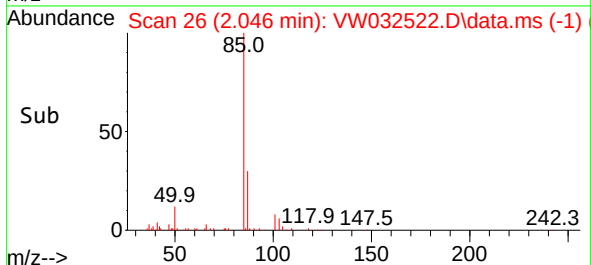
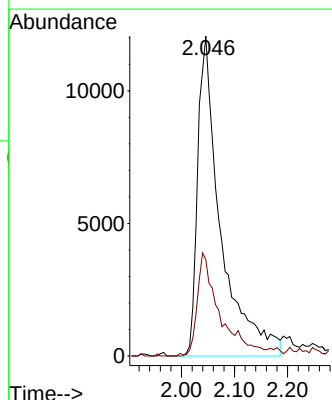
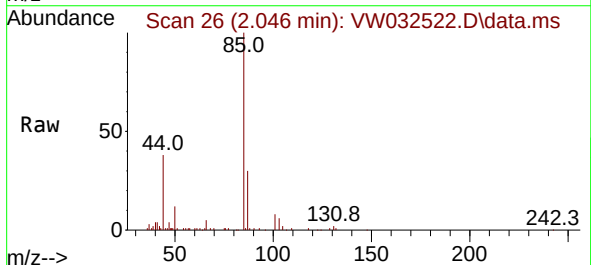
Instrument :
MSVOA_W
ClientSampleId :
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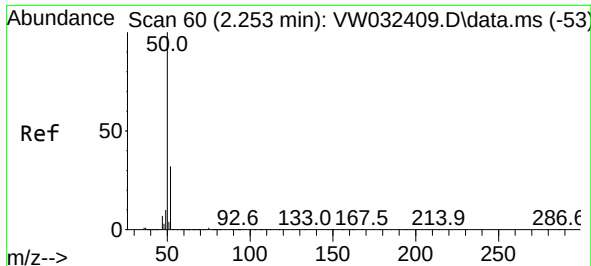
Tgt Ion:168 Resp: 331262
Ion Ratio Lower Upper
168 100
99 66.9 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 21.638 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 85 Resp: 36367
Ion Ratio Lower Upper
85 100
87 29.4 17.4 52.2

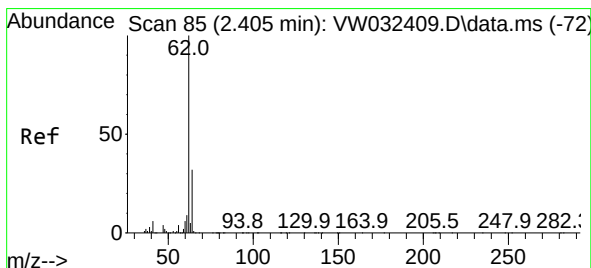
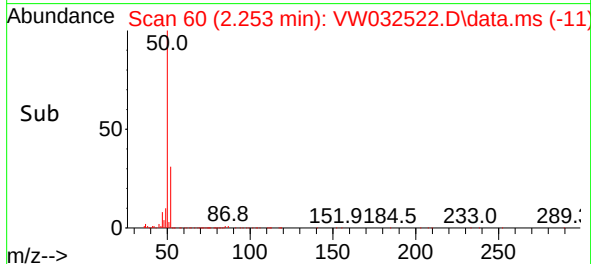
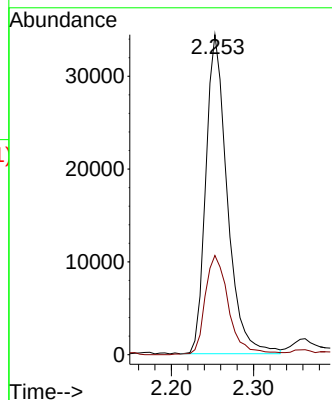
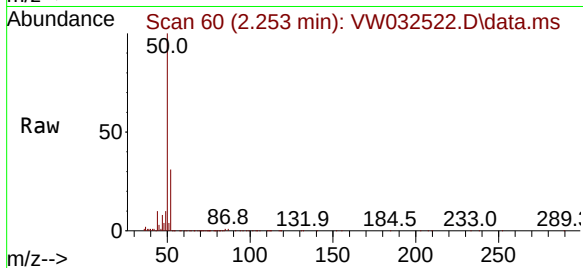




#3
Chloromethane
Concen: 21.623 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

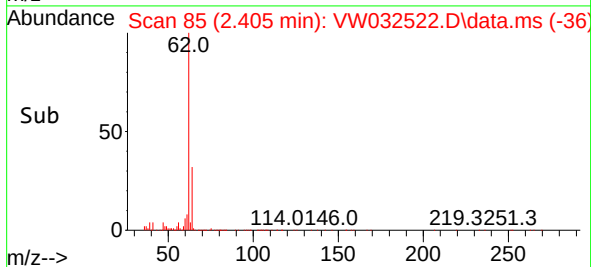
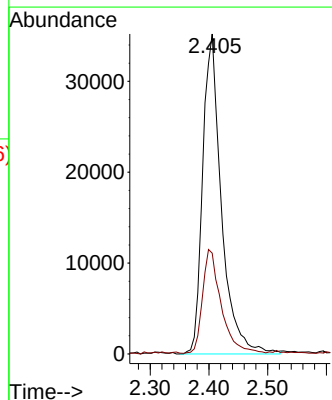
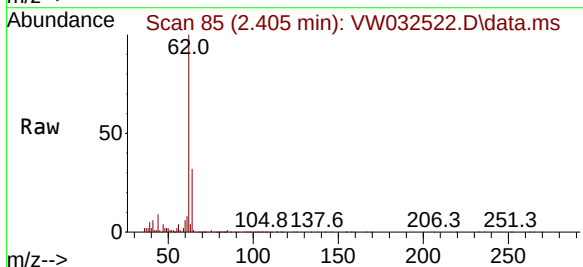
Instrument :
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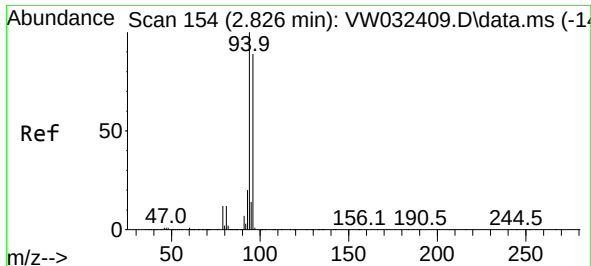
Tgt Ion: 50 Resp: 62293
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3



#4
Vinyl Chloride
Concen: 21.429 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 62 Resp: 77911
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8

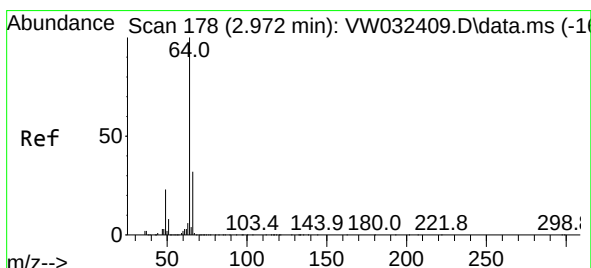
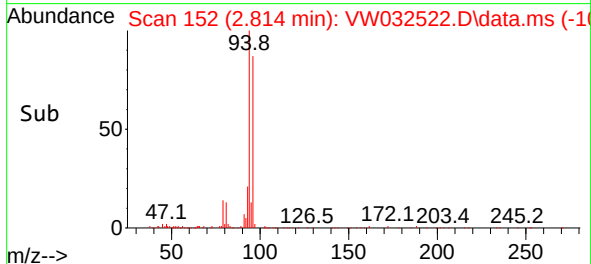
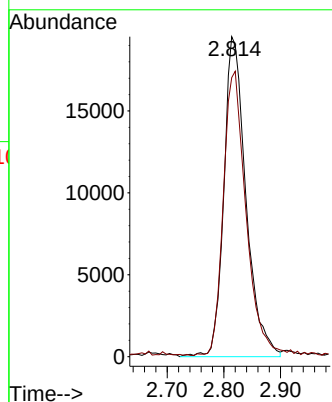
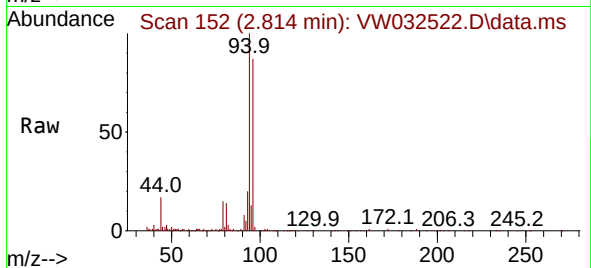




#5
Bromomethane
Concen: 21.740 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032522.D
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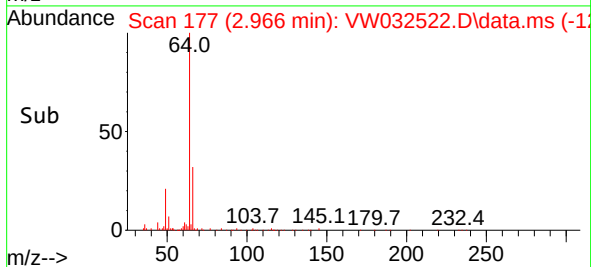
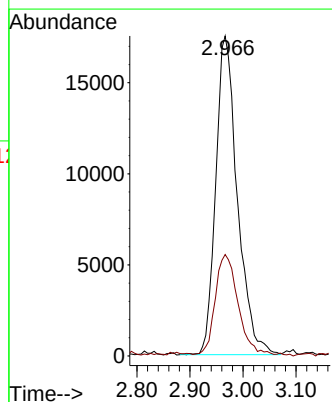
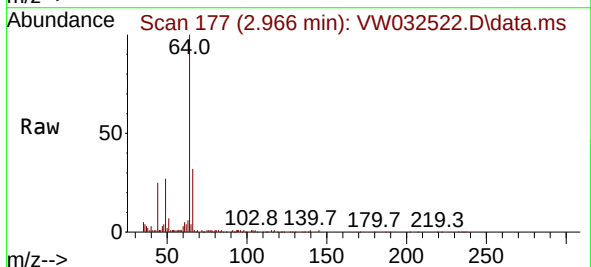
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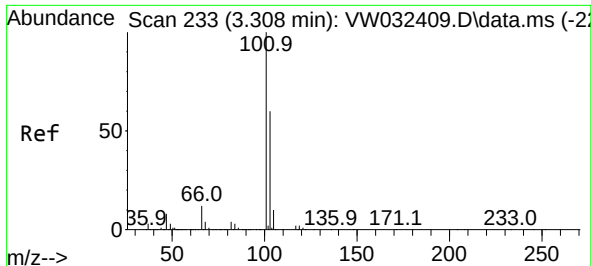
Tgt Ion: 94 Resp: 52873
Ion Ratio Lower Upper
94 100
96 86.5 71.4 107.2



#6
Chloroethane
Concen: 20.817 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 64 Resp: 49518
Ion Ratio Lower Upper
64 100
66 31.1 25.6 38.4

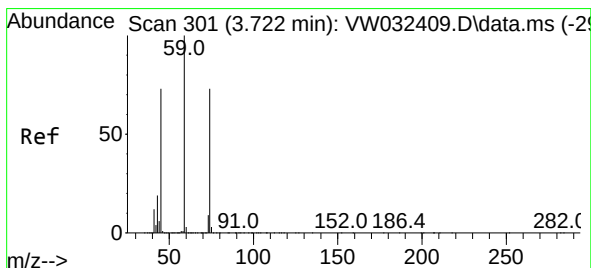
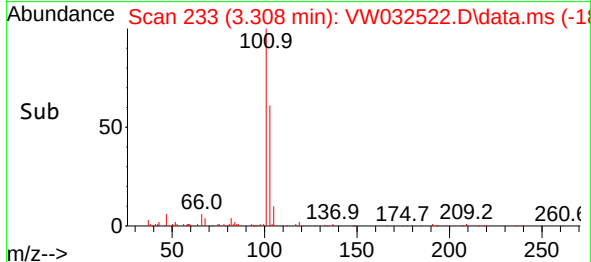
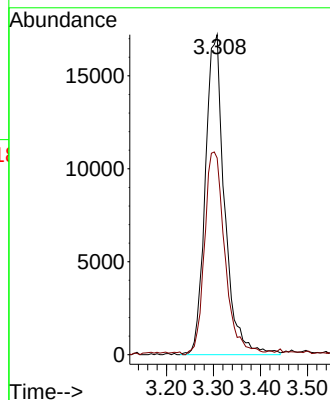
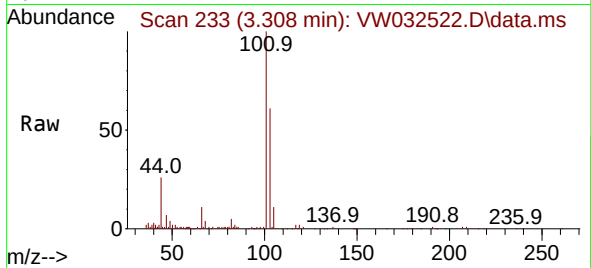




#7
 Trichlorofluoromethane
 Concen: 17.178 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

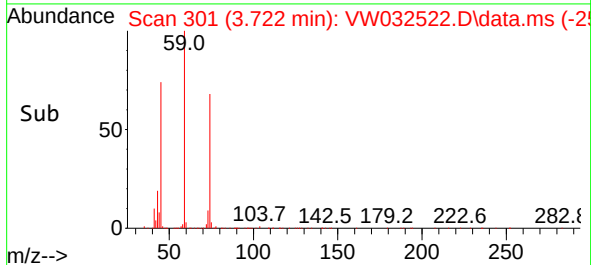
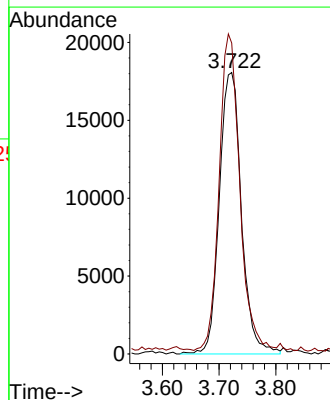
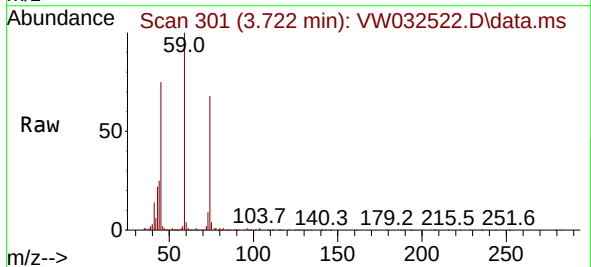
Instrument :
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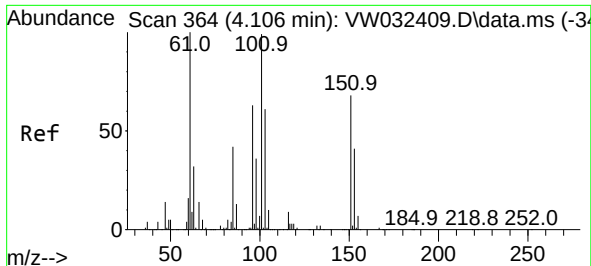
Tgt Ion:101 Resp: 48966
 Ion Ratio Lower Upper
 101 100
 103 60.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.987 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 48912
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.8 155.4

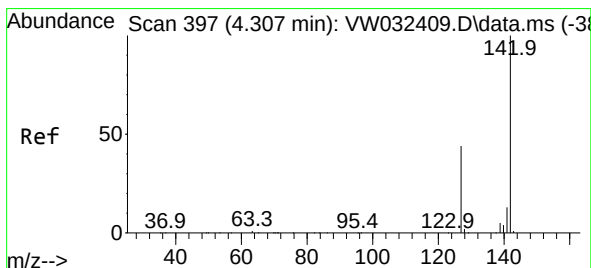
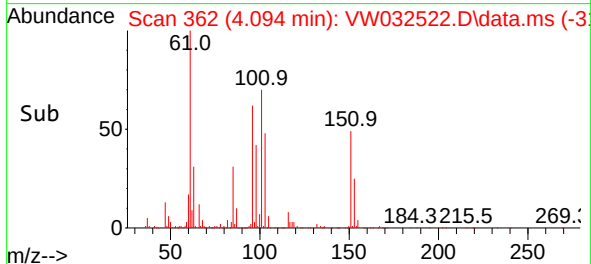
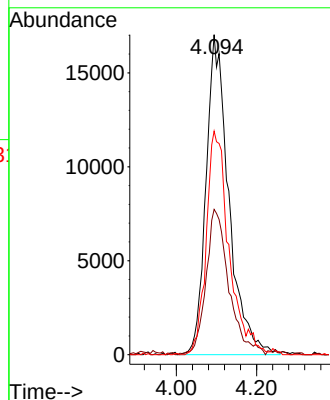
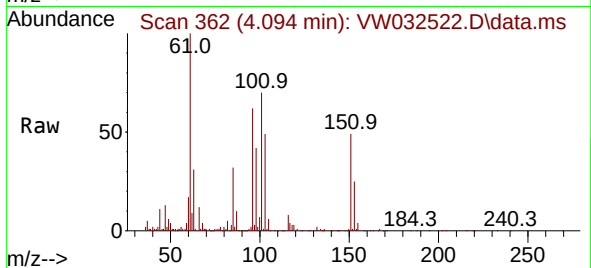




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.559 ug/l
 RT: 4.094 min Scan# 362
 Delta R.T. -0.012 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

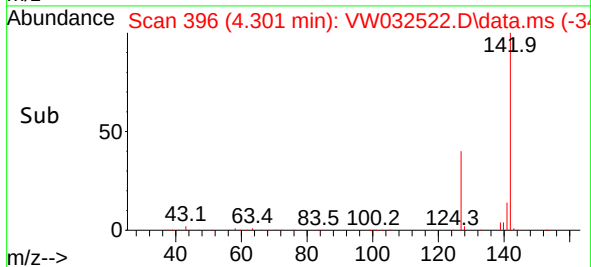
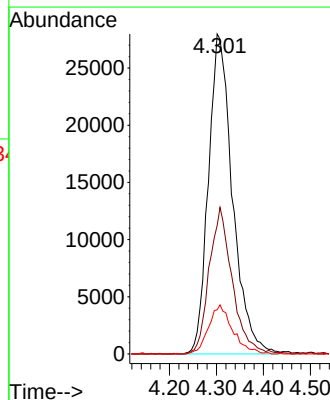
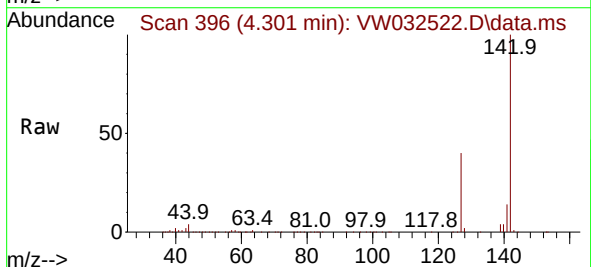
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

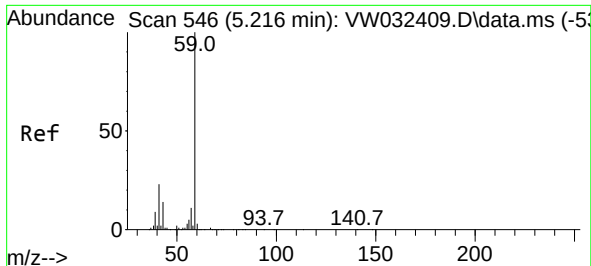
Tgt Ion:101 Resp: 66943
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.1 51.1
 151 69.9 56.4 84.6



#10
 Methyl Iodide
 Concen: 19.944 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

Tgt Ion:142 Resp: 99746
 Ion Ratio Lower Upper
 142 100
 127 43.8 34.2 51.2
 141 15.3 11.8 17.8

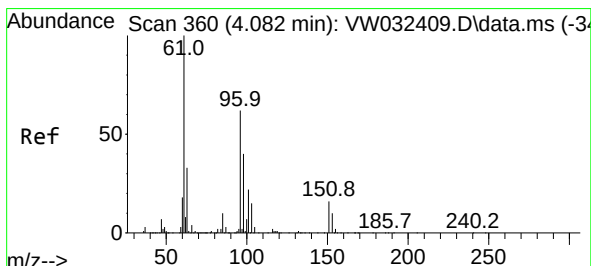
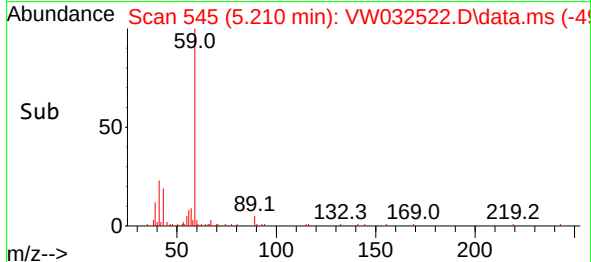
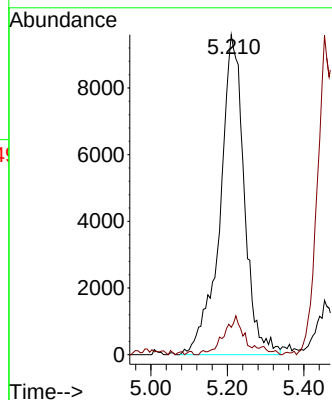
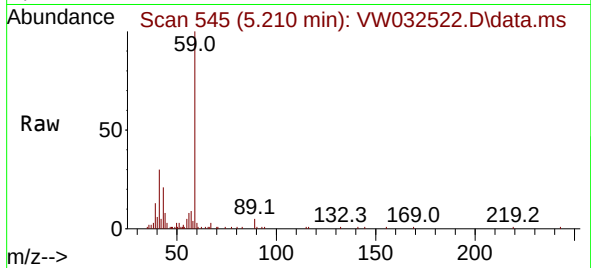




#11
Tert butyl alcohol
Concen: 114.308 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

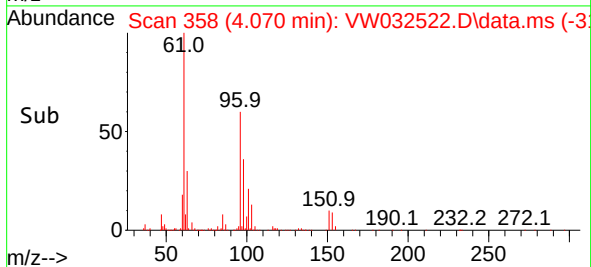
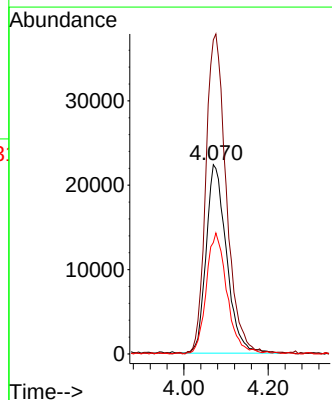
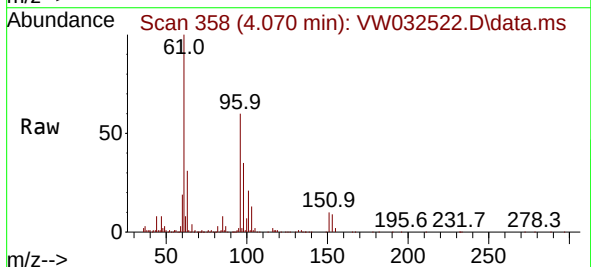
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

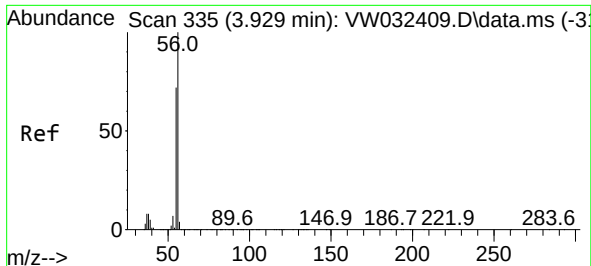
Tgt Ion: 59 Resp: 42213
Ion Ratio Lower Upper
59 100
57 7.8 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 21.063 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 96 Resp: 74995
Ion Ratio Lower Upper
96 100
61 165.8 129.0 193.6
98 58.7 51.1 76.7

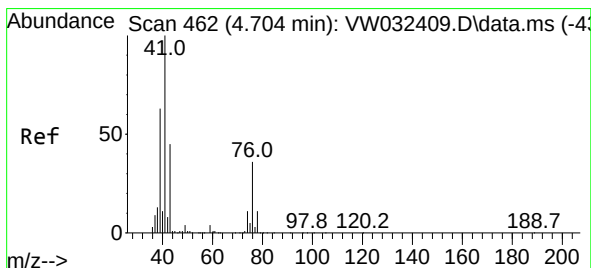
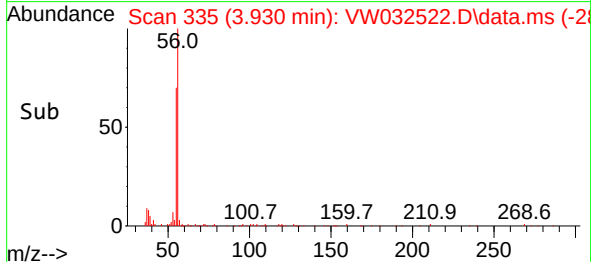
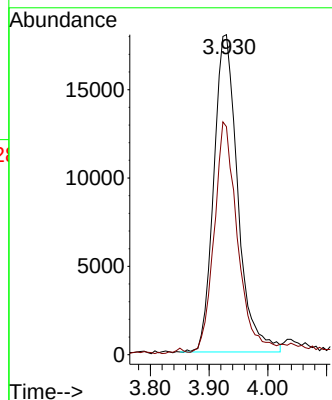
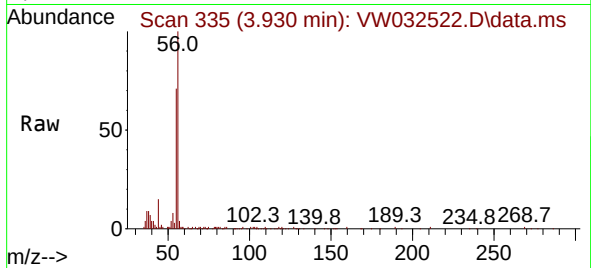




#13
Acrolein
Concen: 82.322 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

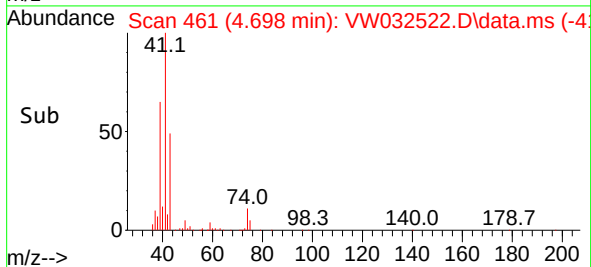
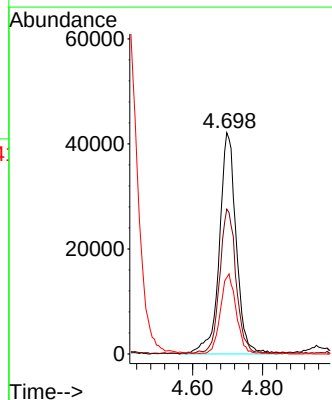
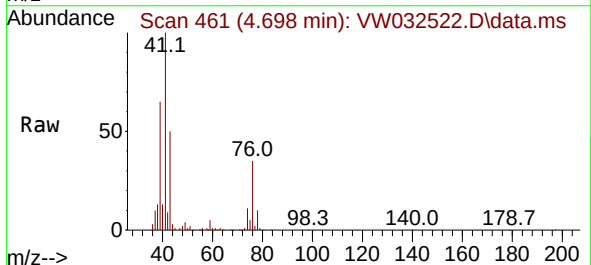
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

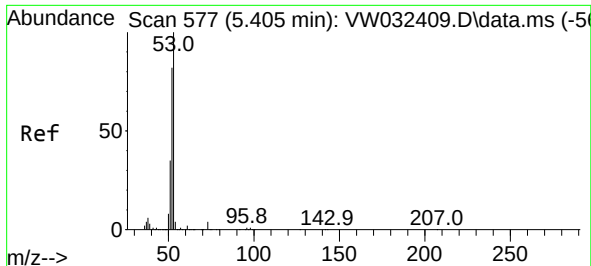
Tgt Ion: 56 Resp: 51007
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5



#14
Allyl chloride
Concen: 20.583 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 41 Resp: 140937
Ion Ratio Lower Upper
41 100
39 62.3 50.2 75.2
76 34.2 27.0 40.6

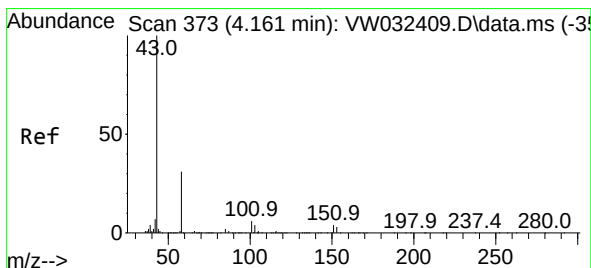
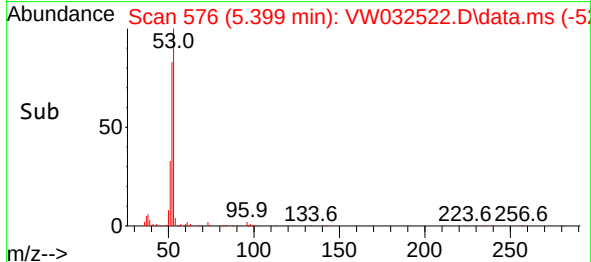
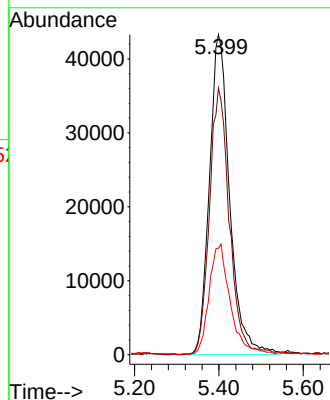
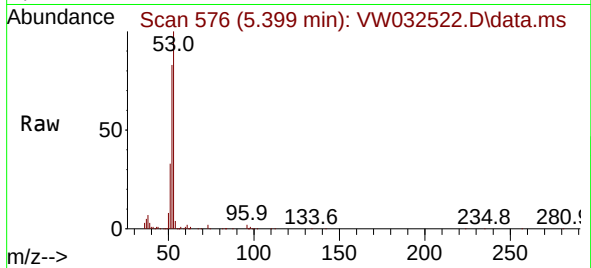




#15
Acrylonitrile
Concen: 107.495 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

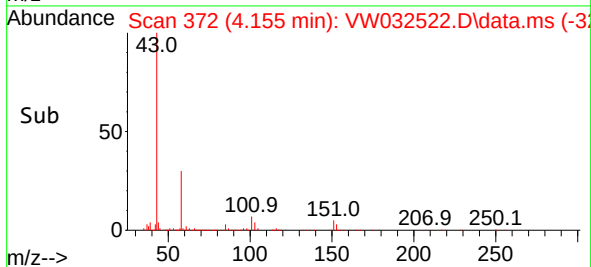
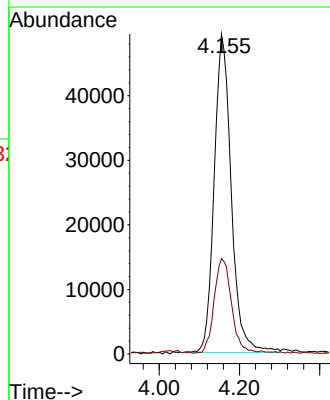
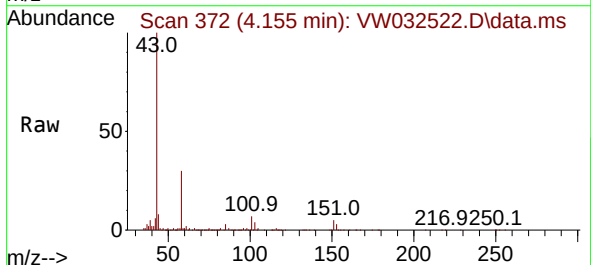
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

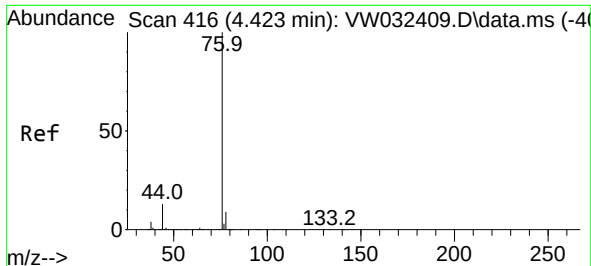
Tgt Ion: 53 Resp: 144848
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.6 28.6 43.0



#16
Acetone
Concen: 114.068 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 43 Resp: 145745
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2

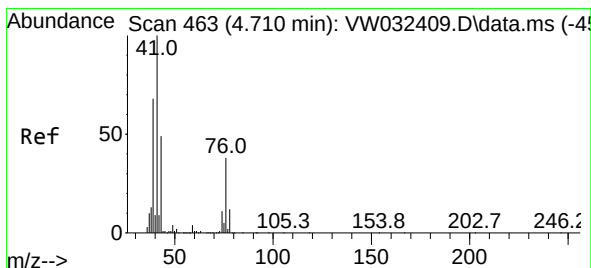
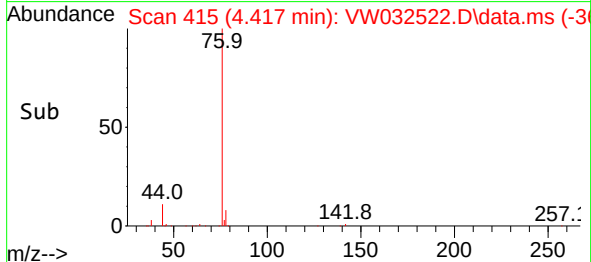
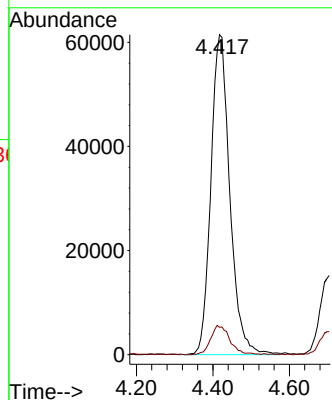
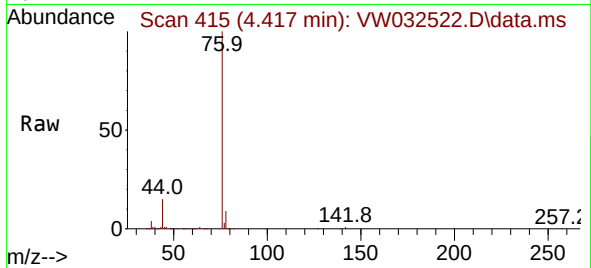




#17
Carbon Disulfide
Concen: 20.080 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

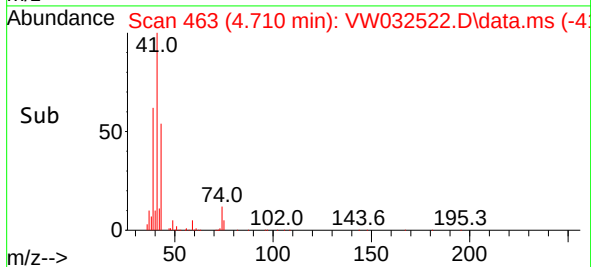
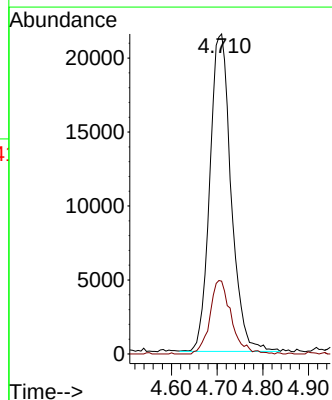
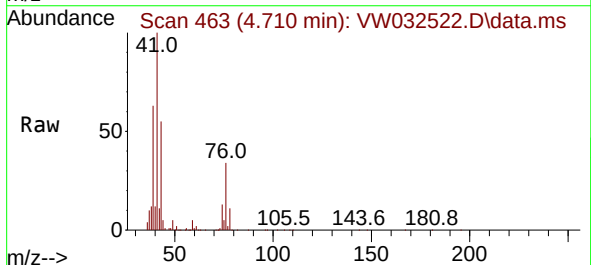
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

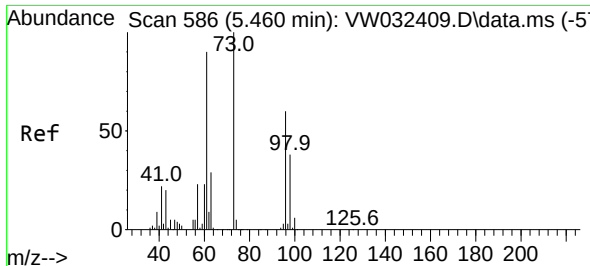
Tgt Ion: 76 Resp: 211316
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 21.911 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 43 Resp: 69327
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.280 ug/l

RT: 5.460 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

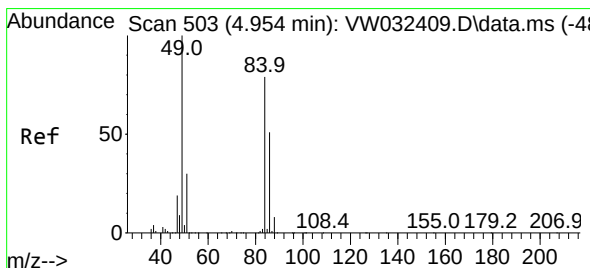
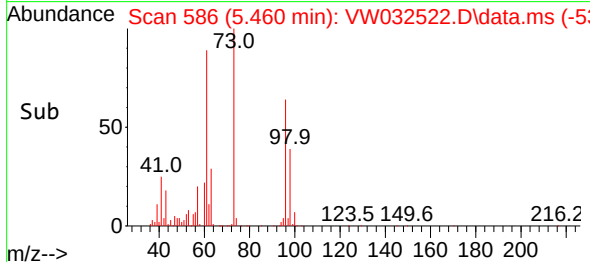
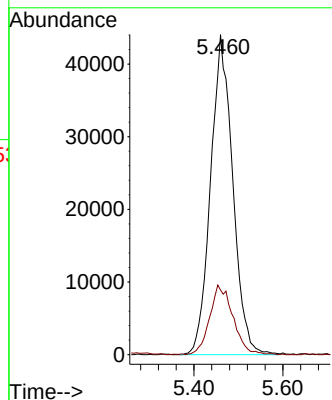
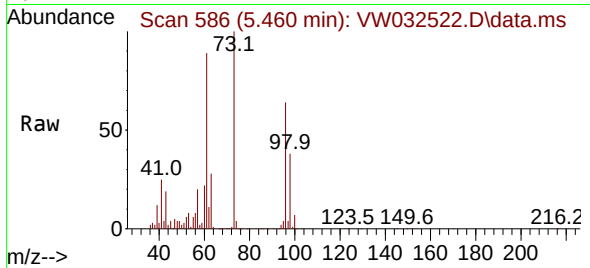
VW1121SBS01

Tgt Ion: 73 Resp: 152210

Ion Ratio Lower Upper

73 100

57 20.1 18.3 27.5



#20

Methylene Chloride

Concen: 23.150 ug/l

RT: 4.948 min Scan# 502

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Tgt Ion: 84 Resp: 105780

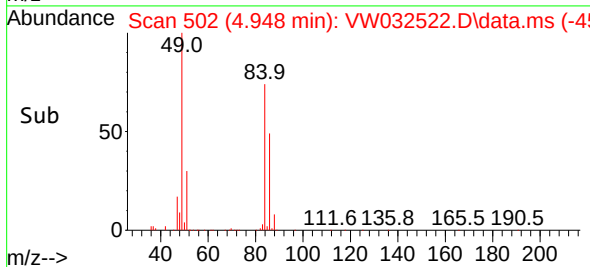
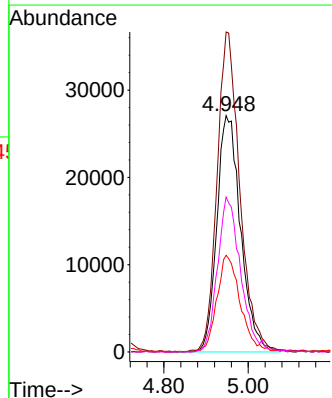
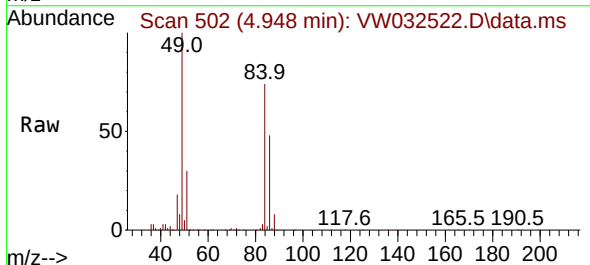
Ion Ratio Lower Upper

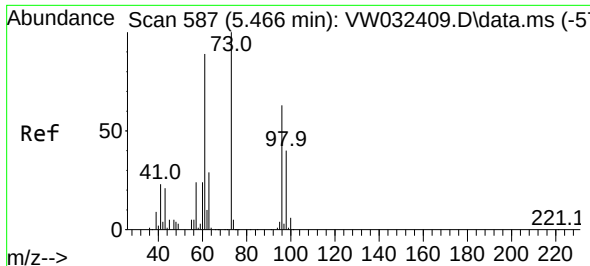
84 100

49 135.1 101.5 152.3

51 40.7 30.6 46.0

86 65.3 51.9 77.9

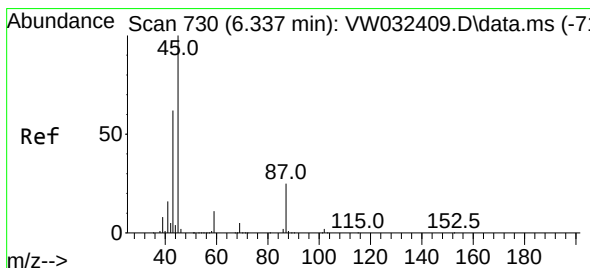
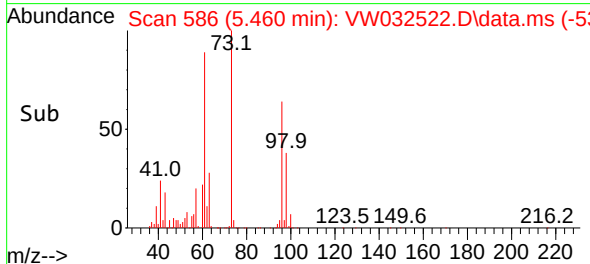
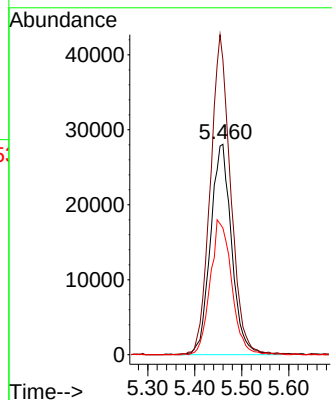
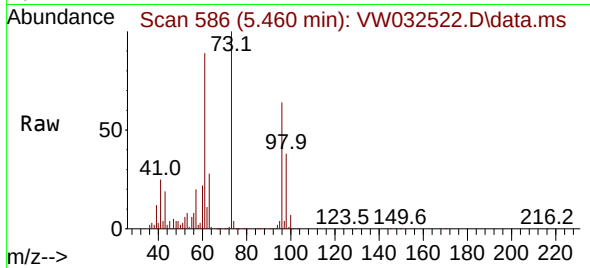




#21
trans-1,2-Dichloroethene
Concen: 21.507 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

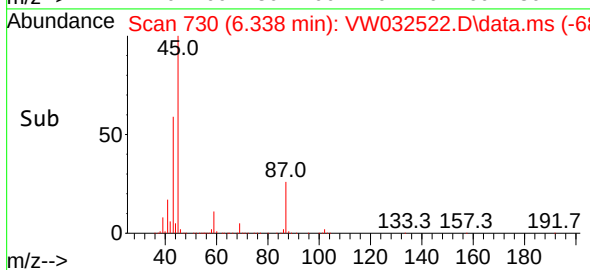
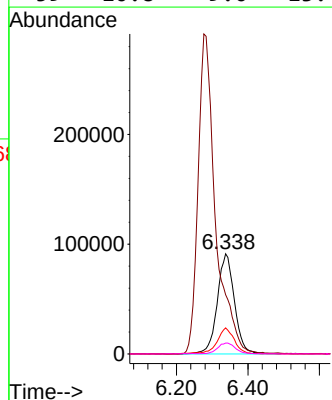
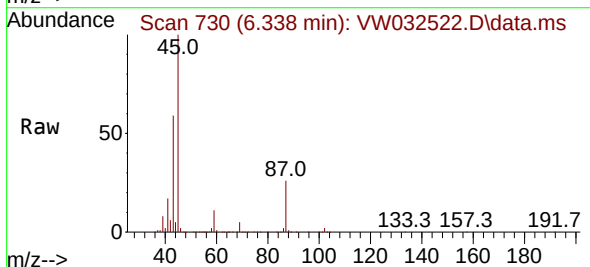
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

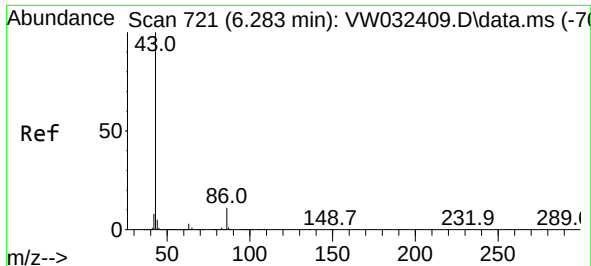
Tgt Ion: 96 Resp: 87560
Ion Ratio Lower Upper
96 100
61 139.6 112.5 168.7
98 60.2 51.1 76.7



#22
Diisopropyl ether
Concen: 21.806 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 45 Resp: 304005
Ion Ratio Lower Upper
45 100
43 58.8 49.4 74.2
87 26.0 20.1 30.1
59 10.8 9.0 13.4

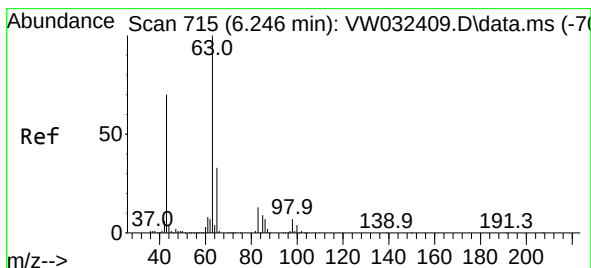
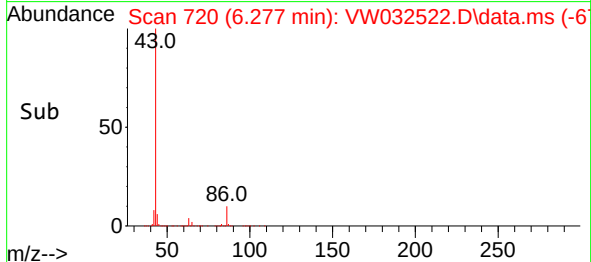
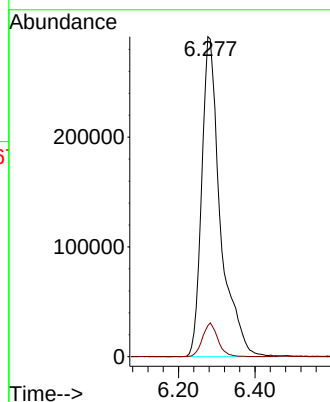
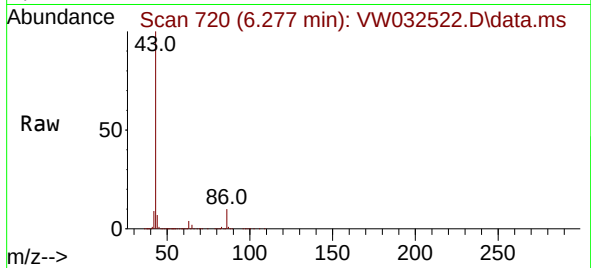




#23
 Vinyl Acetate
 Concen: 103.400 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

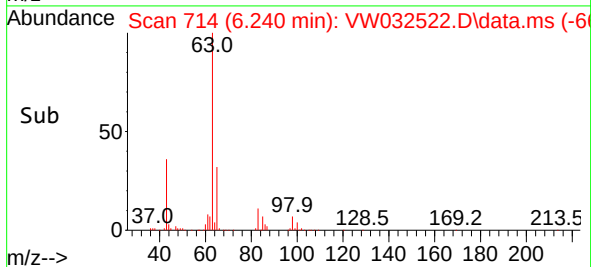
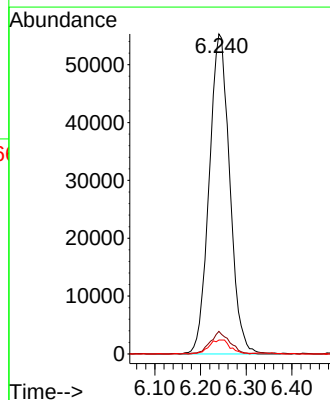
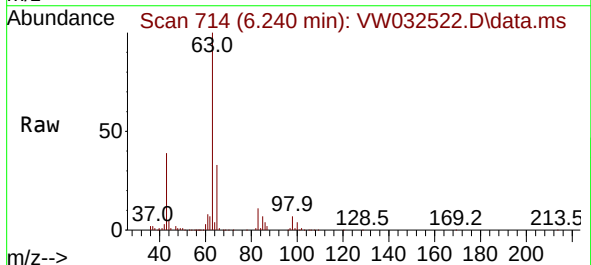
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

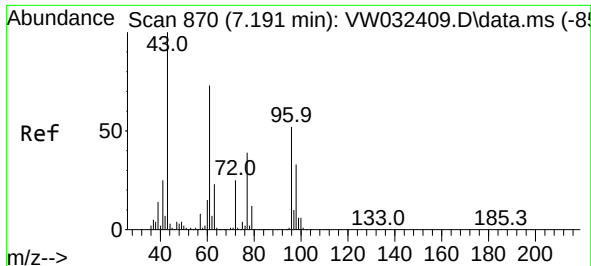
Tgt Ion: 43 Resp: 987625
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.637 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

Tgt Ion: 63 Resp: 172900
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.3 2.3 6.8

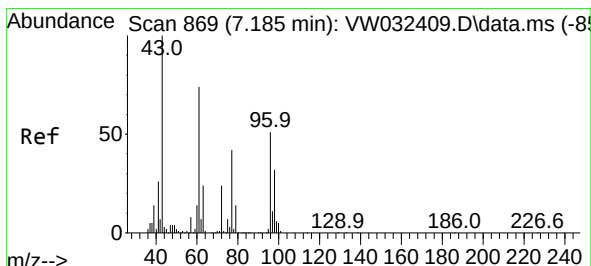
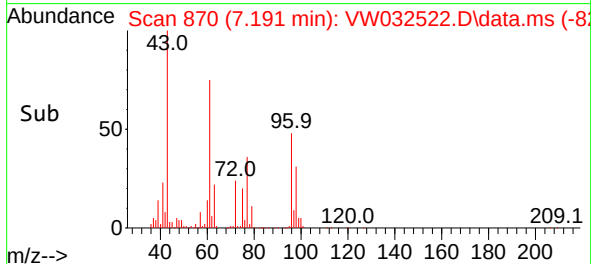
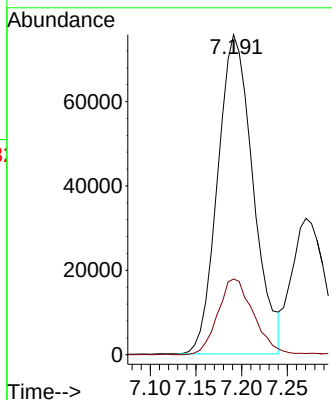
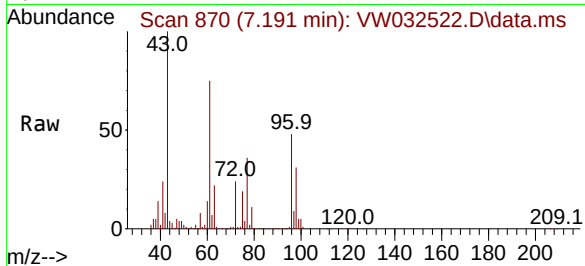




#25
2-Butanone
Concen: 108.421 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

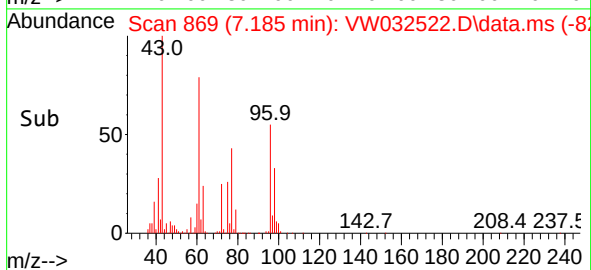
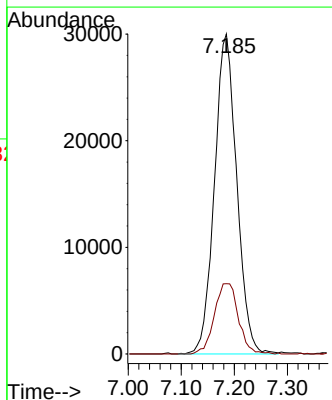
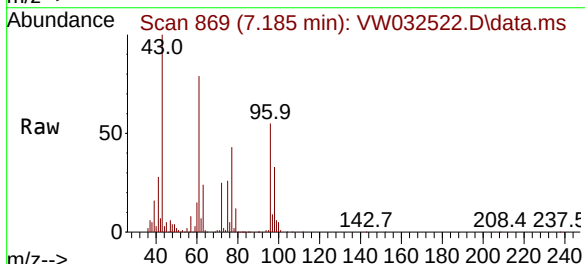
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

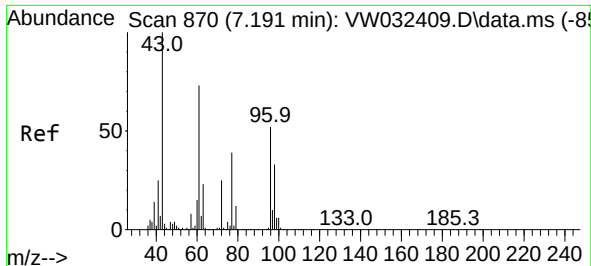
Tgt Ion: 43 Resp: 204089
Ion Ratio Lower Upper
43 100
72 23.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.547 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 77 Resp: 87464
Ion Ratio Lower Upper
77 100
97 23.7 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 21.432 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

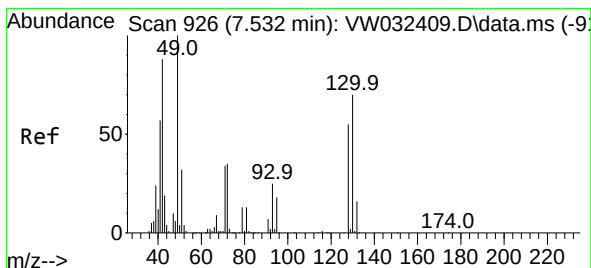
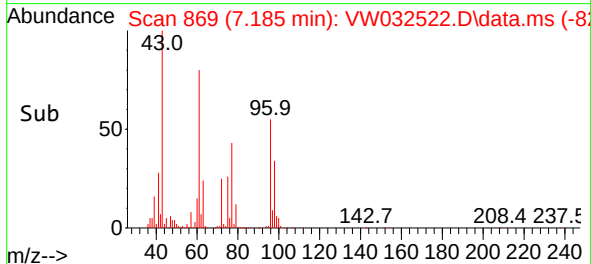
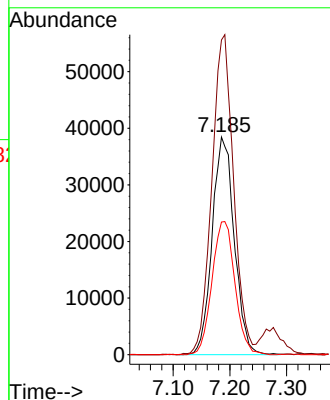
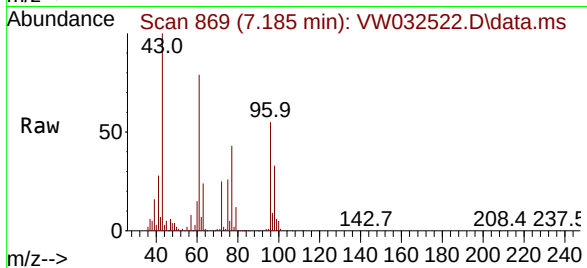
Tgt Ion: 96 Resp: 104263

Ion Ratio Lower Upper

96 100

61 144.5 0.0 282.6

98 63.4 0.0 128.6



#28

Bromochloromethane

Concen: 23.097 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

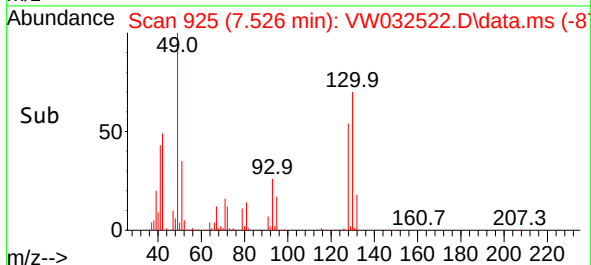
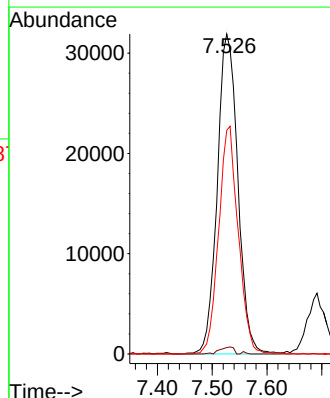
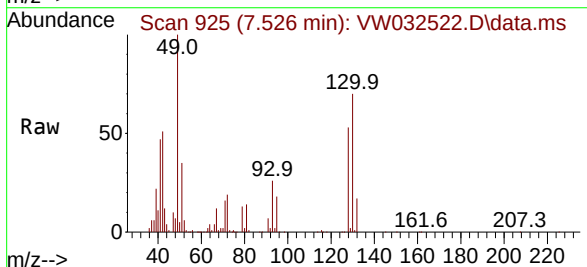
Tgt Ion: 49 Resp: 83383

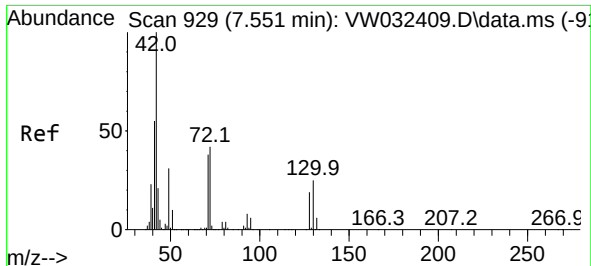
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 67.7 56.9 85.3





#29

Tetrahydrofuran

Concen: 107.797 ug/l

RT: 7.551 min Scan# 911

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

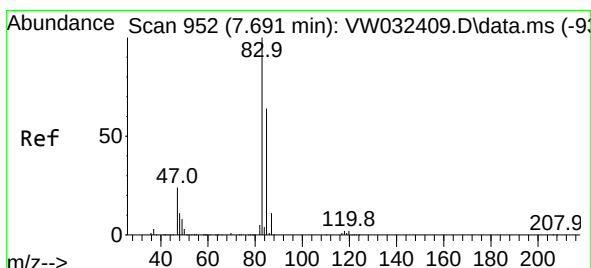
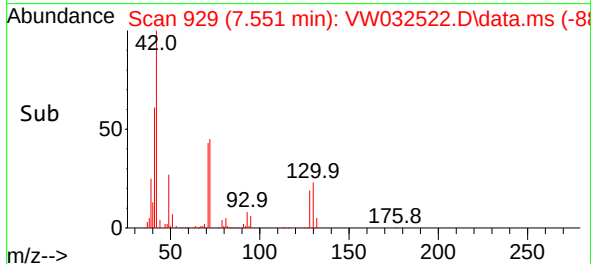
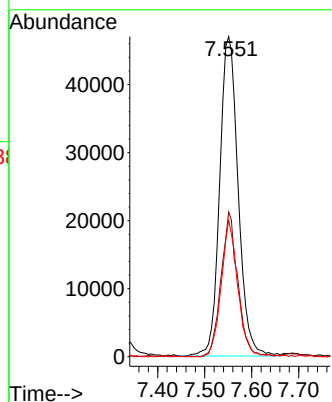
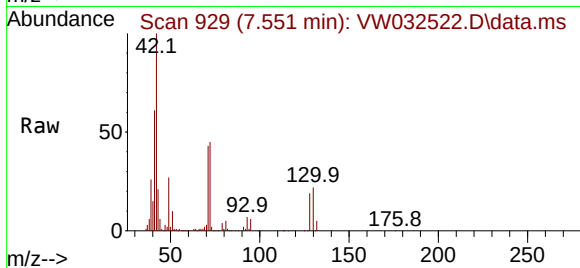
Tgt Ion: 42 Resp: 128792

Ion Ratio Lower Upper

42 100

72 40.9 33.6 50.4

71 38.3 31.4 47.0



#30

Chloroform

Concen: 22.876 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032522.D

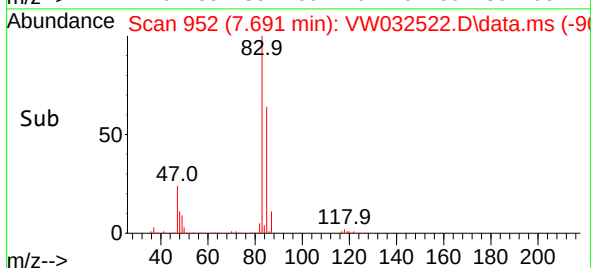
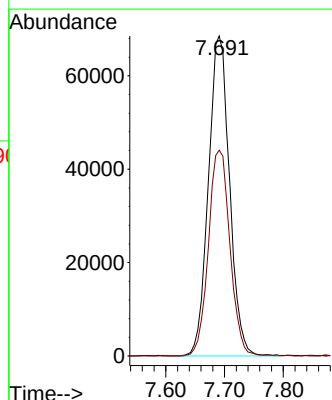
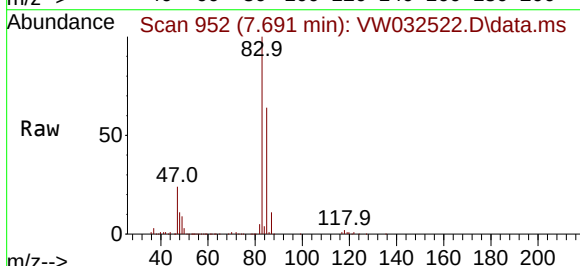
Acq: 21 Nov 2025 13:21

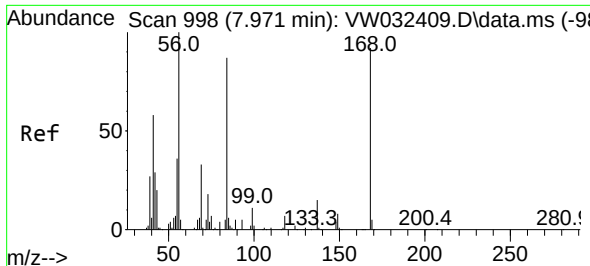
Tgt Ion: 83 Resp: 171050

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.4

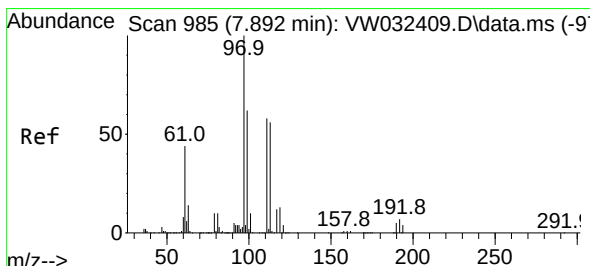
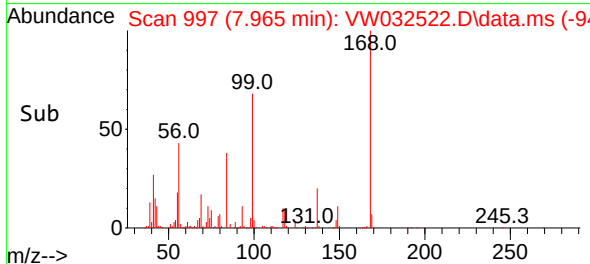
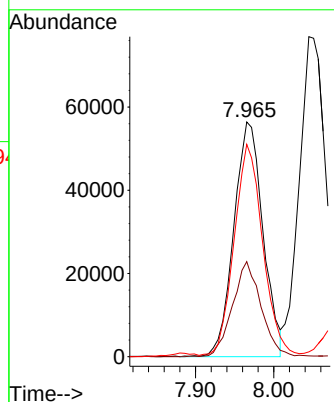
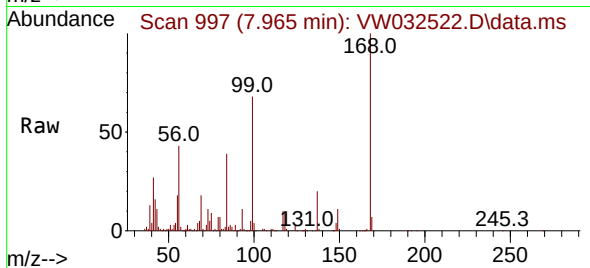




#31
Cyclohexane
Concen: 20.629 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

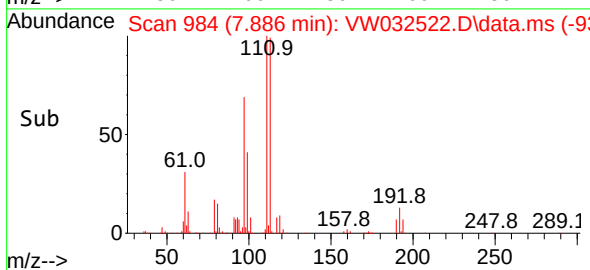
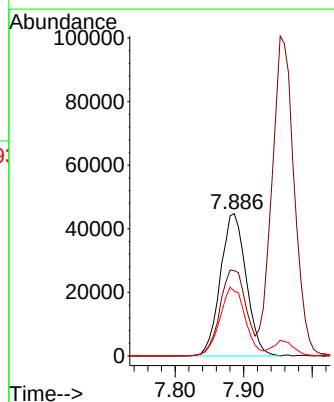
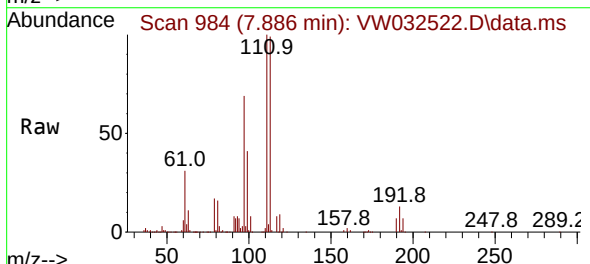
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

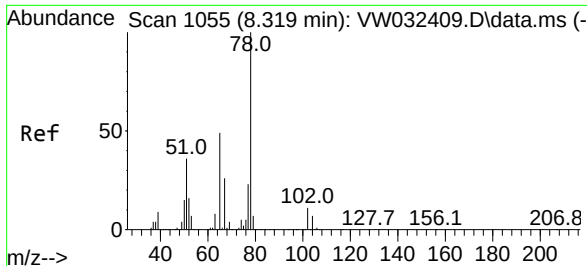
Tgt Ion: 56 Resp: 145750
Ion Ratio Lower Upper
56 100
69 40.5 26.5 39.7#
84 88.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 21.833 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 97 Resp: 116622
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.8
61 47.7 35.5 53.3

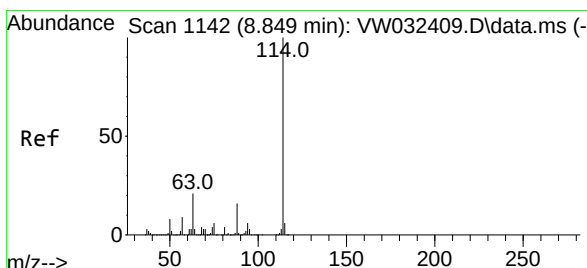
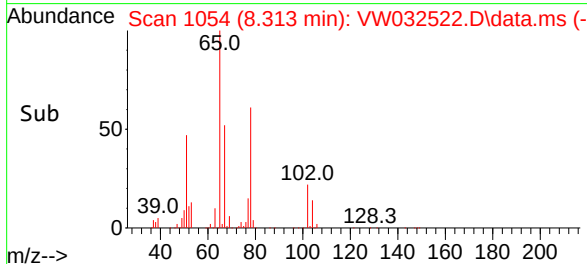
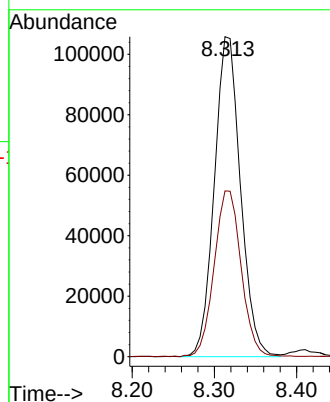
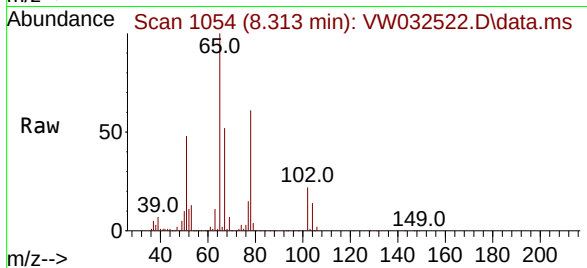




#33
 1,2-Dichloroethane-d4
 Concen: 54.835 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

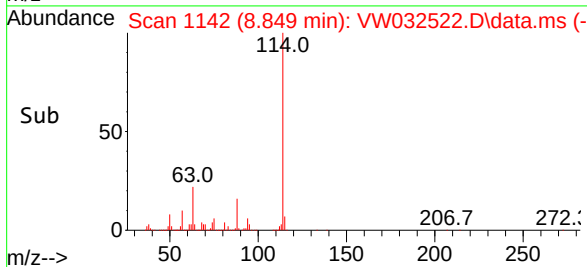
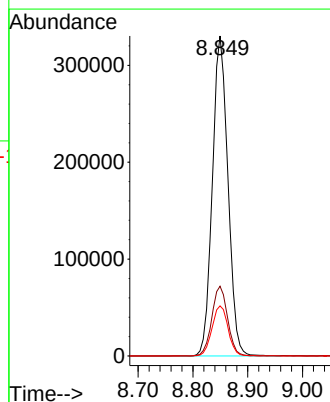
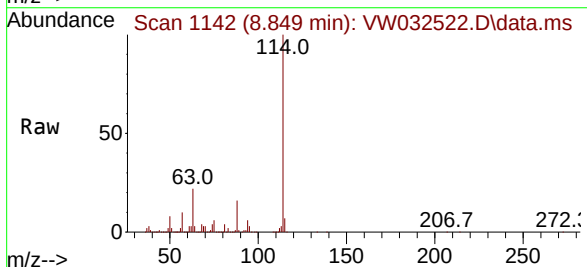
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

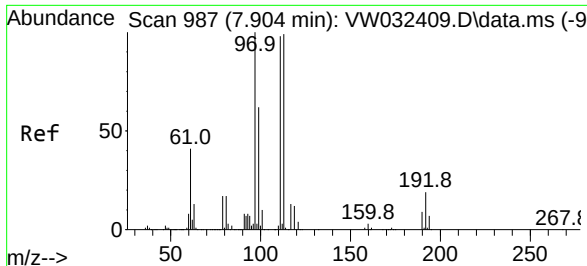
Tgt Ion: 65 Resp: 234187
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

Tgt Ion: 114 Resp: 649288
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.8
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.475 ug/l

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

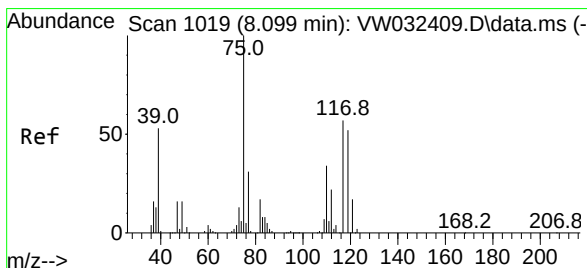
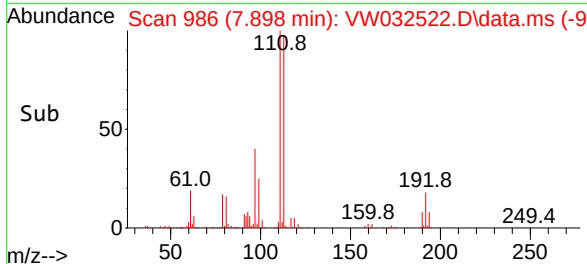
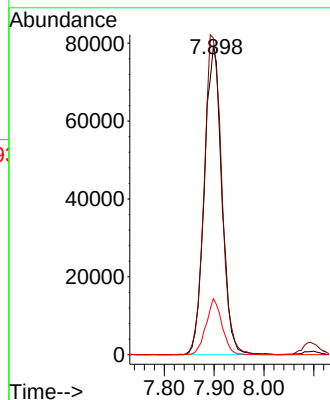
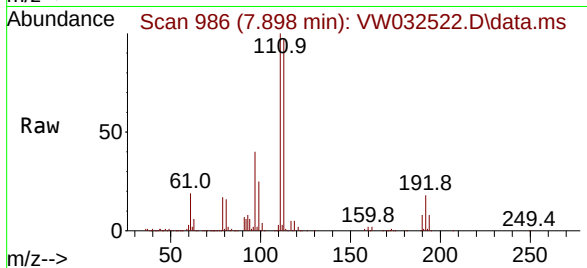
Tgt Ion:113 Resp: 192330

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 16.6 13.4 20.2



#36

1,1-Dichloropropene

Concen: 20.705 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

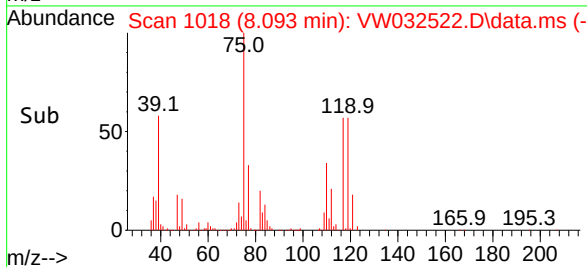
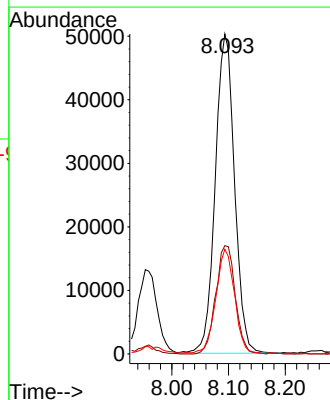
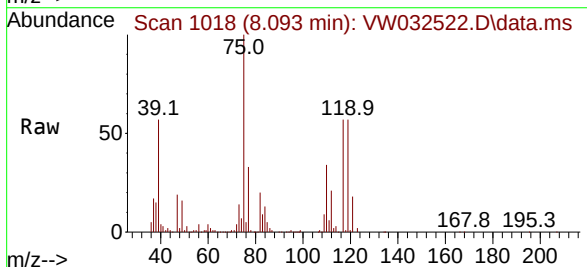
Tgt Ion: 75 Resp: 118594

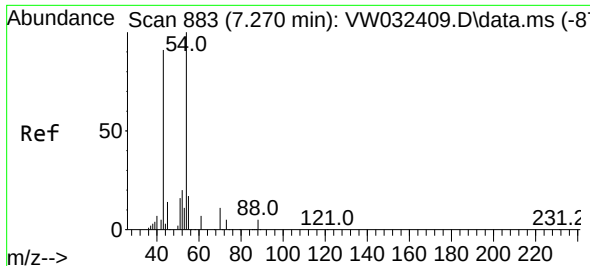
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 31.7 24.5 36.7

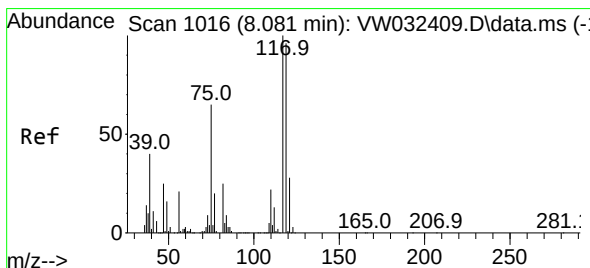
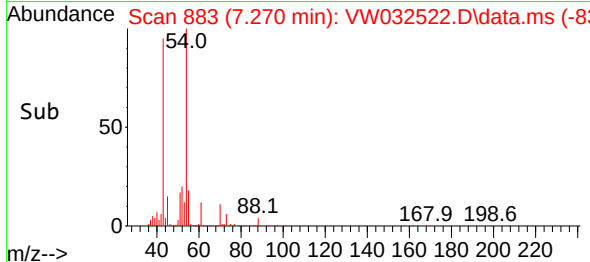
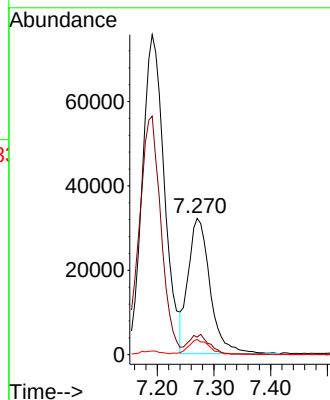
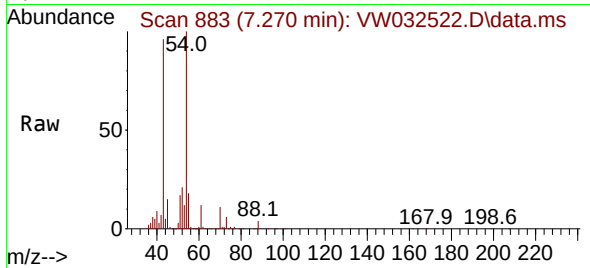




#37
Ethyl Acetate
Concen: 20.182 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

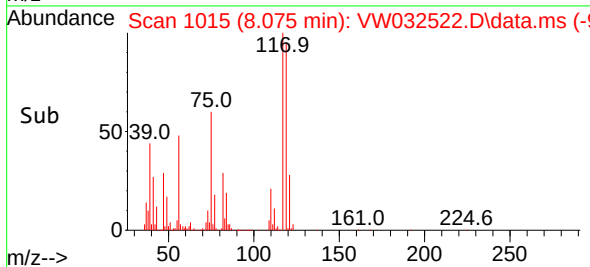
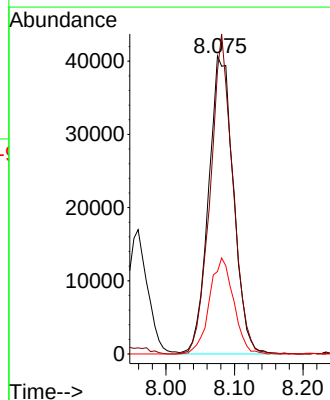
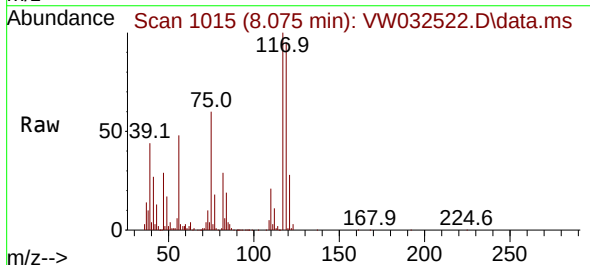
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

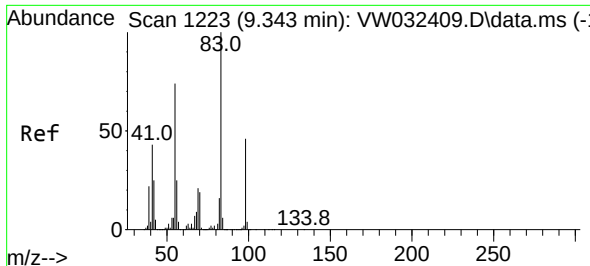
Tgt Ion: 43 Resp: 85960
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 11.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.244 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 117 Resp: 103030
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
121 27.7 22.0 33.0





#39

Methylcyclohexane

Concen: 18.606 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

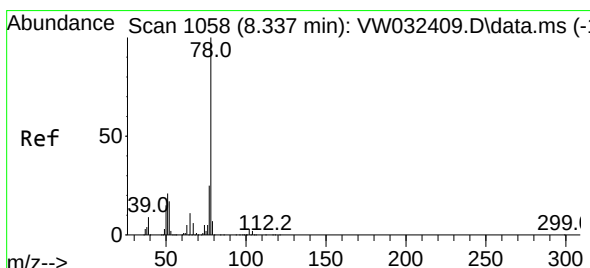
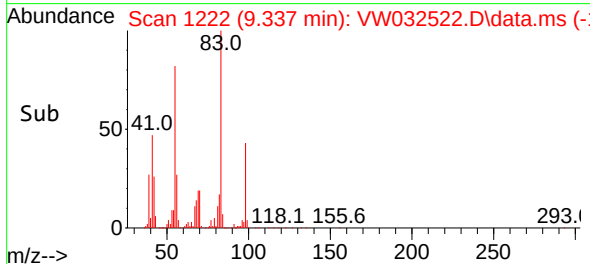
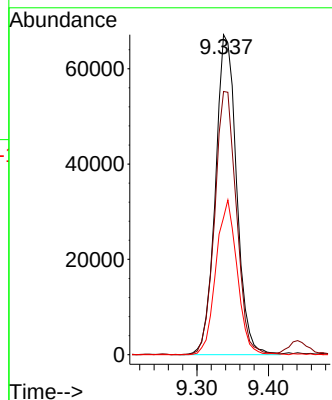
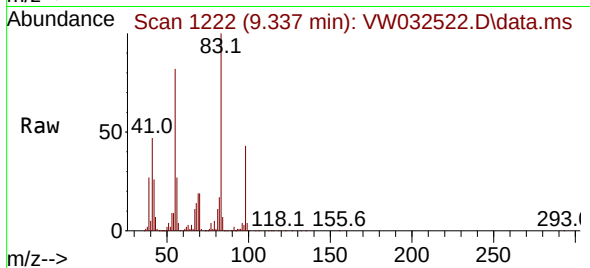
Tgt Ion: 83 Resp: 138055

Ion Ratio Lower Upper

83 100

55 82.2 59.2 88.8

98 42.9 36.6 54.8



#40

Benzene

Concen: 20.522 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032522.D

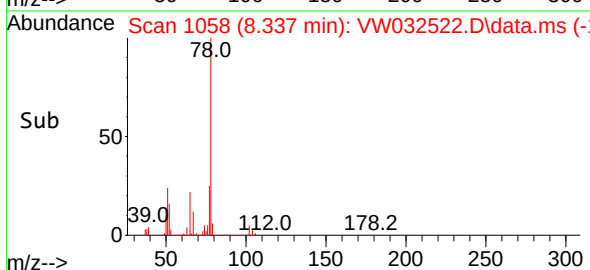
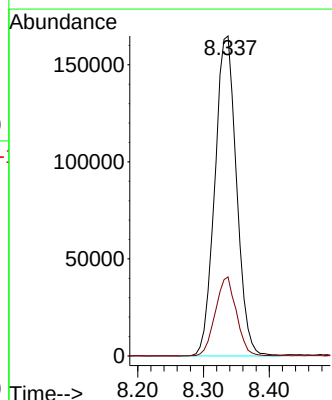
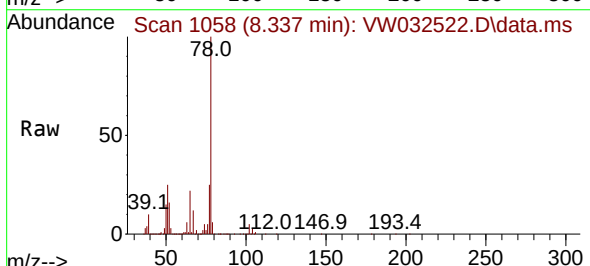
Acq: 21 Nov 2025 13:21

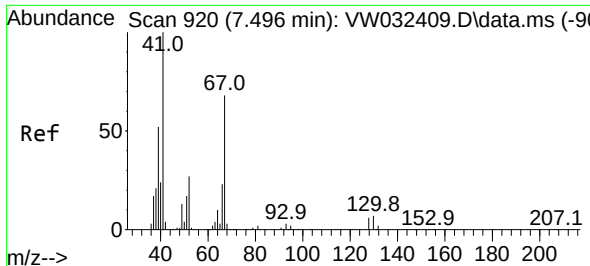
Tgt Ion: 78 Resp: 378538

Ion Ratio Lower Upper

78 100

77 24.7 19.6 29.4

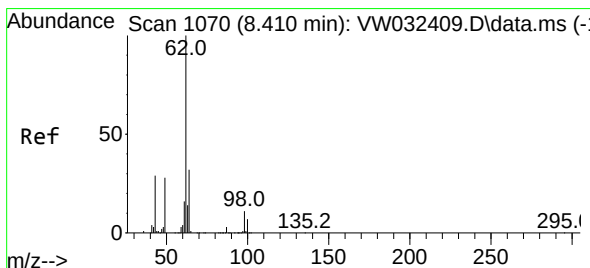
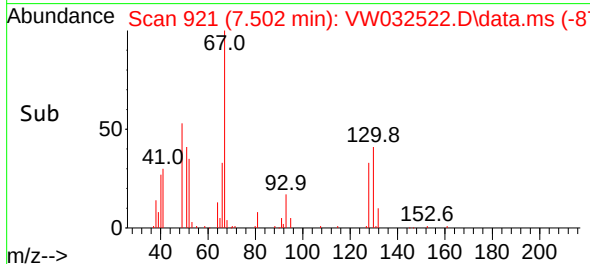
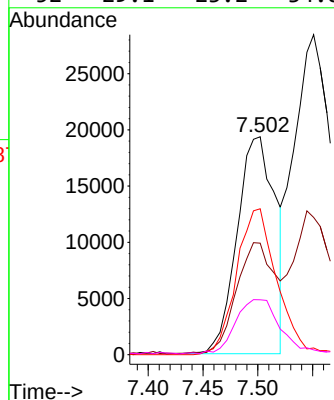
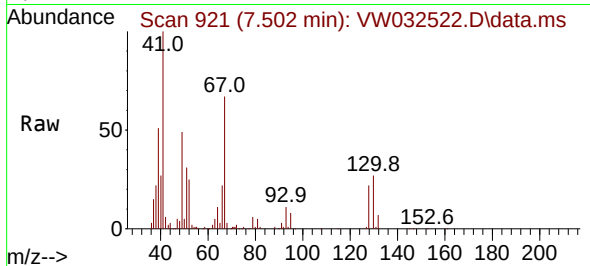




#41
Methacrylonitrile
Concen: 20.018 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

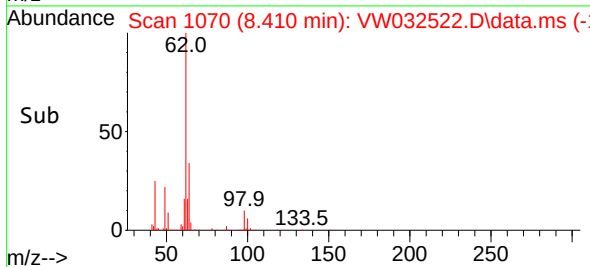
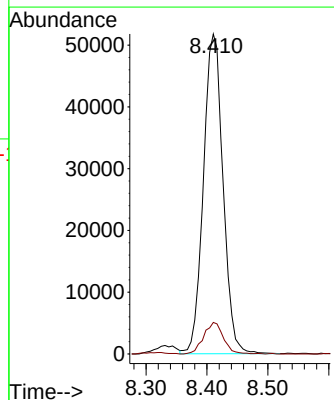
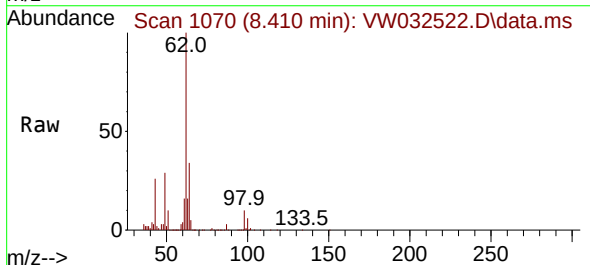
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

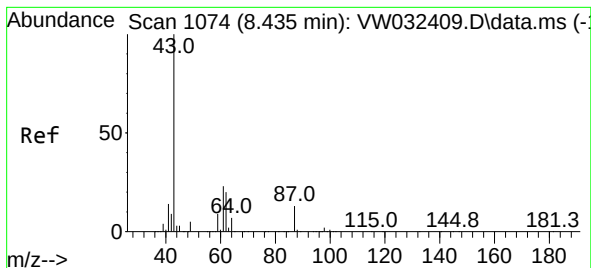
Tgt Ion:	41	Resp:	46836
Ion	Ratio	Lower	Upper
41	100		
39	51.2	44.6	66.8
67	71.4	57.6	86.4
52	29.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.352 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:	62	Resp:	115683
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.147 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

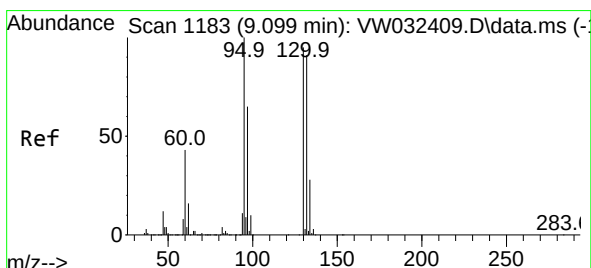
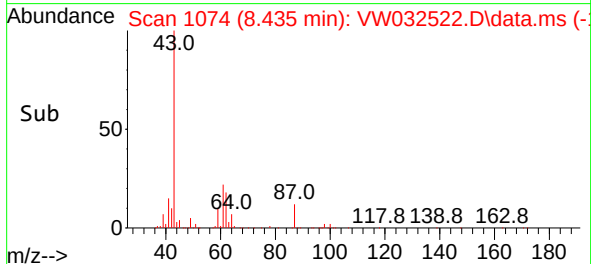
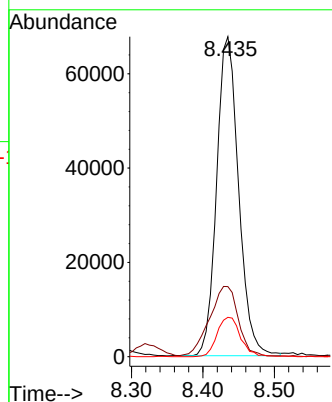
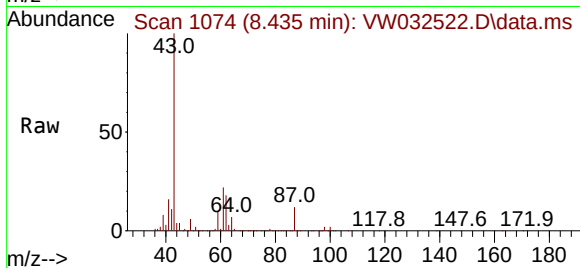
Tgt Ion: 43 Resp: 144396

Ion Ratio Lower Upper

43 100

61 28.7 22.6 33.8

87 13.3 10.6 15.8



#44

Trichloroethene

Concen: 20.085 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032522.D

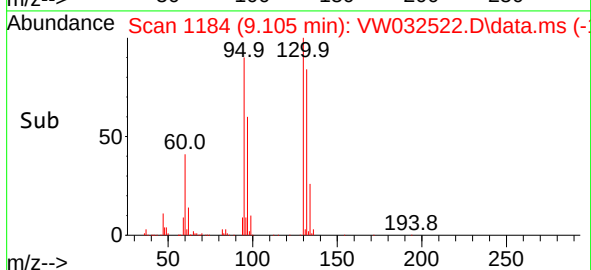
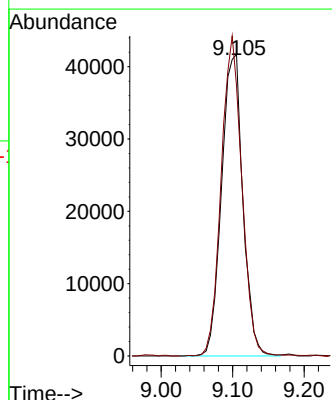
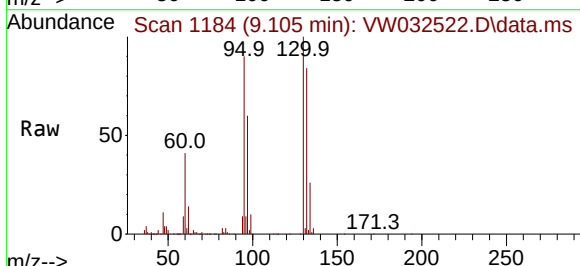
Acq: 21 Nov 2025 13:21

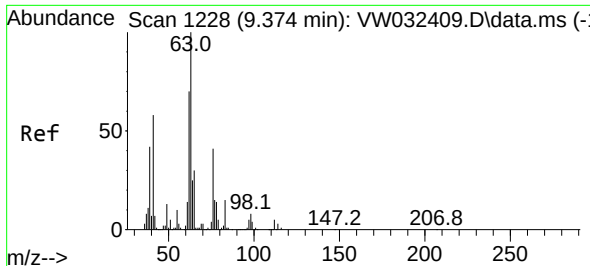
Tgt Ion:130 Resp: 86206

Ion Ratio Lower Upper

130 100

95 89.6 0.0 209.6

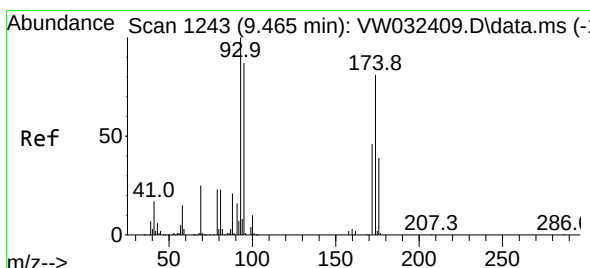
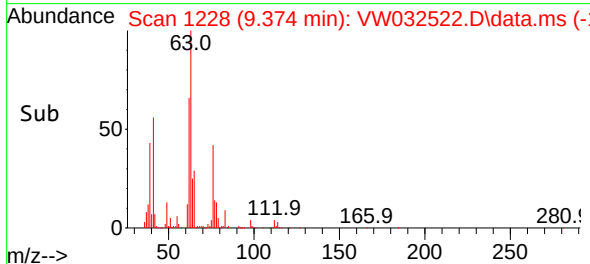
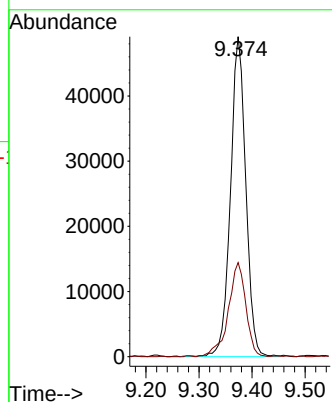
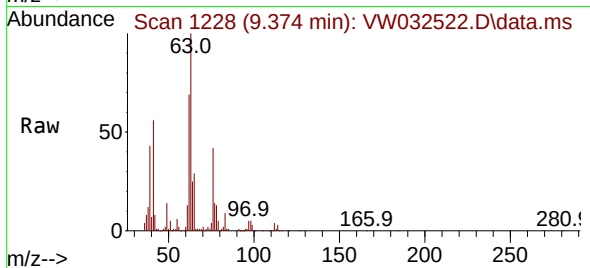




#45
1,2-Dichloropropane
Concen: 21.473 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

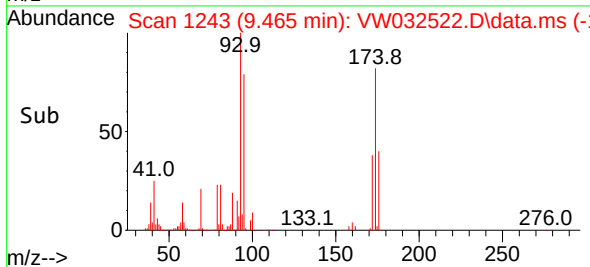
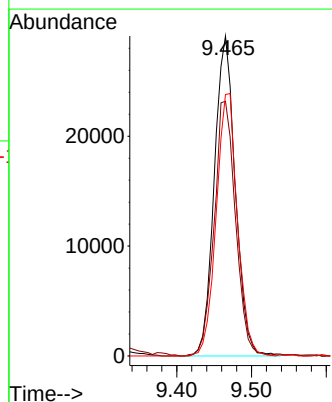
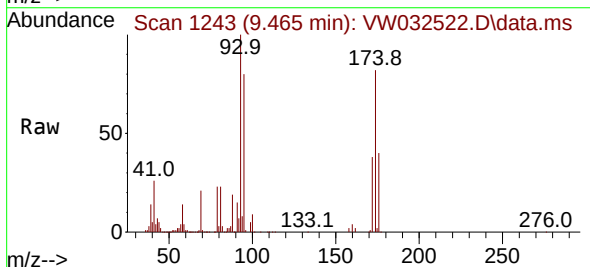
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

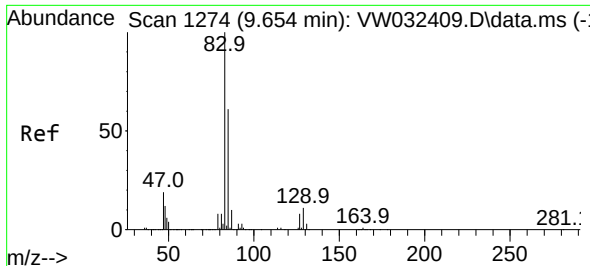
Tgt Ion: 63 Resp: 98626
Ion Ratio Lower Upper
63 100
65 29.4 24.4 36.6



#46
Dibromomethane
Concen: 21.158 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 93 Resp: 56787
Ion Ratio Lower Upper
93 100
95 81.2 67.1 100.7
174 83.0 68.2 102.4

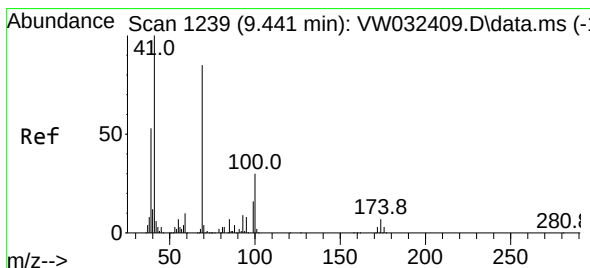
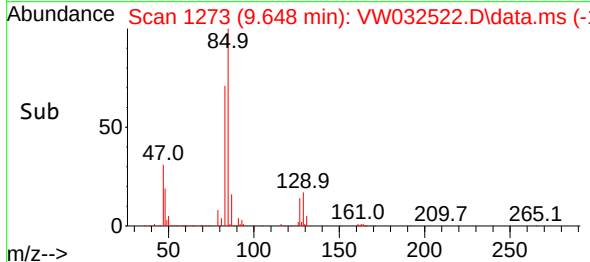
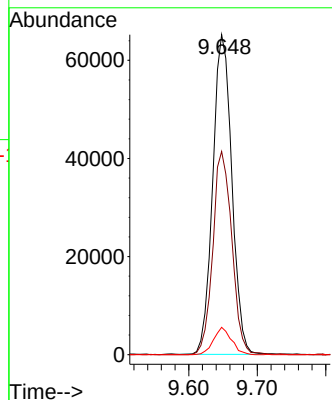
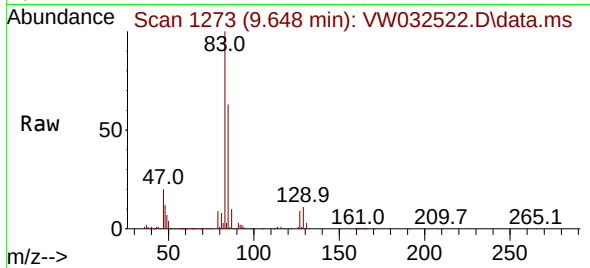




#47
Bromodichloromethane
Concen: 20.576 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

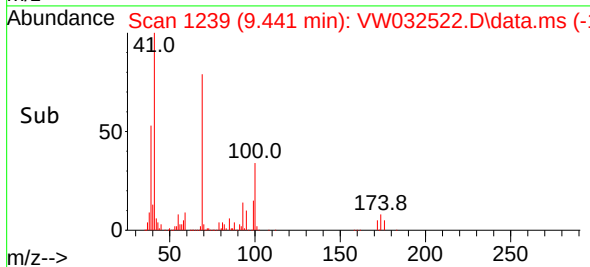
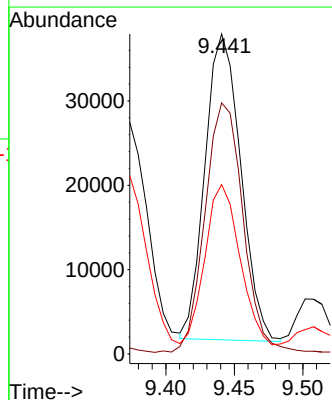
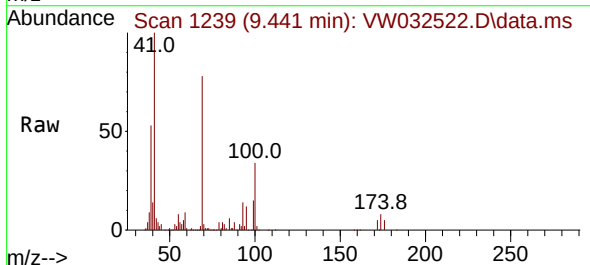
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

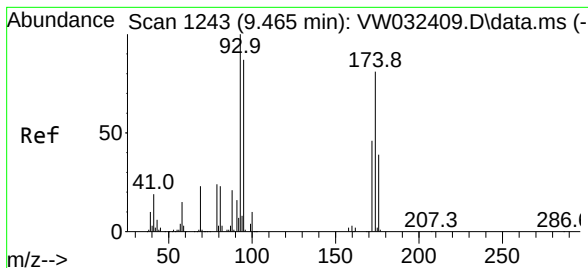
Tgt Ion: 83 Resp: 125974
Ion Ratio Lower Upper
83 100
85 63.6 48.7 73.1
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 18.356 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 41 Resp: 65784
Ion Ratio Lower Upper
41 100
69 87.3 65.8 98.6
39 51.7 38.6 57.8





#49

1,4-Dioxane

Concen: 420.730 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

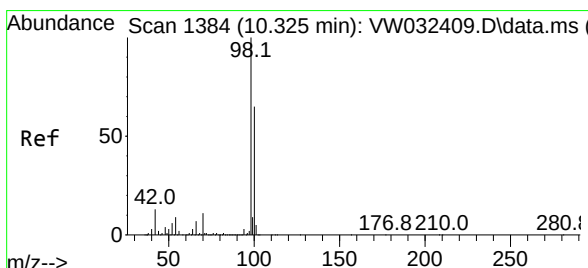
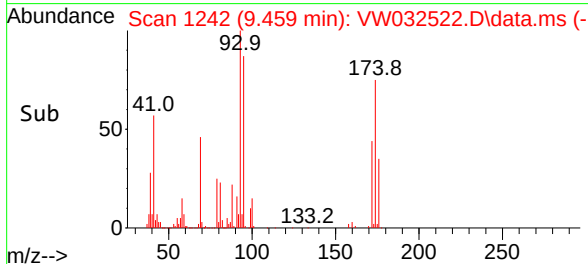
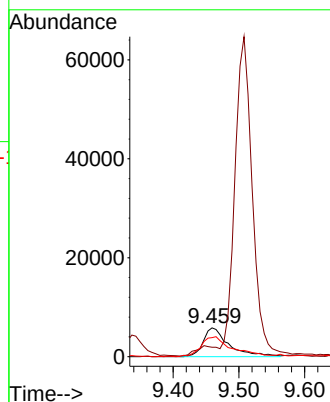
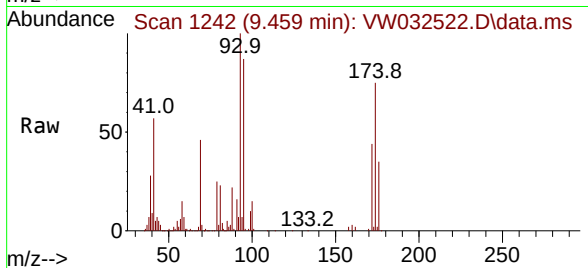
Tgt Ion: 88 Resp: 15819

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 83.6 63.0 94.4



#50

Toluene-d8

Concen: 50.480 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032522.D

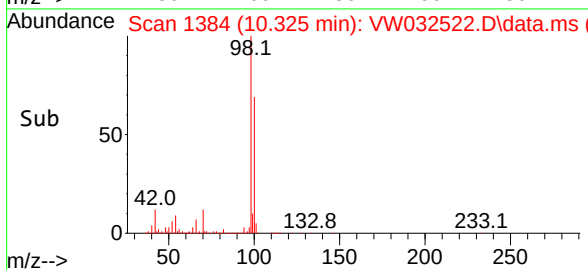
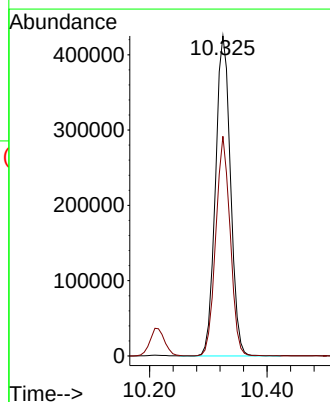
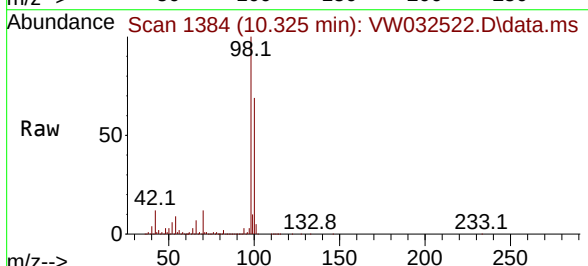
Acq: 21 Nov 2025 13:21

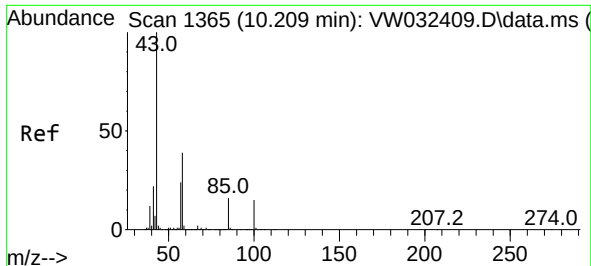
Tgt Ion: 98 Resp: 752840

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9

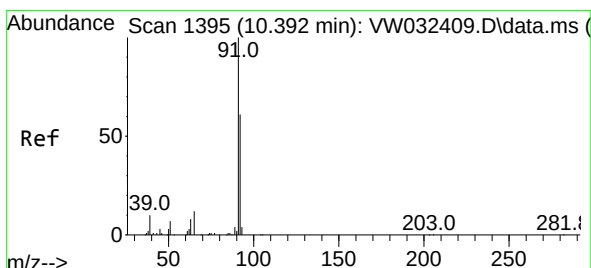
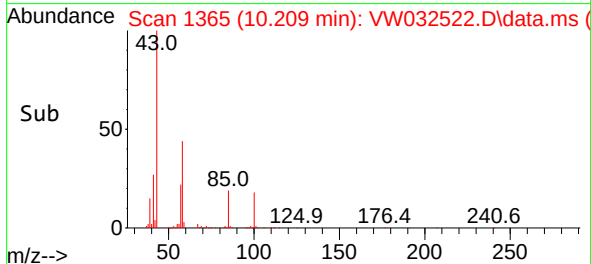
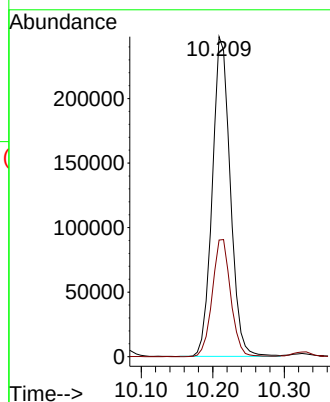
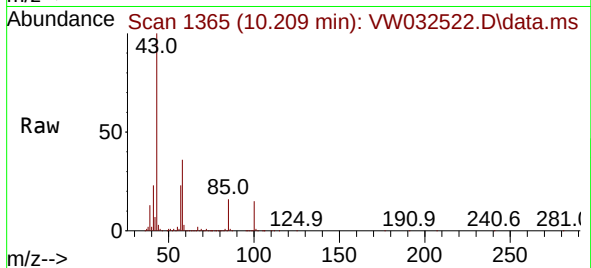




#51
4-Methyl-2-Pentanone
Concen: 103.809 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

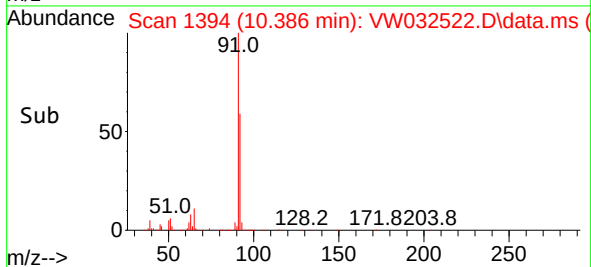
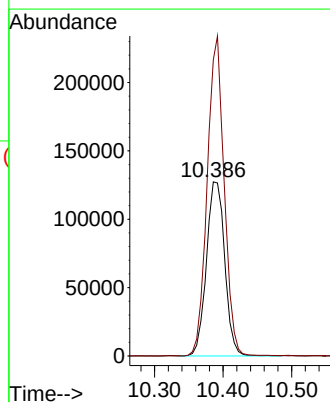
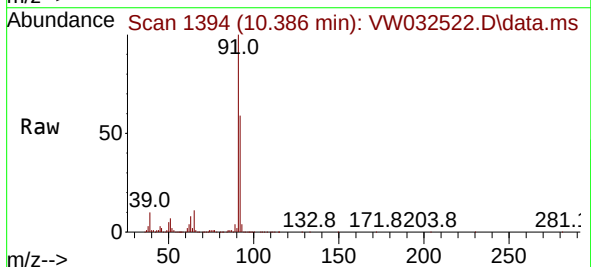
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

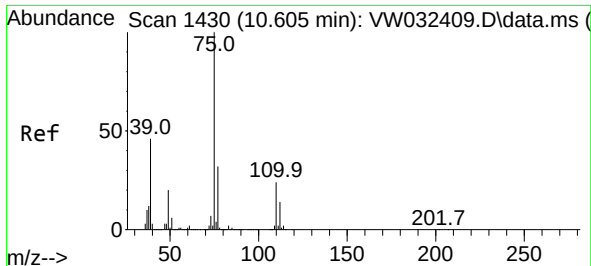
Tgt Ion: 43 Resp: 432798
Ion Ratio Lower Upper
43 100
58 37.6 31.4 47.2



#52
Toluene
Concen: 20.764 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 92 Resp: 236574
Ion Ratio Lower Upper
92 100
91 169.9 136.6 205.0

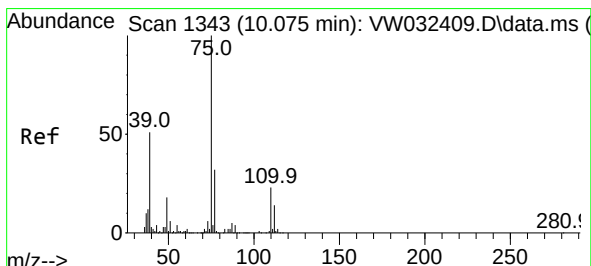
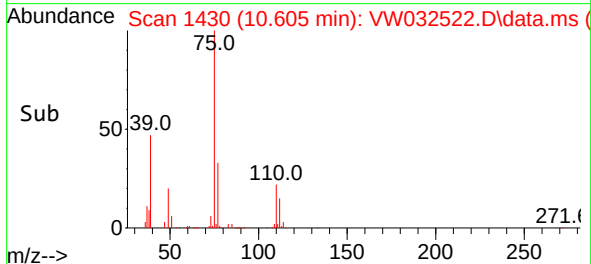
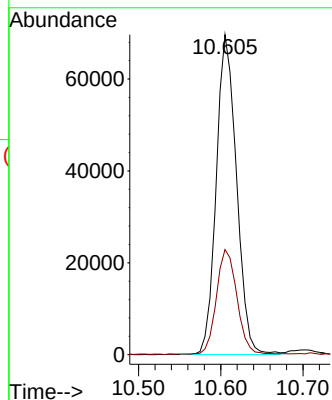
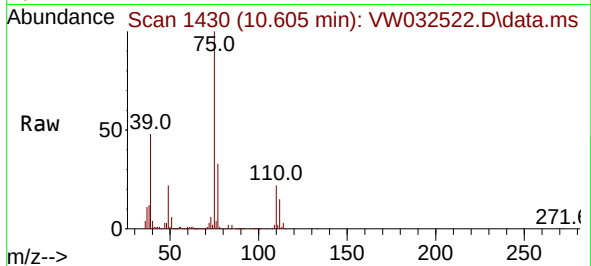




#53
t-1,3-Dichloropropene
Concen: 18.871 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

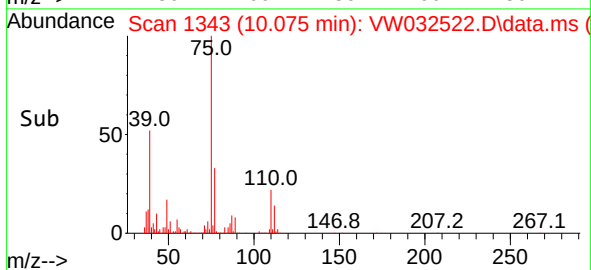
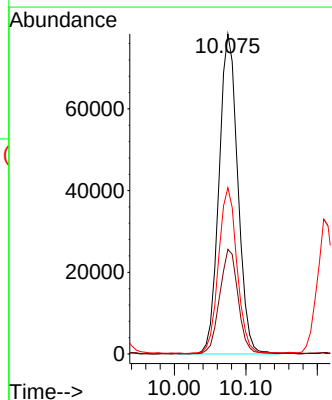
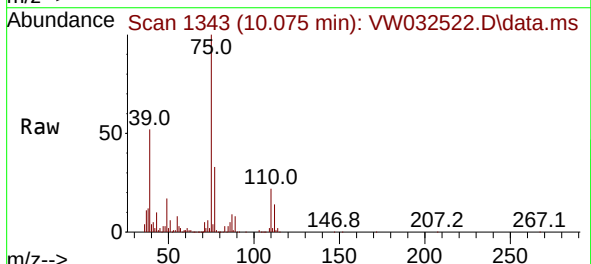
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

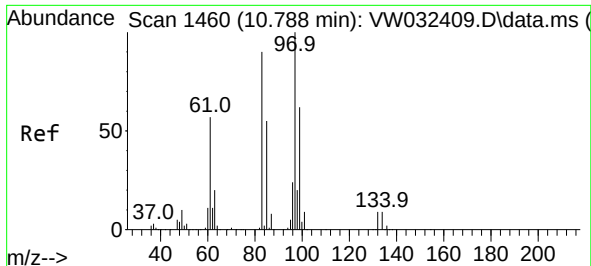
Tgt Ion: 75 Resp: 118986
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.605 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 75 Resp: 142953
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 51.7 40.7 61.1

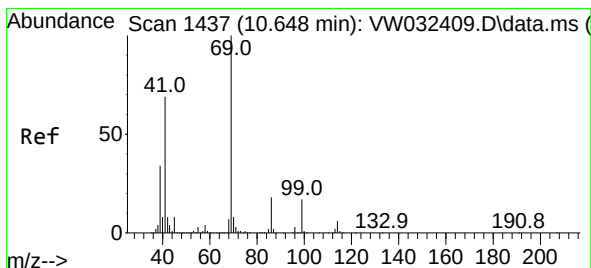
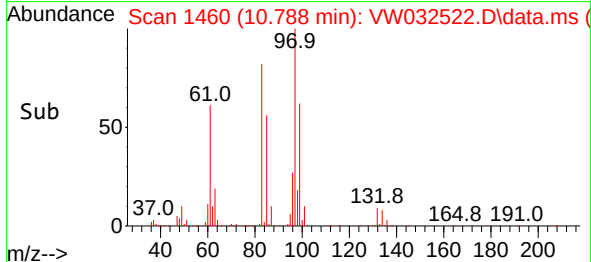
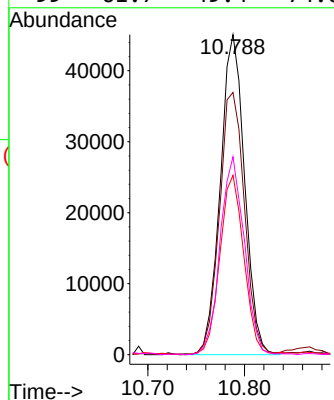
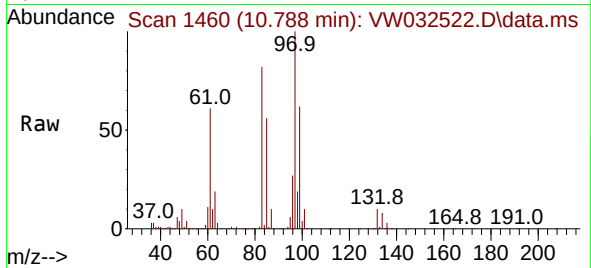




#55
1,1,2-Trichloroethane
Concen: 21.310 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

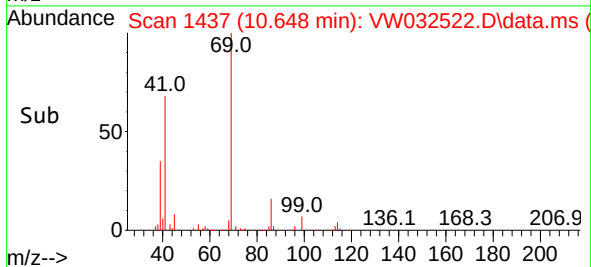
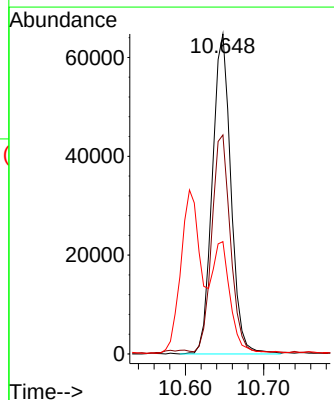
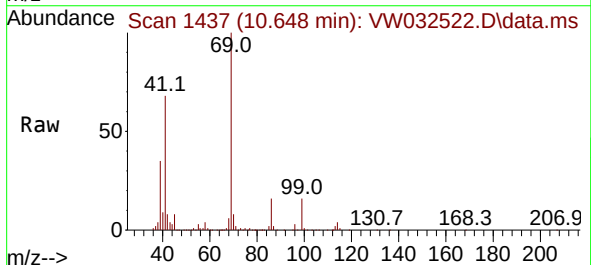
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

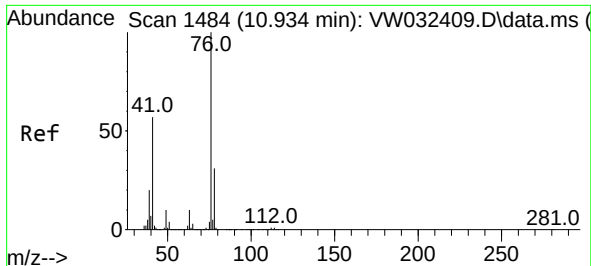
Tgt Ion:	97	Resp:	78464
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.2	108.4
85	56.1	43.8	65.8
99	61.7	49.4	74.0



#56
Ethyl methacrylate
Concen: 18.907 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:	69	Resp:	106811
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.4	81.6
39	31.9	25.4	38.0





#57

1,3-Dichloropropane

Concen: 20.562 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

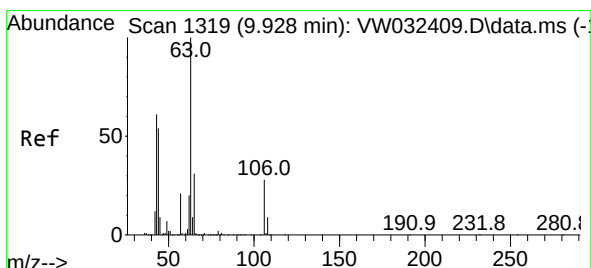
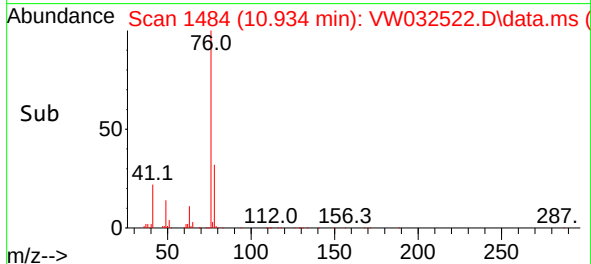
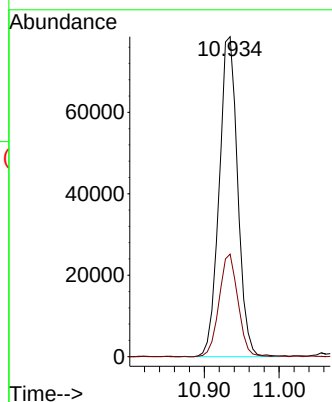
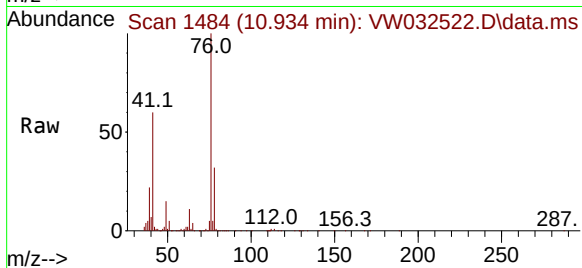
VW1121SBS01

Tgt Ion: 76 Resp: 135216

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.717 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032522.D

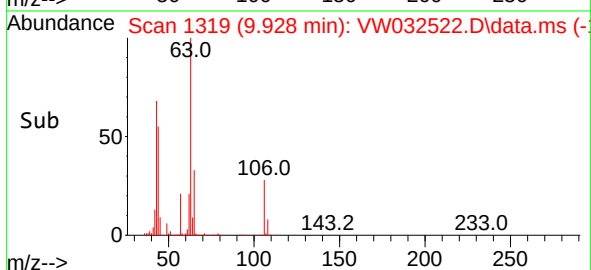
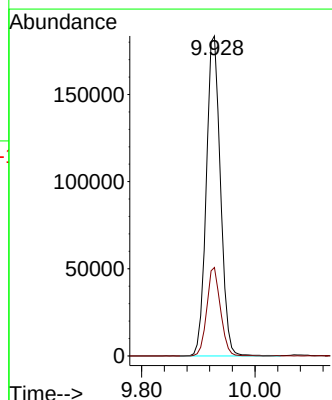
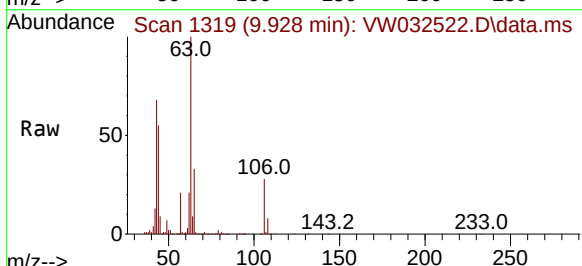
Acq: 21 Nov 2025 13:21

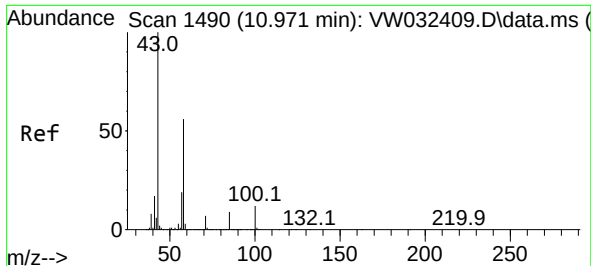
Tgt Ion: 63 Resp: 318055

Ion Ratio Lower Upper

63 100

106 26.7 22.0 33.0

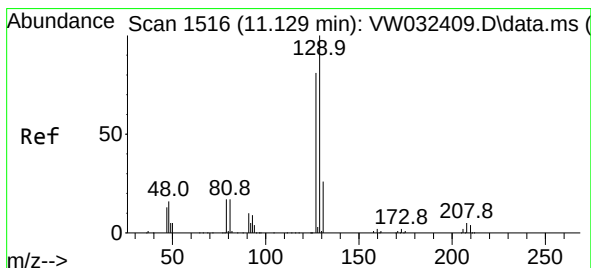
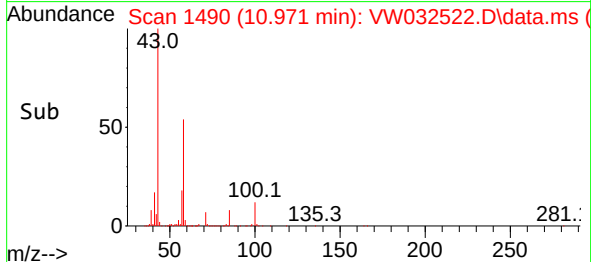
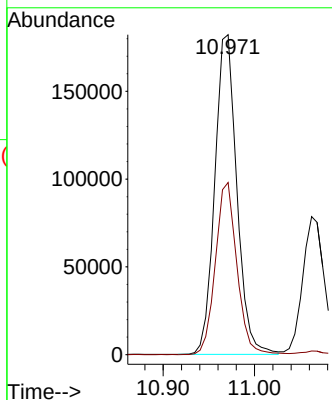
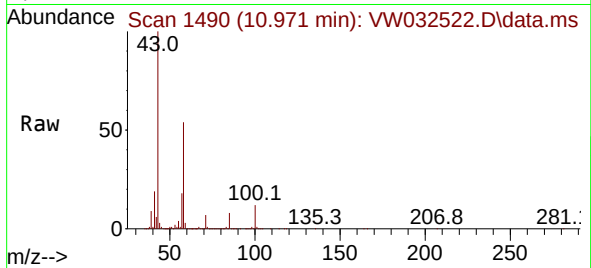




#59
2-Hexanone
Concen: 100.134 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

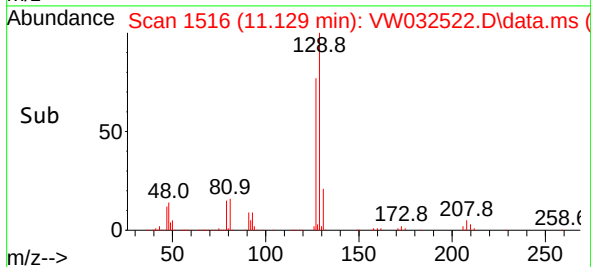
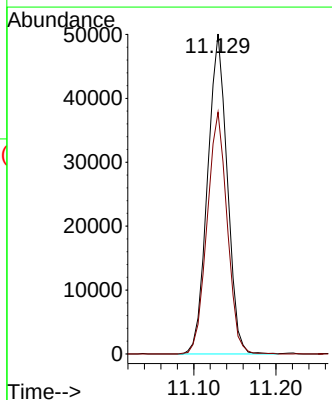
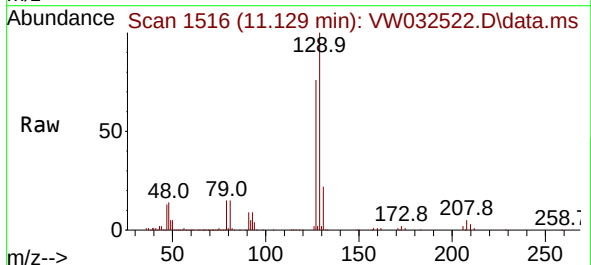
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

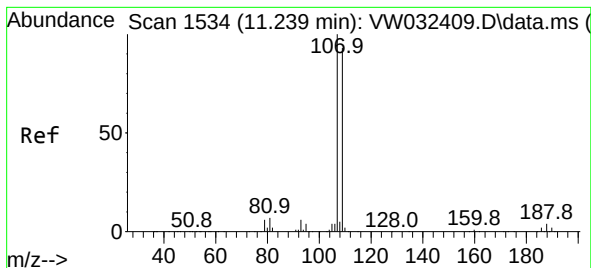
Tgt Ion: 43 Resp: 305442
Ion Ratio Lower Upper
43 100
58 52.7 27.4 82.2



#60
Dibromochloromethane
Concen: 20.244 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 129 Resp: 83238
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

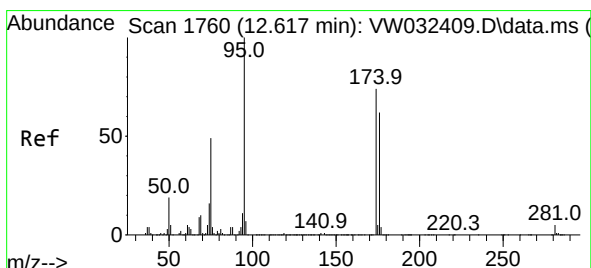
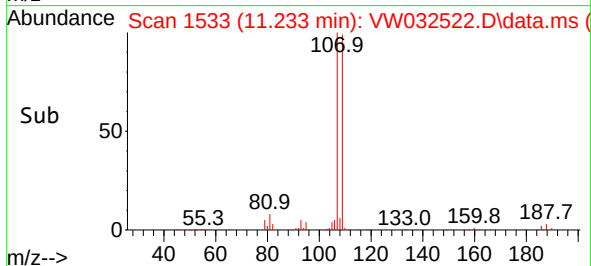
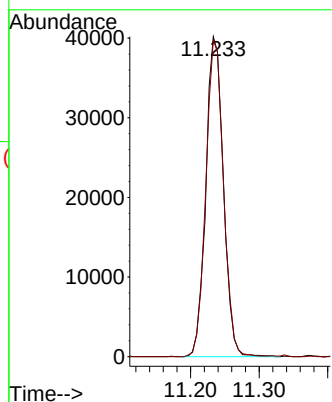
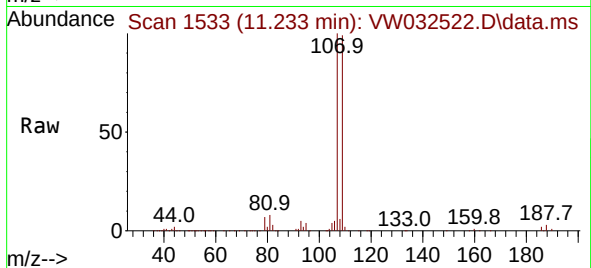




#61
1,2-Dibromoethane
Concen: 19.951 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

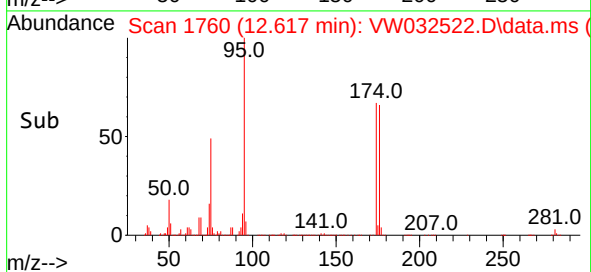
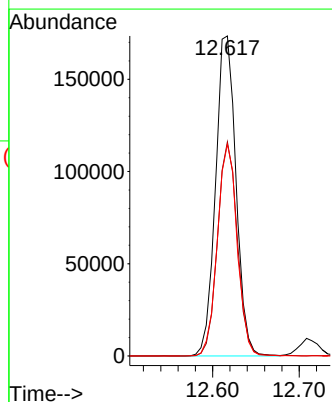
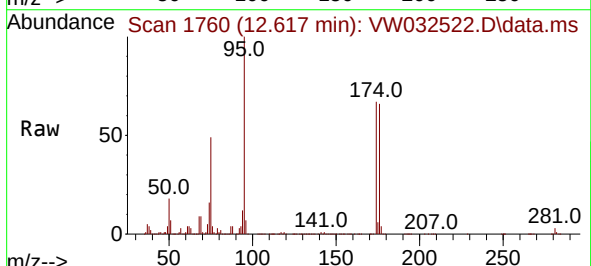
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

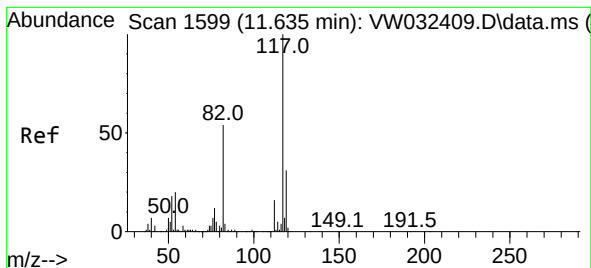
Tgt Ion:107 Resp: 71546
Ion Ratio Lower Upper
107 100
109 99.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.575 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 95 Resp: 284925
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 64.1 0.0 131.8

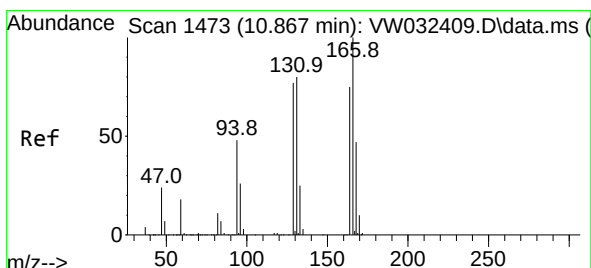
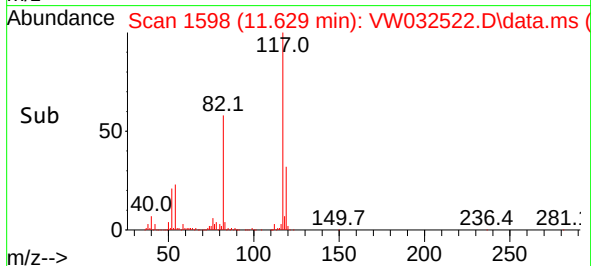
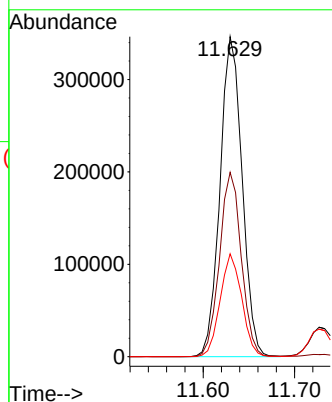
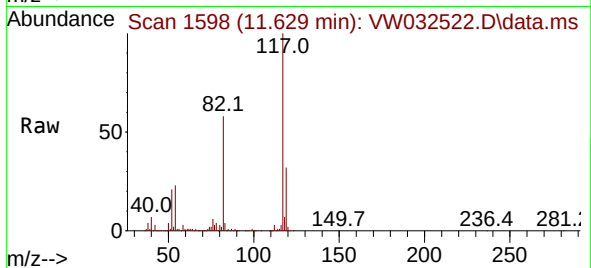




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

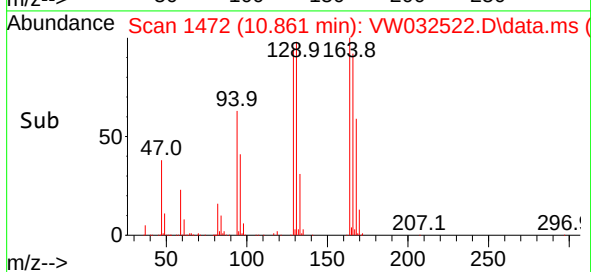
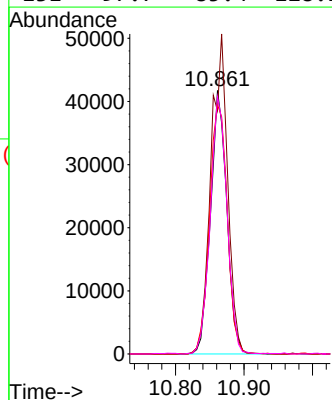
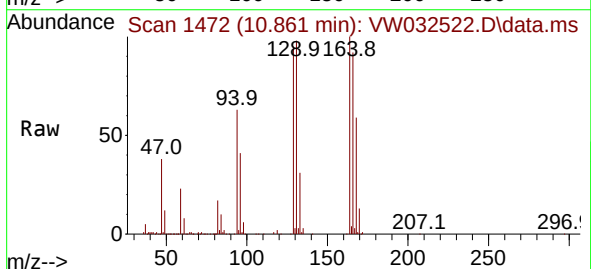
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

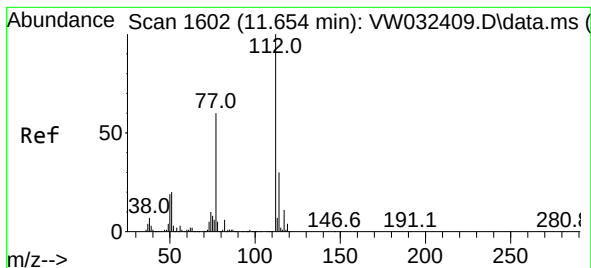
Tgt Ion:117 Resp: 582992
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 19.999 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:164 Resp: 69045
Ion Ratio Lower Upper
164 100
166 92.2 107.0 160.4#
129 94.6 82.9 124.3
131 97.7 85.4 128.2





#65

Chlorobenzene

Concen: 20.414 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

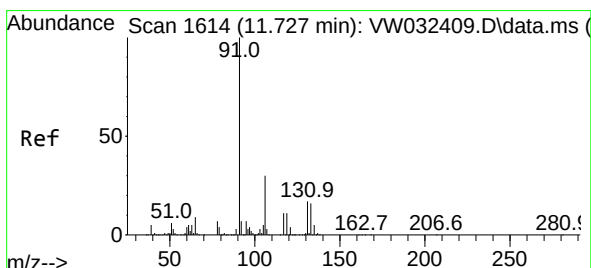
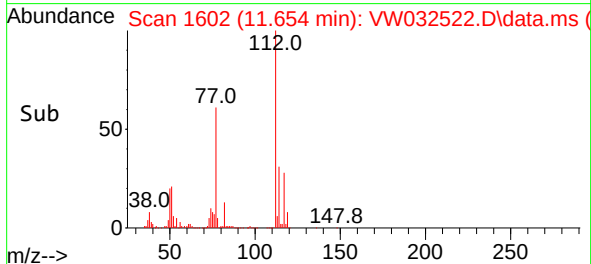
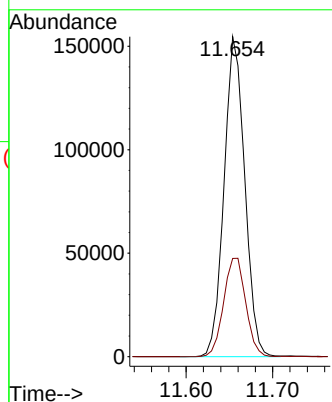
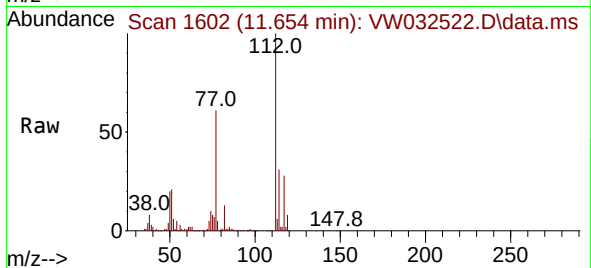
VW1121SBS01

Tgt Ion:112 Resp: 256514

Ion Ratio Lower Upper

112 100

114 30.7 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.336 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

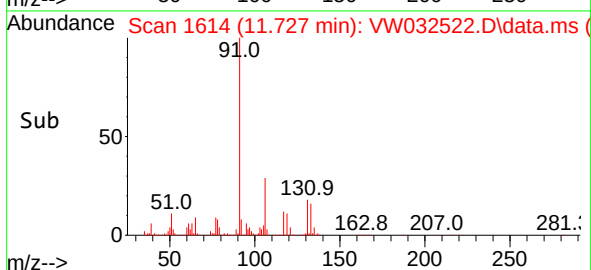
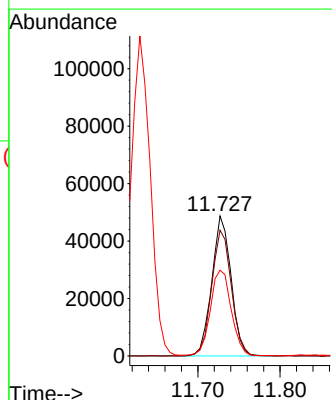
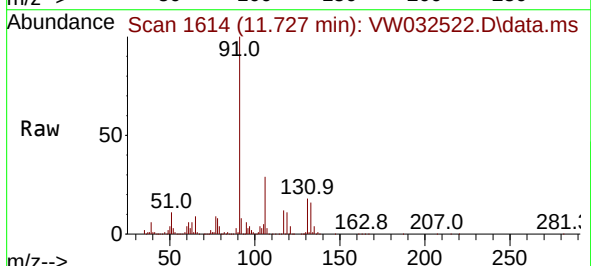
Tgt Ion:131 Resp: 79084

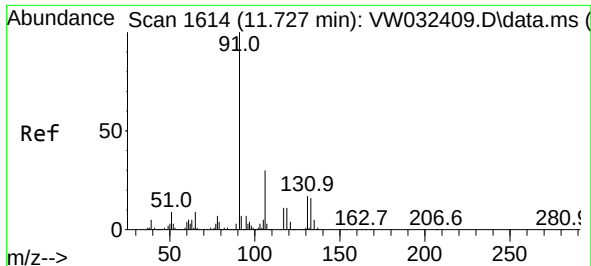
Ion Ratio Lower Upper

131 100

133 92.5 46.9 140.6

119 66.9 33.4 100.2

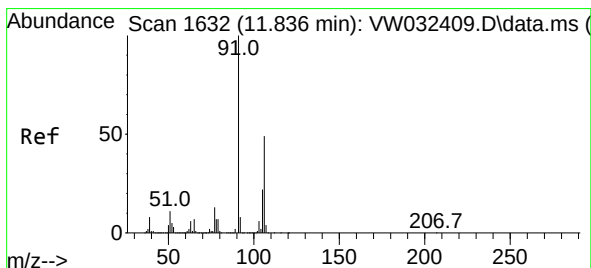
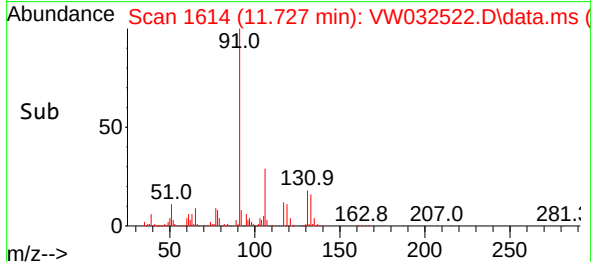
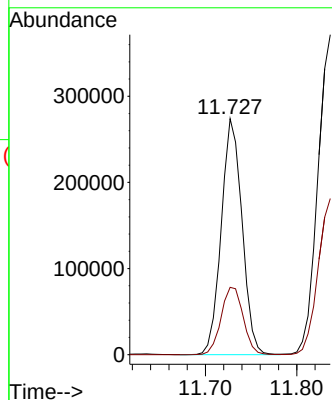
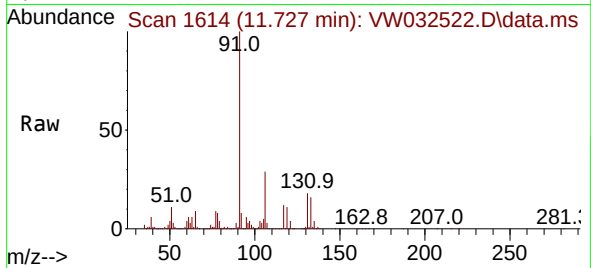




#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

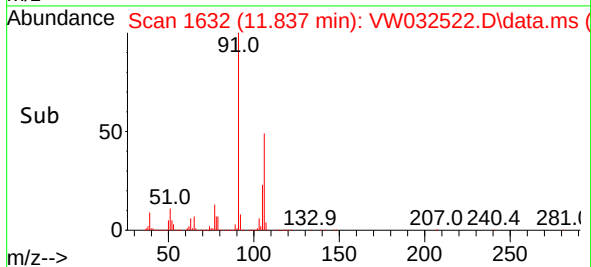
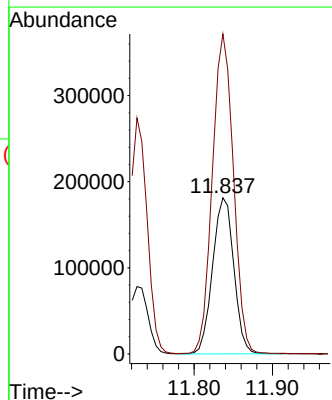
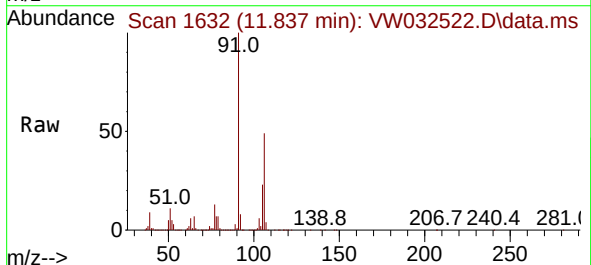
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

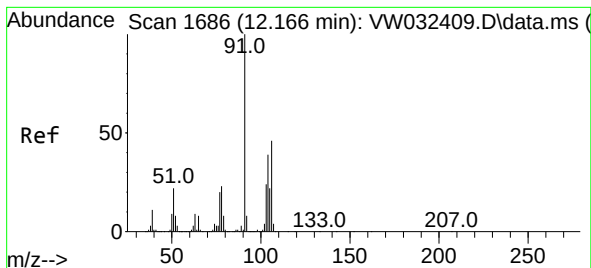
Tgt Ion: 91 Resp: 433875
Ion Ratio Lower Upper
91 100
106 28.5 24.2 36.2



#68
m/p-Xylenes
Concen: 41.720 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:106 Resp: 340570
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3

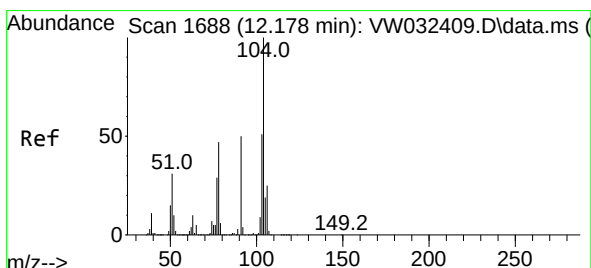
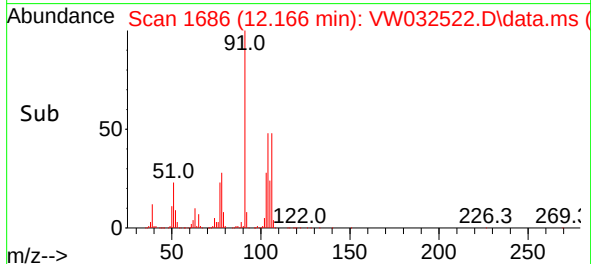
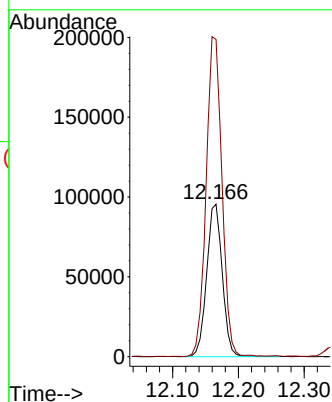
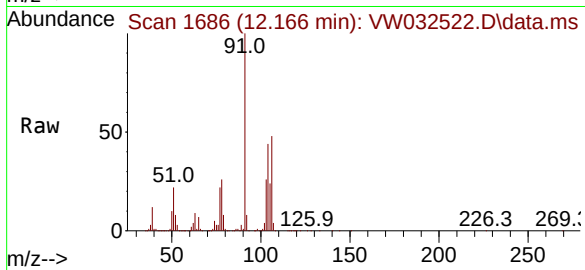




#69
o-Xylene
Concen: 20.111 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

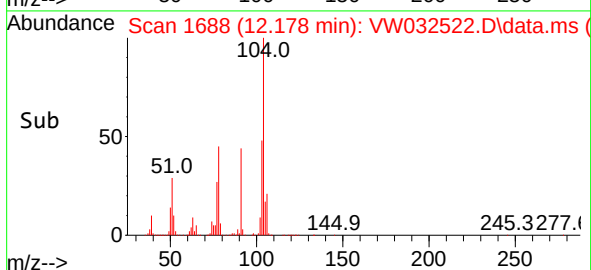
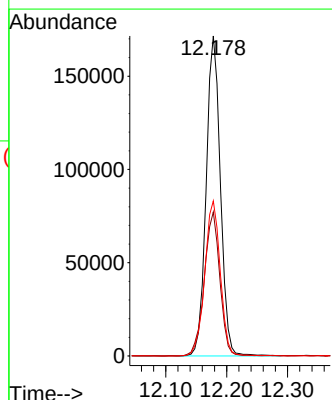
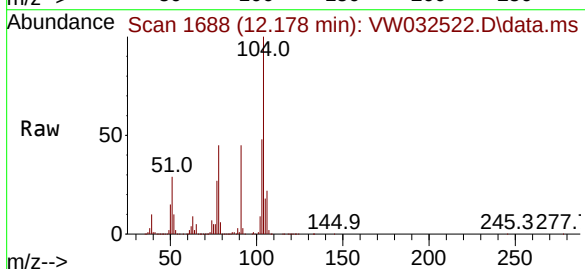
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

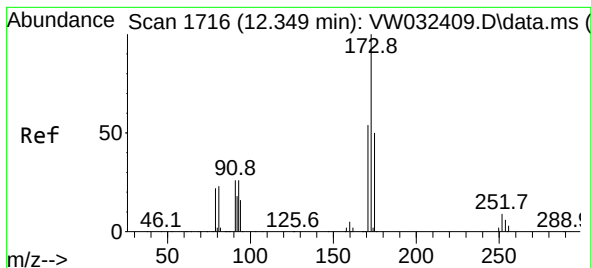
Tgt Ion:106 Resp: 157194
Ion Ratio Lower Upper
106 100
91 212.9 109.3 327.8



#70
Styrene
Concen: 20.801 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:104 Resp: 279689
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 52.9 43.9 65.9





#71

Bromoform

Concen: 18.067 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

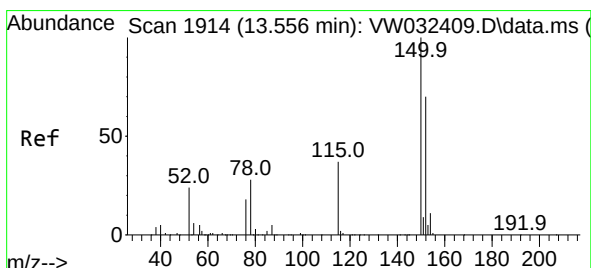
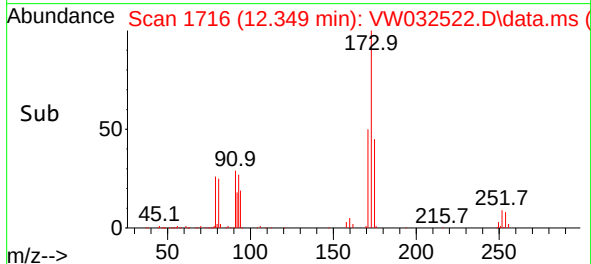
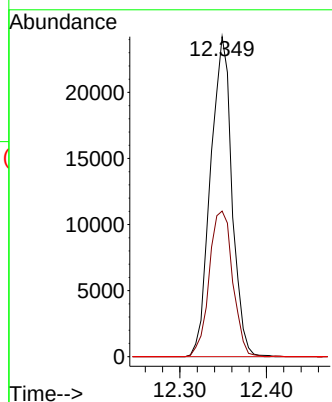
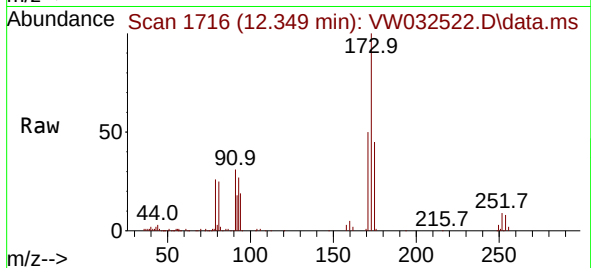
Tgt Ion:173 Resp: 41614

Ion Ratio Lower Upper

173 100

175 49.9 25.1 75.2

254 0.0 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: VW032522.D

Acq: 21 Nov 2025 13:21

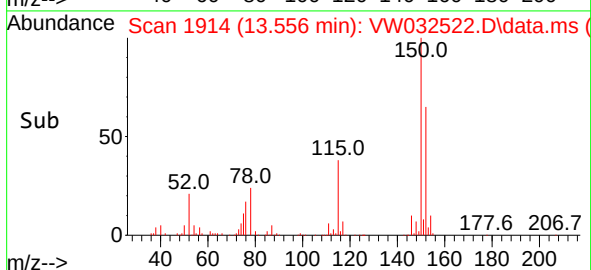
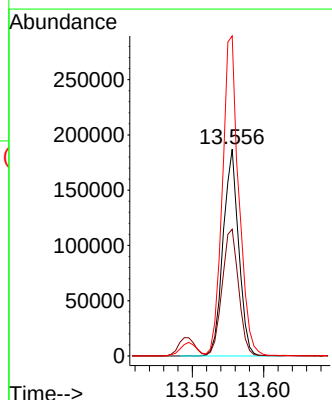
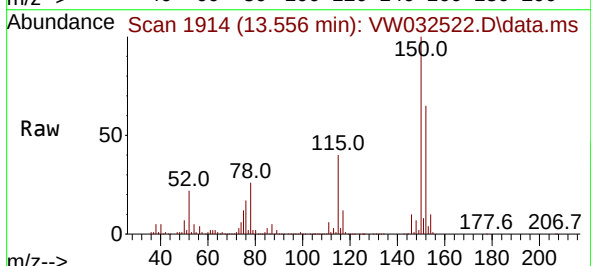
Tgt Ion:152 Resp: 282304

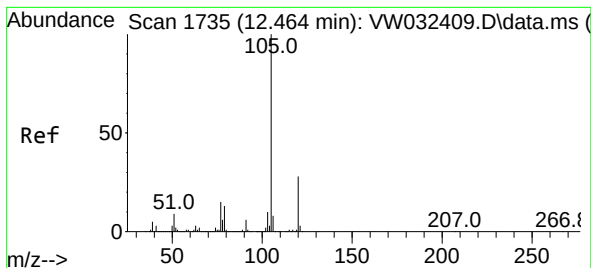
Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 163.9 0.0 356.6





#73

Isopropylbenzene

Concen: 18.842 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

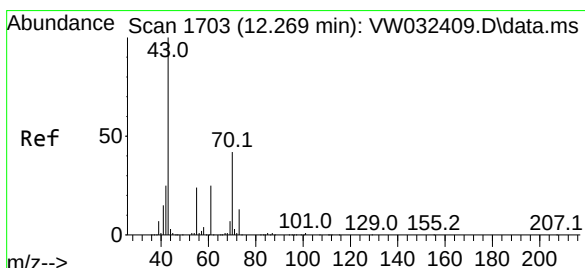
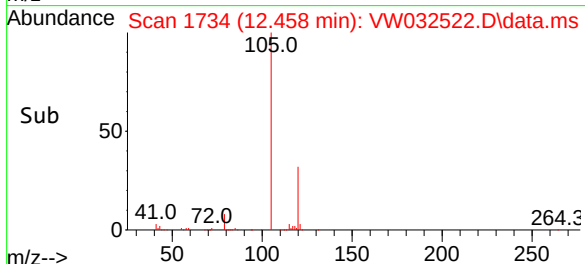
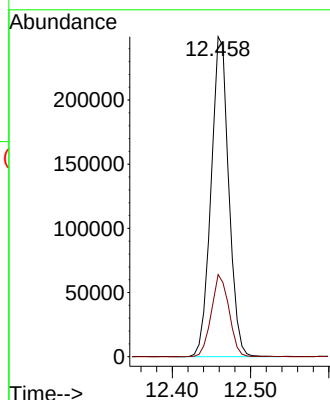
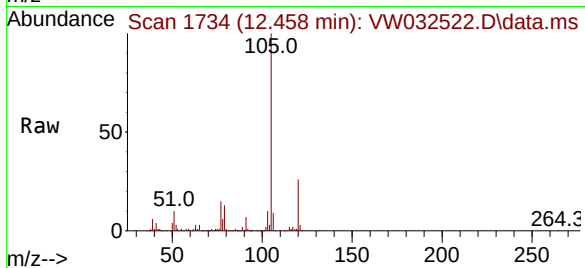
VW1121SBS01

Tgt Ion:105 Resp: 390667

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 18.512 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Tgt Ion: 43 Resp: 133372

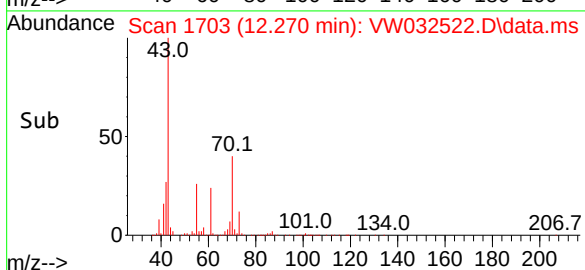
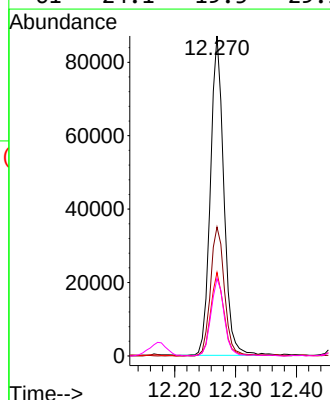
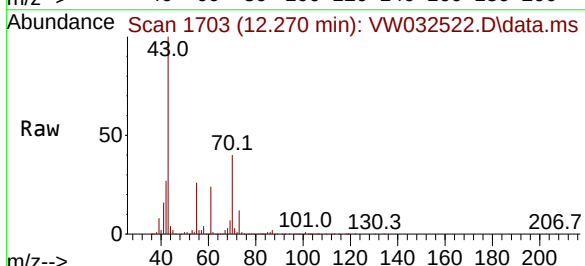
Ion Ratio Lower Upper

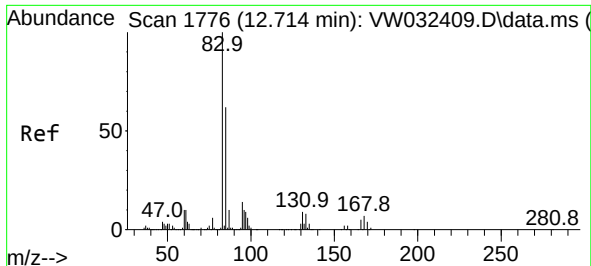
43 100

70 42.1 33.5 50.3

55 25.8 19.3 28.9

61 24.1 19.5 29.3

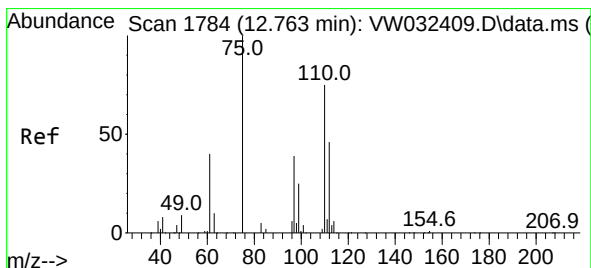
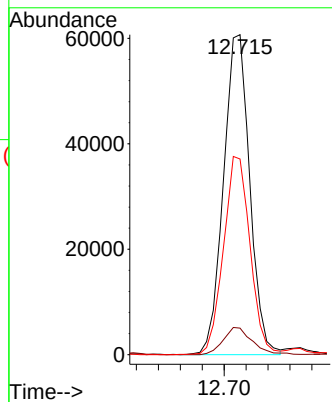
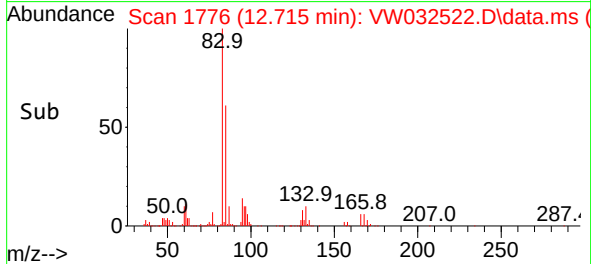
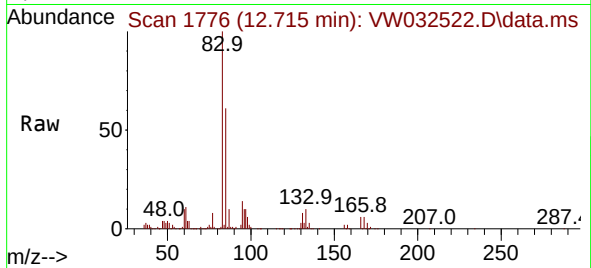




#75
1,1,2,2-Tetrachloroethane
Concen: 20.523 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

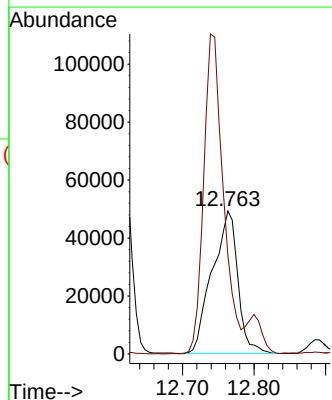
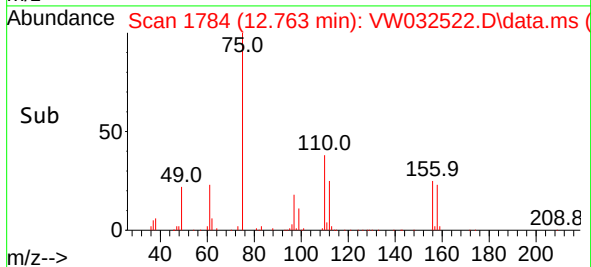
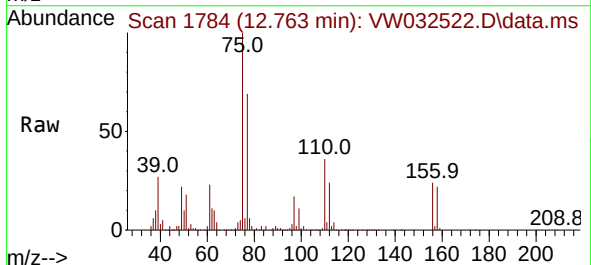
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

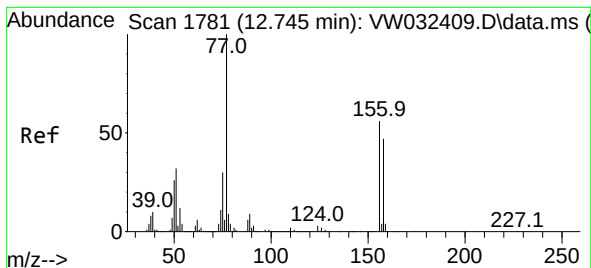
Tgt Ion: 83 Resp: 100986
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 62.8 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 31.623 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 75 Resp: 122407
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#





#77

Bromobenzene

Concen: 19.026 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

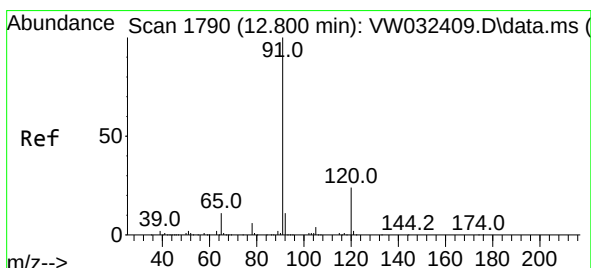
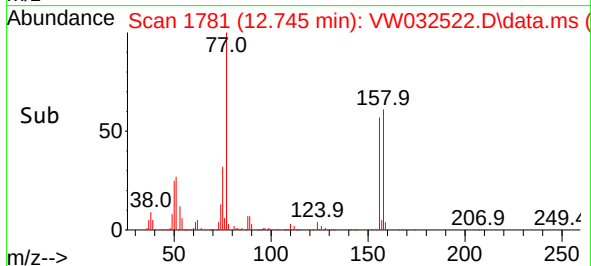
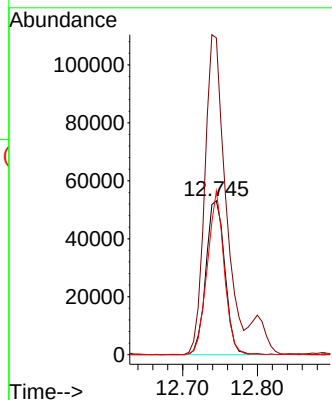
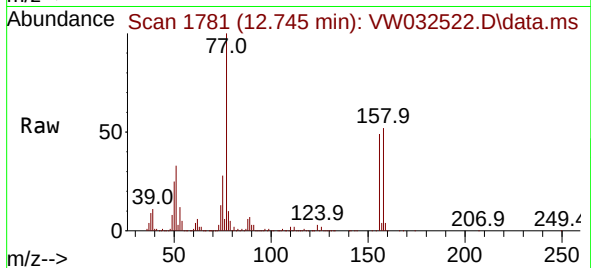
Tgt Ion:156 Resp: 93397

Ion Ratio Lower Upper

156 100

77 225.5 108.0 324.0

158 94.9 45.1 135.5



#78

n-propylbenzene

Concen: 19.689 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032522.D

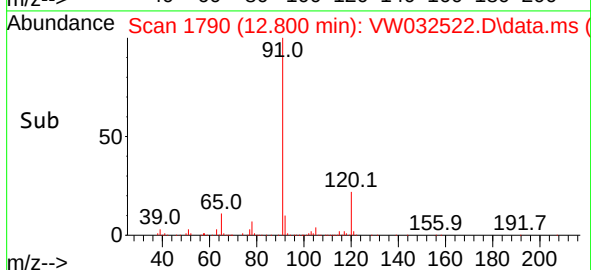
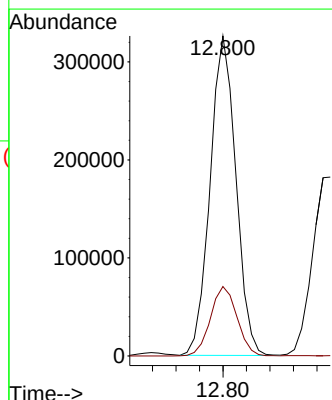
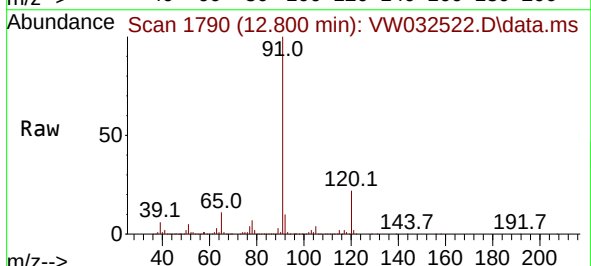
Acq: 21 Nov 2025 13:21

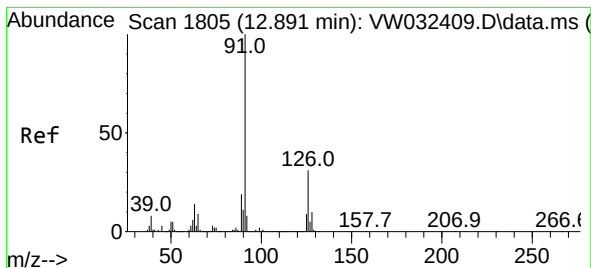
Tgt Ion: 91 Resp: 497124

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

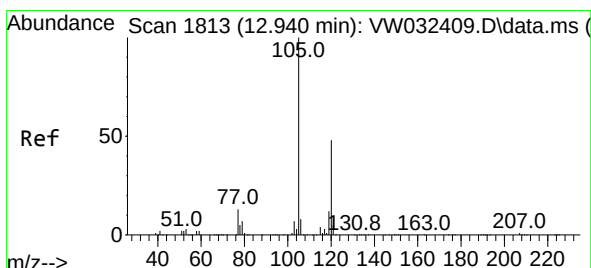
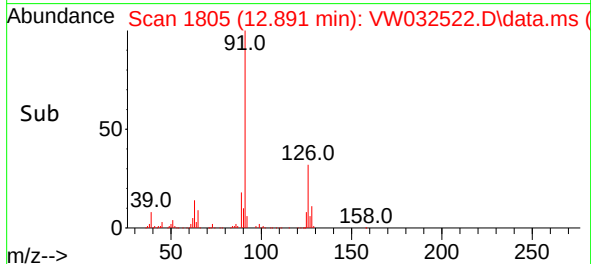
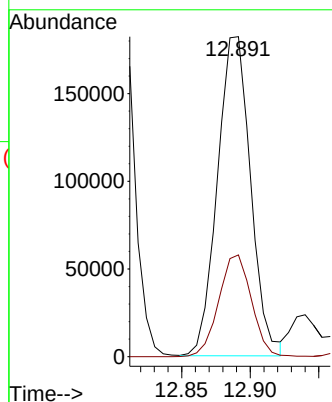
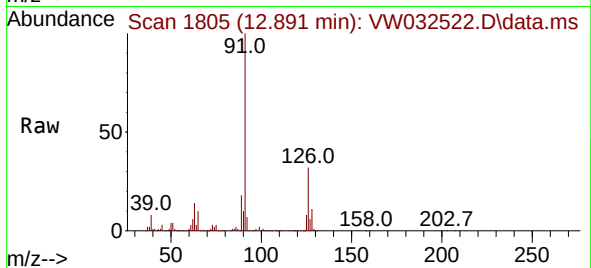




#79
2-Chlorotoluene
Concen: 19.927 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

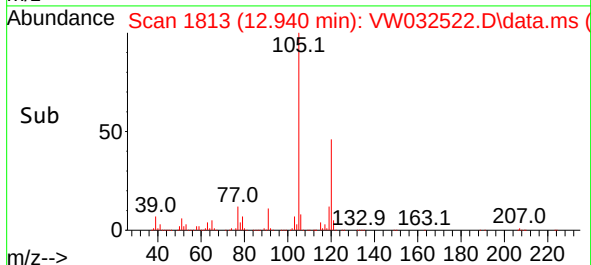
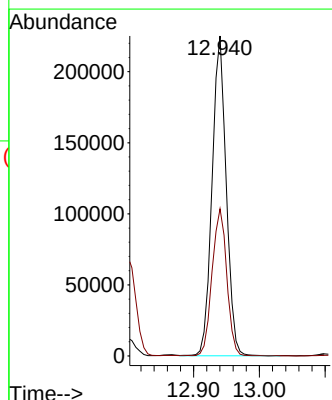
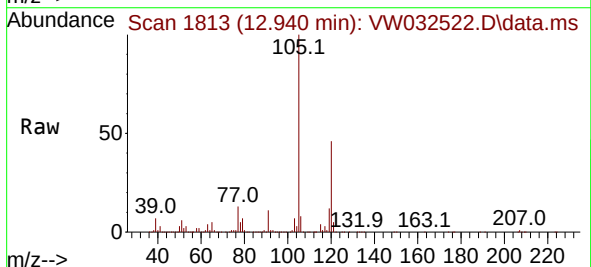
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

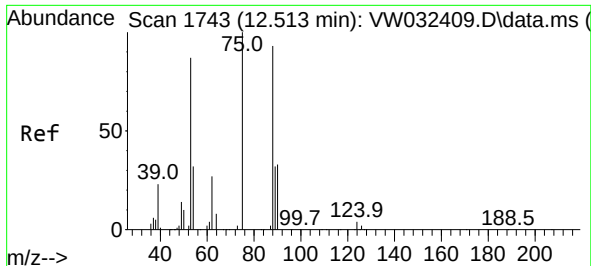
Tgt Ion: 91 Resp: 307140
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.695 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 105 Resp: 336876
Ion Ratio Lower Upper
105 100
120 47.5 24.2 72.6

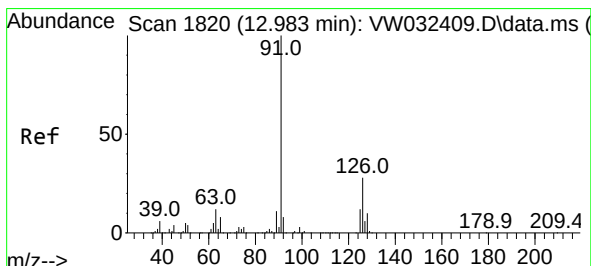
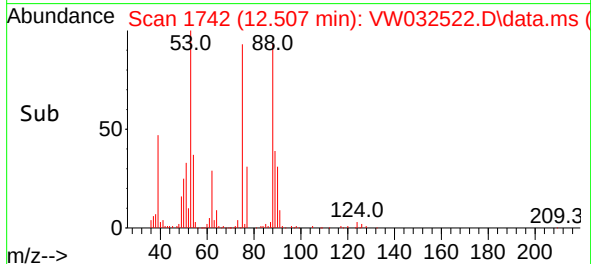
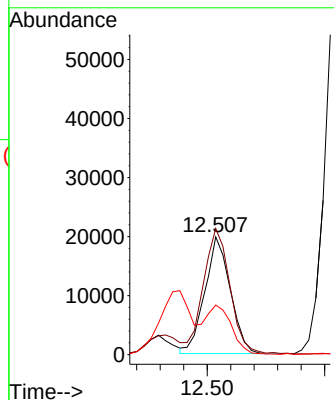
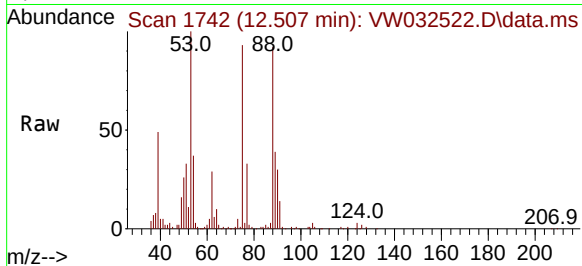




#81
trans-1,4-Dichloro-2-butene
Concen: 17.637 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

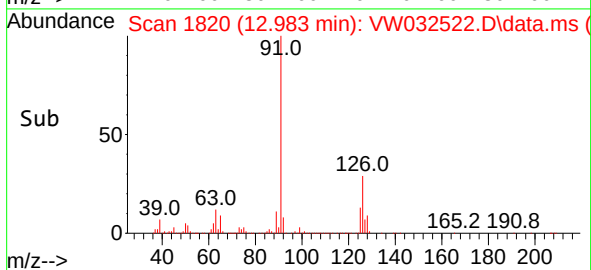
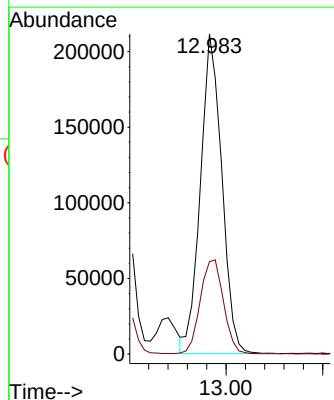
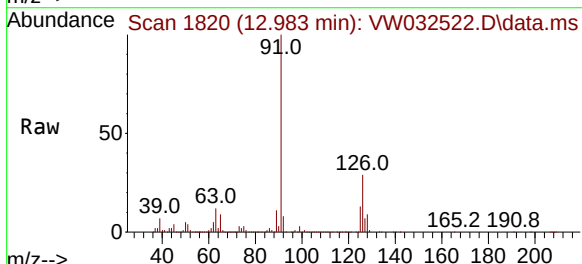
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

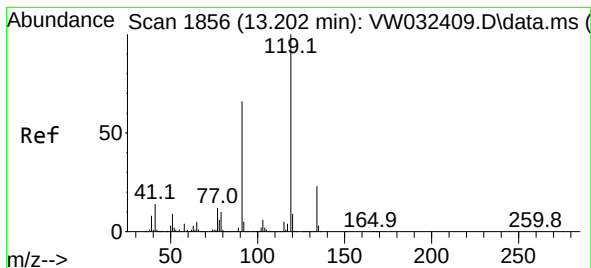
Tgt Ion: 75 Resp: 29806
Ion Ratio Lower Upper
75 100
53 114.7 77.8 116.8
89 40.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.260 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion: 91 Resp: 324792
Ion Ratio Lower Upper
91 100
126 32.2 15.5 46.5

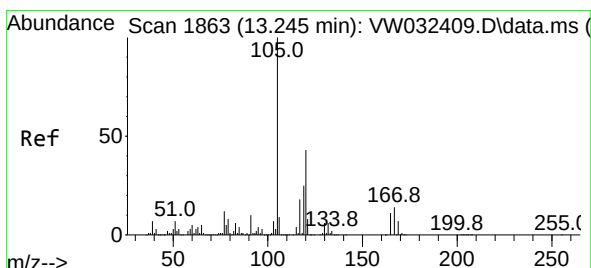
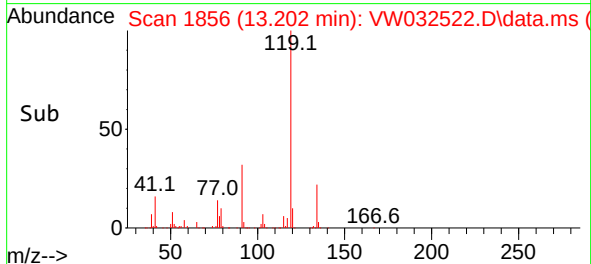
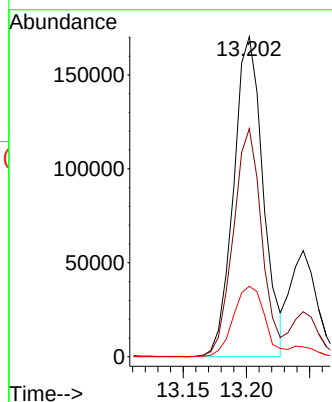
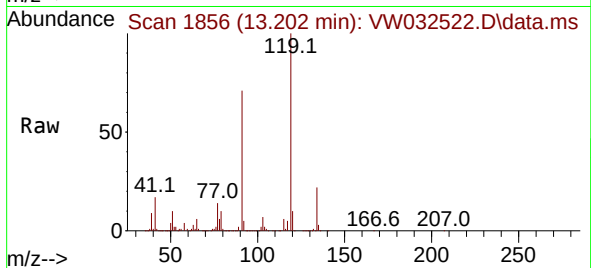




#83
 tert-Butylbenzene
 Concen: 18.634 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

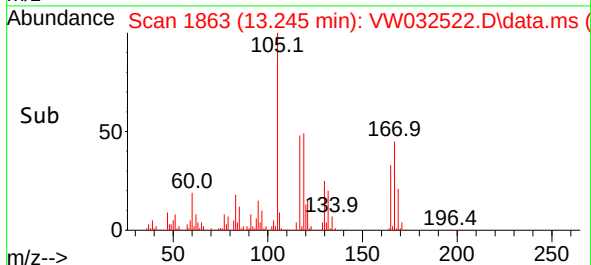
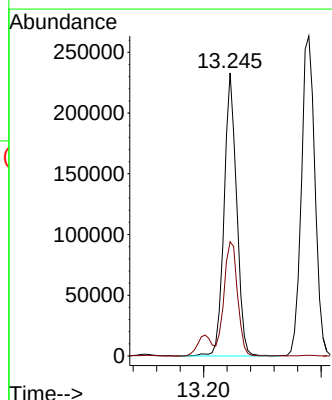
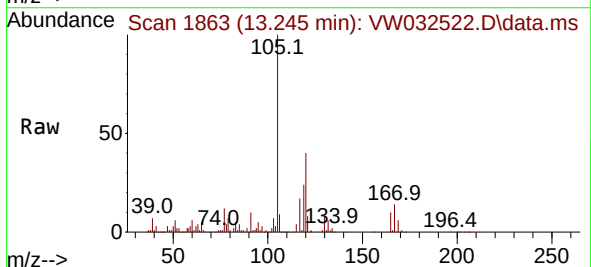
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

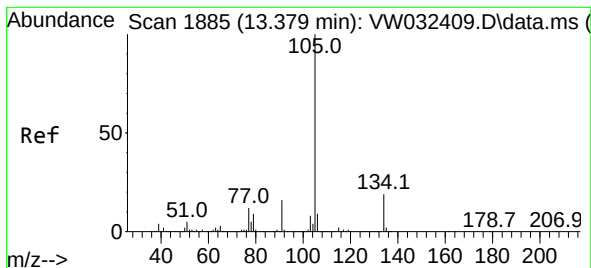
Tgt Ion:119 Resp: 277264
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.3 99.9
 134 23.6 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.791 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

Tgt Ion:105 Resp: 344326
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5

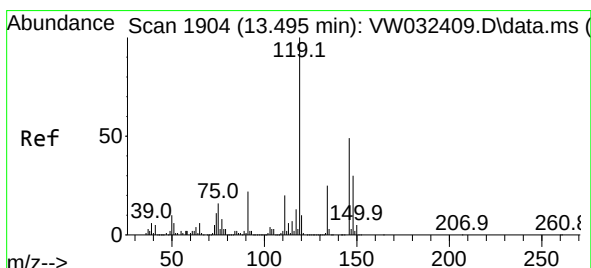
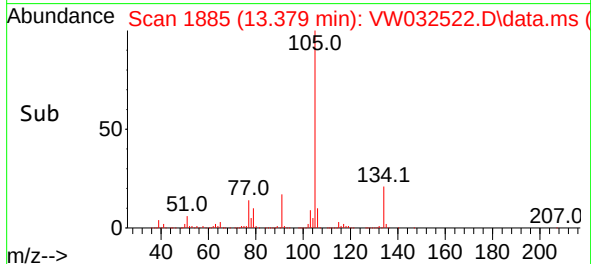
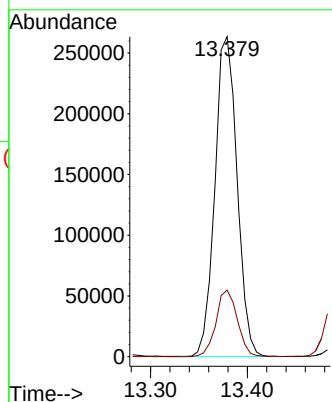
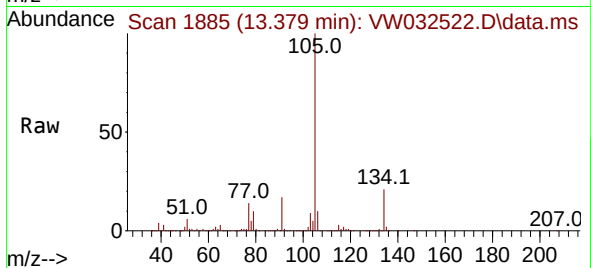




#85
 sec-Butylbenzene
 Concen: 18.942 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

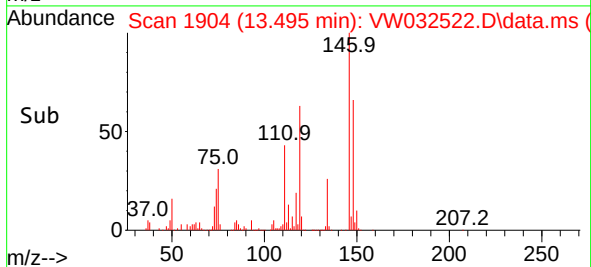
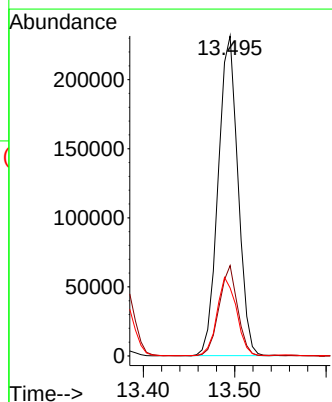
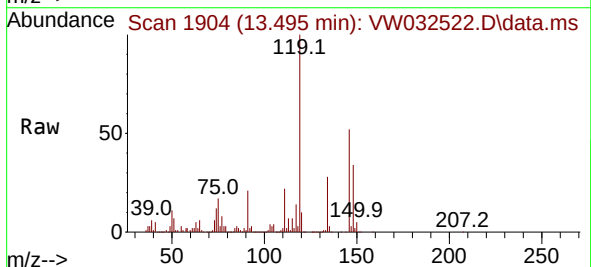
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

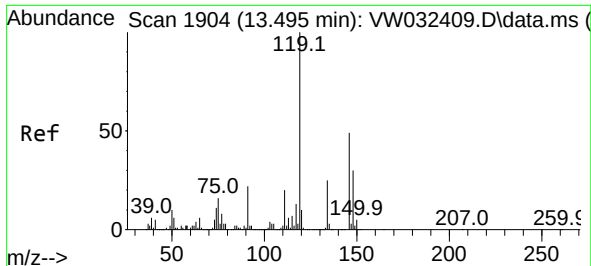
Tgt Ion:105 Resp: 419769
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.025 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032522.D
 Acq: 21 Nov 2025 13:21

Tgt Ion:119 Resp: 348101
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.1
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.622 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

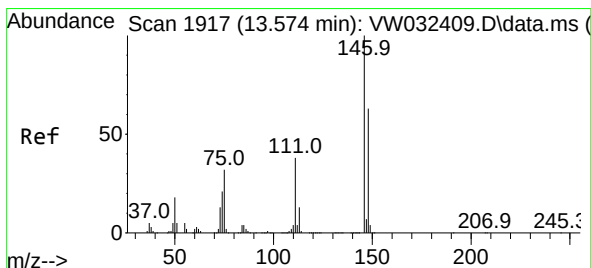
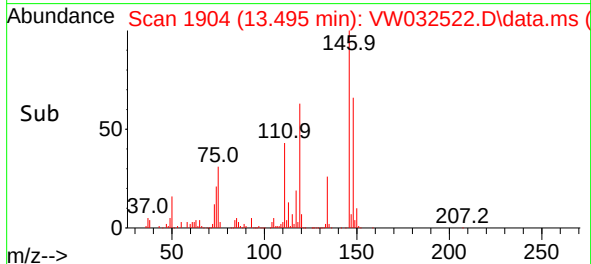
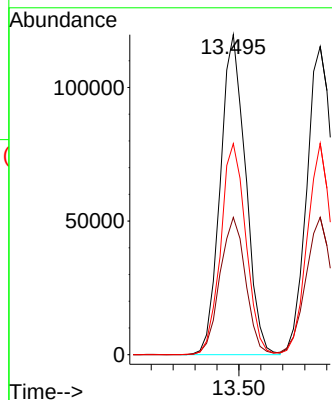
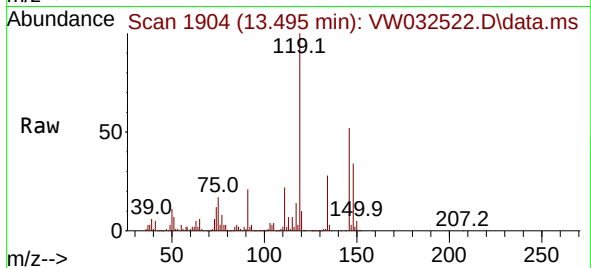
Tgt Ion:146 Resp: 191934

Ion Ratio Lower Upper

146 100

111 43.5 22.2 66.6

148 65.7 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.164 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

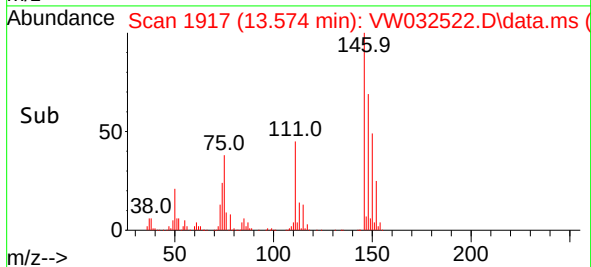
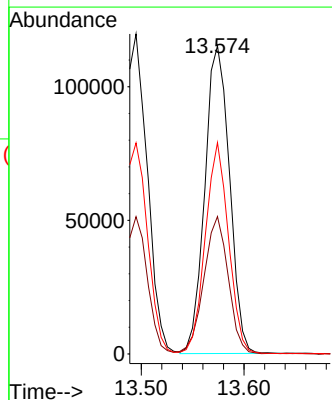
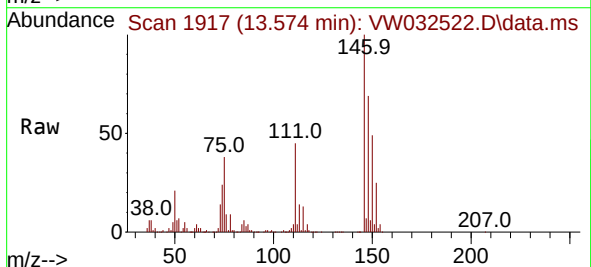
Tgt Ion:146 Resp: 192270

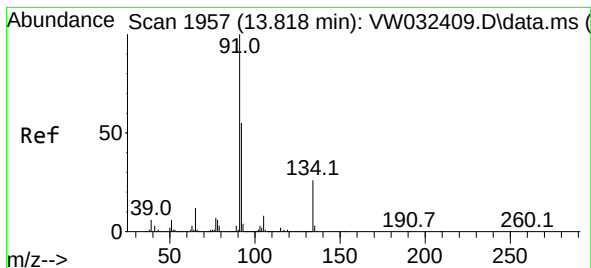
Ion Ratio Lower Upper

146 100

111 44.0 20.5 61.6

148 64.6 31.2 93.6





#89

n-Butylbenzene

Concen: 19.660 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

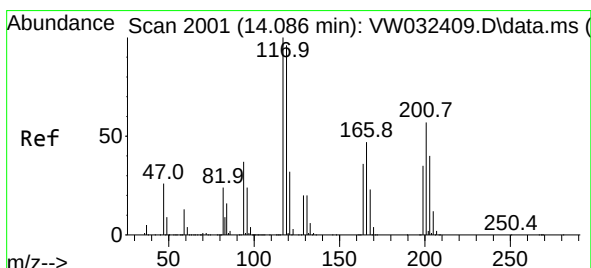
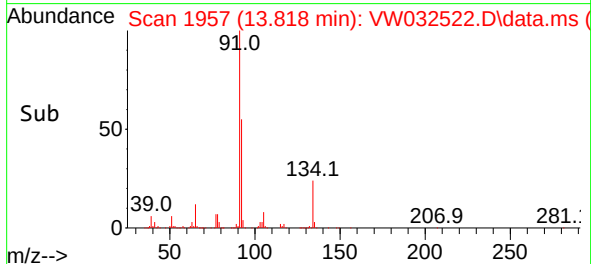
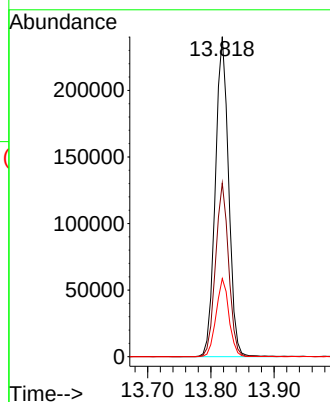
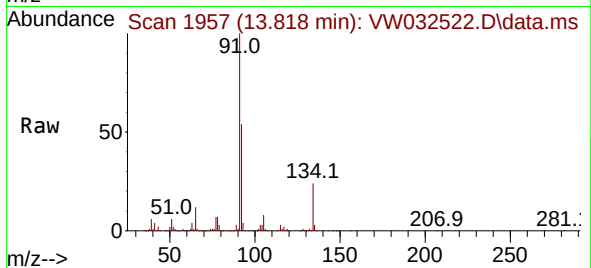
Tgt Ion: 91 Resp: 351431

Ion Ratio Lower Upper

91 100

92 53.3 27.4 82.2

134 23.7 12.4 37.4



#90

Hexachloroethane

Concen: 19.457 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032522.D

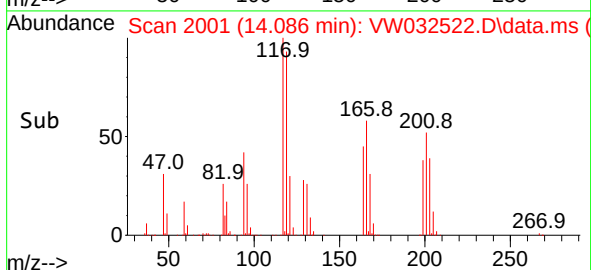
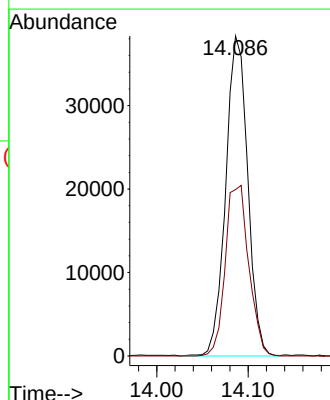
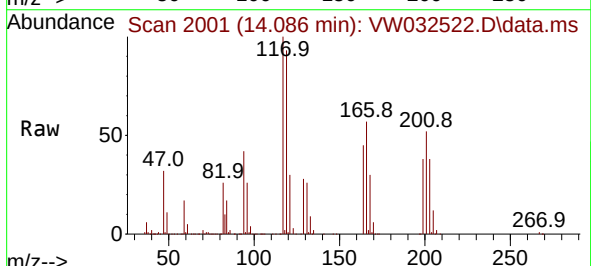
Acq: 21 Nov 2025 13:21

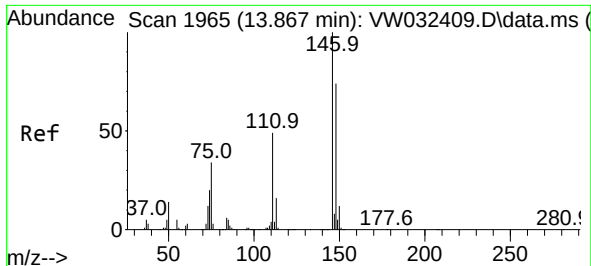
Tgt Ion: 117 Resp: 64187

Ion Ratio Lower Upper

117 100

201 57.0 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 20.183 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

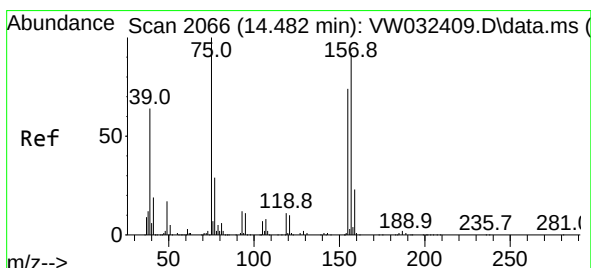
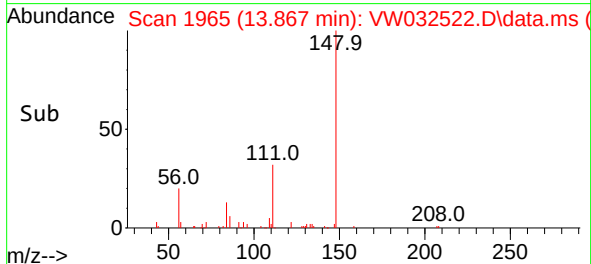
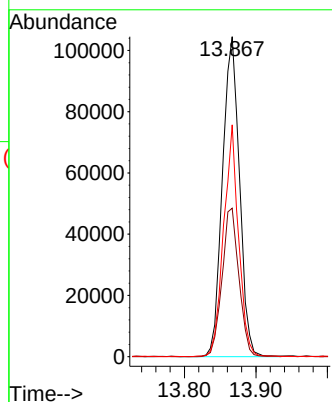
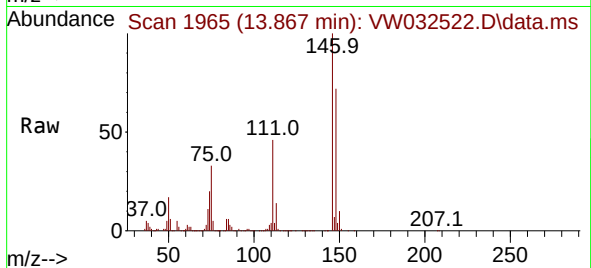
Tgt Ion:146 Resp: 172438

Ion Ratio Lower Upper

146 100

111 46.0 23.4 70.2

148 63.8 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.895 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

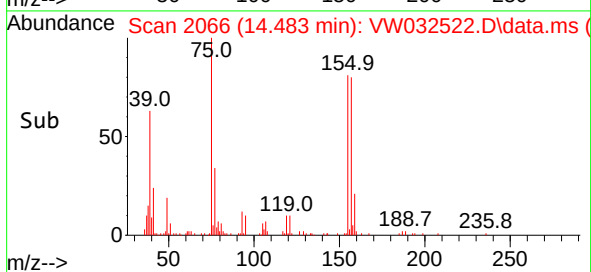
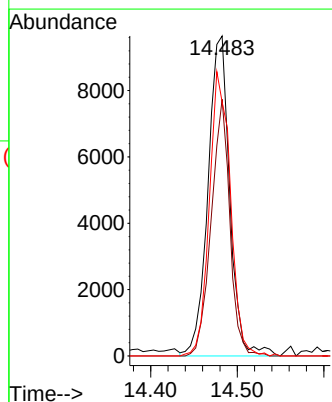
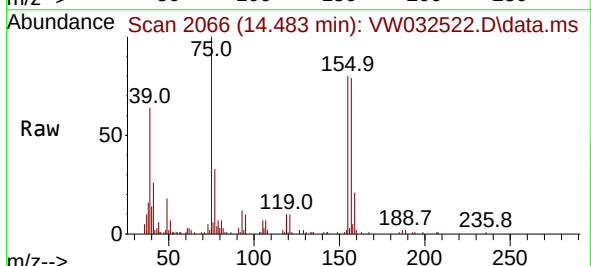
Tgt Ion: 75 Resp: 16864

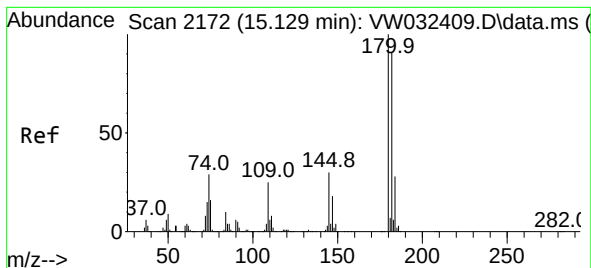
Ion Ratio Lower Upper

75 100

155 68.5 36.2 108.6

157 85.8 47.8 143.3

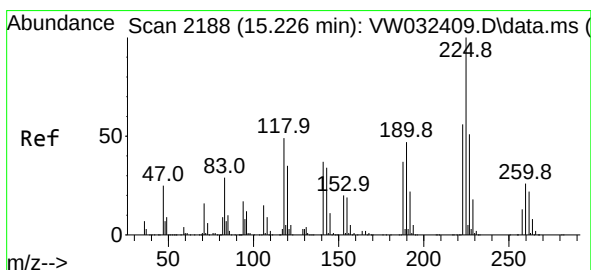
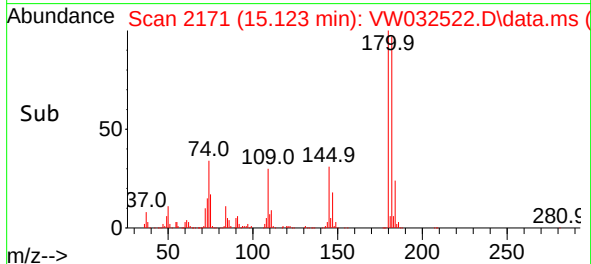
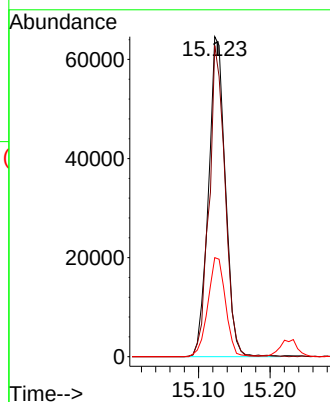
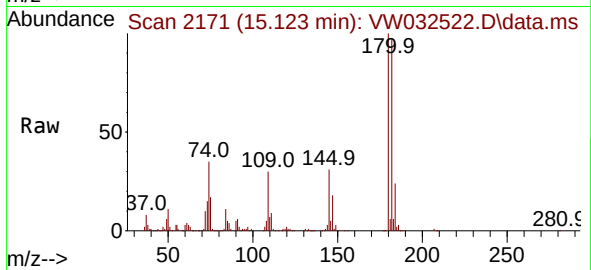




#93
1,2,4-Trichlorobenzene
Concen: 19.493 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

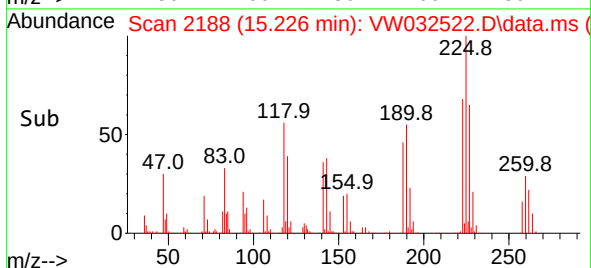
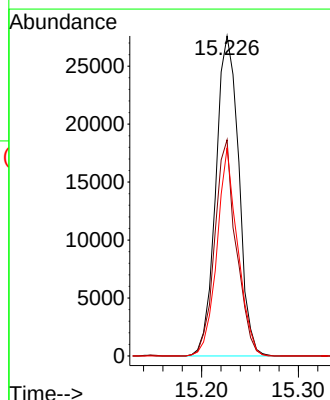
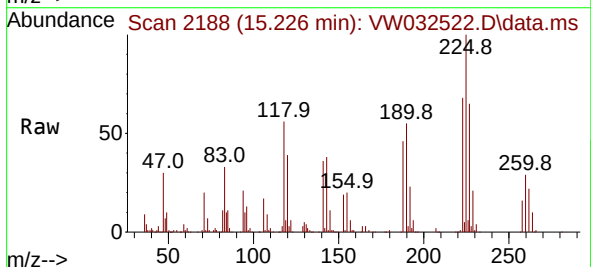
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

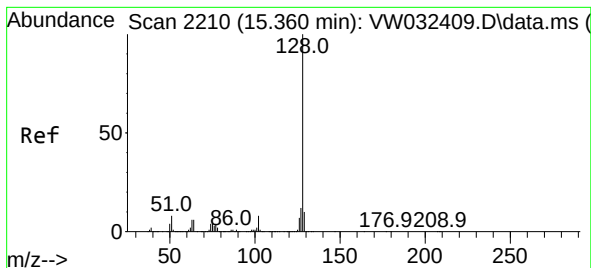
Tgt Ion:180 Resp: 105983
Ion Ratio Lower Upper
180 100
182 91.8 45.3 135.9
145 32.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.073 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032522.D
Acq: 21 Nov 2025 13:21

Tgt Ion:225 Resp: 45336
Ion Ratio Lower Upper
225 100
223 63.3 30.6 91.8
227 59.0 29.8 89.4





#95

Naphthalene

Concen: 17.850 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

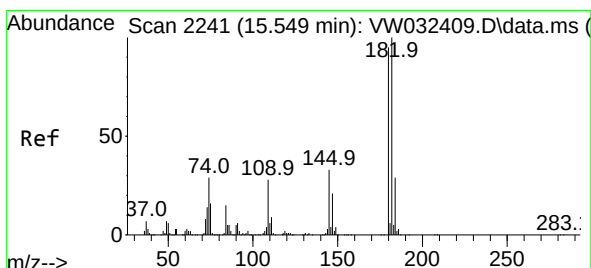
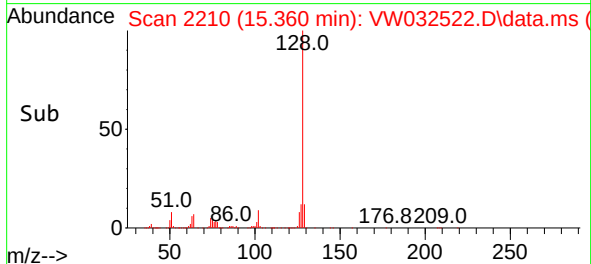
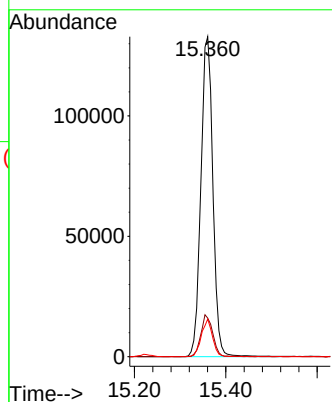
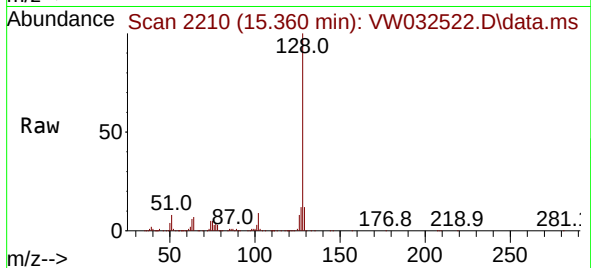
Tgt Ion:128 Resp: 242022

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.004 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032522.D

Acq: 21 Nov 2025 13:21

Tgt Ion:180 Resp: 93806

Ion Ratio Lower Upper

180 100

182 93.5 50.3 151.0

145 34.5 17.8 53.3

