

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031730.D
 Acq On : 30 Jun 2025 10:15
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 02:18:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	216272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	387016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	31661	10.201	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	20.400%#
35) Dibromofluoromethane	7.898	113	25109	9.942	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	19.880%#
50) Toluene-d8	10.325	98	96344	10.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	20.500%#
62) 4-Bromofluorobenzene	12.617	95	34948	10.105	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	20.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	16044	10.893	ug/l	94
3) Chloromethane	2.253	50	17744	9.993	ug/l	99
4) Vinyl Chloride	2.405	62	23112	9.902	ug/l	95
5) Bromomethane	2.820	94	18643	10.226	ug/l	94
6) Chloroethane	2.966	64	16074	10.139	ug/l	91
7) Trichlorofluoromethane	3.308	101	21990	10.374	ug/l	94
8) Diethyl Ether	3.722	74	17881	11.102	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	24340	10.346	ug/l	99
10) Methyl Iodide	4.313	142	36597	10.090	ug/l	99
11) Tert butyl alcohol	5.216	59	4770	24.807	ug/l #	79
12) 1,1-Dichloroethene	4.076	96	27046	10.495	ug/l	95
13) Acrolein	3.929	56	18553	53.683	ug/l	100
14) Allyl chloride	4.704	41	39145	9.900	ug/l	100
15) Acrylonitrile	5.405	53	40289	50.867	ug/l	99
16) Acetone	4.161	43	41372	53.597	ug/l	97
17) Carbon Disulfide	4.417	76	68668	9.958	ug/l	98
18) Methyl Acetate	4.710	43	22628	10.321	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	44040	10.069	ug/l	95
20) Methylene Chloride	4.960	84	42368	10.166	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	26955	9.844	ug/l	87
22) Diisopropyl ether	6.344	45	77462	10.045	ug/l	95
23) Vinyl Acetate	6.283	43	254825	48.380	ug/l	98
24) 1,1-Dichloroethane	6.240	63	50299	10.061	ug/l	99
25) 2-Butanone	7.197	43	48340	48.435	ug/l	97
26) 2,2-Dichloropropane	7.185	77	29549	10.130	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	30687	9.749	ug/l	99
28) Bromochloromethane	7.532	49	21655	9.815	ug/l	98
29) Tetrahydrofuran	7.557	42	34596	50.617	ug/l	98
30) Chloroform	7.691	83	53600	10.090	ug/l	99
31) Cyclohexane	7.971	56	46081	10.427	ug/l #	89
32) 1,1,1-Trichloroethane	7.886	97	42532	10.389	ug/l	98
36) 1,1-Dichloropropene	8.099	75	36621	10.021	ug/l	99
37) Ethyl Acetate	7.282	43	23126	10.032	ug/l	99
38) Carbon Tetrachloride	8.081	117	38531	10.347	ug/l	99
39) Methylcyclohexane	9.343	83	44170	9.715	ug/l	97
40) Benzene	8.337	78	107869	9.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	11713	9.485	ug/l	87
42) 1,2-Dichloroethane	8.416	62	37957	10.390	ug/l	99
43) Isopropyl Acetate	8.441	43	39393	9.913	ug/l	99
44) Trichloroethene	9.099	130	26788	9.927	ug/l	98
45) 1,2-Dichloropropane	9.380	63	26605	10.181	ug/l	97
46) Dibromomethane	9.471	93	16818	9.969	ug/l	96
47) Bromodichloromethane	9.654	83	39595	10.009	ug/l	98
48) Methyl methacrylate	9.447	41	20612	10.549	ug/l	96
49) 1,4-Dioxane	9.465	88	3269	182.013	ug/l #	67
51) 4-Methyl-2-Pentanone	10.215	43	116628	51.050	ug/l	99
52) Toluene	10.392	92	69506	10.041	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	35578	9.585	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	40343	9.588	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	21816	9.872	ug/l #	88
56) Ethyl methacrylate	10.648	69	28317	9.445	ug/l	99
57) 1,3-Dichloropropane	10.934	76	40528	10.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	76896	46.578	ug/l	98
59) 2-Hexanone	10.971	43	77810	50.260	ug/l	97
60) Dibromochloromethane	11.129	129	25734	9.738	ug/l	96
61) 1,2-Dibromoethane	11.233	107	22082	9.981	ug/l	100
64) Tetrachloroethene	10.861	164	22144	9.801	ug/l	90
65) Chlorobenzene	11.654	112	77068	10.113	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	24224	9.975	ug/l	98
67) Ethyl Benzene	11.733	91	131184	9.927	ug/l	98
68) m/p-Xylenes	11.836	106	100863	19.856	ug/l	98
69) o-Xylene	12.166	106	45204	9.611	ug/l	97
70) Styrene	12.184	104	79722	9.805	ug/l	98
71) Bromoform	12.355	173	13967	9.641	ug/l #	99
73) Isopropylbenzene	12.464	105	120857	9.331	ug/l	100
74) N-amyl acetate	12.275	43	33049	9.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	28567	9.935	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	36471	16.575	ug/l	40
77) Bromobenzene	12.745	156	27969	9.682	ug/l	91
78) n-propylbenzene	12.800	91	150962	9.734	ug/l	98
79) 2-Chlorotoluene	12.885	91	90162	9.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	101724	9.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	9266	9.808	ug/l	92
82) 4-Chlorotoluene	12.989	91	95411	9.731	ug/l	99
83) tert-Butylbenzene	13.202	119	87194	9.495	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	104832	9.651	ug/l	100
85) sec-Butylbenzene	13.379	105	132016	9.578	ug/l	99
86) p-Isopropyltoluene	13.495	119	107805	9.490	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	58049	10.021	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	59597	10.051	ug/l	94
89) n-Butylbenzene	13.818	91	105923	9.597	ug/l	99
90) Hexachloroethane	14.086	117	19306	9.420	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	51680	9.761	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5409	9.634	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	30599	9.371	ug/l	98
94) Hexachlorobutadiene	15.226	225	15982	10.136	ug/l	91
95) Naphthalene	15.360	128	71758	8.964	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	29473	9.823	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

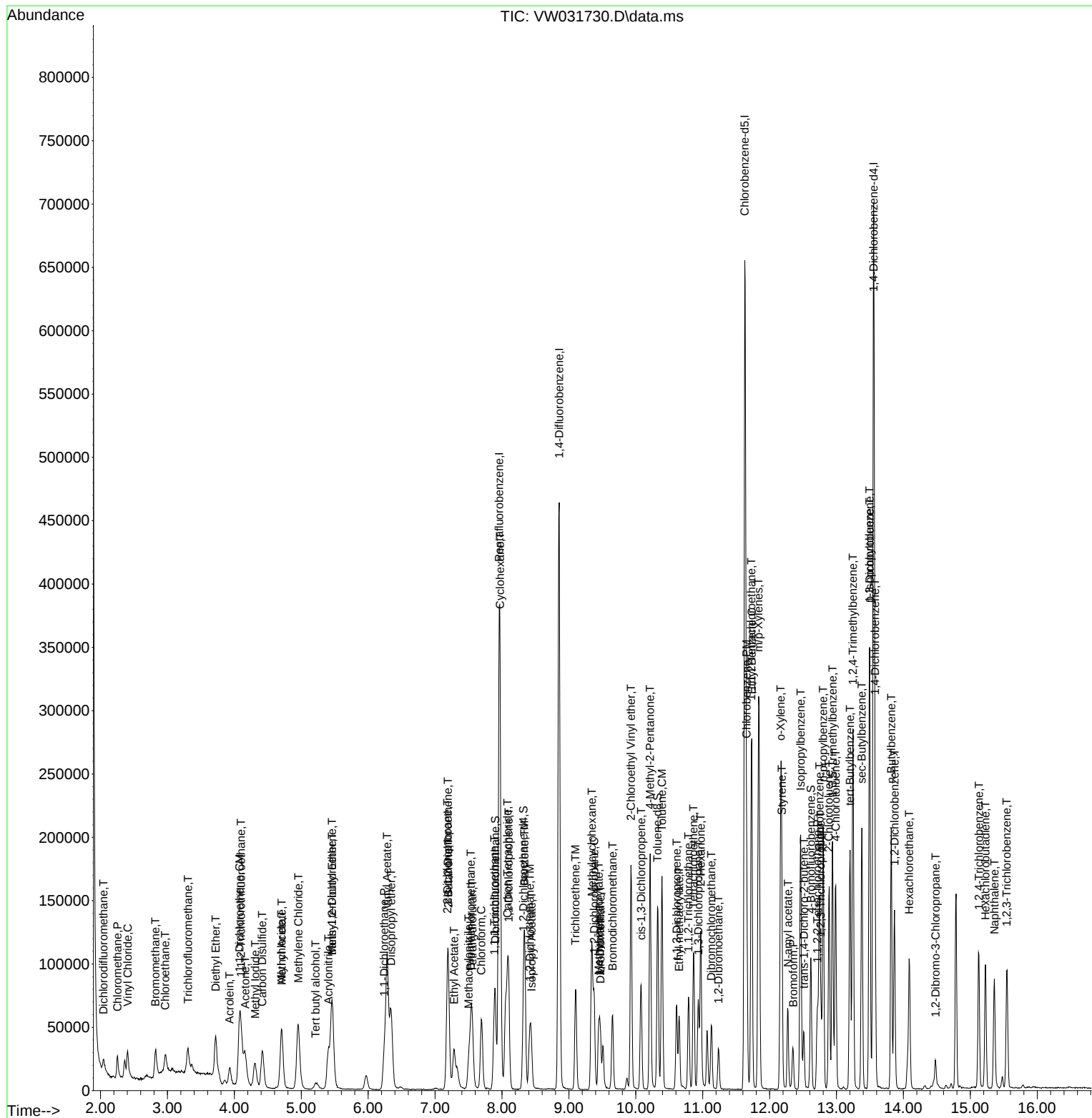
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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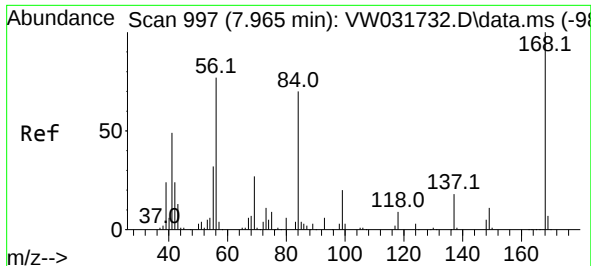
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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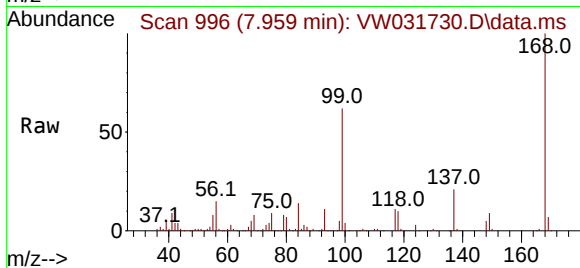
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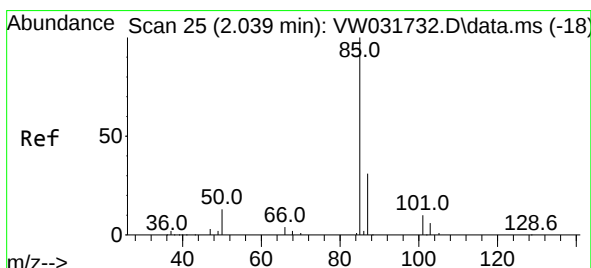
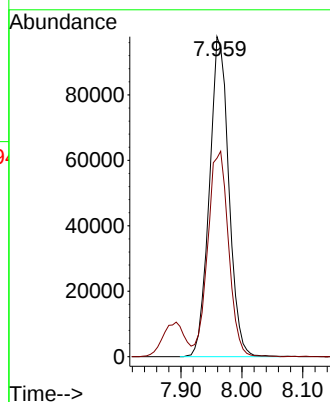
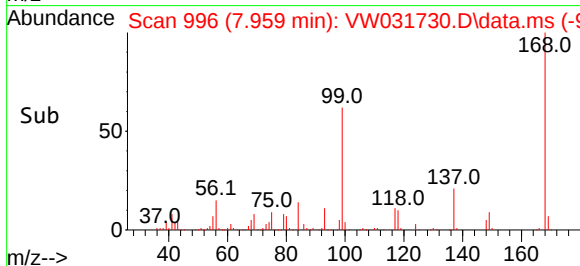


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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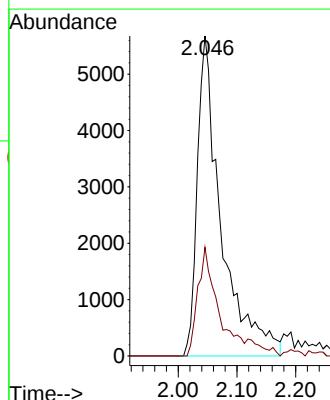
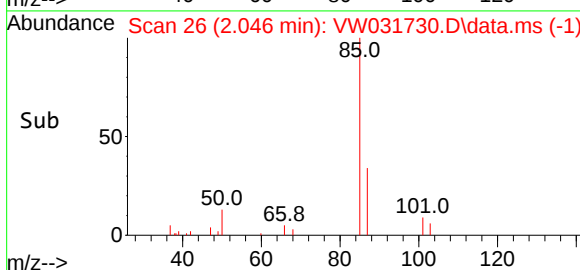
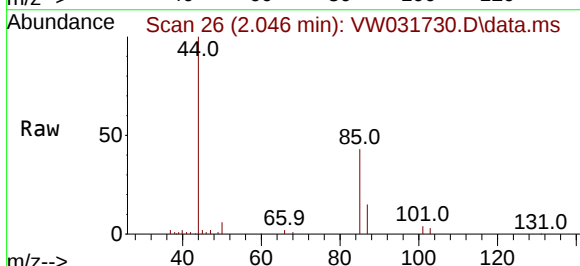


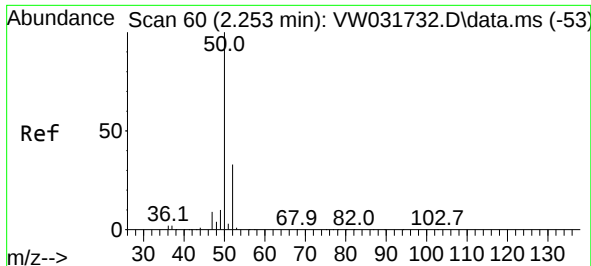
Tgt Ion:168 Resp: 216272
Ion Ratio Lower Upper
168 100
99 62.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 10.893 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 85 Resp: 16044
Ion Ratio Lower Upper
85 100
87 33.9 15.4 46.2

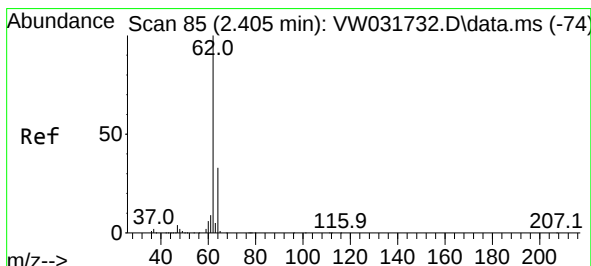
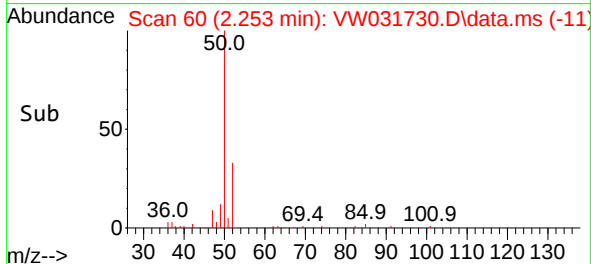
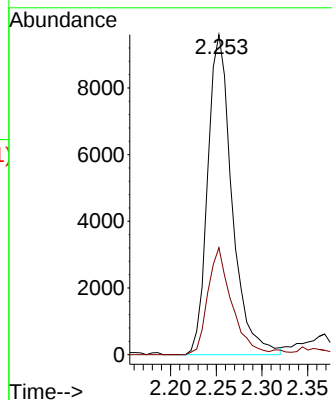
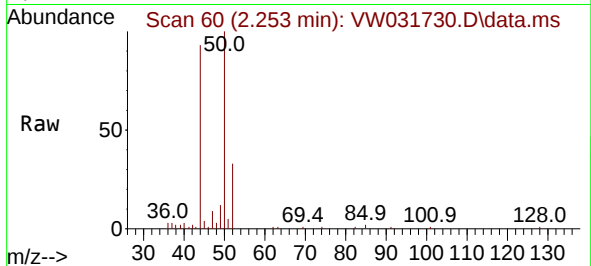




#3
Chloromethane
Concen: 9.993 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

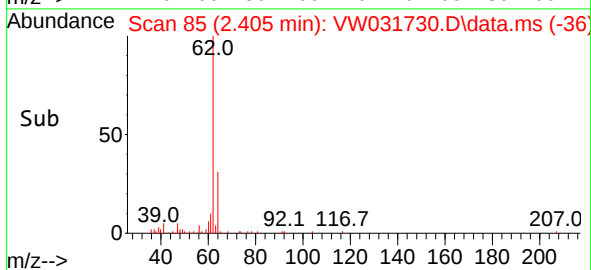
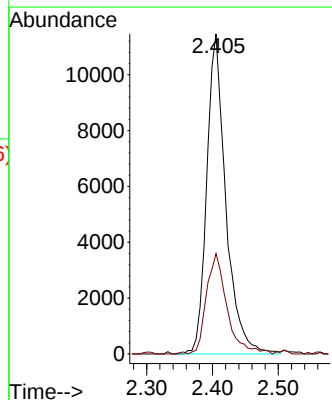
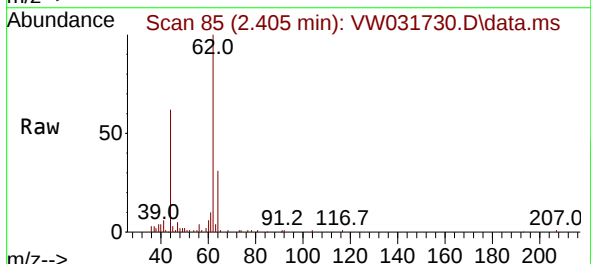
Instrument :
MSVOA_W
ClientSampleId :

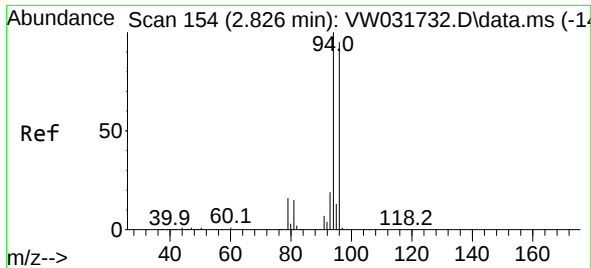
Tgt Ion: 50 Resp: 17744
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 9.902 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 62 Resp: 23112
Ion Ratio Lower Upper
62 100
64 30.9 26.8 40.2

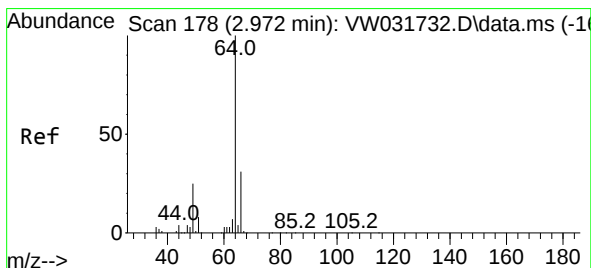
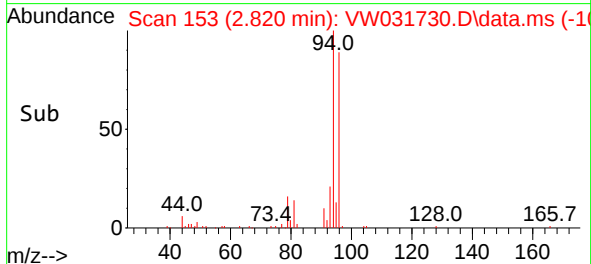
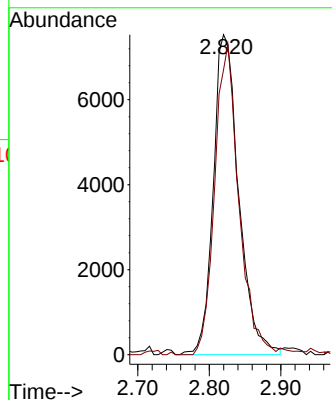
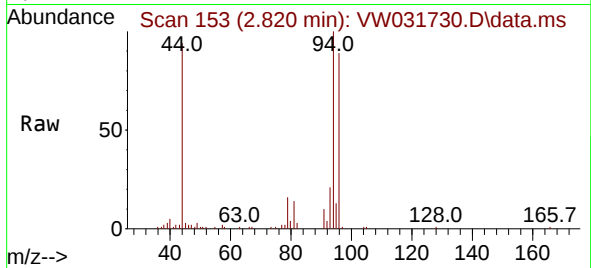




#5
Bromomethane
Concen: 10.226 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031730.D
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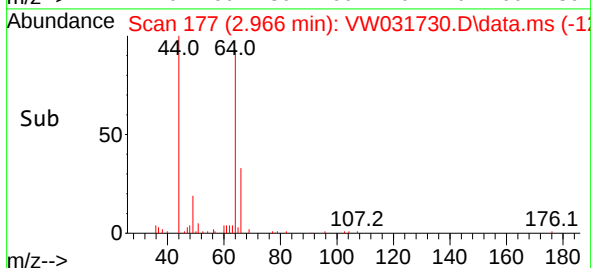
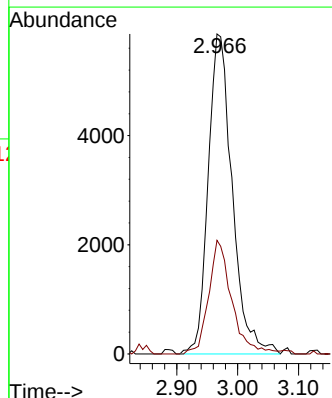
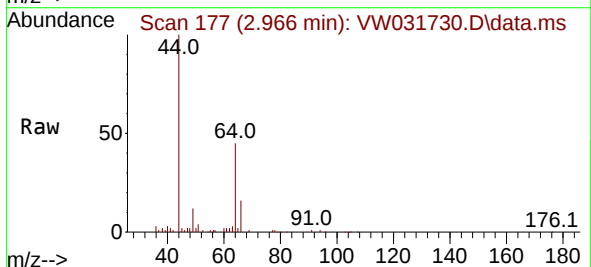
Instrument :
MSVOA_W
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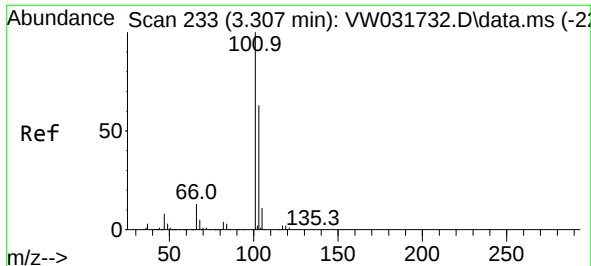
Tgt Ion: 94 Resp: 18643
Ion Ratio Lower Upper
94 100
96 89.0 75.6 113.4



#6
Chloroethane
Concen: 10.139 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 64 Resp: 16074
Ion Ratio Lower Upper
64 100
66 35.5 24.5 36.7

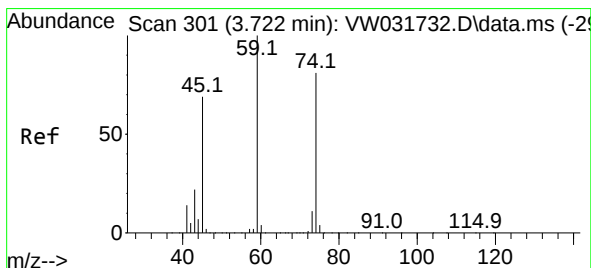
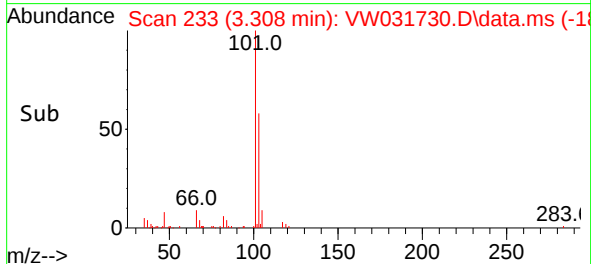
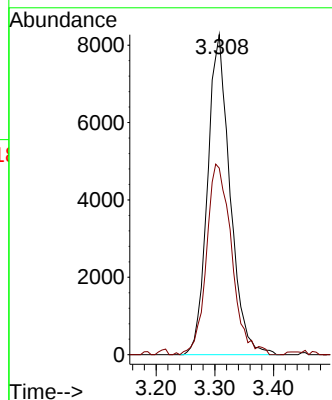
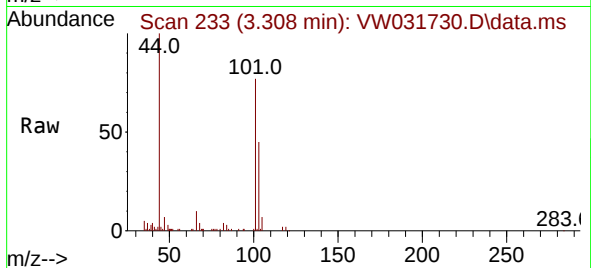




#7
 Trichlorofluoromethane
 Concen: 10.374 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

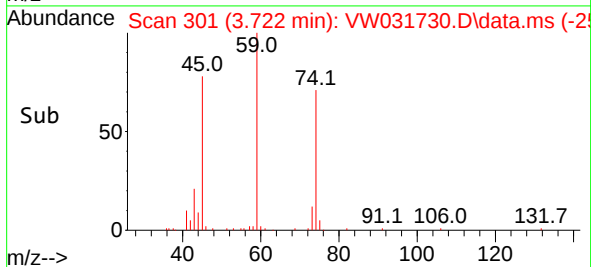
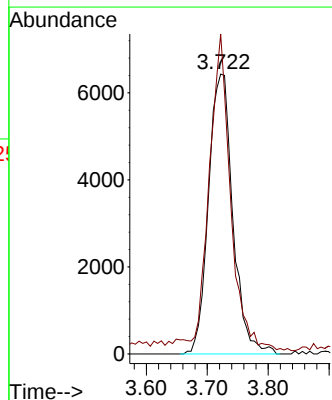
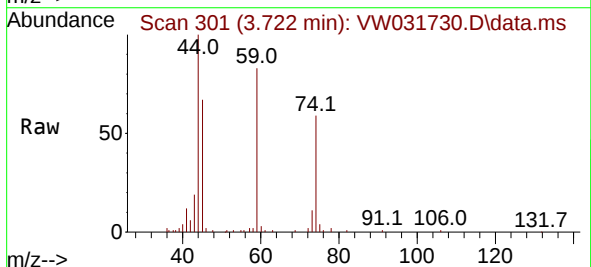
Instrument :
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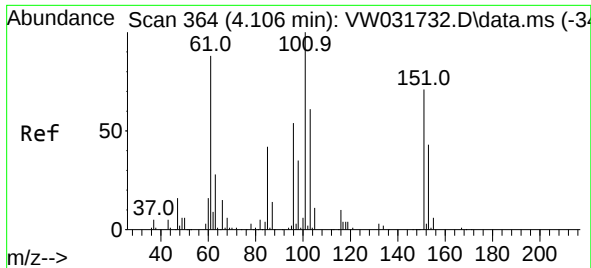
Tgt Ion:101 Resp: 21990
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.2 75.4



#8
 Diethyl Ether
 Concen: 11.102 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 17881
 Ion Ratio Lower Upper
 74 100
 45 98.5 43.9 131.7

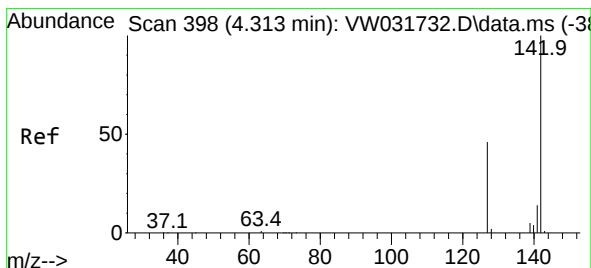
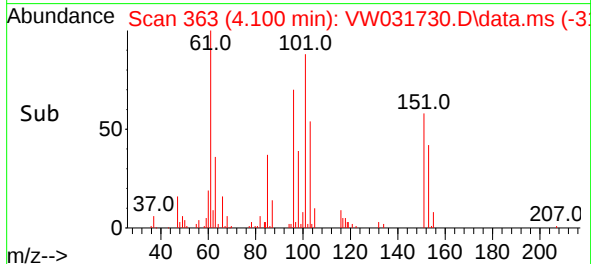
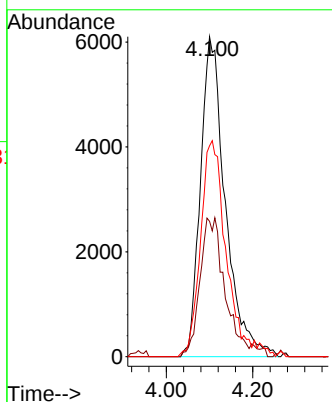
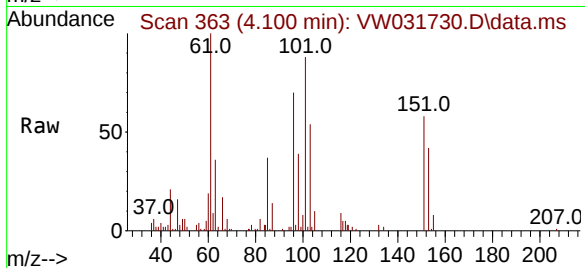




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.346 ug/l
 RT: 4.100 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

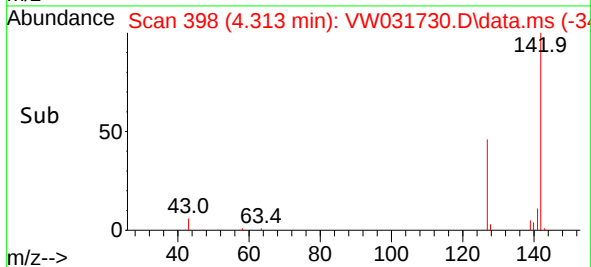
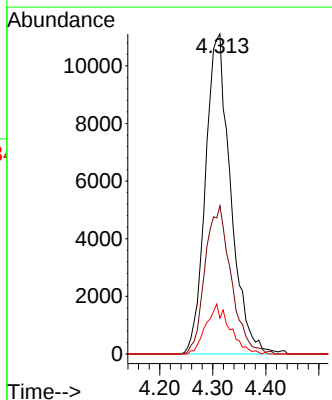
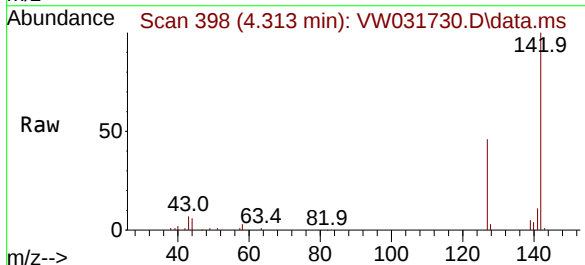
Instrument :
 MSVOA_W
 ClientSampleId :

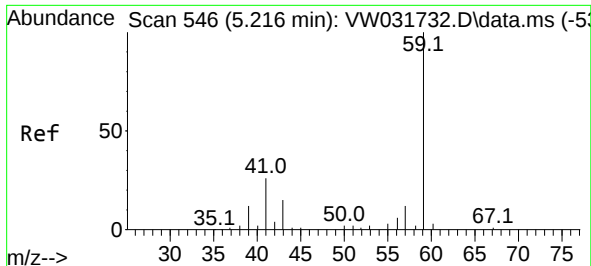
Tgt Ion:	101	Resp:	24340
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.6	53.4
151	70.1	56.8	85.2



#10
 Methyl Iodide
 Concen: 10.090 ug/l
 RT: 4.313 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Tgt Ion:	142	Resp:	36597
Ion	Ratio	Lower	Upper
142	100		
127	47.8	37.9	56.9
141	14.9	11.7	17.5

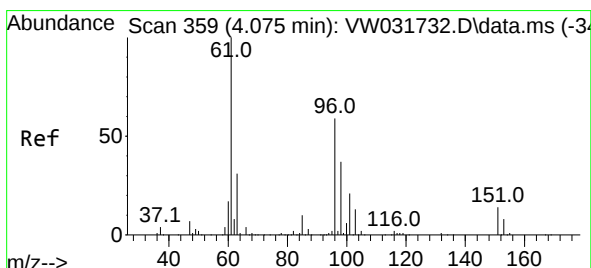
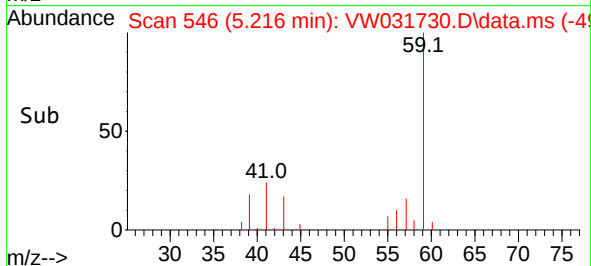
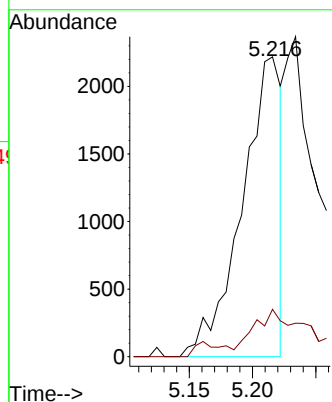
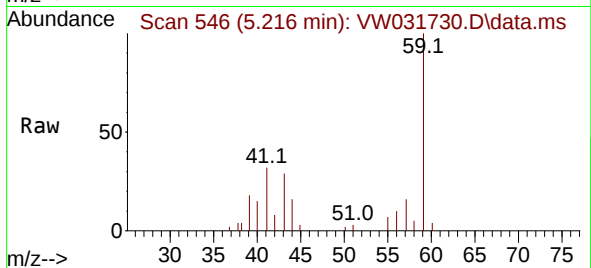




#11
Tert butyl alcohol
Concen: 24.807 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

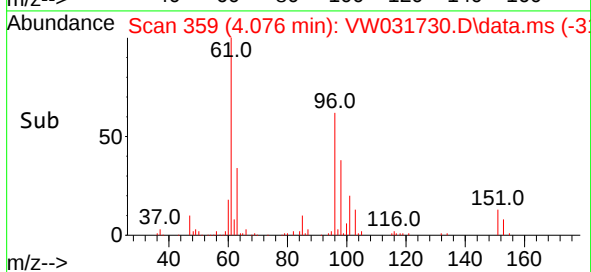
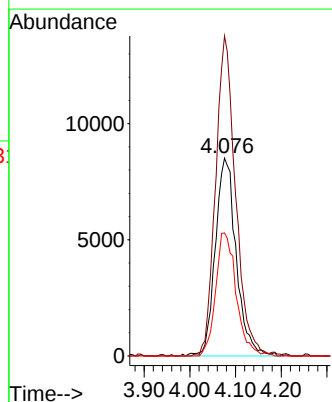
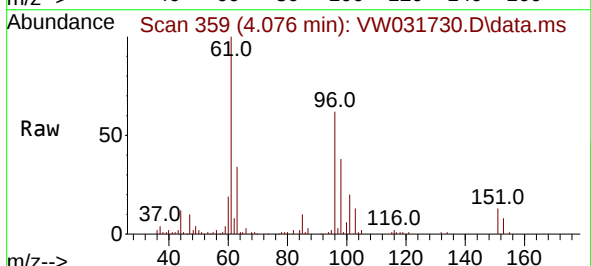
Instrument :
MSVOA_W
ClientSampleId :

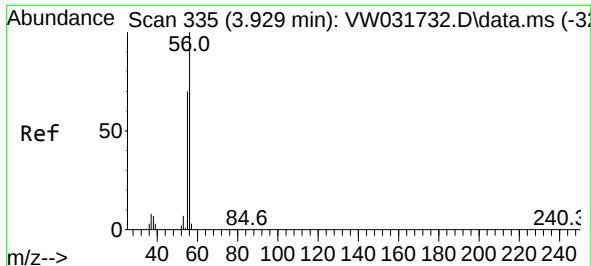
Tgt Ion: 59 Resp: 4770
Ion Ratio Lower Upper
59 100
57 20.1 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 10.495 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 96 Resp: 27046
Ion Ratio Lower Upper
96 100
61 161.9 135.8 203.8
98 62.2 50.4 75.6

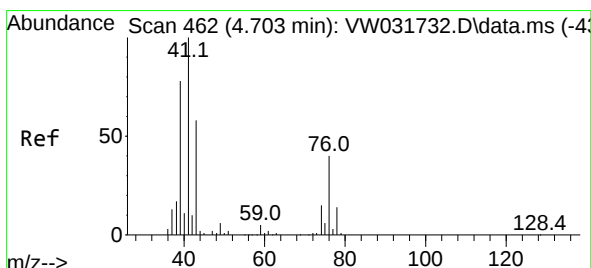
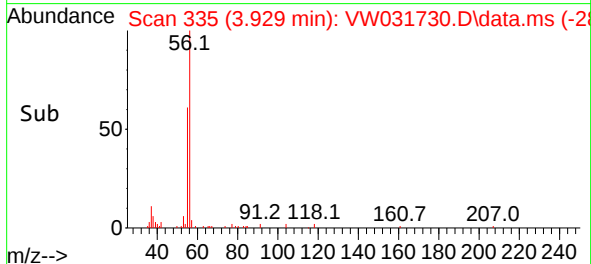
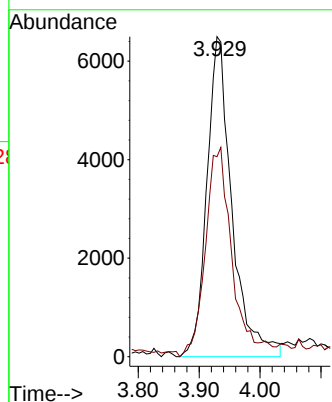
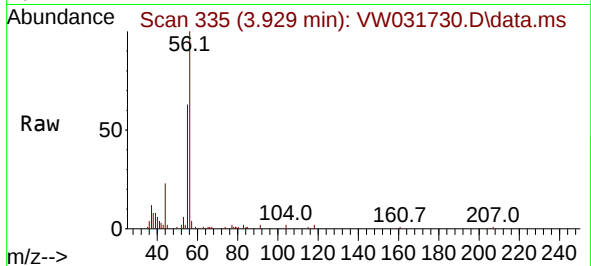




#13
Acrolein
Concen: 53.683 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

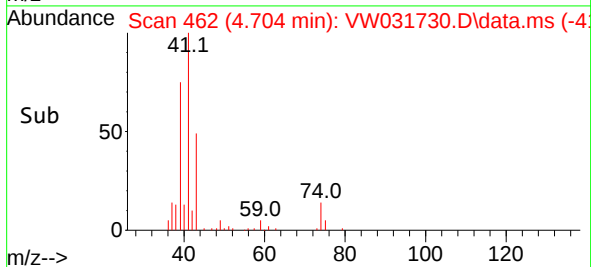
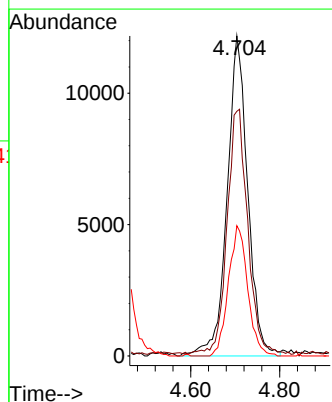
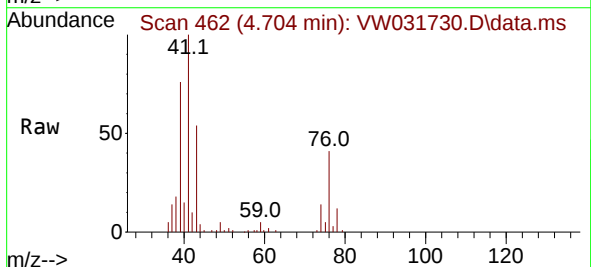
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 18553
Ion Ratio Lower Upper
56 100
55 67.4 54.0 81.0



#14
Allyl chloride
Concen: 9.900 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 41 Resp: 39145
Ion Ratio Lower Upper
41 100
39 76.3 60.7 91.1
76 38.1 30.3 45.5

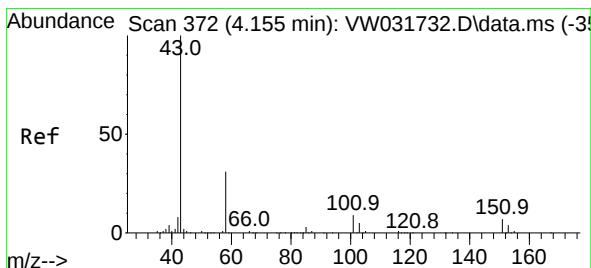
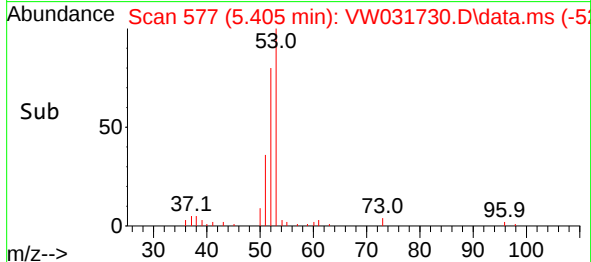
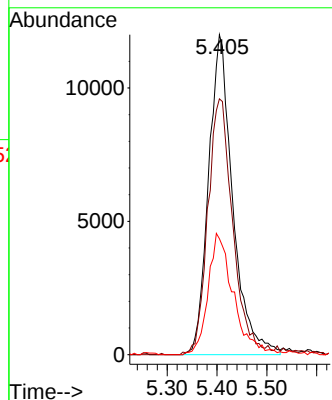
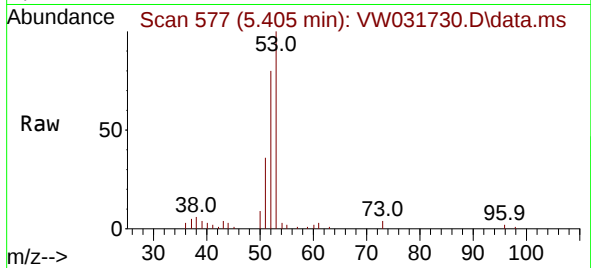




#15
Acrylonitrile
Concen: 50.867 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

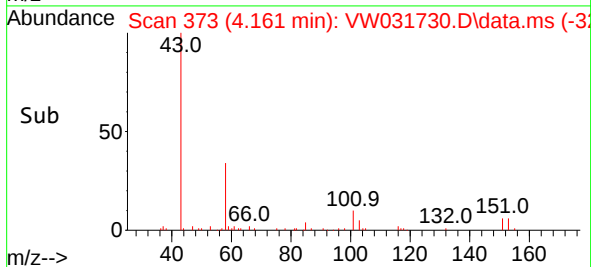
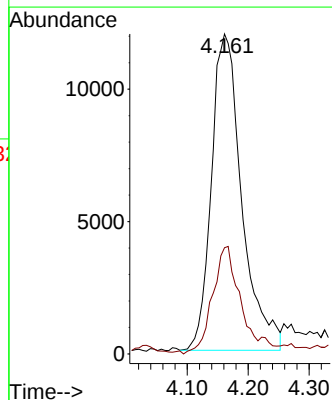
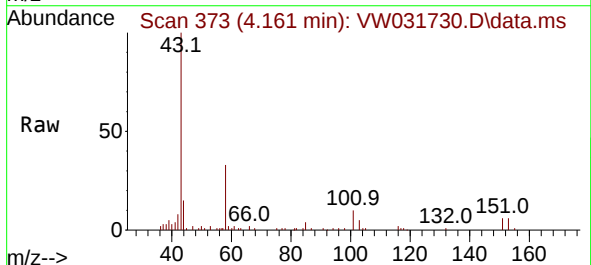
Instrument :
MSVOA_W
ClientSampleId :

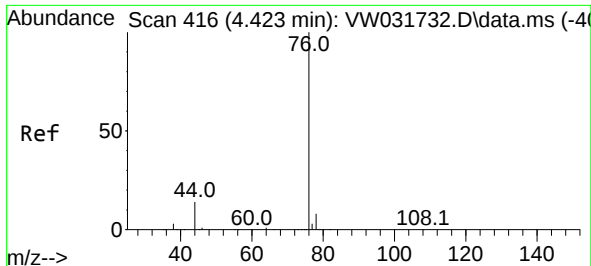
Tgt Ion: 53 Resp: 40289
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 40.0 29.9 44.9



#16
Acetone
Concen: 53.597 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 43 Resp: 41372
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

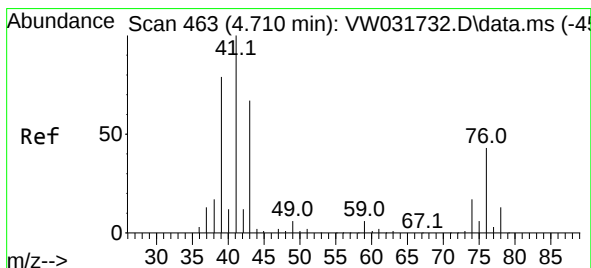
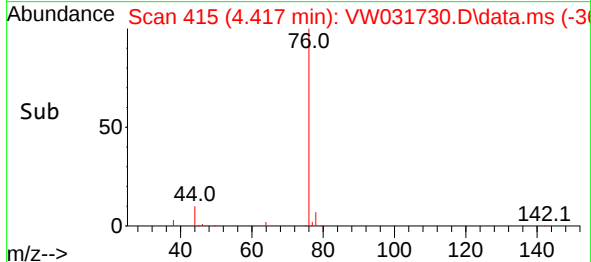
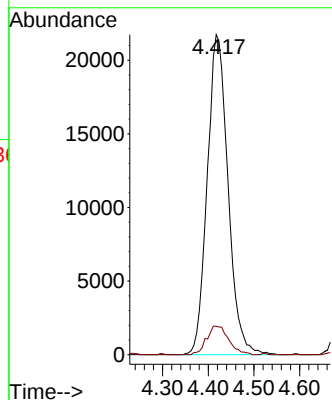
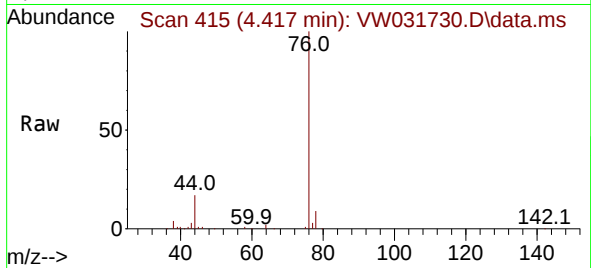




#17
Carbon Disulfide
Concen: 9.958 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

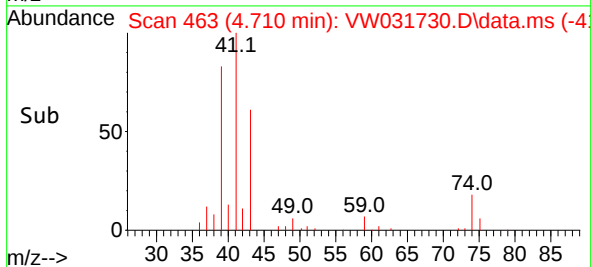
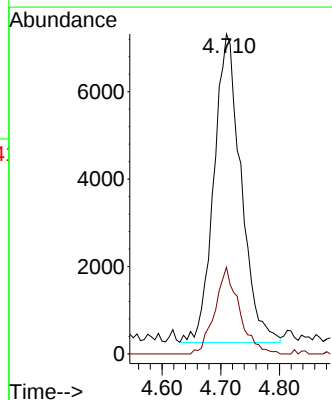
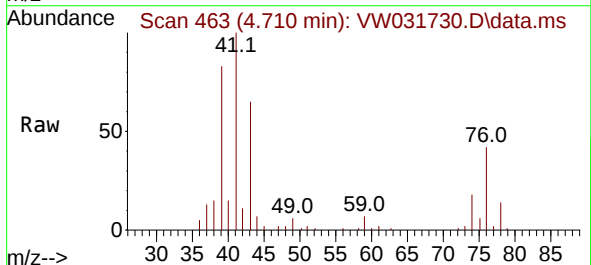
Instrument :
MSVOA_W
ClientSampleId :

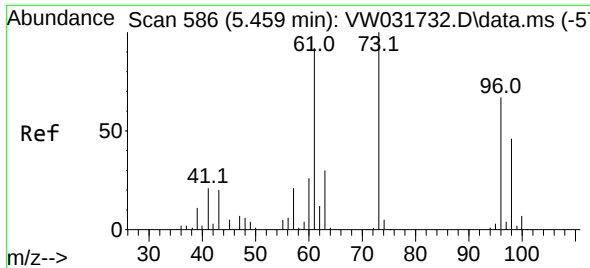
Tgt Ion: 76 Resp: 68668
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 10.321 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 43 Resp: 22628
Ion Ratio Lower Upper
43 100
74 25.4 20.6 30.8

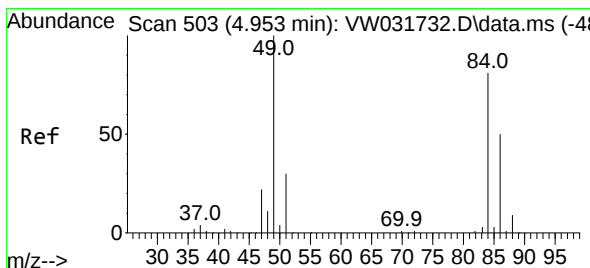
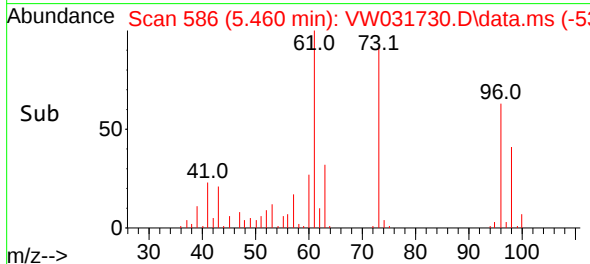
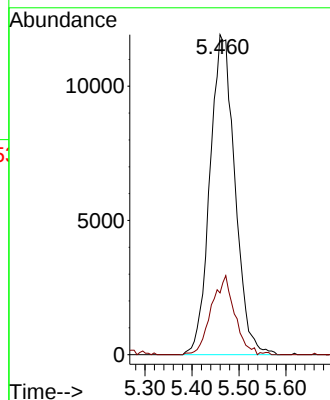
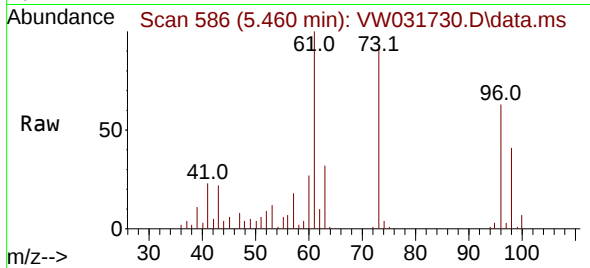




#19
Methyl tert-butyl Ether
Concen: 10.069 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

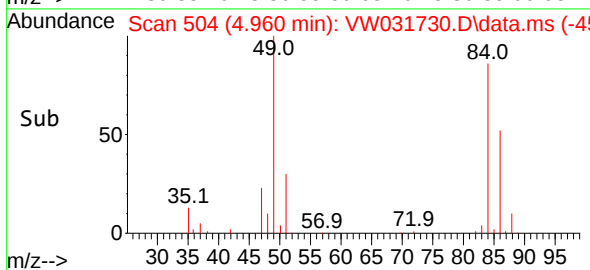
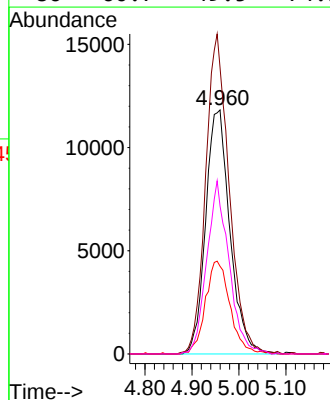
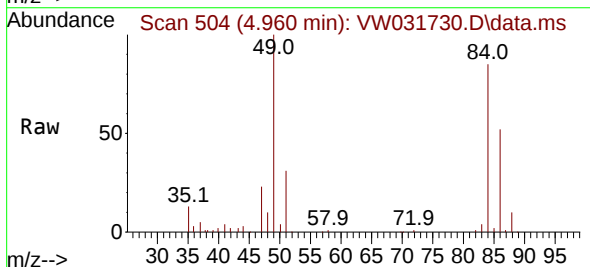
Instrument :
MSVOA_W
ClientSampleId :

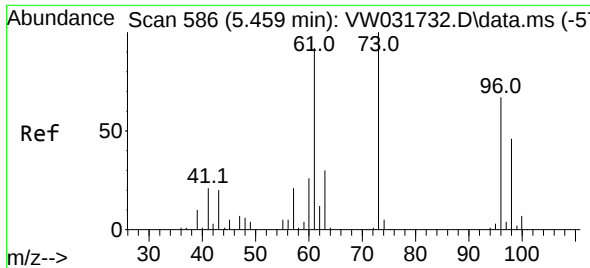
Tgt Ion: 73 Resp: 44040
Ion Ratio Lower Upper
73 100
57 19.3 17.2 25.8



#20
Methylene Chloride
Concen: 10.166 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 84 Resp: 42368
Ion Ratio Lower Upper
84 100
49 117.0 98.2 147.4
51 35.9 29.8 44.8
86 60.7 49.5 74.3

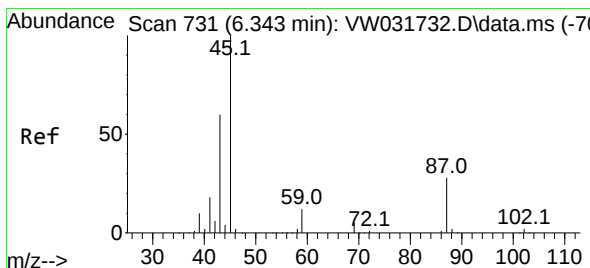
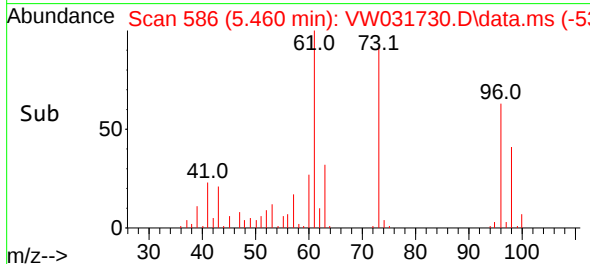
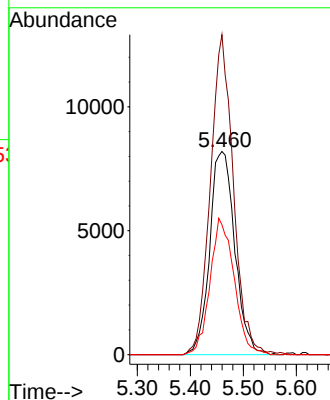
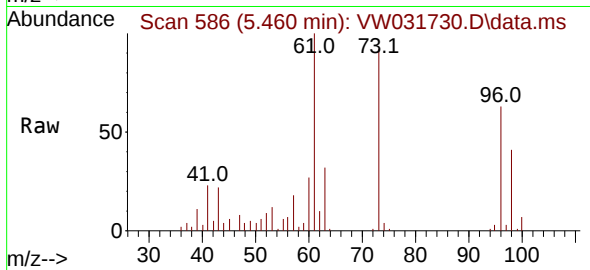




#21
trans-1,2-Dichloroethene
Concen: 9.844 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

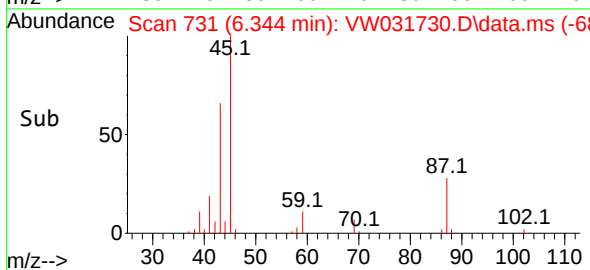
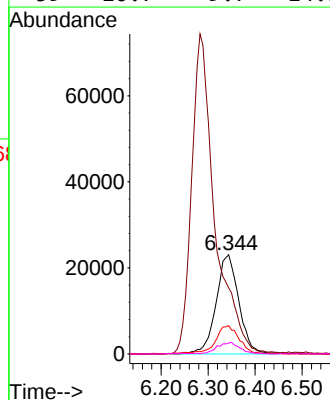
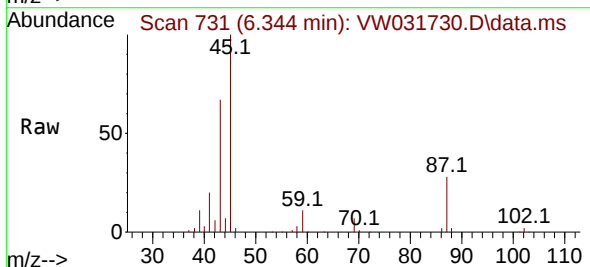
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 26955
Ion Ratio Lower Upper
96 100
61 157.5 109.8 164.6
98 64.0 54.9 82.3



#22
Diisopropyl ether
Concen: 10.045 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

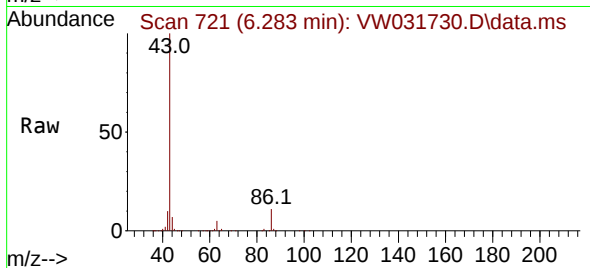
Tgt Ion: 45 Resp: 77462
Ion Ratio Lower Upper
45 100
43 65.5 48.3 72.5
87 28.0 22.6 34.0
59 10.7 9.7 14.5



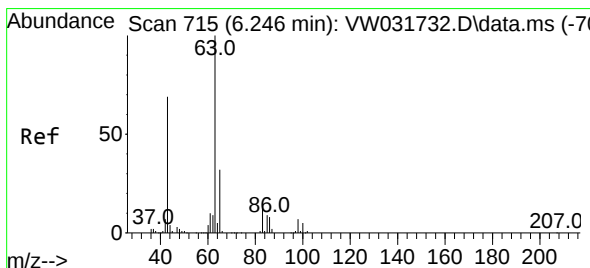
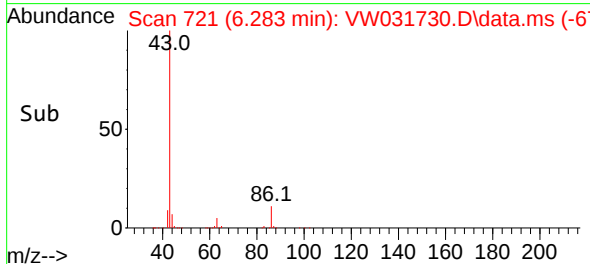
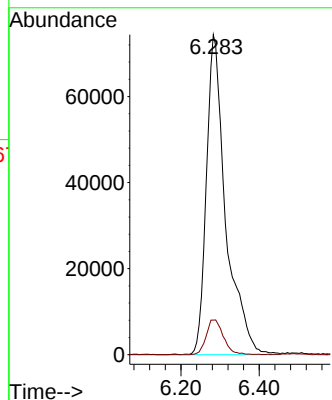


#23
 Vinyl Acetate
 Concen: 48.380 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Instrument :
 MSVOA_W
 ClientSampleId :

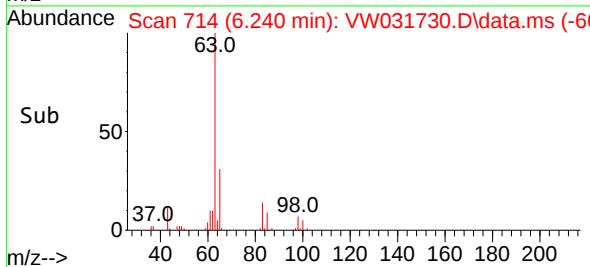
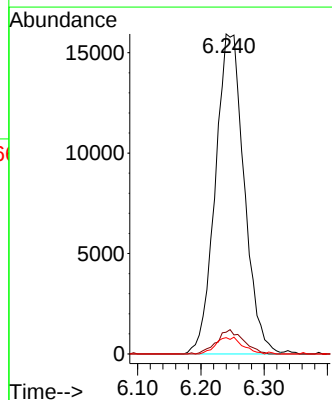
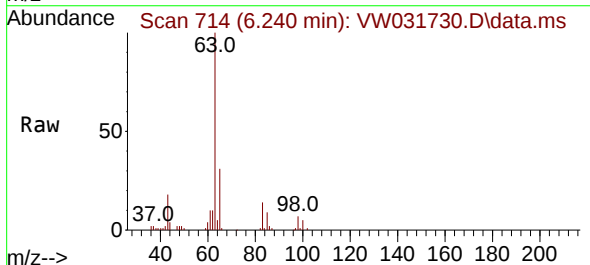


Tgt Ion: 43 Resp: 254825
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 10.061 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Tgt Ion: 63 Resp: 50299
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 5.1 2.5 7.5

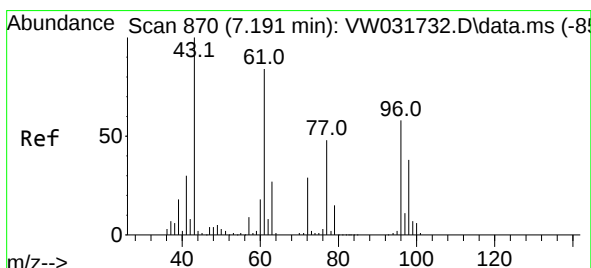
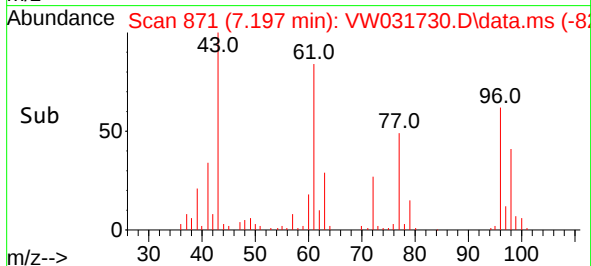
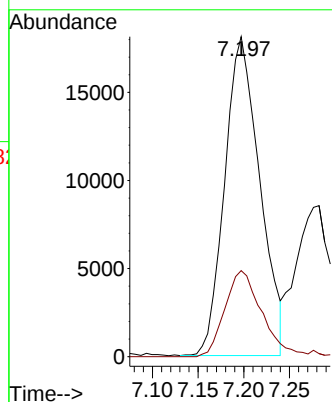
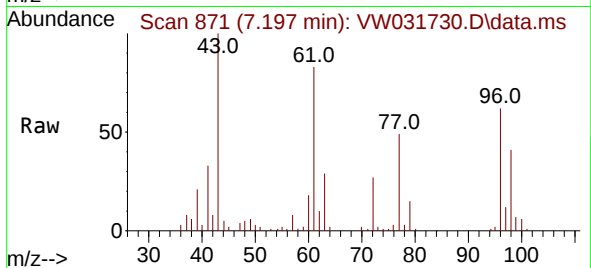




#25
2-Butanone
Concen: 48.435 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

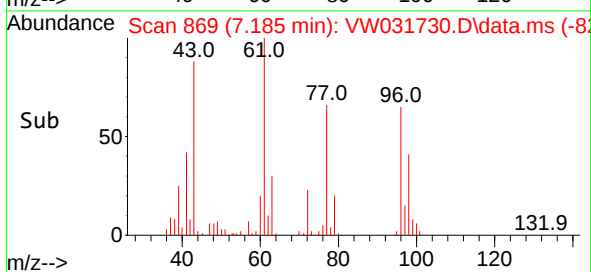
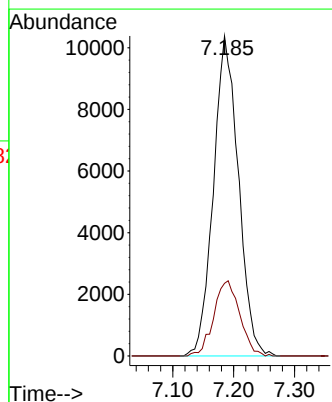
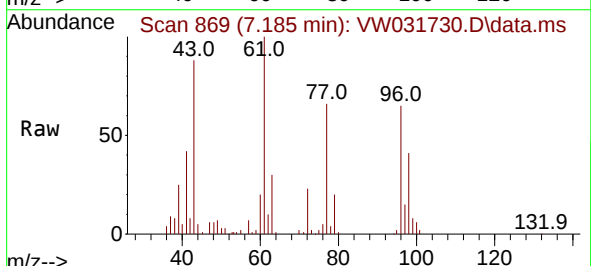
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 48340
Ion Ratio Lower Upper
43 100
72 27.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 10.130 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 77 Resp: 29549
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 9.749 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

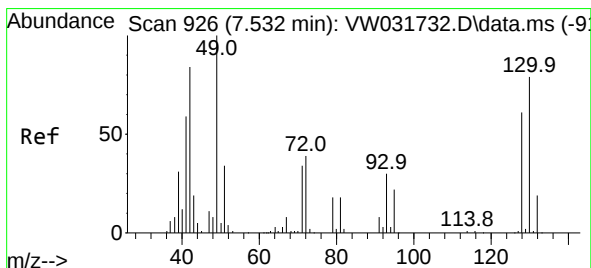
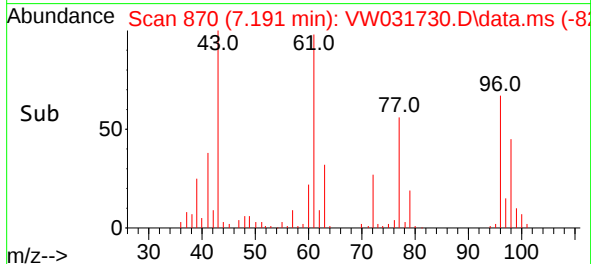
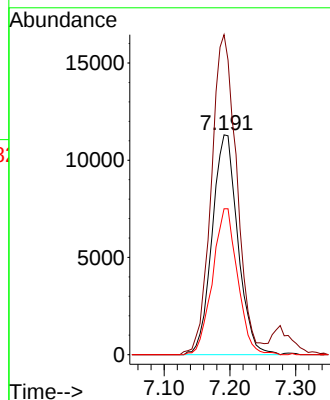
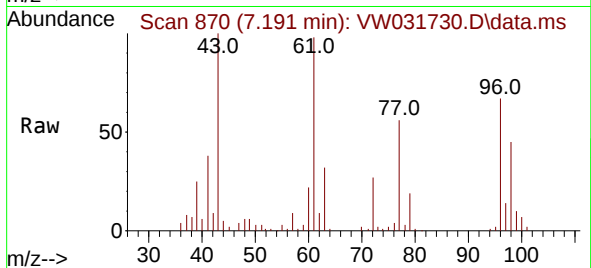
Tgt Ion: 96 Resp: 30687

Ion Ratio Lower Upper

96 100

61 144.6 0.0 286.8

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 9.815 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

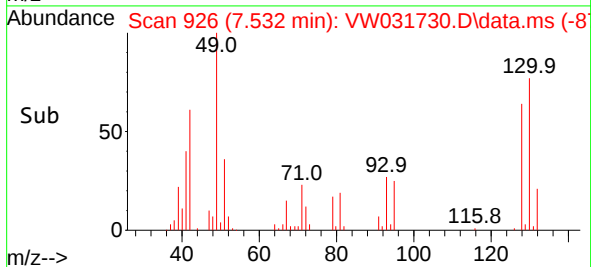
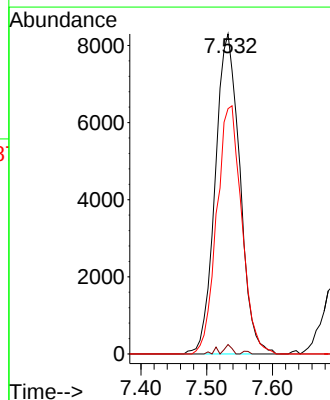
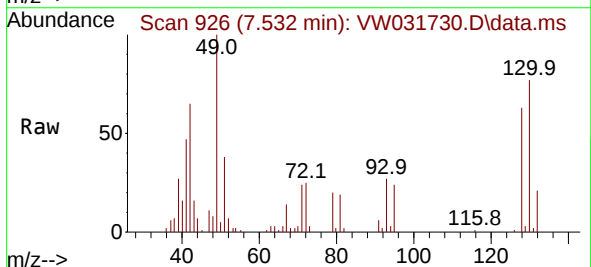
Tgt Ion: 49 Resp: 21655

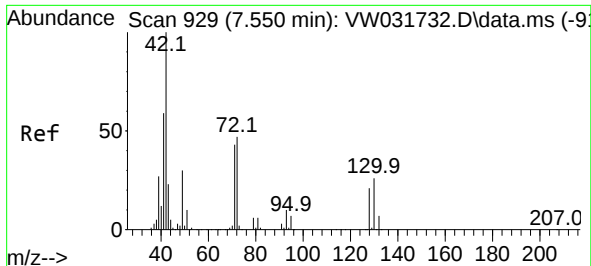
Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.4

130 78.5 61.3 91.9





#29

Tetrahydrofuran

Concen: 50.617 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

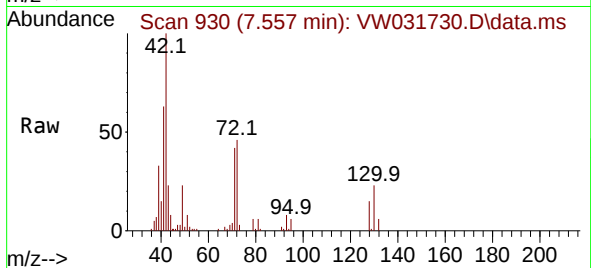
Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

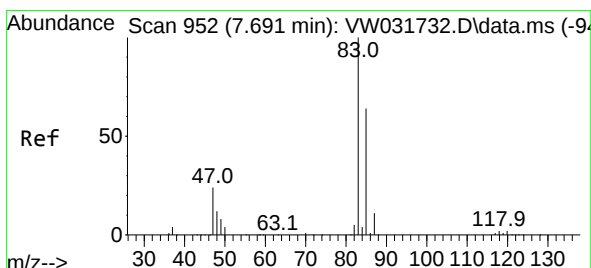
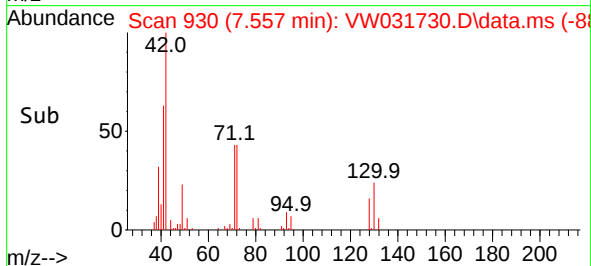
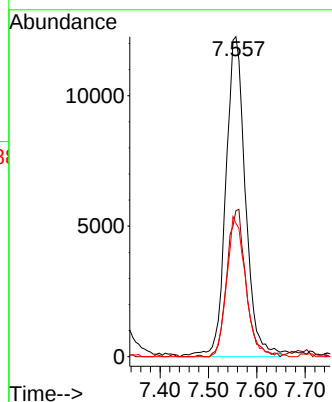
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	42	Resp:	34596
Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.8	55.2
71	42.1	34.6	52.0



#30

Chloroform

Concen: 10.090 ug/l

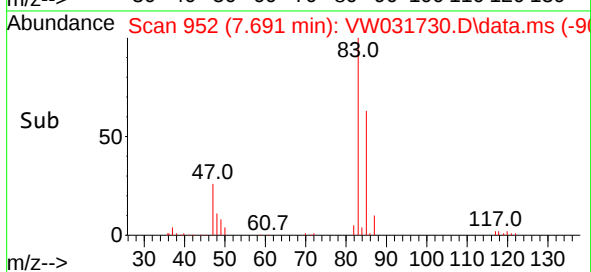
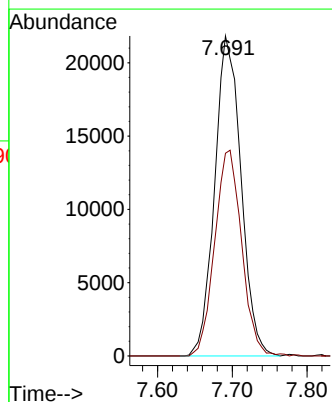
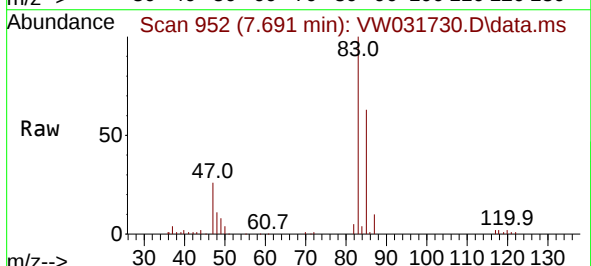
RT: 7.691 min Scan# 952

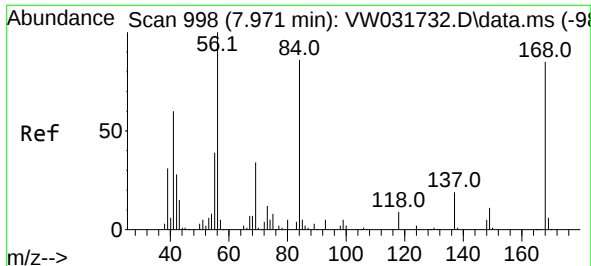
Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion:	83	Resp:	53600
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.0

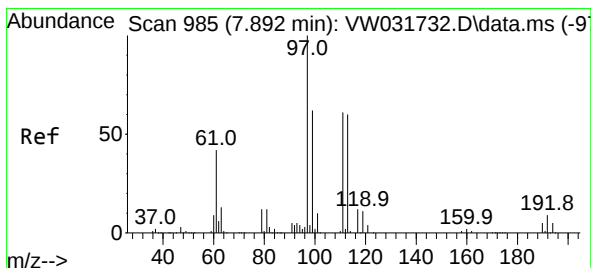
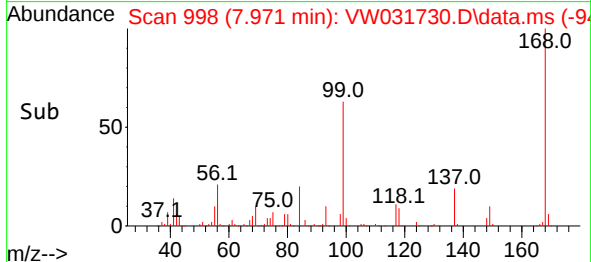
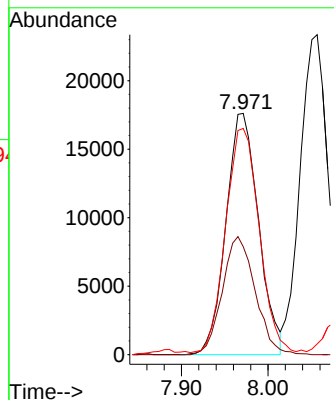
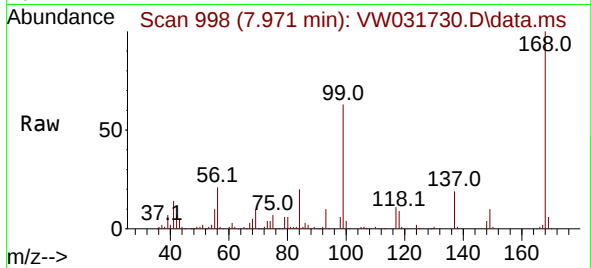




#31
Cyclohexane
Concen: 10.427 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

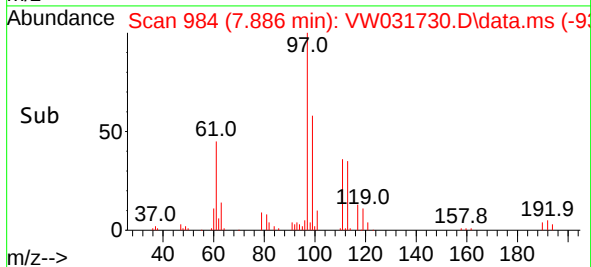
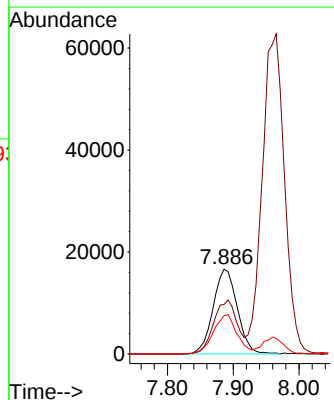
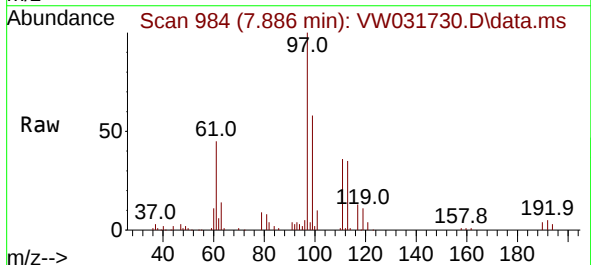
Instrument :
MSVOA_W
ClientSampleId :

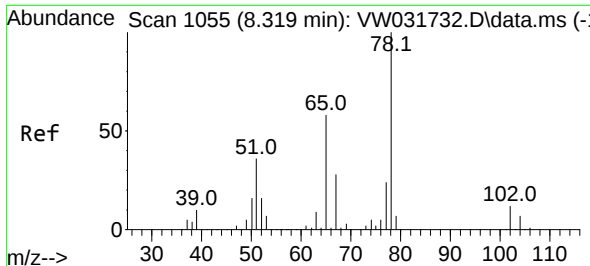
Tgt Ion: 56 Resp: 46081
Ion Ratio Lower Upper
56 100
69 44.8 27.2 40.8#
84 92.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 10.389 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 97 Resp: 42532
Ion Ratio Lower Upper
97 100
99 61.5 51.0 76.6
61 45.2 36.0 54.0

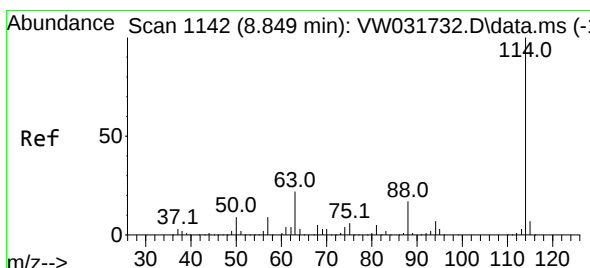
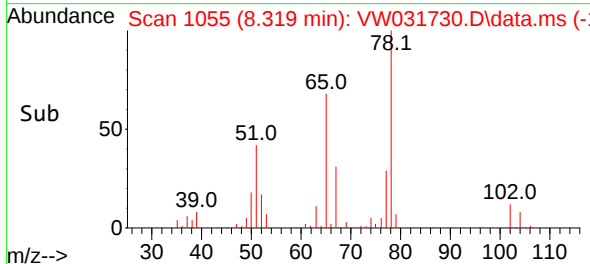
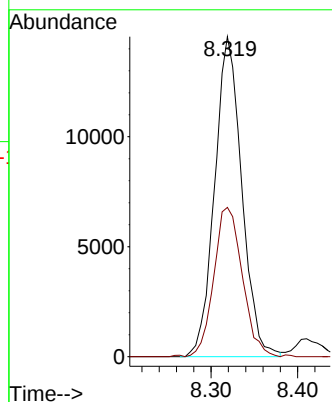
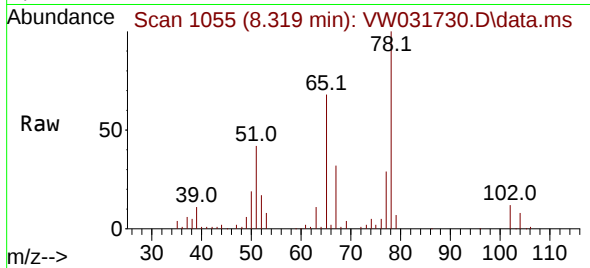




#33
1,2-Dichloroethane-d4
Concen: 10.201 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

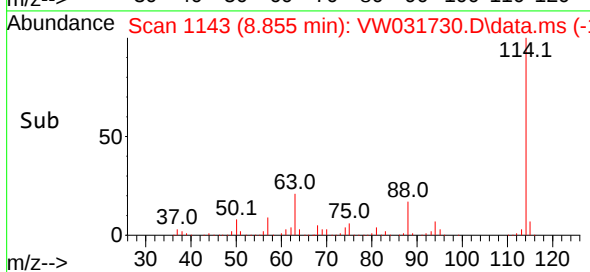
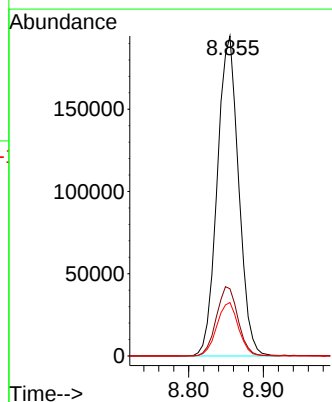
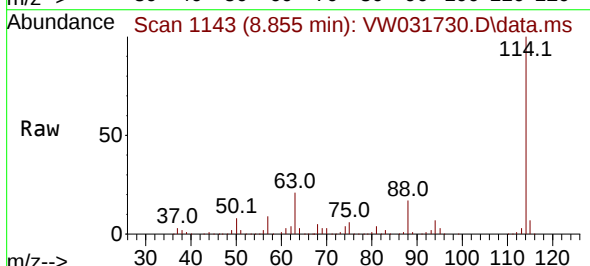
Instrument :
MSVOA_W
ClientSampleId :

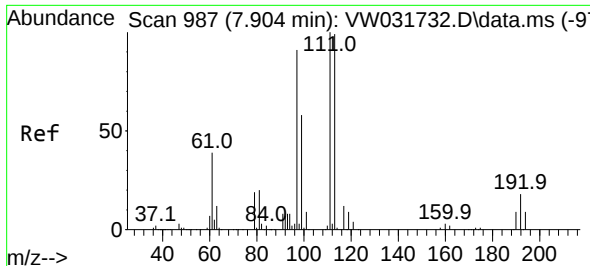
Tgt Ion: 65 Resp: 31661
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 114 Resp: 387016
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 16.7 0.0 34.2

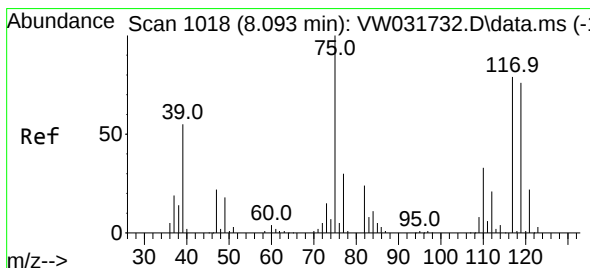
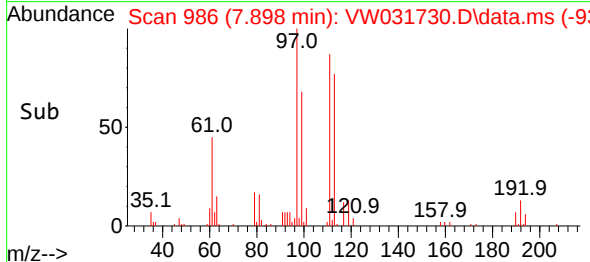
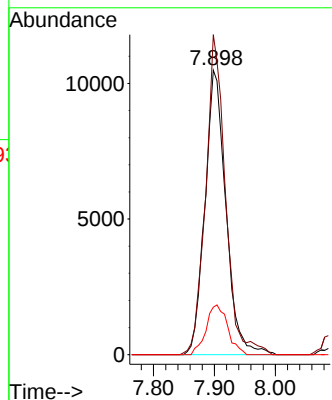
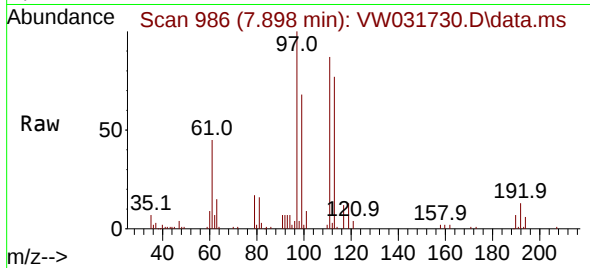




#35
 Dibromofluoromethane
 Concen: 9.942 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

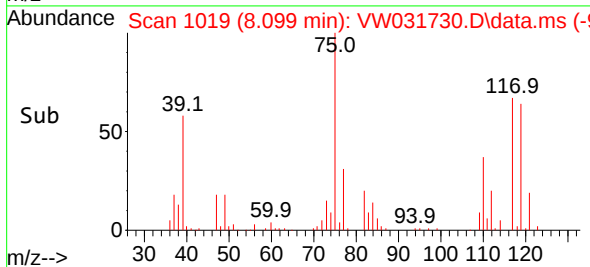
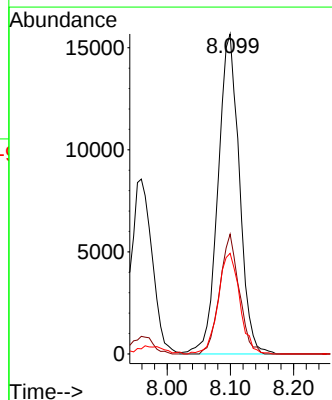
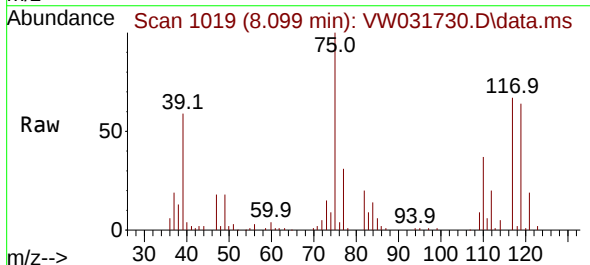
Instrument :
 MSVOA_W
 ClientSampleId :

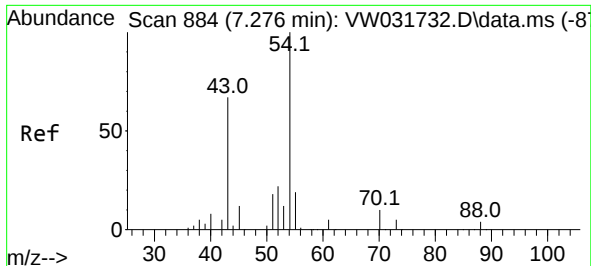
Tgt Ion:113 Resp: 25109
 Ion Ratio Lower Upper
 113 100
 111 106.6 82.1 123.1
 192 17.9 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 10.021 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Tgt Ion: 75 Resp: 36621
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.8 50.4
 77 31.9 25.0 37.6

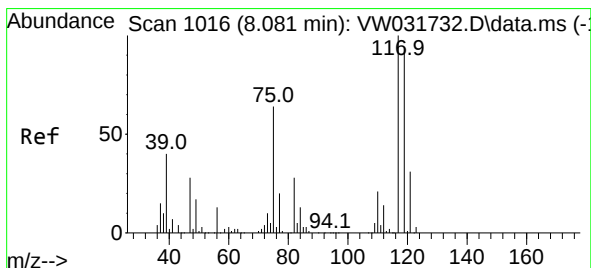
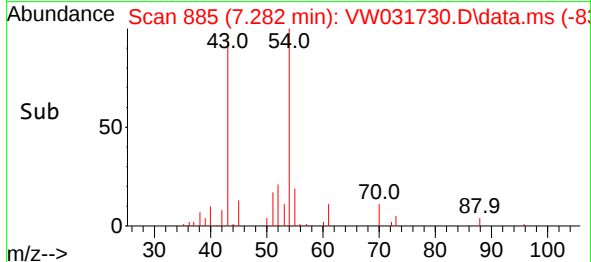
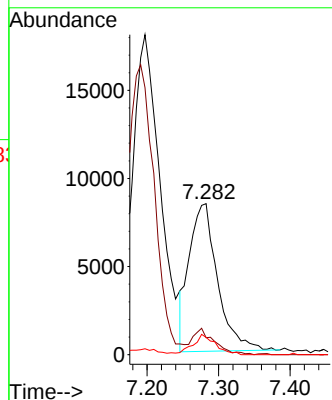
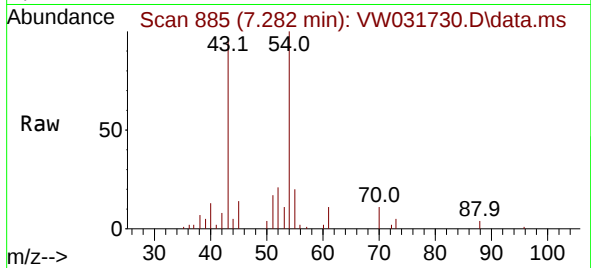




#37
Ethyl Acetate
Concen: 10.032 ug/l
RT: 7.282 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

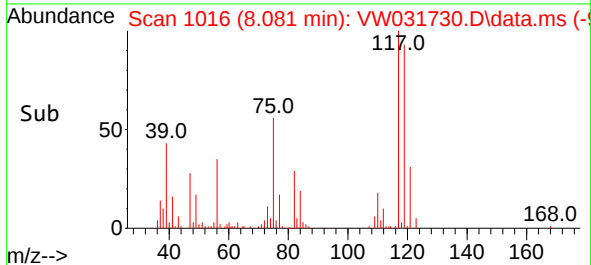
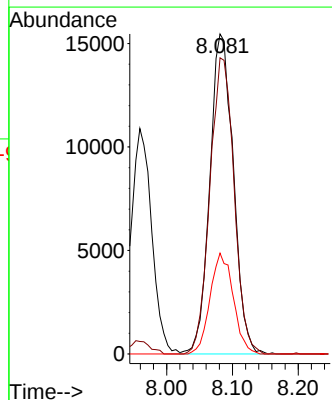
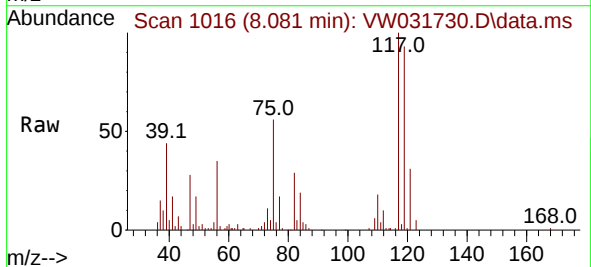
Instrument :
MSVOA_W
ClientSampleId :

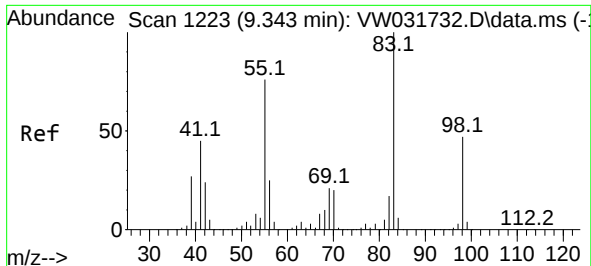
Tgt Ion: 43 Resp: 23126
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 10.347 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 117 Resp: 38531
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 9.715 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

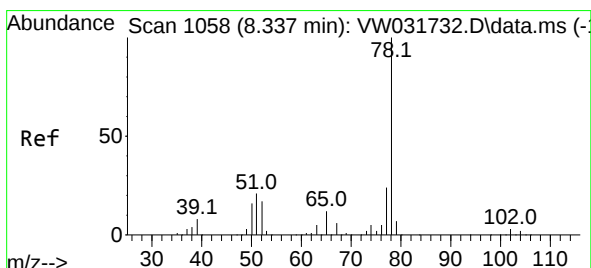
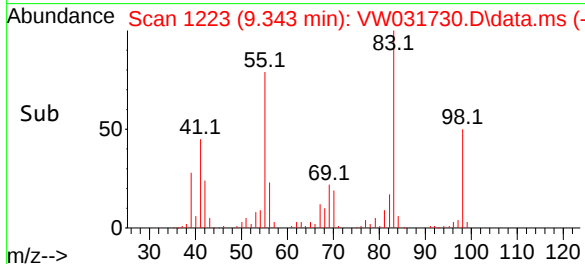
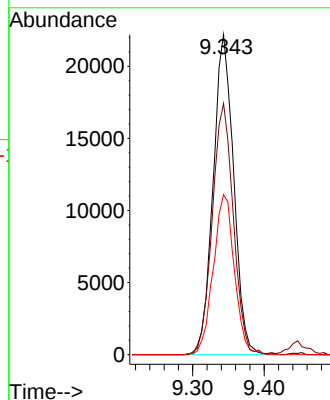
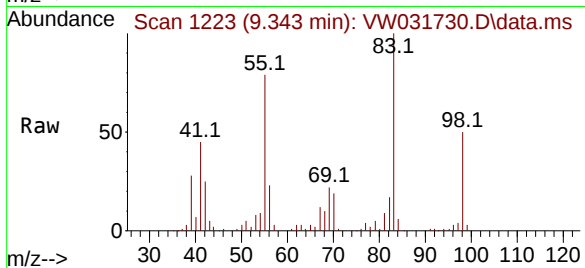
Tgt Ion: 83 Resp: 44170

Ion Ratio Lower Upper

83 100

55 78.5 61.0 91.4

98 50.0 37.9 56.9



#40

Benzene

Concen: 9.977 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031730.D

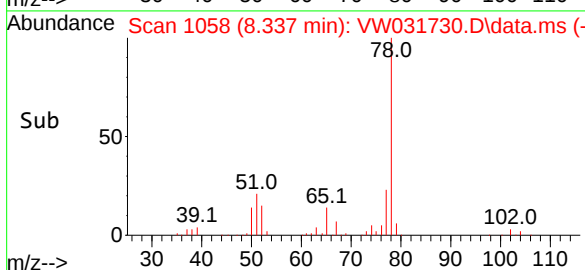
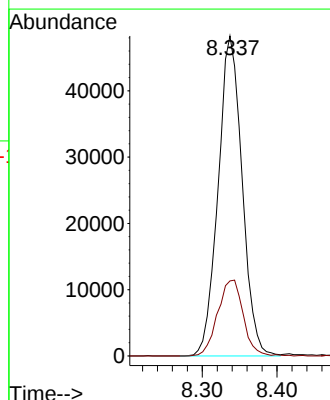
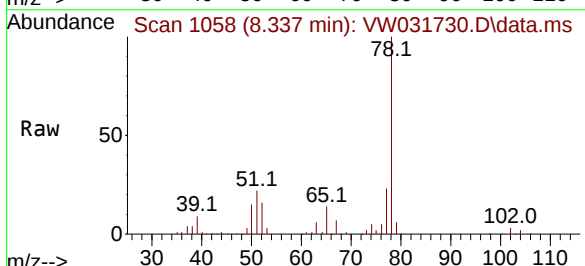
Acq: 30 Jun 2025 10:15

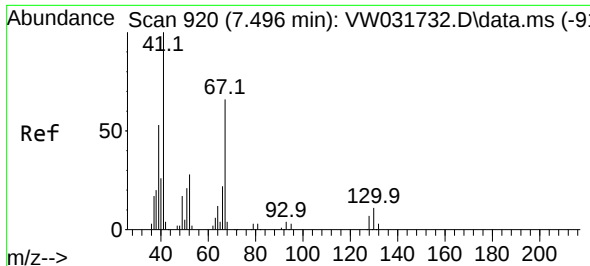
Tgt Ion: 78 Resp: 107869

Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8

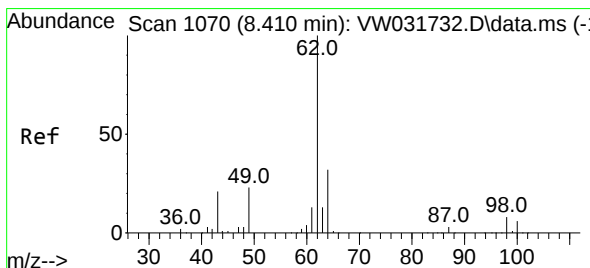
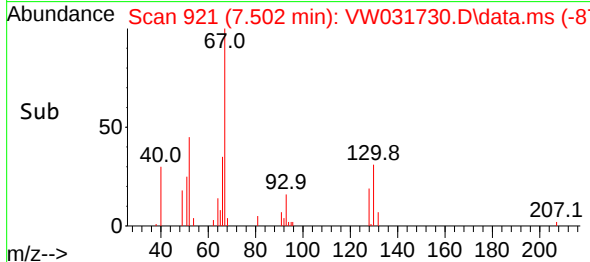
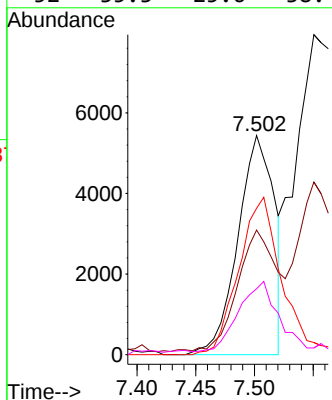
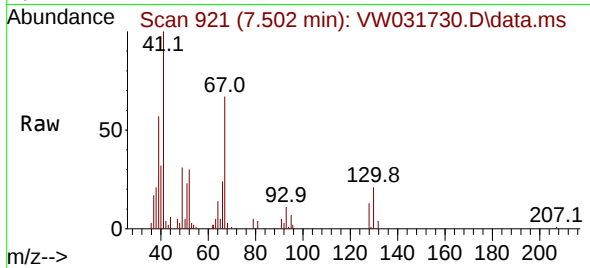




#41
Methacrylonitrile
Concen: 9.485 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

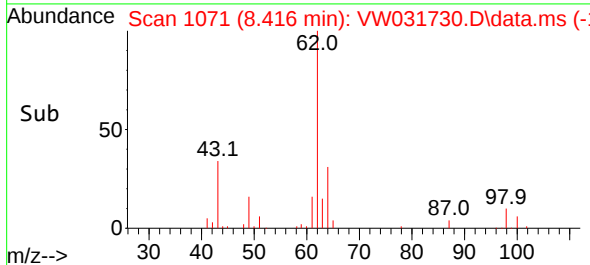
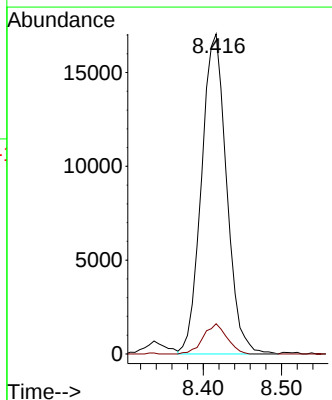
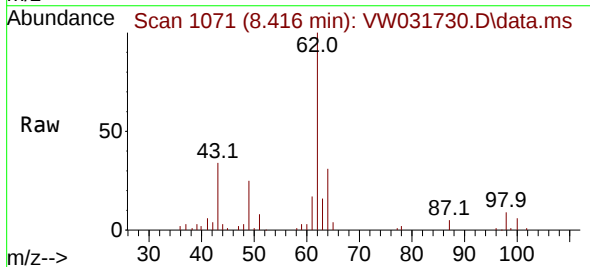
Instrument :
MSVOA_W
ClientSampleId :

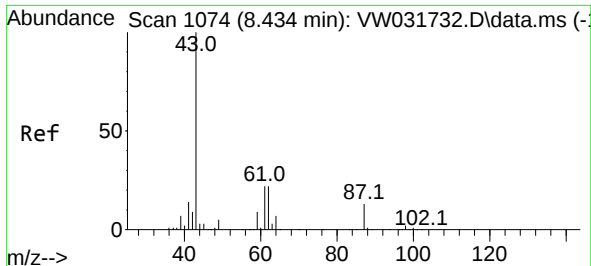
Tgt Ion:	41	Resp:	11713
Ion	Ratio	Lower	Upper
41	100		
39	62.2	43.2	64.8
67	86.5	58.1	87.1
52	35.3	25.6	38.4



#42
1,2-Dichloroethane
Concen: 10.390 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion:	62	Resp:	37957
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

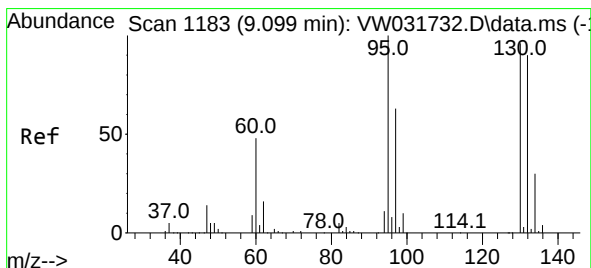
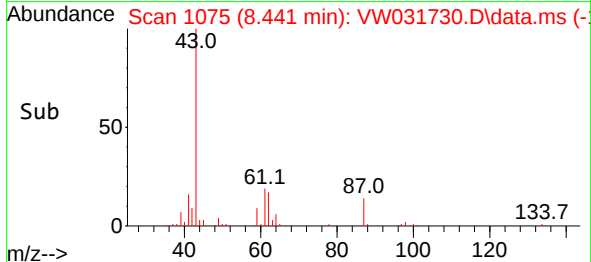
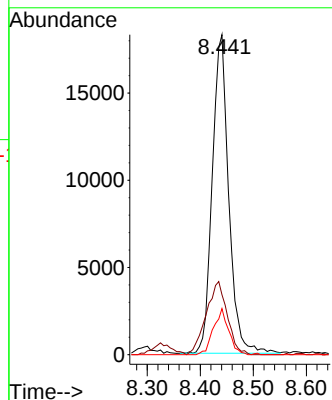
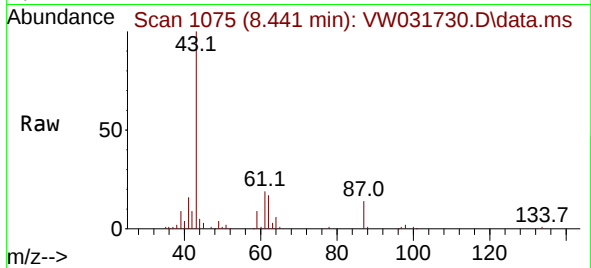




#43
Isopropyl Acetate
Concen: 9.913 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

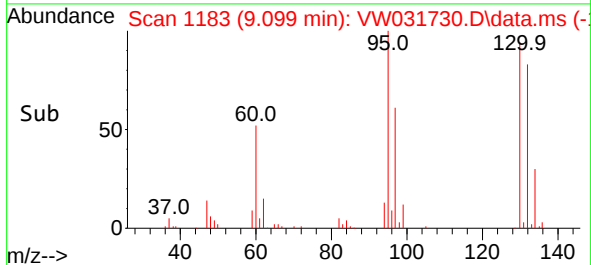
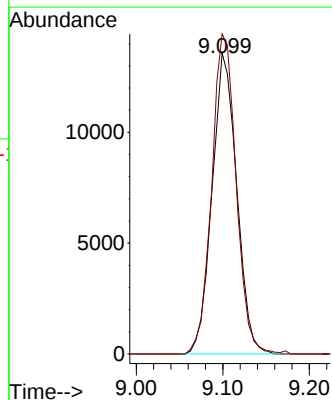
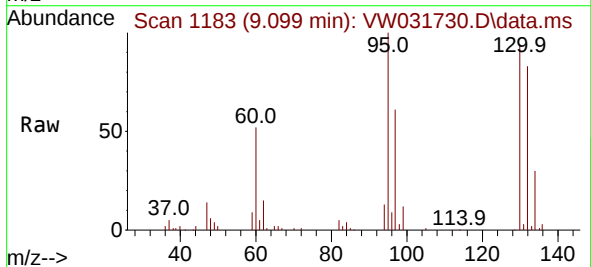
Instrument :
MSVOA_W
ClientSampleId :

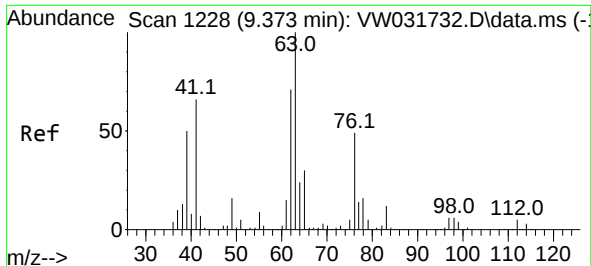
Tgt Ion: 43 Resp: 39393
Ion Ratio Lower Upper
43 100
61 29.4 23.1 34.7
87 13.4 10.8 16.2



#44
Trichloroethene
Concen: 9.927 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion:130 Resp: 26788
Ion Ratio Lower Upper
130 100
95 106.3 0.0 208.6

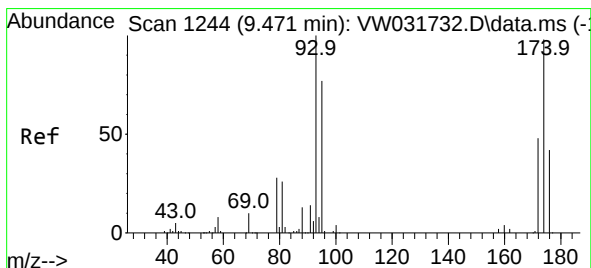
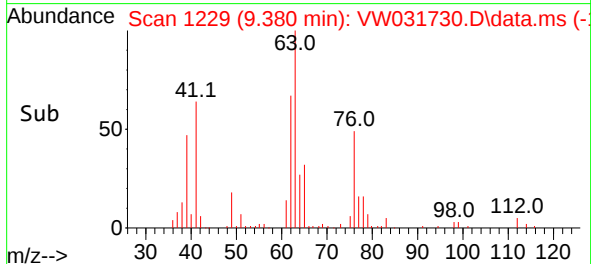
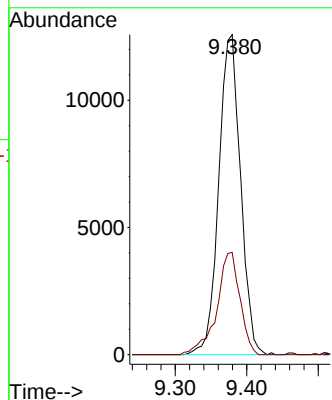
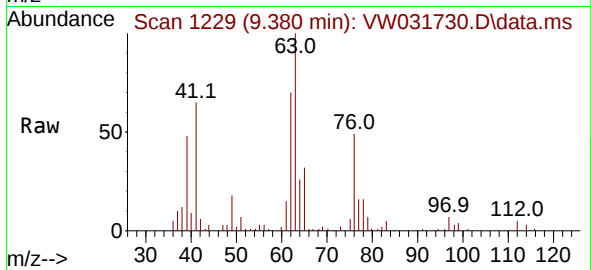




#45
1,2-Dichloropropane
Concen: 10.181 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

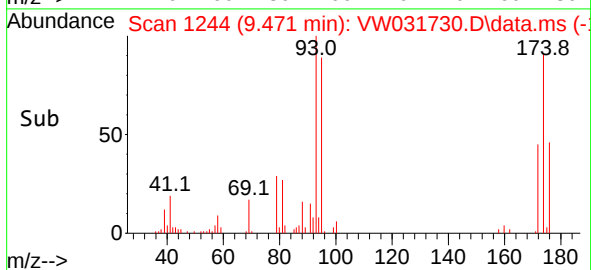
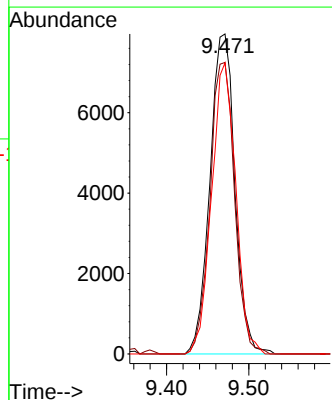
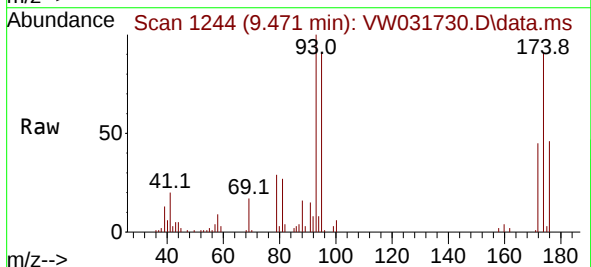
Instrument :
MSVOA_W
ClientSampleId :

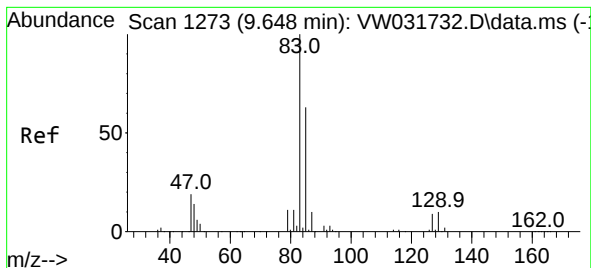
Tgt Ion: 63 Resp: 26605
Ion Ratio Lower Upper
63 100
65 31.9 24.2 36.4



#46
Dibromomethane
Concen: 9.969 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 93 Resp: 16818
Ion Ratio Lower Upper
93 100
95 89.3 67.0 100.4
174 87.9 71.7 107.5





#47

Bromodichloromethane

Concen: 10.009 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW031730.D

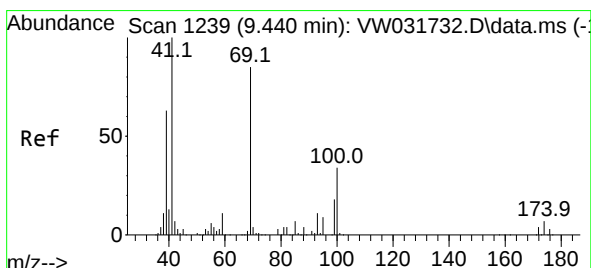
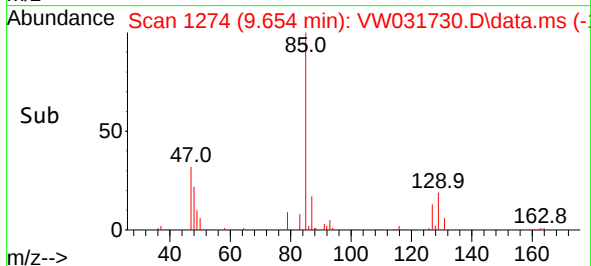
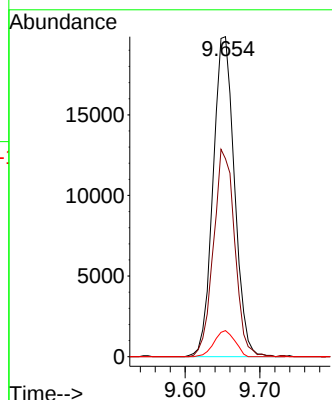
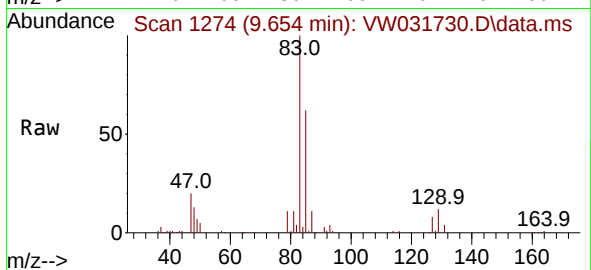
Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	39595
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.8	76.2
127	8.2	6.8	10.2



#48

Methyl methacrylate

Concen: 10.549 ug/l

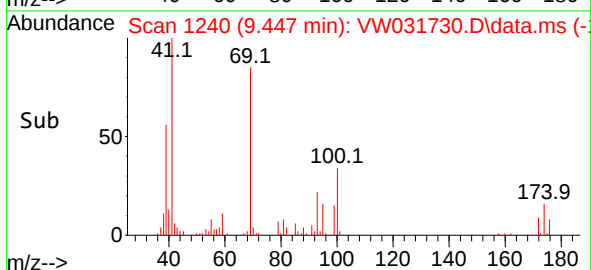
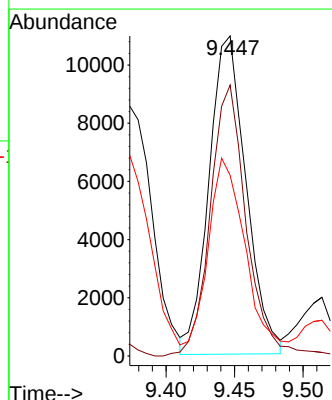
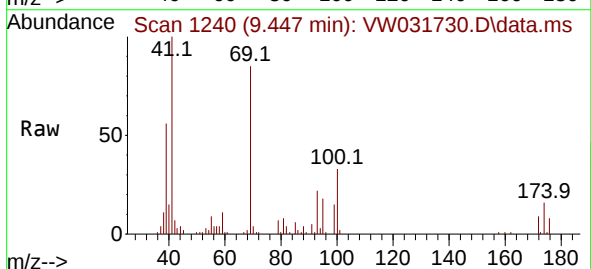
RT: 9.447 min Scan# 1240

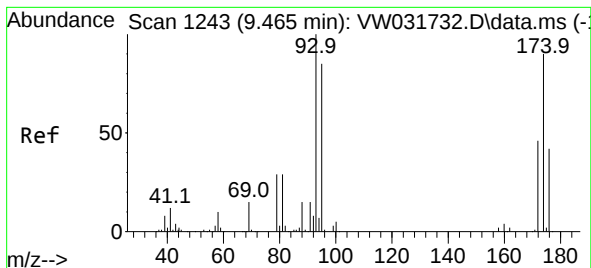
Delta R.T. 0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion:	41	Resp:	20612
Ion	Ratio	Lower	Upper
41	100		
69	82.8	71.6	107.4
39	62.0	49.5	74.3





#49

1,4-Dioxane

Concen: 182.013 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

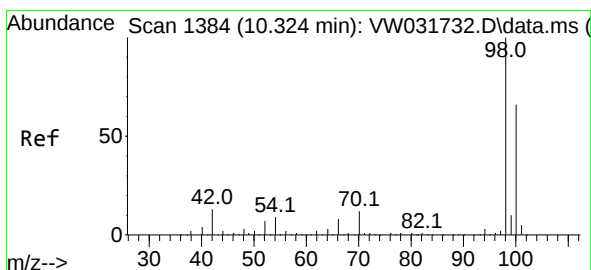
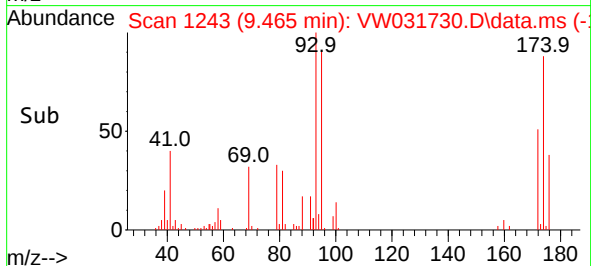
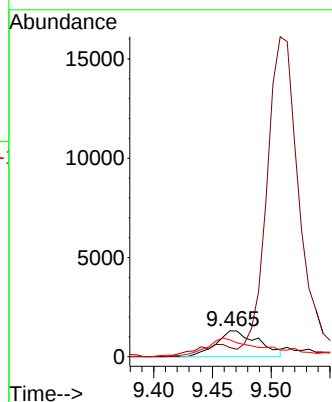
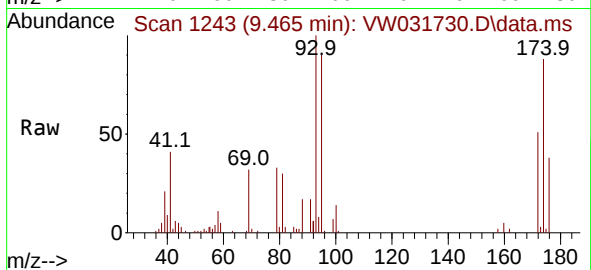
Tgt Ion: 88 Resp: 3269

Ion Ratio Lower Upper

88 100

43 41.6 0.0 0.0#

58 100.5 58.3 87.5#



#50

Toluene-d8

Concen: 10.251 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031730.D

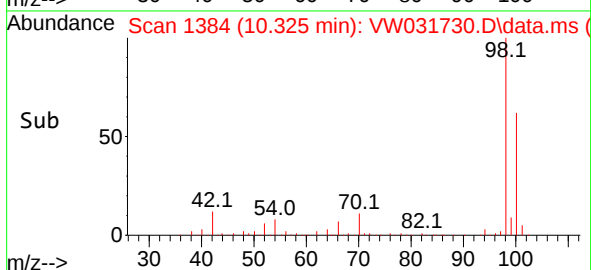
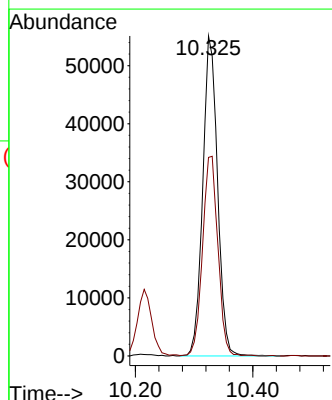
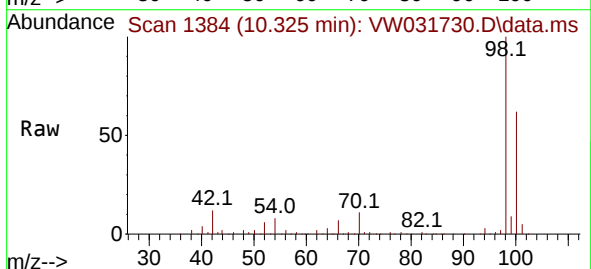
Acq: 30 Jun 2025 10:15

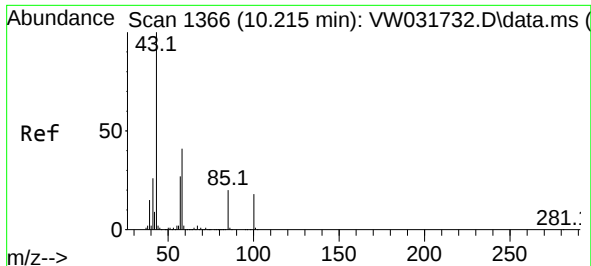
Tgt Ion: 98 Resp: 96344

Ion Ratio Lower Upper

98 100

100 64.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 51.050 ug/l

RT: 10.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

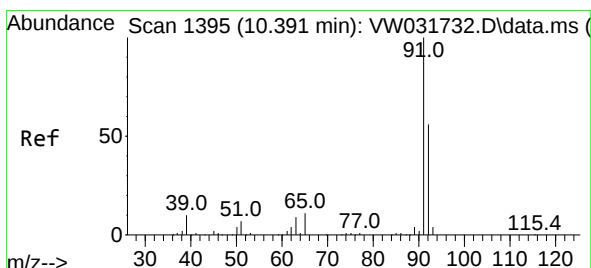
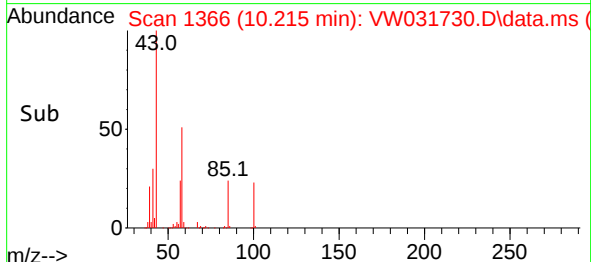
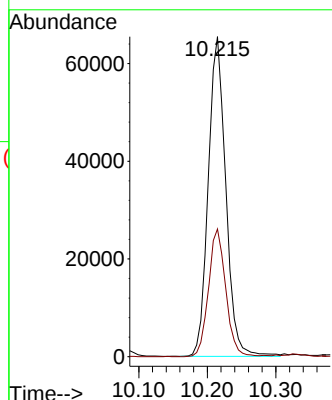
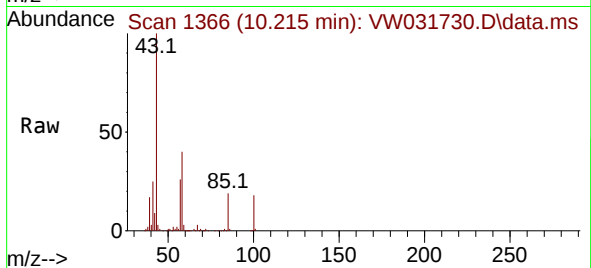
ClientSampleId :

Tgt Ion: 43 Resp: 116628

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.2



#52

Toluene

Concen: 10.041 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VW031730.D

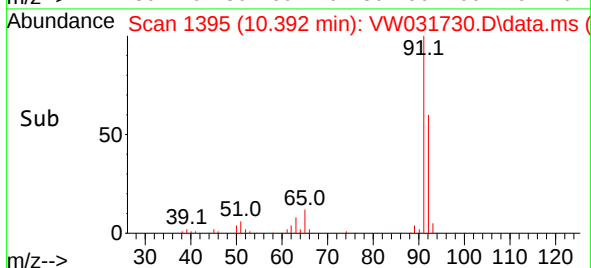
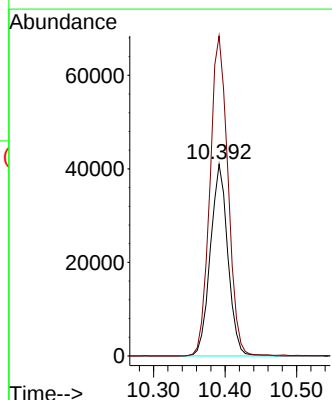
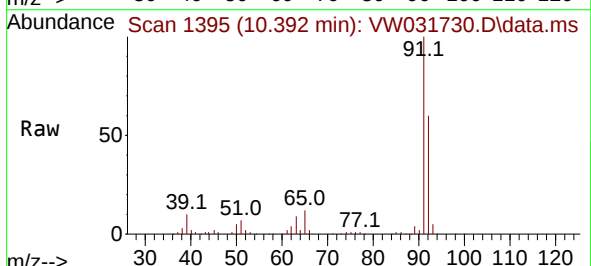
Acq: 30 Jun 2025 10:15

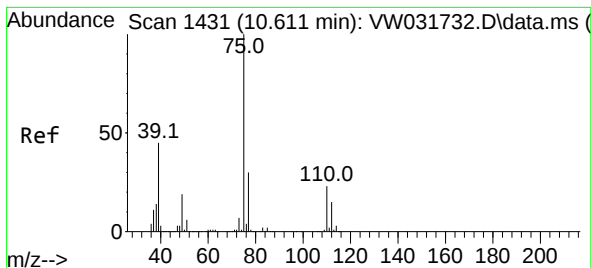
Tgt Ion: 92 Resp: 69506

Ion Ratio Lower Upper

92 100

91 172.5 139.5 209.3

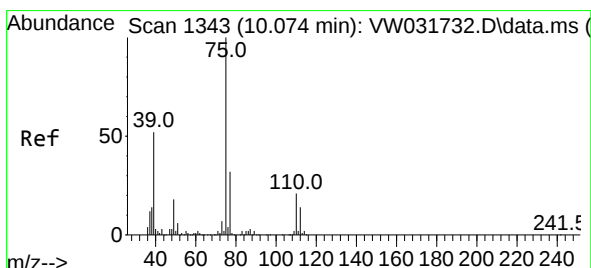
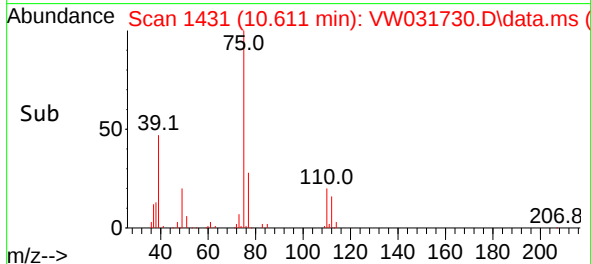
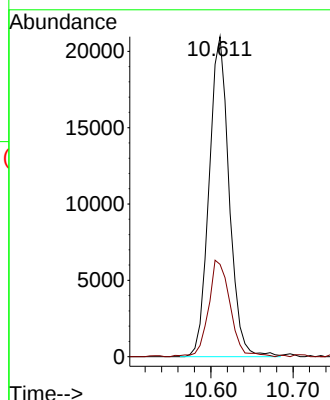
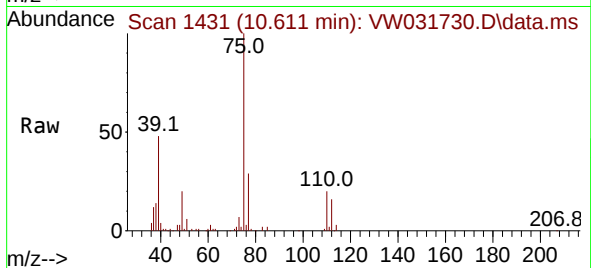




#53
 t-1,3-Dichloropropene
 Concen: 9.585 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

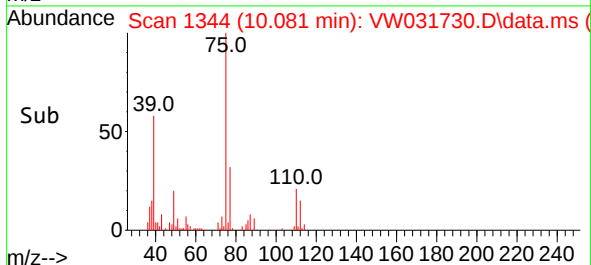
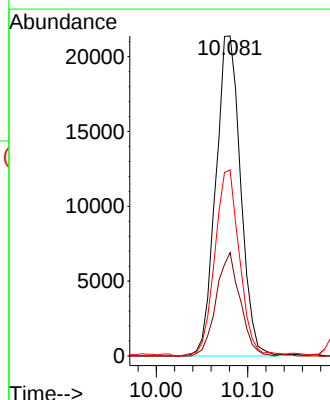
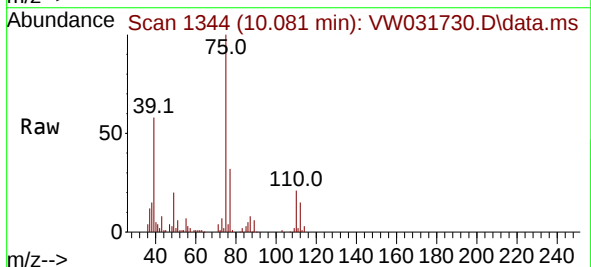
Instrument :
 MSVOA_W
 ClientSampleId :

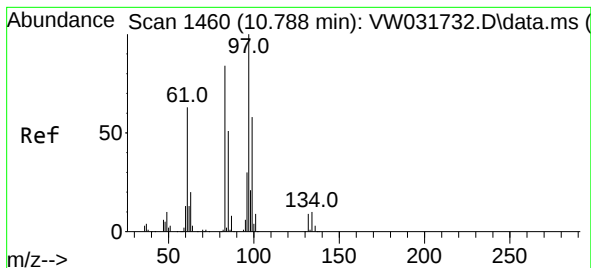
Tgt Ion: 75 Resp: 35578
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 9.588 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Tgt Ion: 75 Resp: 40343
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2
 39 58.2 41.8 62.6

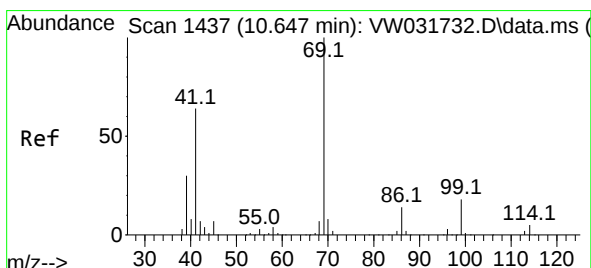
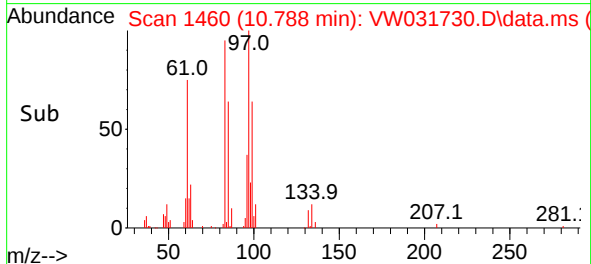
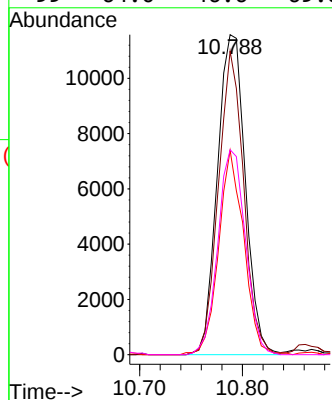
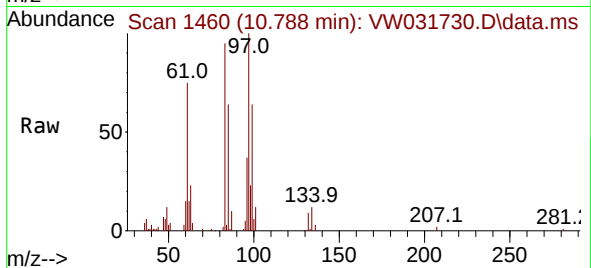




#55
1,1,2-Trichloroethane
Concen: 9.872 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

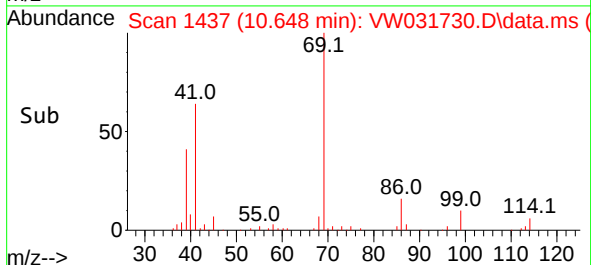
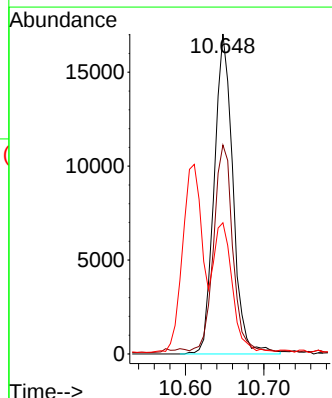
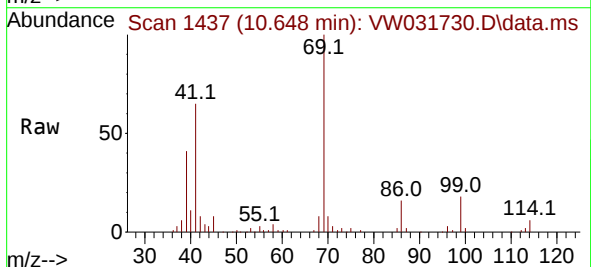
Instrument :
MSVOA_W
ClientSampleId :

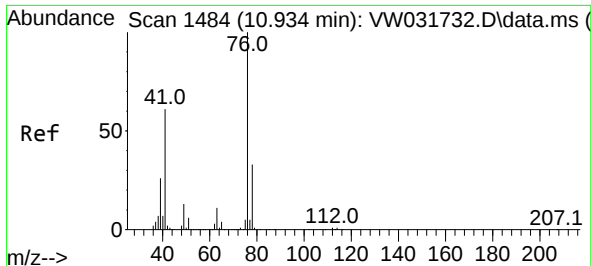
Tgt Ion: 97	Resp: 21816
Ion Ratio	Lower Upper
97 100	
83 94.8	66.9 100.3
85 63.9	41.1 61.7#
99 64.0	46.6 69.8



#56
Ethyl methacrylate
Concen: 9.445 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 69	Resp: 28317
Ion Ratio	Lower Upper
69 100	
41 66.1	53.3 79.9
39 39.5	30.2 45.2





#57

1,3-Dichloropropane

Concen: 10.446 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

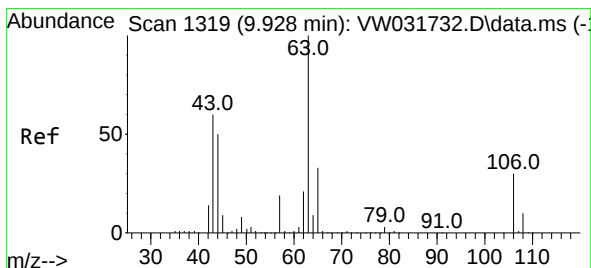
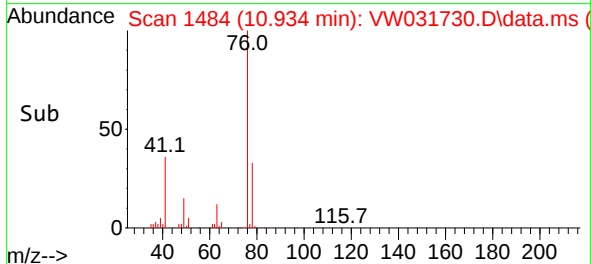
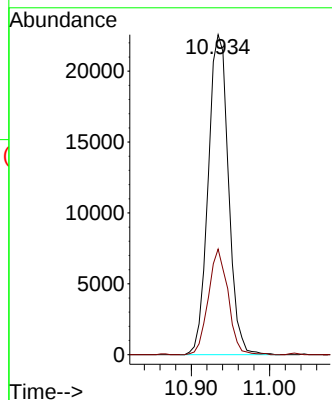
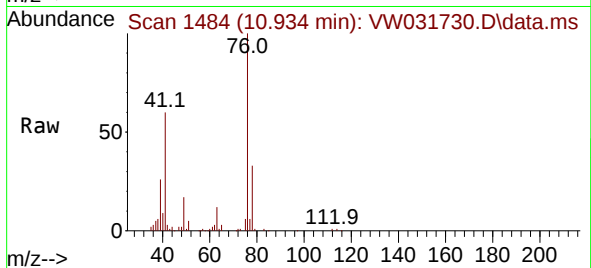
ClientSampleId :

Tgt Ion: 76 Resp: 40528

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 46.578 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031730.D

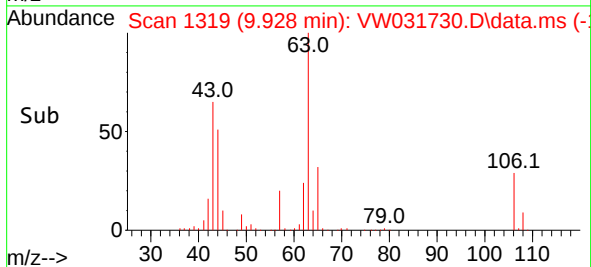
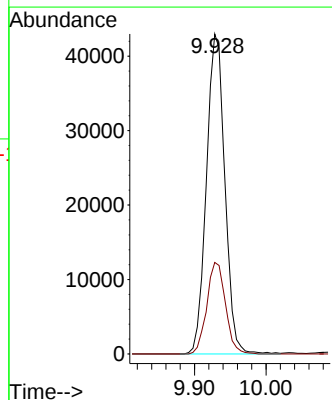
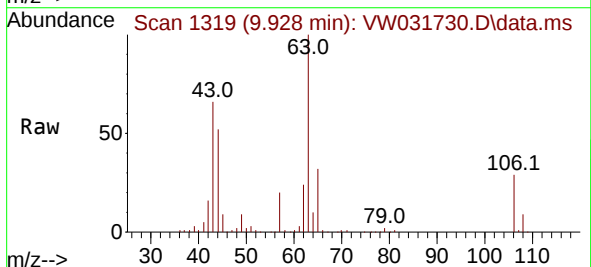
Acq: 30 Jun 2025 10:15

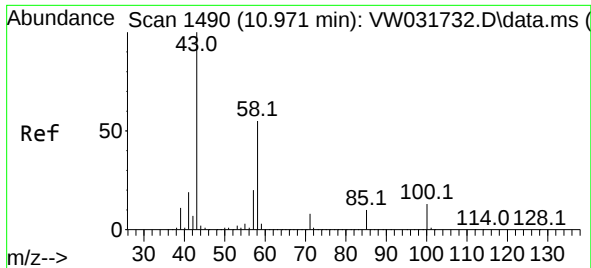
Tgt Ion: 63 Resp: 76896

Ion Ratio Lower Upper

63 100

106 28.9 24.1 36.1

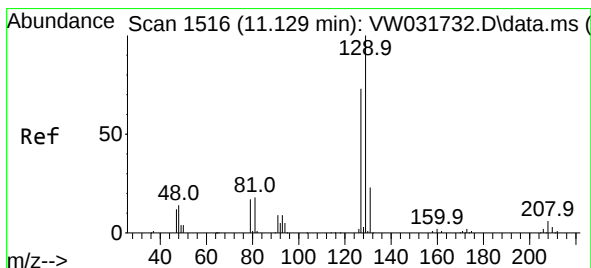
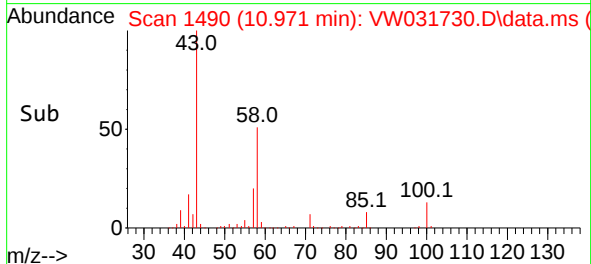
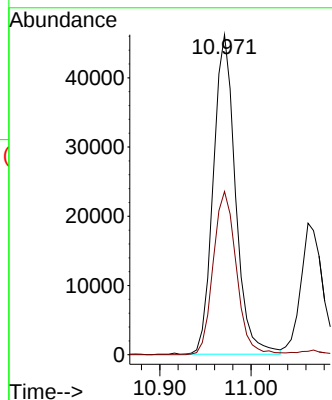
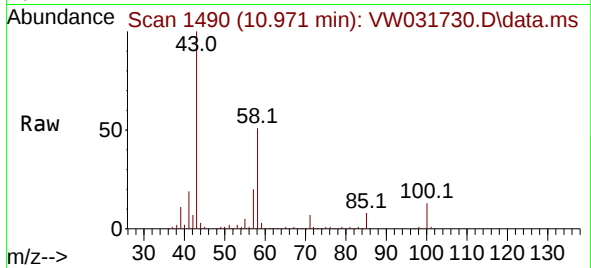




#59
2-Hexanone
Concen: 50.260 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

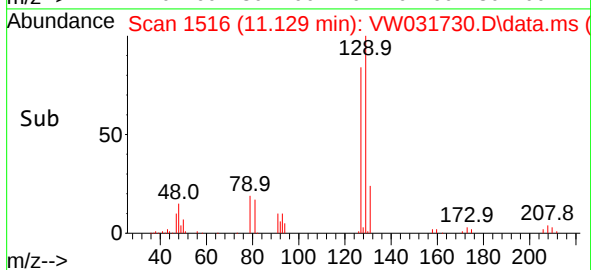
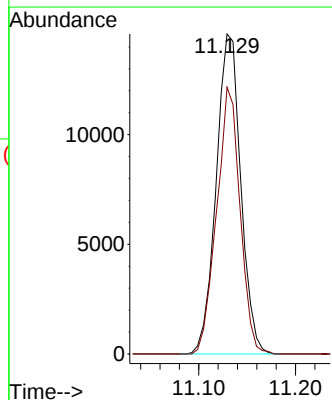
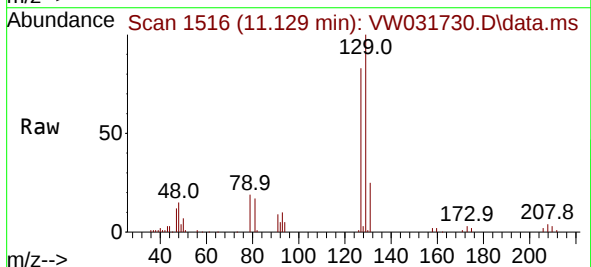
Instrument :
MSVOA_W
ClientSampleId :

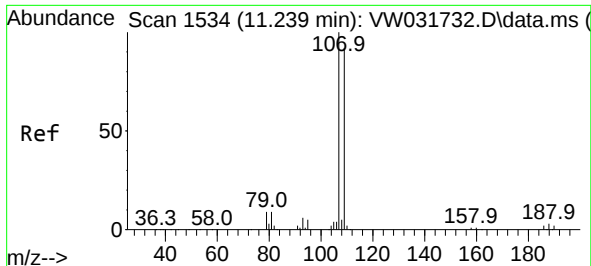
Tgt Ion: 43 Resp: 77810
Ion Ratio Lower Upper
43 100
58 53.4 27.9 83.6



#60
Dibromochloromethane
Concen: 9.738 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

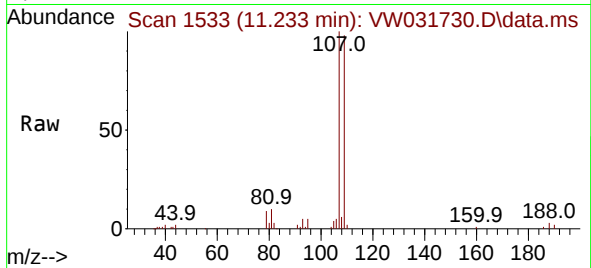
Tgt Ion:129 Resp: 25734
Ion Ratio Lower Upper
129 100
127 79.2 38.0 114.1



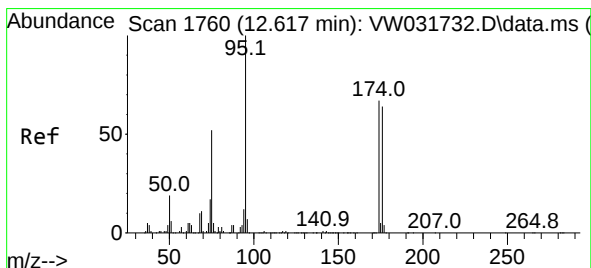
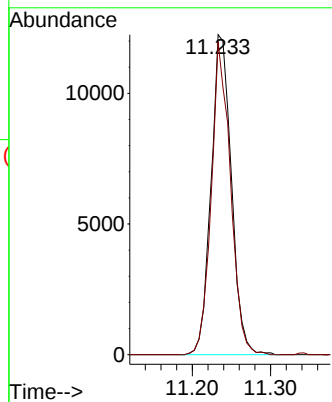
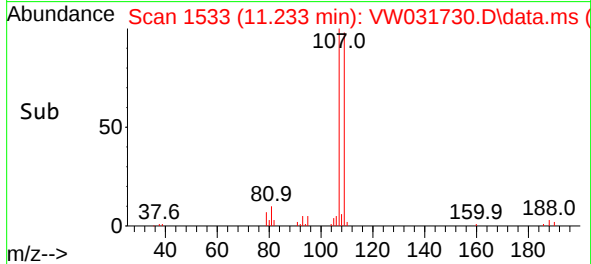


#61
1,2-Dibromoethane
Concen: 9.981 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

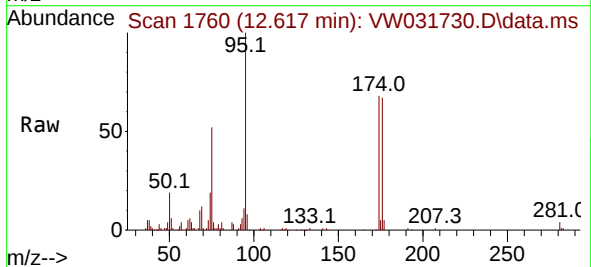
Instrument :
MSVOA_W
ClientSampleId :



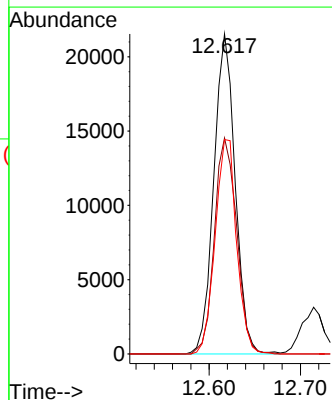
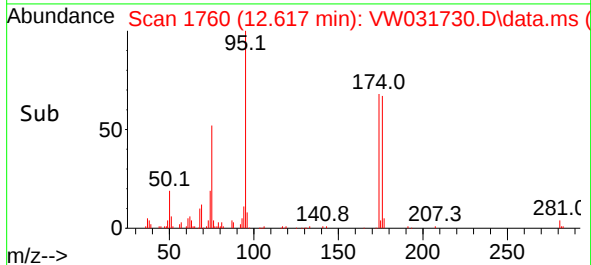
Tgt Ion:107 Resp: 22082
Ion Ratio Lower Upper
107 100
109 92.3 73.9 110.9

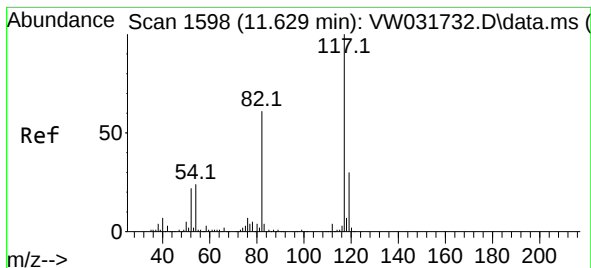


#62
4-Bromofluorobenzene
Concen: 10.105 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15



Tgt Ion: 95 Resp: 34948
Ion Ratio Lower Upper
95 100
174 70.7 0.0 133.8
176 67.6 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

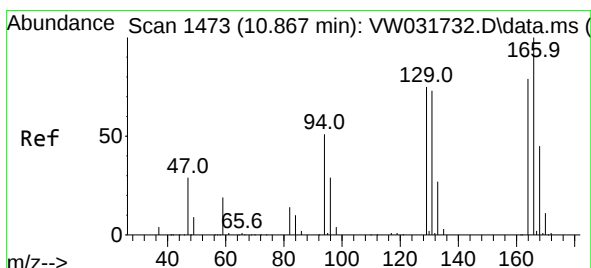
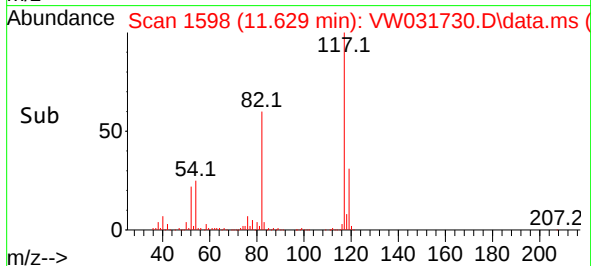
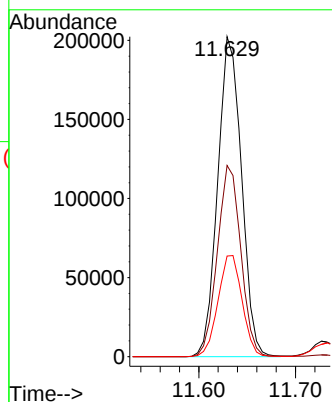
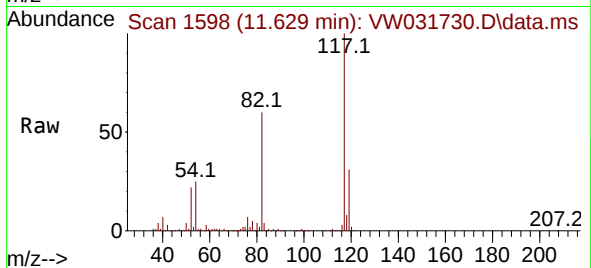
Tgt Ion:117 Resp: 345396

Ion Ratio Lower Upper

117 100

82 59.7 48.6 72.8

119 31.5 23.9 35.9



#64

Tetrachloroethene

Concen: 9.801 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion:164 Resp: 22144

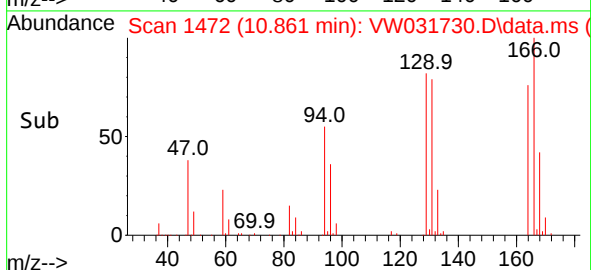
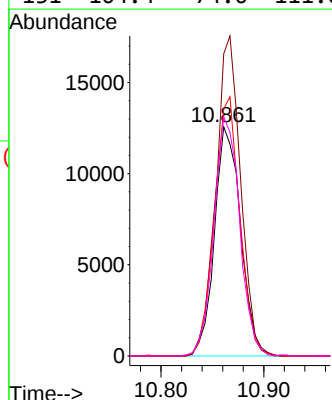
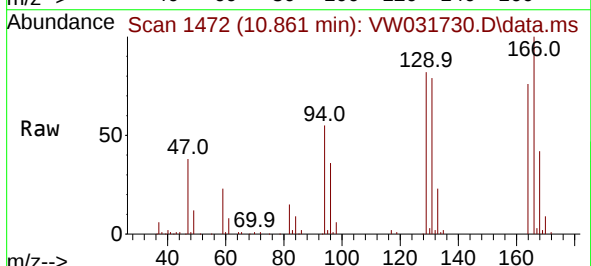
Ion Ratio Lower Upper

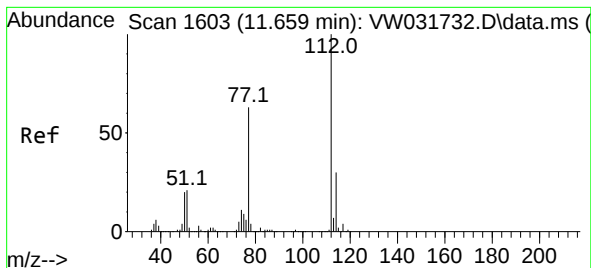
164 100

166 131.9 100.7 151.1

129 107.9 75.4 113.0

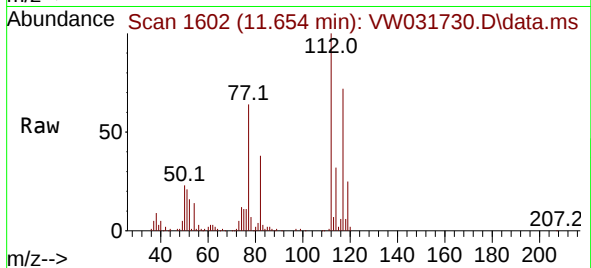
131 104.4 74.0 111.0



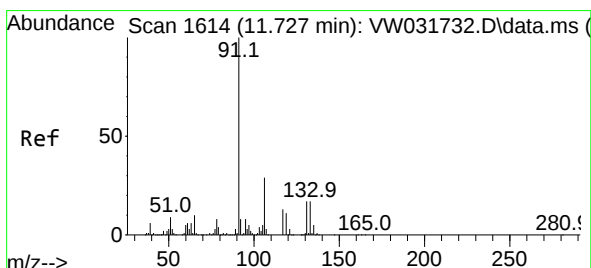
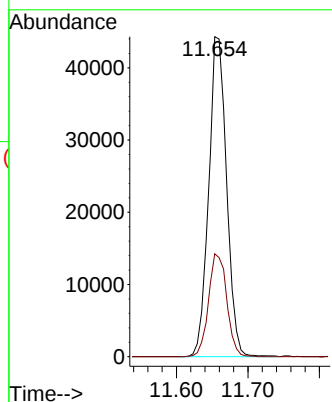
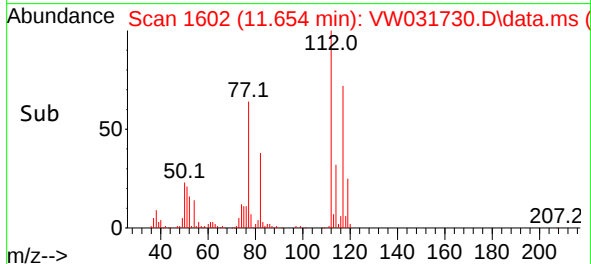


#65
Chlorobenzene
Concen: 10.113 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Instrument :
MSVOA_W
ClientSampleId :

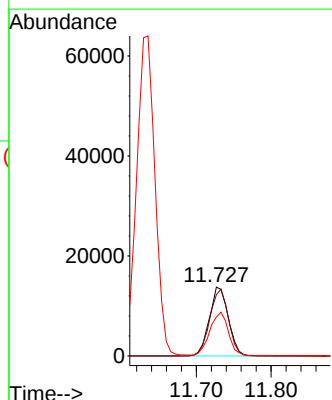
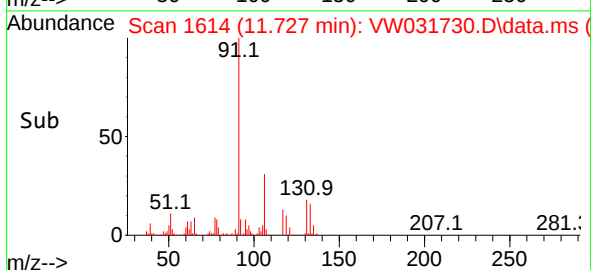
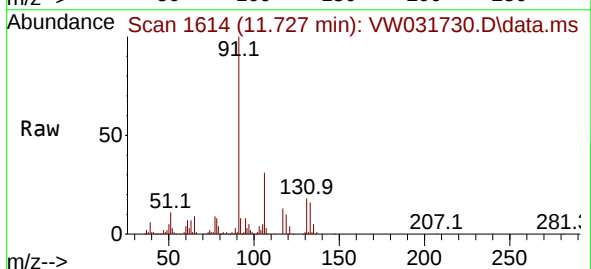


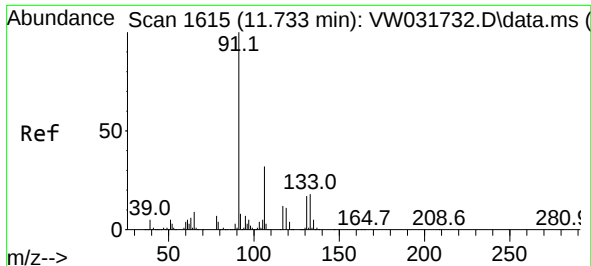
Tgt Ion:112 Resp: 77068
Ion Ratio Lower Upper
112 100
114 32.2 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.975 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion:131 Resp: 24224
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.6
119 62.9 32.5 97.5





#67

Ethyl Benzene

Concen: 9.927 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

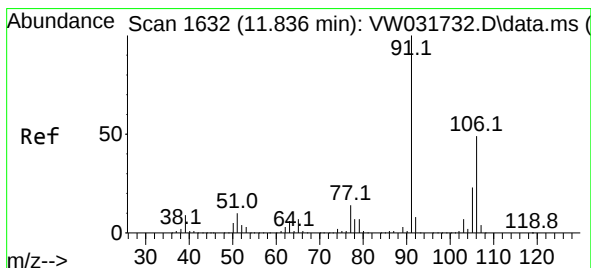
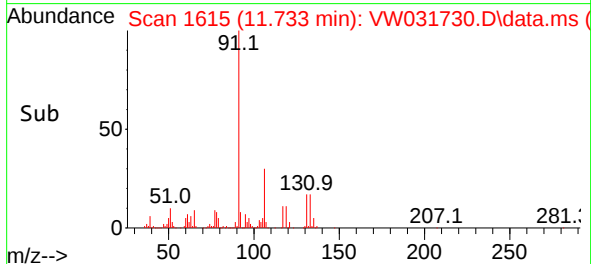
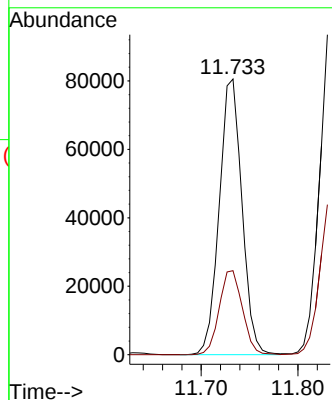
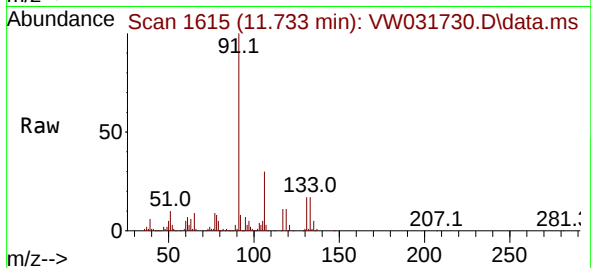
ClientSampleId :

Tgt Ion: 91 Resp: 131184

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 19.856 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031730.D

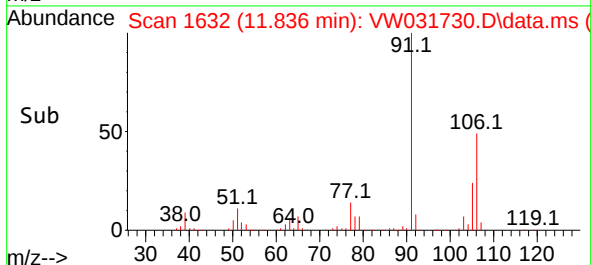
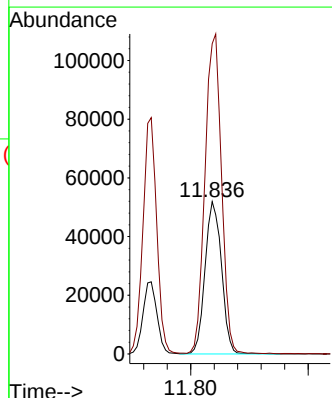
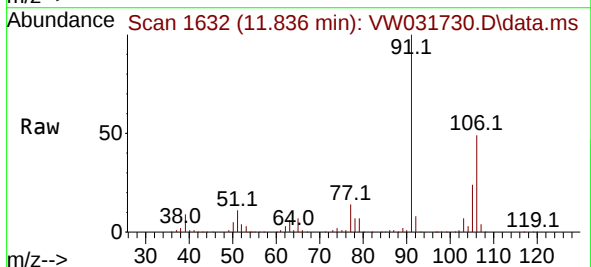
Acq: 30 Jun 2025 10:15

Tgt Ion:106 Resp: 100863

Ion Ratio Lower Upper

106 100

91 210.3 166.4 249.6

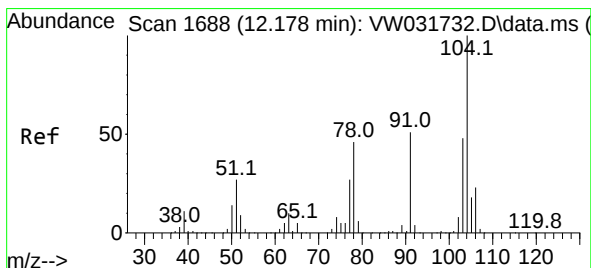
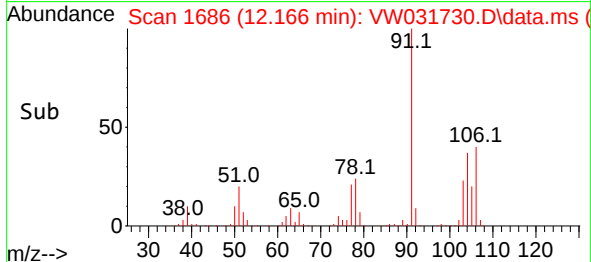
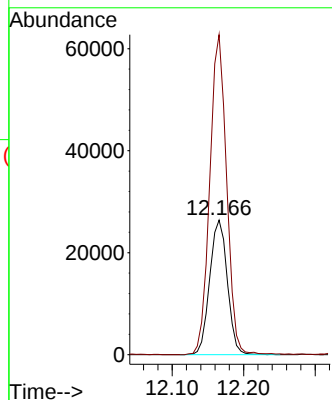
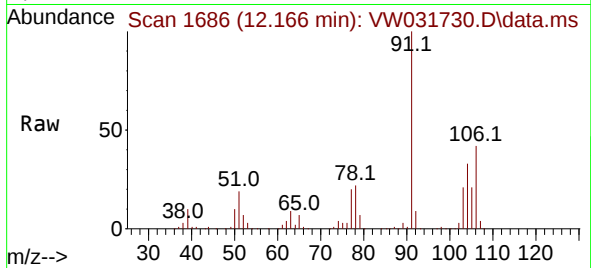




#69
o-Xylene
Concen: 9.611 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

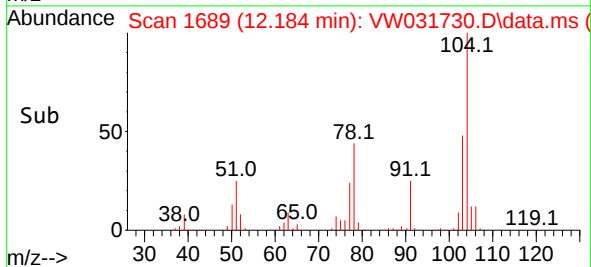
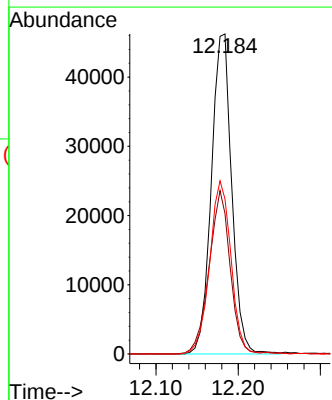
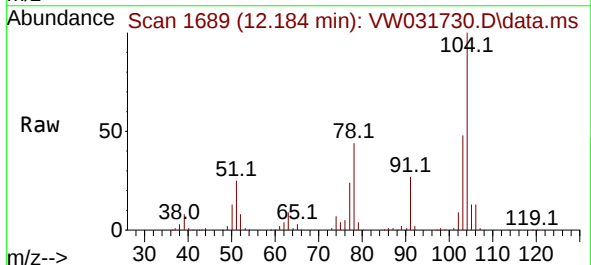
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 45204
Ion Ratio Lower Upper
106 100
91 227.6 111.5 334.4



#70
Styrene
Concen: 9.805 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion:104 Resp: 79722
Ion Ratio Lower Upper
104 100
78 53.0 42.1 63.1
103 56.3 43.0 64.6





#71

Bromoform

Concen: 9.641 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

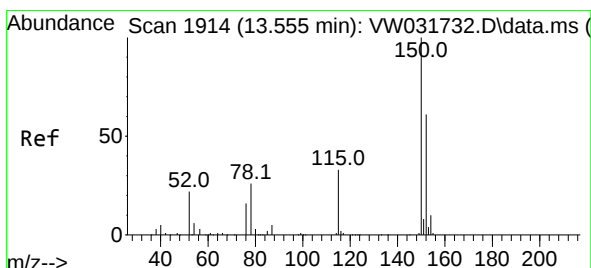
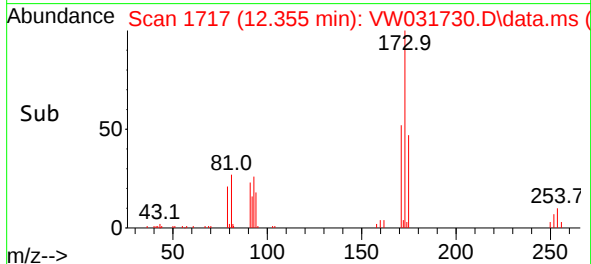
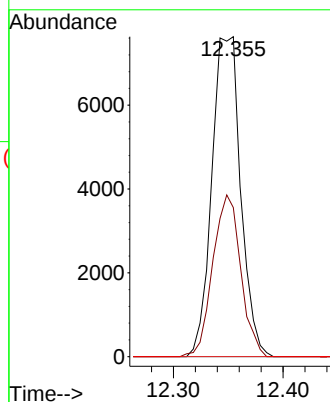
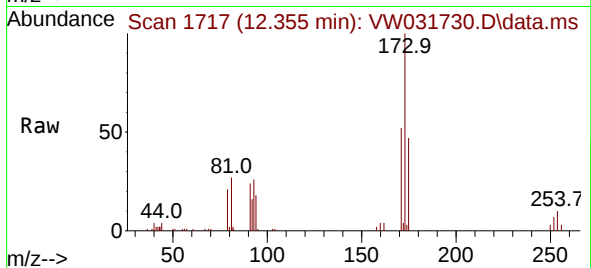
Tgt Ion:173 Resp: 13967

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

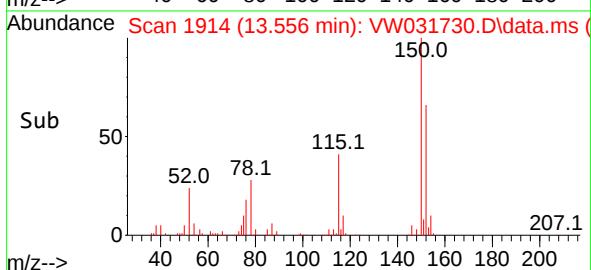
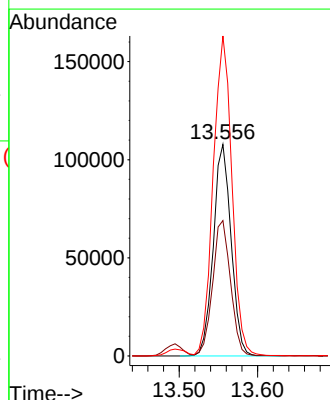
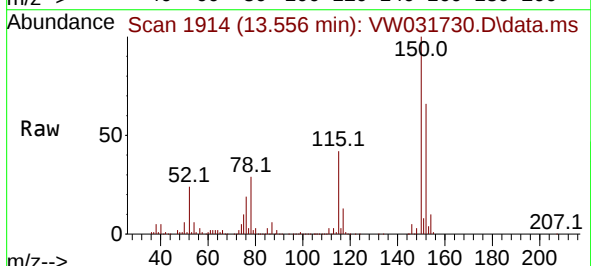
Tgt Ion:152 Resp: 170268

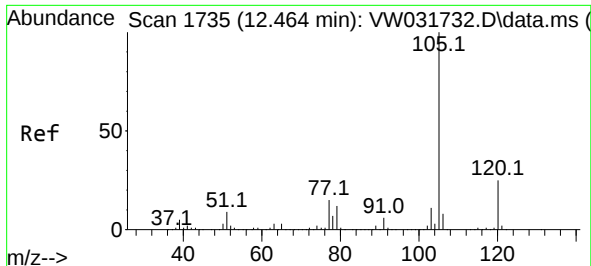
Ion Ratio Lower Upper

152 100

115 64.2 31.9 95.7

150 158.5 0.0 356.4

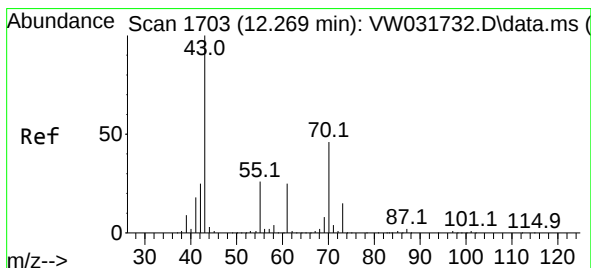
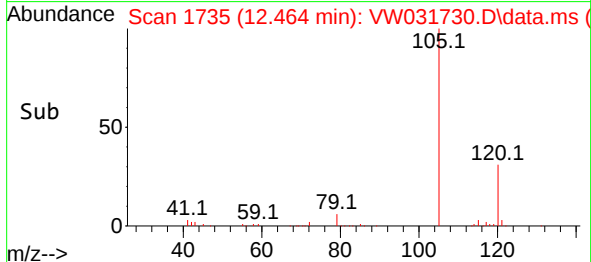
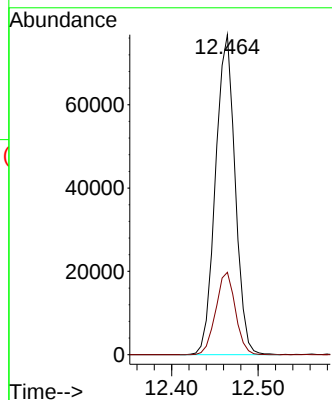
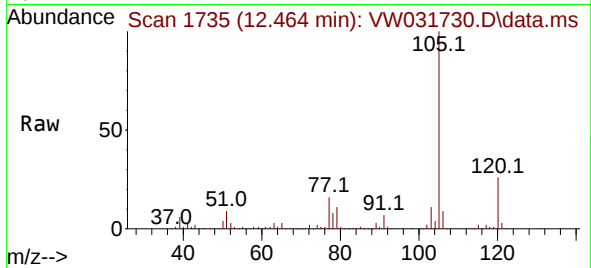




#73
Isopropylbenzene
Concen: 9.331 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

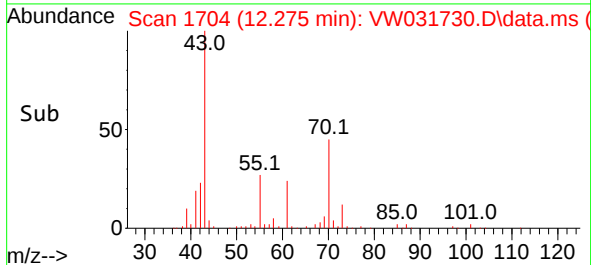
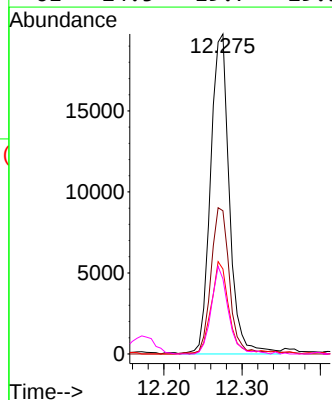
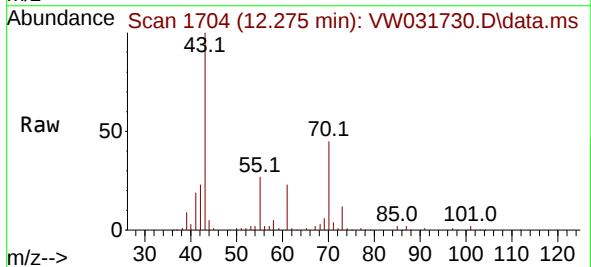
Instrument :
MSVOA_W
ClientSampleId :

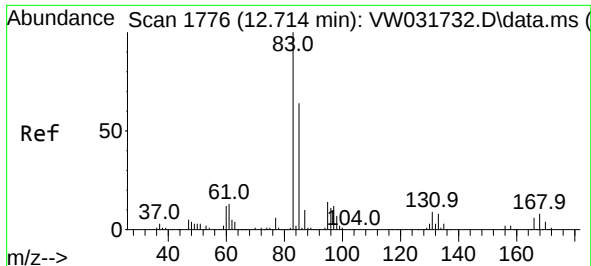
Tgt Ion:105 Resp: 120857
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4



#74
N-ethyl acetate
Concen: 9.467 ug/l
RT: 12.275 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 43 Resp: 33049
Ion Ratio Lower Upper
43 100
70 44.7 36.0 54.0
55 26.8 20.8 31.2
61 24.5 19.7 29.5

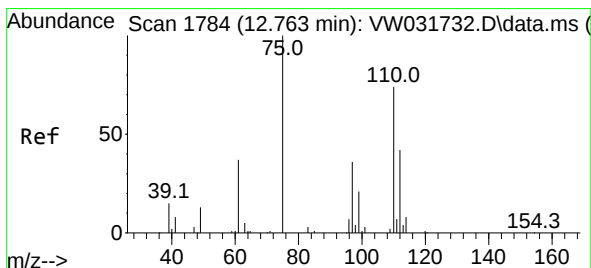
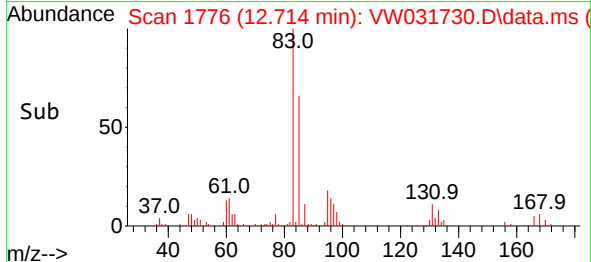
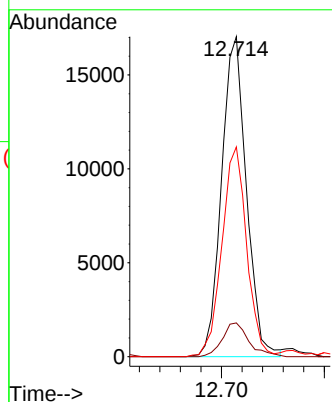
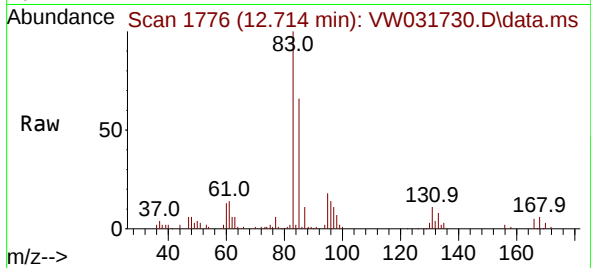




#75
1,1,2,2-Tetrachloroethane
Concen: 9.935 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

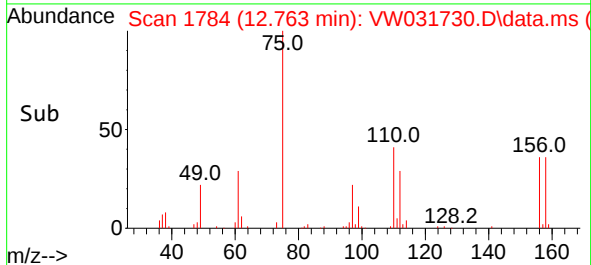
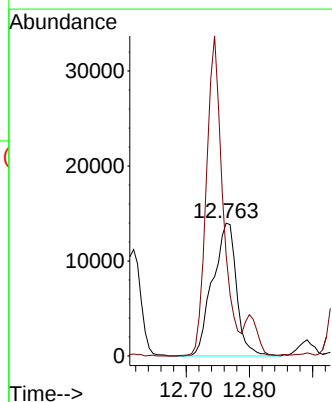
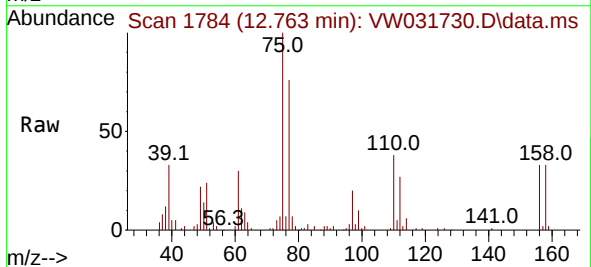
Instrument :
MSVOA_W
ClientSampleId :

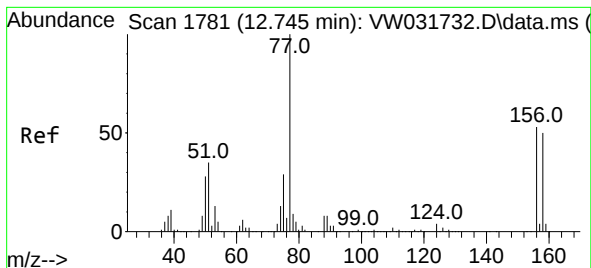
Tgt Ion: 83 Resp: 28567
Ion Ratio Lower Upper
83 100
131 11.3 5.3 16.1
85 65.2 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 16.575 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 75 Resp: 36471
Ion Ratio Lower Upper
75 100
77 168.9 141.2 423.6





#77

Bromobenzene

Concen: 9.682 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031730.D

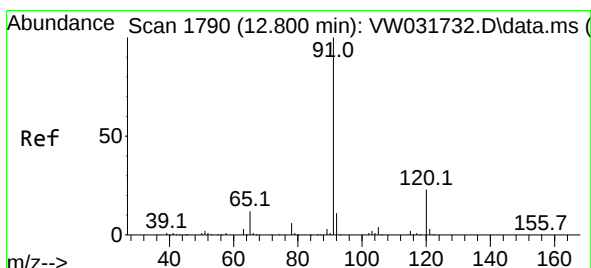
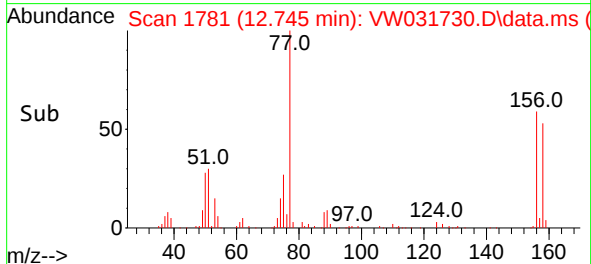
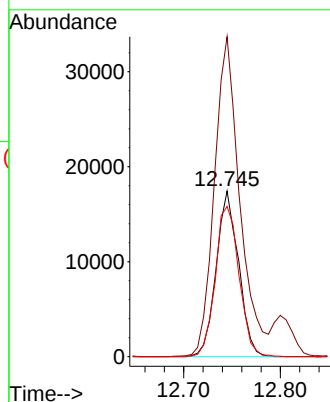
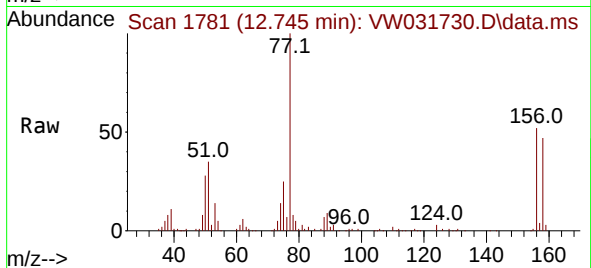
Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	156	Resp:	27969
Ion Ratio	Lower	Upper	
156	100		
77	220.3	117.9	353.7
158	96.4	52.6	157.8



#78

n-propylbenzene

Concen: 9.734 ug/l

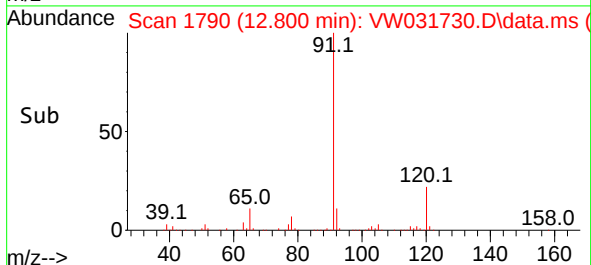
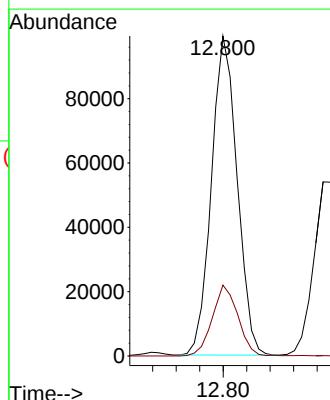
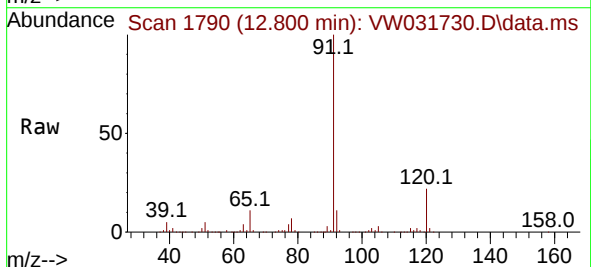
RT: 12.800 min Scan# 1790

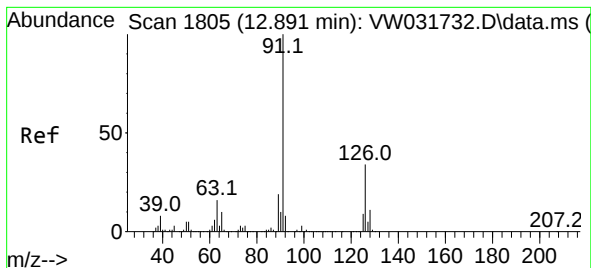
Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion:	91	Resp:	150962
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 9.654 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

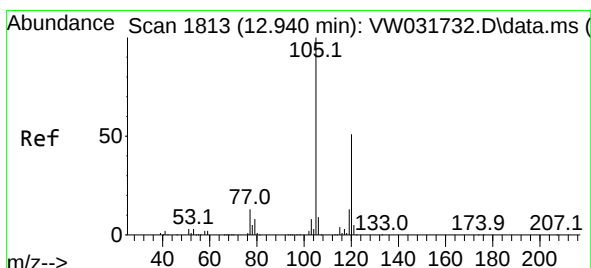
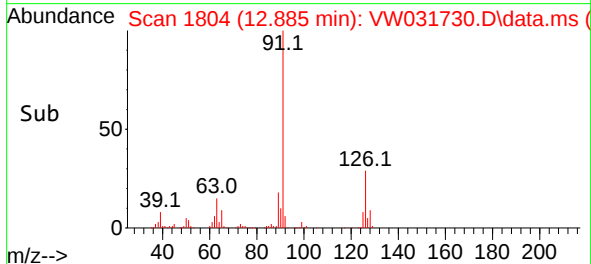
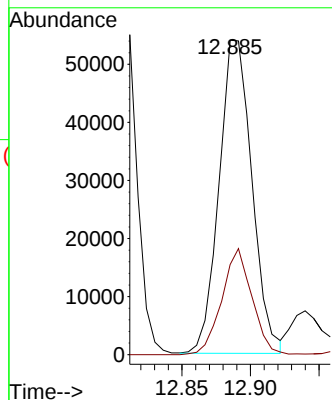
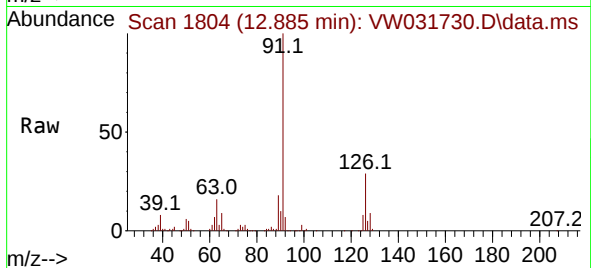
ClientSampleId :

Tgt Ion: 91 Resp: 90162

Ion Ratio Lower Upper

91 100

126 31.1 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 9.489 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031730.D

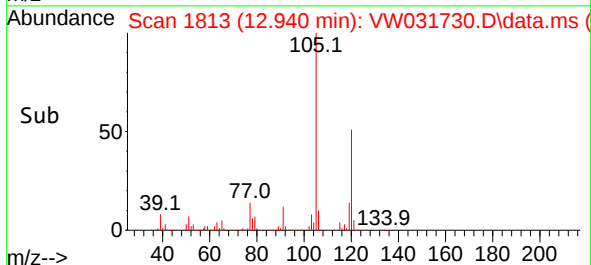
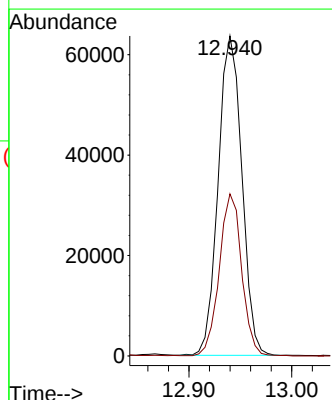
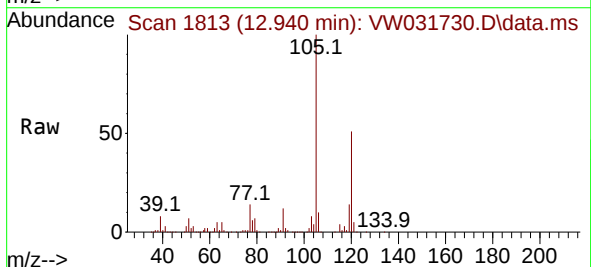
Acq: 30 Jun 2025 10:15

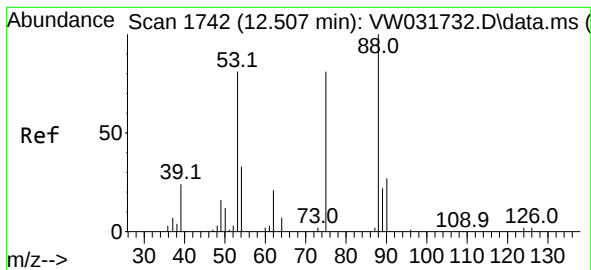
Tgt Ion:105 Resp: 101724

Ion Ratio Lower Upper

105 100

120 48.1 23.8 71.2

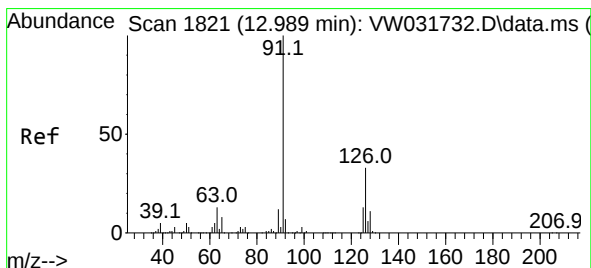
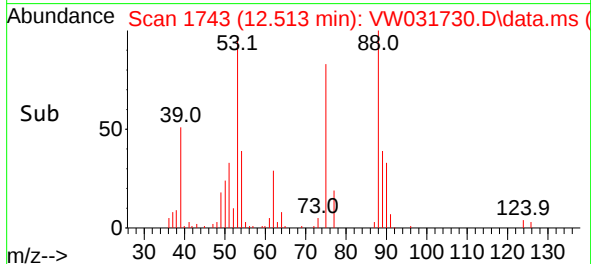
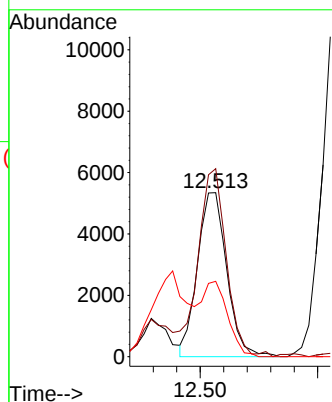
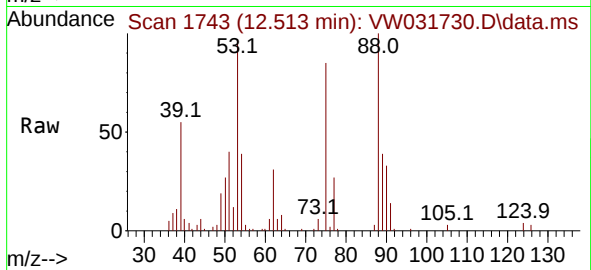




#81
trans-1,4-Dichloro-2-butene
Concen: 9.808 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

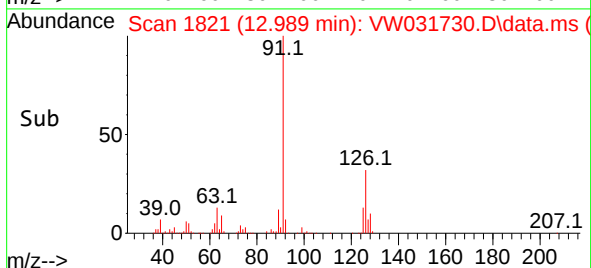
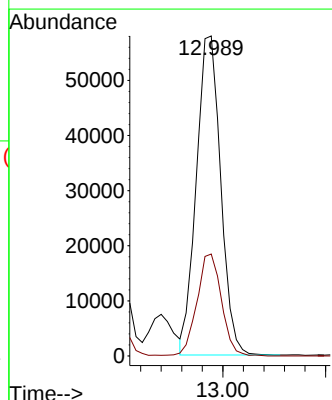
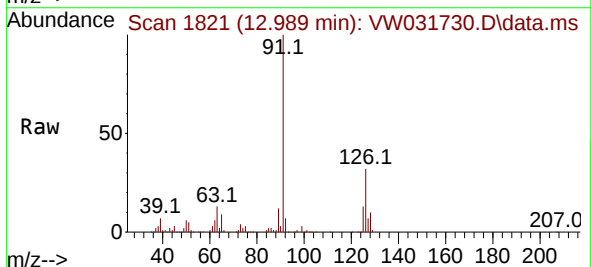
Instrument :
MSVOA_W
ClientSampleId :

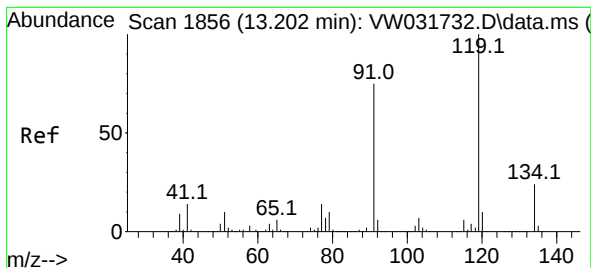
Tgt Ion: 75 Resp: 9266
Ion Ratio Lower Upper
75 100
53 112.1 83.5 125.3
89 40.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 9.731 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

Tgt Ion: 91 Resp: 95411
Ion Ratio Lower Upper
91 100
126 32.2 16.0 47.9

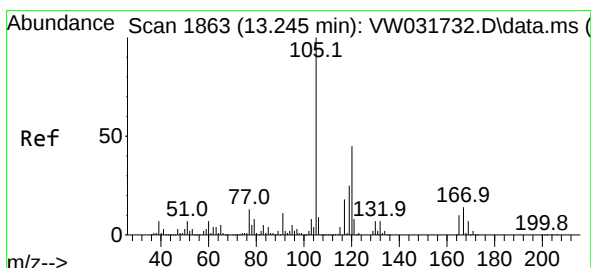
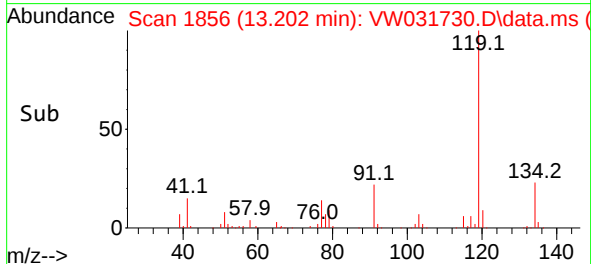
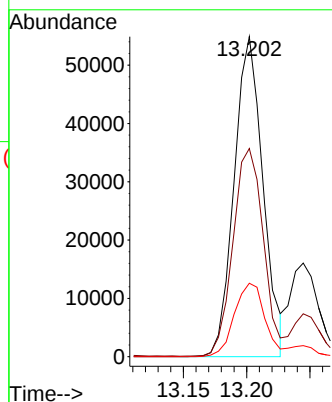
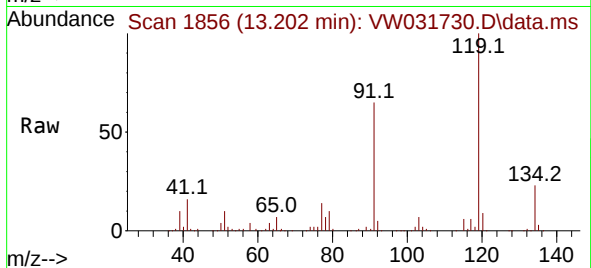




#83
tert-Butylbenzene
Concen: 9.495 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

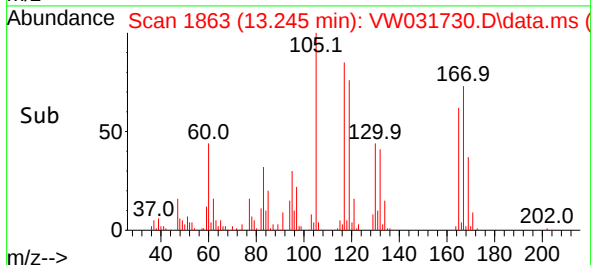
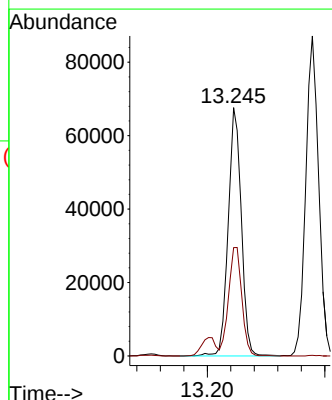
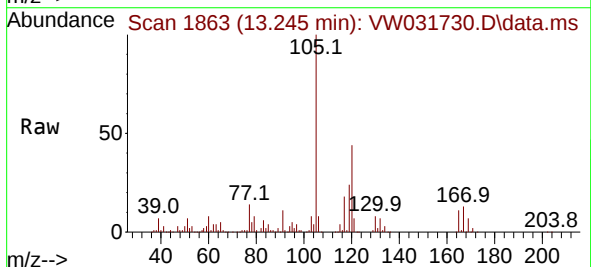
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:119 Resp: 87194
Ion Ratio Lower Upper
119 100
91 68.0 36.0 108.1
134 24.6 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 9.651 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031730.D
Acq: 30 Jun 2025 10:15

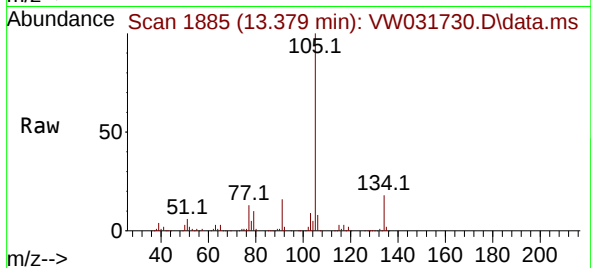
Tgt Ion:105 Resp: 104832
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1



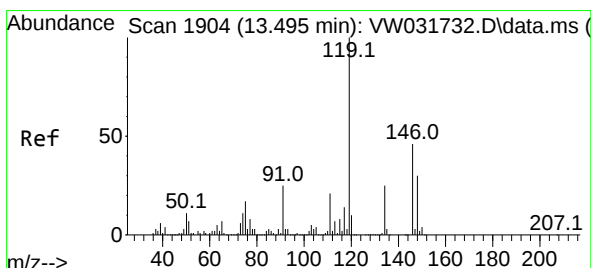
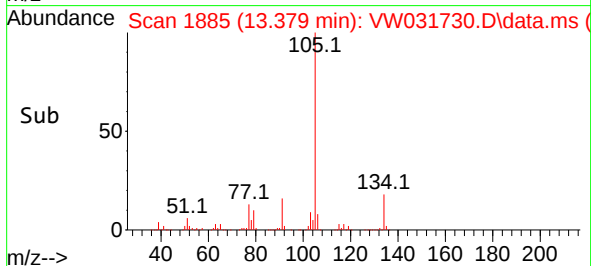
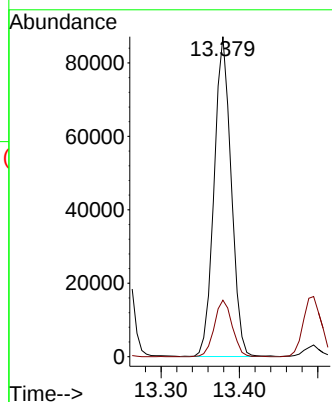


#85
 sec-Butylbenzene
 Concen: 9.578 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Instrument :
 MSVOA_W
 ClientSampleId :

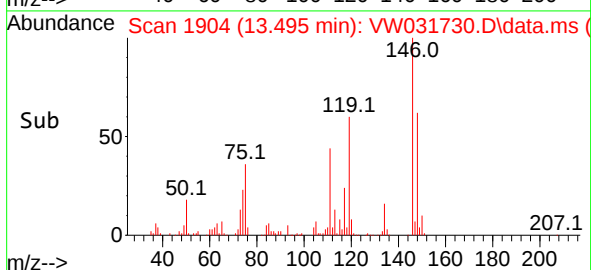
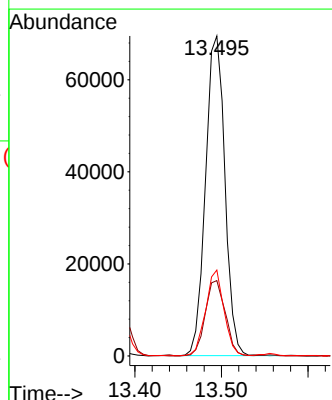
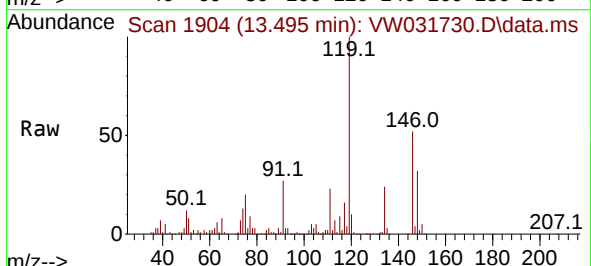


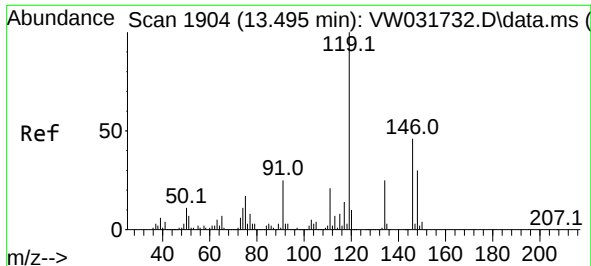
Tgt Ion:105 Resp: 132016
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 9.490 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031730.D
 Acq: 30 Jun 2025 10:15

Tgt Ion:119 Resp: 107805
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.9 38.7
 91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 10.021 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

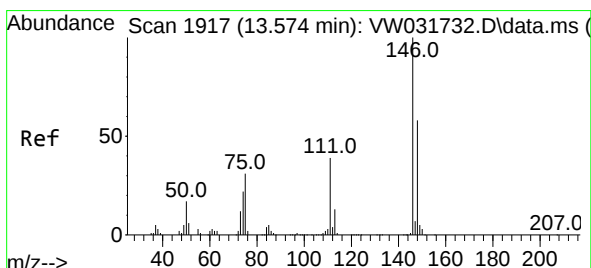
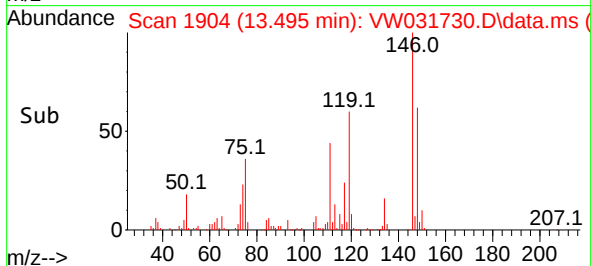
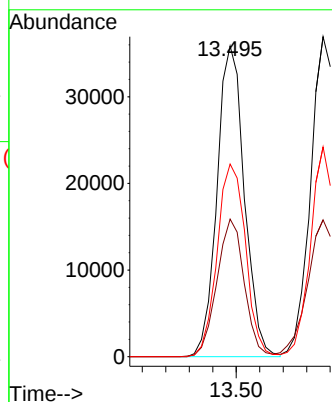
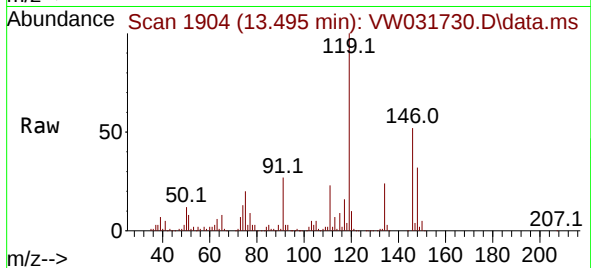
Tgt Ion:146 Resp: 58049

Ion Ratio Lower Upper

146 100

111 44.2 22.3 66.9

148 64.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 10.051 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

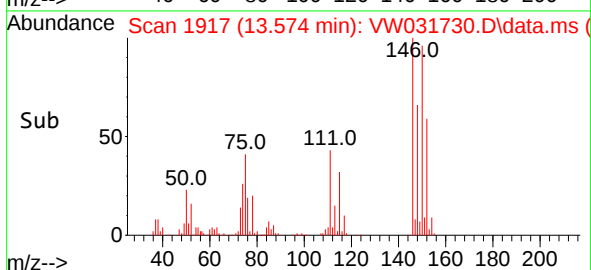
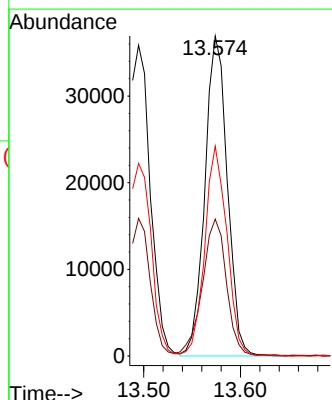
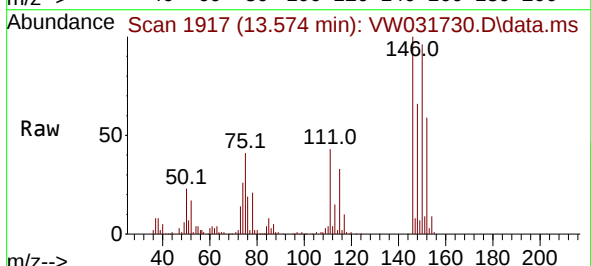
Tgt Ion:146 Resp: 59597

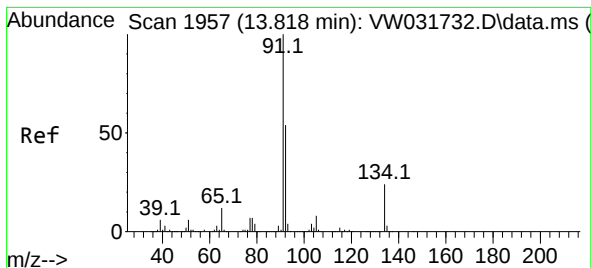
Ion Ratio Lower Upper

146 100

111 46.2 20.4 61.3

148 64.0 30.2 90.6





#89

n-Butylbenzene

Concen: 9.597 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

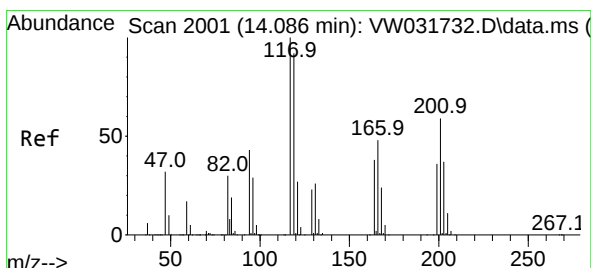
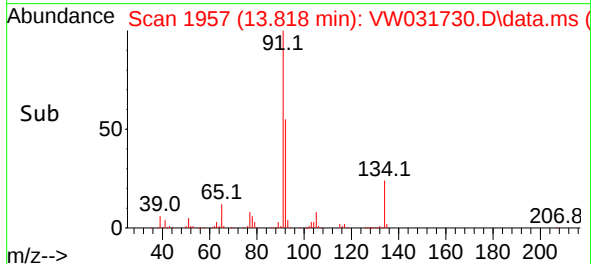
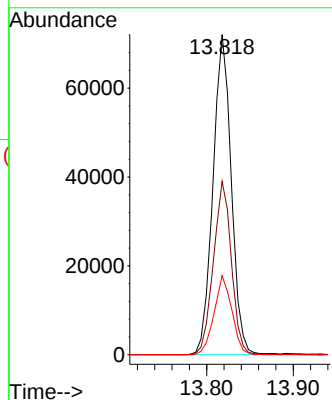
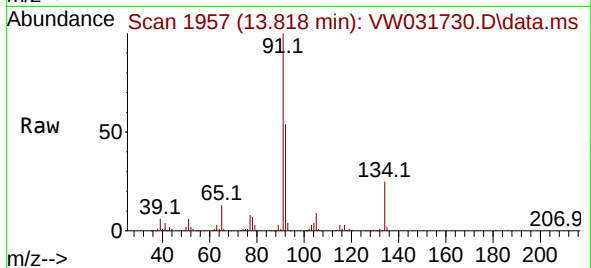
Tgt Ion: 91 Resp: 105923

Ion Ratio Lower Upper

91 100

92 53.2 27.2 81.5

134 23.9 12.2 36.6



#90

Hexachloroethane

Concen: 9.420 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031730.D

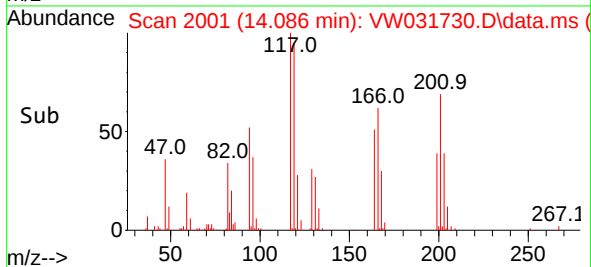
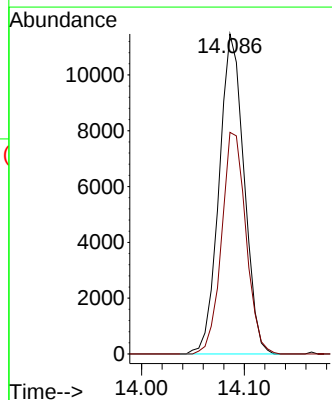
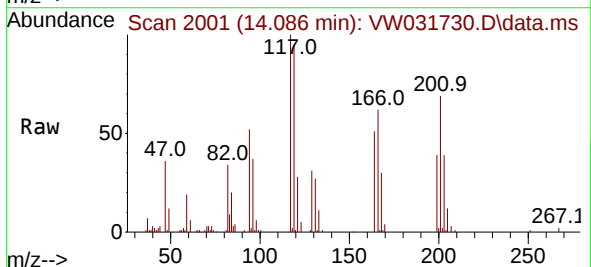
Acq: 30 Jun 2025 10:15

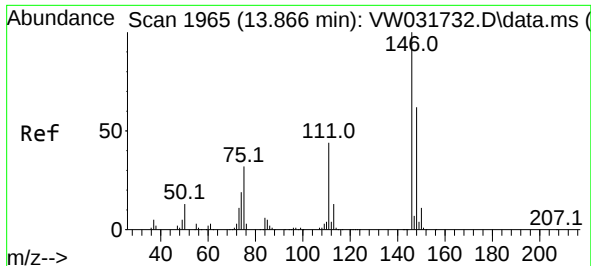
Tgt Ion: 117 Resp: 19306

Ion Ratio Lower Upper

117 100

201 67.7 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 9.761 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031730.D

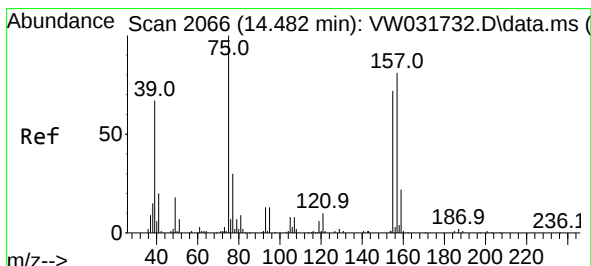
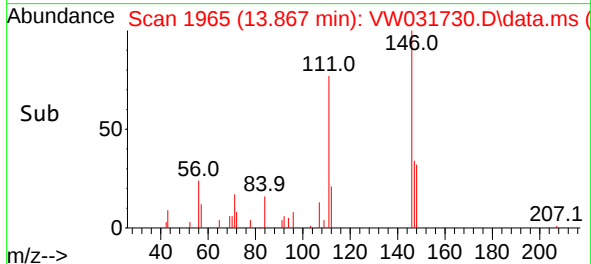
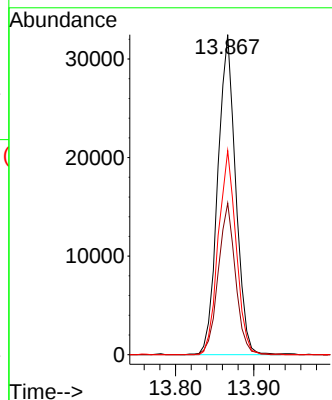
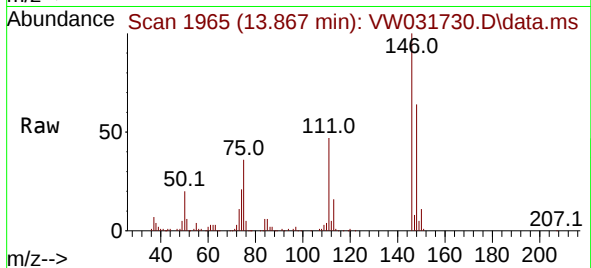
Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	51680
Ion Ratio	Lower	Upper
146	100	
111	45.5	21.7 65.1
148	63.3	29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.634 ug/l

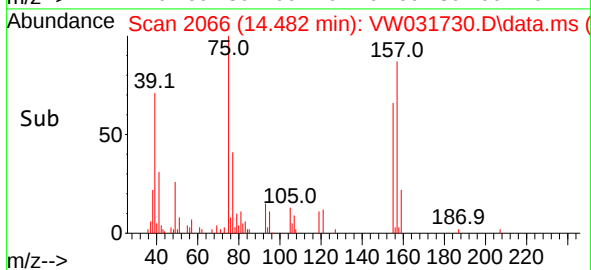
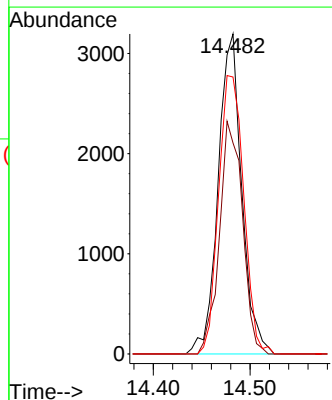
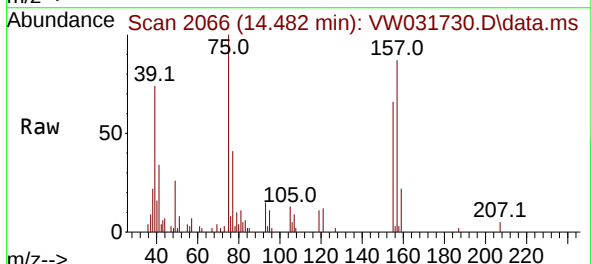
RT: 14.482 min Scan# 2066

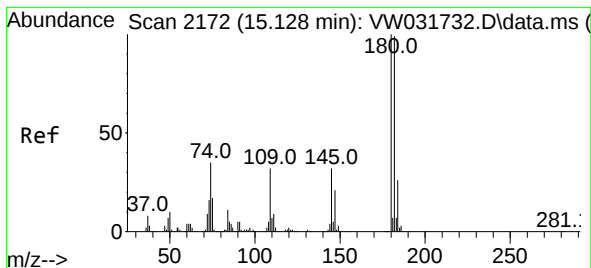
Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion: 75	Resp:	5409
Ion Ratio	Lower	Upper
75	100	
155	70.9	37.2 111.6
157	92.6	45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 9.371 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

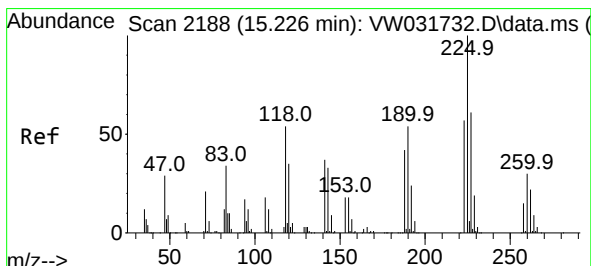
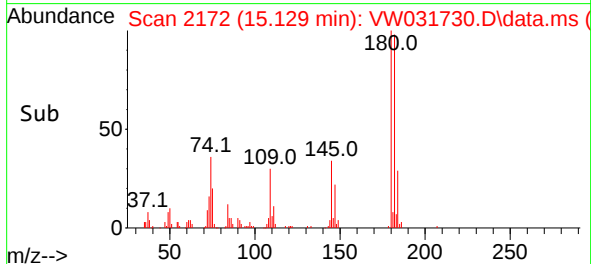
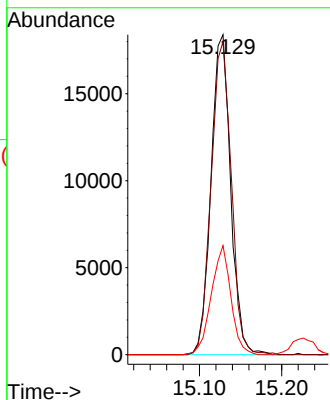
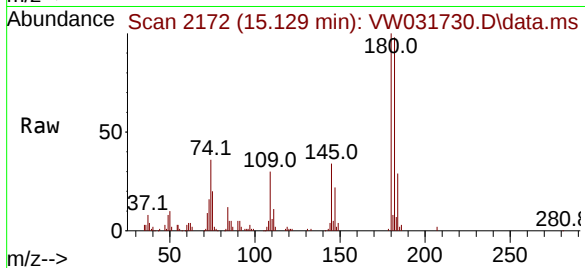
Tgt Ion:180 Resp: 30599

Ion Ratio Lower Upper

180 100

182 100.0 48.6 145.9

145 33.9 17.3 51.7



#94

Hexachlorobutadiene

Concen: 10.136 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

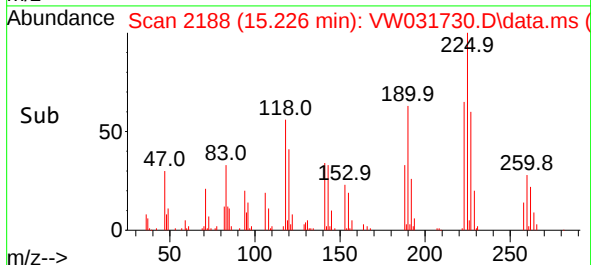
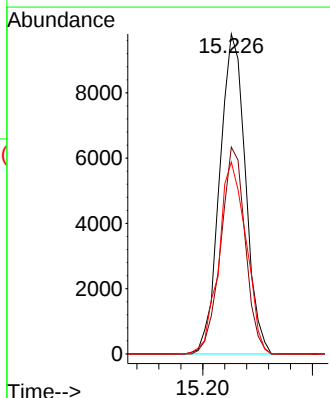
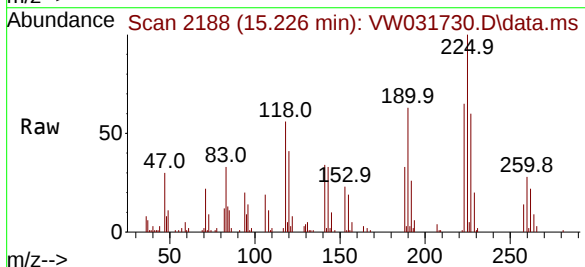
Tgt Ion:225 Resp: 15982

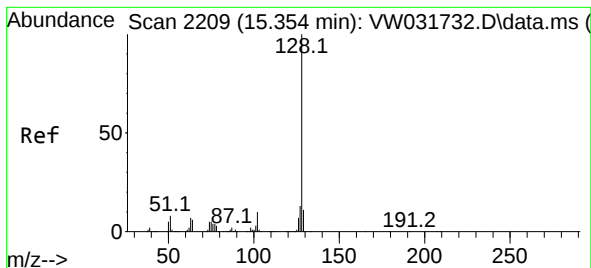
Ion Ratio Lower Upper

225 100

223 61.5 32.6 97.8

227 63.7 37.3 111.8





#95

Naphthalene

Concen: 8.964 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

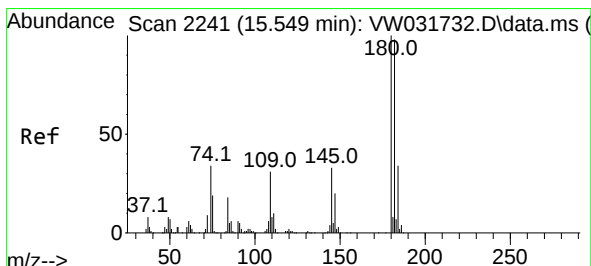
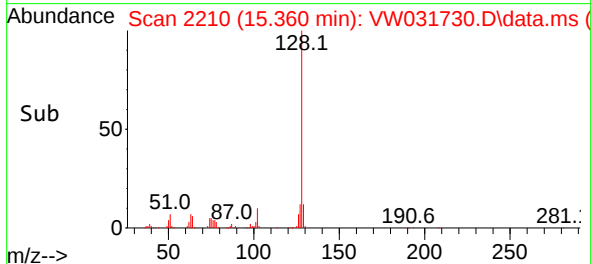
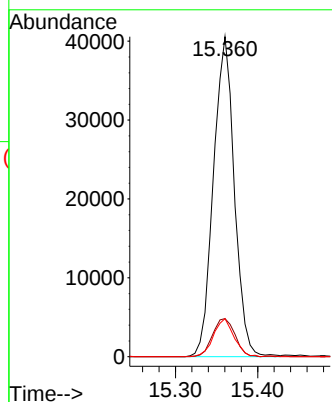
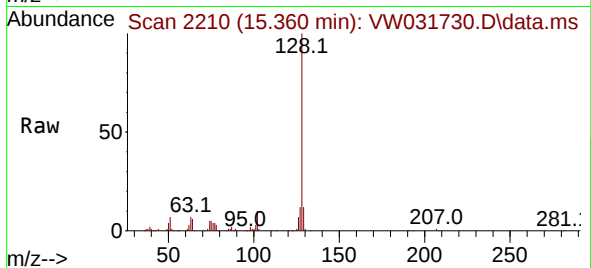
Tgt Ion:128 Resp: 71758

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.823 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031730.D

Acq: 30 Jun 2025 10:15

Tgt Ion:180 Resp: 29473

Ion Ratio Lower Upper

180 100

182 90.8 46.4 139.1

145 35.3 17.8 53.3

