

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032265.D
 Acq On : 25 Sep 2025 14:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 07:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	275381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	493743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	451873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222449	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	192251	44.214	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	88.420%
35) Dibromofluoromethane	7.898	113	160415	45.177	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.360%
50) Toluene-d8	10.324	98	599404	46.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.680%
62) 4-Bromofluorobenzene	12.617	95	224886	46.588	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.045	85	77331	40.645	ug/l	97
3) Chloromethane	2.253	50	115143	42.288	ug/l	93
4) Vinyl Chloride	2.405	62	142880	44.912	ug/l	99
5) Bromomethane	2.820	94	99519	45.811	ug/l	94
6) Chloroethane	2.972	64	98382	45.637	ug/l	98
7) Trichlorofluoromethane	3.301	101	101896	42.509	ug/l	100
8) Diethyl Ether	3.716	74	98989	43.674	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138798	45.364	ug/l	98
10) Methyl Iodide	4.313	142	192131	46.427	ug/l	97
11) Tert butyl alcohol	5.216	59	70266	232.801	ug/l	99
12) 1,1-Dichloroethene	4.082	96	147736	45.171	ug/l	96
13) Acrolein	3.929	56	118579	220.732	ug/l	94
14) Allyl chloride	4.703	41	238823	47.051	ug/l	99
15) Acrylonitrile	5.398	53	268385	229.914	ug/l	100
16) Acetone	4.161	43	275365	246.593	ug/l	99
17) Carbon Disulfide	4.417	76	341149	45.366	ug/l	99
18) Methyl Acetate	4.703	43	197694	51.476	ug/l	98
19) Methyl tert-butyl Ether	5.459	73	303552	50.070	ug/l	98
20) Methylene Chloride	4.947	84	175238	42.256	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	162872	46.181	ug/l	91
22) Diisopropyl ether	6.343	45	540578	47.929	ug/l	97
23) Vinyl Acetate	6.282	43	1729901	238.412	ug/l	99
24) 1,1-Dichloroethane	6.240	63	327611	46.013	ug/l	99
25) 2-Butanone	7.191	43	380974	244.766	ug/l	96
26) 2,2-Dichloropropane	7.191	77	165803	47.257	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	203186	46.321	ug/l	98
28) Bromochloromethane	7.532	49	157473	46.350	ug/l #	98
29) Tetrahydrofuran	7.551	42	235105	232.669	ug/l	99
30) Chloroform	7.691	83	338340	45.544	ug/l	96
31) Cyclohexane	7.971	56	242682	43.225	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	230793	46.116	ug/l	99
36) 1,1-Dichloropropene	8.093	75	227191	47.457	ug/l	100
37) Ethyl Acetate	7.270	43	148163	46.666	ug/l	99
38) Carbon Tetrachloride	8.081	117	211869	47.040	ug/l	98
39) Methylcyclohexane	9.343	83	268585	48.487	ug/l	96
40) Benzene	8.331	78	707587	46.957	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	88790	48.829	ug/l	96
42) 1,2-Dichloroethane	8.410	62	234326	46.783	ug/l	99
43) Isopropyl Acetate	8.435	43	277465	48.820	ug/l	99
44) Trichloroethene	9.099	130	165536	46.998	ug/l	88
45) 1,2-Dichloropropane	9.373	63	179584	46.014	ug/l	99
46) Dibromomethane	9.465	93	111930	46.647	ug/l	98
47) Bromodichloromethane	9.648	83	254445	46.492	ug/l	100
48) Methyl methacrylate	9.440	41	134674	50.368	ug/l	98
49) 1,4-Dioxane	9.459	88	31181	970.255	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	818368	242.856	ug/l	99
52) Toluene	10.391	92	453815	48.589	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	251526	50.162	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	282634	48.823	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	150225	45.866	ug/l	97
56) Ethyl methacrylate	10.648	69	217909	50.508	ug/l	98
57) 1,3-Dichloropropane	10.934	76	267442	47.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	630192	266.090	ug/l	99
59) 2-Hexanone	10.971	43	580772	252.380	ug/l	99
60) Dibromochloromethane	11.129	129	168649	46.885	ug/l	97
61) 1,2-Dibromoethane	11.233	107	146339	47.160	ug/l	96
64) Tetrachloroethene	10.867	164	135242	49.112	ug/l	95
65) Chlorobenzene	11.660	112	499921	48.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	163293	49.606	ug/l	97
67) Ethyl Benzene	11.733	91	856675	50.283	ug/l	100
68) m/p-Xylenes	11.836	106	661932	101.354	ug/l	94
69) o-Xylene	12.166	106	311812	50.802	ug/l	99
70) Styrene	12.178	104	561475	52.165	ug/l	99
71) Bromoform	12.348	173	92649	48.298	ug/l #	96
73) Isopropylbenzene	12.464	105	813069	52.514	ug/l	98
74) N-amyl acetate	12.269	43	250576	51.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	198553	48.912	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	241934	79.054	ug/l	42
77) Bromobenzene	12.745	156	187660	49.278	ug/l	91
78) n-propylbenzene	12.800	91	1000306	51.435	ug/l	99
79) 2-Chlorotoluene	12.891	91	602382	51.132	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	673147	50.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	60514	51.360	ug/l	99
82) 4-Chlorotoluene	12.982	91	637484	51.201	ug/l	99
83) tert-Butylbenzene	13.196	119	576966	52.118	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	689694	51.317	ug/l	99
85) sec-Butylbenzene	13.379	105	883354	53.137	ug/l	99
86) p-Isopropyltoluene	13.495	119	738513	53.640	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	369709	49.081	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	385587	50.107	ug/l	94
89) n-Butylbenzene	13.818	91	717557	51.933	ug/l	98
90) Hexachloroethane	14.092	117	127284	49.603	ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	338162	47.990	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	33822	48.711	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	208974	49.989	ug/l	99
94) Hexachlorobutadiene	15.226	225	92899	48.387	ug/l	87
95) Naphthalene	15.360	128	524950	52.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	198272	51.008	ug/l	99

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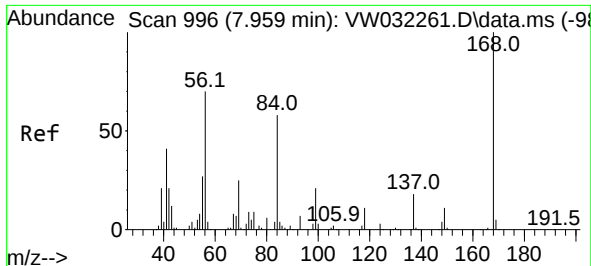
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QLast Update : Fri Sep 26 07:11:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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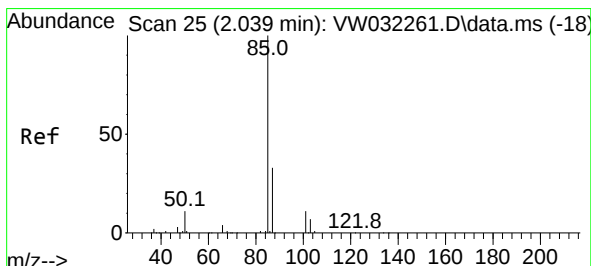
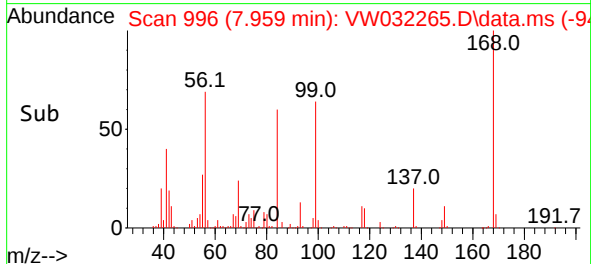
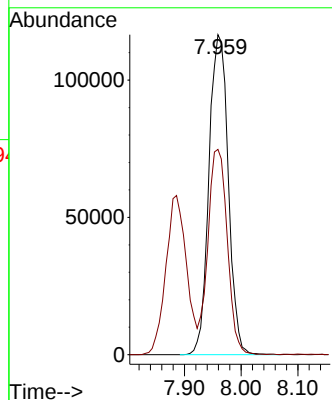
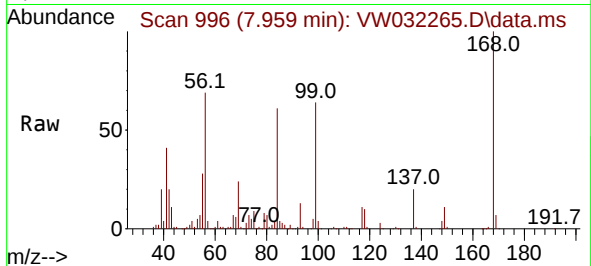




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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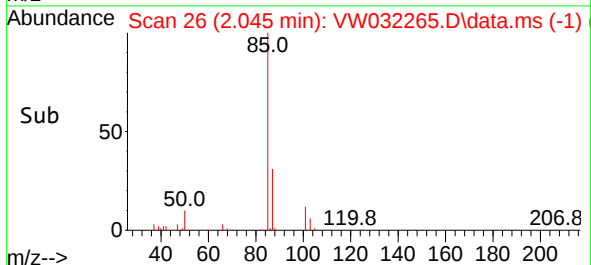
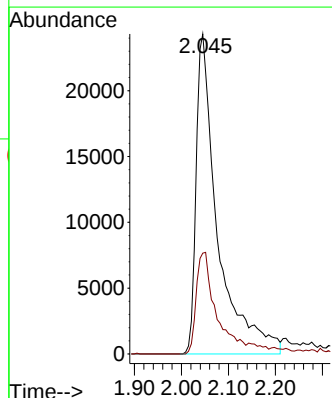
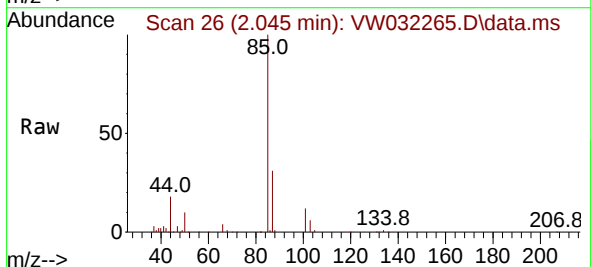
Instrument :
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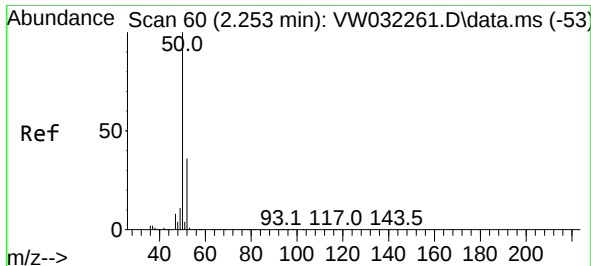
Tgt Ion:168 Resp: 275381
Ion Ratio Lower Upper
168 100
99 64.1 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 40.645 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 85 Resp: 77331
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

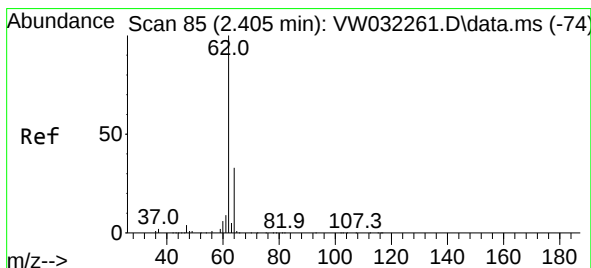
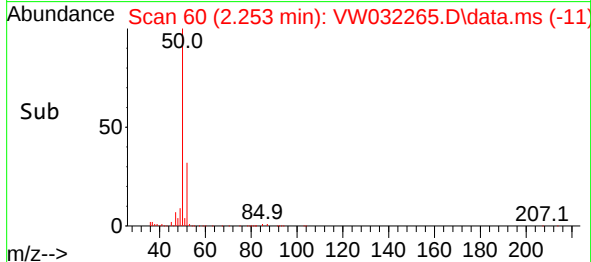
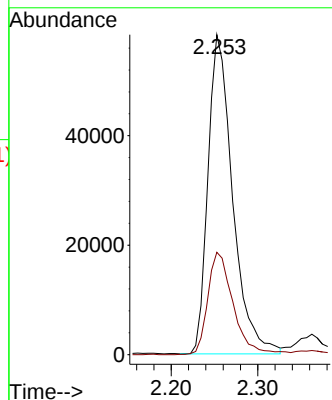
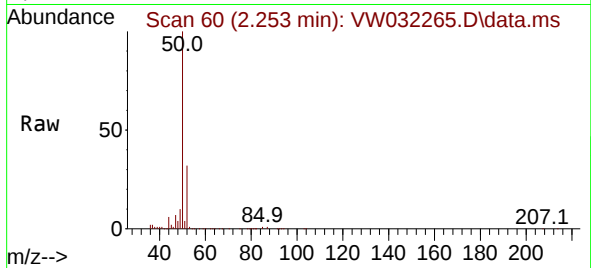




#3
Chloromethane
Concen: 42.288 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

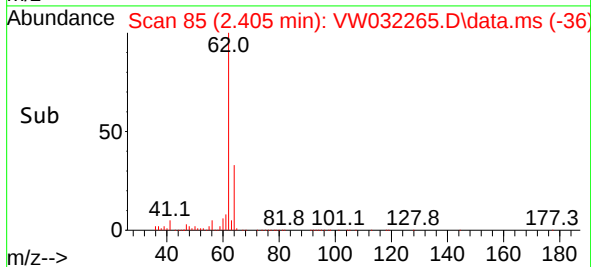
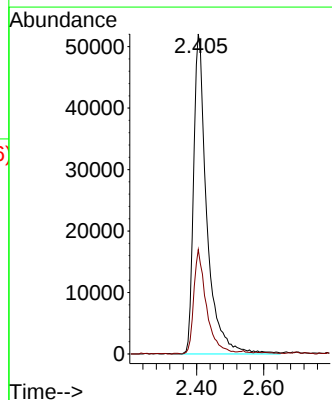
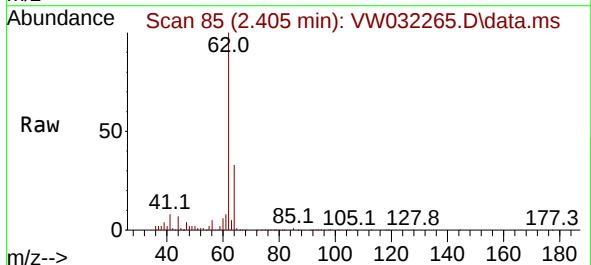
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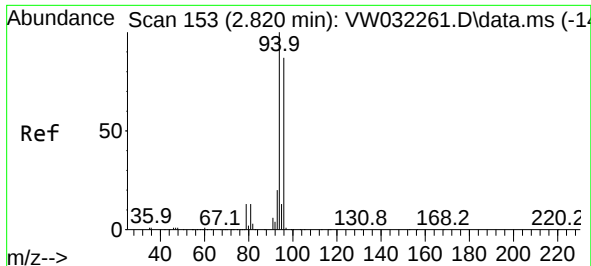
Tgt Ion: 50 Resp: 115143
Ion Ratio Lower Upper
50 100
52 32.0 28.9 43.3



#4
Vinyl Chloride
Concen: 44.912 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 62 Resp: 142880
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4

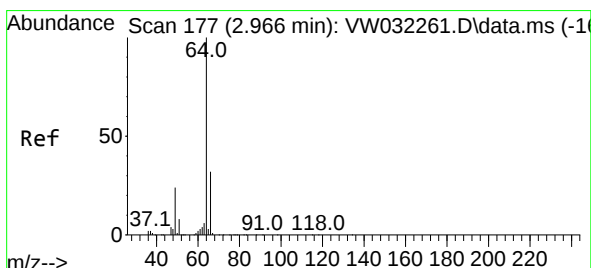
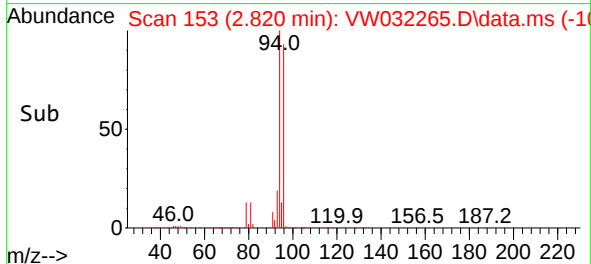
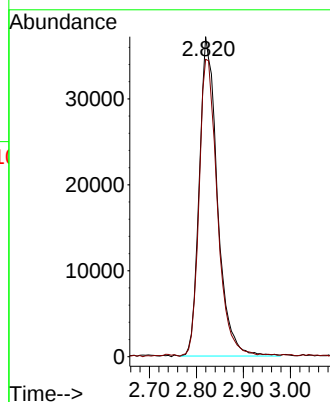
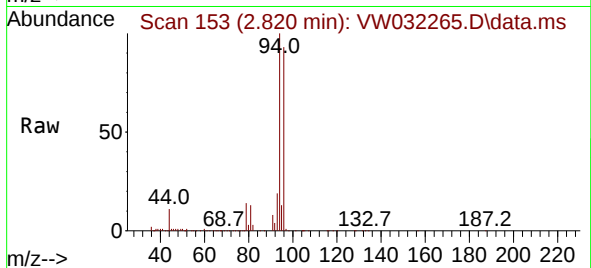




#5
Bromomethane
Concen: 45.811 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

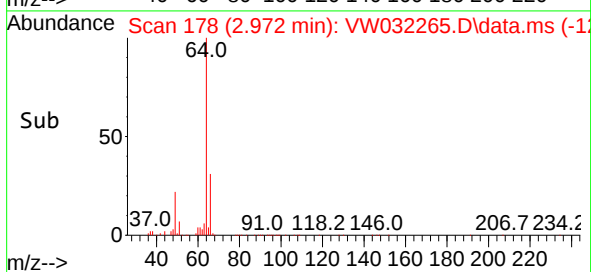
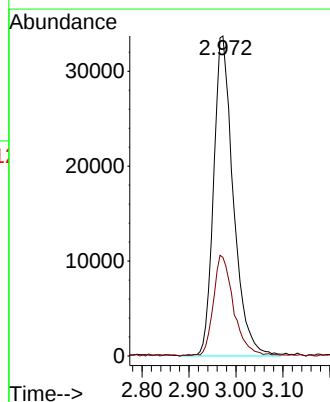
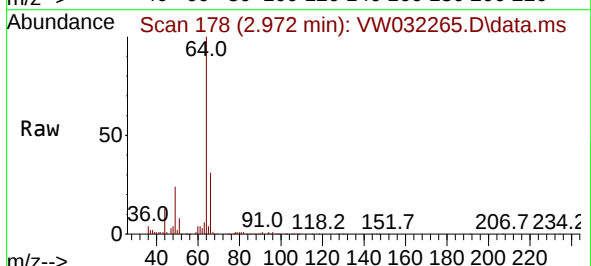
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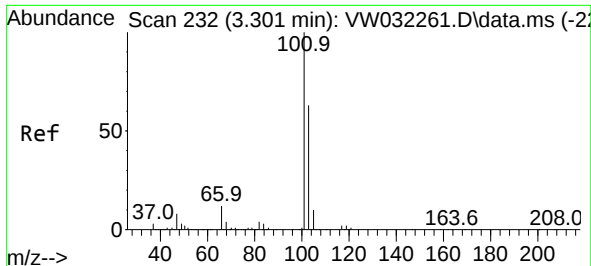
Tgt Ion: 94 Resp: 99519
Ion Ratio Lower Upper
94 100
96 92.9 70.0 105.0



#6
Chloroethane
Concen: 45.637 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 64 Resp: 98382
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

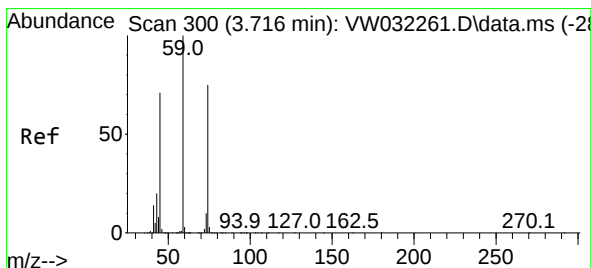
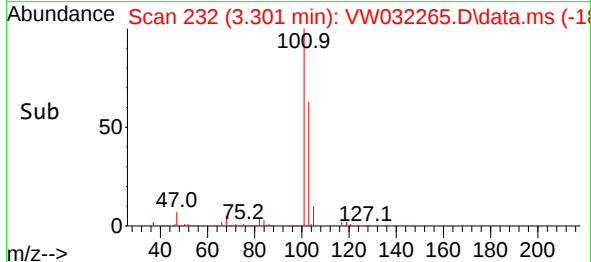
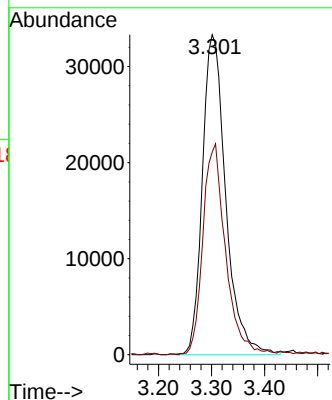
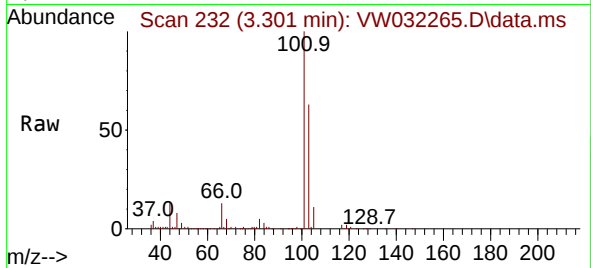




#7
 Trichlorofluoromethane
 Concen: 42.509 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

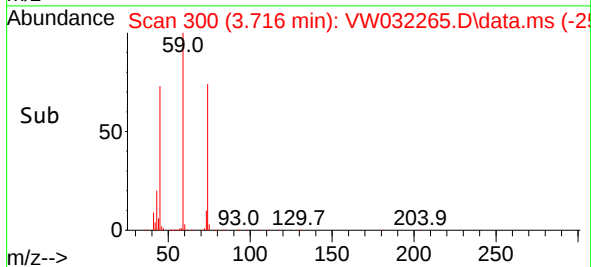
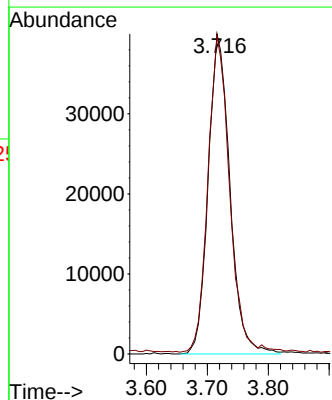
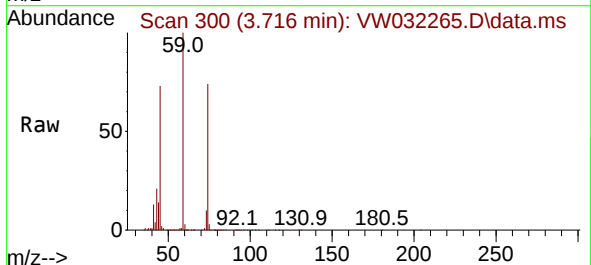
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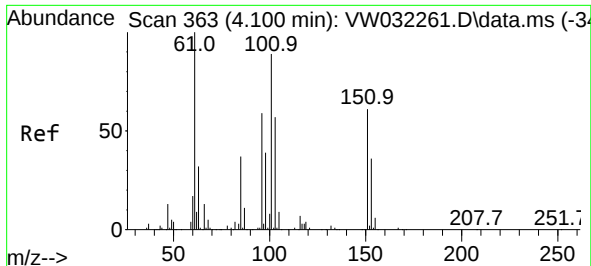
Tgt Ion:101 Resp: 101896
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 43.674 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Tgt Ion: 74 Resp: 98989
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.0 147.2

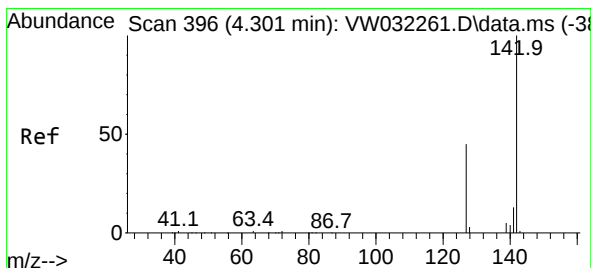
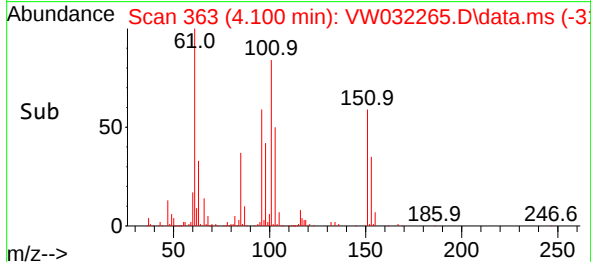
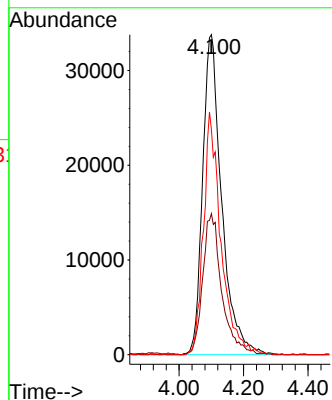
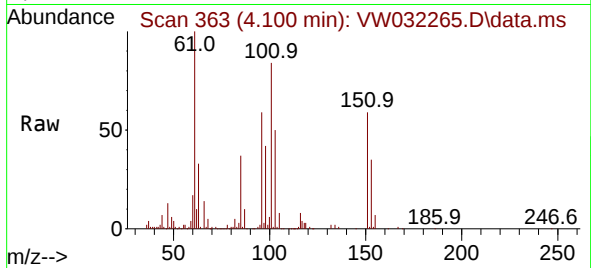




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.364 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW032265.D
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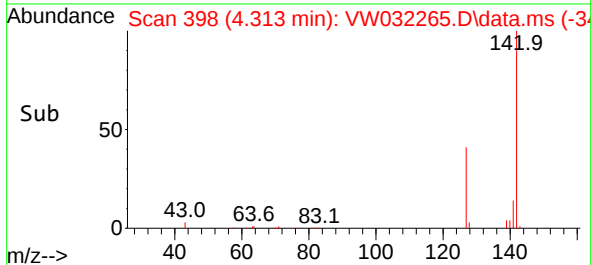
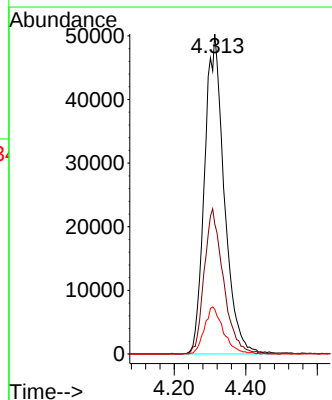
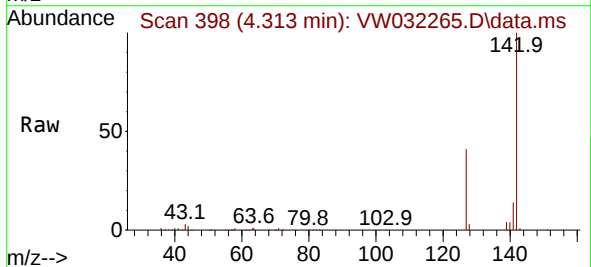
Instrument :
MSVOA_W
ClientSampleId :

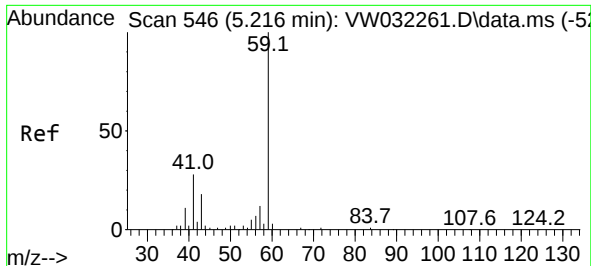
Tgt Ion:101 Resp: 138798
Ion Ratio Lower Upper
101 100
85 44.0 33.7 50.5
151 69.0 55.7 83.5



#10
Methyl Iodide
Concen: 46.427 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.012 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:142 Resp: 192131
Ion Ratio Lower Upper
142 100
127 44.3 36.9 55.3
141 14.2 12.0 18.0

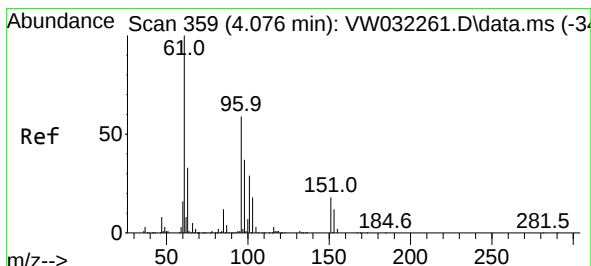
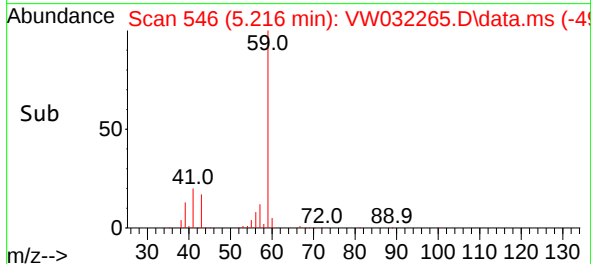
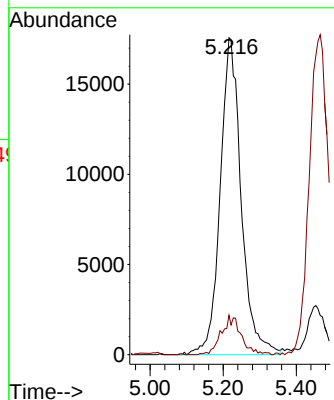
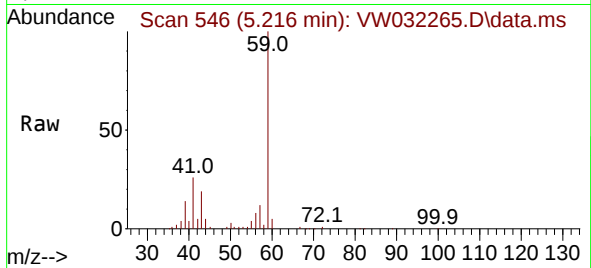




#11
Tert butyl alcohol
Concen: 232.801 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

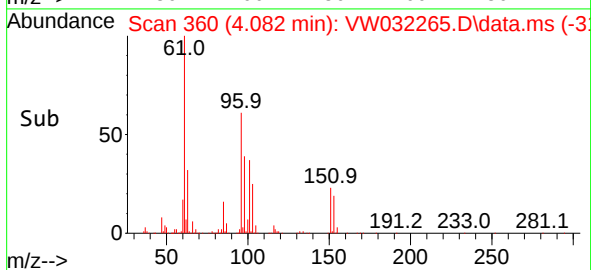
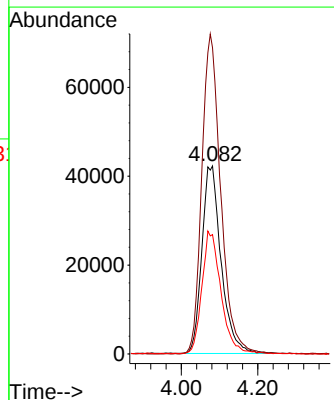
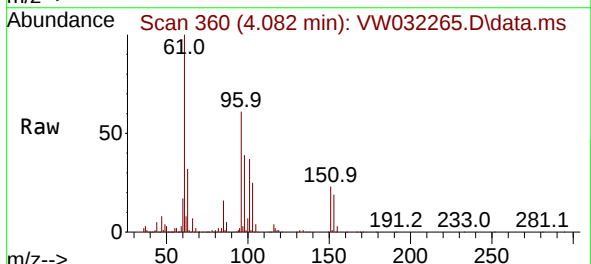
Instrument :
MSVOA_W
ClientSampleId :

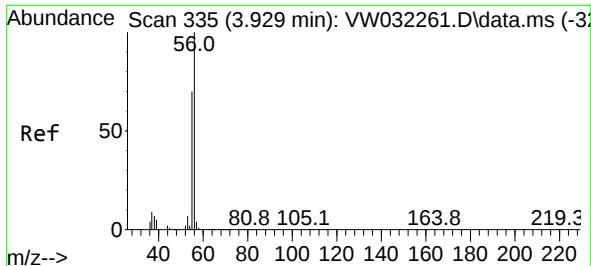
Tgt Ion: 59 Resp: 70266
Ion Ratio Lower Upper
59 100
57 11.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 45.171 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 96 Resp: 147736
Ion Ratio Lower Upper
96 100
61 163.0 136.3 204.5
98 63.5 50.7 76.1

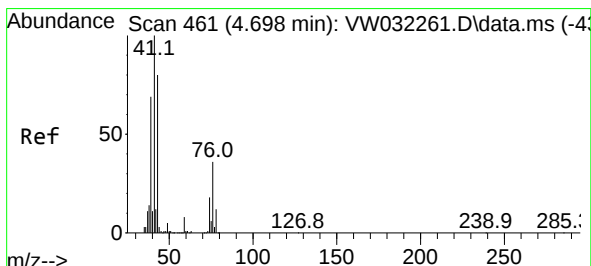
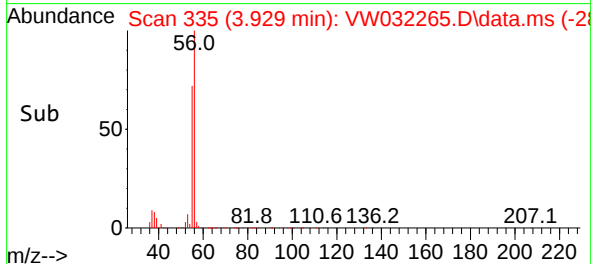
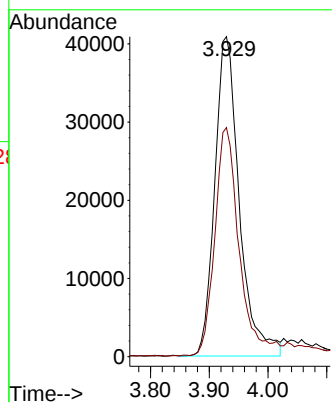
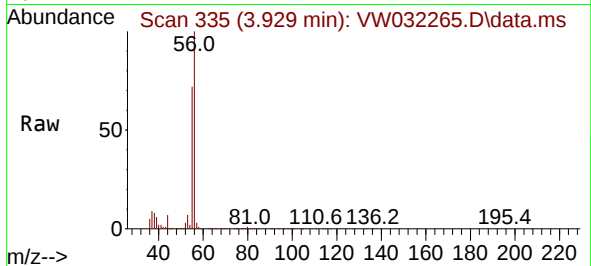




#13
Acrolein
Concen: 220.732 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

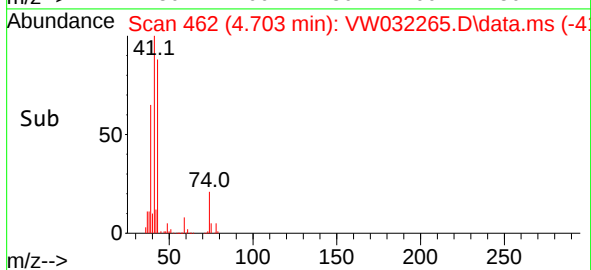
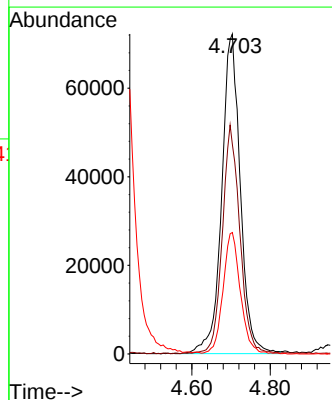
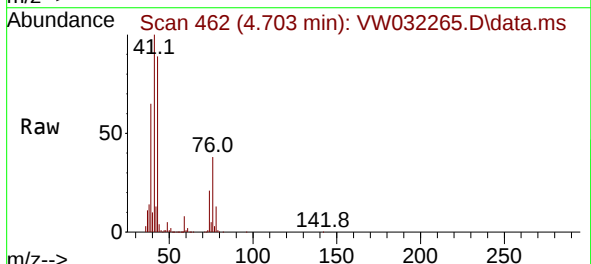
Instrument :
MSVOA_W
ClientSampleId :

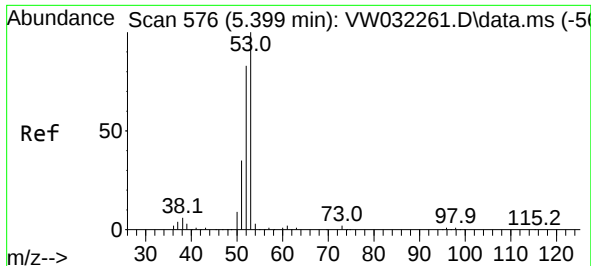
Tgt Ion: 56 Resp: 118579
Ion Ratio Lower Upper
56 100
55 71.3 53.2 79.8



#14
Allyl chloride
Concen: 47.051 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

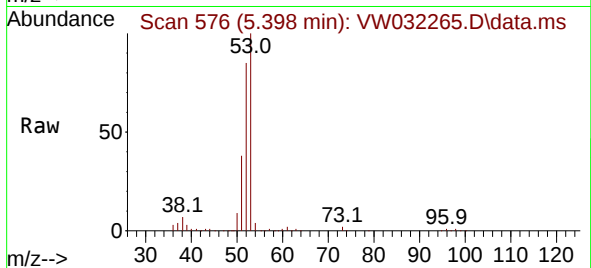
Tgt Ion: 41 Resp: 238823
Ion Ratio Lower Upper
41 100
39 66.9 54.3 81.5
76 35.7 28.7 43.1





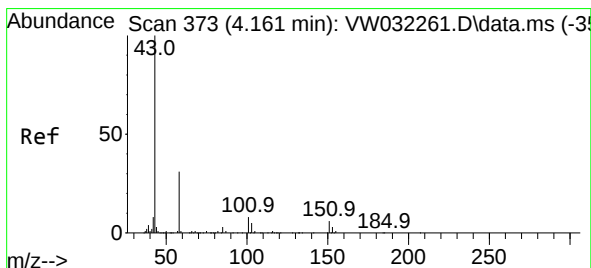
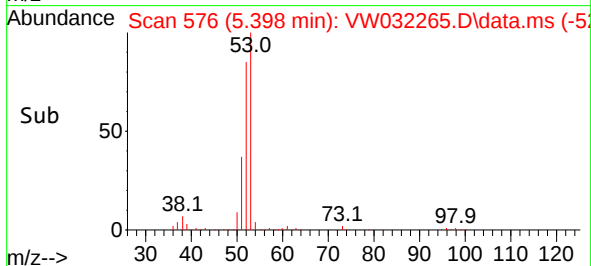
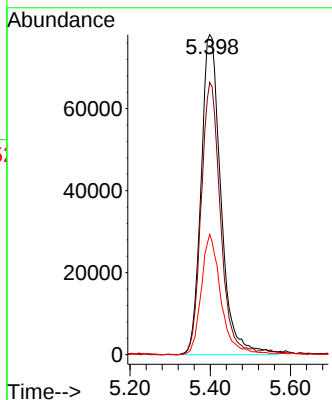
#15
Acrylonitrile
Concen: 229.914 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 268385

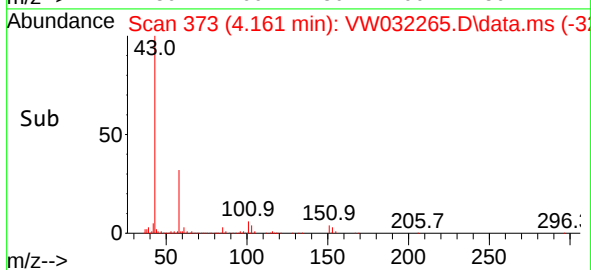
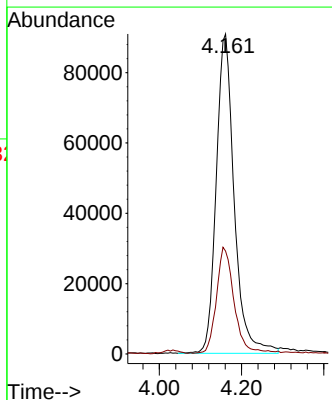
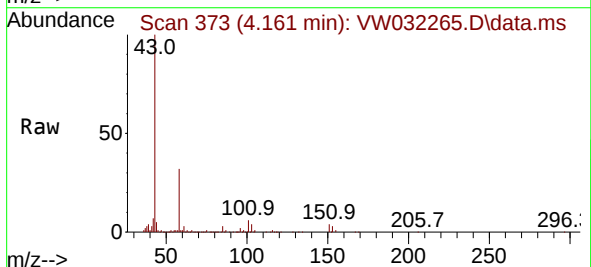
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	37.5	29.6	44.4

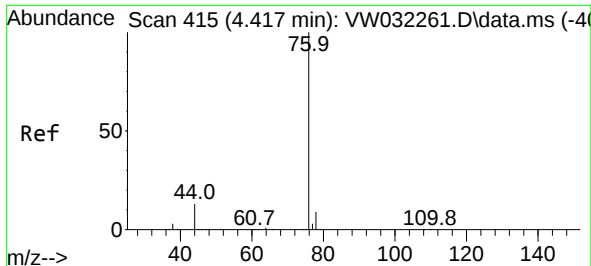


#16
Acetone
Concen: 246.593 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 275365

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.0

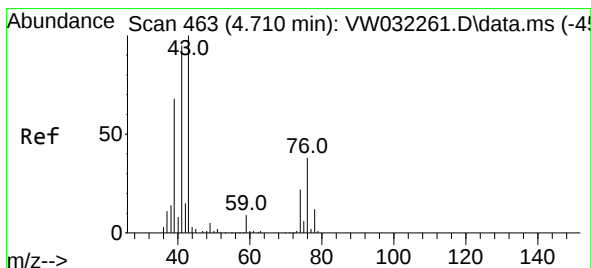
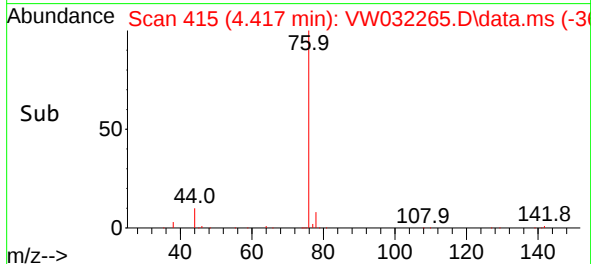
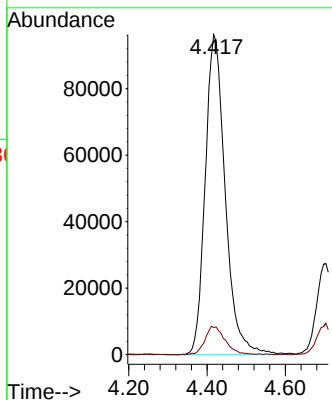
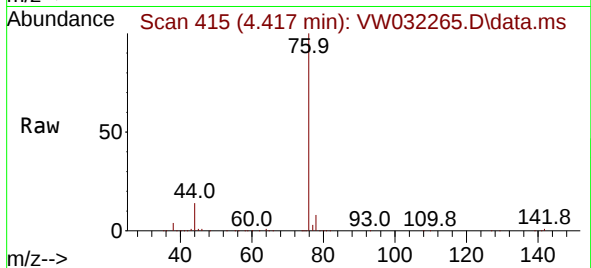




#17
Carbon Disulfide
Concen: 45.366 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

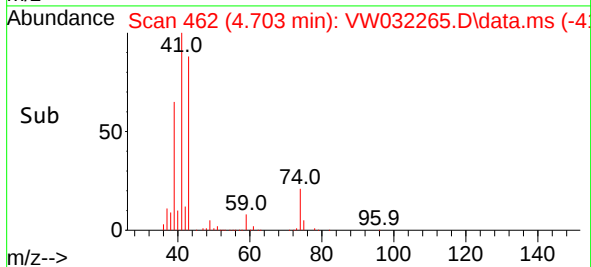
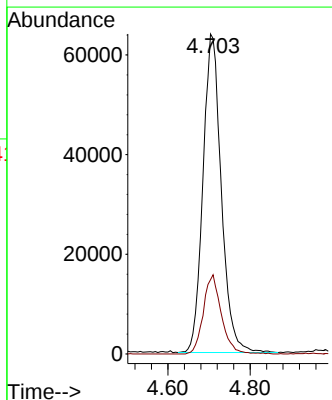
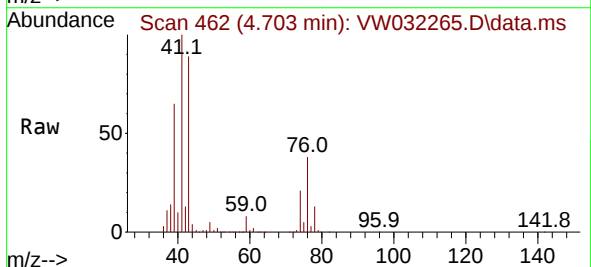
Instrument :
MSVOA_W
ClientSampleId :

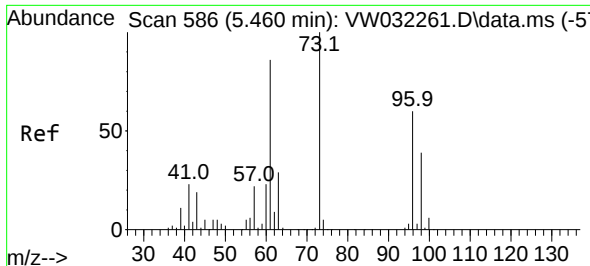
Tgt Ion: 76 Resp: 341149
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 51.476 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 197694
Ion Ratio Lower Upper
43 100
74 24.5 18.8 28.2

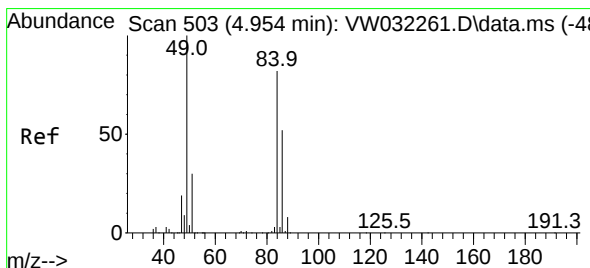
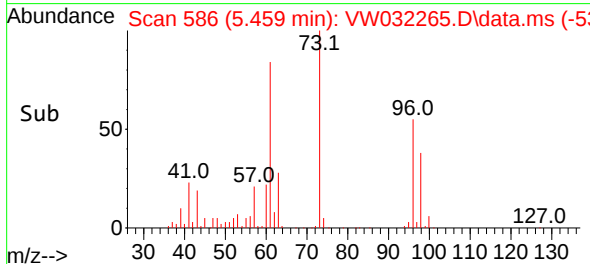
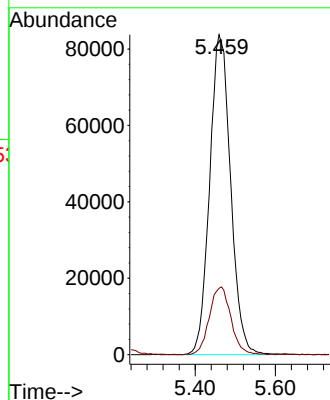
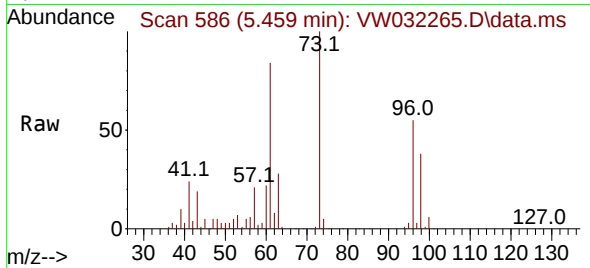




#19
Methyl tert-butyl Ether
Concen: 50.070 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

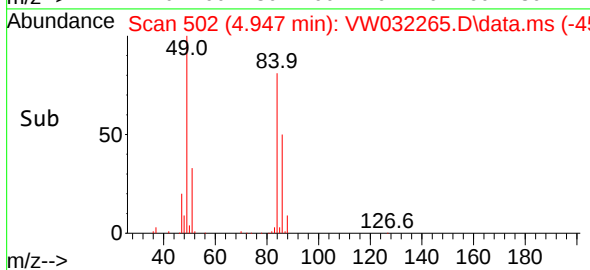
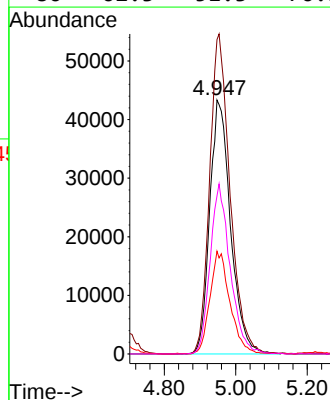
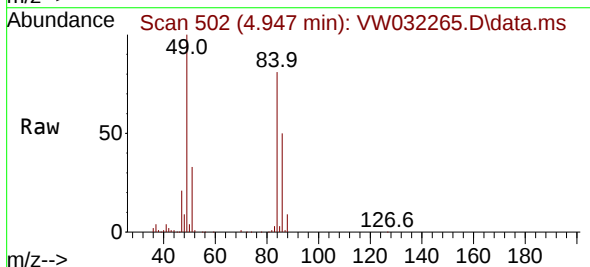
Instrument :
MSVOA_W
ClientSampleId :

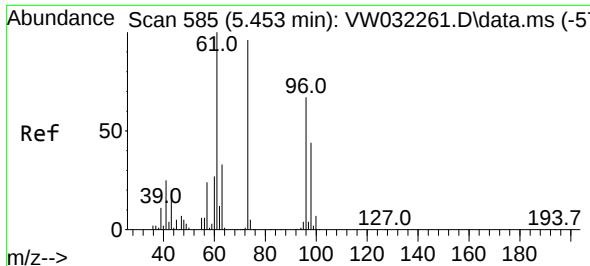
Tgt Ion: 73 Resp: 303552
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 42.256 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.007 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

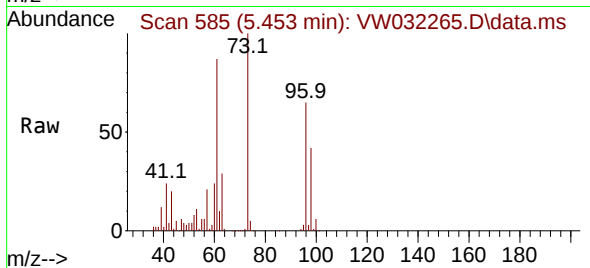
Tgt Ion: 84 Resp: 175238
Ion Ratio Lower Upper
84 100
49 123.7 97.8 146.6
51 40.4 29.9 44.9
86 62.3 51.3 76.9





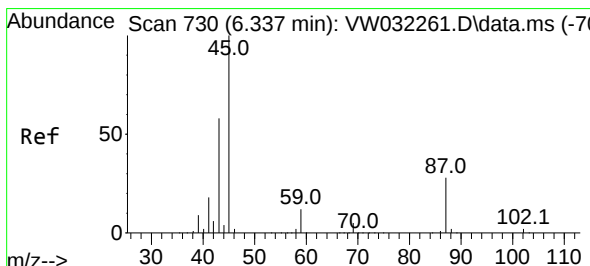
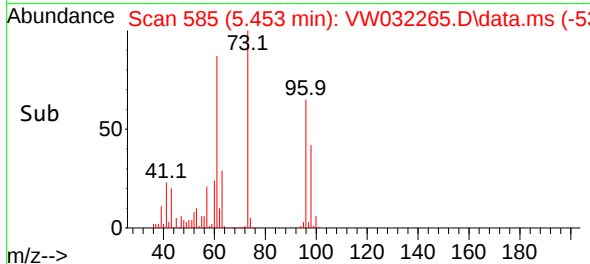
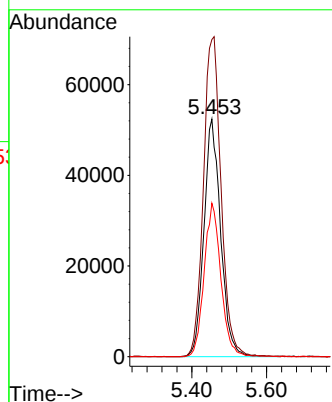
#21
trans-1,2-Dichloroethene
Concen: 46.181 ug/l
RT: 5.453 min Scan# 585
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 162872

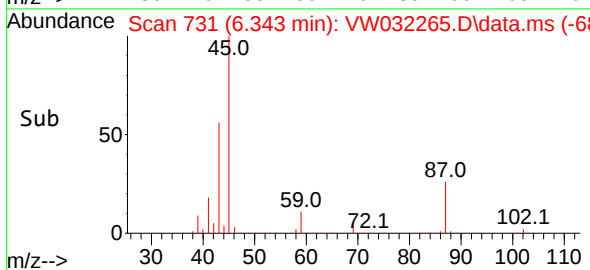
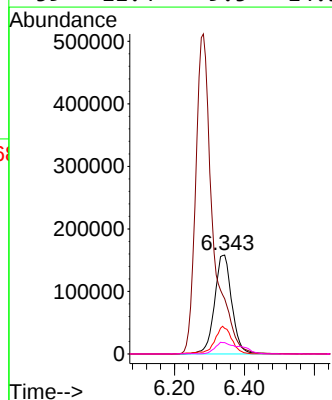
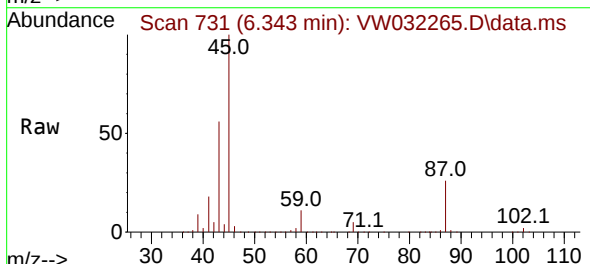
Ion	Ratio	Lower	Upper
96	100		
61	133.4	119.2	178.8
98	64.6	52.5	78.7

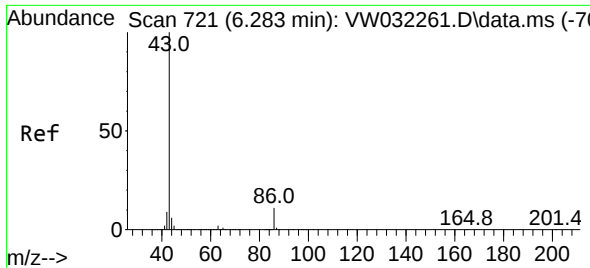


#22
Diisopropyl ether
Concen: 47.929 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 45 Resp: 540578

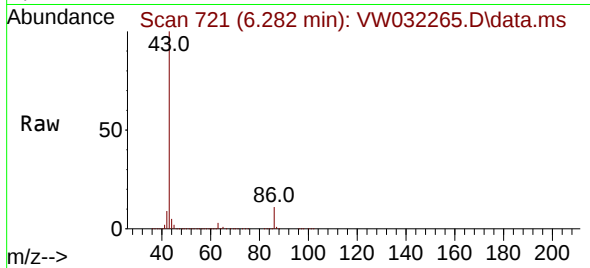
Ion	Ratio	Lower	Upper
45	100		
43	55.5	46.2	69.4
87	25.8	22.2	33.2
59	11.4	9.5	14.3



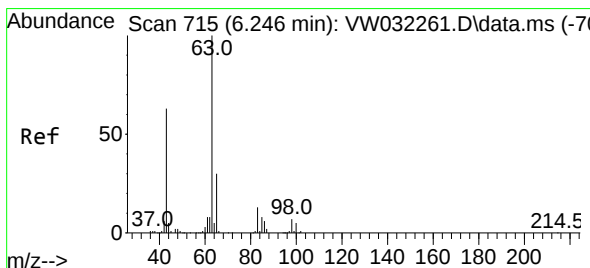
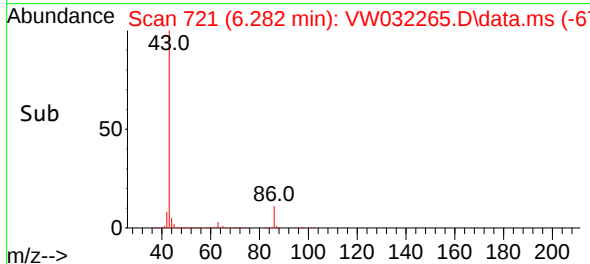
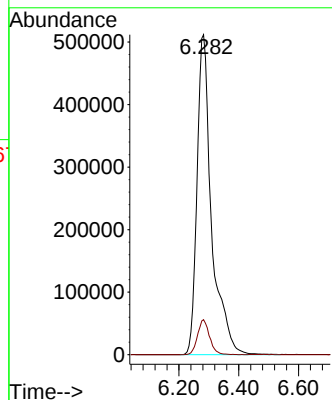


#23
 Vinyl Acetate
 Concen: 238.412 ug/l
 RT: 6.282 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Instrument :
 MSVOA_W
 ClientSampleId :

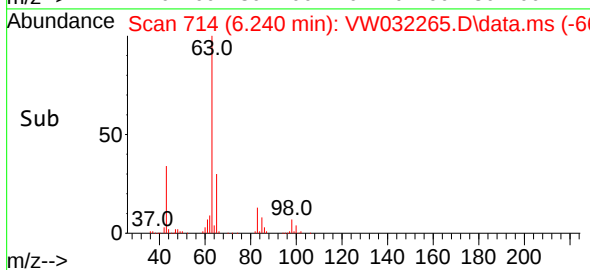
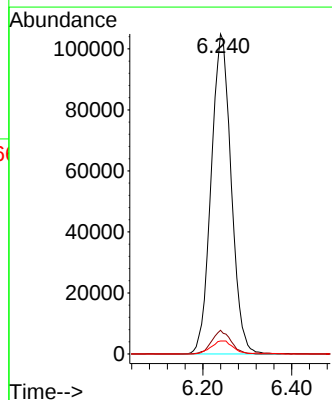
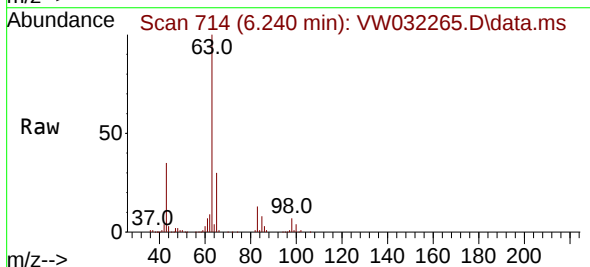


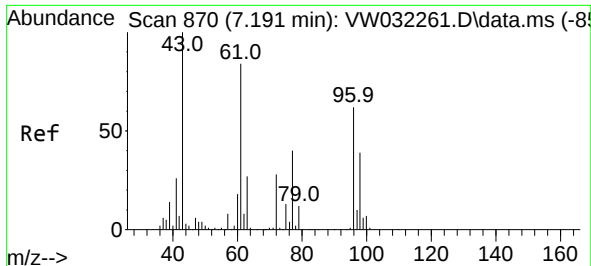
Tgt Ion: 43 Resp: 1729901
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 46.013 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Tgt Ion: 63 Resp: 327611
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.0 2.4 7.1

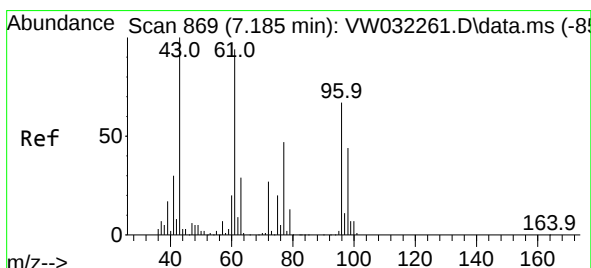
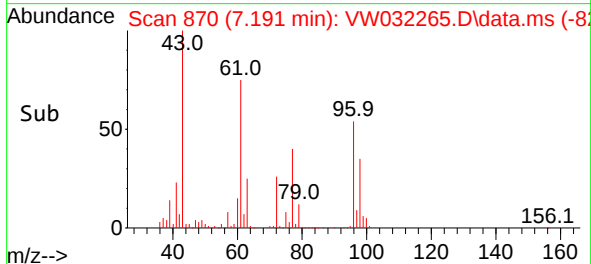
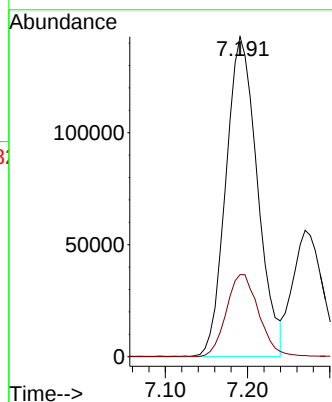
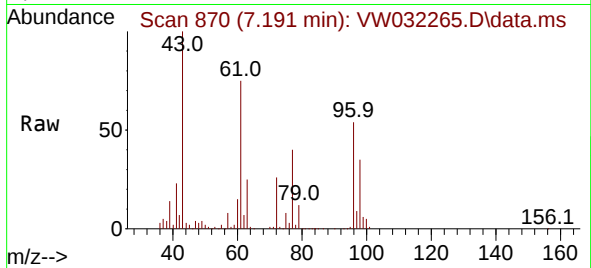




#25
2-Butanone
Concen: 244.766 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

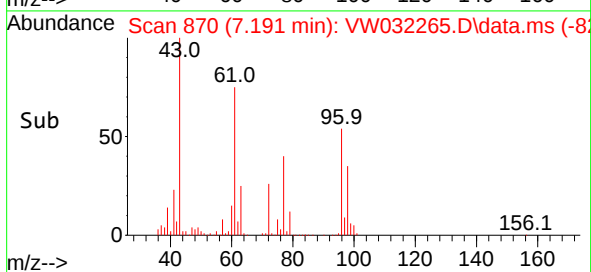
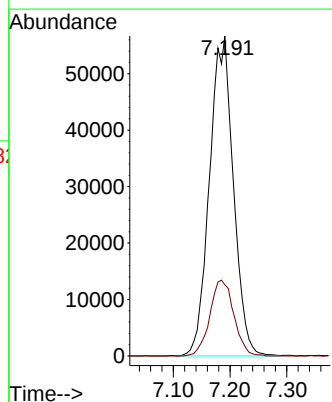
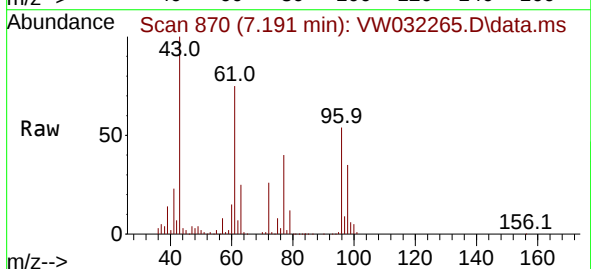
Instrument :
MSVOA_W
ClientSampleId :

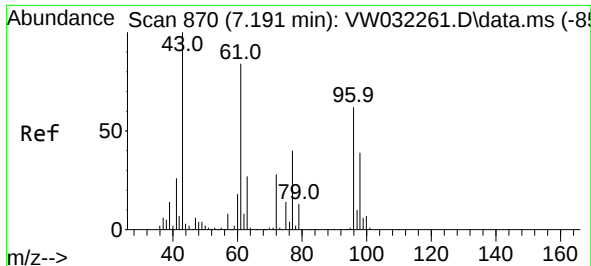
Tgt Ion: 43 Resp: 380974
Ion Ratio Lower Upper
43 100
72 25.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 47.257 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 77 Resp: 165803
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.321 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

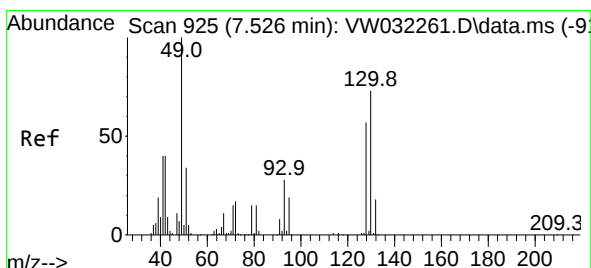
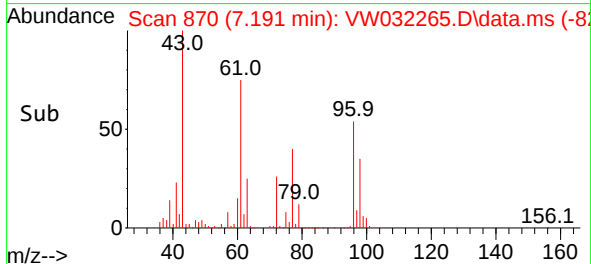
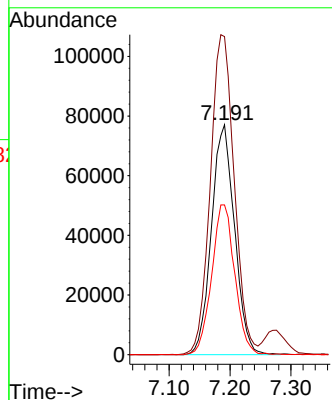
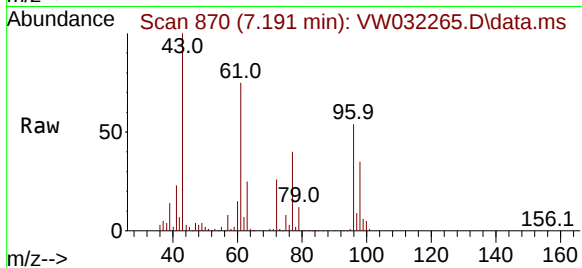
Tgt Ion: 96 Resp: 203186

Ion Ratio Lower Upper

96 100

61 144.3 0.0 281.8

98 65.1 0.0 130.8



#28

Bromochloromethane

Concen: 46.350 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

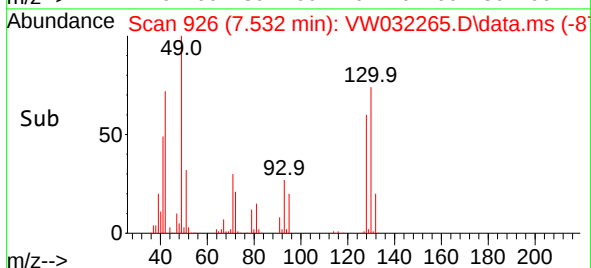
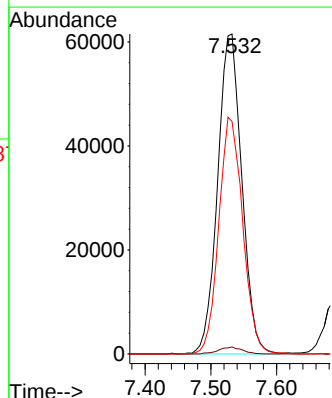
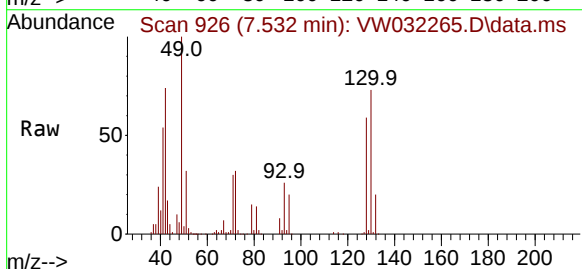
Tgt Ion: 49 Resp: 157473

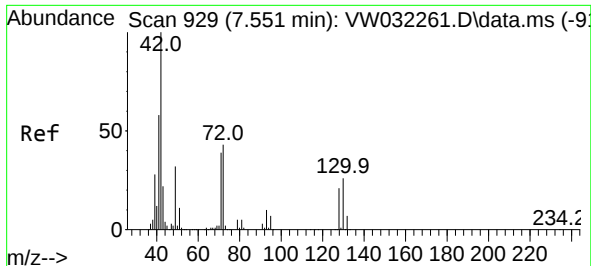
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 73.4 0.0 0.0#





#29

Tetrahydrofuran

Concen: 232.669 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

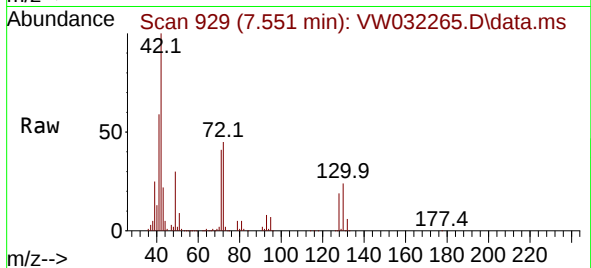
Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :



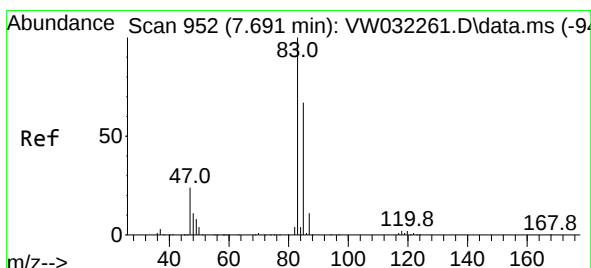
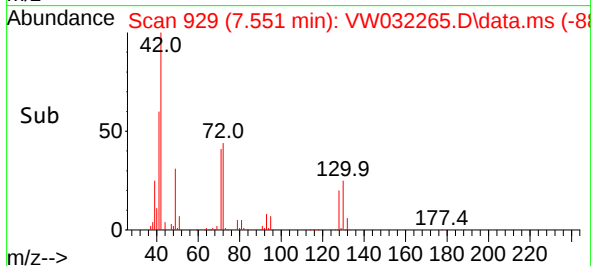
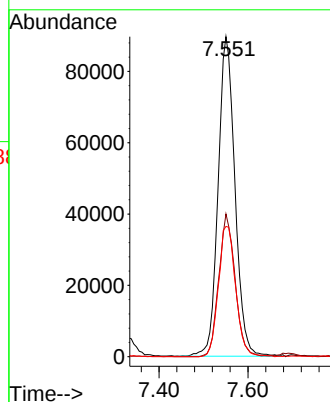
Tgt Ion: 42 Resp: 235105

Ion Ratio Lower Upper

42 100

72 43.2 35.1 52.7

71 41.8 33.3 49.9



#30

Chloroform

Concen: 45.544 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032265.D

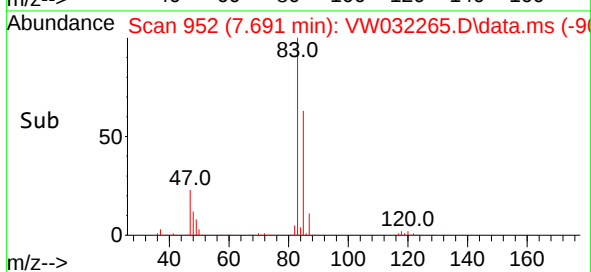
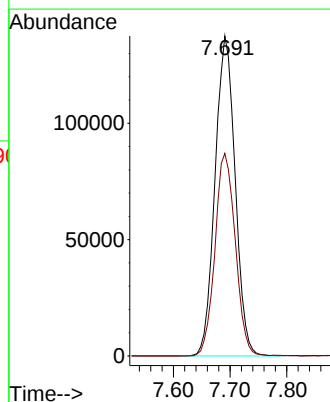
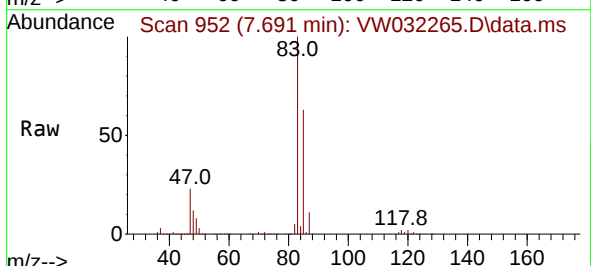
Acq: 25 Sep 2025 14:41

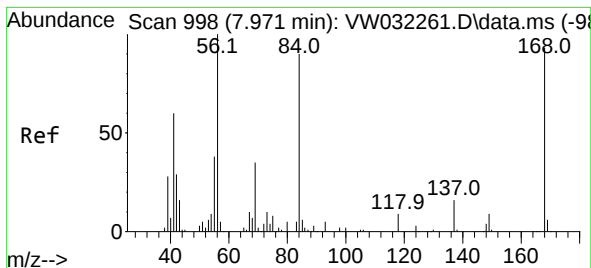
Tgt Ion: 83 Resp: 338340

Ion Ratio Lower Upper

83 100

85 63.3 53.3 79.9

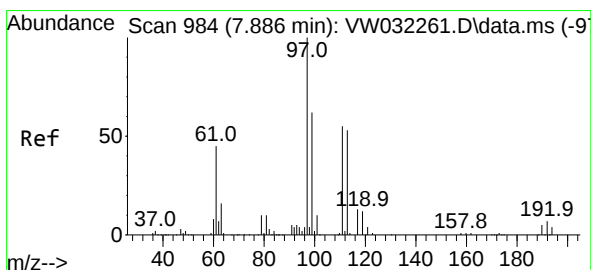
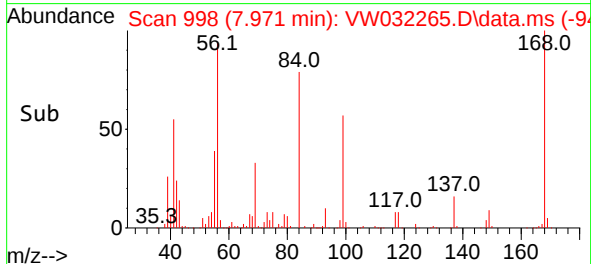
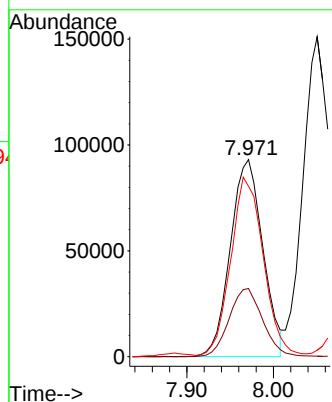
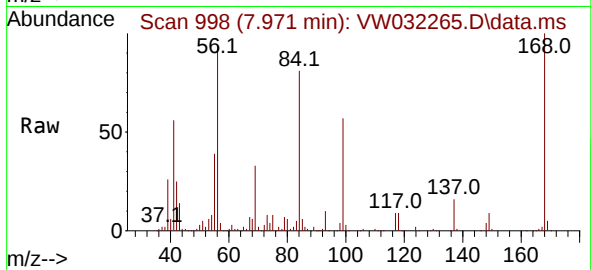




#31
Cyclohexane
Concen: 43.225 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

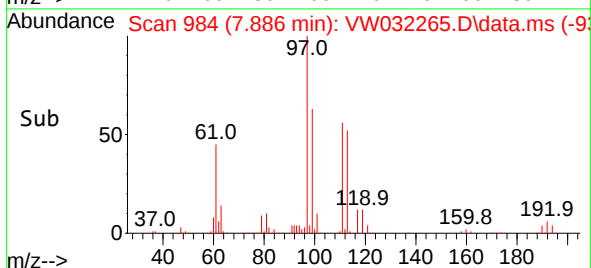
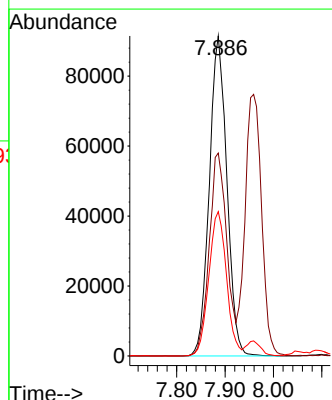
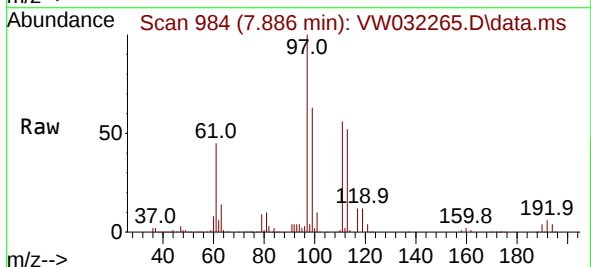
Instrument :
MSVOA_W
ClientSampleId :

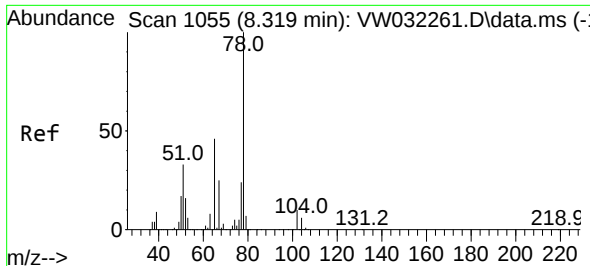
Tgt Ion: 56 Resp: 242682
Ion Ratio Lower Upper
56 100
69 34.5 28.2 42.2
84 85.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.116 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 97 Resp: 230793
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 45.6 36.2 54.4

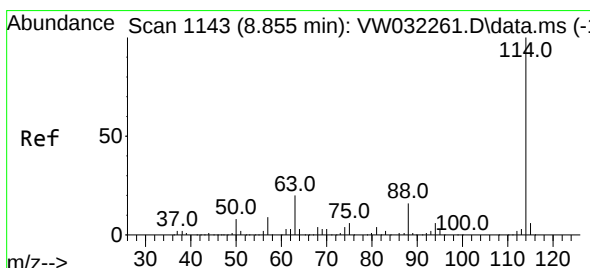
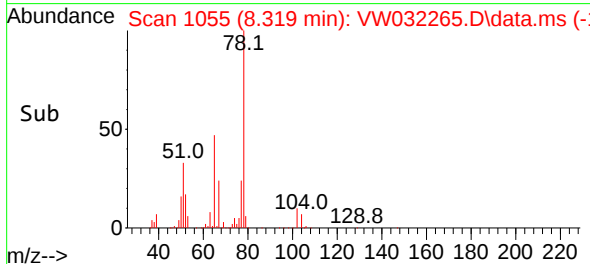
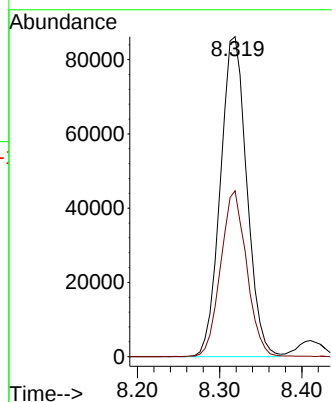
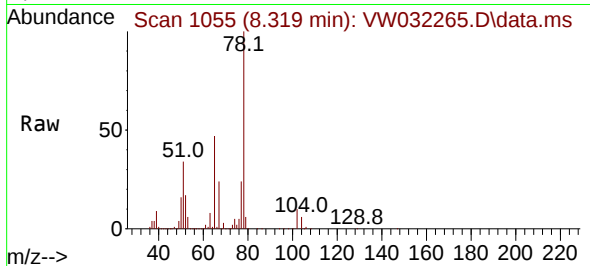




#33
 1,2-Dichloroethane-d4
 Concen: 44.214 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

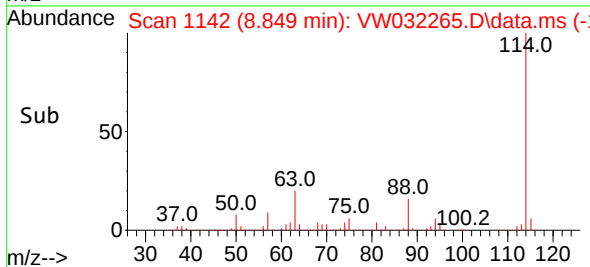
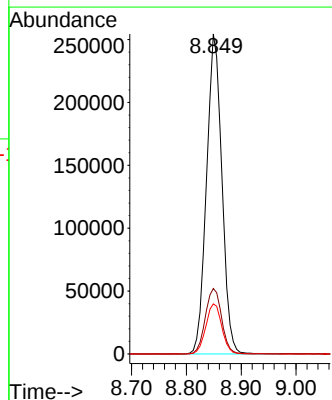
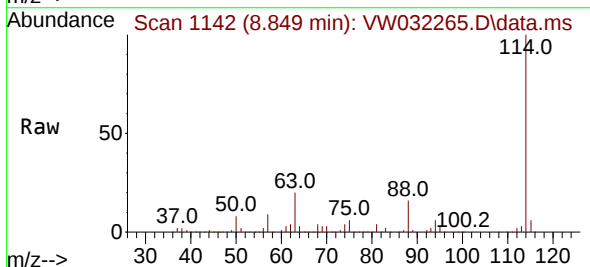
Instrument :
 MSVOA_W
 ClientSampleId :

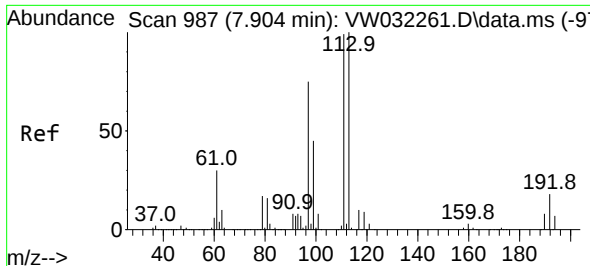
Tgt Ion: 65 Resp: 192251
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

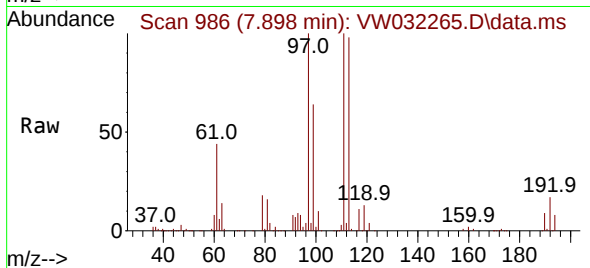
Tgt Ion: 114 Resp: 493743
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.6 0.0 32.0



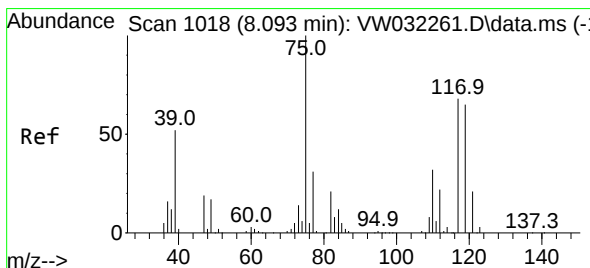
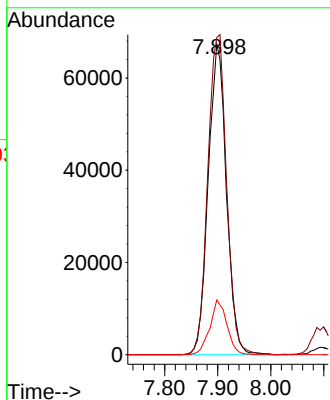
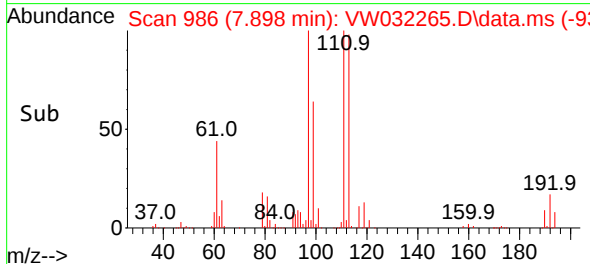


#35
 Dibromofluoromethane
 Concen: 45.177 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

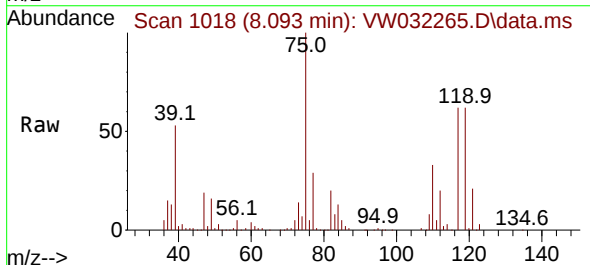
Instrument :
 MSVOA_W
 ClientSampleId :



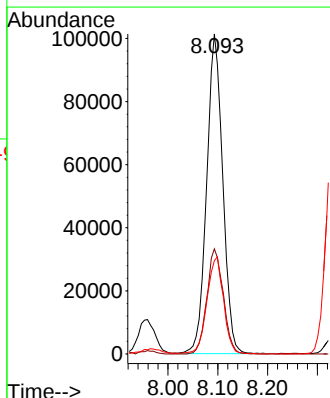
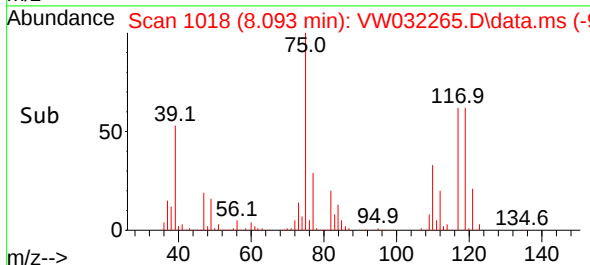
Tgt Ion:113 Resp: 160415
 Ion Ratio Lower Upper
 113 100
 111 106.6 81.8 122.8
 192 16.5 13.0 19.4

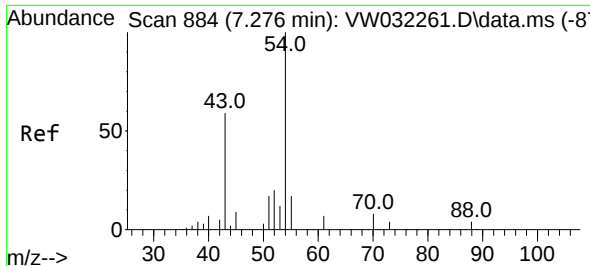


#36
 1,1-Dichloropropene
 Concen: 47.457 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41



Tgt Ion: 75 Resp: 227191
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.7 50.1
 77 31.4 25.2 37.8

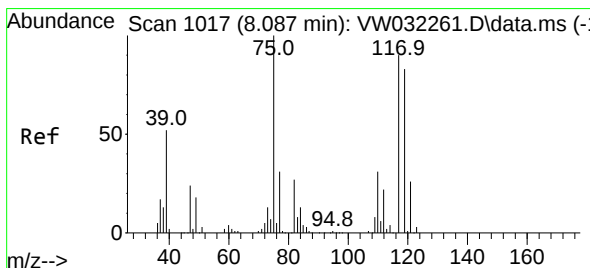
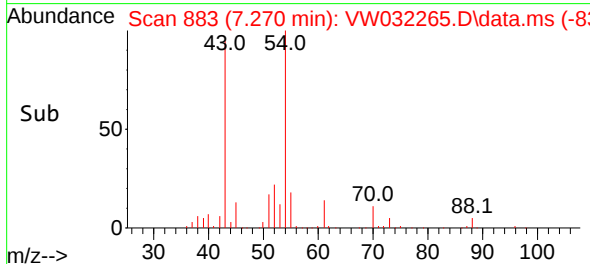
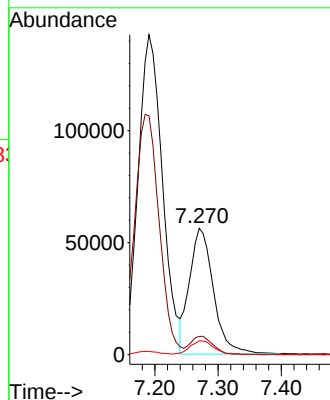
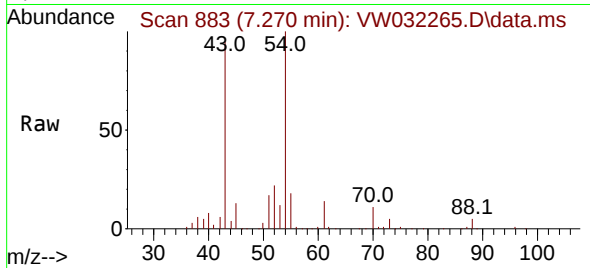




#37
Ethyl Acetate
Concen: 46.666 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

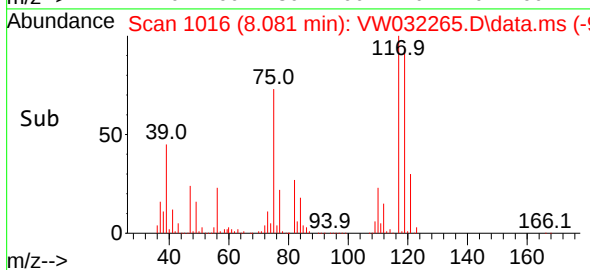
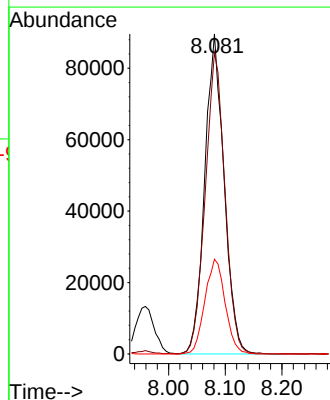
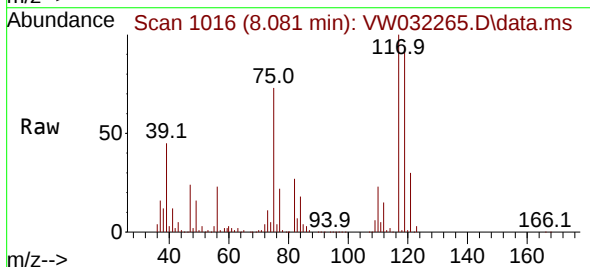
Instrument :
MSVOA_W
ClientSampleId :

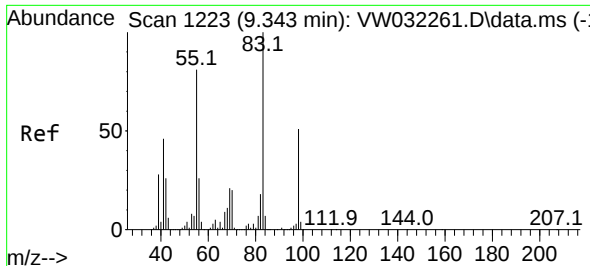
Tgt Ion: 43 Resp: 148163
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.040 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 117 Resp: 211869
Ion Ratio Lower Upper
117 100
119 94.2 73.9 110.9
121 29.6 23.0 34.6

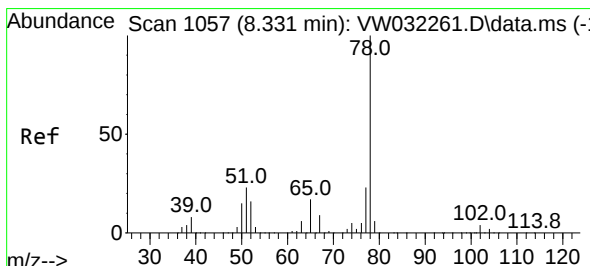
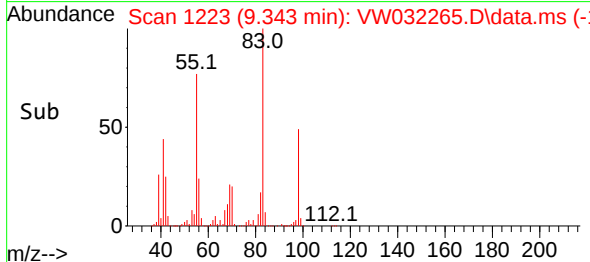
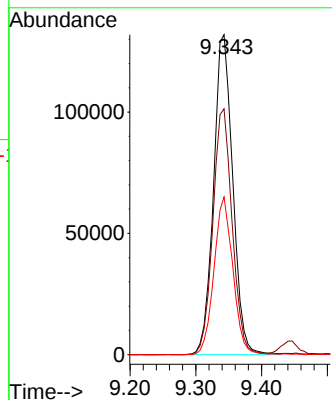
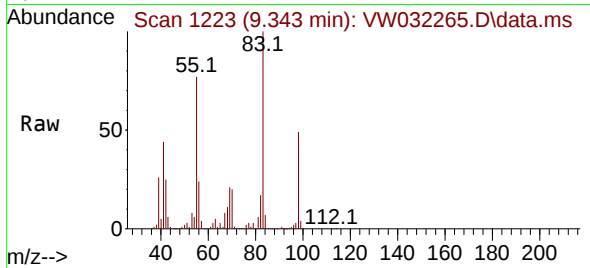




#39
Methylcyclohexane
Concen: 48.487 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

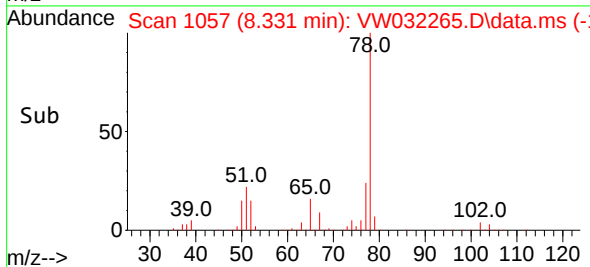
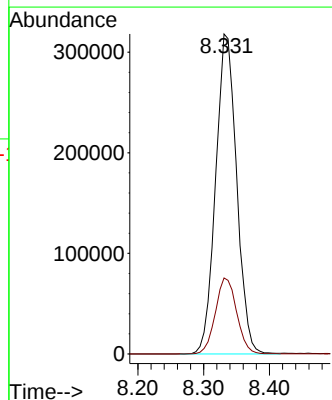
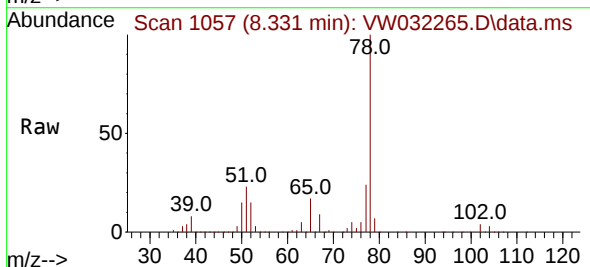
Instrument :
MSVOA_W
ClientSampleId :

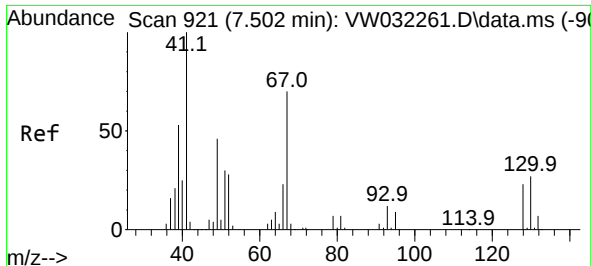
Tgt Ion: 83 Resp: 268585
Ion Ratio Lower Upper
83 100
55 76.8 65.0 97.6
98 49.2 40.8 61.2



#40
Benzene
Concen: 46.957 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 78 Resp: 707587
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

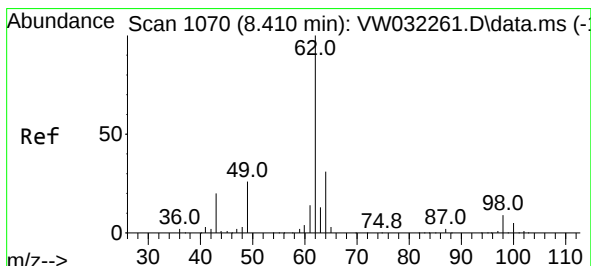
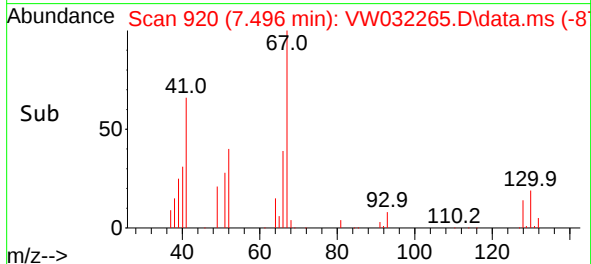
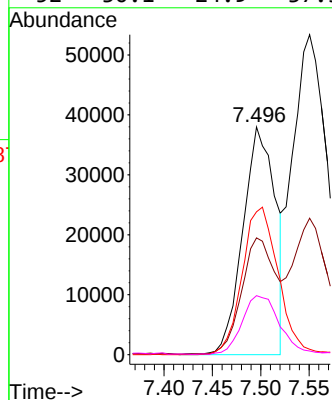
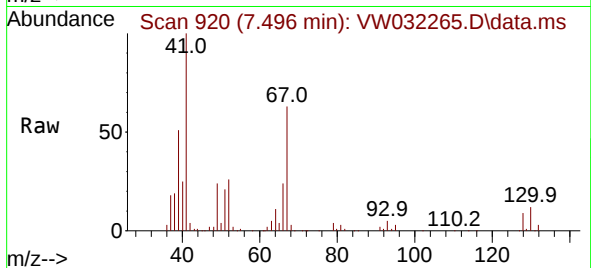




#41
Methacrylonitrile
Concen: 48.829 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

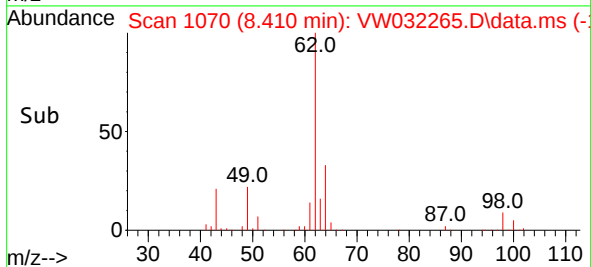
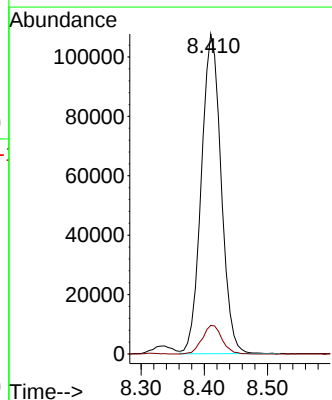
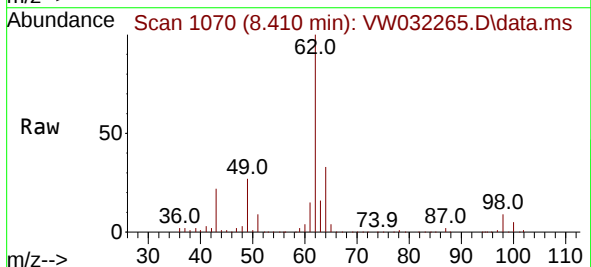
Instrument :
MSVOA_W
ClientSampleId :

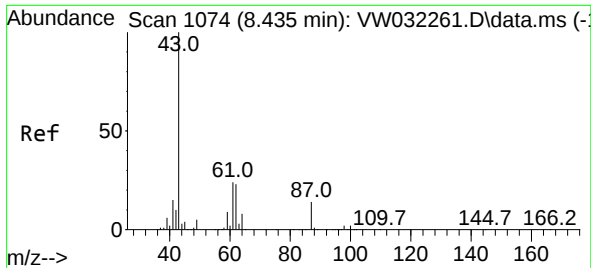
Tgt Ion: 41	Resp: 88790
Ion Ratio	Lower Upper
41 100	
39 52.7	46.9 70.3
67 72.3	59.0 88.4
52 30.1	24.9 37.3



#42
1,2-Dichloroethane
Concen: 46.783 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 62	Resp: 234326
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.4

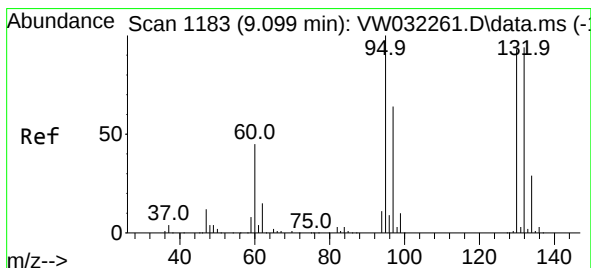
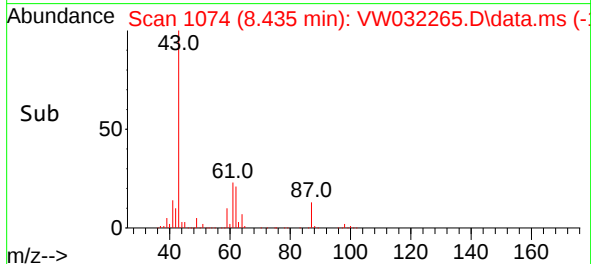
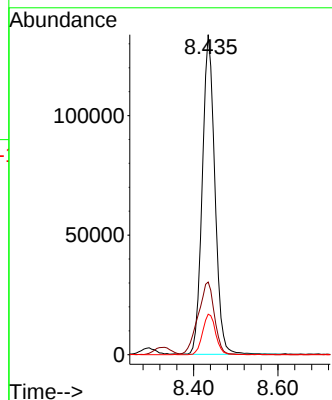
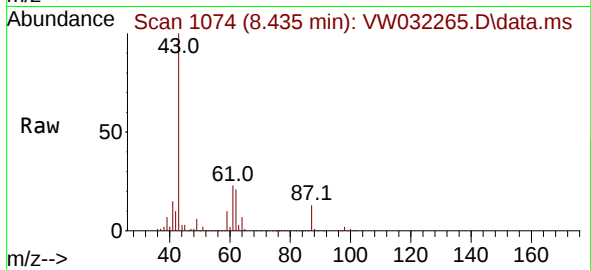




#43
Isopropyl Acetate
Concen: 48.820 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

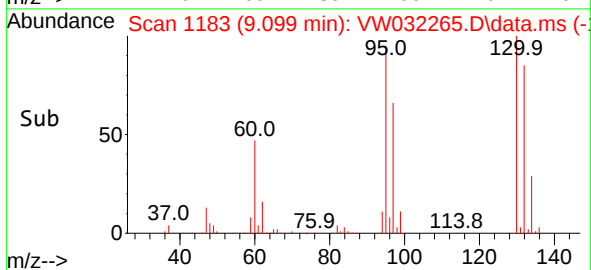
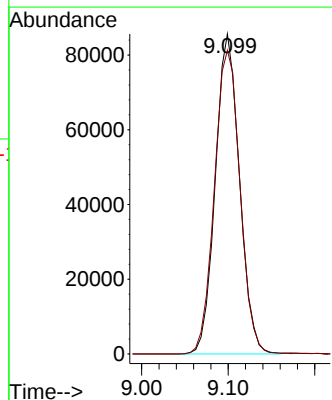
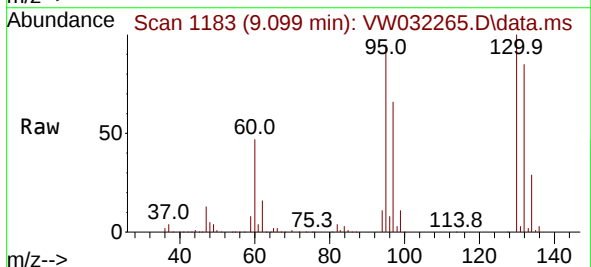
Instrument :
MSVOA_W
ClientSampleId :

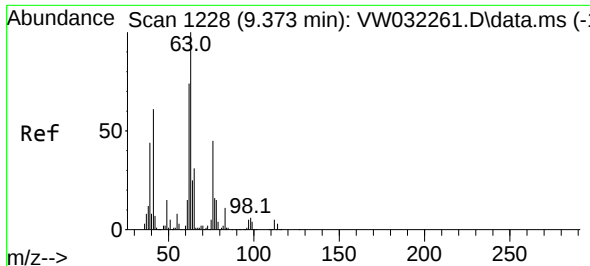
Tgt Ion: 43 Resp: 277465
Ion Ratio Lower Upper
43 100
61 29.3 24.2 36.2
87 13.2 10.6 16.0



#44
Trichloroethene
Concen: 46.998 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:130 Resp: 165536
Ion Ratio Lower Upper
130 100
95 94.9 0.0 215.2

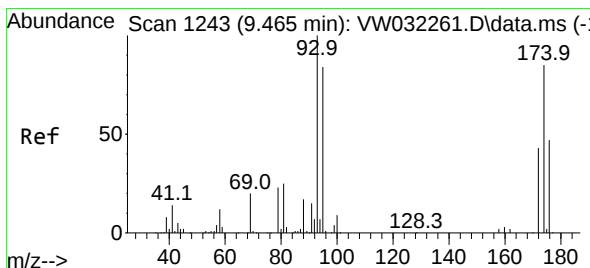
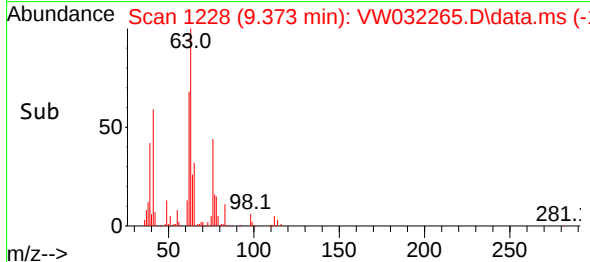
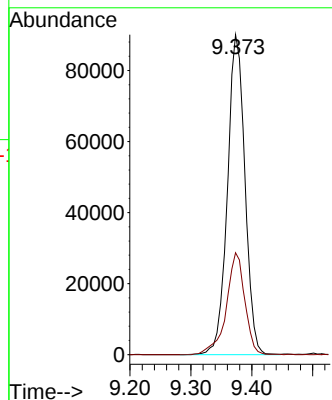
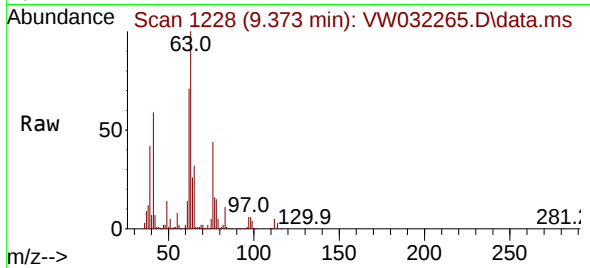




#45
1,2-Dichloropropane
Concen: 46.014 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

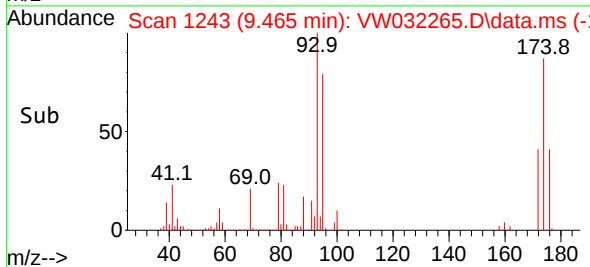
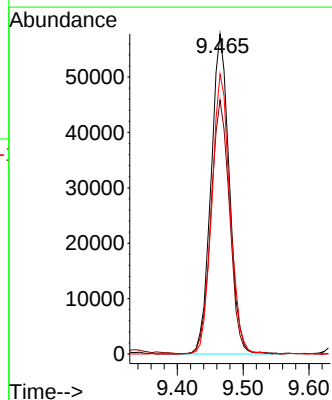
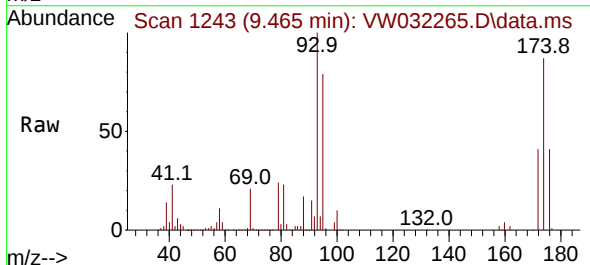
Instrument :
MSVOA_W
ClientSampleId :

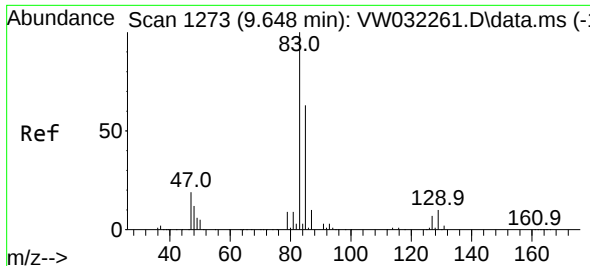
Tgt Ion: 63 Resp: 179584
Ion Ratio Lower Upper
63 100
65 31.9 24.9 37.3



#46
Dibromomethane
Concen: 46.647 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 93 Resp: 111930
Ion Ratio Lower Upper
93 100
95 80.8 66.6 99.8
174 86.8 69.0 103.6

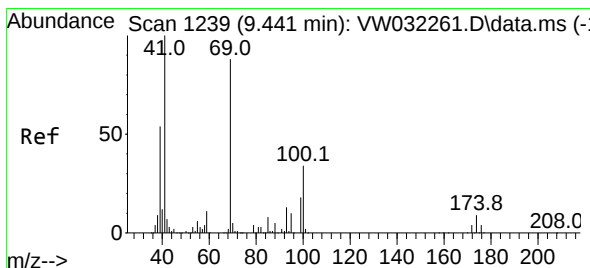
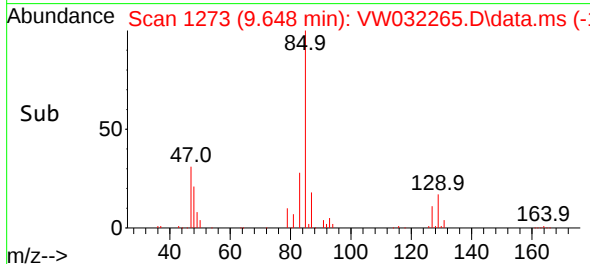
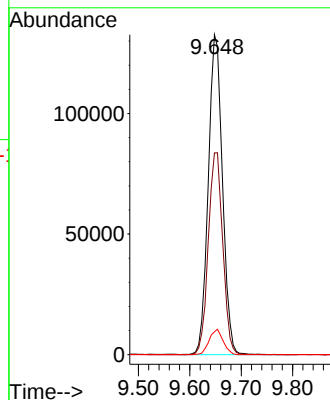
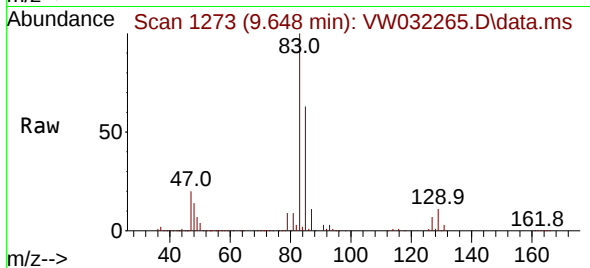




#47
Bromodichloromethane
Concen: 46.492 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

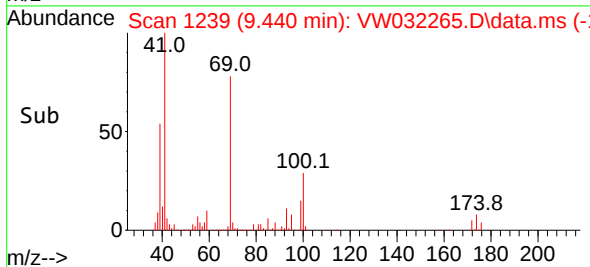
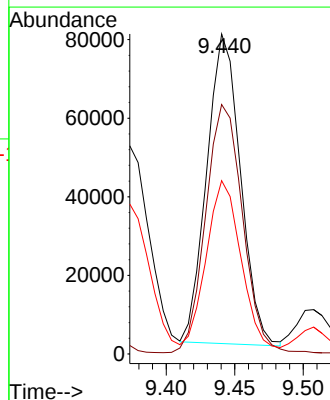
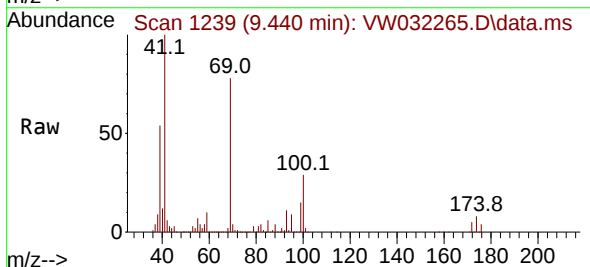
Instrument :
MSVOA_W
ClientSampleId :

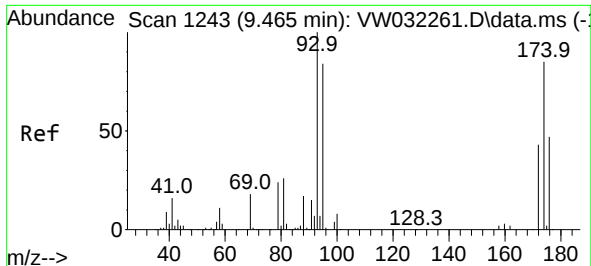
Tgt Ion: 83 Resp: 254445
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5
127 7.1 5.6 8.4



#48
Methyl methacrylate
Concen: 50.368 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 41 Resp: 134674
Ion Ratio Lower Upper
41 100
69 88.9 71.4 107.0
39 54.7 46.9 70.3





#49

1,4-Dioxane

Concen: 970.255 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

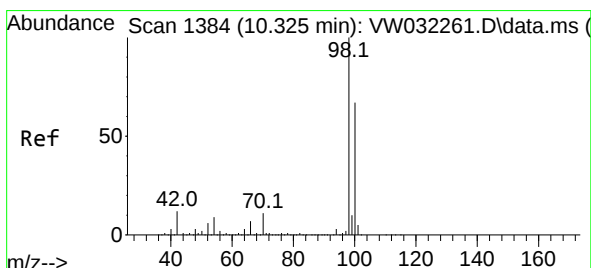
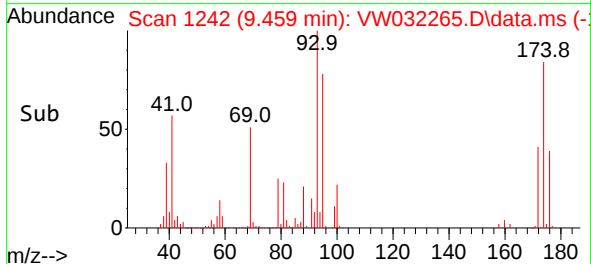
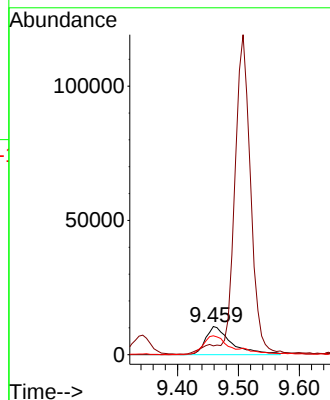
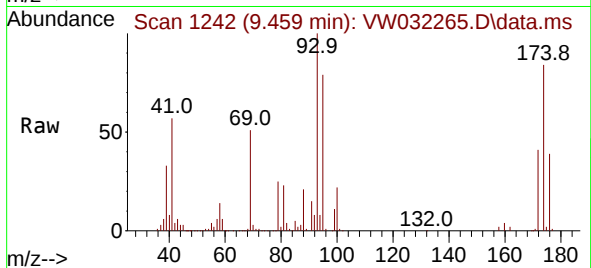
Tgt Ion: 88 Resp: 31181

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.3 62.9 94.3



#50

Toluene-d8

Concen: 46.839 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032265.D

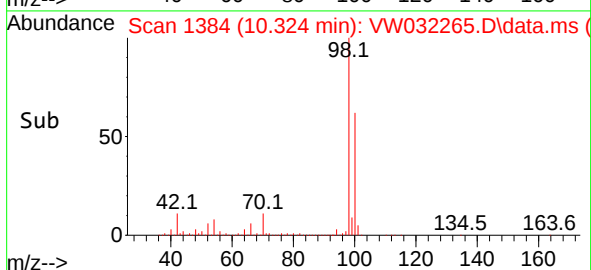
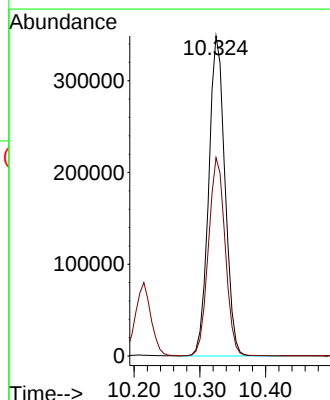
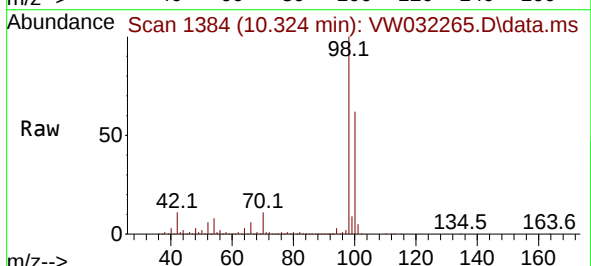
Acq: 25 Sep 2025 14:41

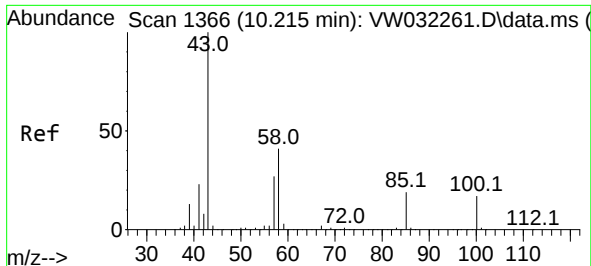
Tgt Ion: 98 Resp: 599404

Ion Ratio Lower Upper

98 100

100 63.9 53.0 79.4

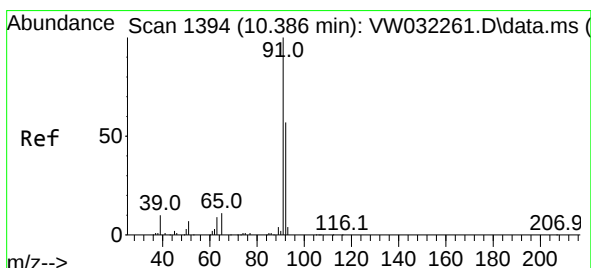
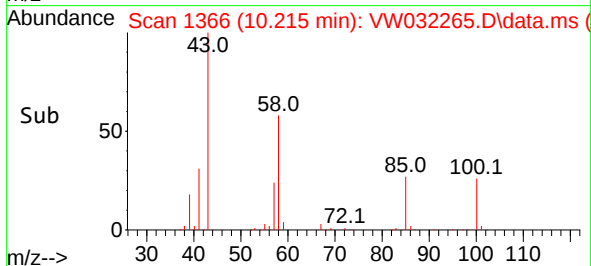
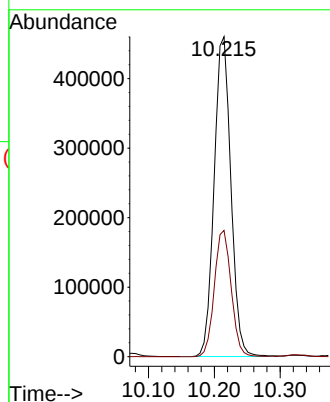
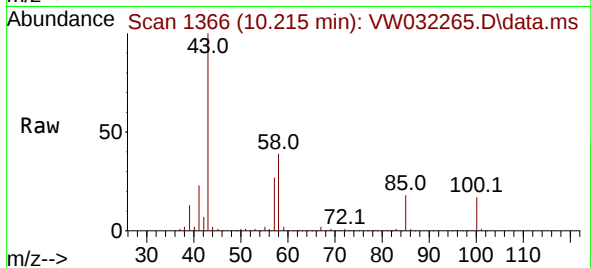




#51
4-Methyl-2-Pentanone
Concen: 242.856 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

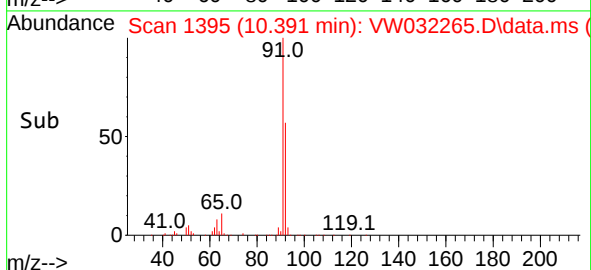
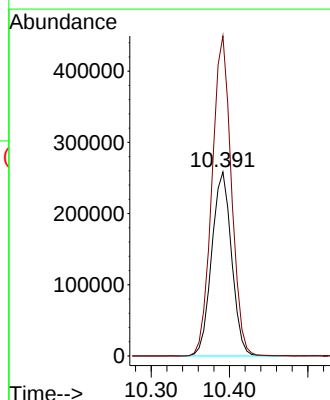
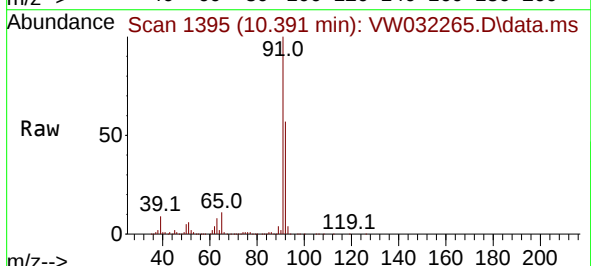
Instrument :
MSVOA_W
ClientSampleId :

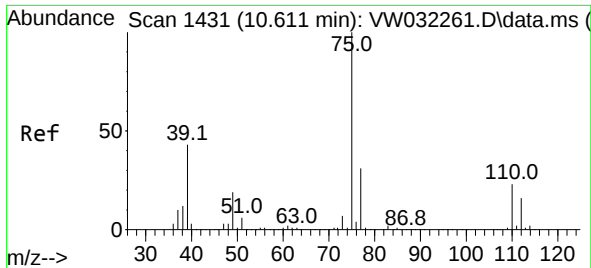
Tgt Ion: 43 Resp: 818368
Ion Ratio Lower Upper
43 100
58 39.6 32.3 48.5



#52
Toluene
Concen: 48.589 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 92 Resp: 453815
Ion Ratio Lower Upper
92 100
91 170.4 139.2 208.8

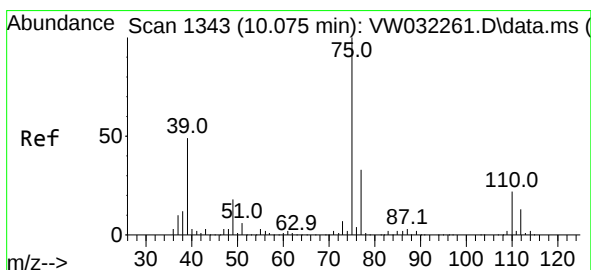
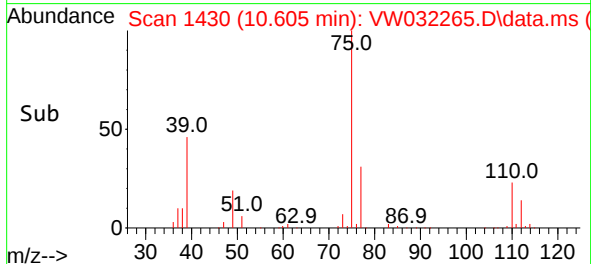
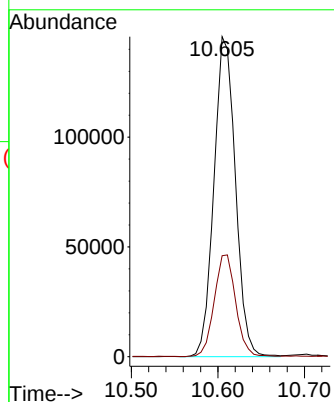
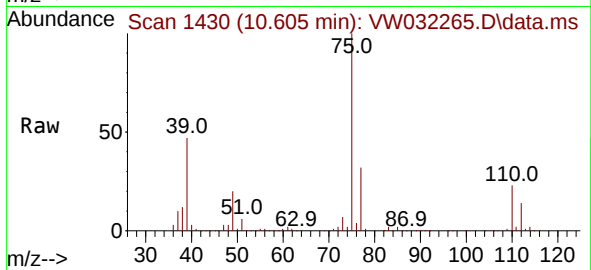




#53
 t-1,3-Dichloropropene
 Concen: 50.162 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

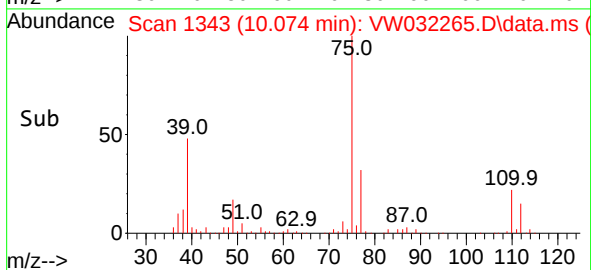
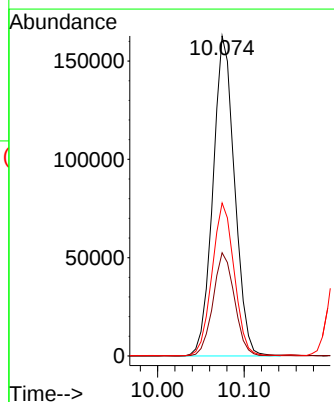
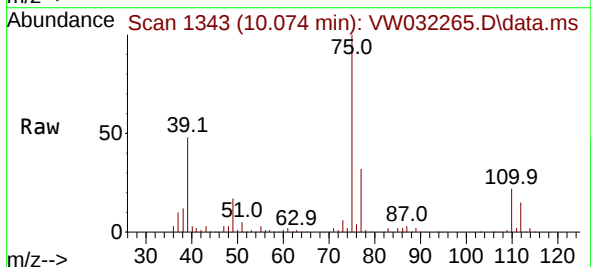
Instrument :
 MSVOA_W
 ClientSampleId :

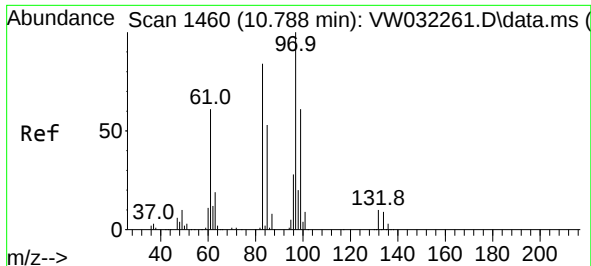
Tgt Ion: 75 Resp: 251526
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.823 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

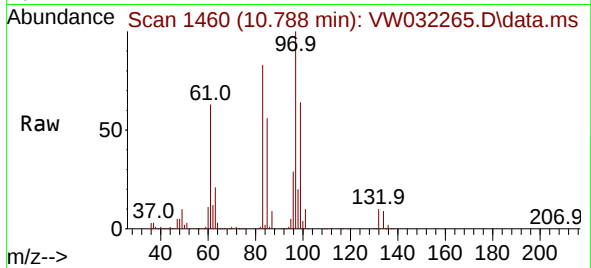
Tgt Ion: 75 Resp: 282634
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.4
 39 47.7 39.0 58.6



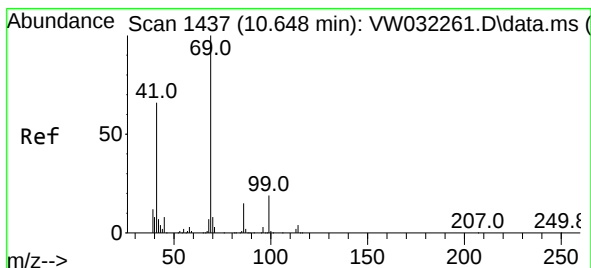
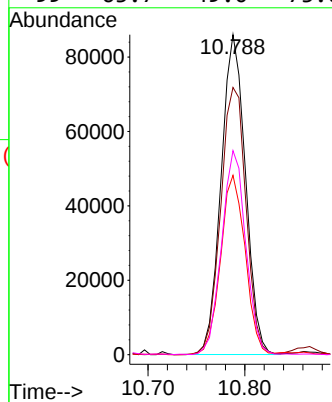
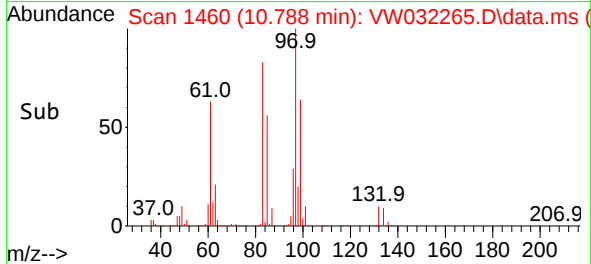


#55
1,1,2-Trichloroethane
Concen: 45.866 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

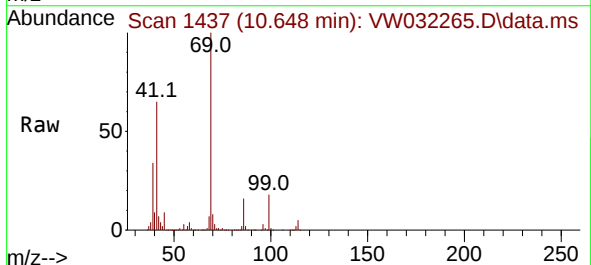
Instrument :
MSVOA_W
ClientSampleId :



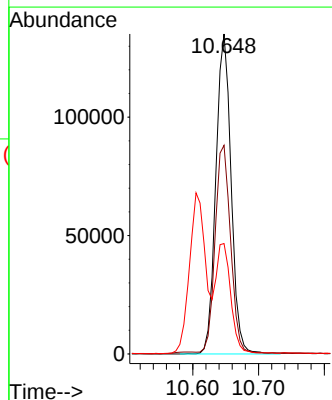
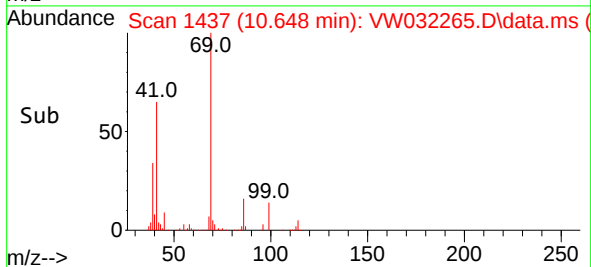
Tgt Ion:	97	Resp:	150225
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.2
85	56.1	42.0	63.0
99	63.7	49.0	73.6

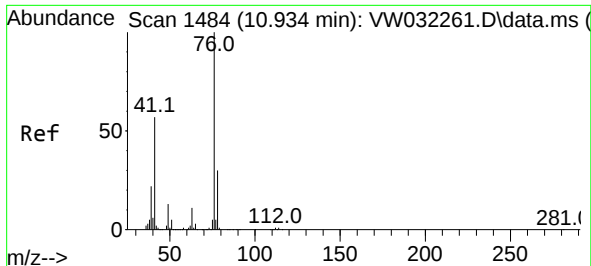


#56
Ethyl methacrylate
Concen: 50.508 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41



Tgt Ion:	69	Resp:	217909
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.7	82.1
39	32.5	26.3	39.5





#57

1,3-Dichloropropane

Concen: 47.265 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

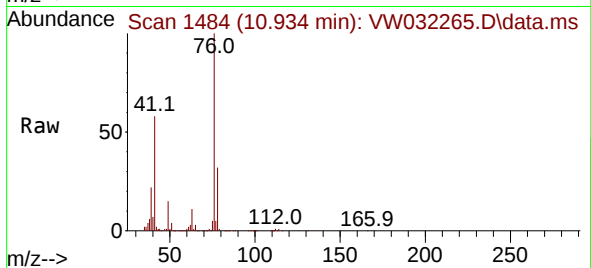
Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

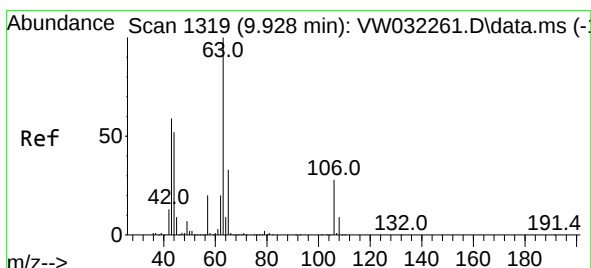
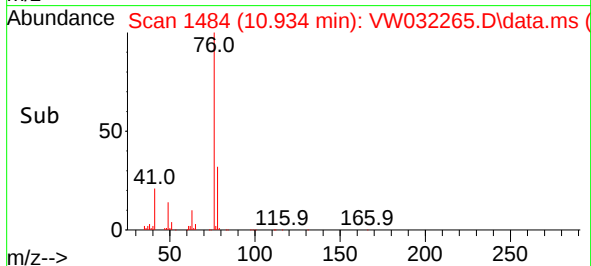
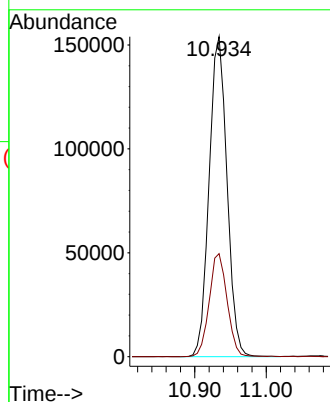


Tgt Ion: 76 Resp: 267442

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 266.090 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032265.D

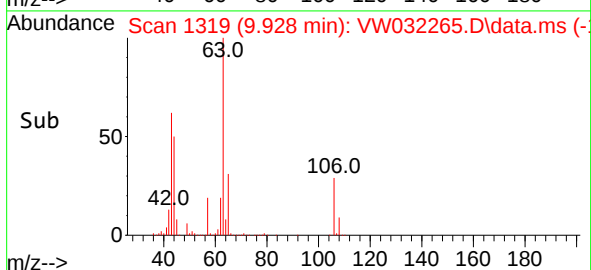
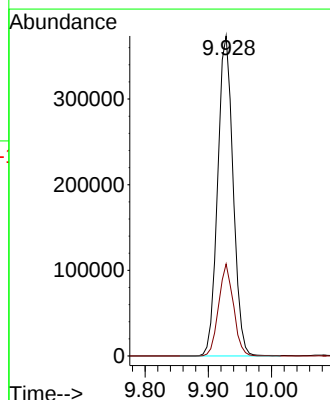
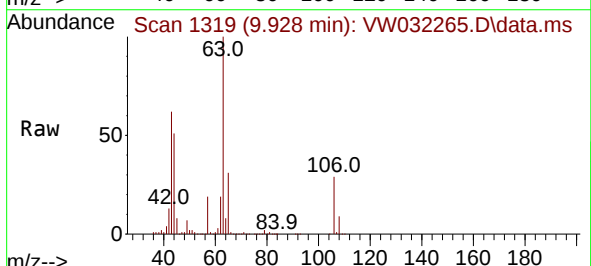
Acq: 25 Sep 2025 14:41

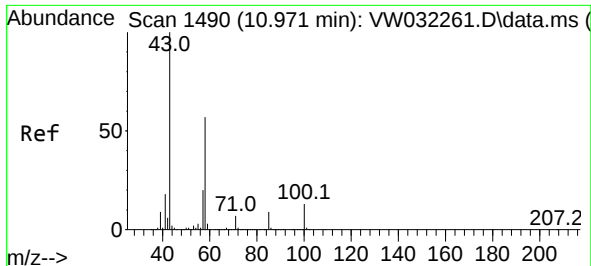
Tgt Ion: 63 Resp: 630192

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7

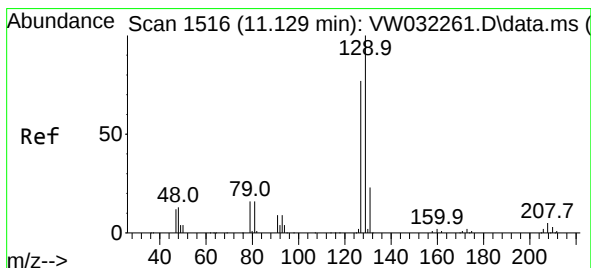
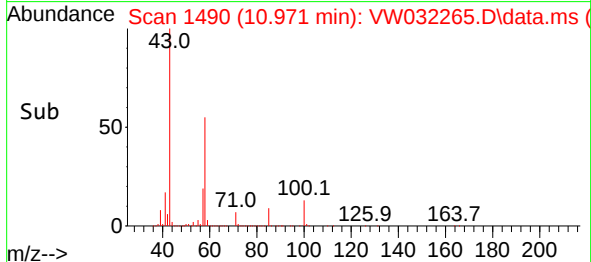
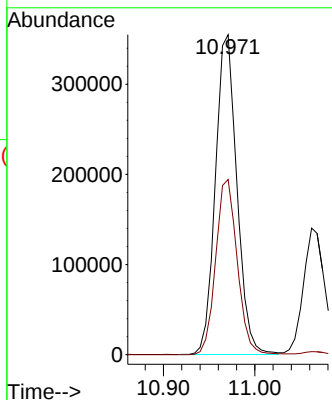
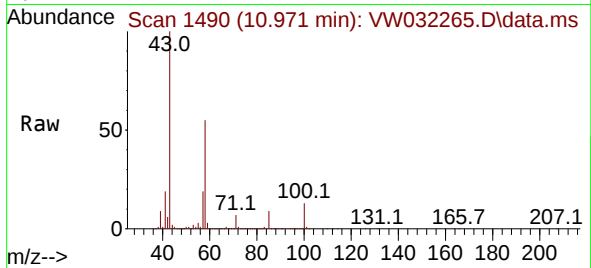




#59
2-Hexanone
Concen: 252.380 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

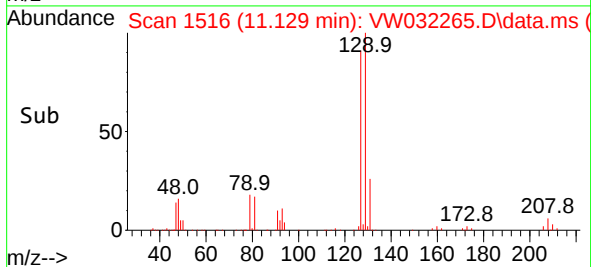
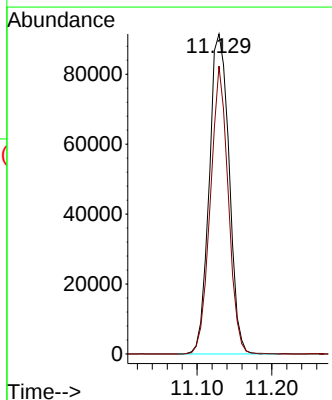
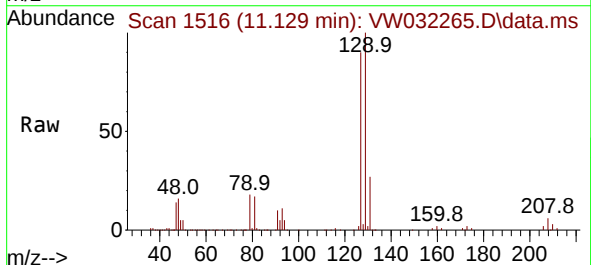
Instrument :
MSVOA_W
ClientSampleId :

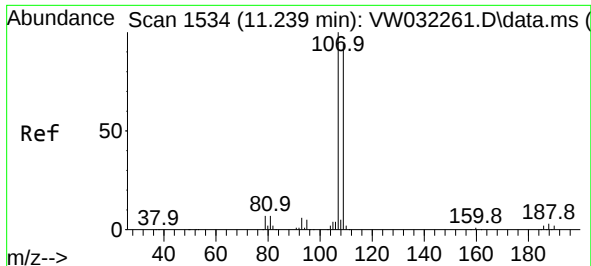
Tgt Ion: 43 Resp: 580772
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6



#60
Dibromochloromethane
Concen: 46.885 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:129 Resp: 168649
Ion Ratio Lower Upper
129 100
127 80.8 39.3 117.8

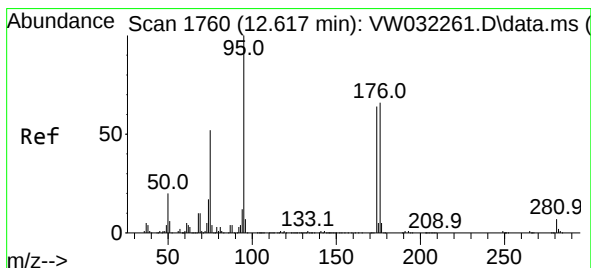
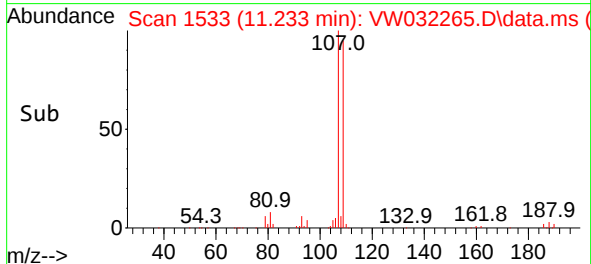
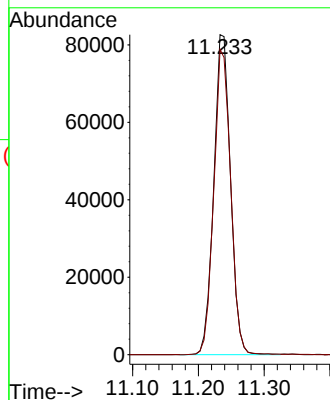
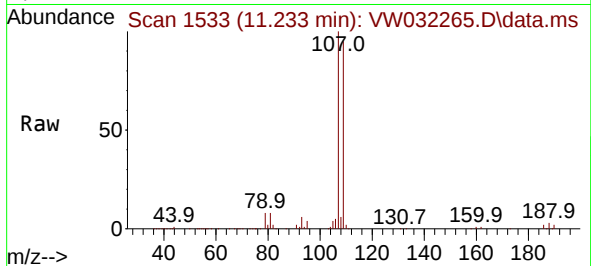




#61
1,2-Dibromoethane
Concen: 47.160 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

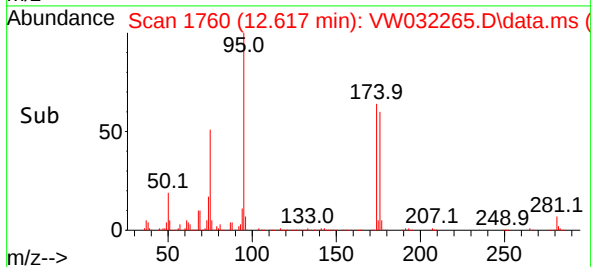
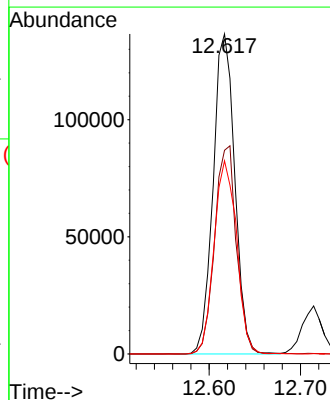
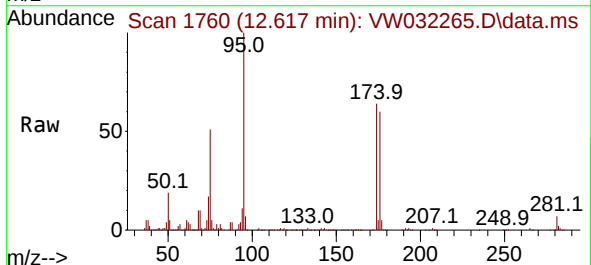
Instrument :
MSVOA_W
ClientSampleId :

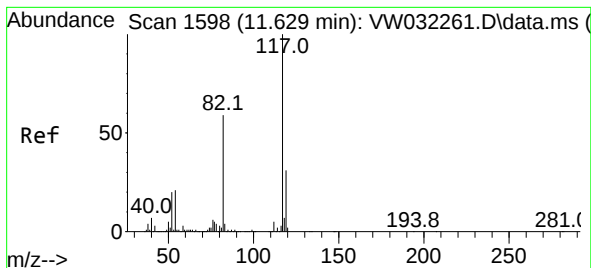
Tgt Ion:107 Resp: 146339
Ion Ratio Lower Upper
107 100
109 96.1 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 95 Resp: 224886
Ion Ratio Lower Upper
95 100
174 65.8 0.0 130.6
176 63.1 0.0 127.0

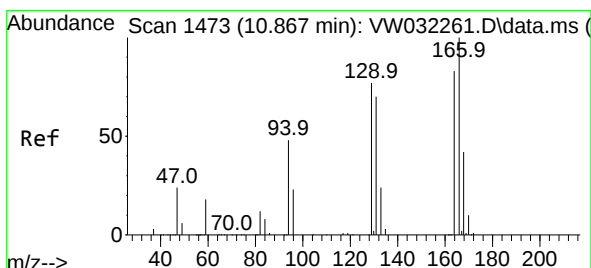
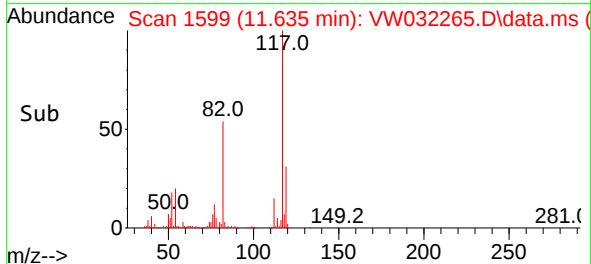
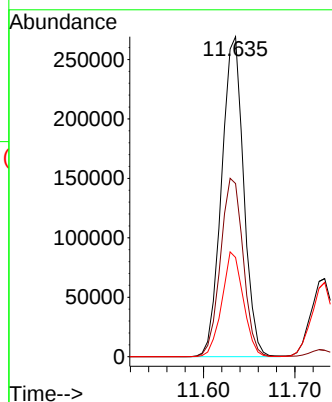
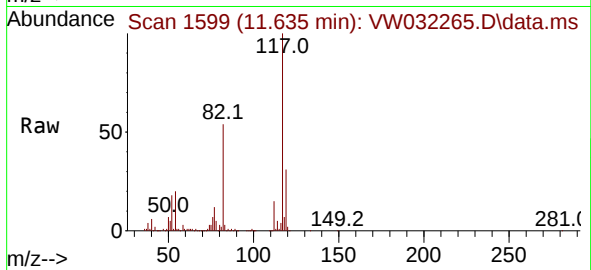




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

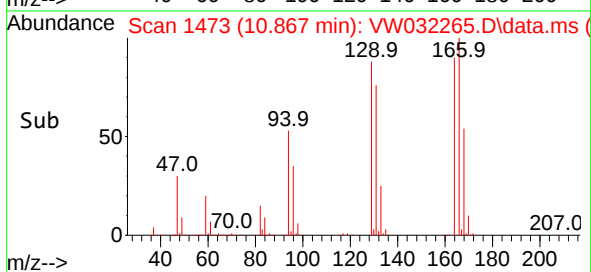
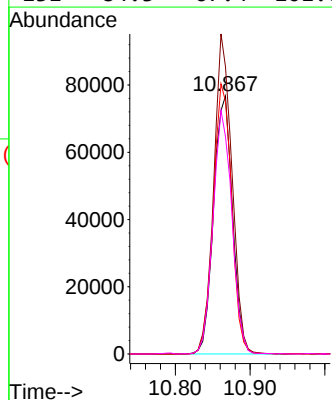
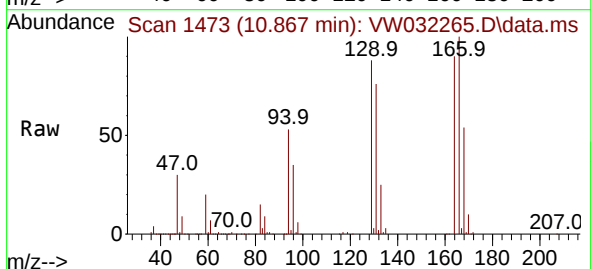
Instrument :
MSVOA_W
ClientSampleId :

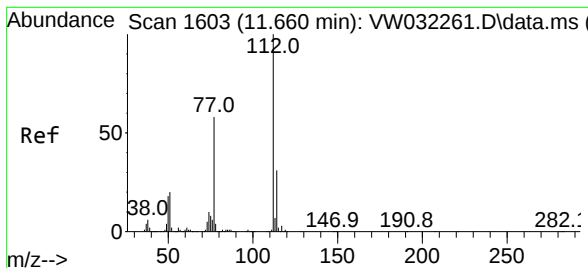
Tgt Ion:117 Resp: 451873
Ion Ratio Lower Upper
117 100
82 54.1 46.9 70.3
119 31.0 24.9 37.3



#64
Tetrachloroethene
Concen: 49.112 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:164 Resp: 135242
Ion Ratio Lower Upper
164 100
166 111.3 96.9 145.3
129 98.0 75.0 112.4
131 84.3 67.4 101.0





#65

Chlorobenzene

Concen: 48.030 ug/l

RT: 11.660 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

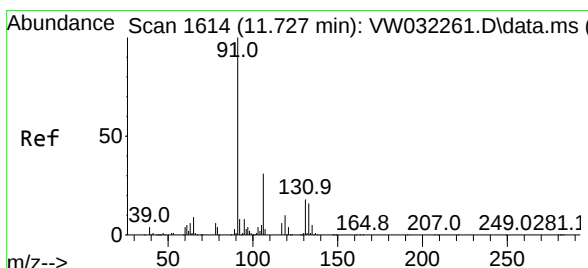
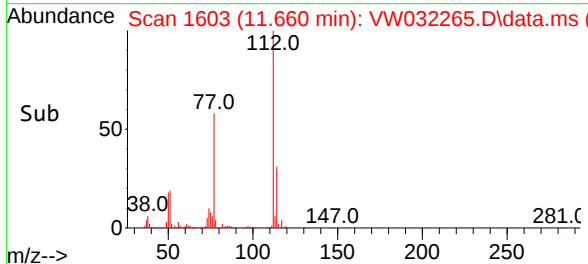
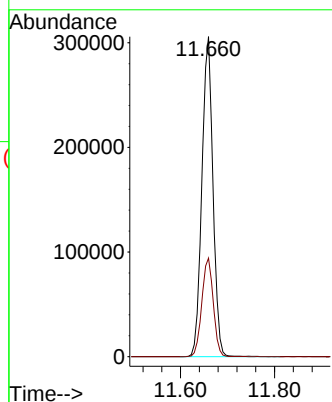
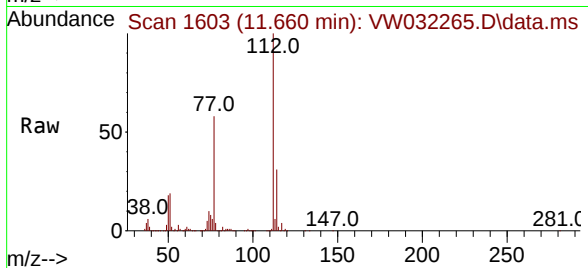
ClientSampleId :

Tgt Ion:112 Resp: 499921

Ion Ratio Lower Upper

112 100

114 30.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 49.606 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

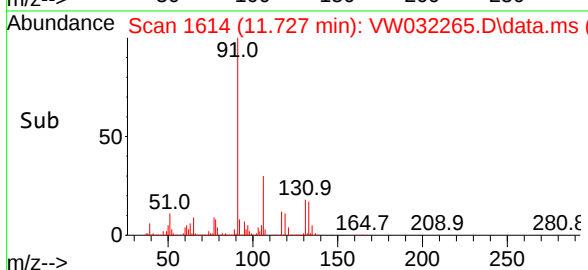
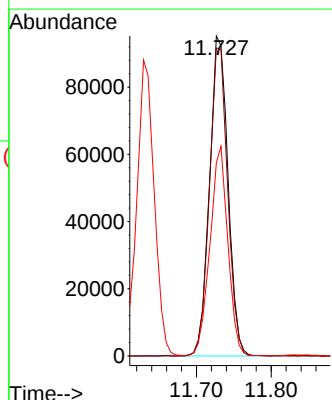
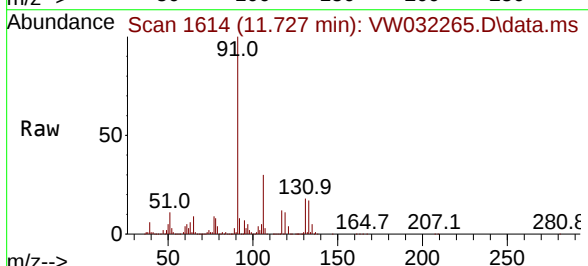
Tgt Ion:131 Resp: 163293

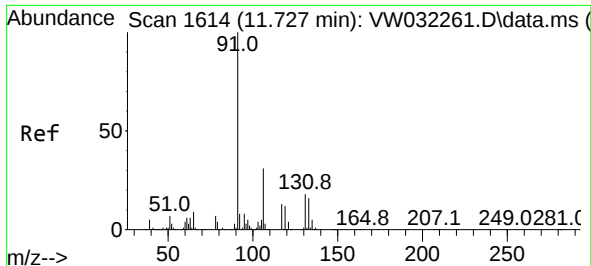
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.3

119 63.6 33.9 101.7





#67

Ethyl Benzene

Concen: 50.283 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

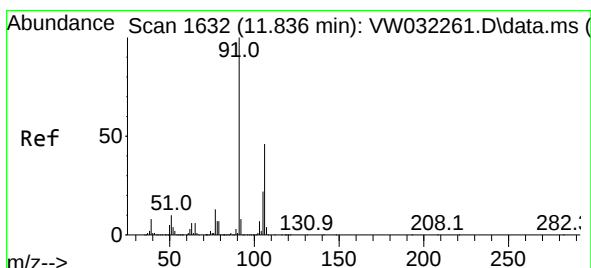
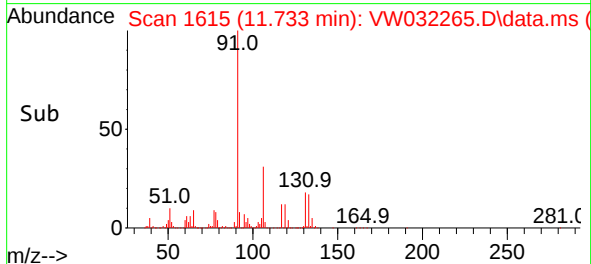
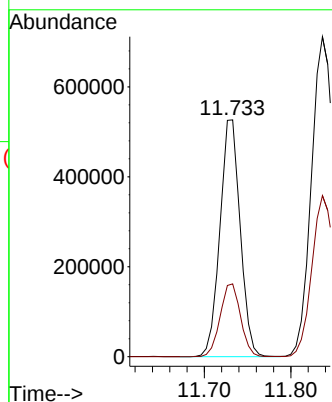
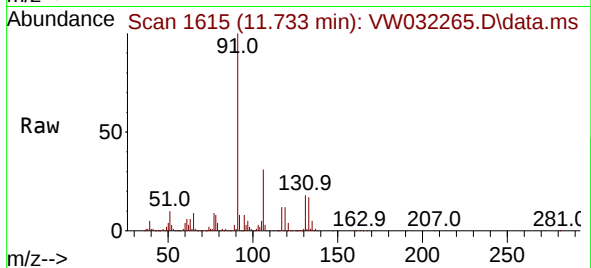
ClientSampleId :

Tgt Ion: 91 Resp: 856675

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 101.354 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032265.D

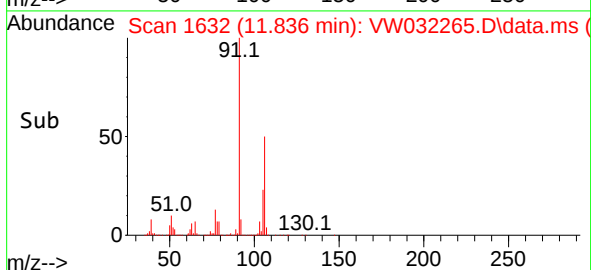
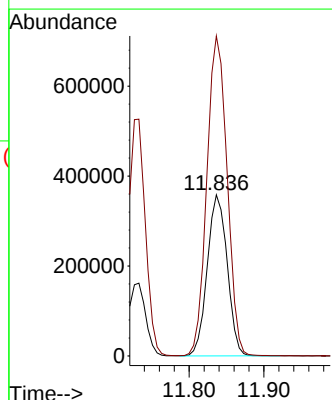
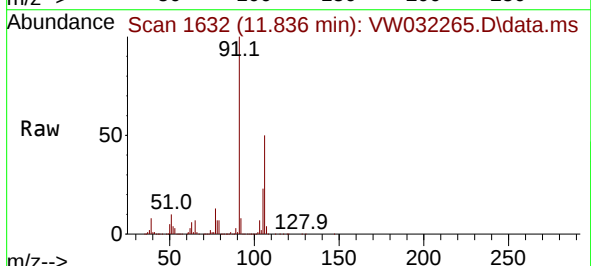
Acq: 25 Sep 2025 14:41

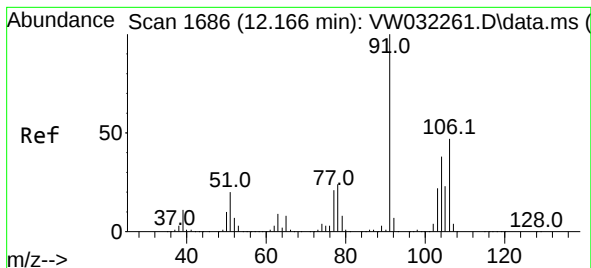
Tgt Ion:106 Resp: 661932

Ion Ratio Lower Upper

106 100

91 202.4 169.0 253.4

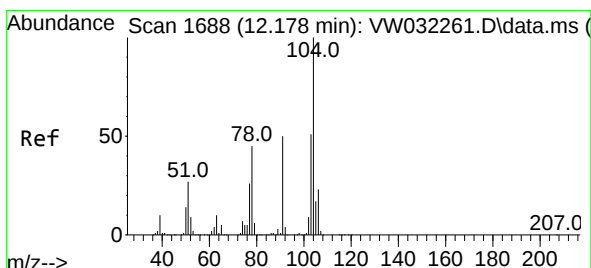
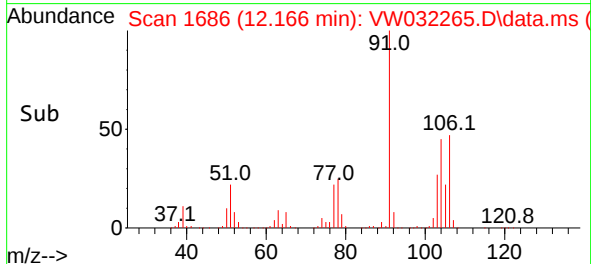
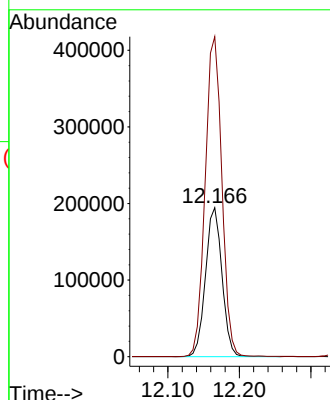
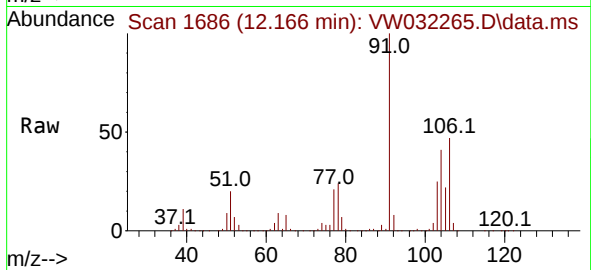




#69
o-Xylene
Concen: 50.802 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

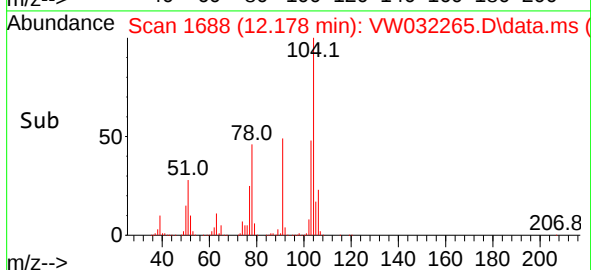
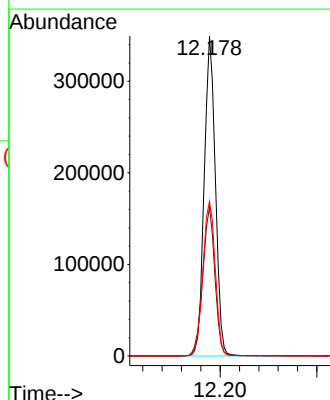
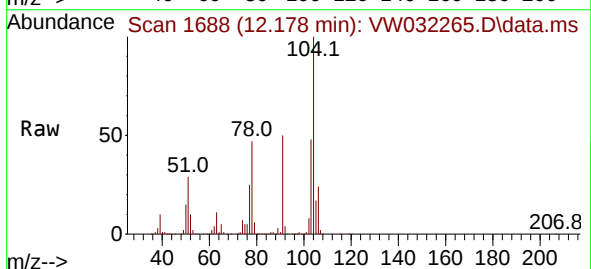
Instrument :
MSVOA_W
ClientSampleId :

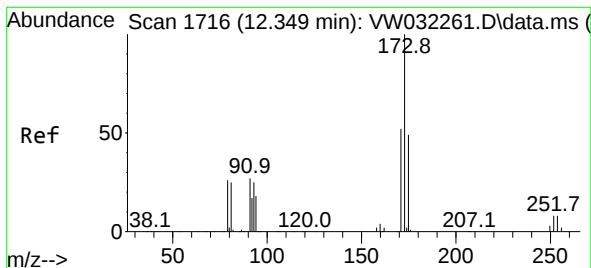
Tgt Ion:106 Resp: 311812
Ion Ratio Lower Upper
106 100
91 217.1 107.8 323.6



#70
Styrene
Concen: 52.165 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:104 Resp: 561475
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 53.9 43.4 65.2





#71

Bromoform

Concen: 48.298 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

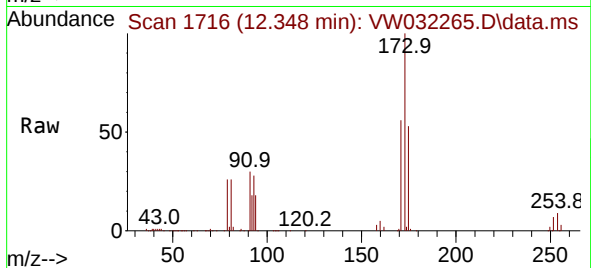
Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :



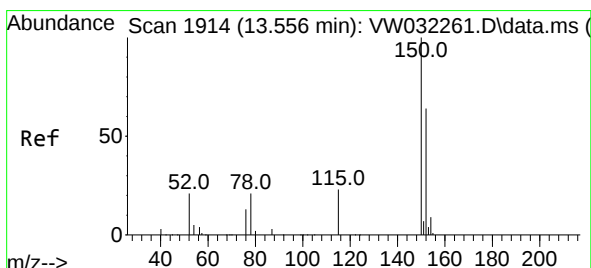
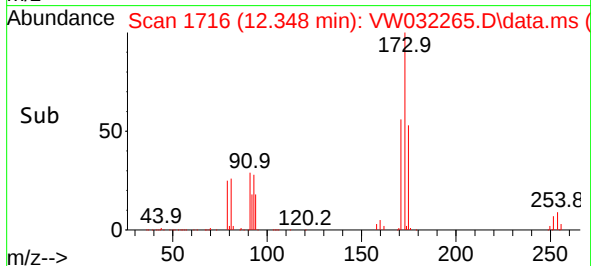
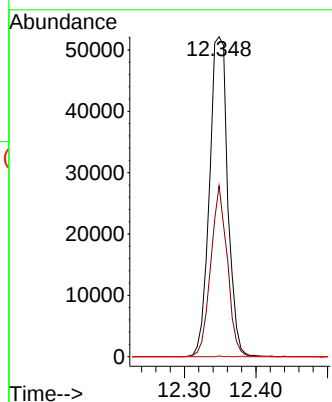
Tgt Ion:173 Resp: 92649

Ion Ratio Lower Upper

173 100

175 48.5 23.1 69.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

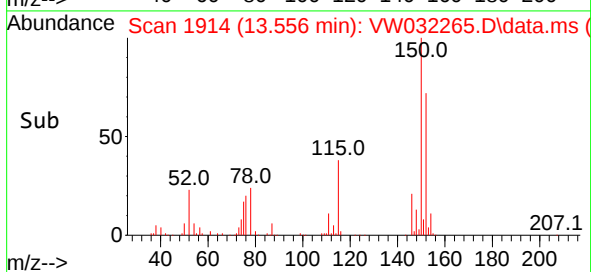
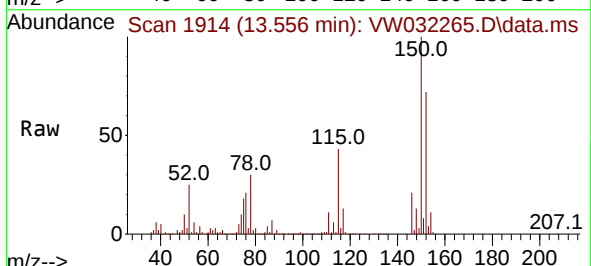
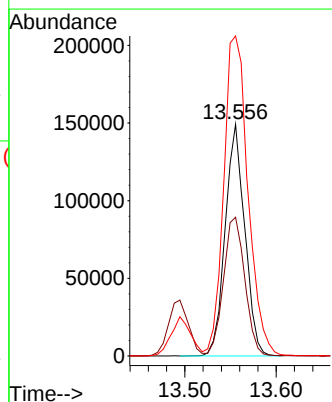
Tgt Ion:152 Resp: 222449

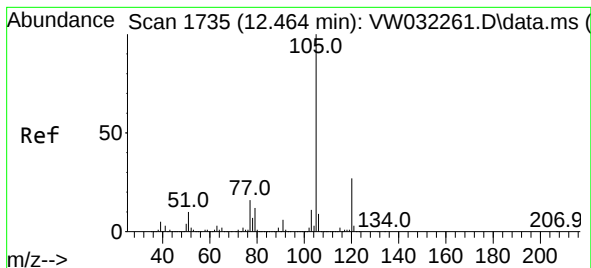
Ion Ratio Lower Upper

152 100

115 65.3 32.5 97.5

150 171.1 0.0 370.2





#73

Isopropylbenzene

Concen: 52.514 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

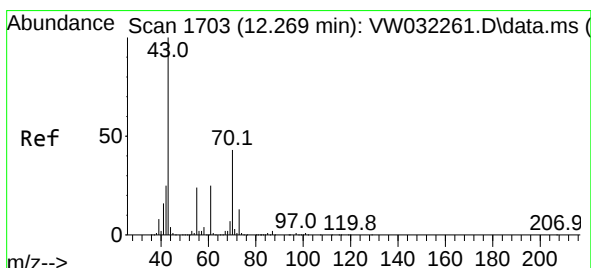
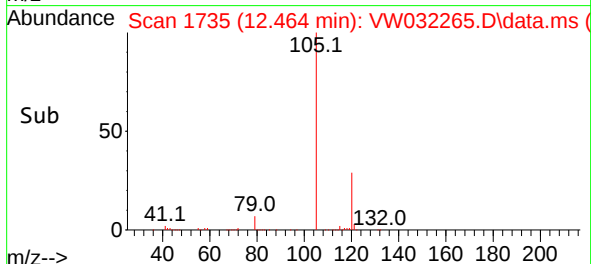
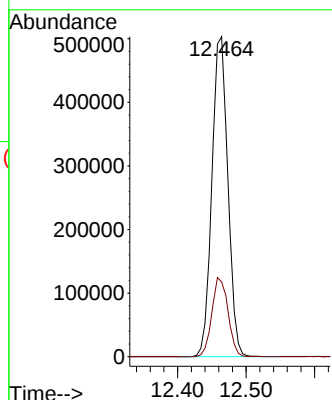
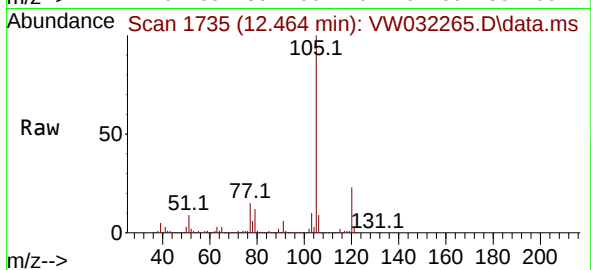
ClientSampleId :

Tgt Ion:105 Resp: 813069

Ion Ratio Lower Upper

105 100

120 25.0 13.1 39.3



#74

N-ethyl acetate

Concen: 51.392 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 250576

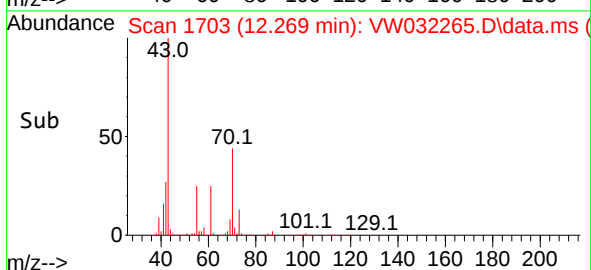
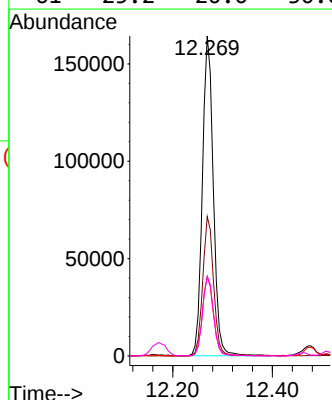
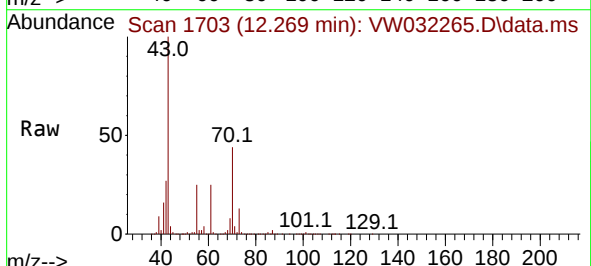
Ion Ratio Lower Upper

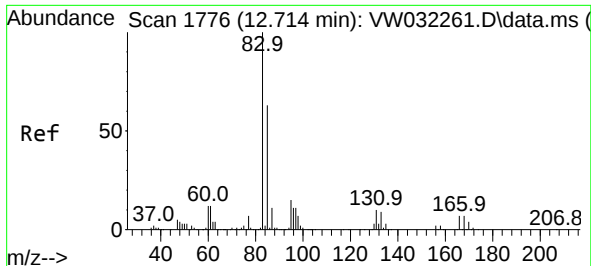
43 100

70 43.0 35.0 52.4

55 25.2 20.6 31.0

61 25.2 20.0 30.0

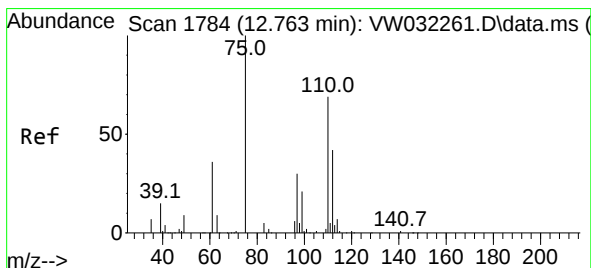
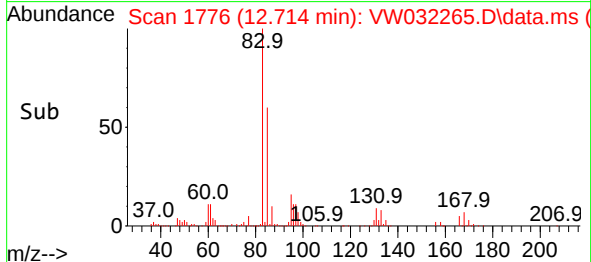
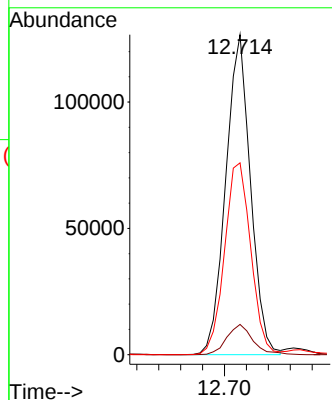
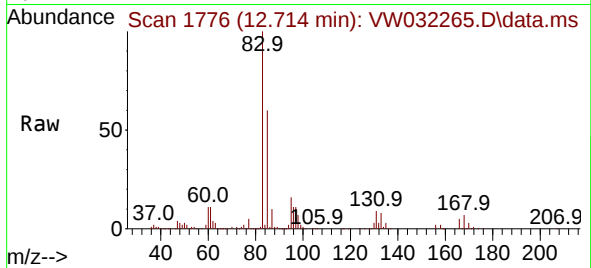




#75
1,1,2,2-Tetrachloroethane
Concen: 48.912 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

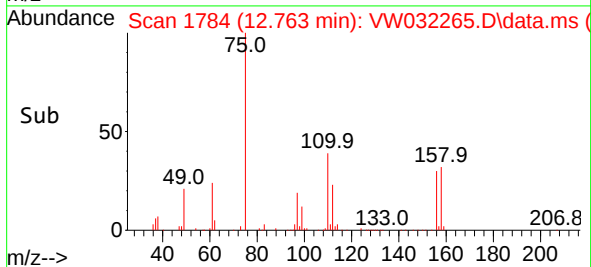
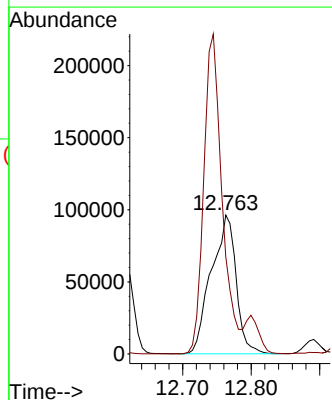
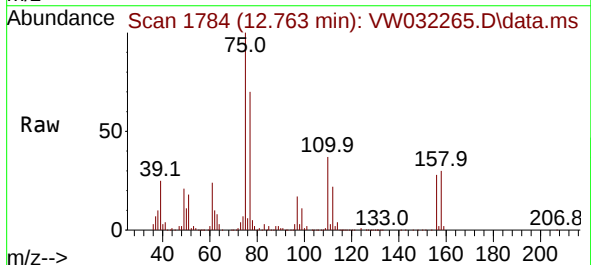
Instrument :
MSVOA_W
ClientSampleId :

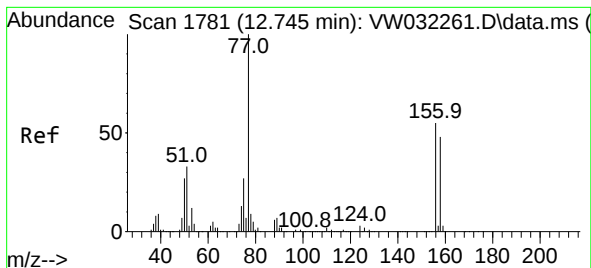
Tgt Ion: 83 Resp: 198553
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 79.054 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 241934
Ion Ratio Lower Upper
75 100
77 172.1 140.9 422.7





#77

Bromobenzene

Concen: 49.278 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

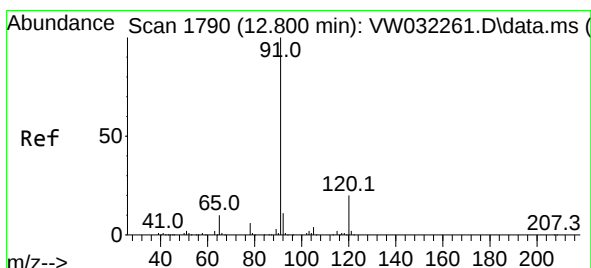
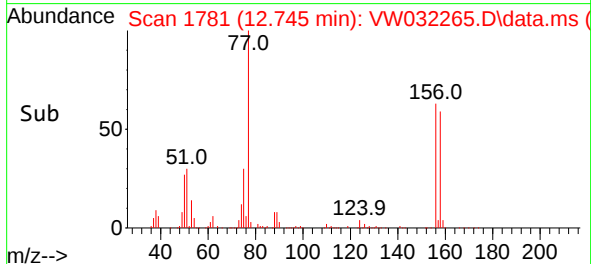
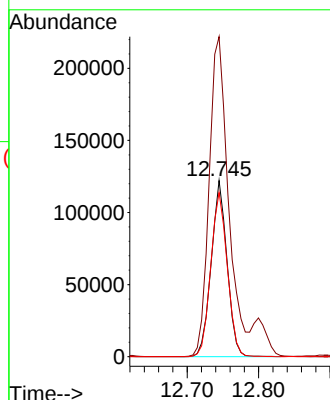
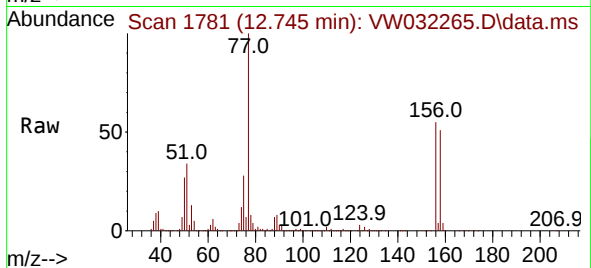
Tgt Ion:156 Resp: 187660

Ion Ratio Lower Upper

156 100

77 221.9 103.3 309.8

158 97.4 45.4 136.2



#78

n-propylbenzene

Concen: 51.435 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032265.D

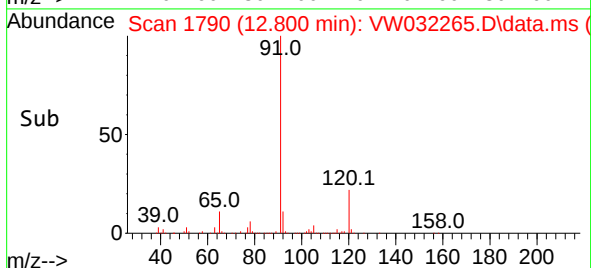
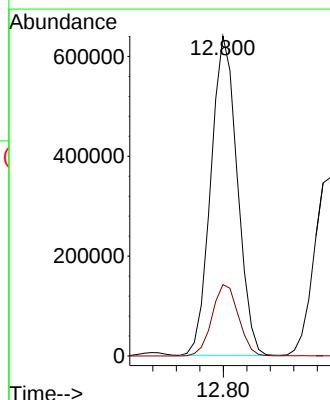
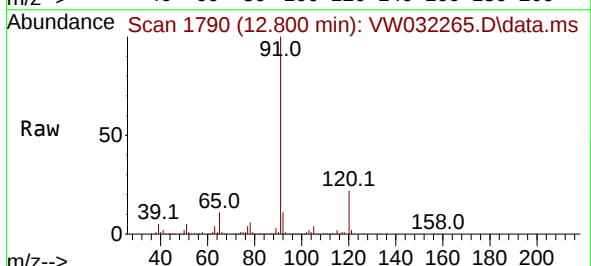
Acq: 25 Sep 2025 14:41

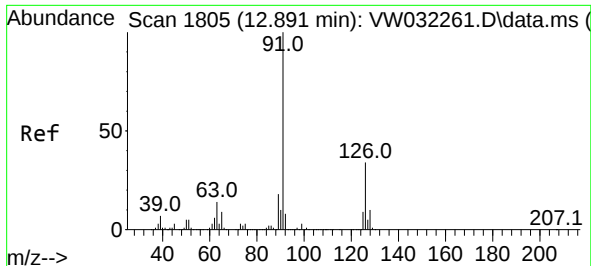
Tgt Ion: 91 Resp: 1000306

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

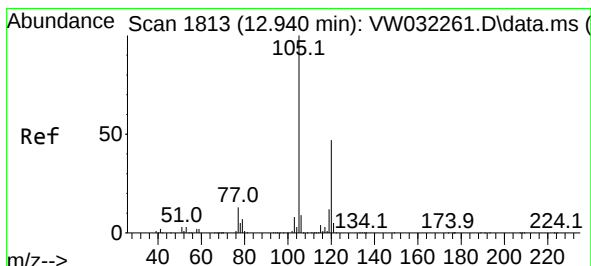
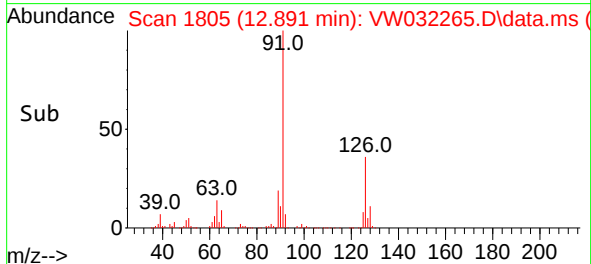
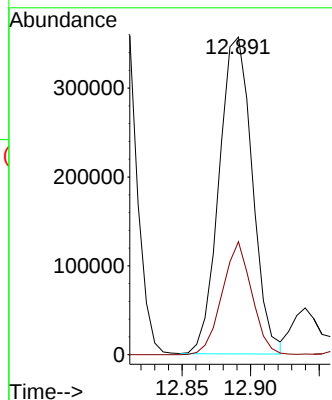
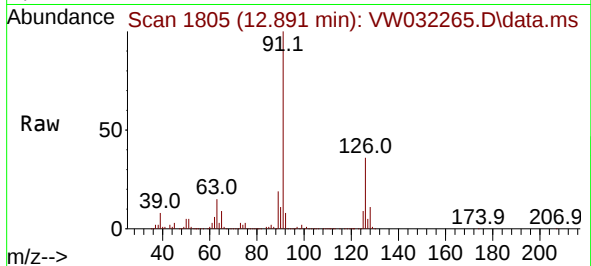




#79
2-Chlorotoluene
Concen: 51.132 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

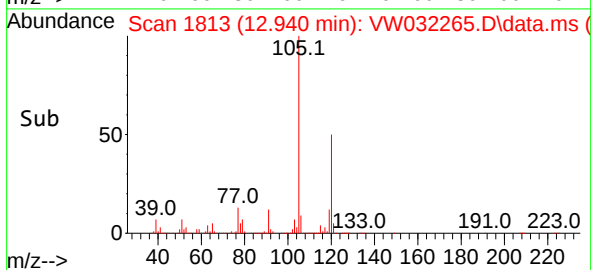
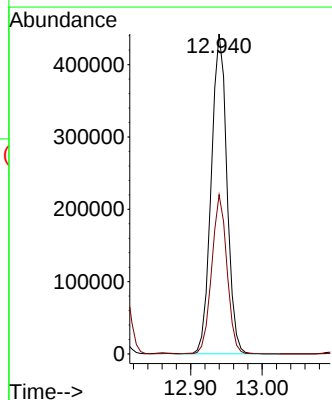
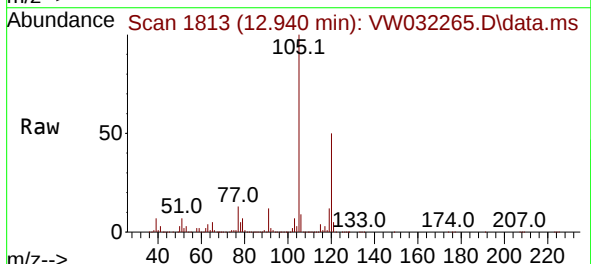
Instrument :
MSVOA_W
ClientSampleId :

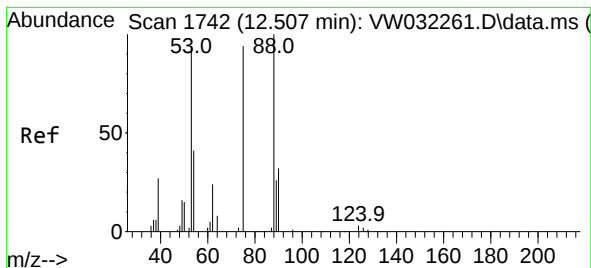
Tgt Ion: 91 Resp: 602382
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.853 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 673147
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2

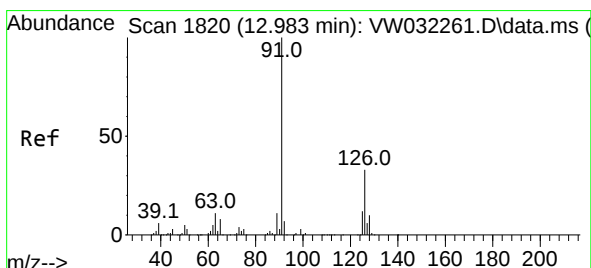
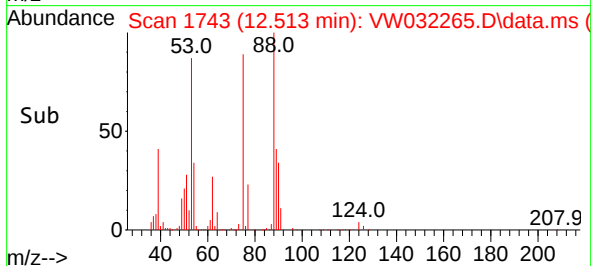
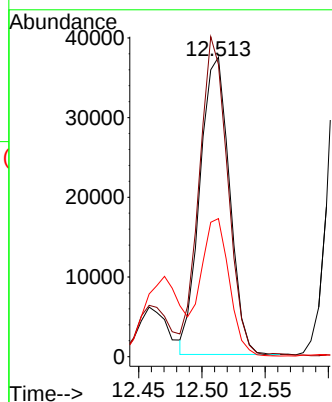
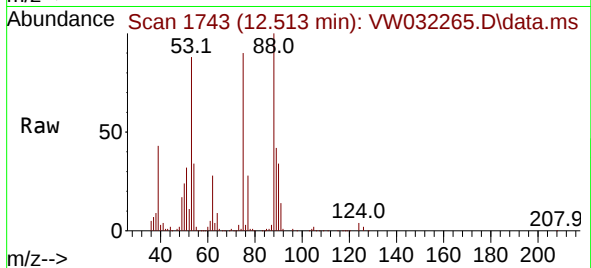




#81
trans-1,4-Dichloro-2-butene
Concen: 51.360 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

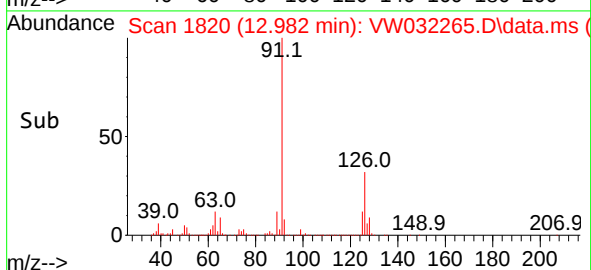
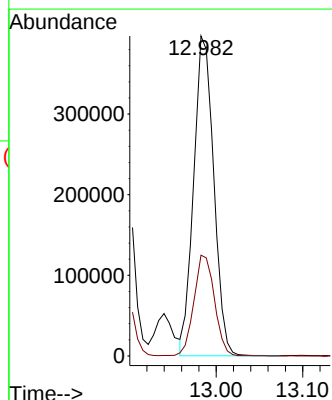
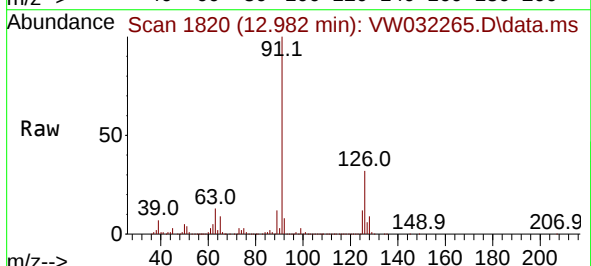
Instrument :
MSVOA_W
ClientSampleId :

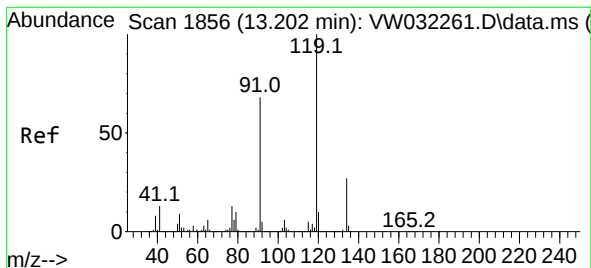
Tgt Ion: 75 Resp: 60514
Ion Ratio Lower Upper
75 100
53 103.0 81.4 122.2
89 44.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 51.201 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 637484
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.118 ug/l

RT: 13.196 min Scan# 1855

Delta R.T. -0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

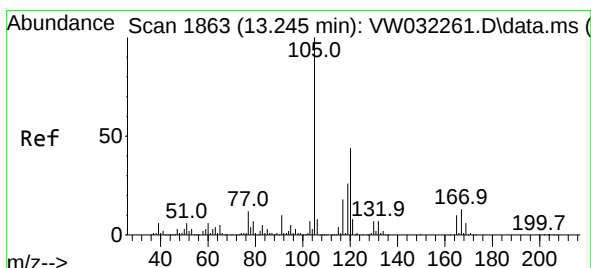
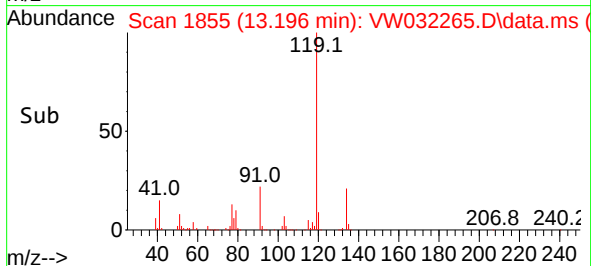
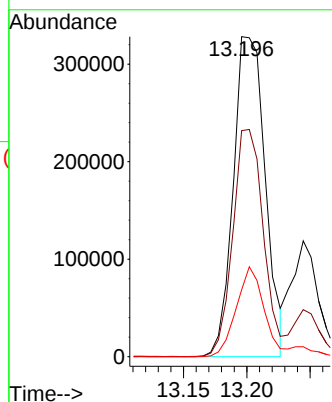
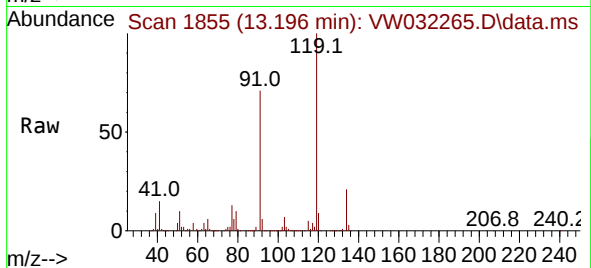
Tgt Ion:119 Resp: 576966

Ion Ratio Lower Upper

119 100

91 67.6 35.5 106.5

134 24.6 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 51.317 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032265.D

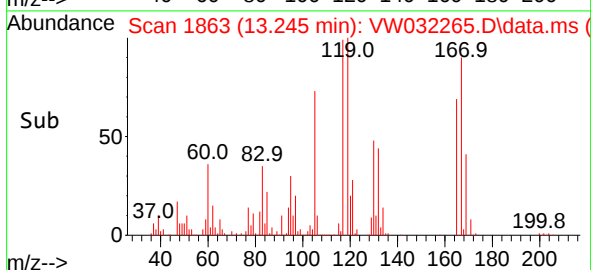
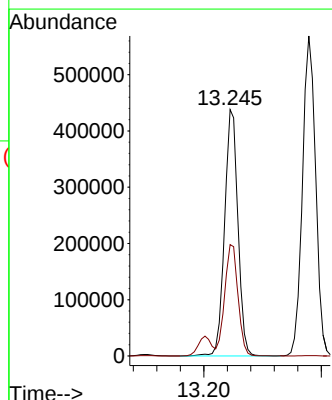
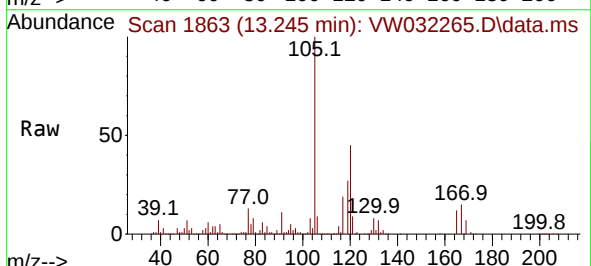
Acq: 25 Sep 2025 14:41

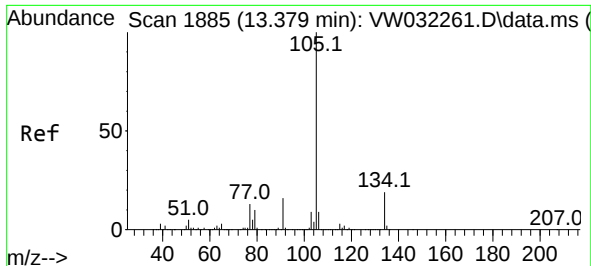
Tgt Ion:105 Resp: 689694

Ion Ratio Lower Upper

105 100

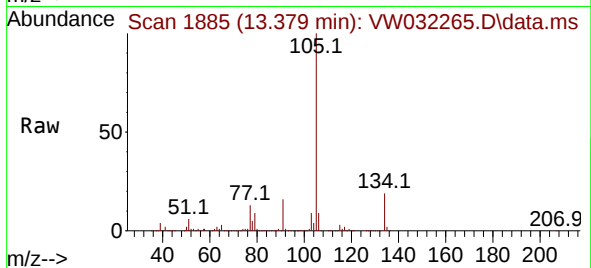
120 45.0 22.8 68.3



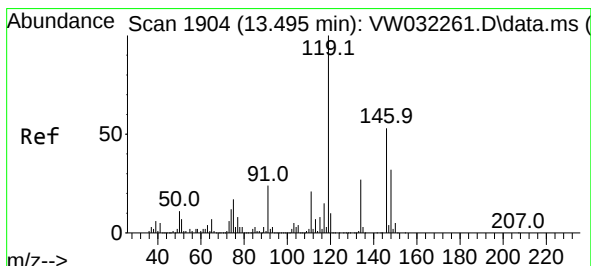
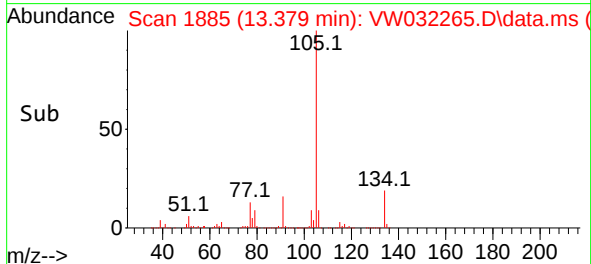
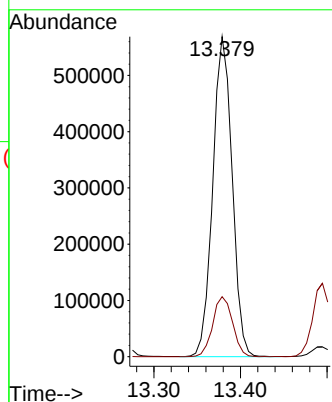


#85
 sec-Butylbenzene
 Concen: 53.137 ug/l
 RT: 13.379 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Instrument :
 MSVOA_W
 ClientSampleId :

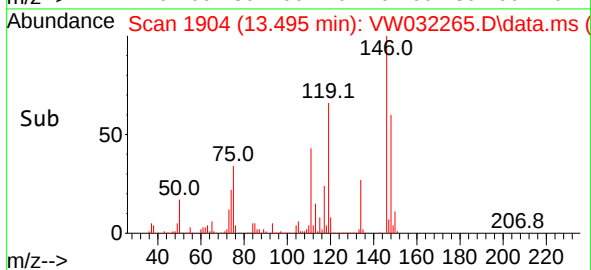
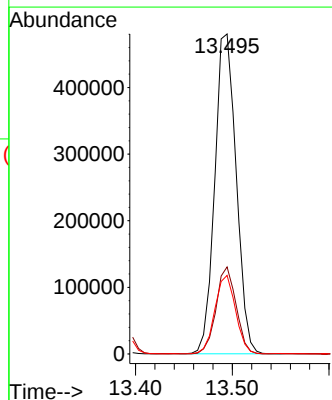
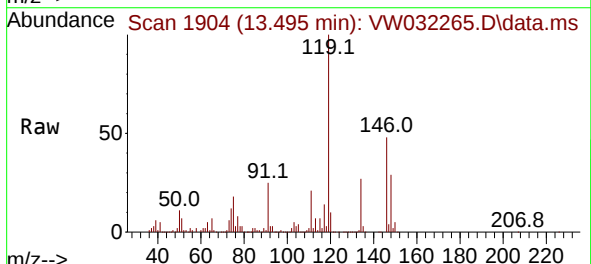


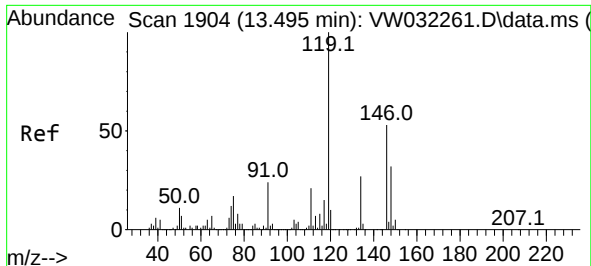
Tgt Ion:105 Resp: 883354
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 53.640 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Tgt Ion:119 Resp: 738513
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.081 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

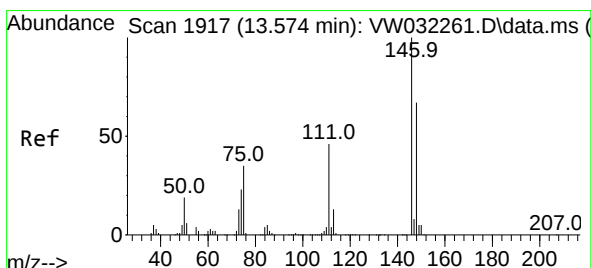
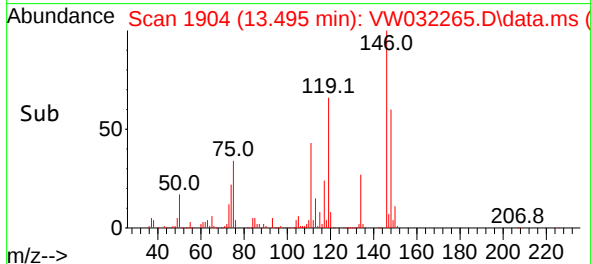
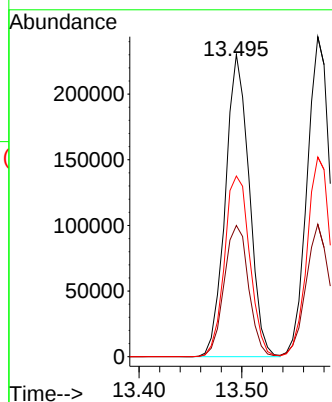
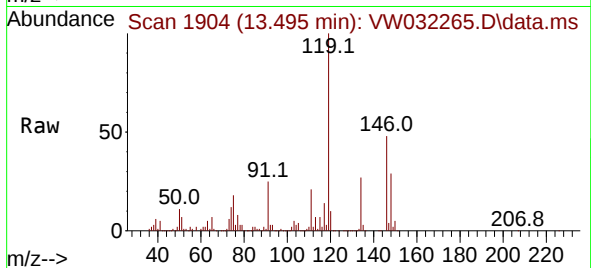
Tgt Ion:146 Resp: 369709

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.107 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

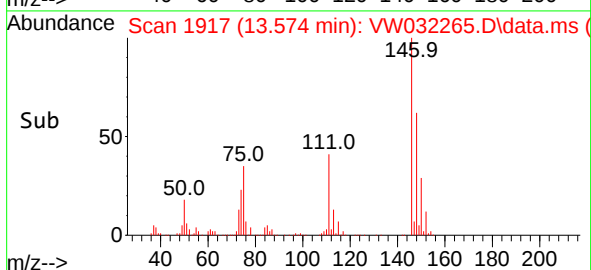
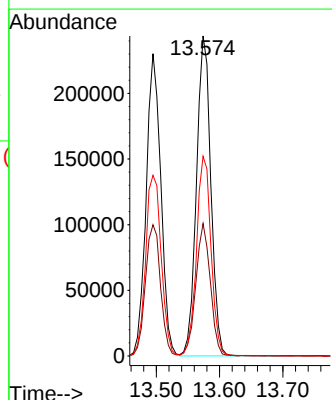
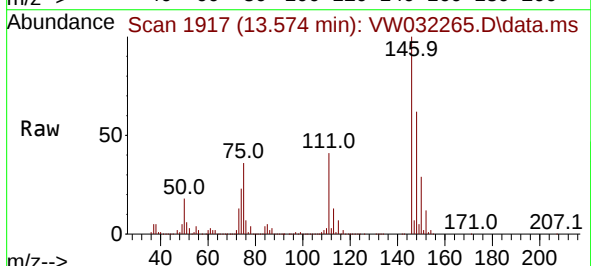
Tgt Ion:146 Resp: 385587

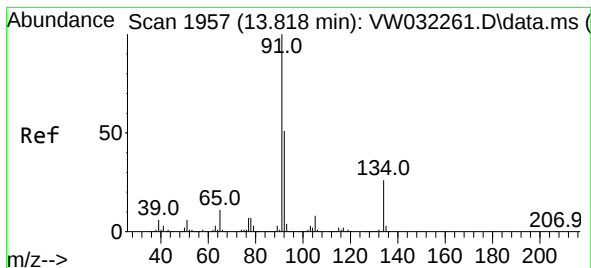
Ion Ratio Lower Upper

146 100

111 41.7 22.4 67.2

148 62.9 34.4 103.1





#89

n-Butylbenzene

Concen: 51.933 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

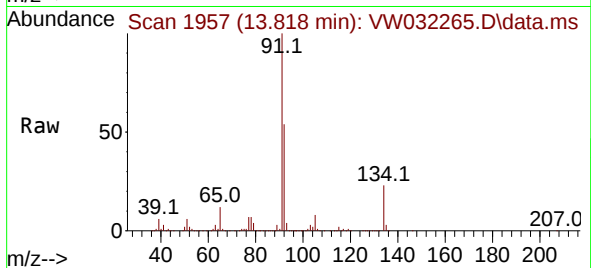
Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

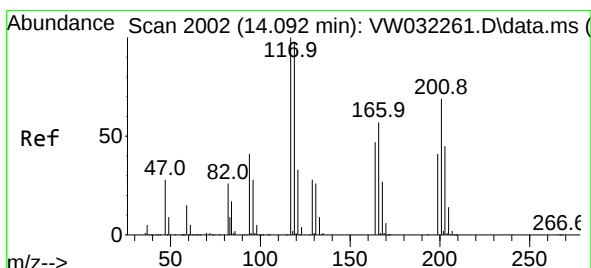
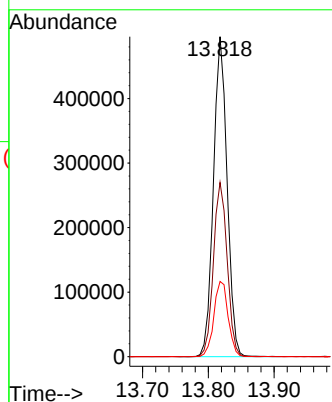
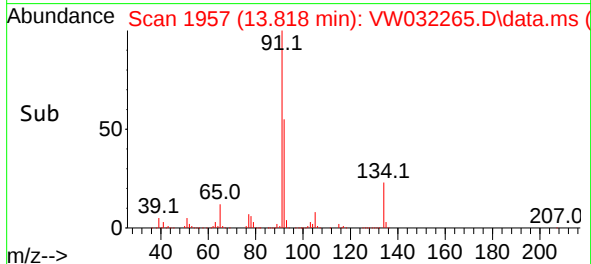
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	91	Resp:	717557
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.7	80.1
134	24.6	12.3	36.8



#90

Hexachloroethane

Concen: 49.603 ug/l

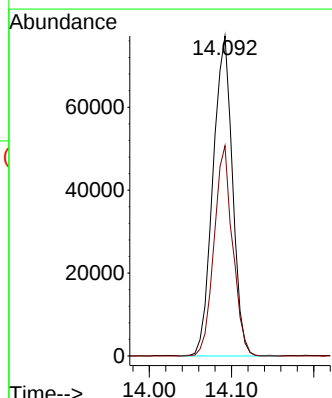
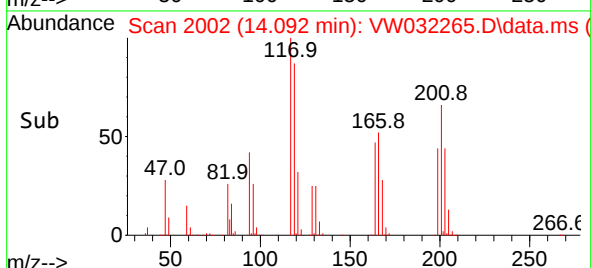
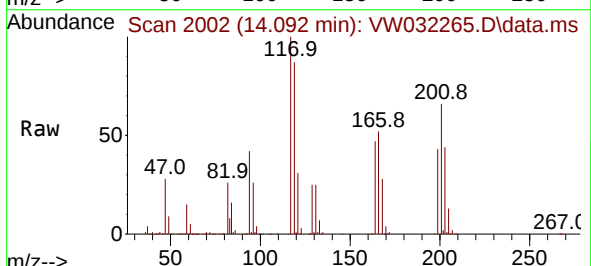
RT: 14.092 min Scan# 2002

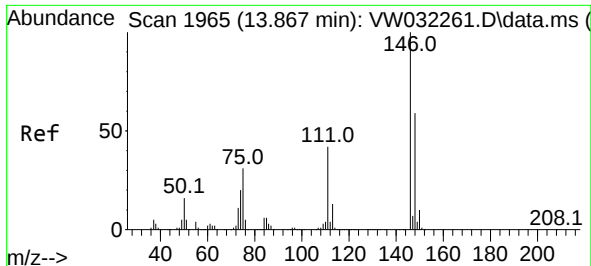
Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Tgt Ion:	117	Resp:	127284
Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.4	94.0





#91

1,2-Dichlorobenzene

Concen: 47.990 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :

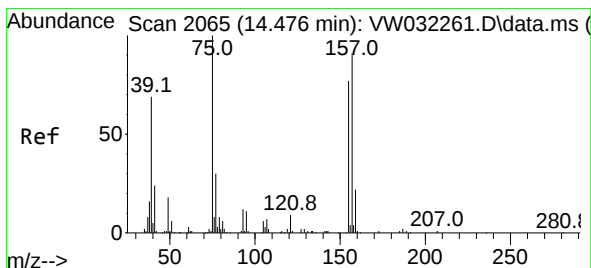
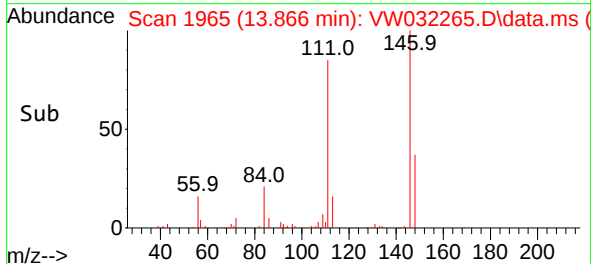
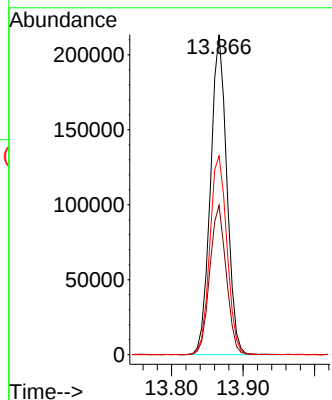
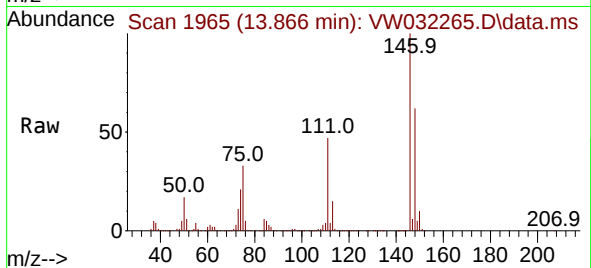
Tgt Ion:146 Resp: 338162

Ion Ratio Lower Upper

146 100

111 46.9 21.9 65.8

148 65.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.711 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

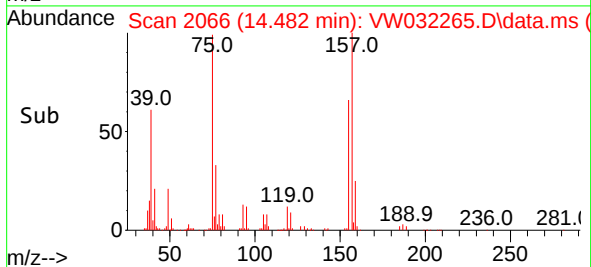
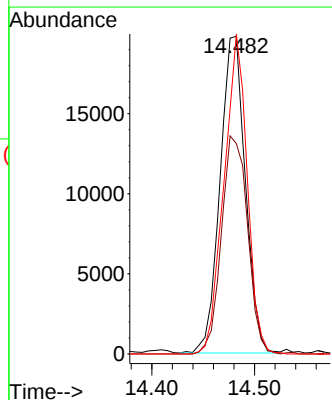
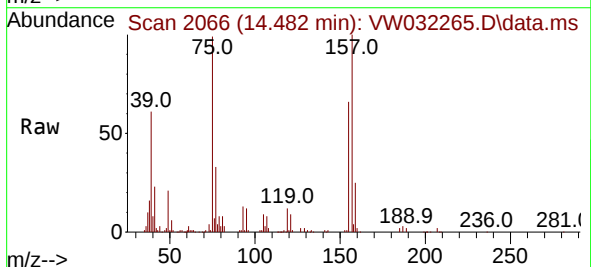
Tgt Ion: 75 Resp: 33822

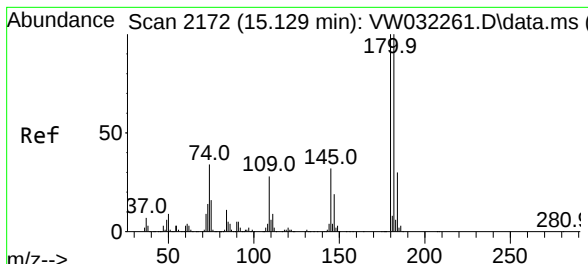
Ion Ratio Lower Upper

75 100

155 71.0 38.2 114.6

157 92.5 47.0 141.0



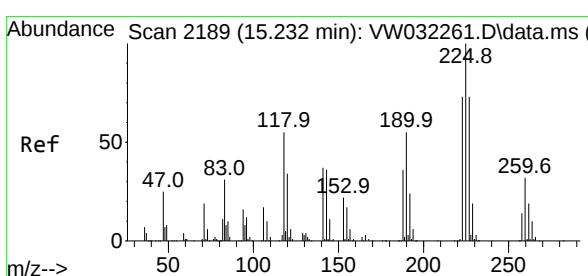
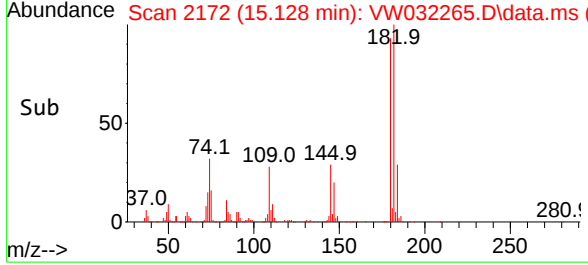
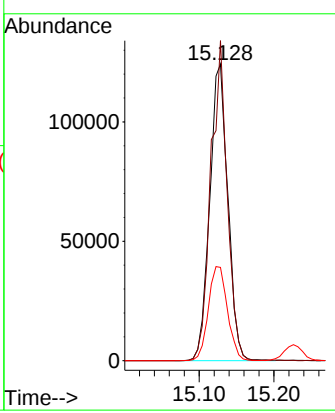
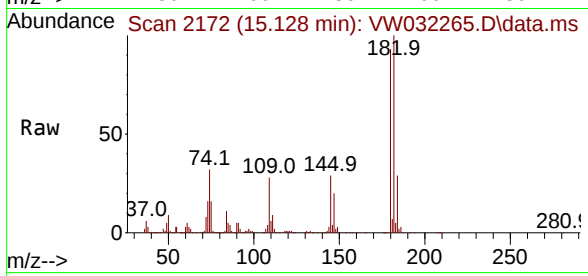


#93
 1,2,4-Trichlorobenzene
 Concen: 49.989 ug/l
 RT: 15.128 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 208974

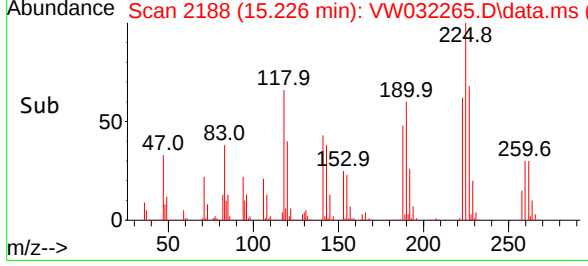
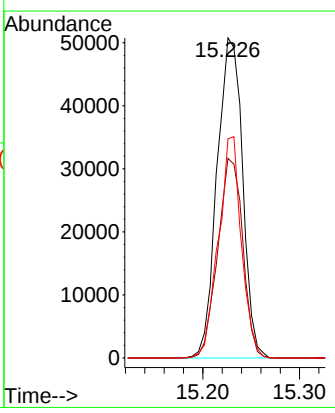
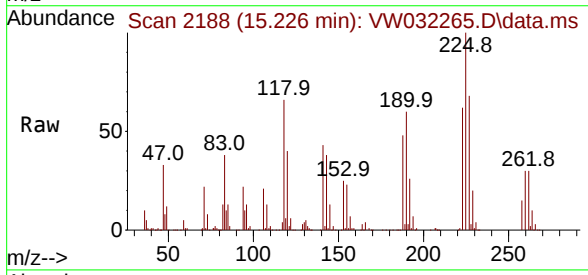
Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.4	145.3
145	33.4	16.9	50.7

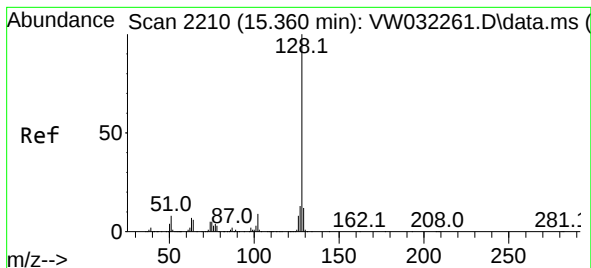


#94
 Hexachlorobutadiene
 Concen: 48.387 ug/l
 RT: 15.226 min Scan# 2188
 Delta R.T. -0.006 min
 Lab File: VW032265.D
 Acq: 25 Sep 2025 14:41

Tgt Ion:225 Resp: 92899

Ion	Ratio	Lower	Upper
225	100		
223	61.2	36.4	109.2
227	62.3	36.4	109.2





#95

Naphthalene

Concen: 52.320 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

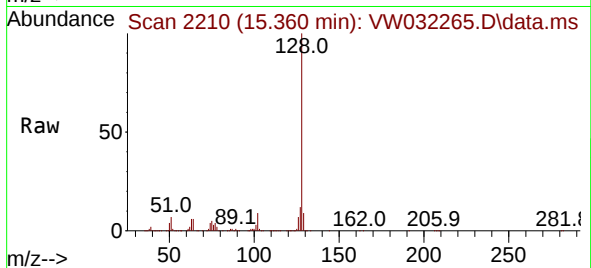
Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_W

ClientSampleId :



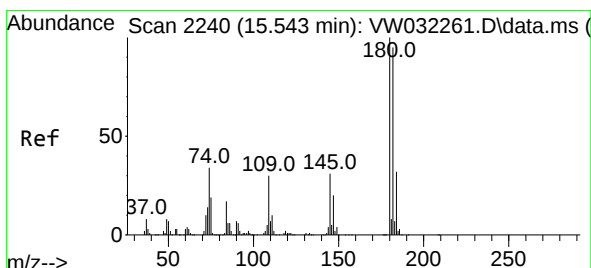
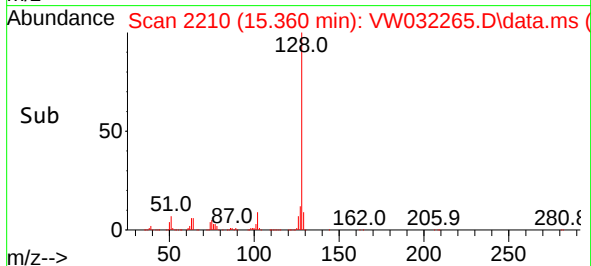
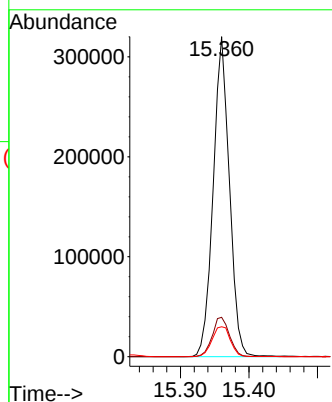
Tgt Ion:128 Resp: 524950

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.008 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032265.D

Acq: 25 Sep 2025 14:41

Tgt Ion:180 Resp: 198272

Ion Ratio Lower Upper

180 100

182 92.2 45.5 136.4

145 35.1 18.1 54.1

