

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032539.D
 Acq On : 26 Nov 2025 13:27
 Operator : SY/MD
 Sample : VW1126SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 00:27:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	335704	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	620682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	568775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	279860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	254292	58.755	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	117.500%
35) Dibromofluoromethane	7.898	113	200637	53.990	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	107.980%
50) Toluene-d8	10.325	98	741058	51.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.617	95	289278	53.714	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	107.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	41969	24.641	ug/l	98
3) Chloromethane	2.259	50	68175	23.352	ug/l	99
4) Vinyl Chloride	2.405	62	84422	22.913	ug/l	100
5) Bromomethane	2.820	94	58195	23.612	ug/l	89
6) Chloroethane	2.972	64	56686	23.515	ug/l	99
7) Trichlorofluoromethane	3.302	101	65655	22.728	ug/l	97
8) Diethyl Ether	3.722	74	54750	23.181	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	75232	23.908	ug/l	97
10) Methyl Iodide	4.314	142	105445	20.805	ug/l	97
11) Tert butyl alcohol	5.216	59	46100	123.181	ug/l	98
12) 1,1-Dichloroethene	4.082	96	82307	22.810	ug/l	95
13) Acrolein	3.929	56	48408	77.094	ug/l	100
14) Allyl chloride	4.704	41	150732	21.722	ug/l	96
15) Acrylonitrile	5.399	53	156692	114.746	ug/l	98
16) Acetone	4.161	43	174379	134.672	ug/l	95
17) Carbon Disulfide	4.423	76	223487	20.956	ug/l	100
18) Methyl Acetate	4.704	43	80468	25.096	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	165385	21.743	ug/l	98
20) Methylene Chloride	4.948	84	114818	24.795	ug/l	94
21) trans-1,2-Dichloroethene	5.466	96	90110	21.840	ug/l	95
22) Diisopropyl ether	6.344	45	328202	23.230	ug/l	99
23) Vinyl Acetate	6.283	43	1103246	113.976	ug/l	98
24) 1,1-Dichloroethane	6.240	63	184463	23.831	ug/l	98
25) 2-Butanone	7.191	43	228179	119.614	ug/l	98
26) 2,2-Dichloropropane	7.191	77	99602	23.089	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	108260	21.960	ug/l	93
28) Bromochloromethane	7.532	49	87968	24.045	ug/l	94
29) Tetrahydrofuran	7.551	42	144042	118.966	ug/l	97
30) Chloroform	7.691	83	184812	24.389	ug/l	96
31) Cyclohexane	7.971	56	156380	21.840	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	128265	23.695	ug/l	94
36) 1,1-Dichloropropene	8.093	75	125691	22.956	ug/l	99
37) Ethyl Acetate	7.276	43	97927	24.052	ug/l	98
38) Carbon Tetrachloride	8.081	117	114621	23.560	ug/l	95
39) Methylcyclohexane	9.343	83	146832	20.700	ug/l	93
40) Benzene	8.337	78	402128	22.806	ug/l	100

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	48939	21.881	ug/l	97
42) 1,2-Dichloroethane	8.410	62	131966	25.480	ug/l	99
43) Isopropyl Acetate	8.435	43	167947	23.296	ug/l	98
44) Trichloroethene	9.099	130	86247	21.020	ug/l	95
45) 1,2-Dichloropropane	9.374	63	103587	23.593	ug/l	98
46) Dibromomethane	9.465	93	62369	24.309	ug/l	98
47) Bromodichloromethane	9.648	83	140637	24.030	ug/l	99
48) Methyl methacrylate	9.441	41	74918	21.869	ug/l	95
49) 1,4-Dioxane	9.465	88	17207	478.738	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	492057	123.462	ug/l	96
52) Toluene	10.392	92	248119	22.781	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	134854	22.373	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	152438	21.869	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	83698	23.780	ug/l	97
56) Ethyl methacrylate	10.648	69	112805	20.888	ug/l	93
57) 1,3-Dichloropropane	10.934	76	147192	23.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	330271	114.836	ug/l	99
59) 2-Hexanone	10.971	43	345026	118.324	ug/l	97
60) Dibromochloromethane	11.135	129	89346	22.731	ug/l	99
61) 1,2-Dibromoethane	11.233	107	79173	23.095	ug/l	100
64) Tetrachloroethene	10.861	164	70794	21.019	ug/l	94
65) Chlorobenzene	11.654	112	268839	21.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85748	22.601	ug/l	98
67) Ethyl Benzene	11.733	91	450136	21.221	ug/l	100
68) m/p-Xylenes	11.837	106	356130	44.716	ug/l	95
69) o-Xylene	12.166	106	158809	20.826	ug/l	96
70) Styrene	12.178	104	288062	21.959	ug/l	99
71) Bromoform	12.349	173	49936	22.221	ug/l #	95
73) Isopropylbenzene	12.464	105	404944	19.702	ug/l	99
74) N-amyl acetate	12.269	43	150925	21.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	109057	22.357	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	133713	34.845	ug/l #	1
77) Bromobenzene	12.745	156	96460	19.821	ug/l	88
78) n-propylbenzene	12.800	91	528028	21.095	ug/l	98
79) 2-Chlorotoluene	12.885	91	318930	20.872	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	354541	20.908	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	34136	20.375	ug/l	90
82) 4-Chlorotoluene	12.983	91	341978	21.518	ug/l	99
83) tert-Butylbenzene	13.202	119	294278	19.950	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	353468	20.494	ug/l	98
85) sec-Butylbenzene	13.379	105	444665	20.241	ug/l	100
86) p-Isopropyltoluene	13.495	119	369689	20.381	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	210184	22.780	ug/l	91
88) 1,4-Dichlorobenzene	13.574	146	213417	22.577	ug/l	99
89) n-Butylbenzene	13.818	91	360092	20.320	ug/l	99
90) Hexachloroethane	14.086	117	70341	21.509	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	185394	21.888	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18507	22.024	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	104896	19.461	ug/l	92
94) Hexachlorobutadiene	15.226	225	50470	22.542	ug/l	96
95) Naphthalene	15.360	128	258122	19.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	101723	20.788	ug/l	91

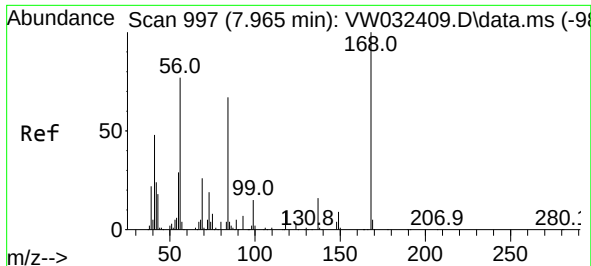
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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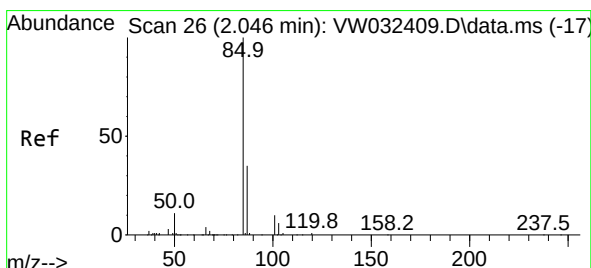
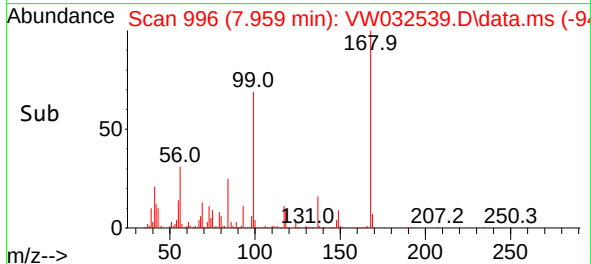
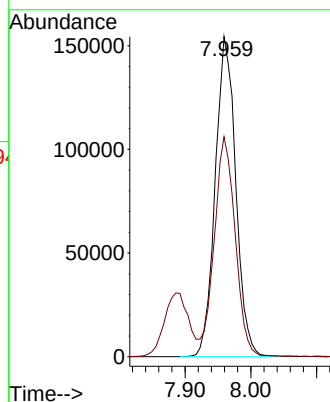
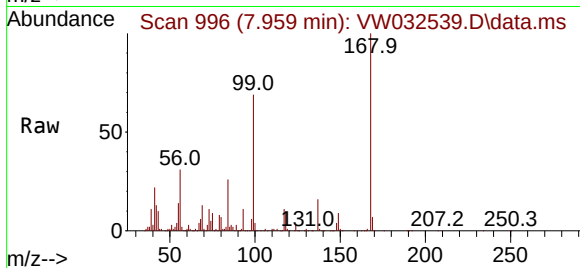
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

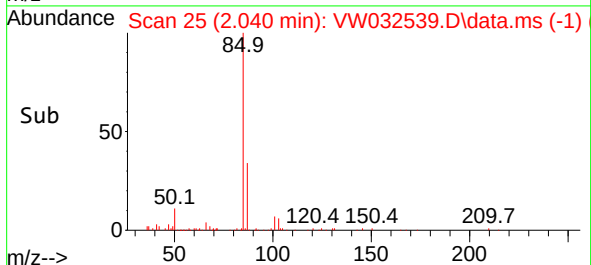
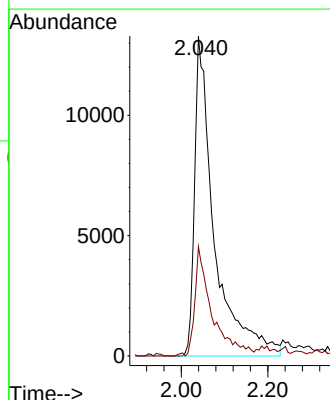
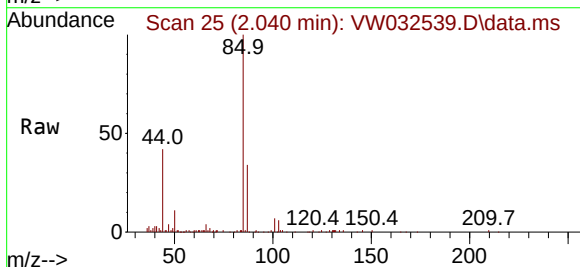
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MSVOA_W
ClientSampleId :

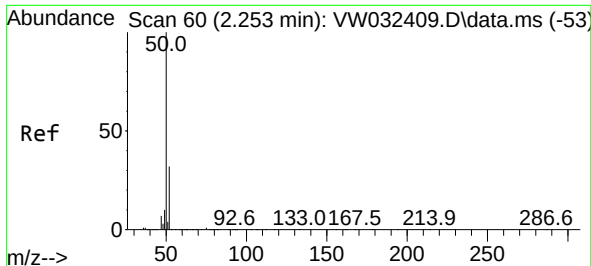
Tgt Ion:168 Resp: 335704
Ion Ratio Lower Upper
168 100
99 68.5 45.4 68.2#



#2
Dichlorodifluoromethane
Concen: 24.641 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 85 Resp: 41969
Ion Ratio Lower Upper
85 100
87 33.4 17.4 52.2

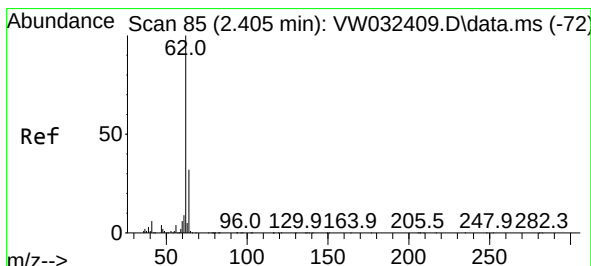
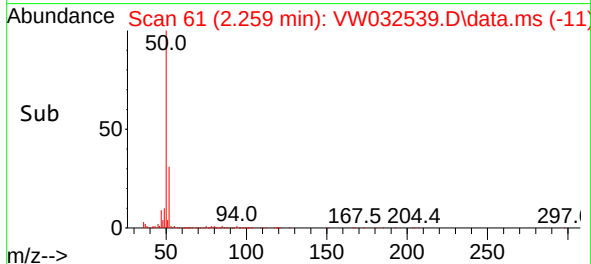
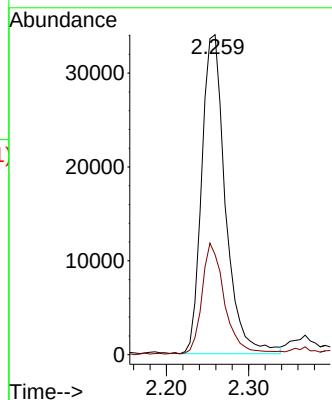
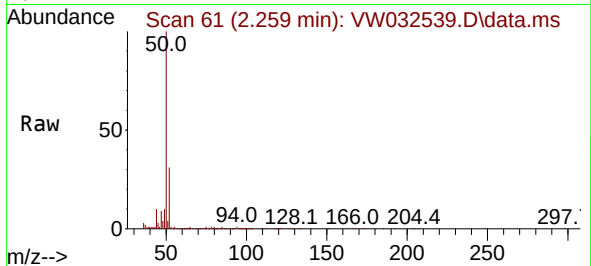




#3
Chloromethane
Concen: 23.352 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

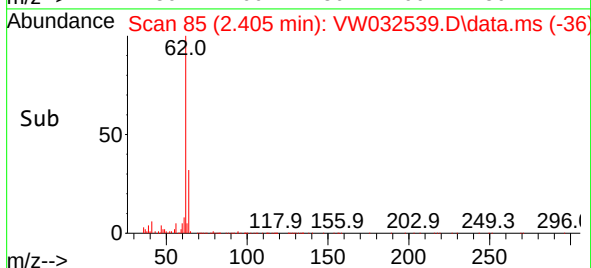
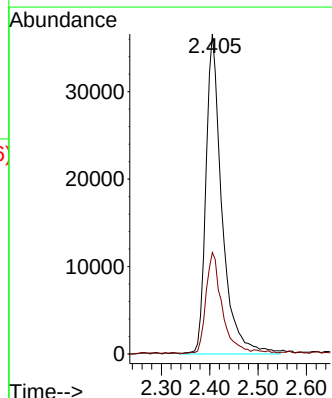
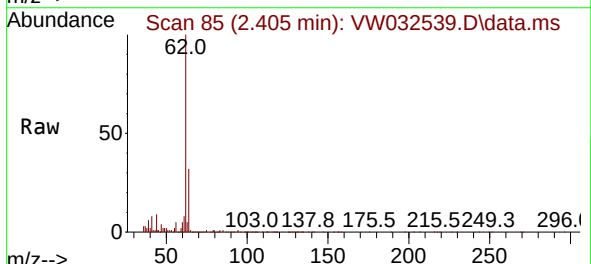
Instrument :
MSVOA_W
ClientSampleId :

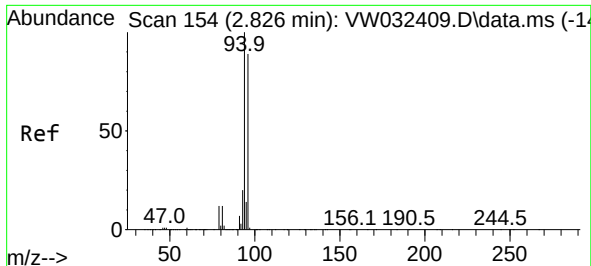
Tgt Ion: 50 Resp: 68175
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3



#4
Vinyl Chloride
Concen: 22.913 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 62 Resp: 84422
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

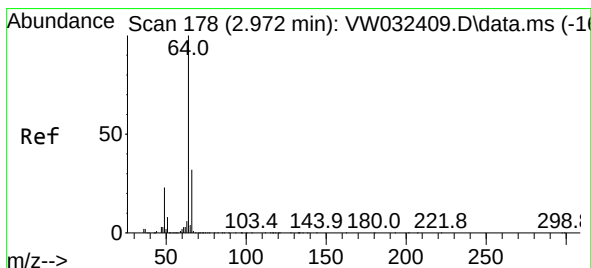
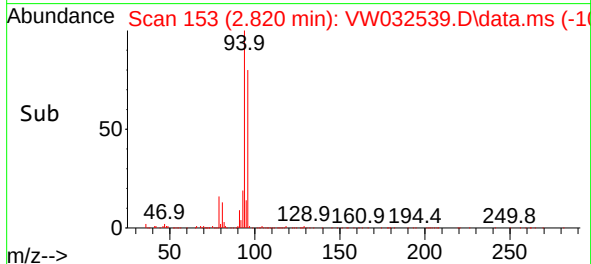
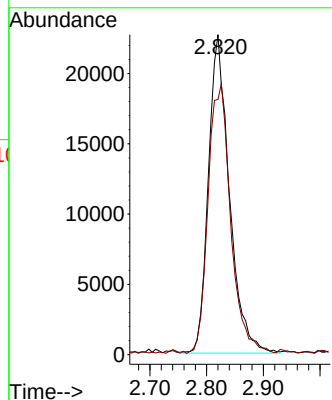
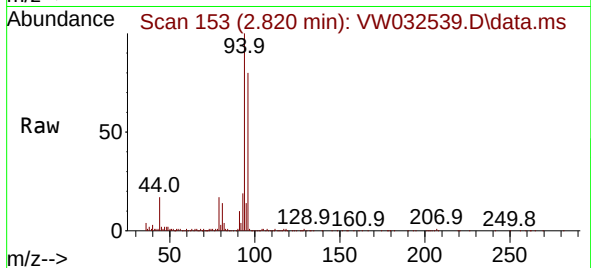




#5
Bromomethane
Concen: 23.612 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

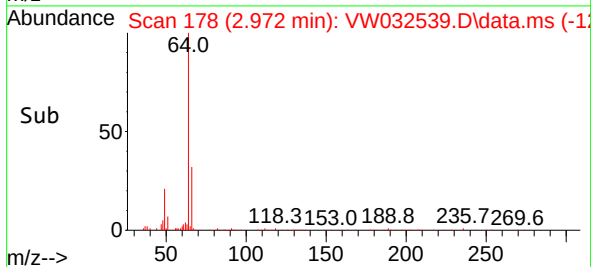
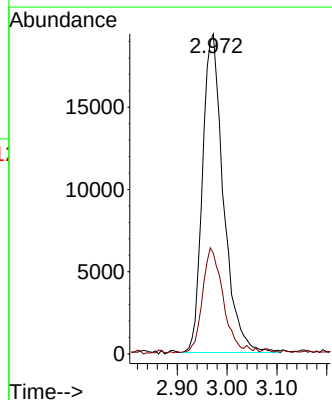
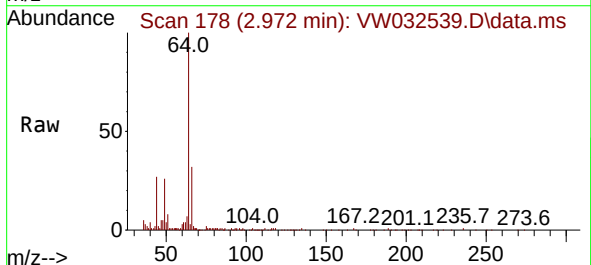
Instrument :
MSVOA_W
ClientSampleId :

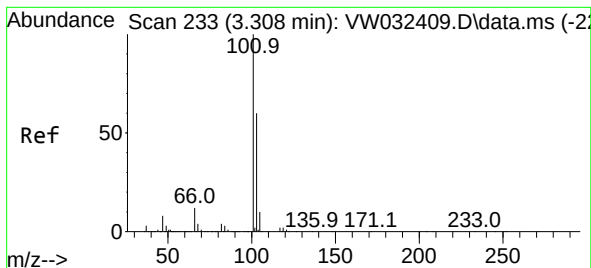
Tgt Ion: 94 Resp: 58195
Ion Ratio Lower Upper
94 100
96 79.4 71.4 107.2



#6
Chloroethane
Concen: 23.515 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 64 Resp: 56686
Ion Ratio Lower Upper
64 100
66 31.3 25.6 38.4





#7

Trichlorofluoromethane

Concen: 22.728 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

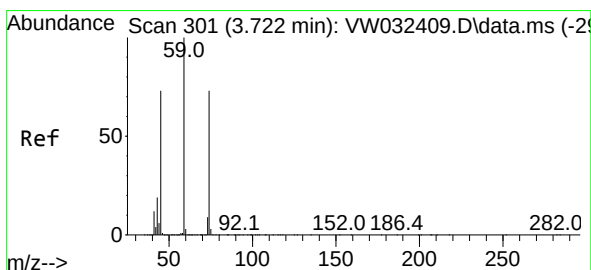
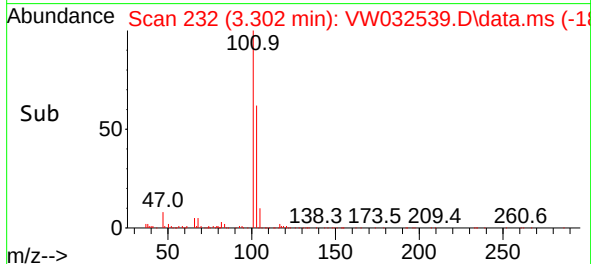
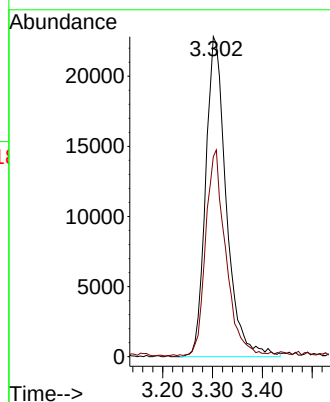
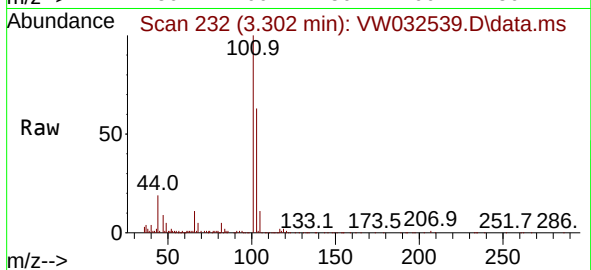
ClientSampleId :

Tgt Ion:101 Resp: 65655

Ion Ratio Lower Upper

101 100

103 61.9 48.0 72.0



#8

Diethyl Ether

Concen: 23.181 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032539.D

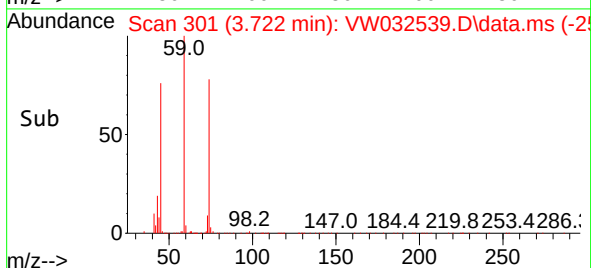
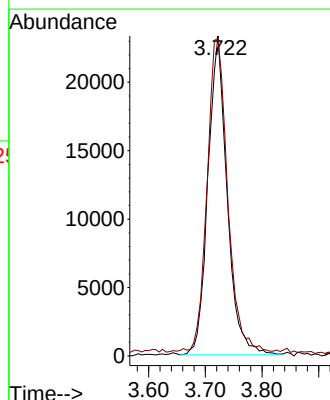
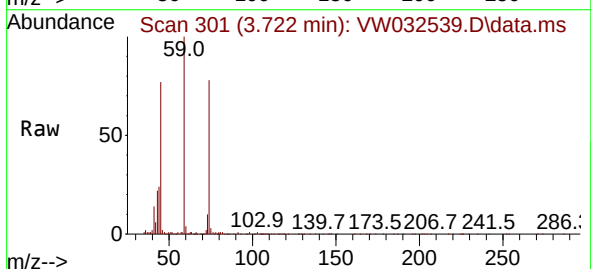
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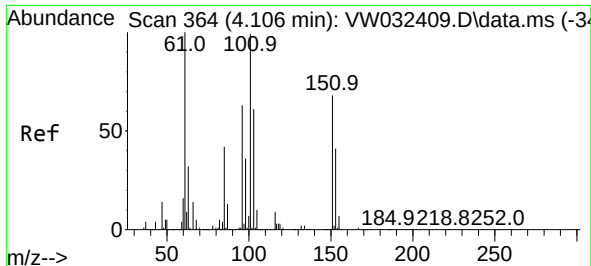
Tgt Ion: 74 Resp: 54750

Ion Ratio Lower Upper

74 100

45 105.0 51.8 155.4

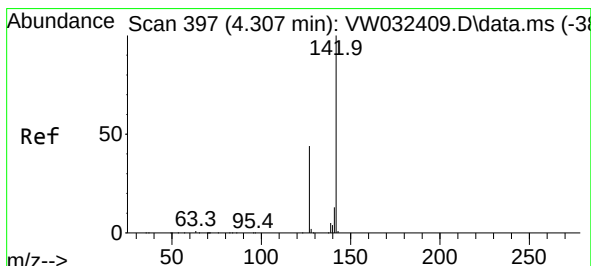
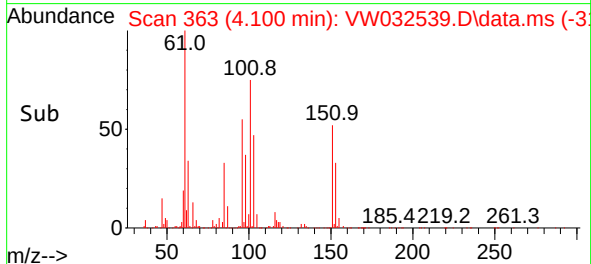
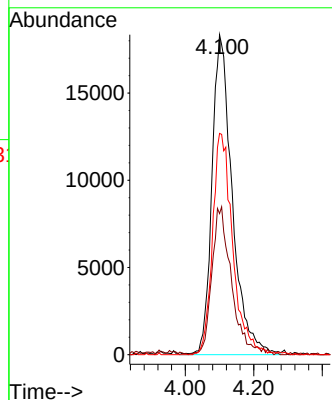
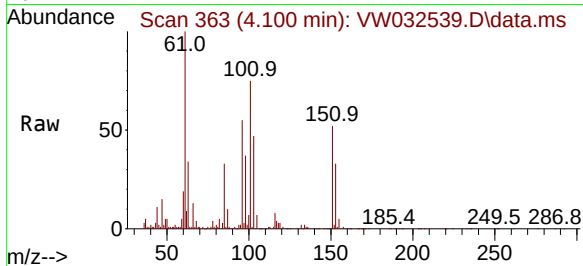




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.908 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032539.D
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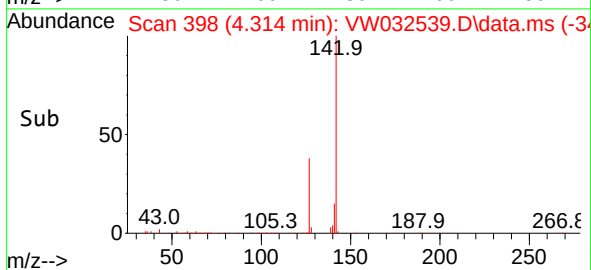
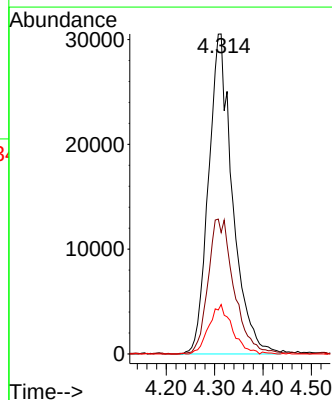
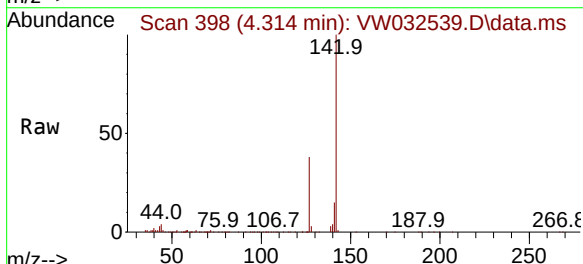
Instrument :
MSVOA_W
ClientSampleId :

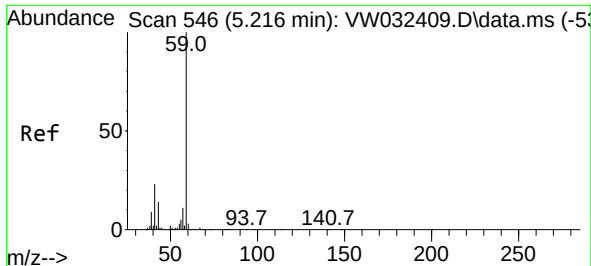
Tgt Ion:101 Resp: 75232
Ion Ratio Lower Upper
101 100
85 45.0 34.1 51.1
151 68.7 56.4 84.6



#10
Methyl Iodide
Concen: 20.805 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:142 Resp: 105445
Ion Ratio Lower Upper
142 100
127 45.5 34.2 51.2
141 15.0 11.8 17.8

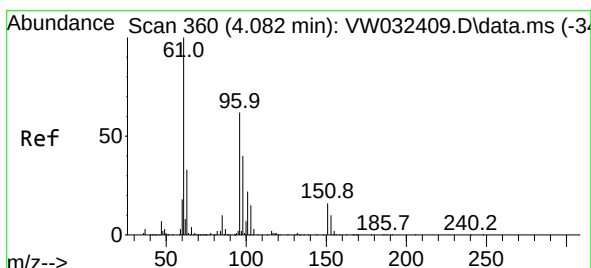
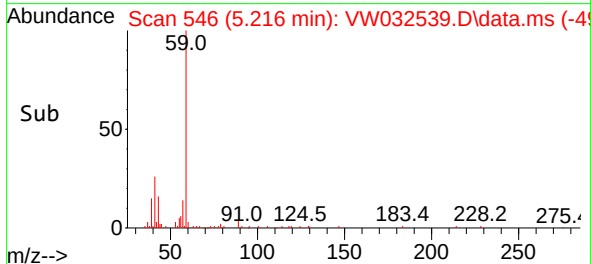
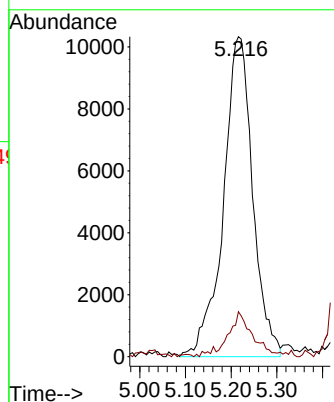
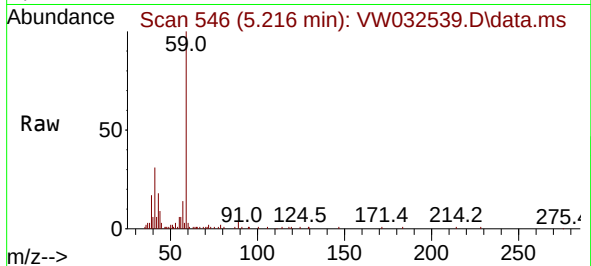




#11
Tert butyl alcohol
Concen: 123.181 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

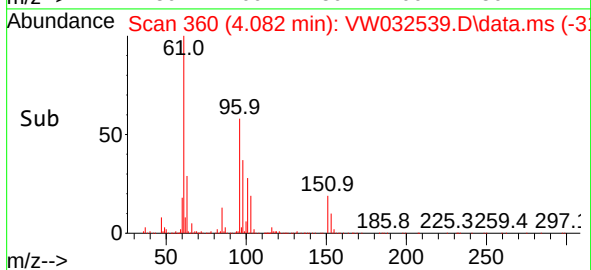
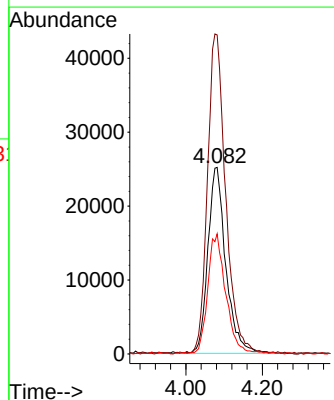
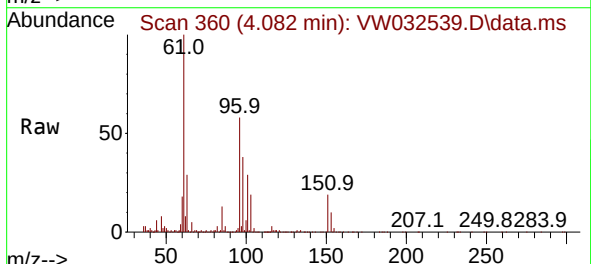
Instrument :
MSVOA_W
ClientSampleId :

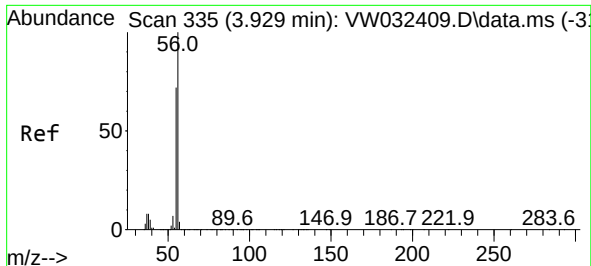
Tgt Ion: 59 Resp: 46100
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 22.810 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 96 Resp: 82307
Ion Ratio Lower Upper
96 100
61 171.0 129.0 193.6
98 64.3 51.1 76.7

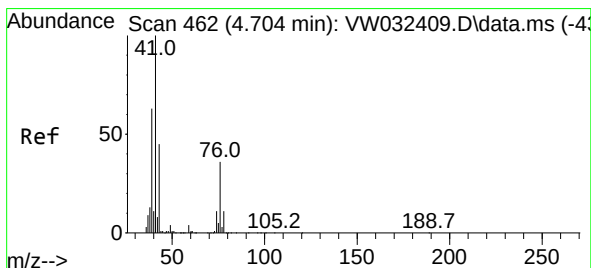
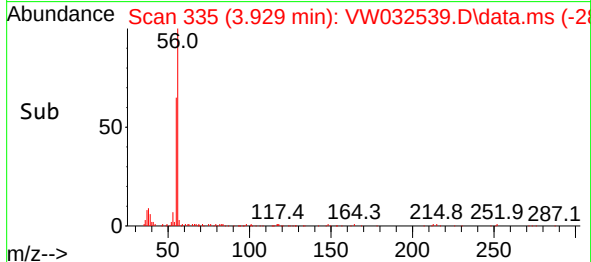
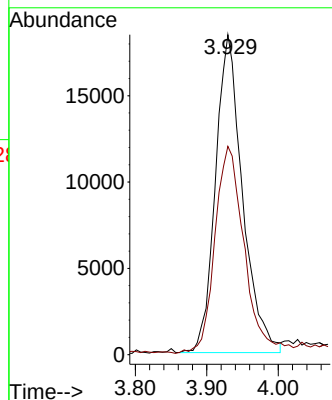
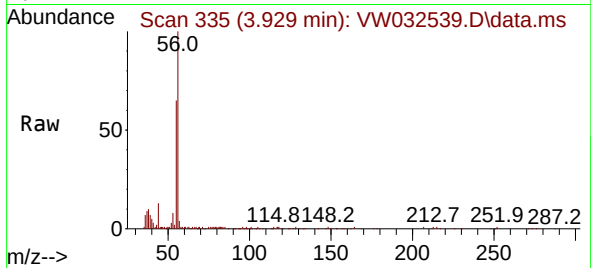




#13
Acrolein
Concen: 77.094 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

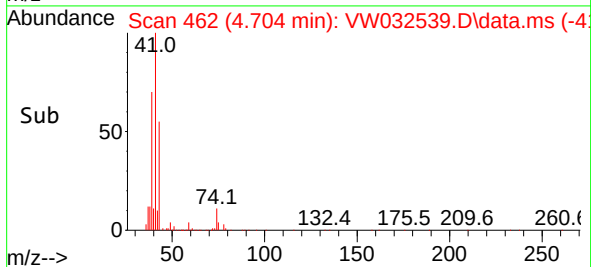
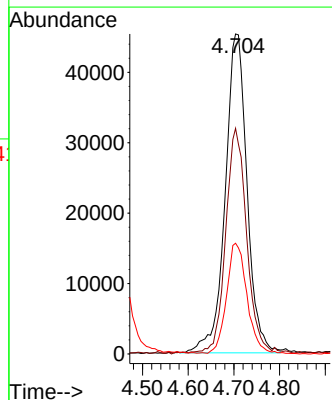
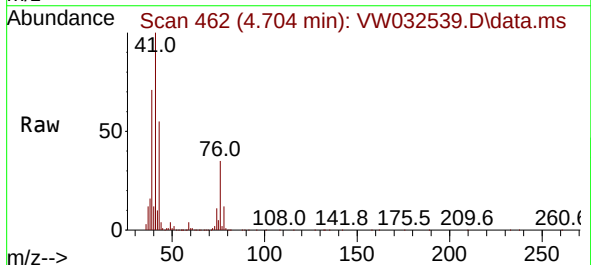
Instrument :
MSVOA_W
ClientSampleId :

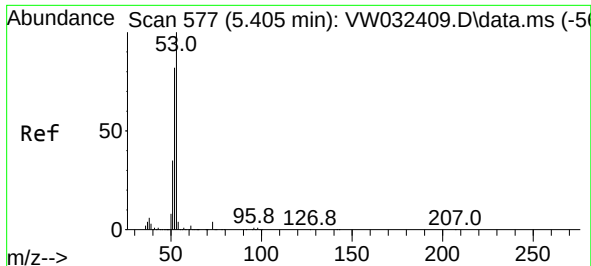
Tgt Ion: 56 Resp: 48408
Ion Ratio Lower Upper
56 100
55 70.7 56.3 84.5



#14
Allyl chloride
Concen: 21.722 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

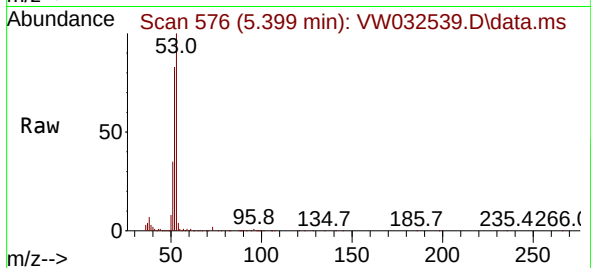
Tgt Ion: 41 Resp: 150732
Ion Ratio Lower Upper
41 100
39 66.7 50.2 75.2
76 32.7 27.0 40.6



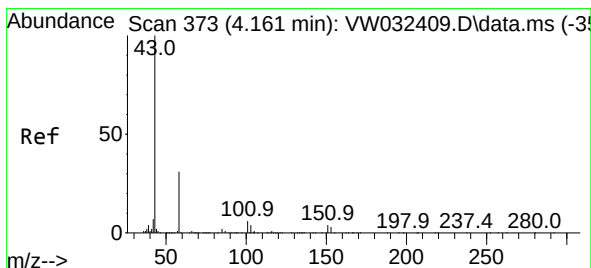
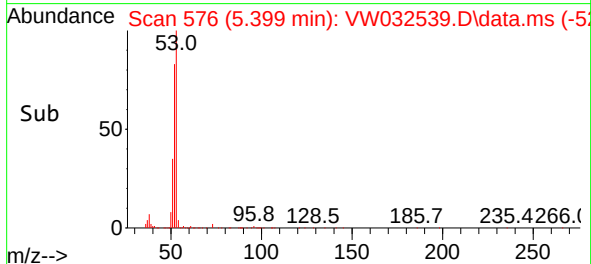
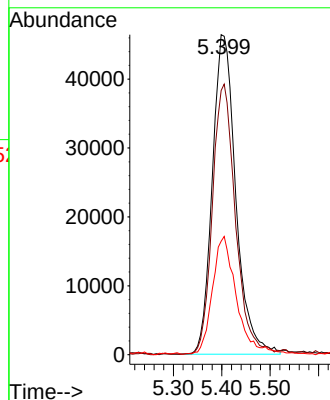


#15
Acrylonitrile
Concen: 114.746 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :

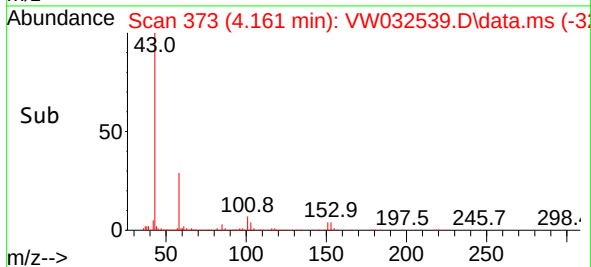
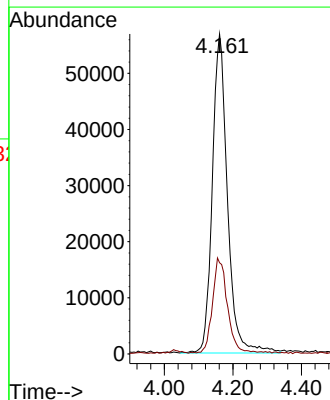
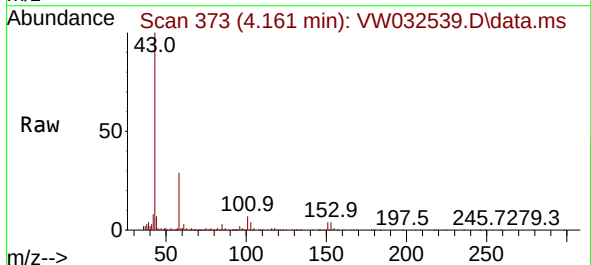


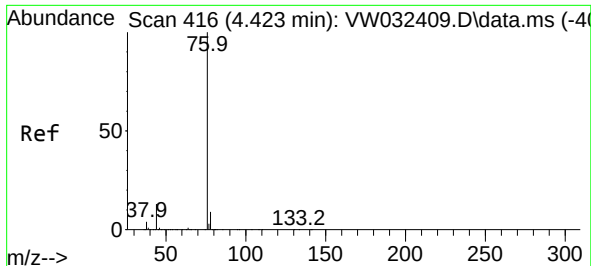
Tgt Ion: 53 Resp: 156692
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 38.5 28.6 43.0



#16
Acetone
Concen: 134.672 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 43 Resp: 174379
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2

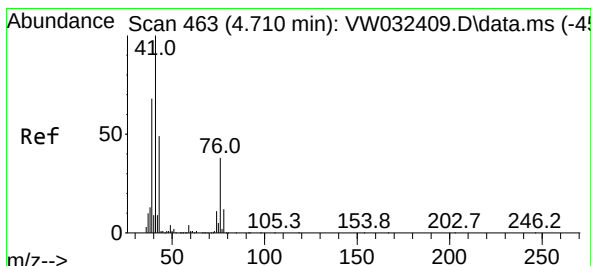
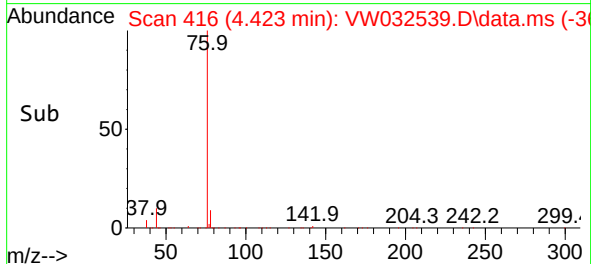
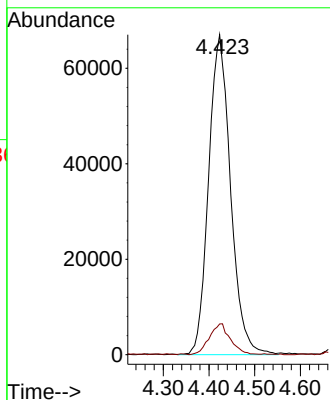
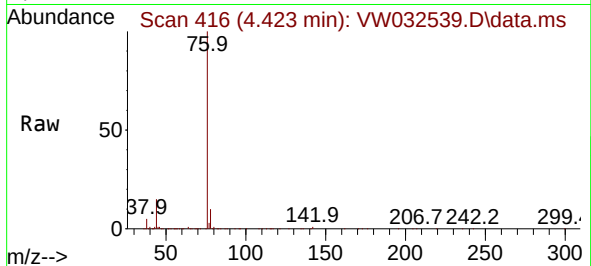




#17
Carbon Disulfide
Concen: 20.956 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

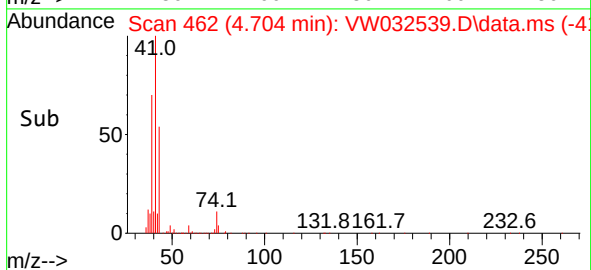
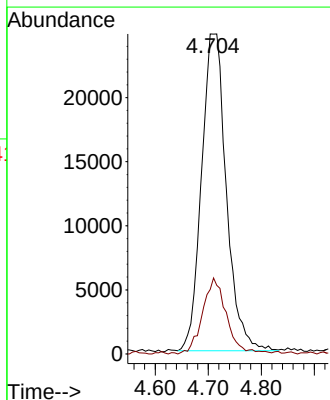
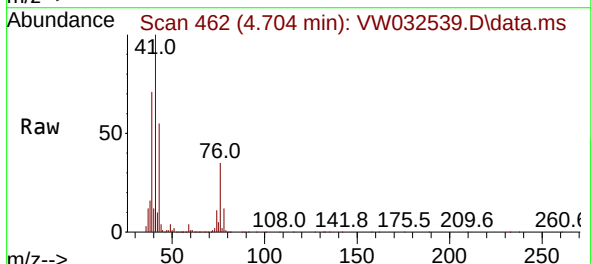
Instrument :
MSVOA_W
ClientSampleId :

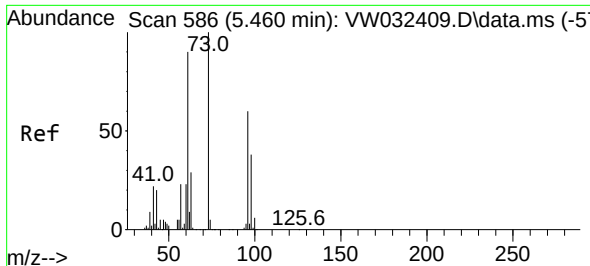
Tgt Ion: 76 Resp: 223487
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 25.096 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 43 Resp: 80468
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 21.743 ug/l

RT: 5.466 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

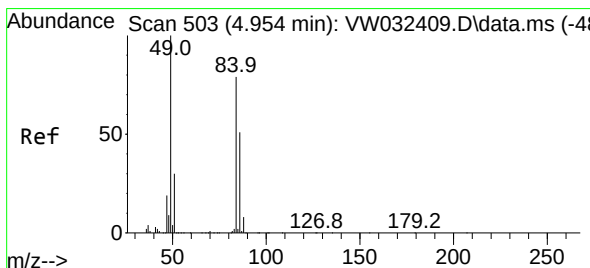
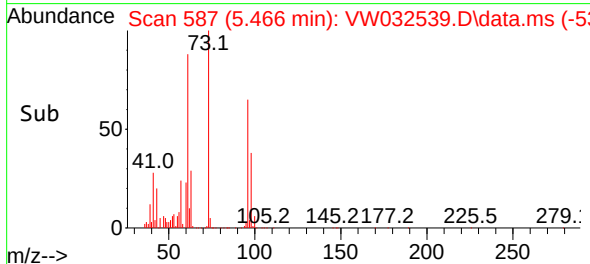
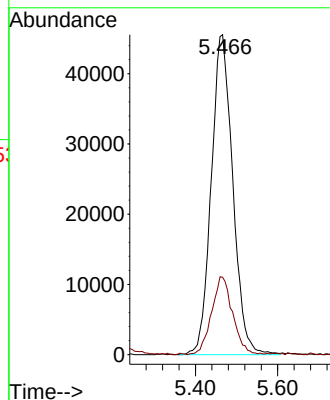
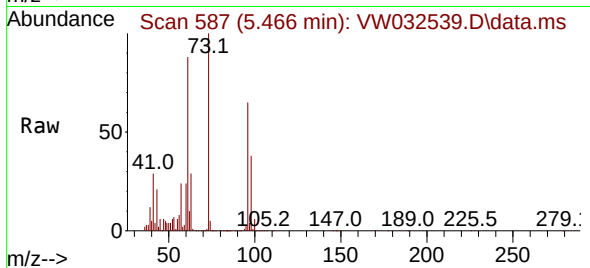
ClientSampleId :

Tgt Ion: 73 Resp: 165385

Ion Ratio Lower Upper

73 100

57 23.9 18.3 27.5



#20

Methylene Chloride

Concen: 24.795 ug/l

RT: 4.948 min Scan# 502

Delta R.T. -0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Tgt Ion: 84 Resp: 114818

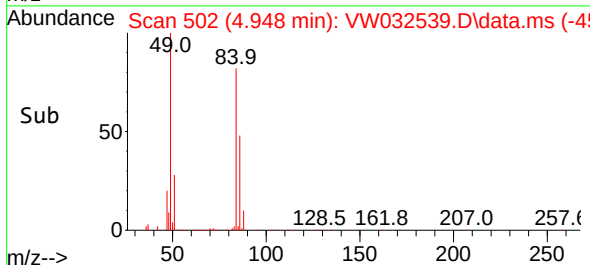
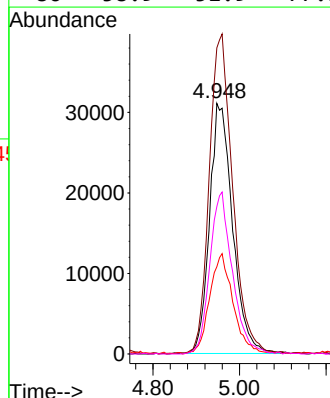
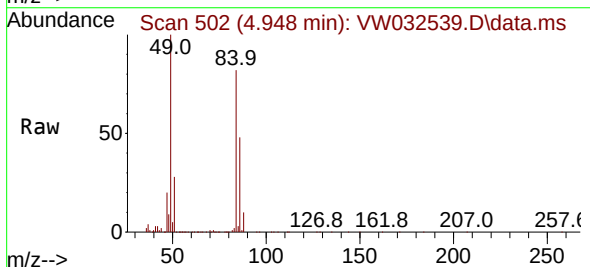
Ion Ratio Lower Upper

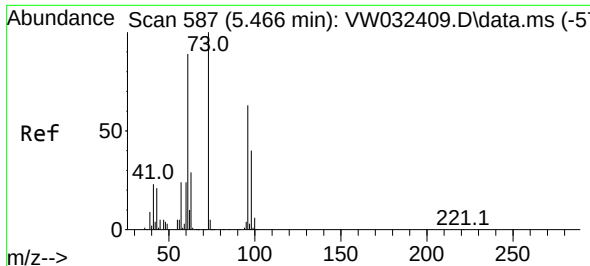
84 100

49 121.8 101.5 152.3

51 34.3 30.6 46.0

86 58.9 51.9 77.9

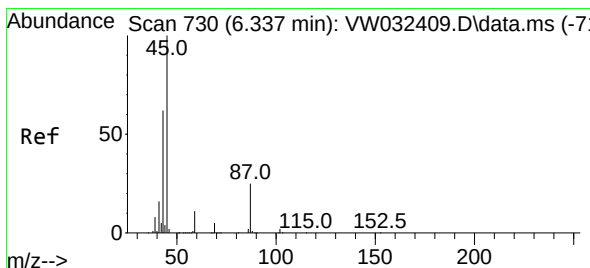
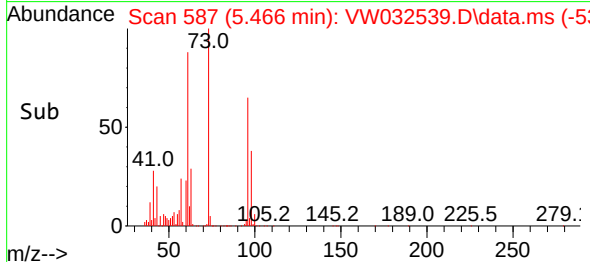
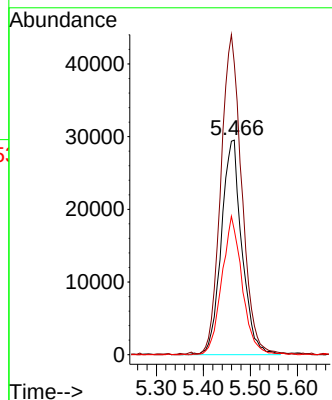
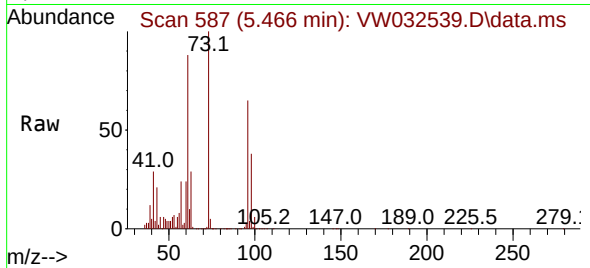




#21
trans-1,2-Dichloroethene
Concen: 21.840 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

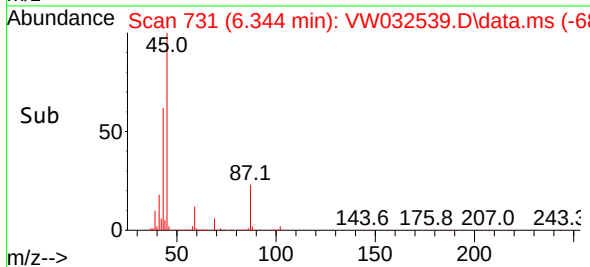
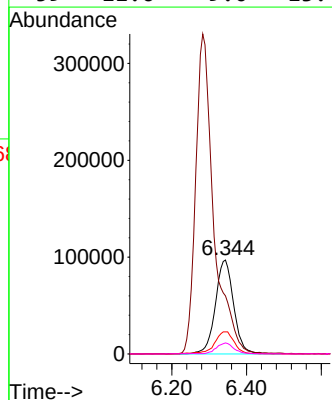
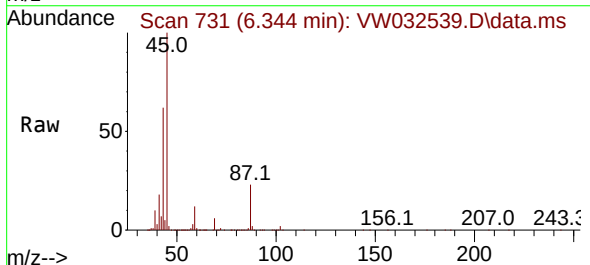
Instrument :
MSVOA_W
ClientSampleId :

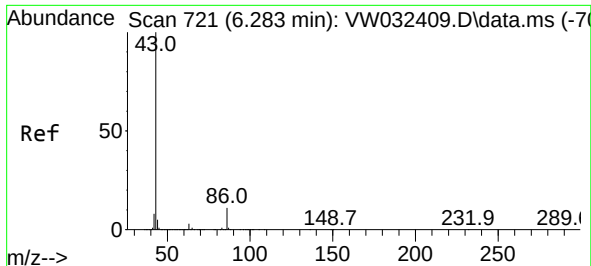
Tgt Ion: 96 Resp: 90110
Ion Ratio Lower Upper
96 100
61 135.2 112.5 168.7
98 58.1 51.1 76.7



#22
Diisopropyl ether
Concen: 23.230 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 45 Resp: 328202
Ion Ratio Lower Upper
45 100
43 61.6 49.4 74.2
87 23.4 20.1 30.1
59 11.6 9.0 13.4

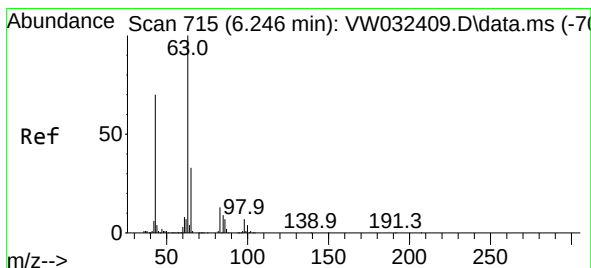
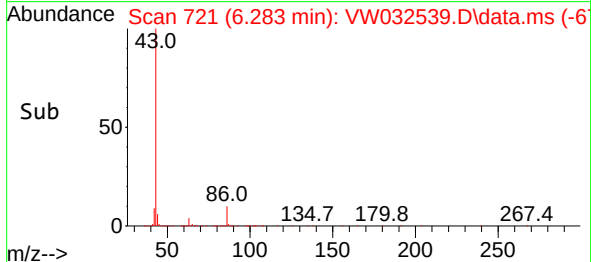
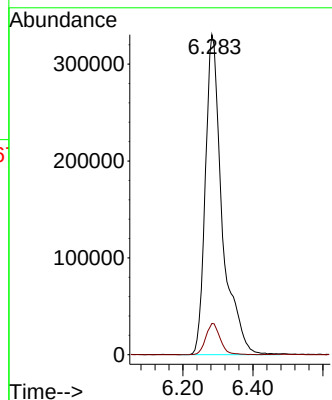
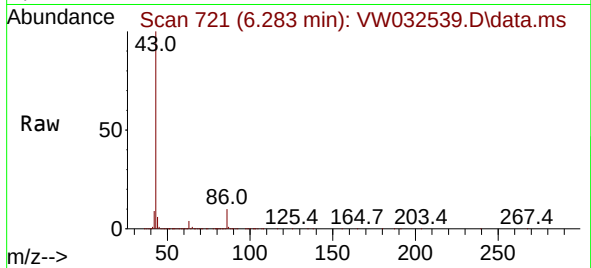




#23
 Vinyl Acetate
 Concen: 113.976 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

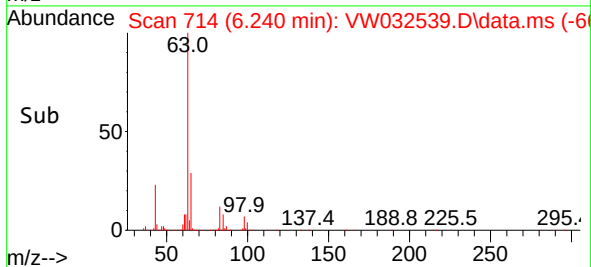
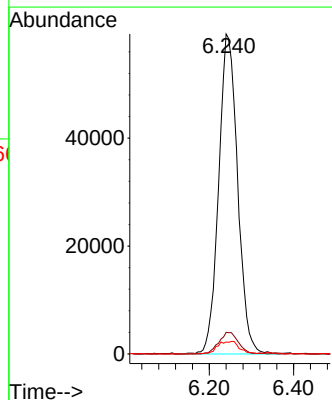
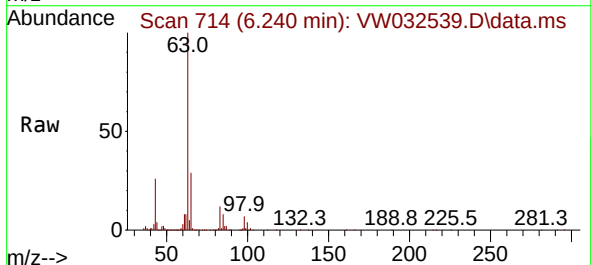
Instrument :
 MSVOA_W
 ClientSampleId :

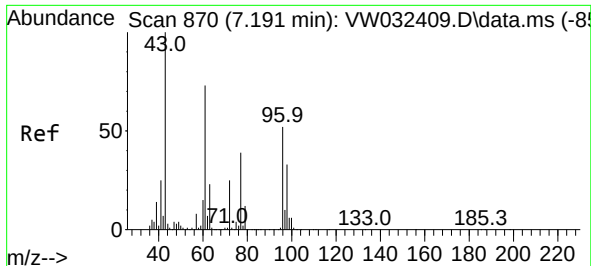
Tgt Ion: 43 Resp: 1103246
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.831 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

Tgt Ion: 63 Resp: 184463
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 3.8 2.3 6.8

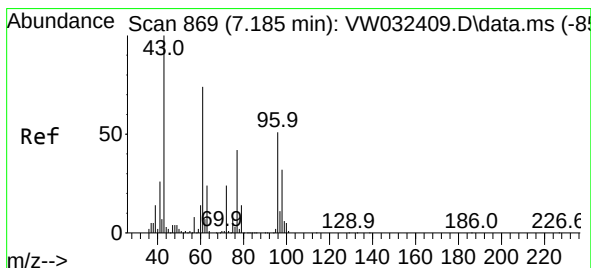
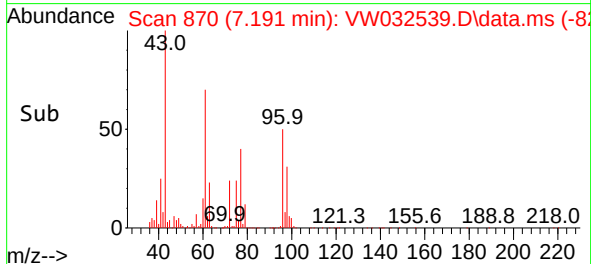
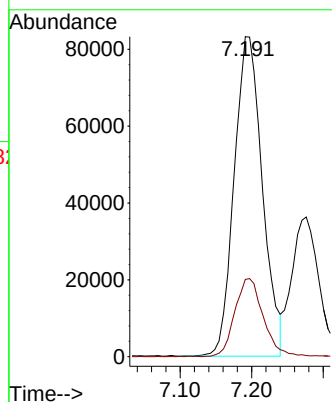
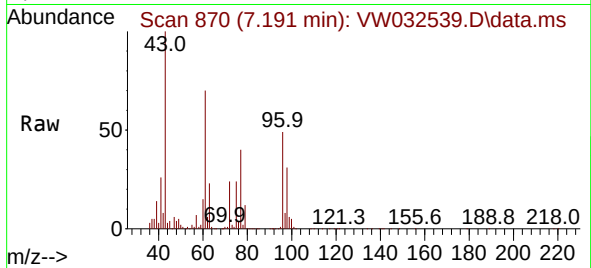




#25
2-Butanone
Concen: 119.614 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

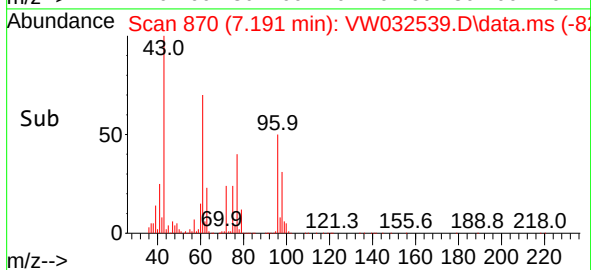
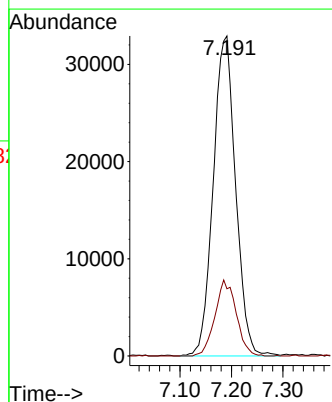
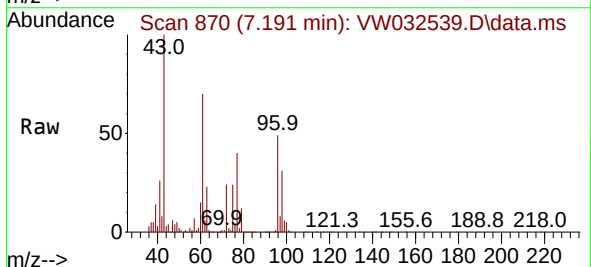
Instrument :
MSVOA_W
ClientSampleId :

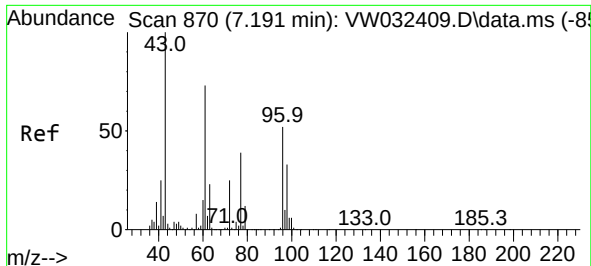
Tgt Ion: 43 Resp: 228179
Ion Ratio Lower Upper
43 100
72 24.1 20.0 30.0



#26
2,2-Dichloropropane
Concen: 23.089 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 77 Resp: 99602
Ion Ratio Lower Upper
77 100
97 22.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 21.960 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

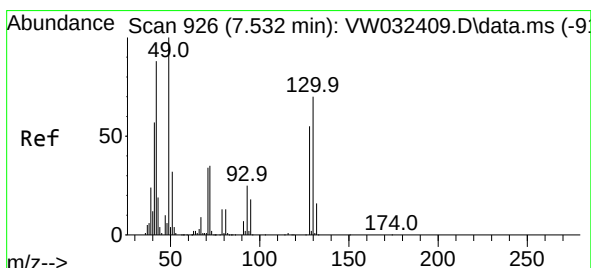
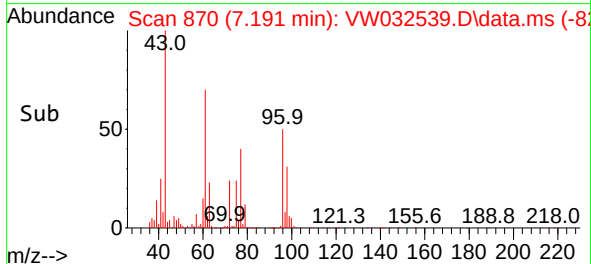
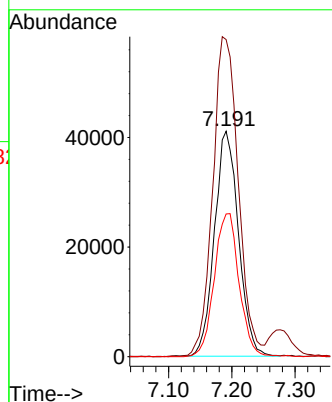
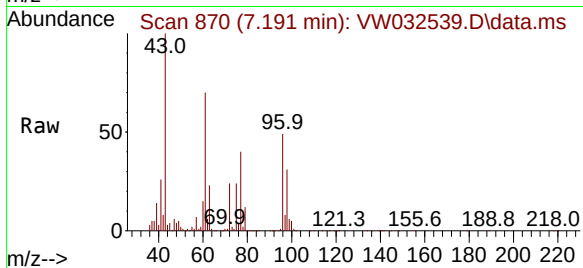
Tgt Ion: 96 Resp: 108260

Ion Ratio Lower Upper

96 100

61 151.9 0.0 282.6

98 65.8 0.0 128.6



#28

Bromochloromethane

Concen: 24.045 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

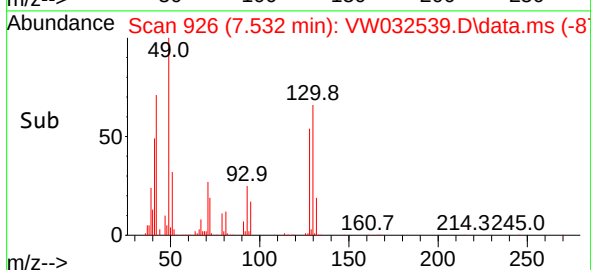
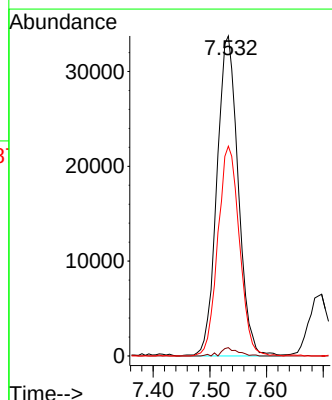
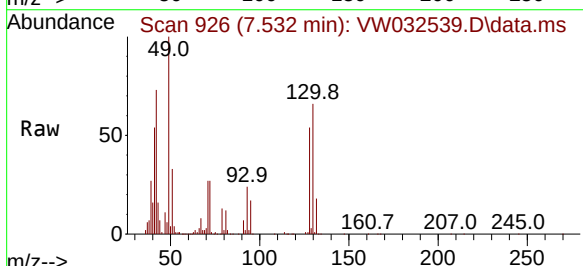
Tgt Ion: 49 Resp: 87968

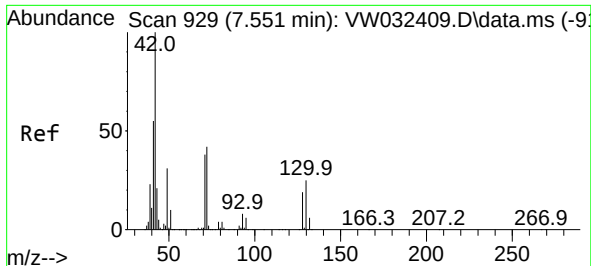
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 66.3 56.9 85.3

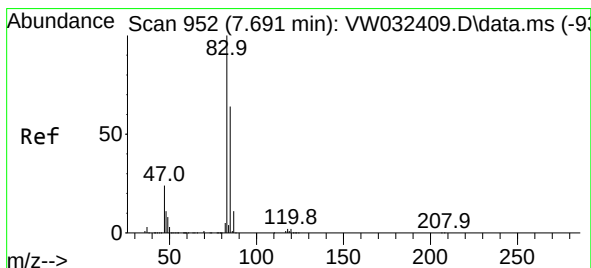
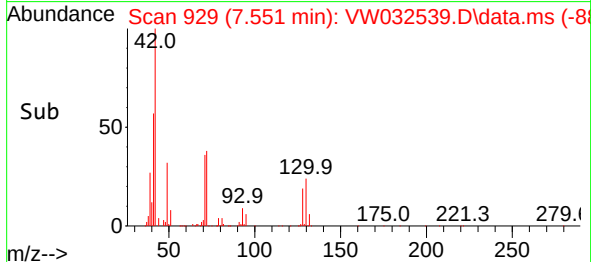
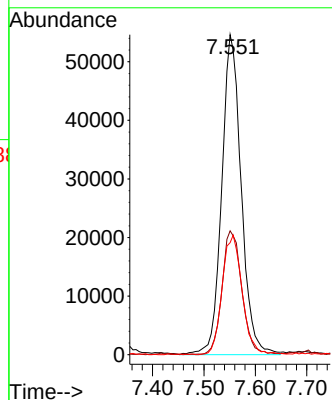
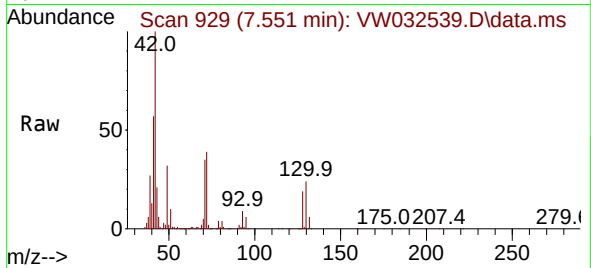




#29
Tetrahydrofuran
Concen: 118.966 ug/l
RT: 7.551 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

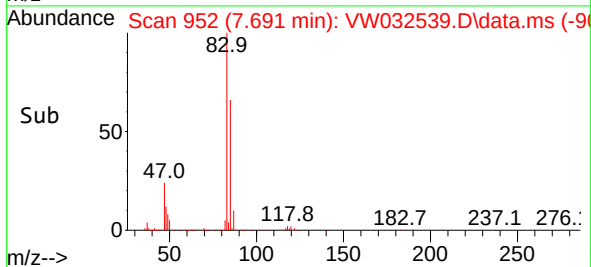
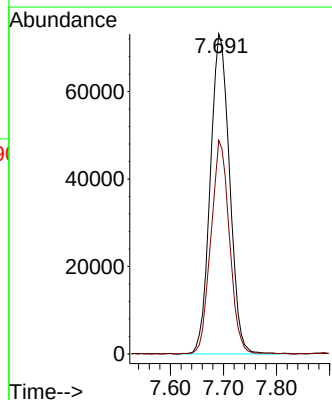
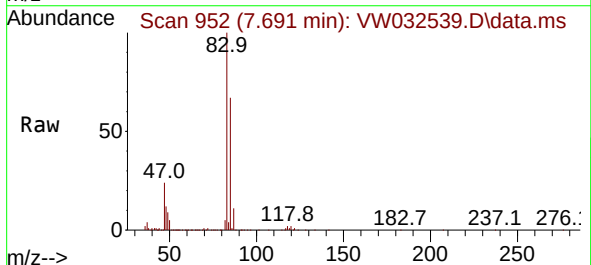
Instrument :
MSVOA_W
ClientSampleId :

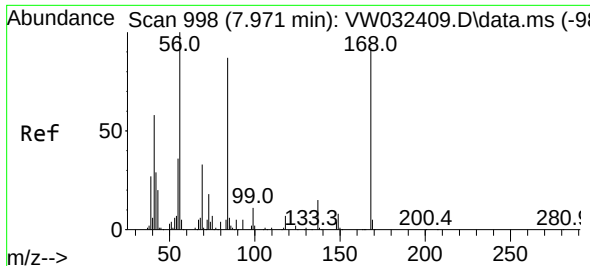
Tgt Ion: 42 Resp: 144042
Ion Ratio Lower Upper
42 100
72 39.0 33.6 50.4
71 38.4 31.4 47.0



#30
Chloroform
Concen: 24.389 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

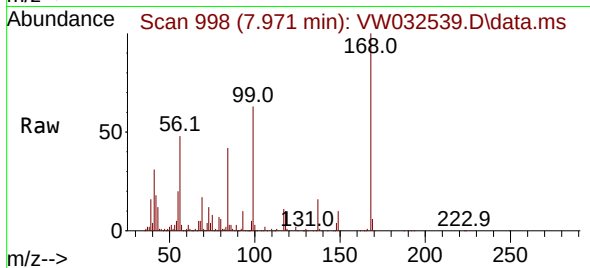
Tgt Ion: 83 Resp: 184812
Ion Ratio Lower Upper
83 100
85 66.6 51.0 76.4



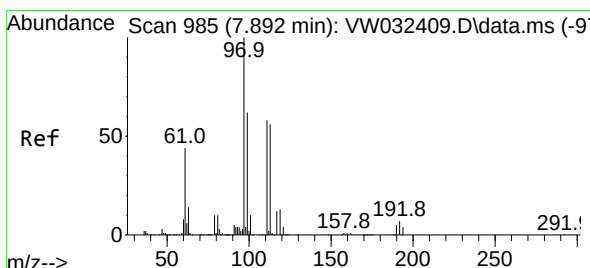
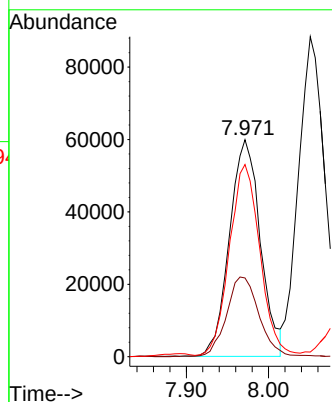
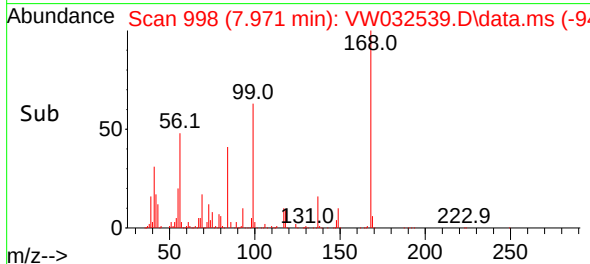


#31
Cyclohexane
Concen: 21.840 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

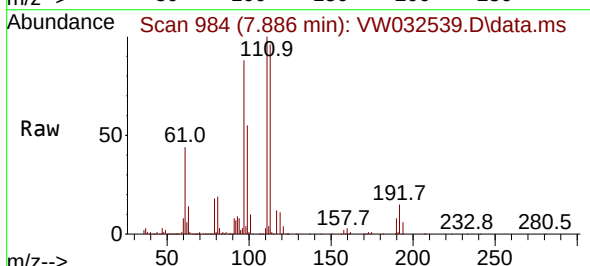
Instrument :
MSVOA_W
ClientSampleId :



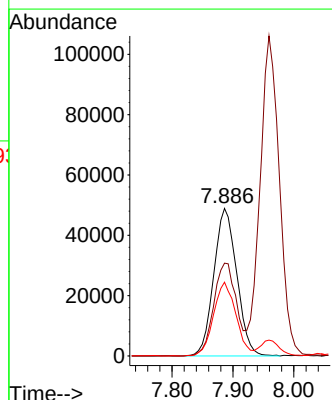
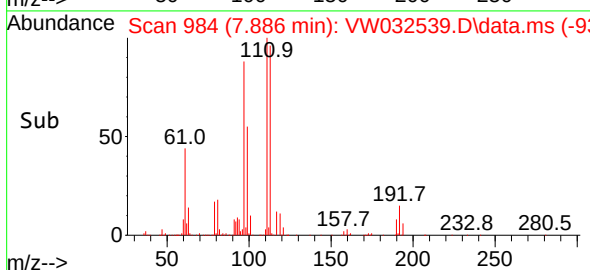
Tgt Ion: 56	Resp: 156380
Ion Ratio	Lower Upper
56 100	
69 36.2	26.5 39.7
84 87.5	69.6 104.4

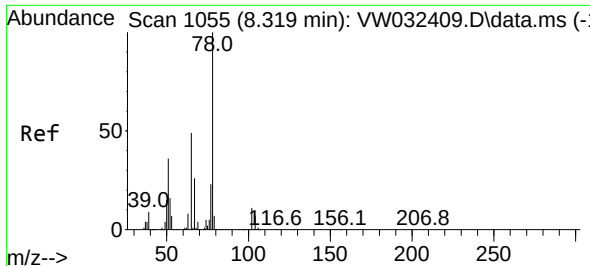


#32
1,1,1-Trichloroethane
Concen: 23.695 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27



Tgt Ion: 97	Resp: 128265
Ion Ratio	Lower Upper
97 100	
99 61.1	51.8 77.8
61 48.9	35.5 53.3





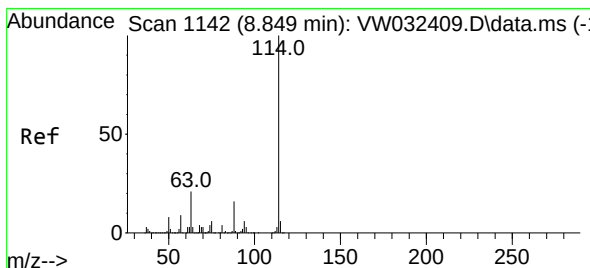
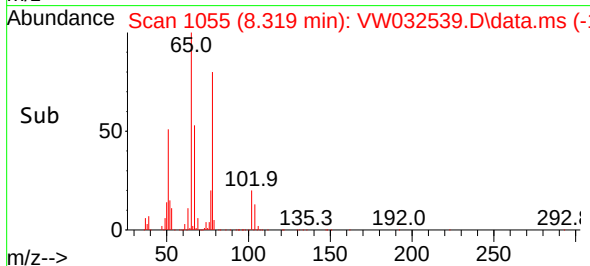
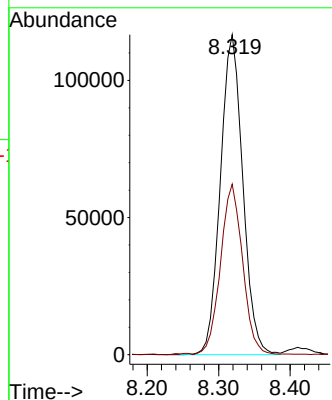
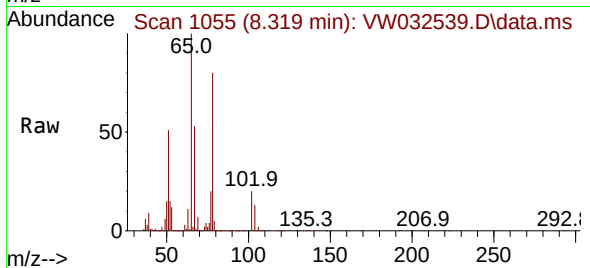
#33
1,2-Dichloroethane-d4
Concen: 58.755 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

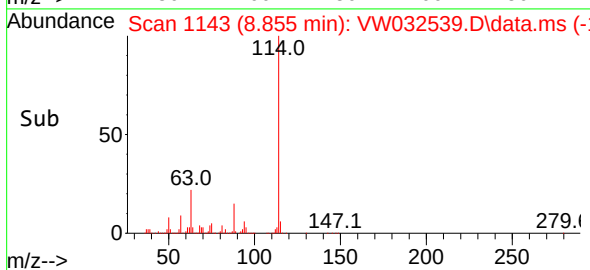
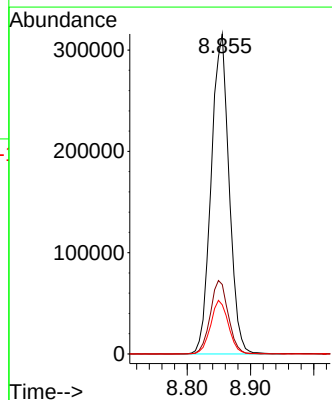
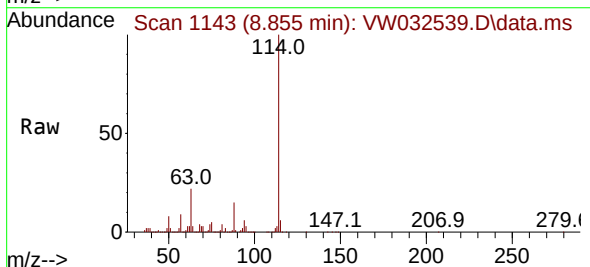
ClientSampleId :

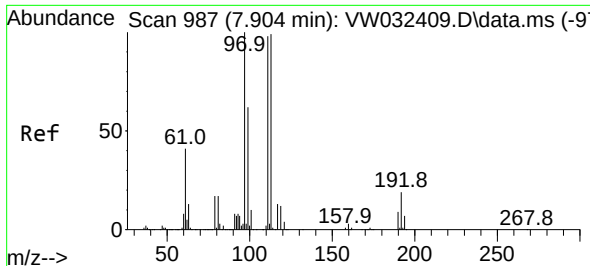
Tgt Ion: 65 Resp: 254292
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:114 Resp: 620682
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 15.3 0.0 32.6

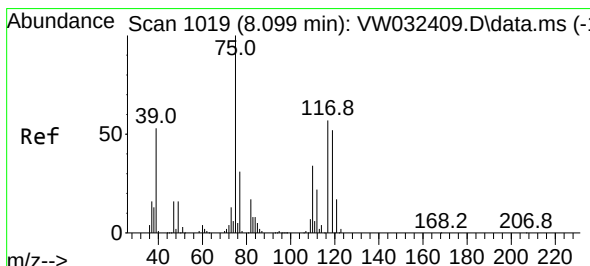
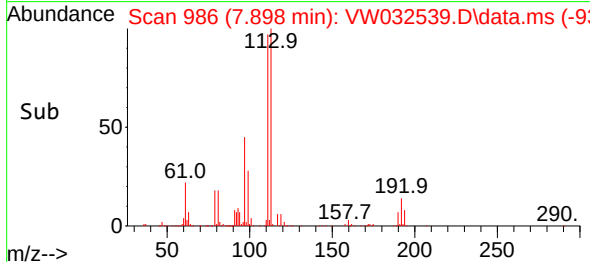
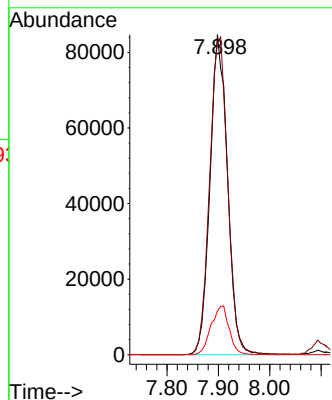
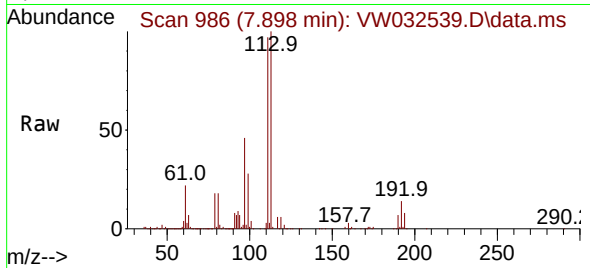




#35
Dibromofluoromethane
Concen: 53.990 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

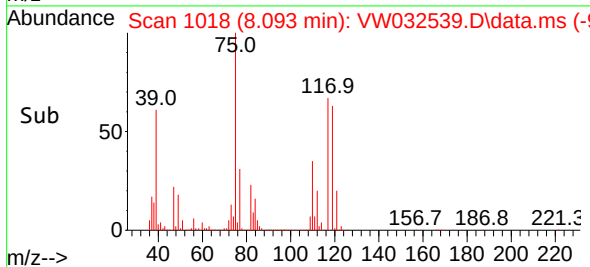
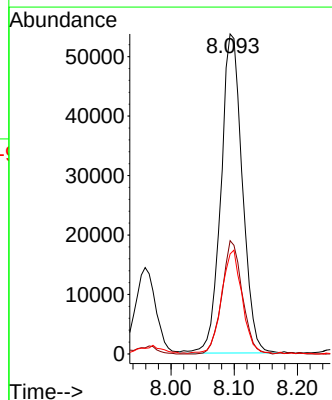
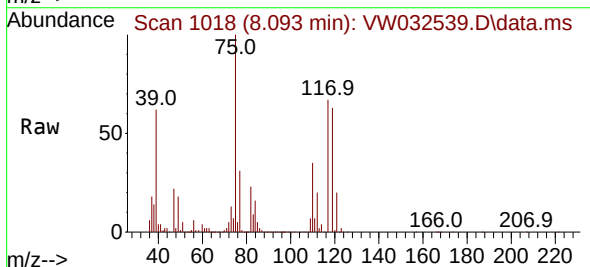
Instrument :
MSVOA_W
ClientSampleId :

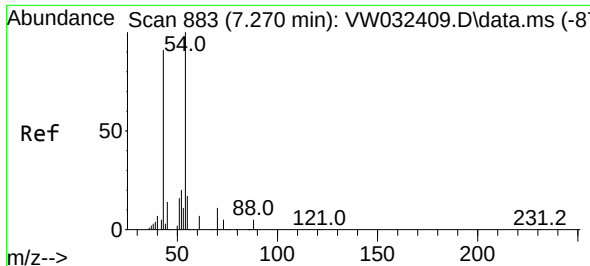
Tgt Ion:113 Resp: 200637
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 15.7 13.4 20.2



#36
1,1-Dichloropropene
Concen: 22.956 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 75 Resp: 125691
Ion Ratio Lower Upper
75 100
110 33.8 17.2 51.5
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 24.052 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

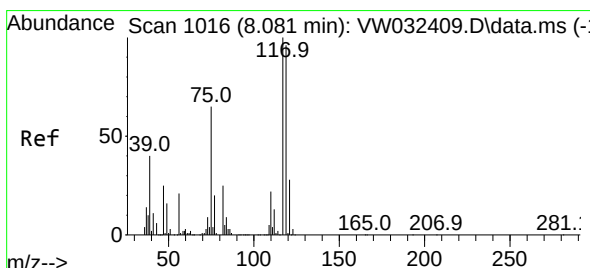
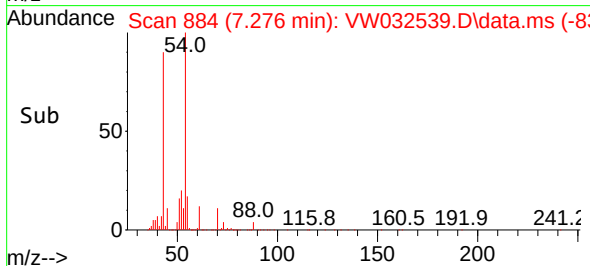
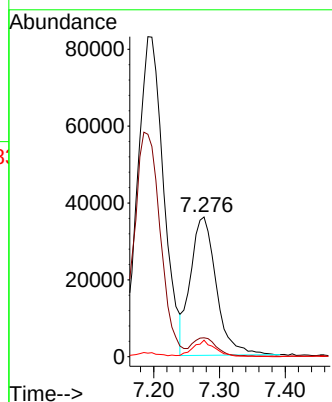
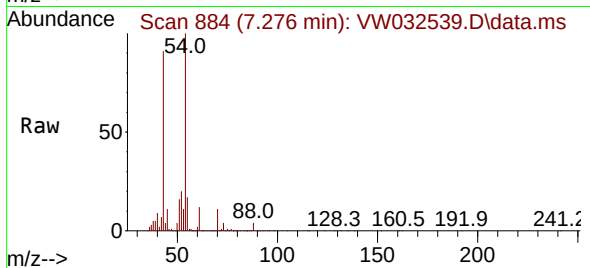
Tgt Ion: 43 Resp: 97927

Ion Ratio Lower Upper

43 100

61 12.4 11.0 16.6

70 10.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 23.560 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

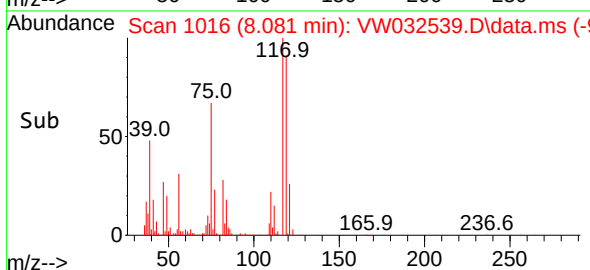
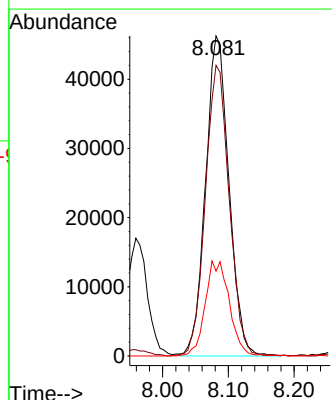
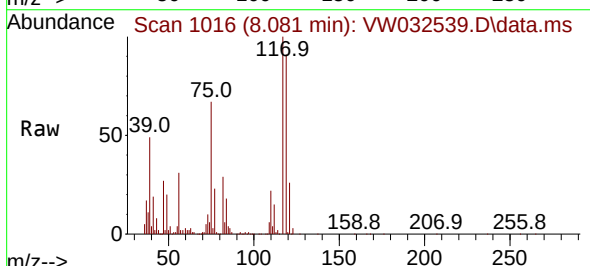
Tgt Ion: 117 Resp: 114621

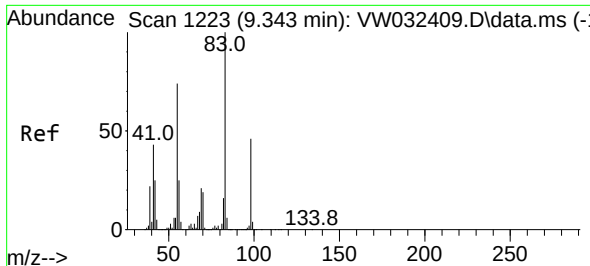
Ion Ratio Lower Upper

117 100

119 90.6 77.0 115.4

121 26.4 22.0 33.0

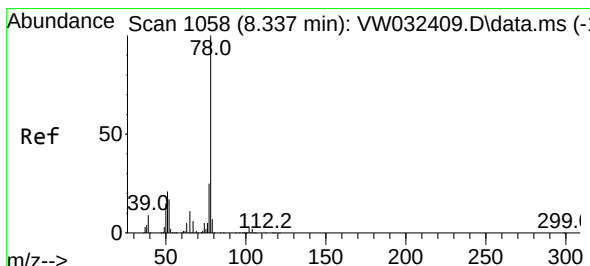
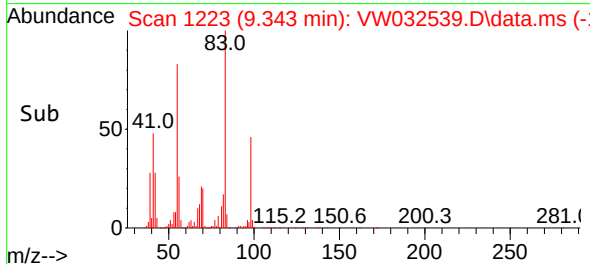
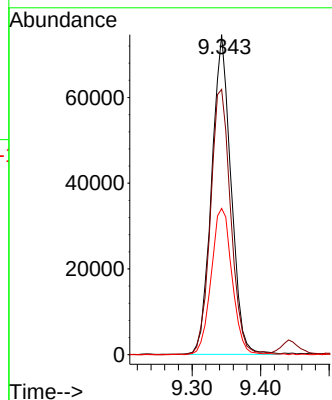
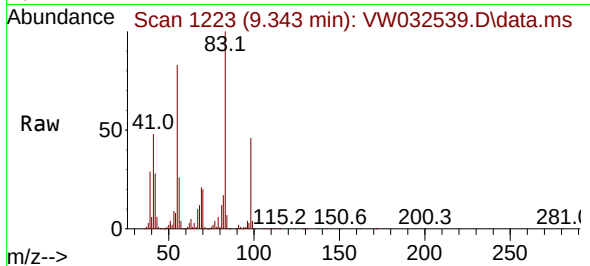




#39
Methylcyclohexane
Concen: 20.700 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

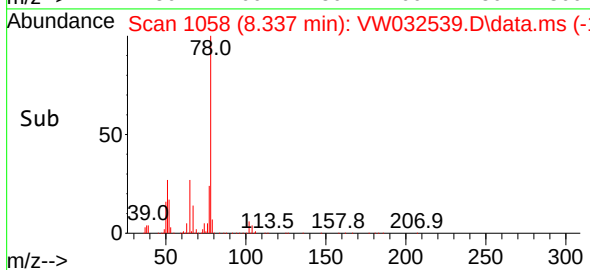
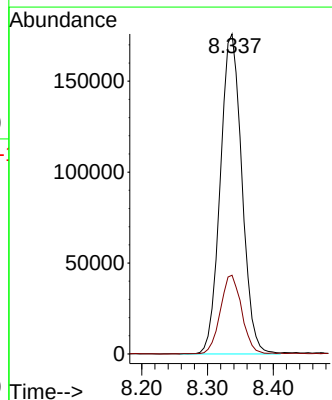
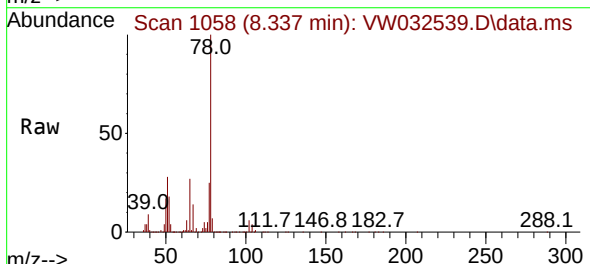
Instrument :
MSVOA_W
ClientSampleId :

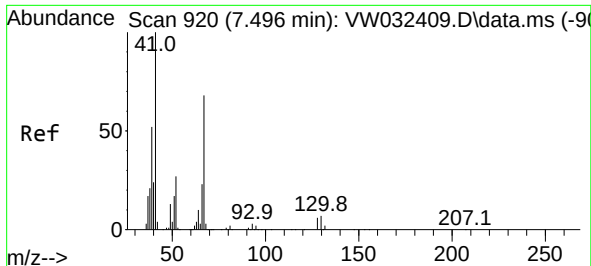
Tgt Ion: 83 Resp: 146832
Ion Ratio Lower Upper
83 100
55 82.8 59.2 88.8
98 45.6 36.6 54.8



#40
Benzene
Concen: 22.806 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 78 Resp: 402128
Ion Ratio Lower Upper
78 100
77 24.6 19.6 29.4

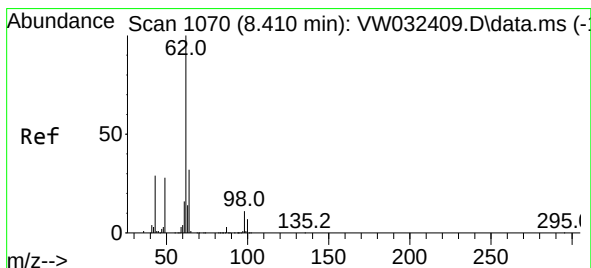
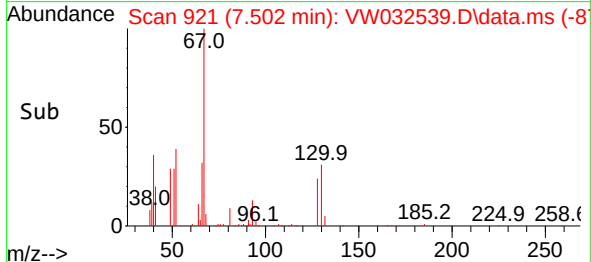
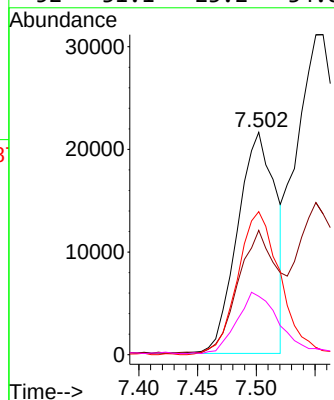
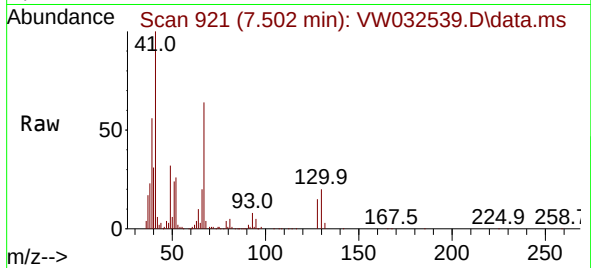




#41
Methacrylonitrile
Concen: 21.881 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

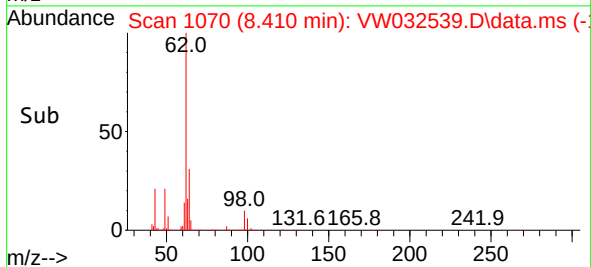
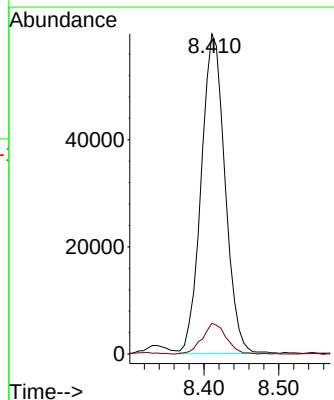
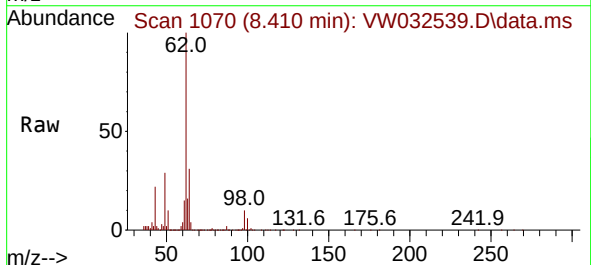
Instrument :
MSVOA_W
ClientSampleId :

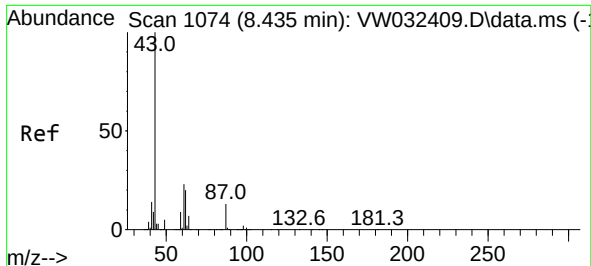
Tgt Ion:	41	Resp:	48939
Ion	Ratio	Lower	Upper
41	100		
39	59.9	44.6	66.8
67	72.7	57.6	86.4
52	31.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 25.480 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

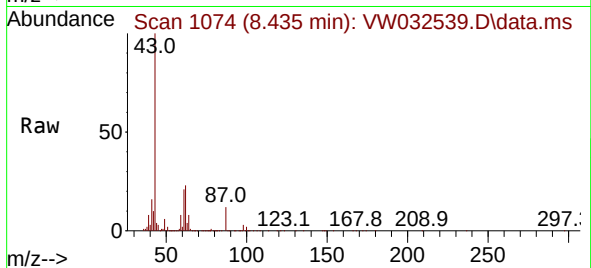
Tgt Ion:	62	Resp:	131966
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2



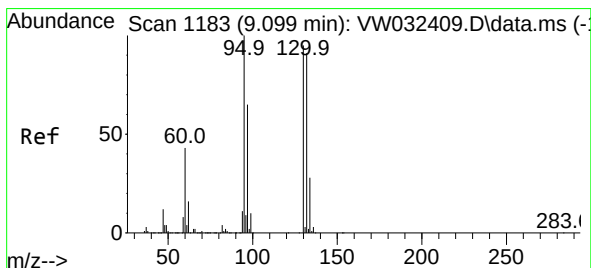
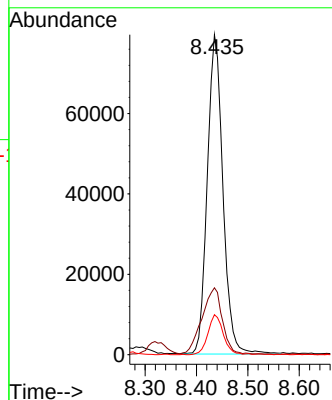
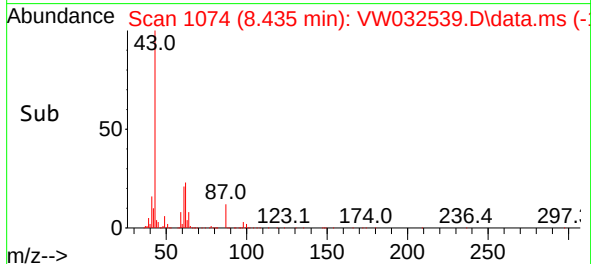


#43
Isopropyl Acetate
Concen: 23.296 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

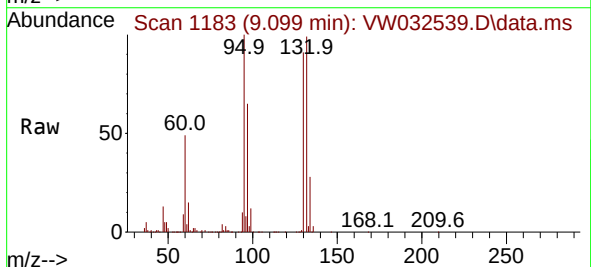
Instrument :
MSVOA_W
ClientSampleId :



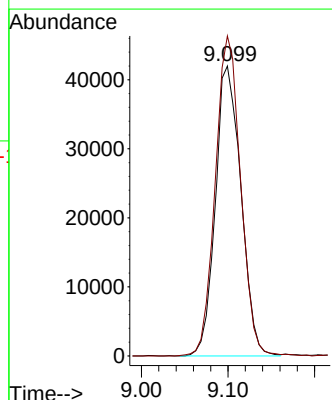
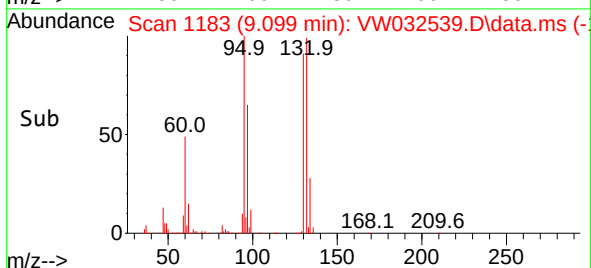
Tgt Ion: 43 Resp: 167947
Ion Ratio Lower Upper
43 100
61 26.9 22.6 33.8
87 12.4 10.6 15.8

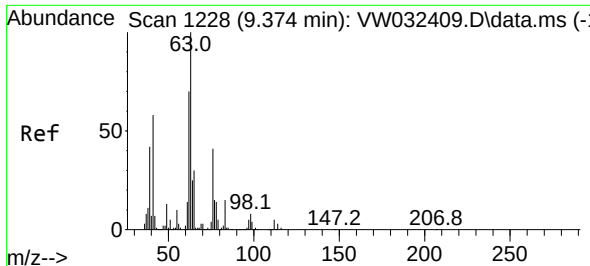


#44
Trichloroethene
Concen: 21.020 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27



Tgt Ion: 130 Resp: 86247
Ion Ratio Lower Upper
130 100
95 110.2 0.0 209.6





#45

1,2-Dichloropropane

Concen: 23.593 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

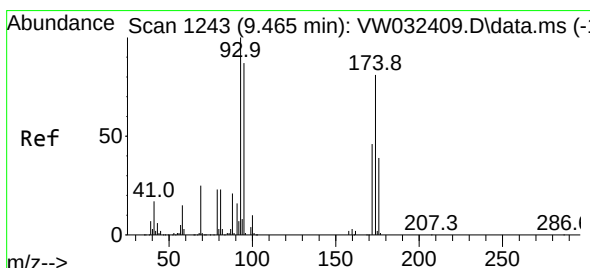
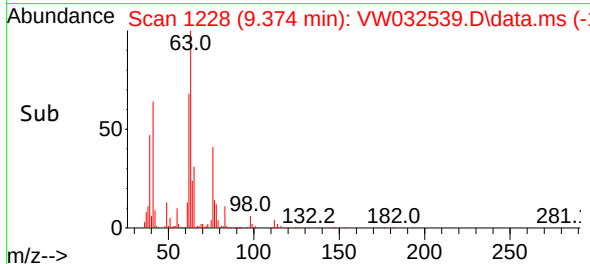
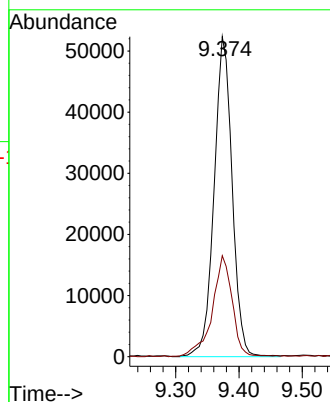
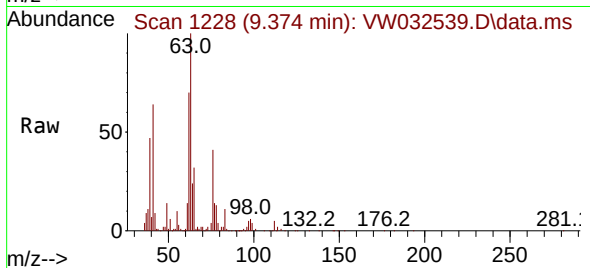
ClientSampleId :

Tgt Ion: 63 Resp: 103587

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 24.309 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

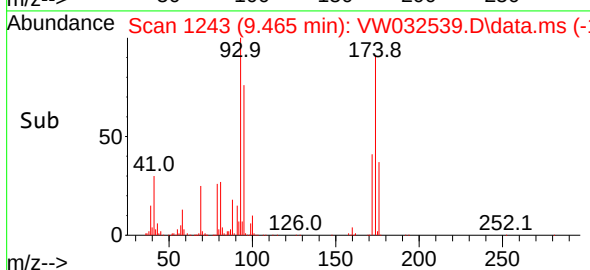
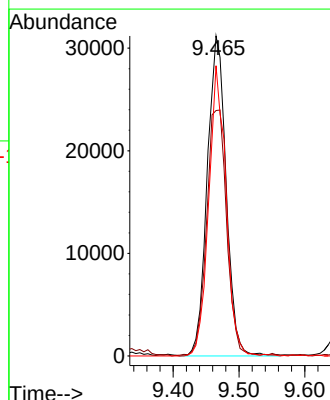
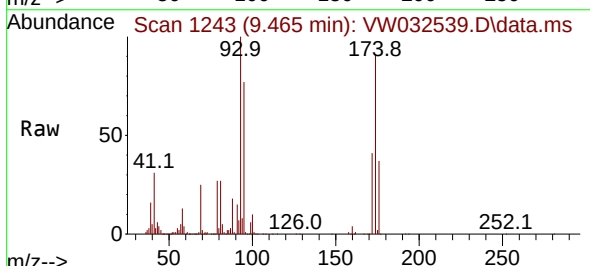
Tgt Ion: 93 Resp: 62369

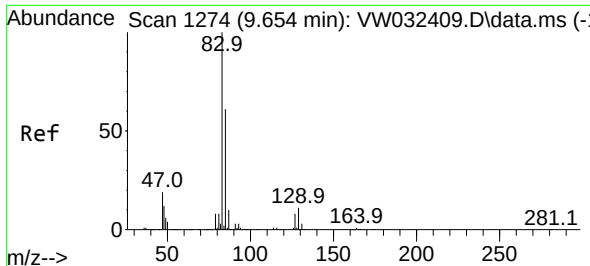
Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

174 83.1 68.2 102.4

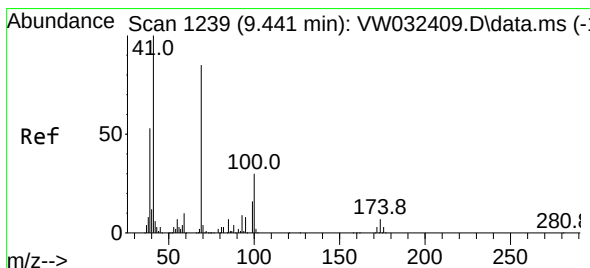
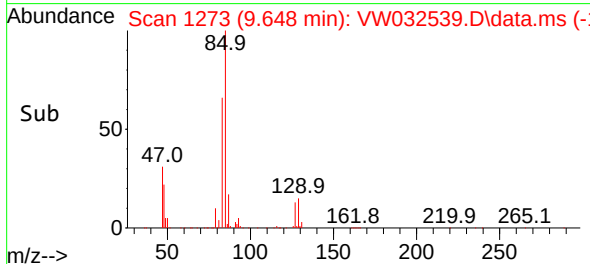
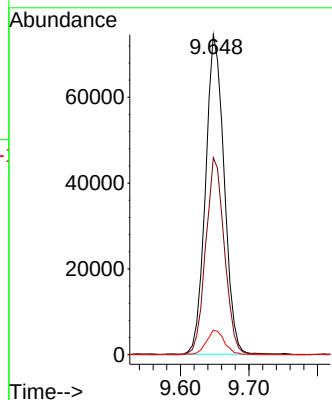
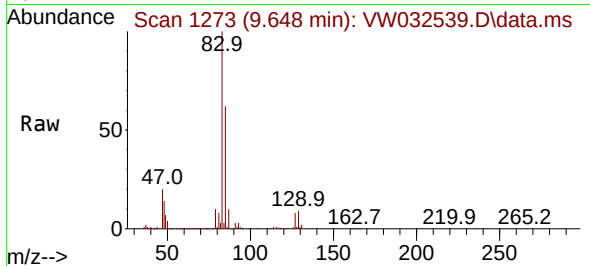




#47
Bromodichloromethane
Concen: 24.030 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

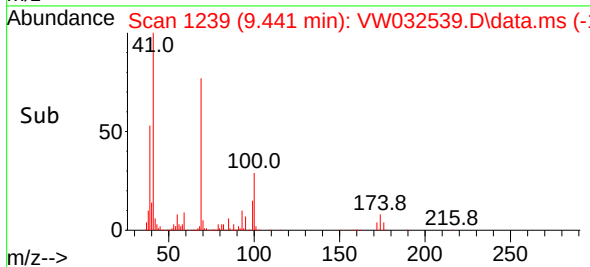
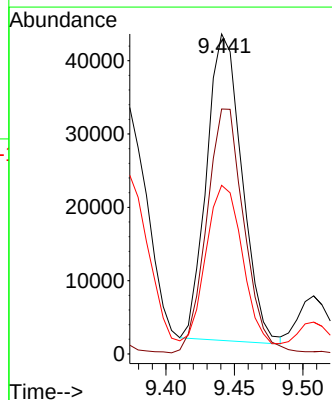
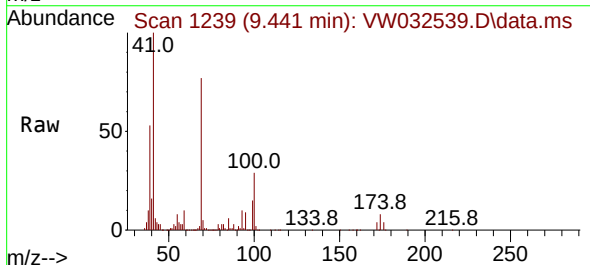
Instrument :
MSVOA_W
ClientSampleId :

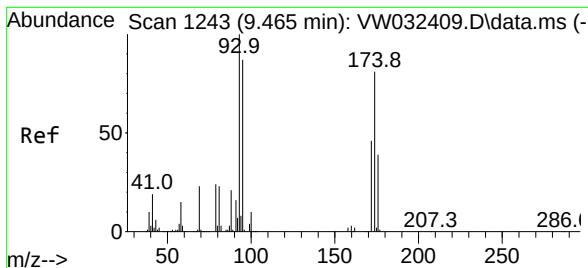
Tgt Ion: 83 Resp: 140637
Ion Ratio Lower Upper
83 100
85 61.6 48.7 73.1
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 21.869 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 41 Resp: 74918
Ion Ratio Lower Upper
41 100
69 84.6 65.8 98.6
39 53.4 38.6 57.8





#49

1,4-Dioxane

Concen: 478.738 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

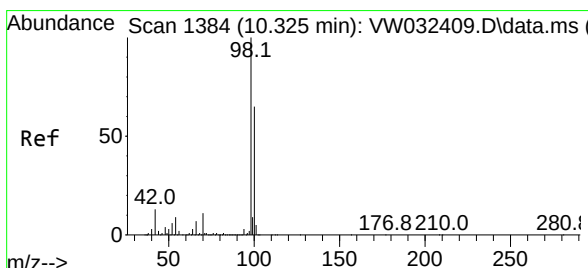
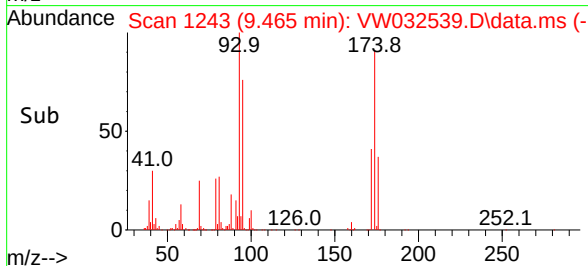
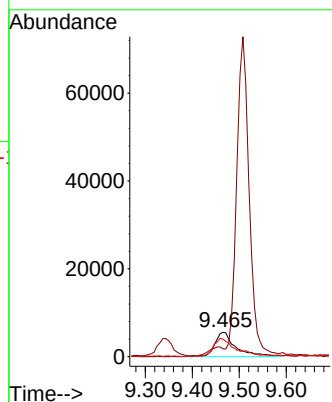
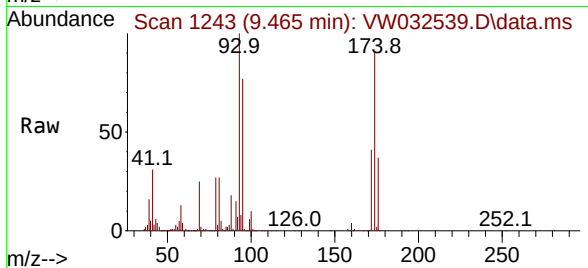
Tgt Ion: 88 Resp: 17207

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 83.0 63.0 94.4



#50

Toluene-d8

Concen: 51.980 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032539.D

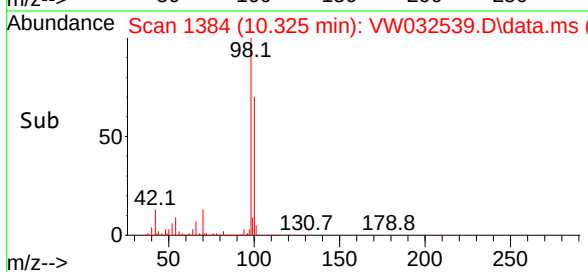
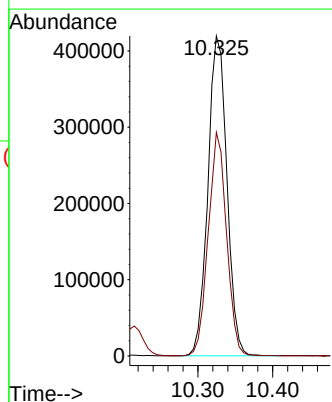
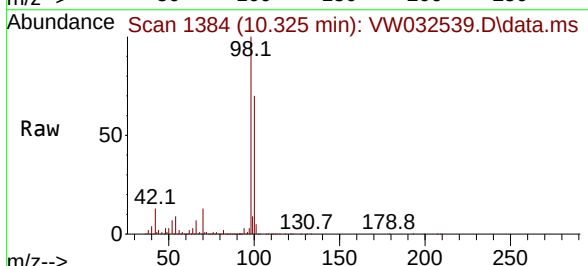
Acq: 26 Nov 2025 13:27

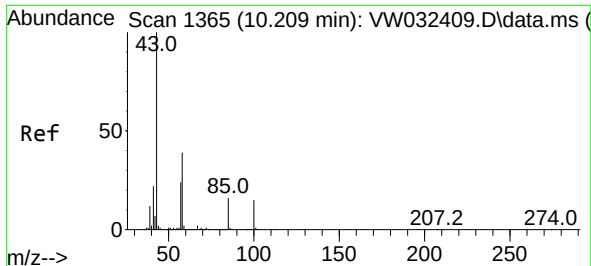
Tgt Ion: 98 Resp: 741058

Ion Ratio Lower Upper

98 100

100 67.2 53.3 79.9

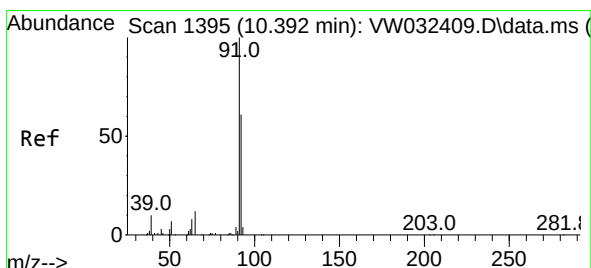
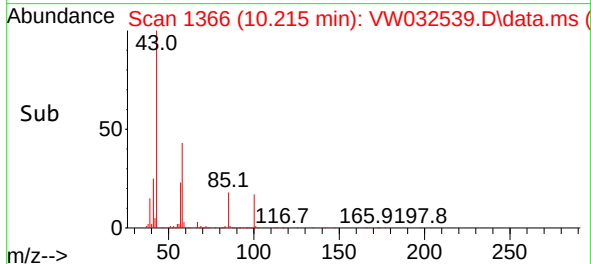
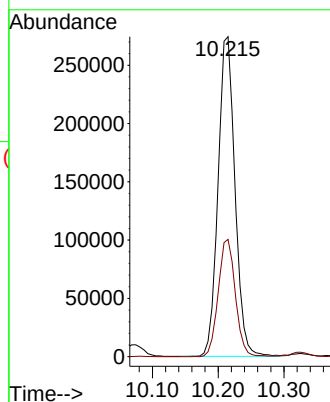
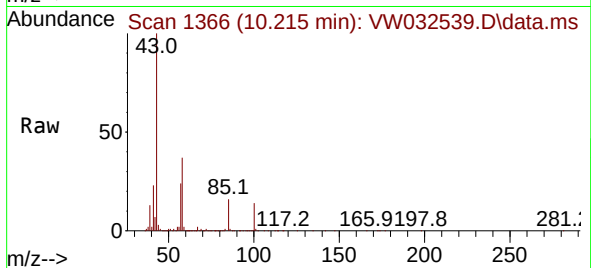




#51
4-Methyl-2-Pentanone
Concen: 123.462 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

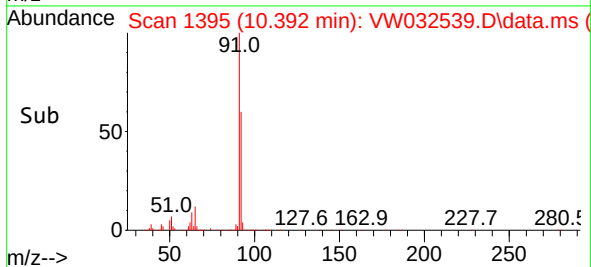
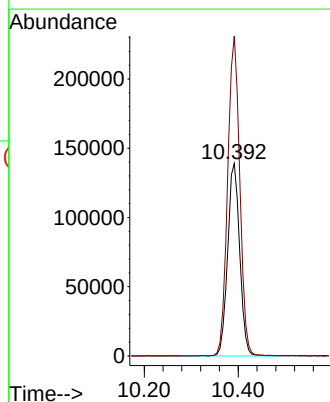
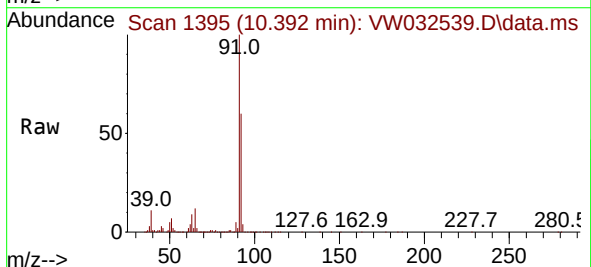
Instrument :
MSVOA_W
ClientSampleId :

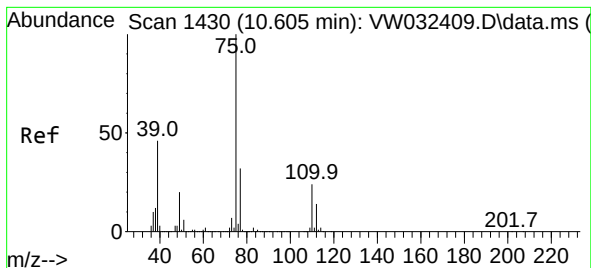
Tgt Ion: 43 Resp: 492057
Ion Ratio Lower Upper
43 100
58 37.1 31.4 47.2



#52
Toluene
Concen: 22.781 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 92 Resp: 248119
Ion Ratio Lower Upper
92 100
91 166.8 136.6 205.0

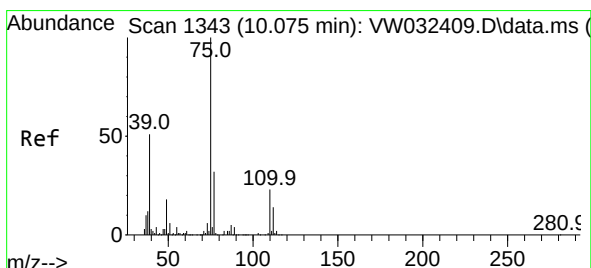
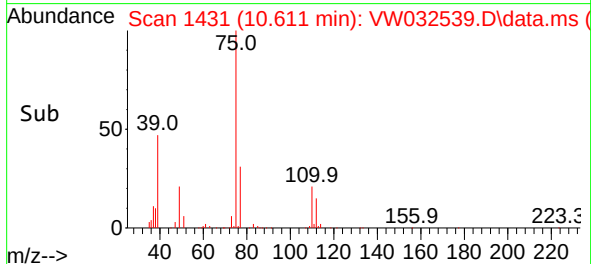
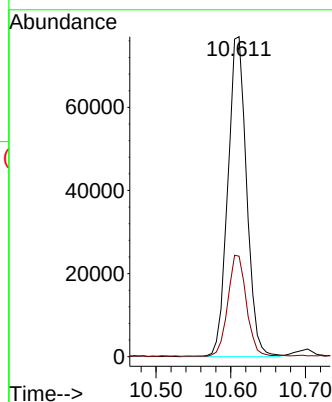
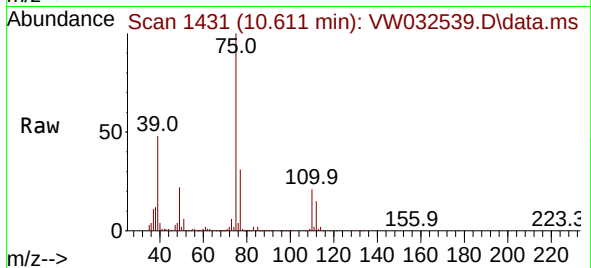




#53
 t-1,3-Dichloropropene
 Concen: 22.373 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

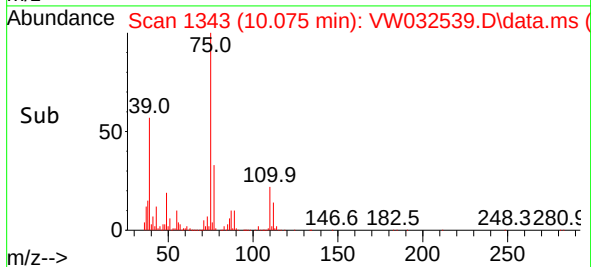
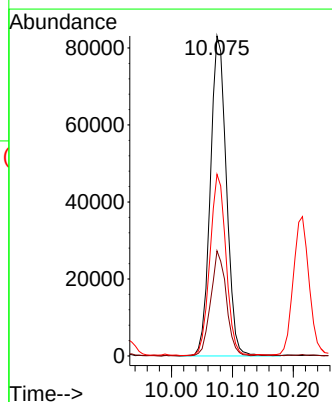
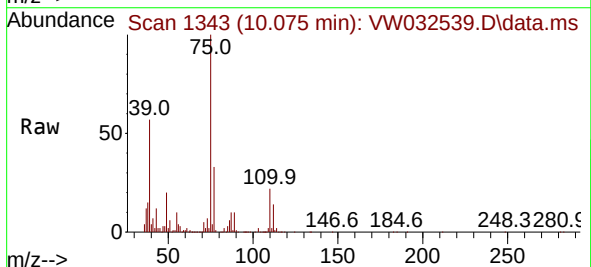
Instrument :
 MSVOA_W
 ClientSampleId :

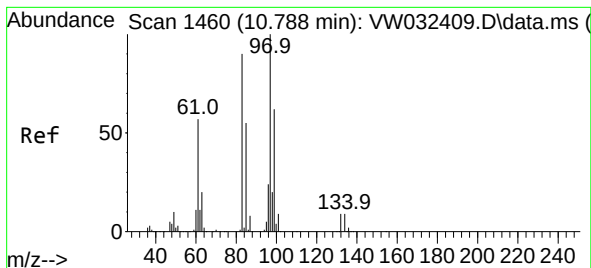
Tgt Ion: 75 Resp: 134854
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.869 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

Tgt Ion: 75 Resp: 152438
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4
 39 56.6 40.7 61.1

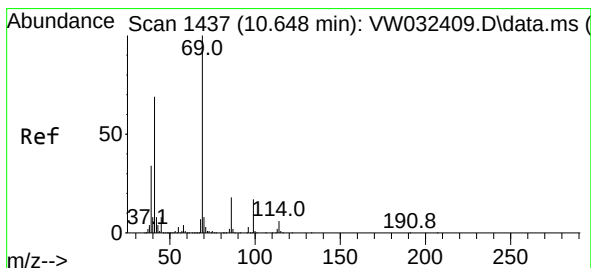
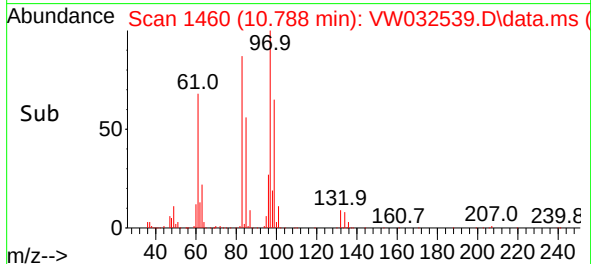
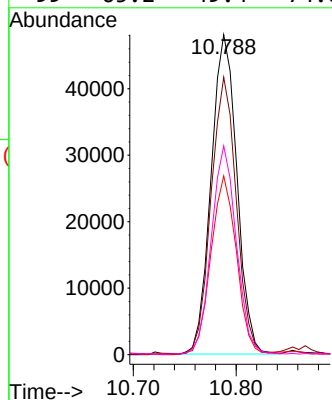
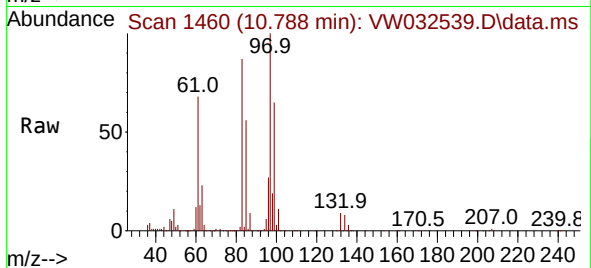




#55
1,1,2-Trichloroethane
Concen: 23.780 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

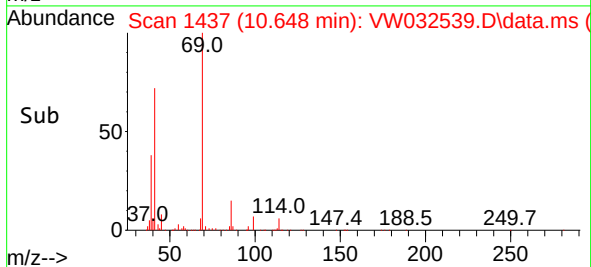
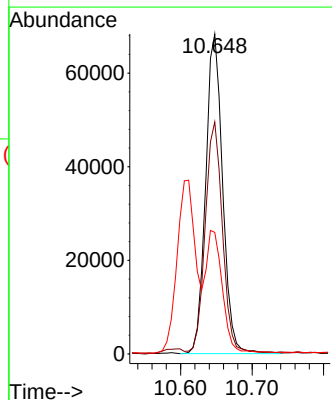
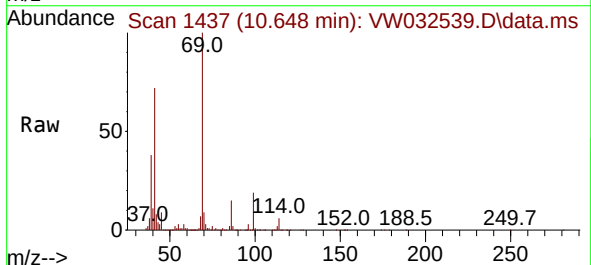
Instrument :
MSVOA_W
ClientSampleId :

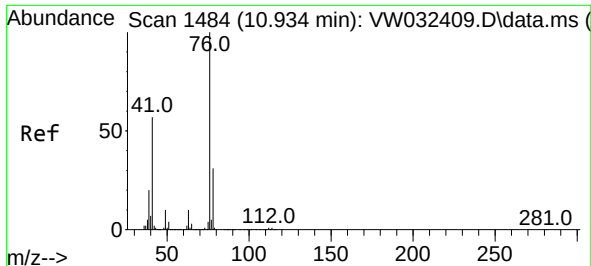
Tgt Ion:	97	Resp:	83698
Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.2	108.4
85	55.8	43.8	65.8
99	65.2	49.4	74.0



#56
Ethyl methacrylate
Concen: 20.888 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:	69	Resp:	112805
Ion	Ratio	Lower	Upper
69	100		
41	73.0	54.4	81.6
39	36.3	25.4	38.0

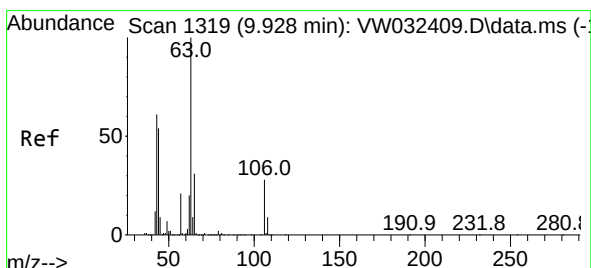
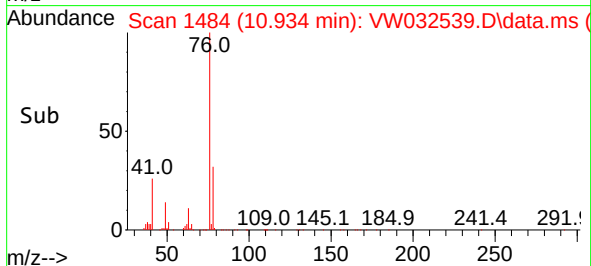
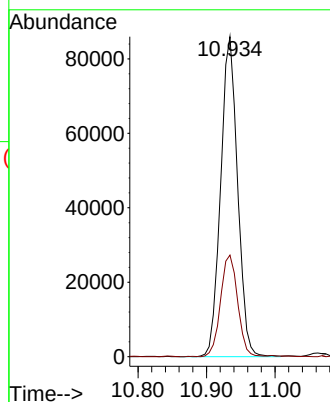
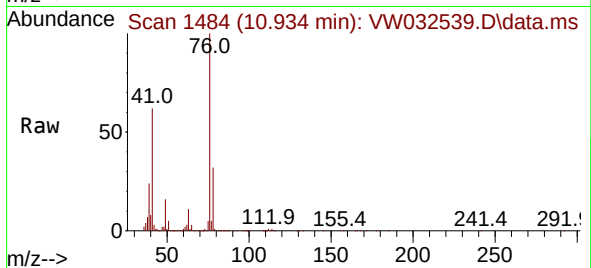




#57
1,3-Dichloropropane
Concen: 23.414 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

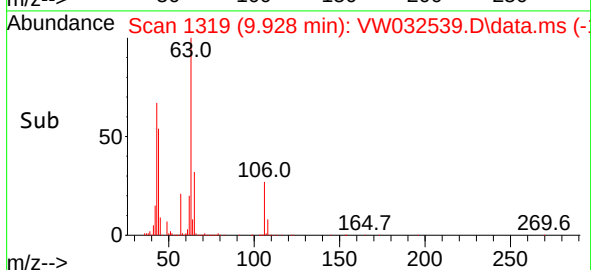
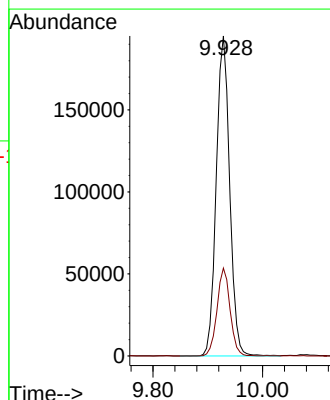
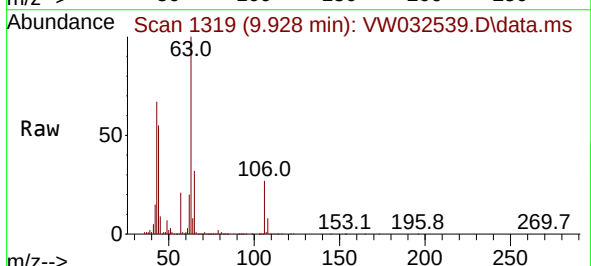
Instrument :
MSVOA_W
ClientSampleId :

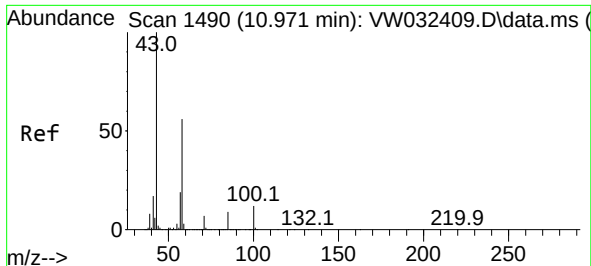
Tgt Ion: 76 Resp: 147192
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 114.836 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 63 Resp: 330271
Ion Ratio Lower Upper
63 100
106 26.8 22.0 33.0

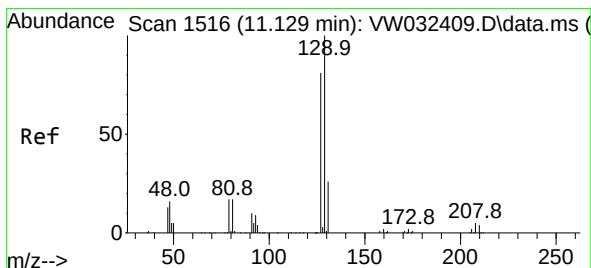
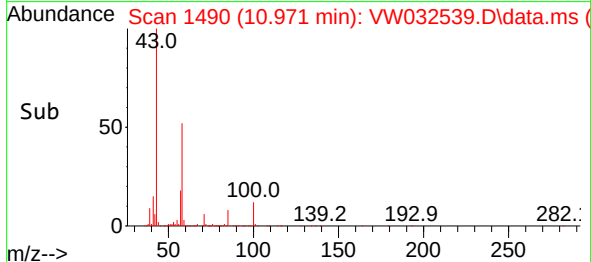
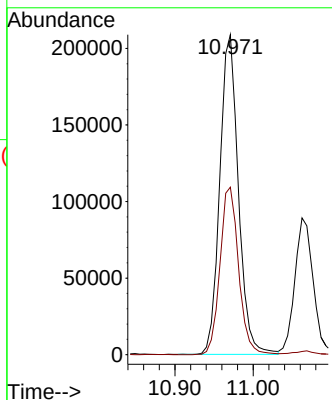
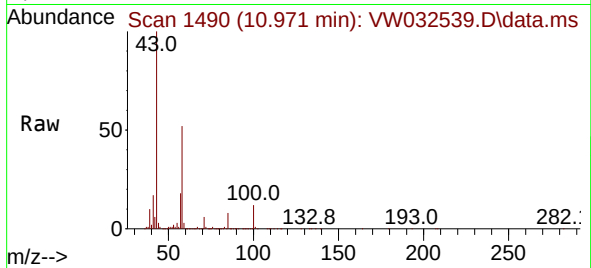




#59
2-Hexanone
Concen: 118.324 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

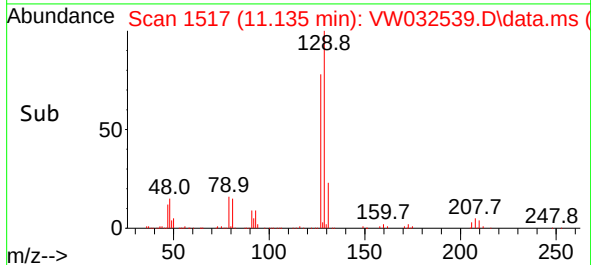
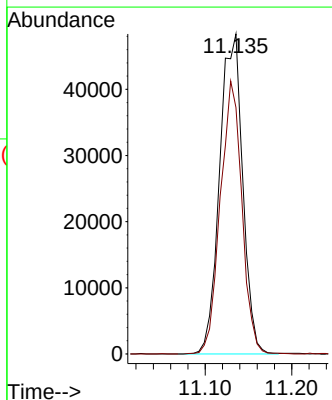
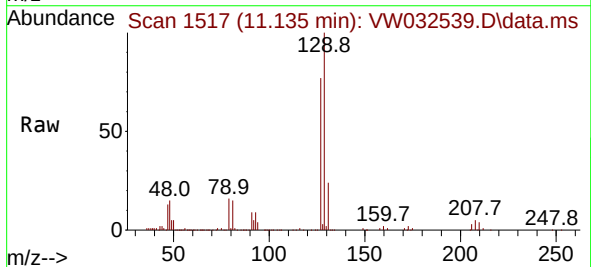
Instrument :
MSVOA_W
ClientSampleId :

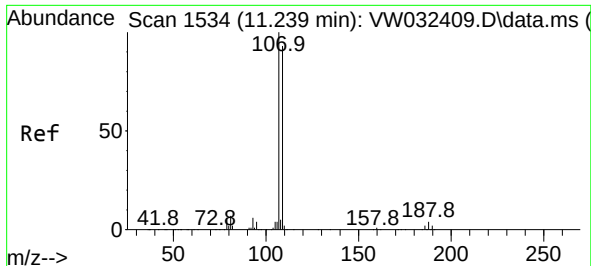
Tgt Ion: 43 Resp: 345026
Ion Ratio Lower Upper
43 100
58 52.5 27.4 82.2



#60
Dibromochloromethane
Concen: 22.731 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:129 Resp: 89346
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6

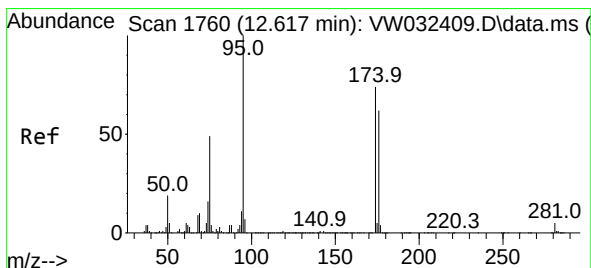
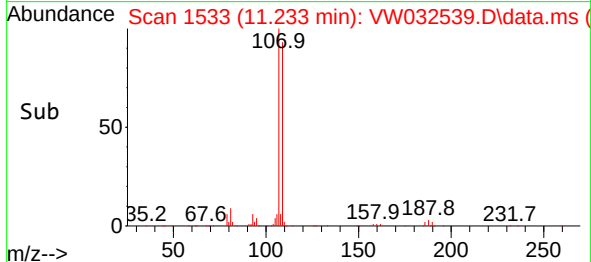
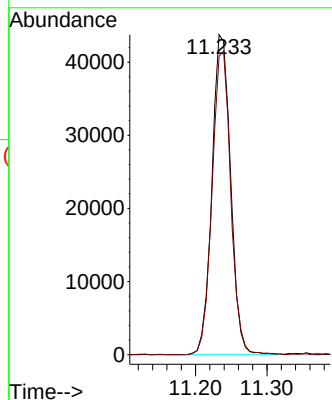
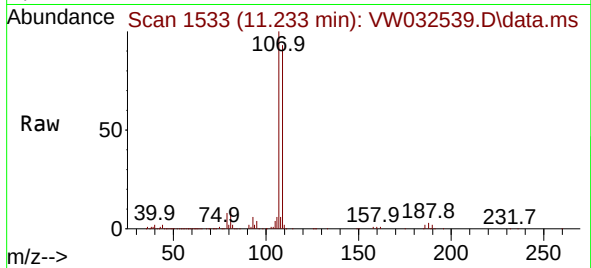




#61
1,2-Dibromoethane
Concen: 23.095 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

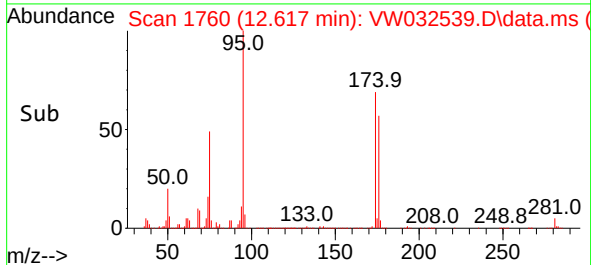
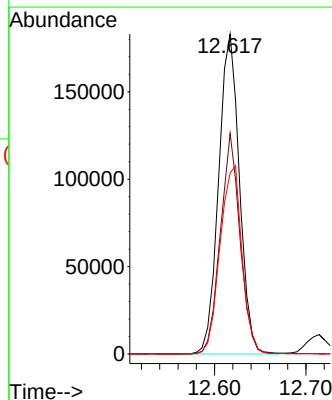
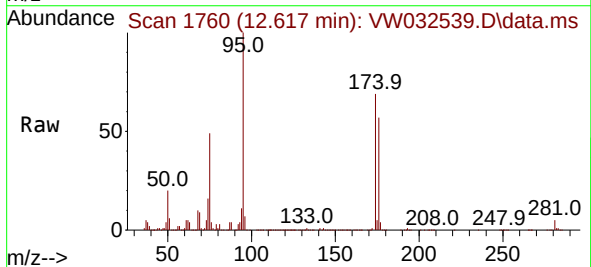
Instrument :
MSVOA_W
ClientSampleId :

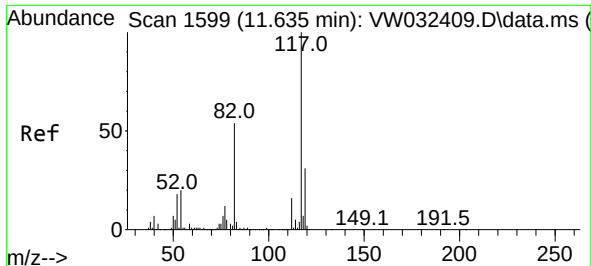
Tgt Ion:107 Resp: 79173
Ion Ratio Lower Upper
107 100
109 95.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 53.714 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 95 Resp: 289278
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.4
176 62.3 0.0 131.8

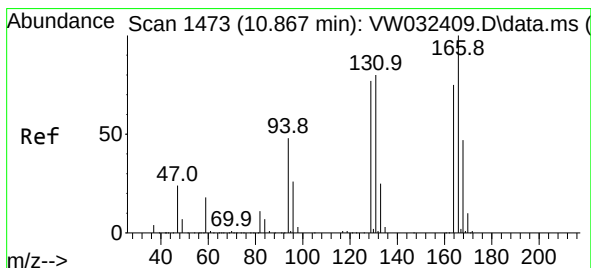
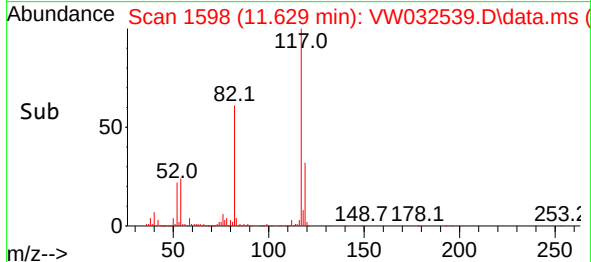
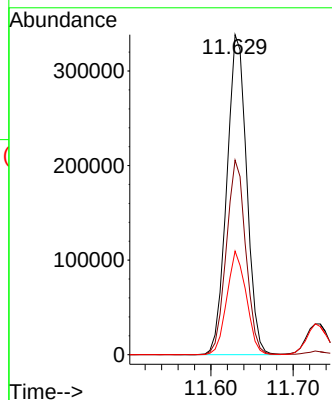
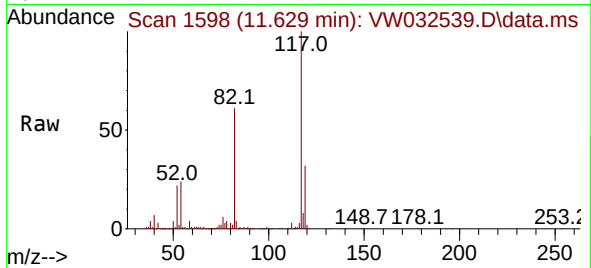




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

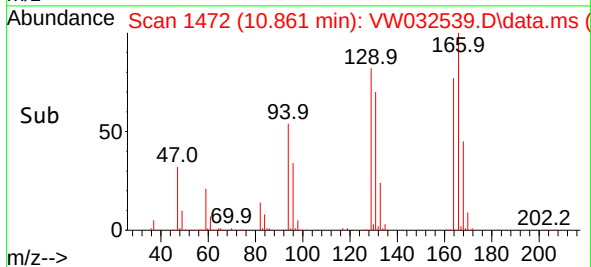
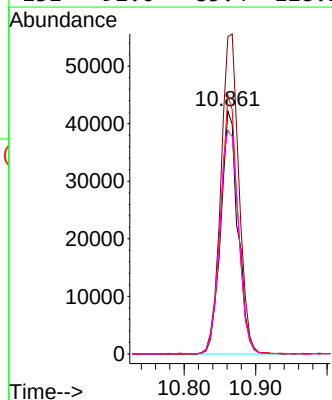
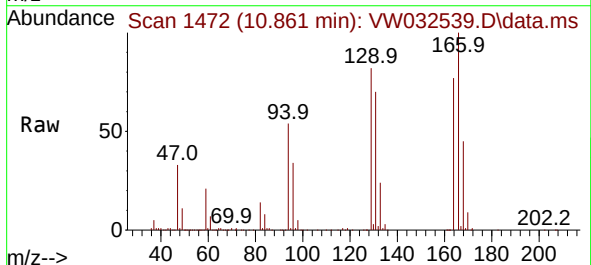
Instrument :
MSVOA_W
ClientSampleId :

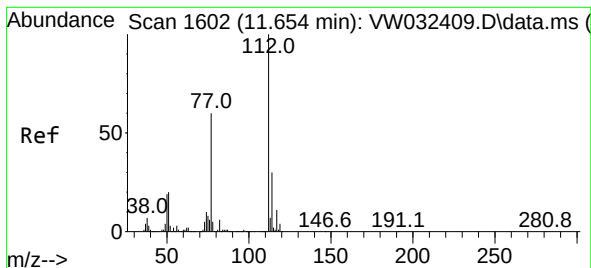
Tgt Ion:117 Resp: 568775
Ion Ratio Lower Upper
117 100
82 60.8 43.0 64.4
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 21.019 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:164 Resp: 70794
Ion Ratio Lower Upper
164 100
166 130.7 107.0 160.4
129 106.7 82.9 124.3
131 92.0 85.4 128.2





#65

Chlorobenzene

Concen: 21.930 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

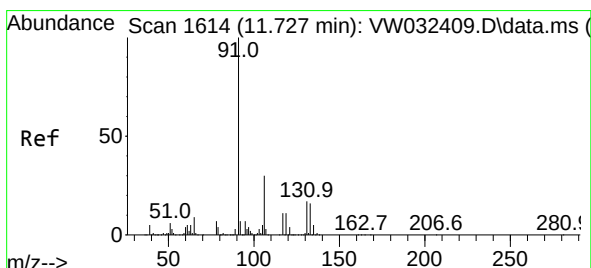
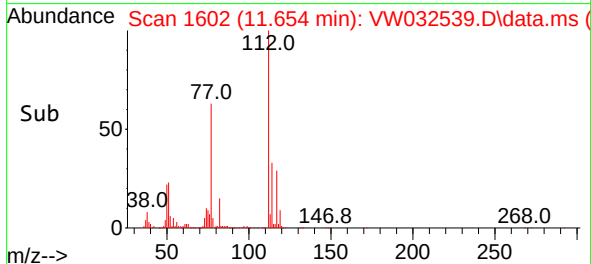
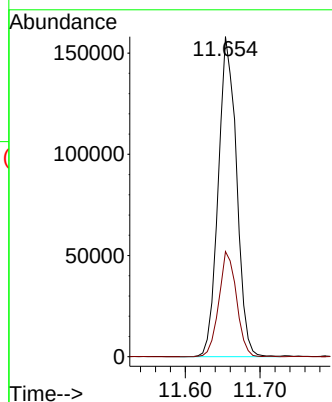
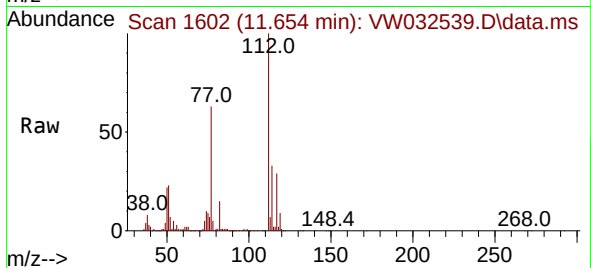
ClientSampleId :

Tgt Ion:112 Resp: 268839

Ion Ratio Lower Upper

112 100

114 32.8 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.601 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

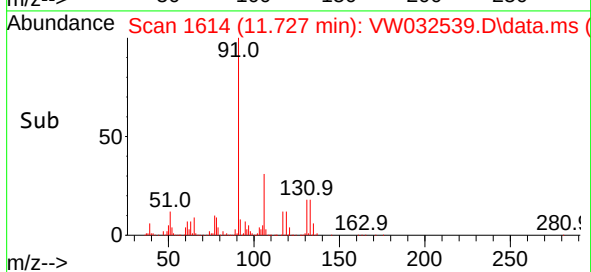
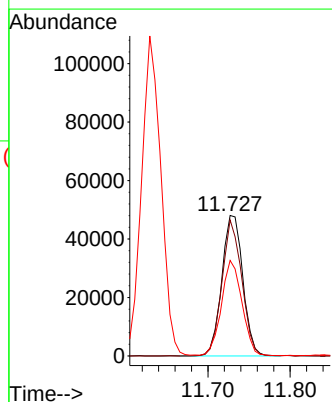
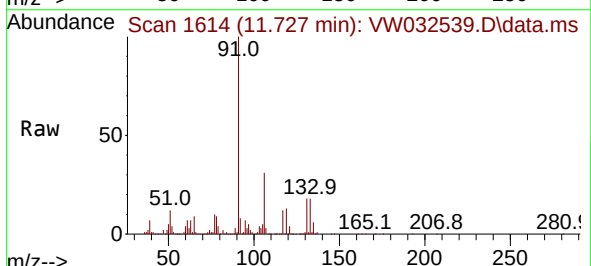
Tgt Ion:131 Resp: 85748

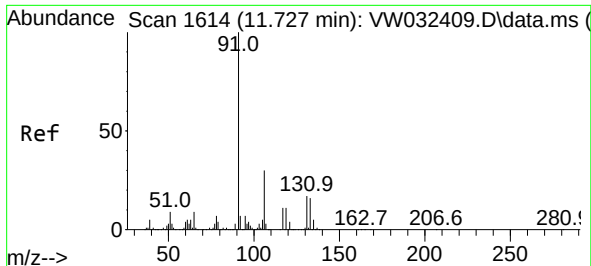
Ion Ratio Lower Upper

131 100

133 91.2 46.9 140.6

119 66.0 33.4 100.2





#67

Ethyl Benzene

Concen: 21.221 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

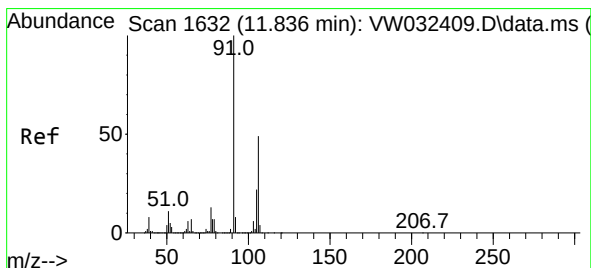
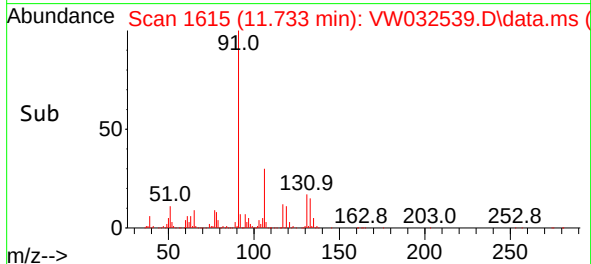
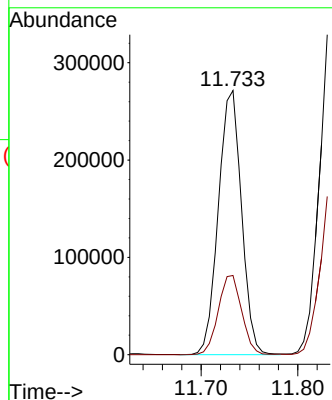
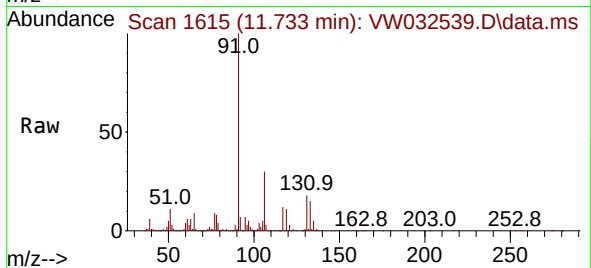
ClientSampleId :

Tgt Ion: 91 Resp: 450136

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#68

m/p-Xylenes

Concen: 44.716 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032539.D

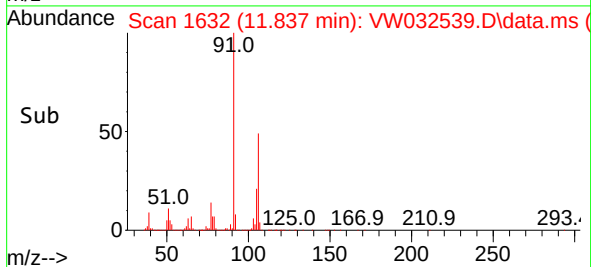
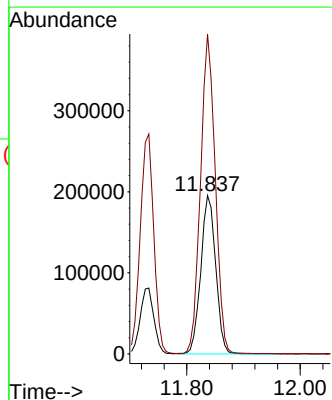
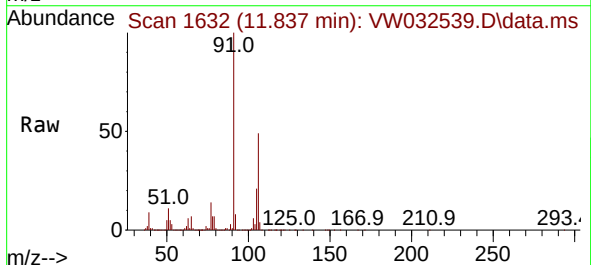
Acq: 26 Nov 2025 13:27

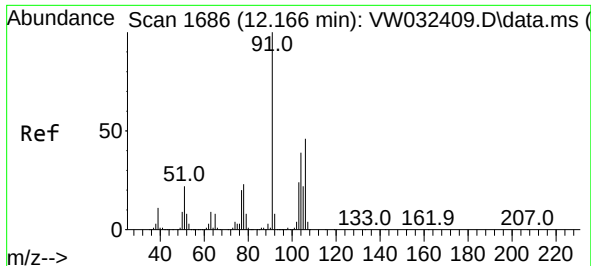
Tgt Ion:106 Resp: 356130

Ion Ratio Lower Upper

106 100

91 199.3 165.5 248.3

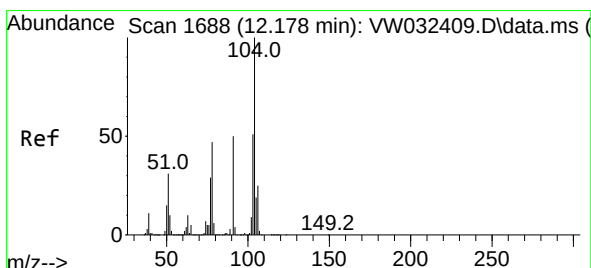
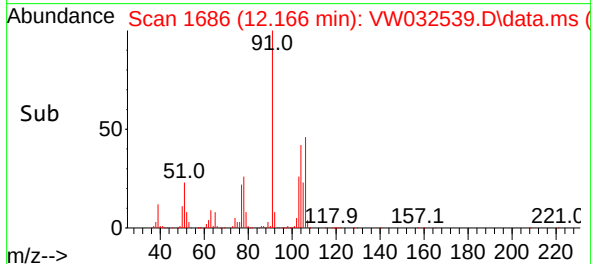
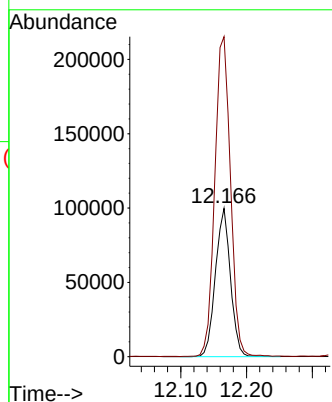
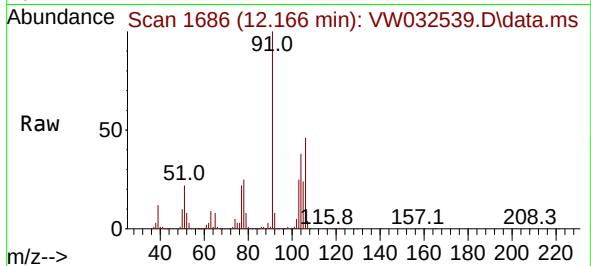




#69
o-Xylene
Concen: 20.826 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

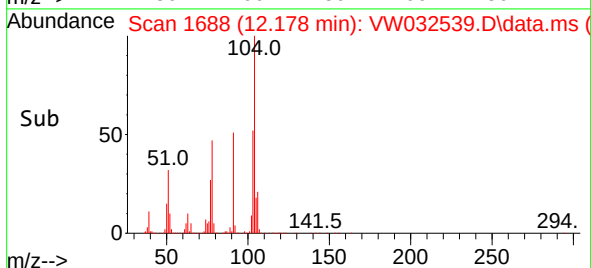
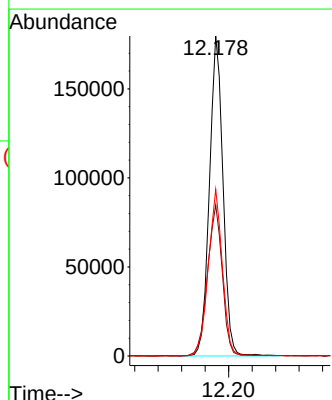
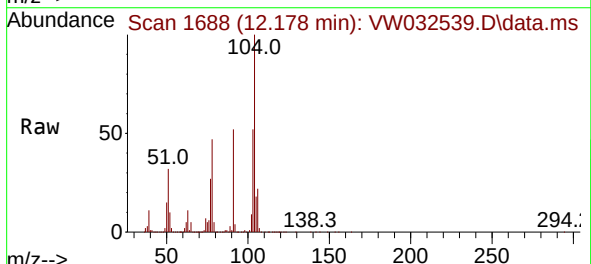
Instrument :
MSVOA_W
ClientSampleId :

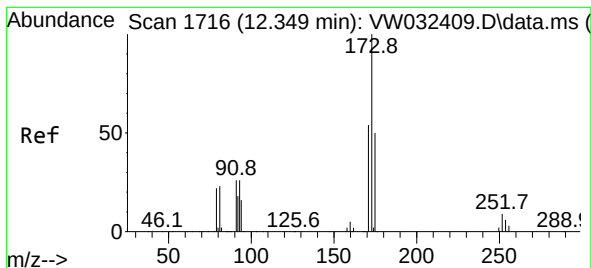
Tgt Ion:106 Resp: 158809
Ion Ratio Lower Upper
106 100
91 225.1 109.3 327.8



#70
Styrene
Concen: 21.959 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:104 Resp: 288062
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 54.3 43.9 65.9





#71

Bromoform

Concen: 22.221 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

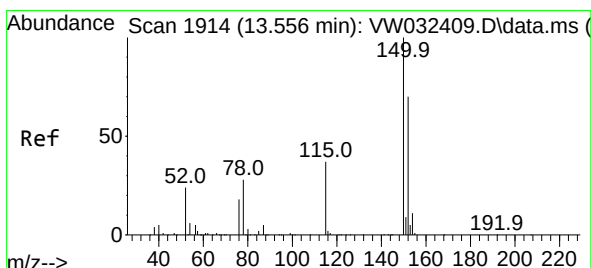
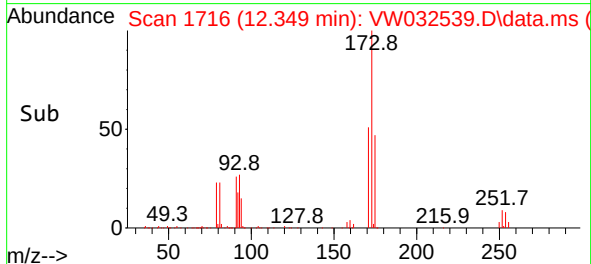
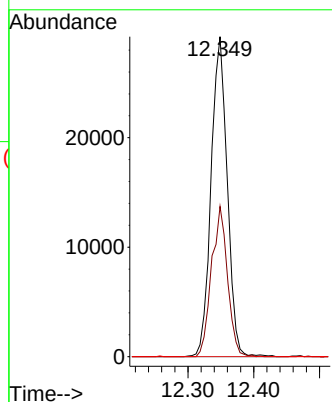
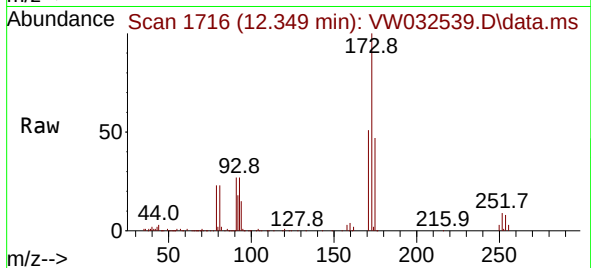
Tgt Ion:173 Resp: 49936

Ion Ratio Lower Upper

173 100

175 46.5 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: VW032539.D

Acq: 26 Nov 2025 13:27

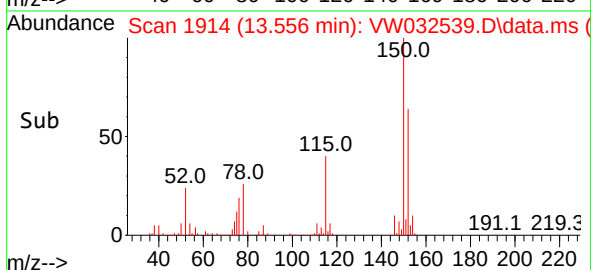
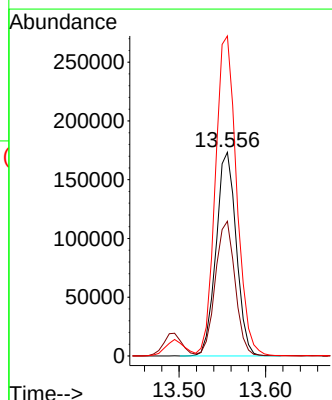
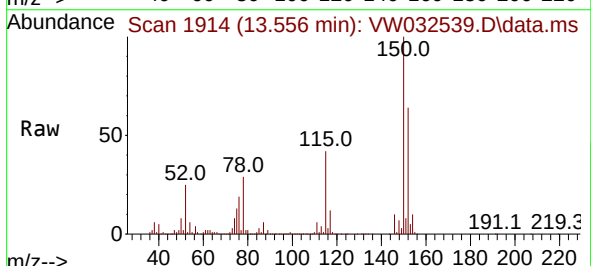
Tgt Ion:152 Resp: 279860

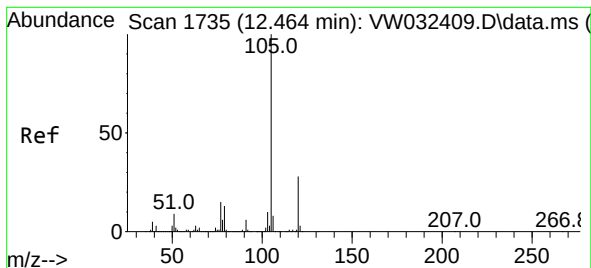
Ion Ratio Lower Upper

152 100

115 65.0 32.8 98.3

150 165.6 0.0 356.6





#73

Isopropylbenzene

Concen: 19.702 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

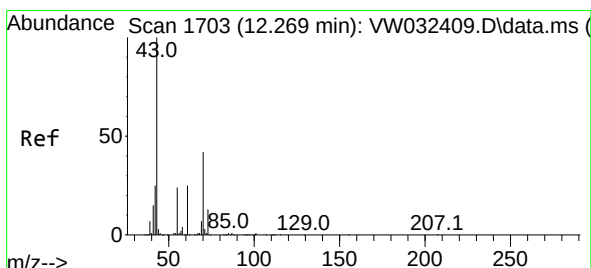
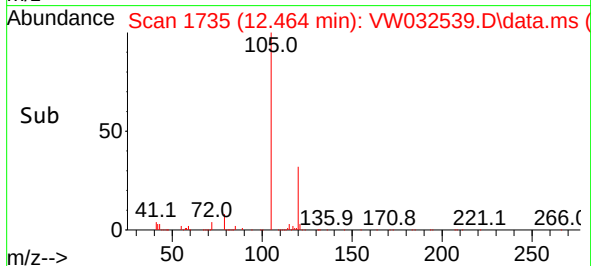
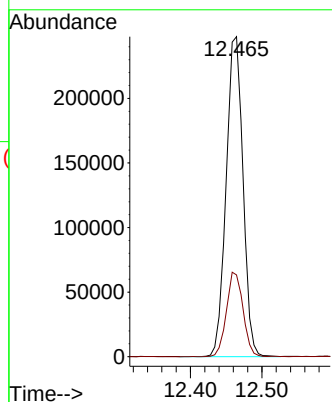
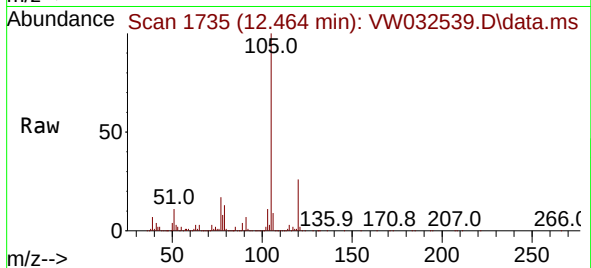
ClientSampleId :

Tgt Ion:105 Resp: 404944

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 21.131 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Tgt Ion: 43 Resp: 150925

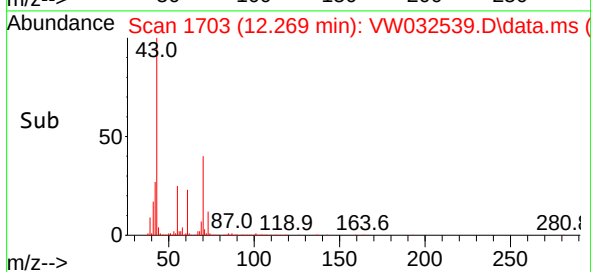
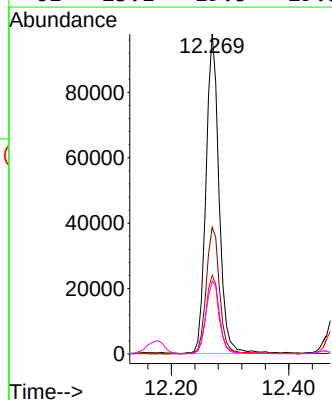
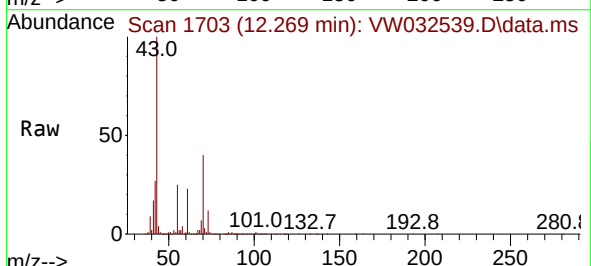
Ion Ratio Lower Upper

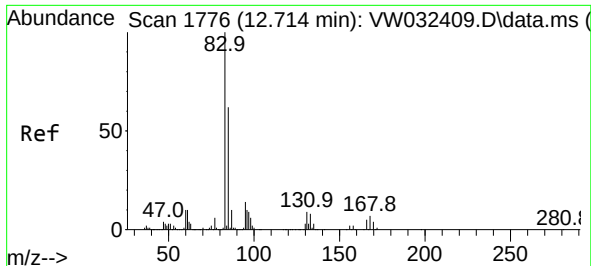
43 100

70 40.9 33.5 50.3

55 25.4 19.3 28.9

61 23.1 19.5 29.3

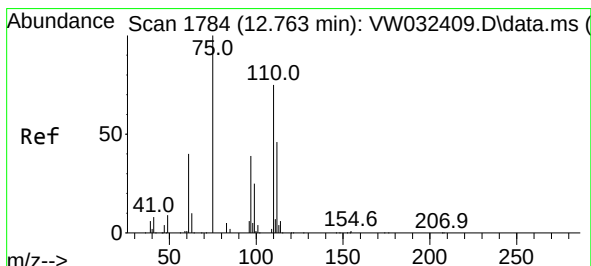
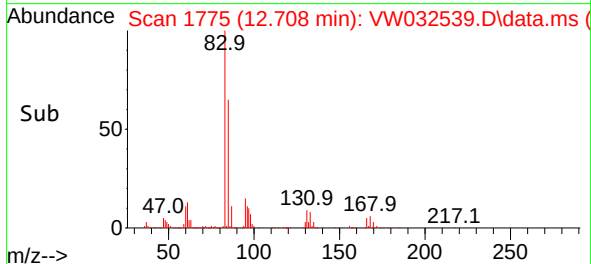
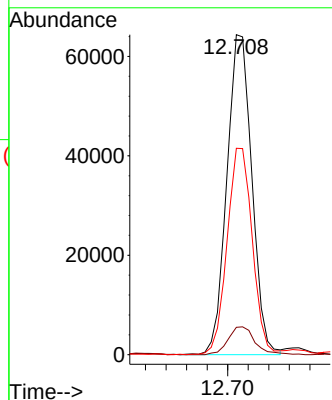
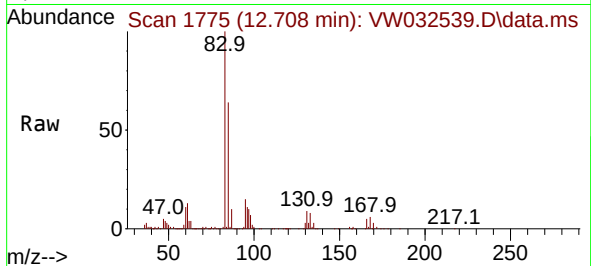




#75
1,1,2,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

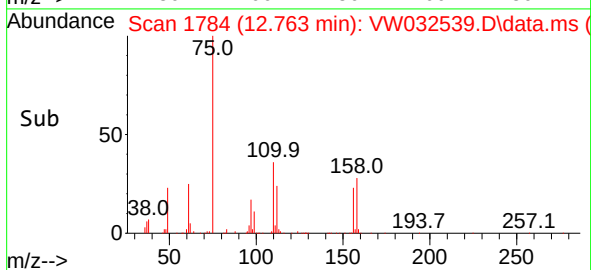
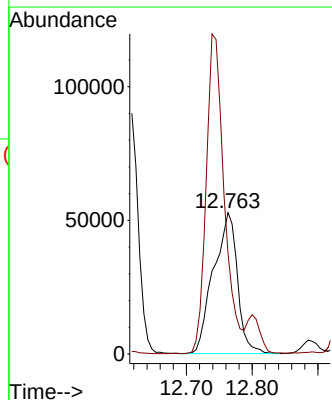
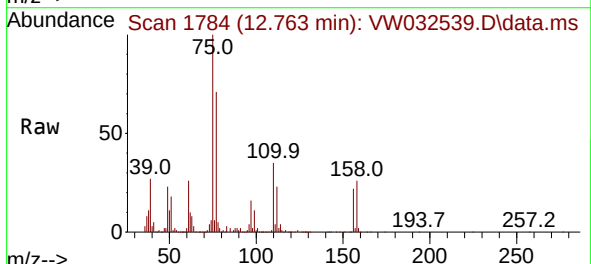
Instrument :
MSVOA_W
ClientSampleId :

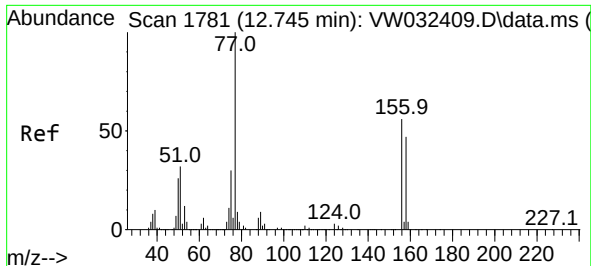
Tgt Ion: 83 Resp: 109057
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 65.1 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 34.845 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 75 Resp: 133713
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

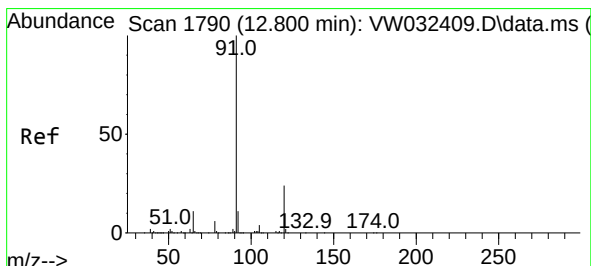
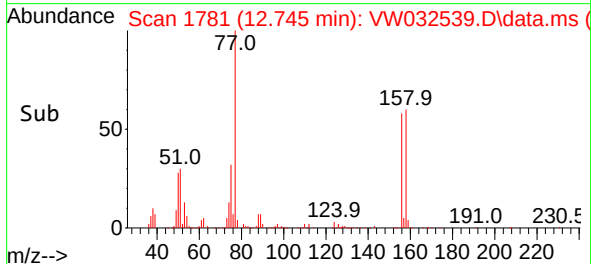
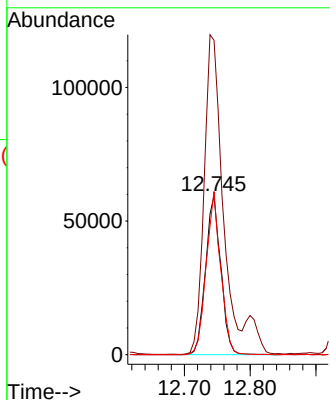
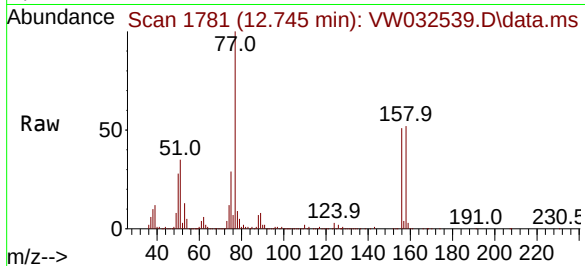




#77
Bromobenzene
Concen: 19.821 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

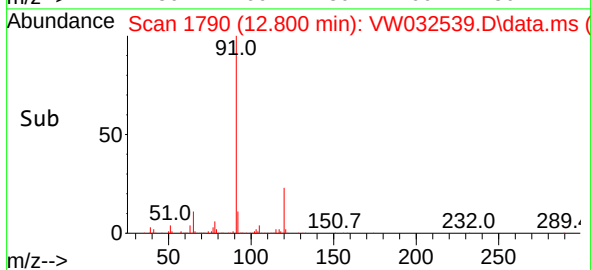
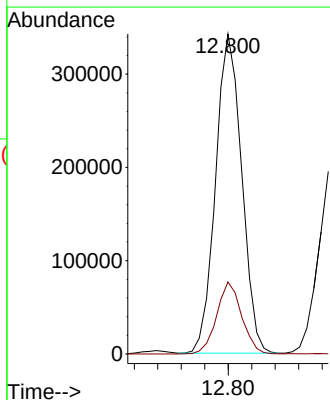
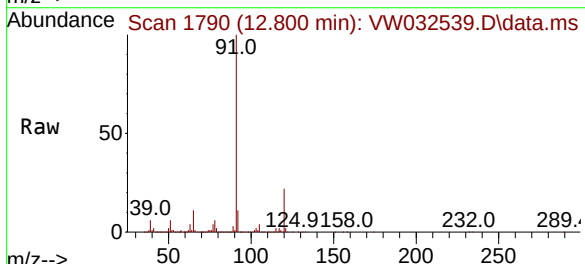
Instrument :
MSVOA_W
ClientSampleId :

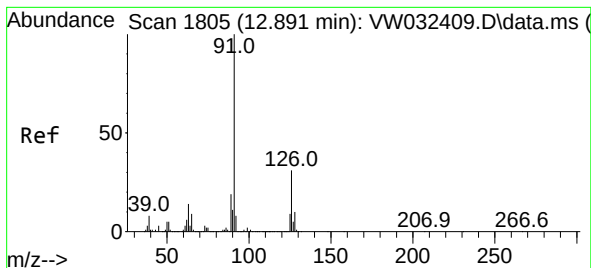
Tgt Ion:156 Resp: 96460
Ion Ratio Lower Upper
156 100
77 238.7 108.0 324.0
158 97.3 45.1 135.5



#78
n-propylbenzene
Concen: 21.095 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 91 Resp: 528028
Ion Ratio Lower Upper
91 100
120 21.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.872 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

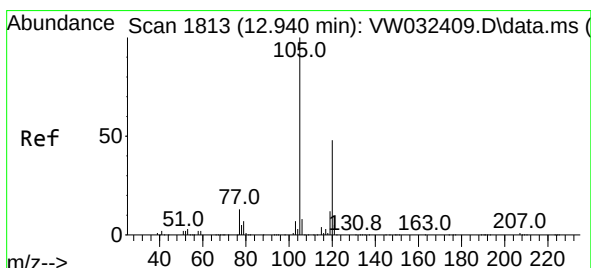
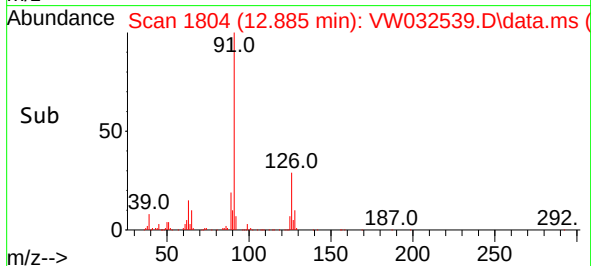
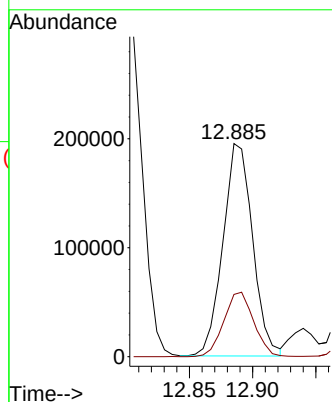
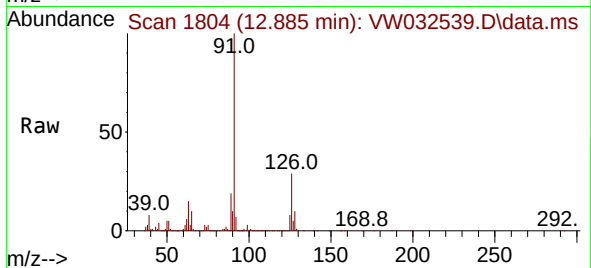
ClientSampleId :

Tgt Ion: 91 Resp: 318930

Ion Ratio Lower Upper

91 100

126 30.6 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 20.908 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032539.D

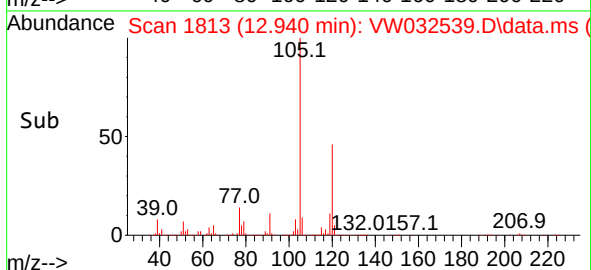
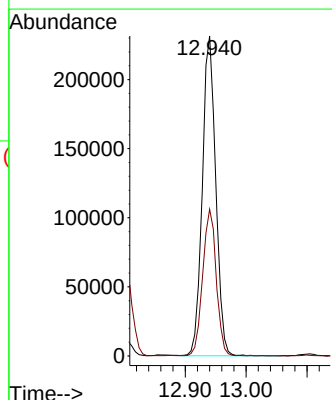
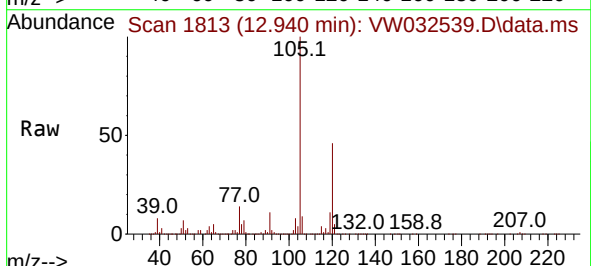
Acq: 26 Nov 2025 13:27

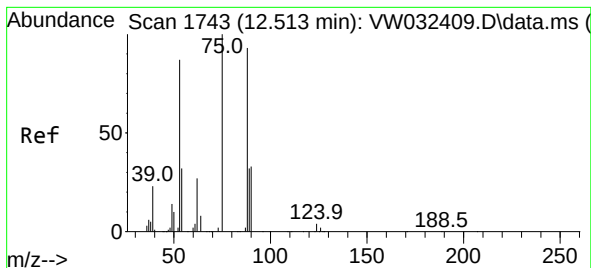
Tgt Ion:105 Resp: 354541

Ion Ratio Lower Upper

105 100

120 46.2 24.2 72.6

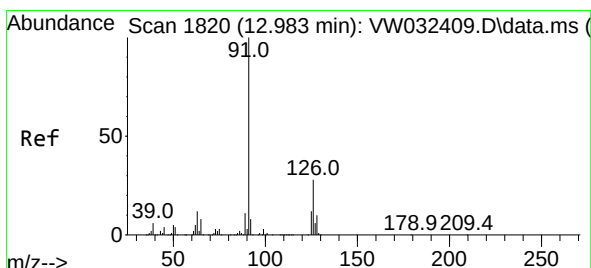
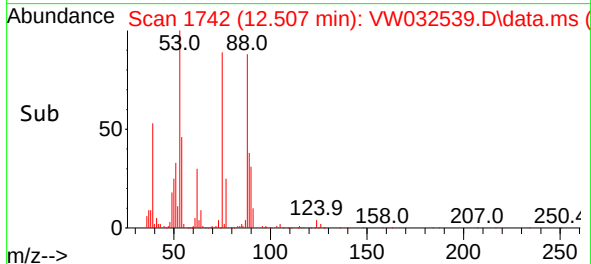
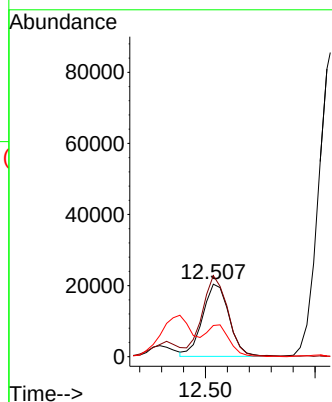
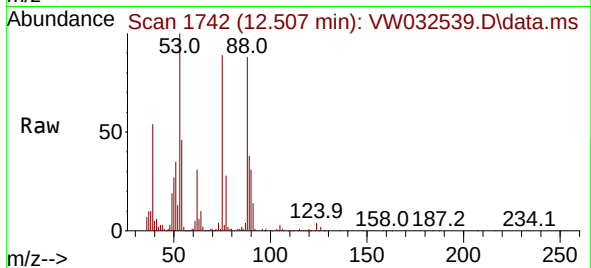




#81
trans-1,4-Dichloro-2-butene
Concen: 20.375 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

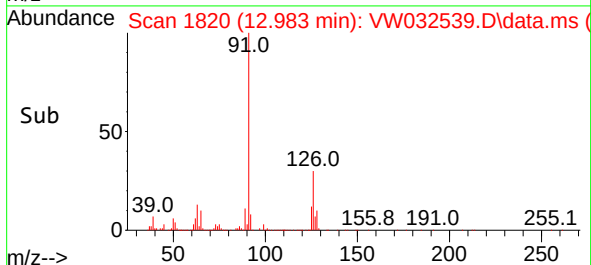
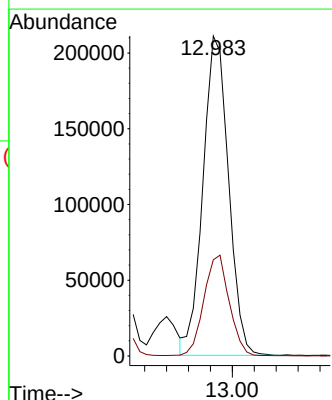
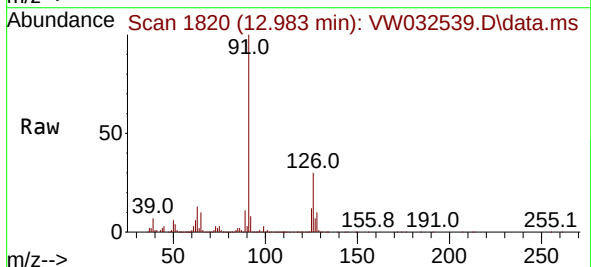
Instrument :
MSVOA_W
ClientSampleId :

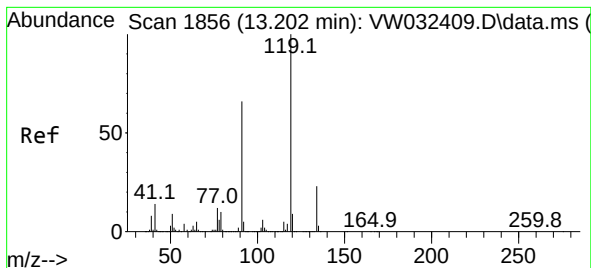
Tgt Ion: 75 Resp: 34136
Ion Ratio Lower Upper
75 100
53 106.9 77.8 116.8
89 38.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 21.518 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion: 91 Resp: 341978
Ion Ratio Lower Upper
91 100
126 31.5 15.5 46.5

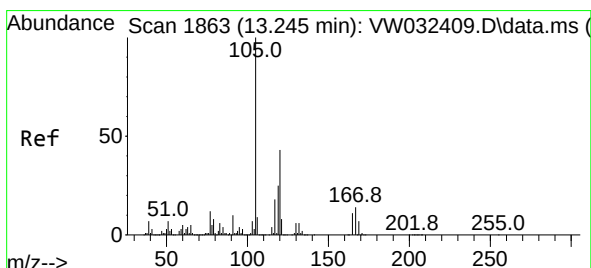
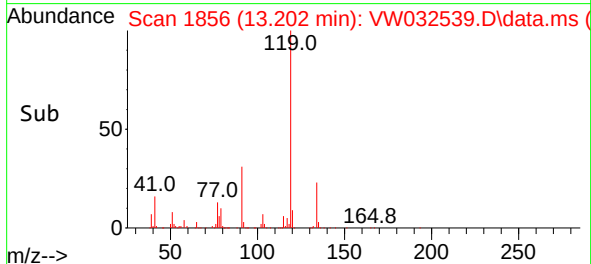
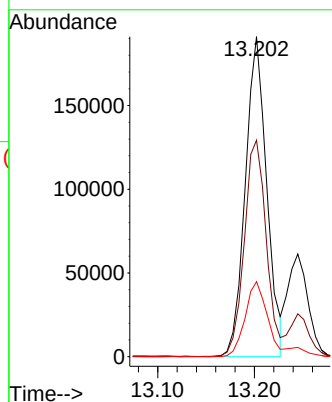
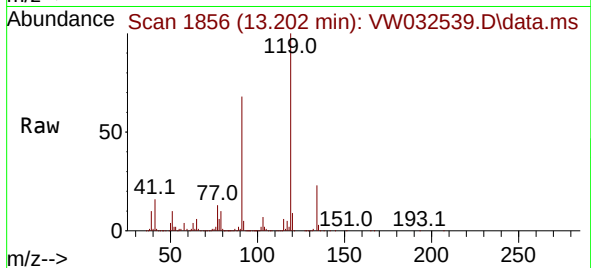




#83
tert-Butylbenzene
Concen: 19.950 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

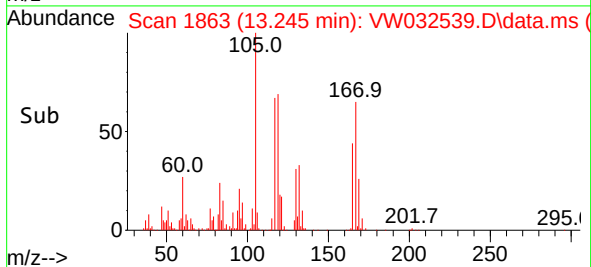
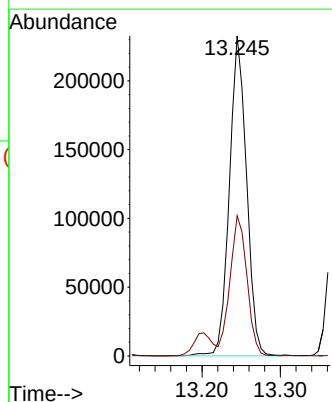
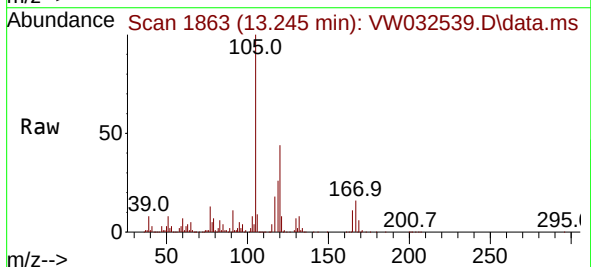
Instrument :
MSVOA_W
ClientSampleId :

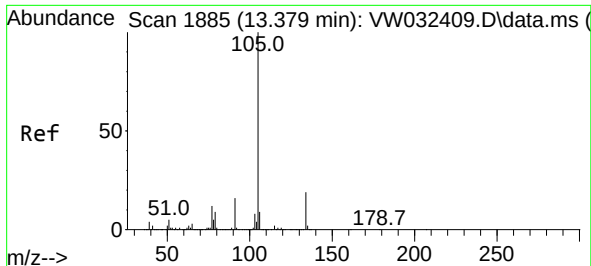
Tgt Ion:119 Resp: 294278
Ion Ratio Lower Upper
119 100
91 69.3 33.3 99.9
134 24.6 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 20.494 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032539.D
Acq: 26 Nov 2025 13:27

Tgt Ion:105 Resp: 353468
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.5

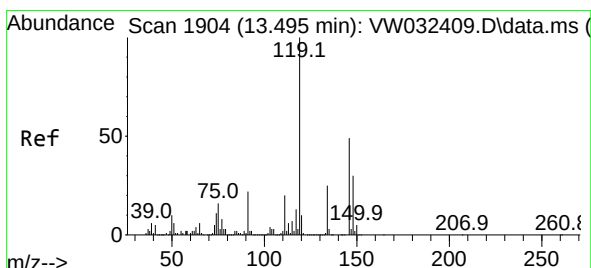
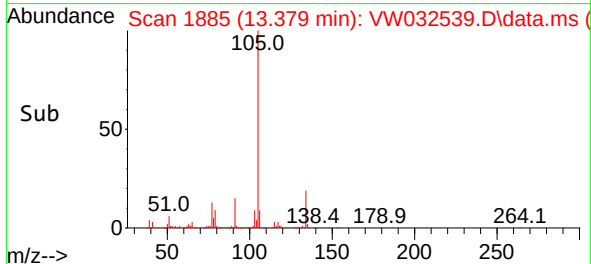
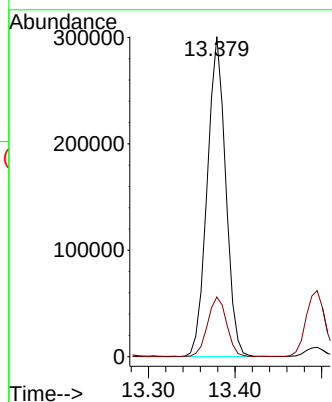
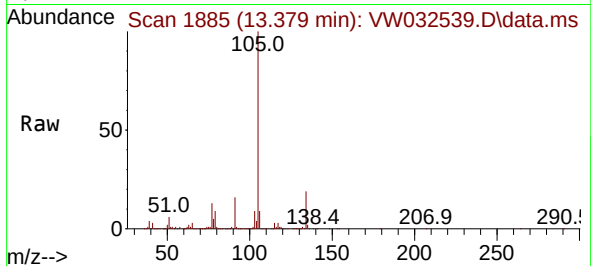




#85
 sec-Butylbenzene
 Concen: 20.241 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

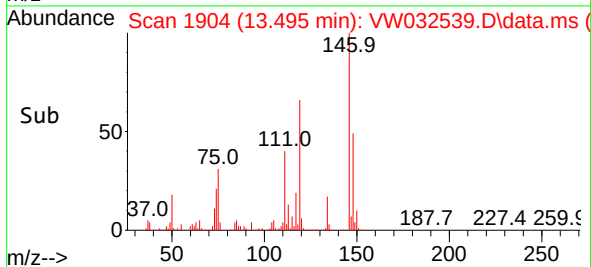
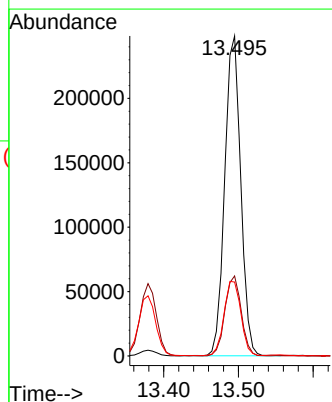
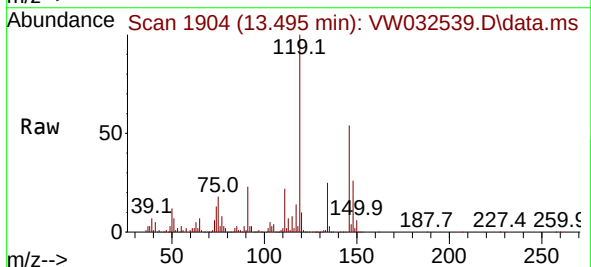
Instrument :
 MSVOA_W
 ClientSampleId :

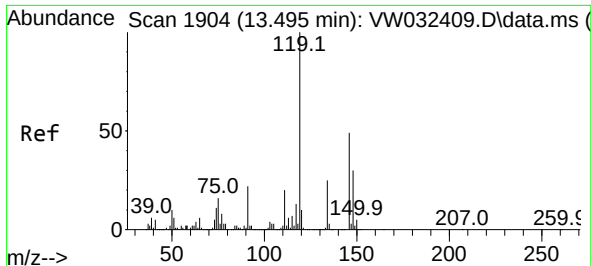
Tgt Ion:105 Resp: 444665
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.381 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032539.D
 Acq: 26 Nov 2025 13:27

Tgt Ion:119 Resp: 369689
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.780 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

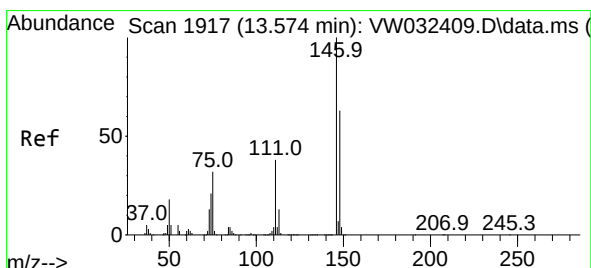
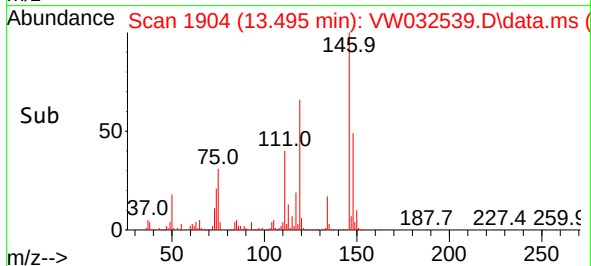
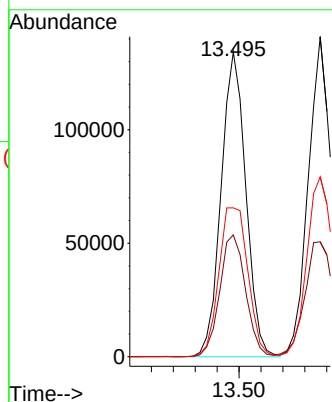
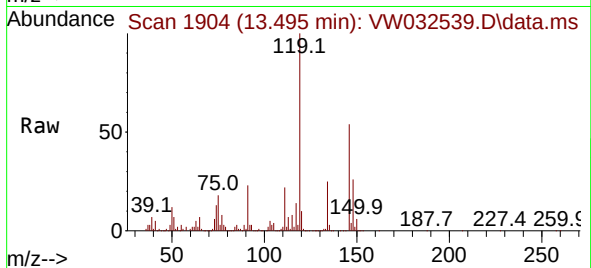
Tgt Ion:146 Resp: 210184

Ion Ratio Lower Upper

146 100

111 41.8 22.2 66.6

148 57.5 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 22.577 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

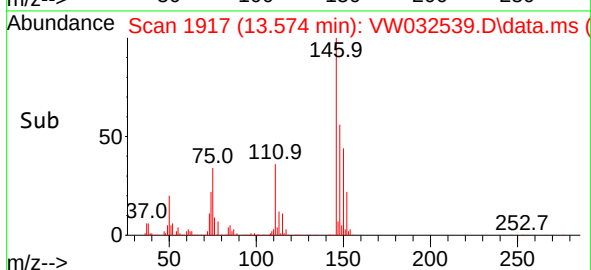
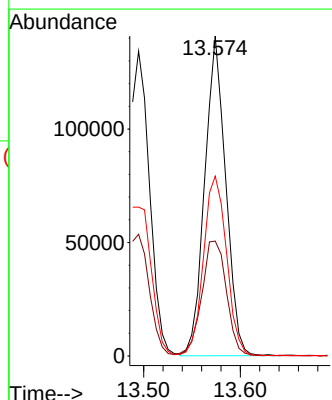
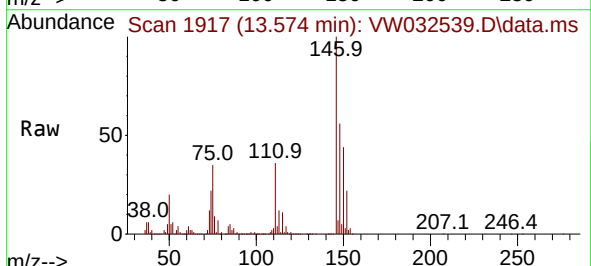
Tgt Ion:146 Resp: 213417

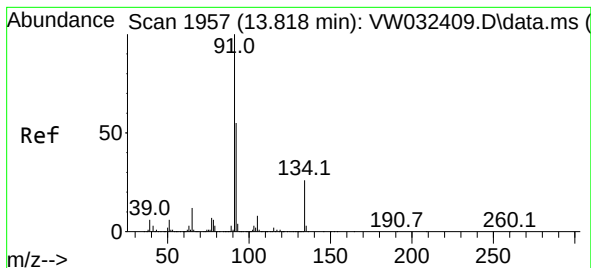
Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.6

148 61.6 31.2 93.6





#89

n-Butylbenzene

Concen: 20.320 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

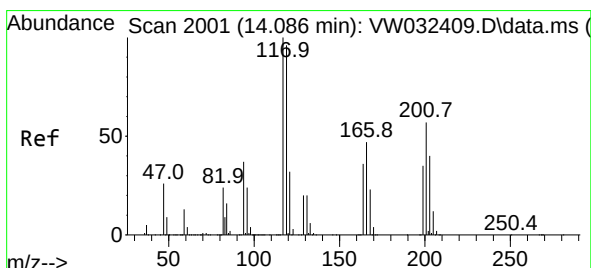
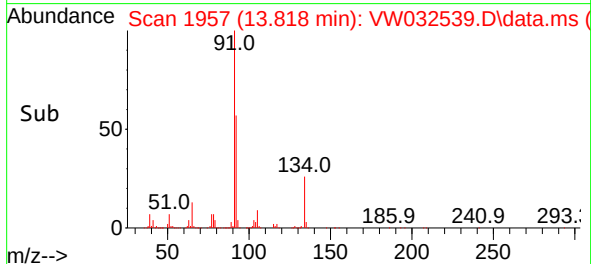
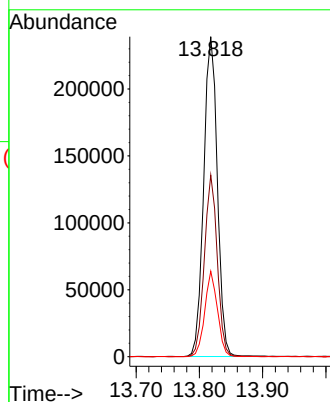
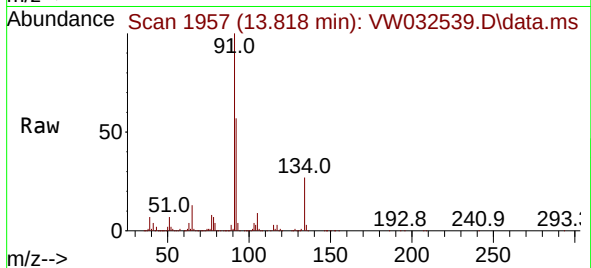
Tgt Ion: 91 Resp: 360092

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

134 24.9 12.4 37.4



#90

Hexachloroethane

Concen: 21.509 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032539.D

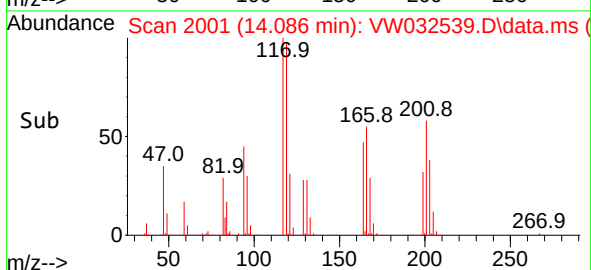
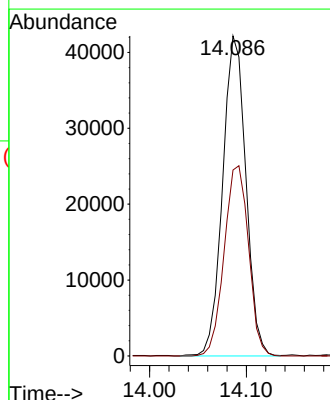
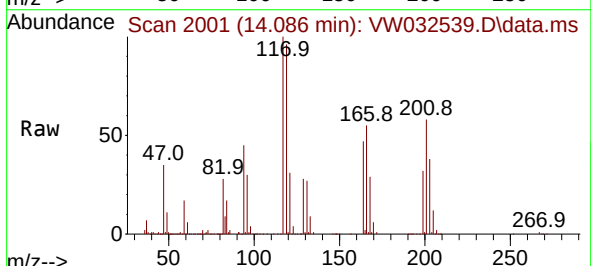
Acq: 26 Nov 2025 13:27

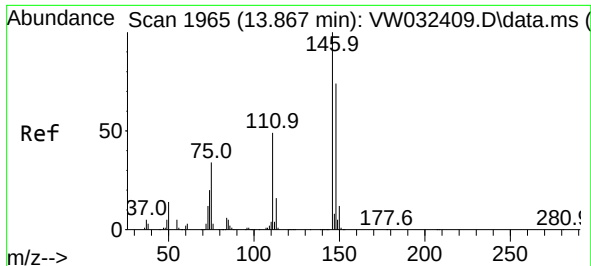
Tgt Ion: 117 Resp: 70341

Ion Ratio Lower Upper

117 100

201 62.3 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 21.888 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

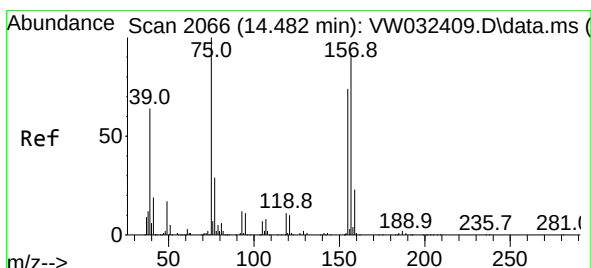
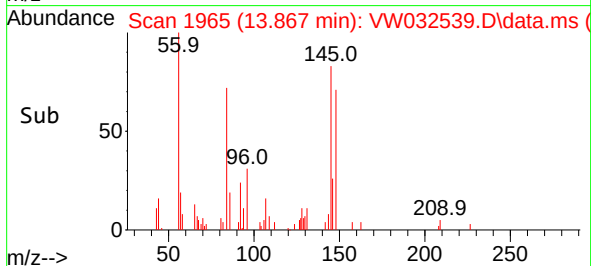
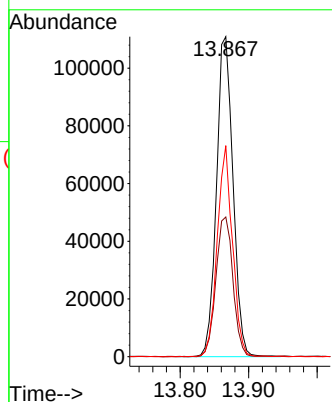
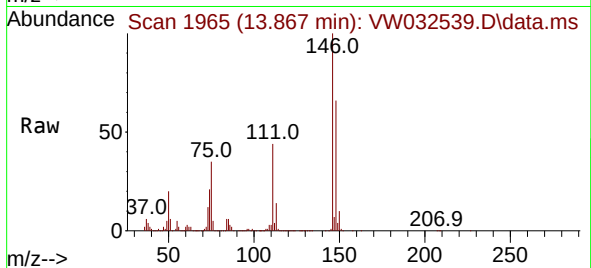
Tgt Ion:146 Resp: 185394

Ion Ratio Lower Upper

146 100

111 45.1 23.4 70.2

148 60.9 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.024 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

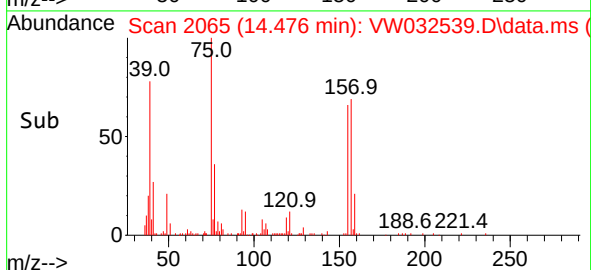
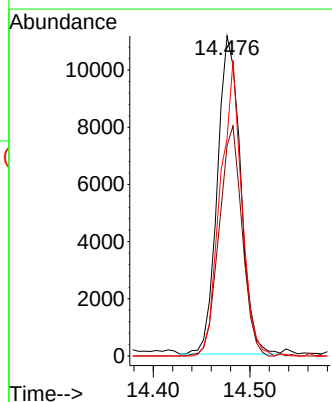
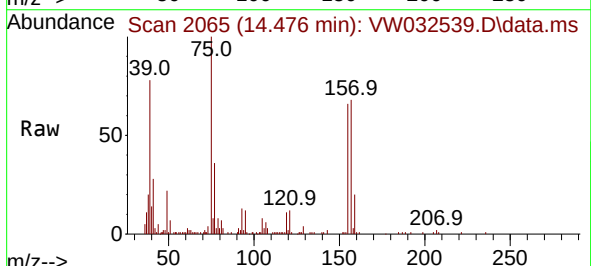
Tgt Ion: 75 Resp: 18507

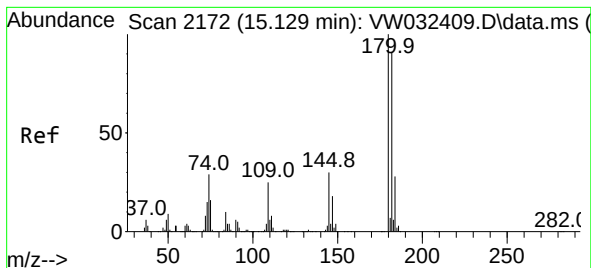
Ion Ratio Lower Upper

75 100

155 71.5 36.2 108.6

157 85.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.461 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

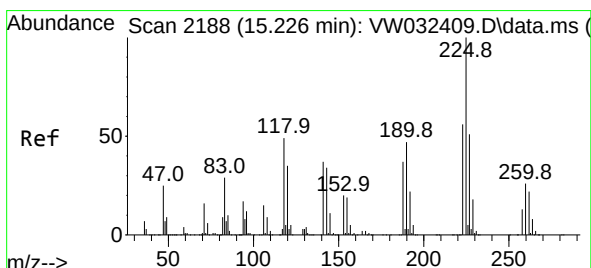
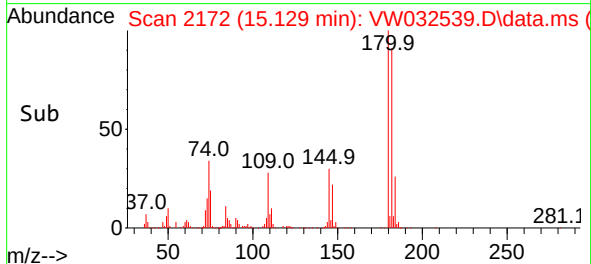
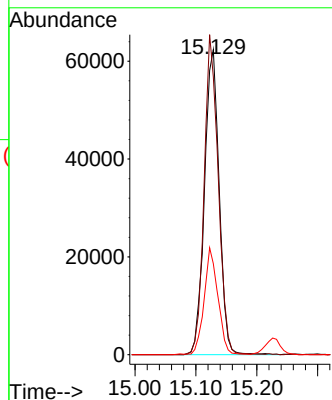
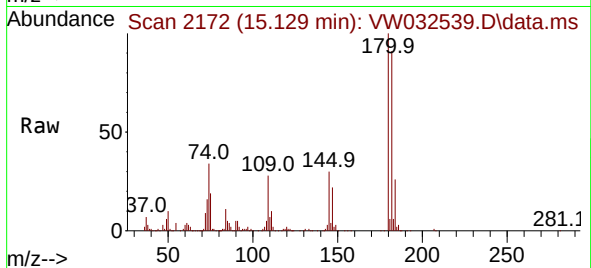
Tgt Ion:180 Resp: 104896

Ion Ratio Lower Upper

180 100

182 100.2 45.3 135.9

145 32.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 22.542 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

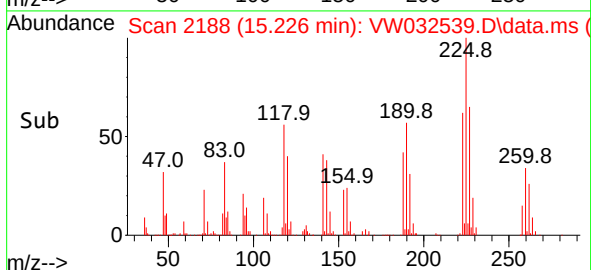
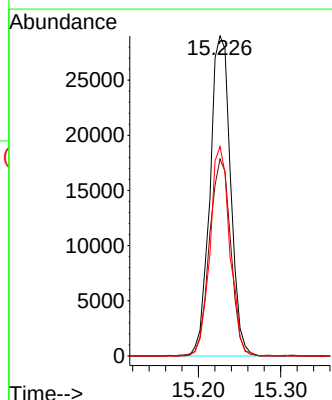
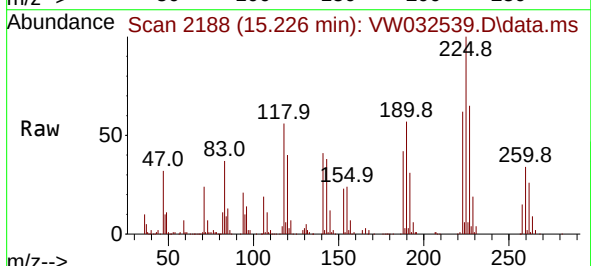
Tgt Ion:225 Resp: 50470

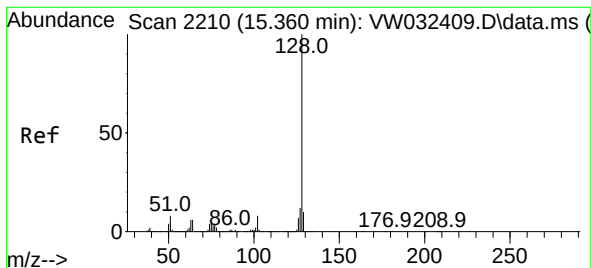
Ion Ratio Lower Upper

225 100

223 63.3 30.6 91.8

227 63.1 29.8 89.4





#95

Naphthalene

Concen: 19.204 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

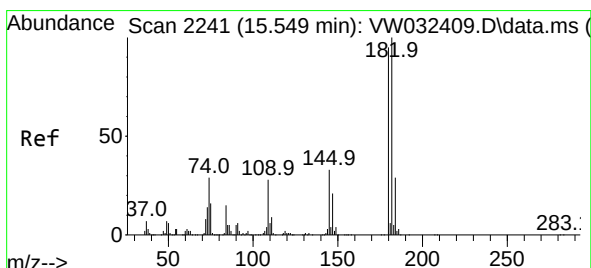
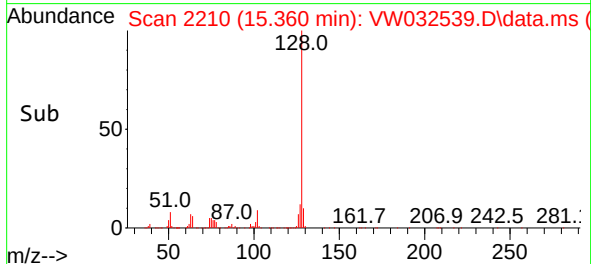
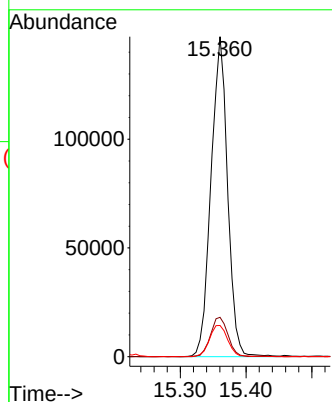
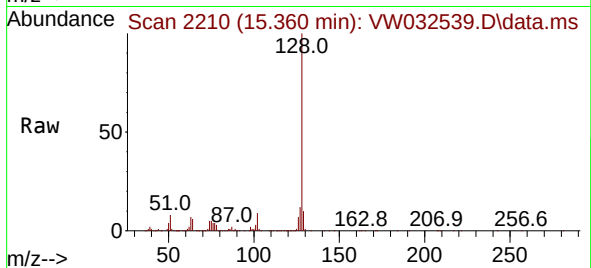
Tgt Ion:128 Resp: 258122

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.788 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032539.D

Acq: 26 Nov 2025 13:27

Tgt Ion:180 Resp: 101723

Ion Ratio Lower Upper

180 100

182 89.5 50.3 151.0

145 36.6 17.8 53.3

