

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031819.D
 Acq On : 11 Jul 2025 14:48
 Operator : SY/MD
 Sample : VW0711SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	205659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	347490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	156458	53.011	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.020%	
35) Dibromofluoromethane	7.898	113	132334	52.082	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.160%	
50) Toluene-d8	10.325	98	494544	52.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.617	95	186758	53.671	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 107.340%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	29328	20.939	ug/l 96
3) Chloromethane	2.259	50	35607	21.087	ug/l 97
4) Vinyl Chloride	2.406	62	47803	21.538	ug/l 98
5) Bromomethane	2.820	94	35313	20.370	ug/l 93
6) Chloroethane	2.972	64	30651	20.331	ug/l 96
7) Trichlorofluoromethane	3.302	101	34049	16.893	ug/l 100
8) Diethyl Ether	3.722	74	33633	21.959	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50029	22.362	ug/l 97
10) Methyl Iodide	4.302	142	69319	20.098	ug/l 99
11) Tert butyl alcohol	5.228	59	17229	94.225	ug/l 98
12) 1,1-Dichloroethene	4.082	96	53280	21.742	ug/l 88
13) Acrolein	3.930	56	23931	72.818	ug/l 92
14) Allyl chloride	4.698	41	76582	20.368	ug/l 98
15) Acrylonitrile	5.399	53	75719	100.532	ug/l 98
16) Acetone	4.161	43	70707	96.925	ug/l 100
17) Carbon Disulfide	4.423	76	128817	19.644	ug/l 97
18) Methyl Acetate	4.704	43	40843	19.590	ug/l 100
19) Methyl tert-butyl Ether	5.466	73	88720	21.330	ug/l 98
20) Methylene Chloride	4.954	84	95453	30.819	ug/l 95
21) trans-1,2-Dichloroethene	5.454	96	55893	21.465	ug/l 91
22) Diisopropyl ether	6.344	45	168489	22.977	ug/l 96
23) Vinyl Acetate	6.283	43	538839	107.580	ug/l 99
24) 1,1-Dichloroethane	6.246	63	106746	22.453	ug/l 98
25) 2-Butanone	7.191	43	97631	102.871	ug/l 96
26) 2,2-Dichloropropane	7.185	77	53389	19.248	ug/l 97
27) cis-1,2-Dichloroethene	7.197	96	65344	21.831	ug/l 99
28) Bromochloromethane	7.533	49	48646	23.187	ug/l 97
29) Tetrahydrofuran	7.557	42	65311	100.487	ug/l 99
30) Chloroform	7.691	83	114861	22.737	ug/l 97
31) Cyclohexane	7.972	56	90469	21.528	ug/l 95
32) 1,1,1-Trichloroethane	7.892	97	82525	21.198	ug/l 99
36) 1,1-Dichloropropene	8.100	75	77041	20.953	ug/l 99
37) Ethyl Acetate	7.277	43	45895	19.788	ug/l 98
38) Carbon Tetrachloride	8.081	117	74192	19.802	ug/l 97
39) Methylcyclohexane	9.343	83	91283	19.955	ug/l 93
40) Benzene	8.337	78	239548	22.021	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27584	22.201	ug/l	94
42) 1,2-Dichloroethane	8.411	62	78460	21.346	ug/l	100
43) Isopropyl Acetate	8.435	43	79433	19.868	ug/l	99
44) Trichloroethene	9.099	130	56517	20.816	ug/l	91
45) 1,2-Dichloropropane	9.374	63	57439	21.848	ug/l	98
46) Dibromomethane	9.465	93	35464	20.894	ug/l	97
47) Bromodichloromethane	9.648	83	83707	21.031	ug/l	98
48) Methyl methacrylate	9.441	41	37596	19.124	ug/l	95
49) 1,4-Dioxane	9.465	88	7419	373.198	ug/l #	77
51) 4-Methyl-2-Pentanone	10.215	43	232099	100.976	ug/l	98
52) Toluene	10.392	92	149493	21.464	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	77058	20.634	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	88830	20.982	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	48309	21.728	ug/l	96
56) Ethyl methacrylate	10.648	69	63614	21.089	ug/l	99
57) 1,3-Dichloropropane	10.934	76	81878	20.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	171086	103.003	ug/l	98
59) 2-Hexanone	10.971	43	158999	102.080	ug/l	99
60) Dibromochloromethane	11.130	129	54006	20.312	ug/l	99
61) 1,2-Dibromoethane	11.233	107	46803	21.027	ug/l	99
64) Tetrachloroethene	10.867	164	45546	20.038	ug/l	94
65) Chlorobenzene	11.654	112	160421	20.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	52530	21.501	ug/l	95
67) Ethyl Benzene	11.733	91	282227	21.229	ug/l	95
68) m/p-Xylenes	11.837	106	214642	41.999	ug/l	99
69) o-Xylene	12.166	106	102240	21.607	ug/l	94
70) Styrene	12.178	104	178967	21.878	ug/l	100
71) Bromoform	12.349	173	26713	18.328	ug/l #	98
73) Isopropylbenzene	12.459	105	264674	20.053	ug/l	99
74) N-amyl acetate	12.270	43	71480	20.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	58177	19.854	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	73069	32.587	ug/l	45
77) Bromobenzene	12.745	156	62256	21.149	ug/l	85
78) n-propylbenzene	12.800	91	325111	20.570	ug/l	99
79) 2-Chlorotoluene	12.891	91	199845	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	227106	20.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	16126	16.751	ug/l #	85
82) 4-Chlorotoluene	12.989	91	210042	21.021	ug/l	97
83) tert-Butylbenzene	13.202	119	190050	20.308	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	228913	20.680	ug/l	98
85) sec-Butylbenzene	13.379	105	291806	20.774	ug/l	98
86) p-Isopropyltoluene	13.495	119	238607	20.612	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	121197	20.530	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	119007	19.695	ug/l	93
89) n-Butylbenzene	13.818	91	229026	20.362	ug/l	98
90) Hexachloroethane	14.086	117	40394	19.341	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	110620	20.501	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	10351	18.092	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	58475	17.572	ug/l	94
94) Hexachlorobutadiene	15.226	225	27084	16.855	ug/l	92
95) Naphthalene	15.354	128	150281	18.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	55925	18.290	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

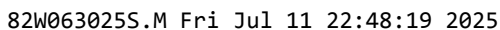
Instrument :
MSVOA_W
ClientSampleId :

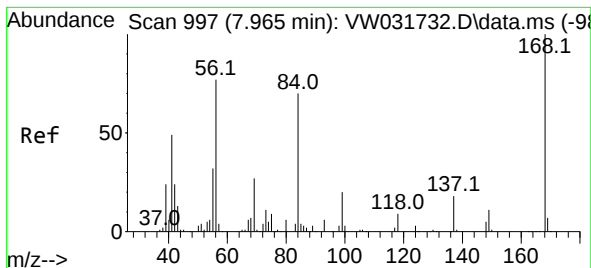
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

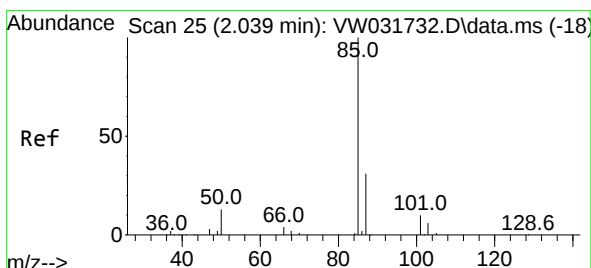
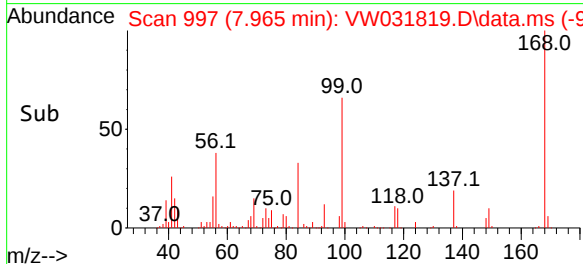
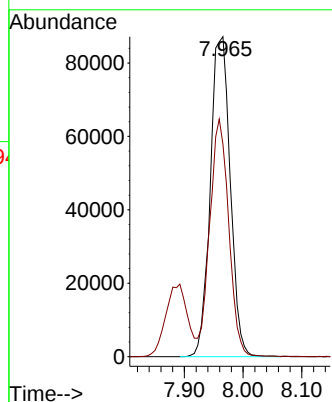
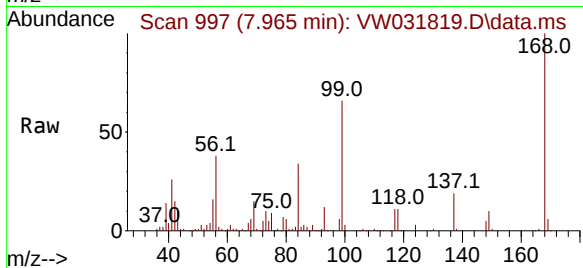
ClientSampleId :

Tgt Ion:168 Resp: 205659

Ion Ratio Lower Upper

168 100

99 66.4 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 20.939 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.007 min

Lab File: VW031819.D

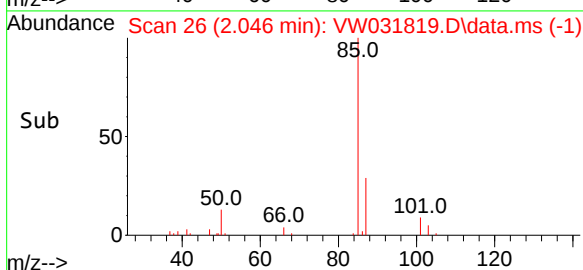
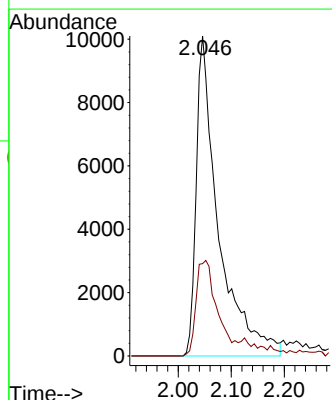
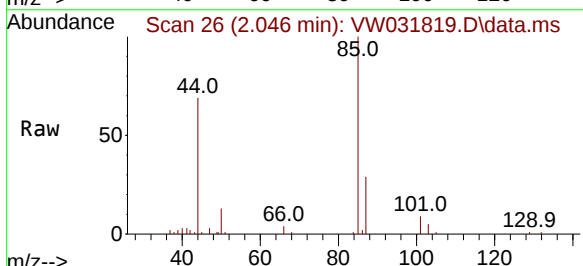
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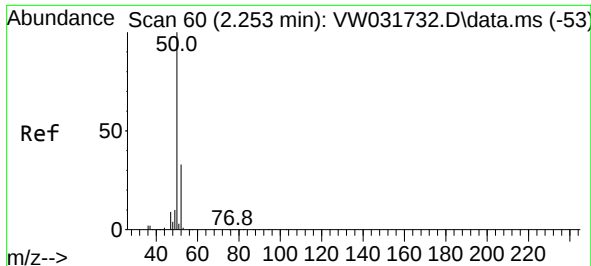
Tgt Ion: 85 Resp: 29328

Ion Ratio Lower Upper

85 100

87 28.8 15.4 46.2

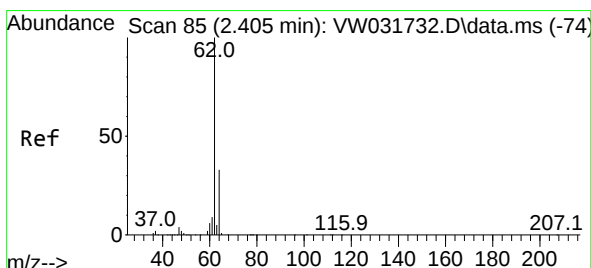
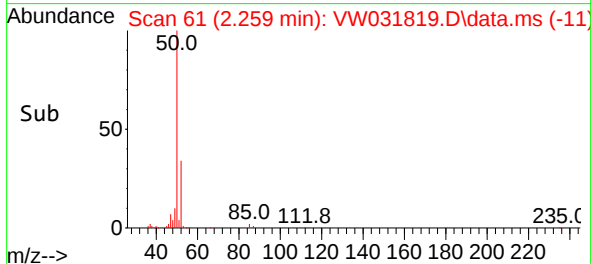
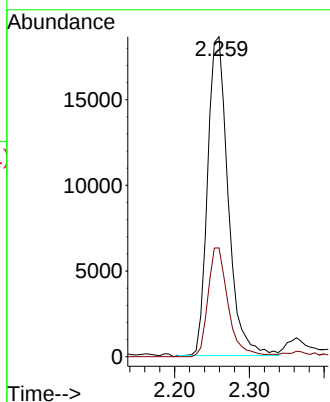
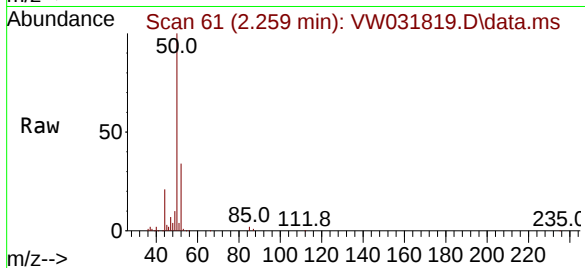




#3
Chloromethane
Concen: 21.087 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

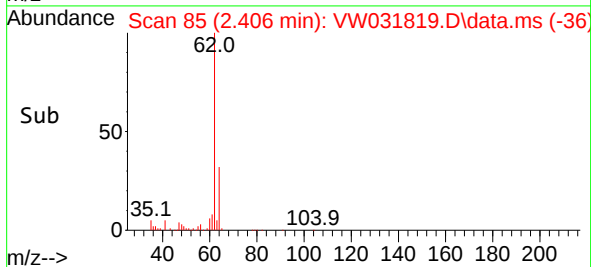
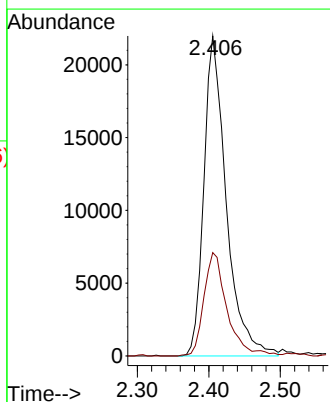
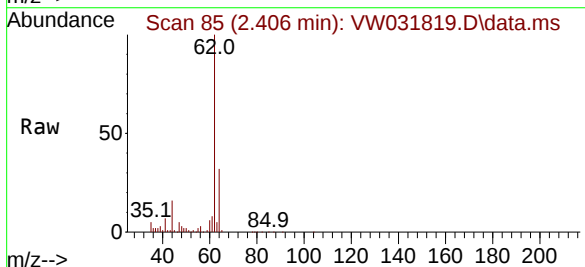
Instrument :
MSVOA_W
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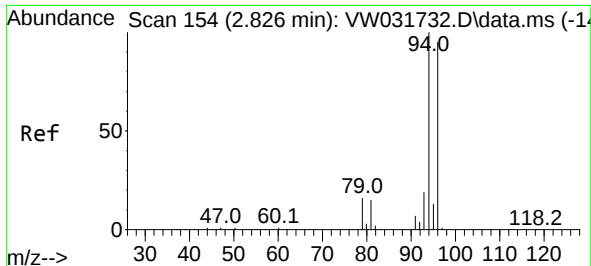
Tgt Ion: 50 Resp: 35607
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.2



#4
Vinyl Chloride
Concen: 21.538 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 62 Resp: 47803
Ion Ratio Lower Upper
62 100
64 32.3 26.8 40.2

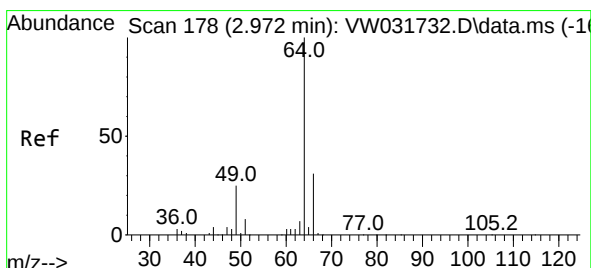
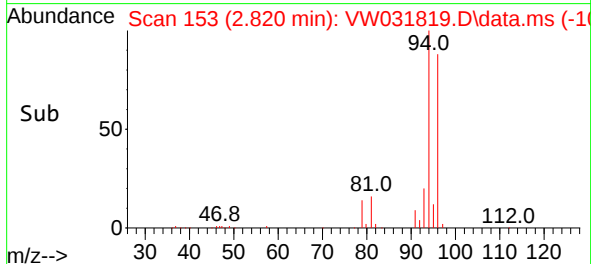
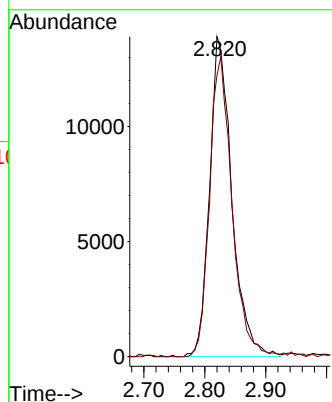
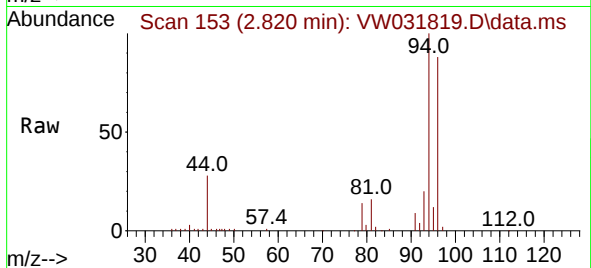




#5
Bromomethane
Concen: 20.370 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

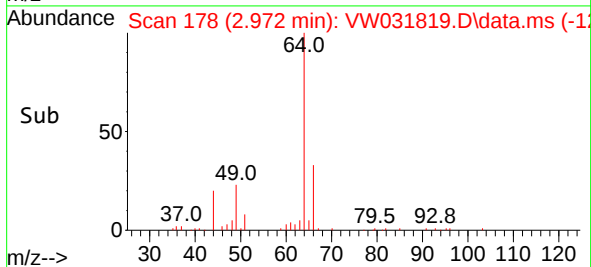
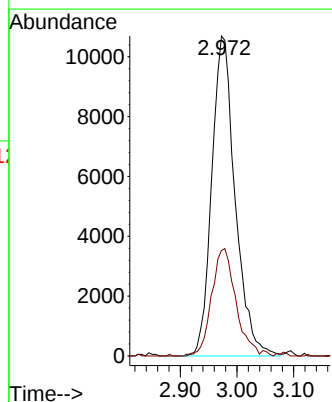
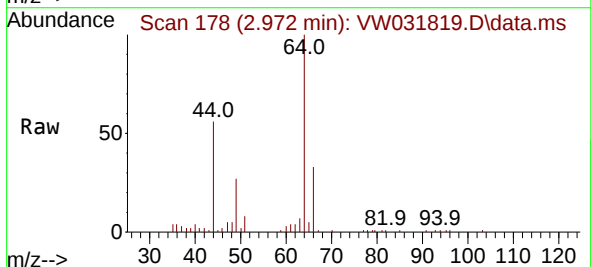
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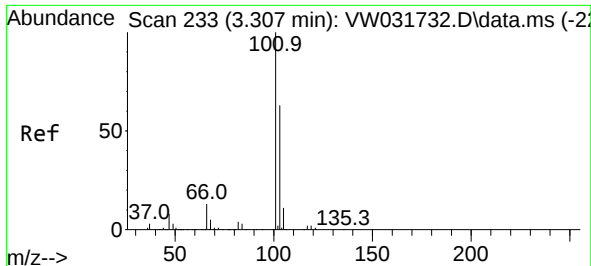
Tgt Ion: 94 Resp: 35313
Ion Ratio Lower Upper
94 100
96 88.0 75.6 113.4



#6
Chloroethane
Concen: 20.331 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 64 Resp: 30651
Ion Ratio Lower Upper
64 100
66 33.0 24.5 36.7

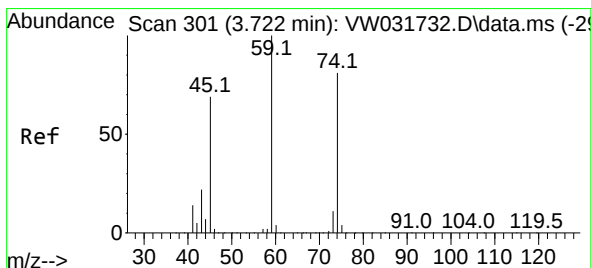
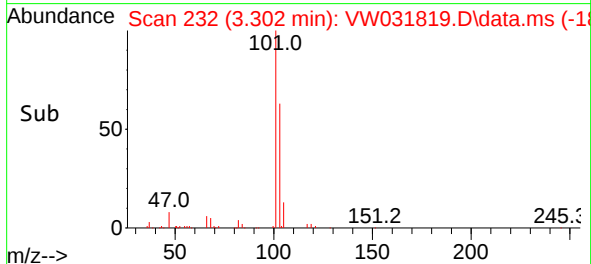
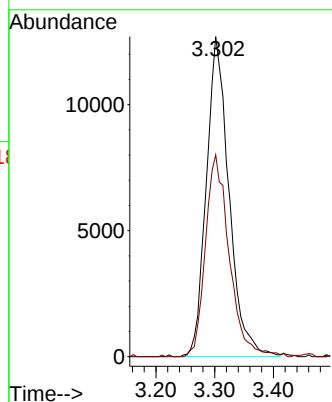
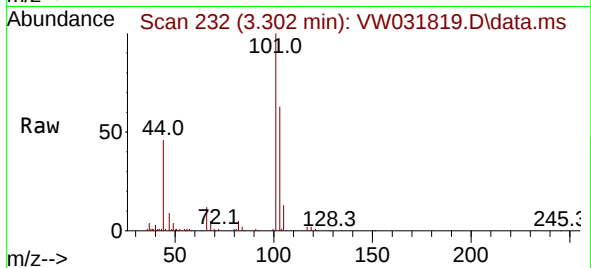




#7
 Trichlorofluoromethane
 Concen: 16.893 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

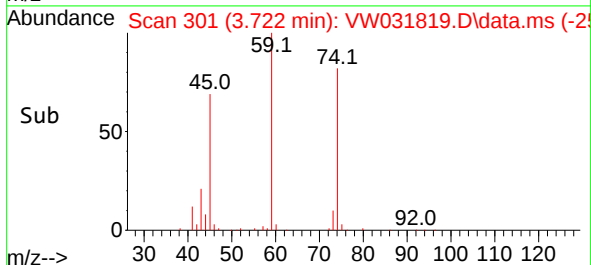
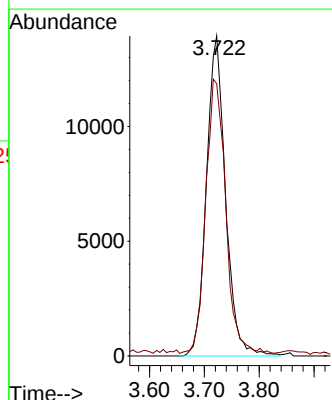
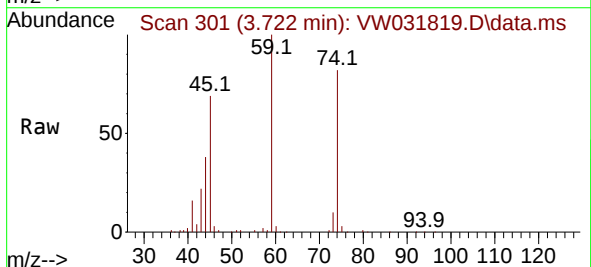
Instrument :
 MSVOA_W
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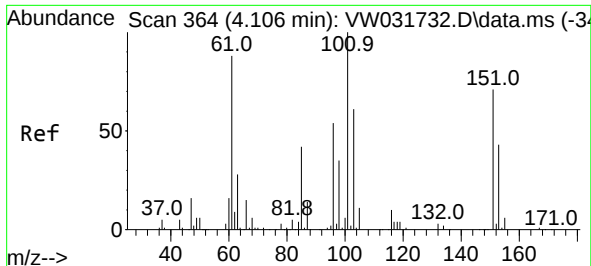
Tgt Ion:101 Resp: 34049
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.959 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

Tgt Ion: 74 Resp: 33633
 Ion Ratio Lower Upper
 74 100
 45 89.2 43.9 131.7

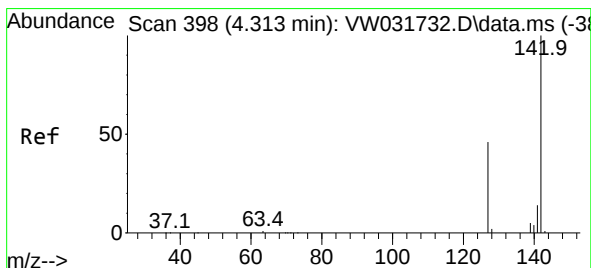
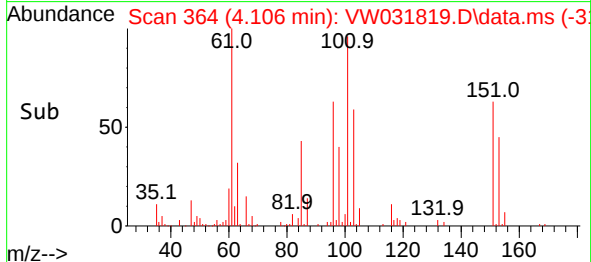
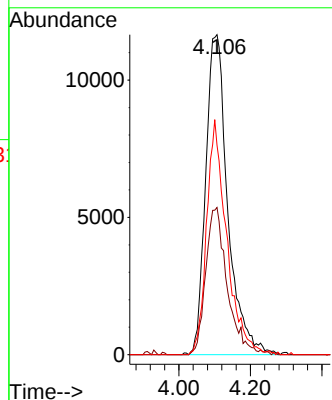
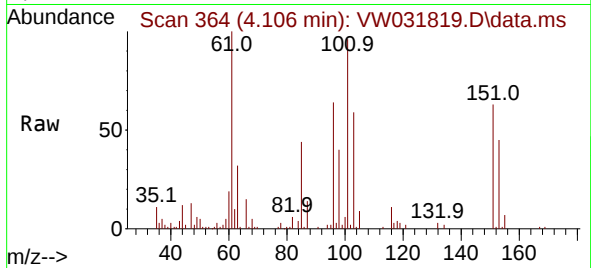




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.362 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW031819.D
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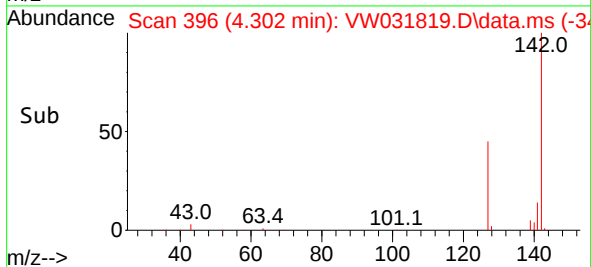
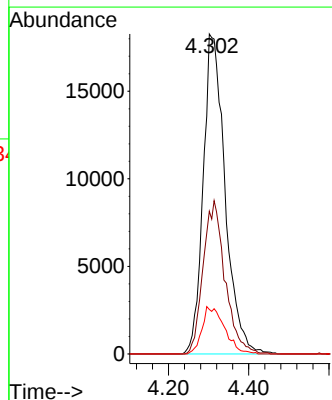
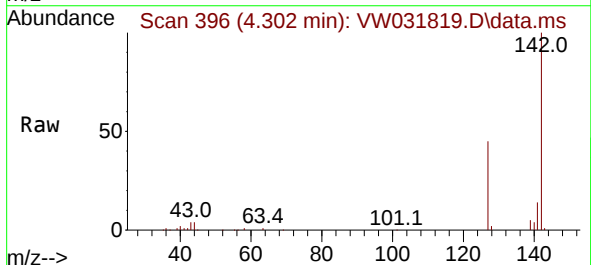
Instrument :
MSVOA_W
ClientSampleId :

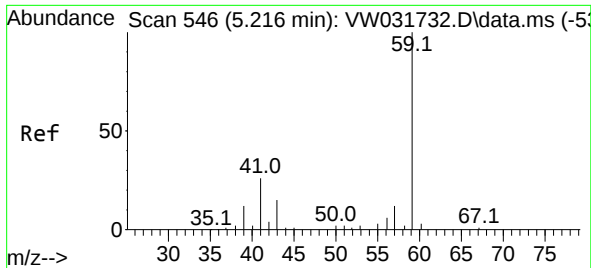
Tgt Ion:101 Resp: 50029
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 66.6 56.8 85.2



#10
Methyl Iodide
Concen: 20.098 ug/l
RT: 4.302 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:142 Resp: 69319
Ion Ratio Lower Upper
142 100
127 47.8 37.9 56.9
141 15.2 11.7 17.5

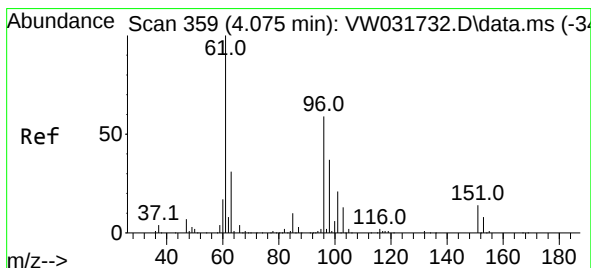
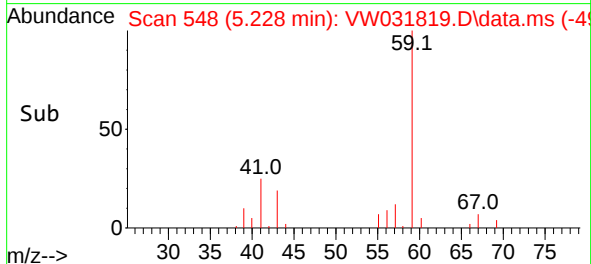
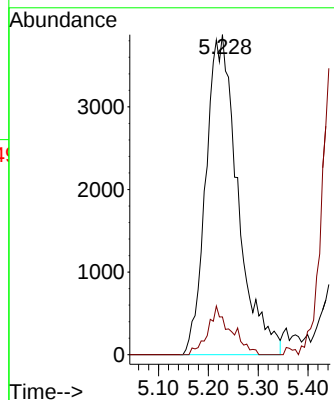
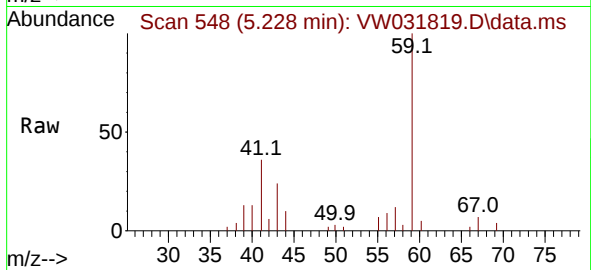




#11
Tert butyl alcohol
Concen: 94.225 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.013 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

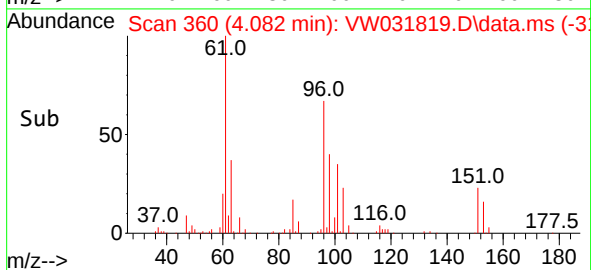
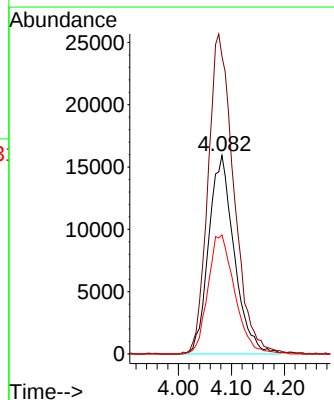
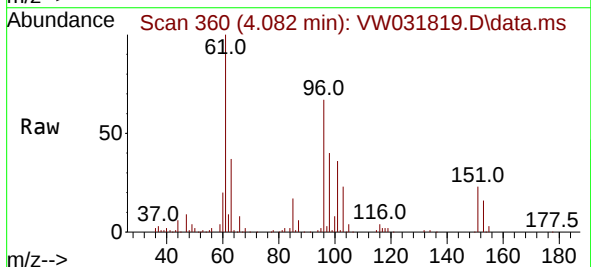
Instrument :
MSVOA_W
ClientSampleId :

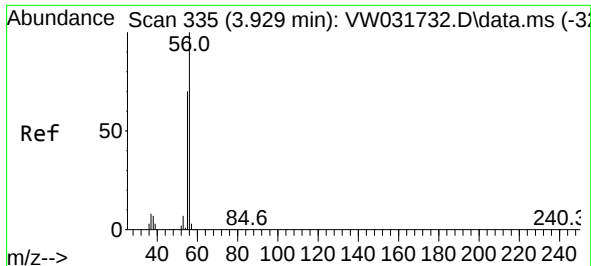
Tgt Ion: 59 Resp: 17229
Ion Ratio Lower Upper
59 100
57 11.0 9.5 14.3



#12
1,1-Dichloroethene
Concen: 21.742 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

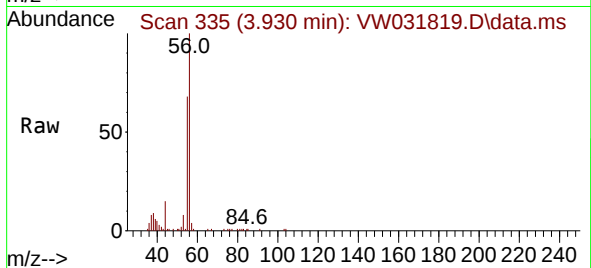
Tgt Ion: 96 Resp: 53280
Ion Ratio Lower Upper
96 100
61 149.9 135.8 203.8
98 60.0 50.4 75.6



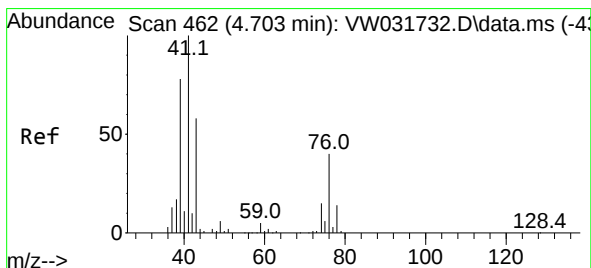
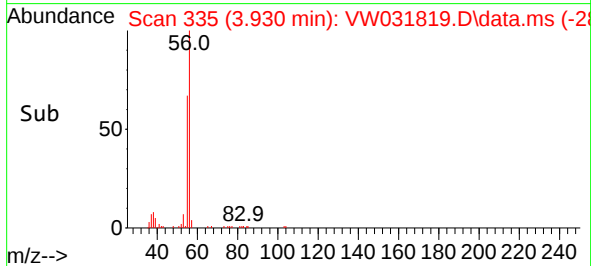
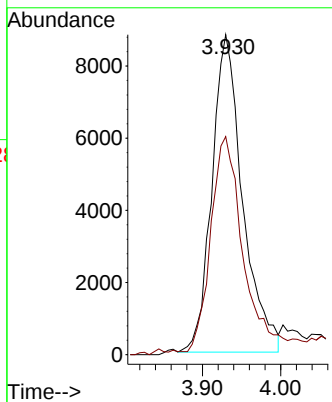


#13
Acrolein
Concen: 72.818 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Instrument :
MSVOA_W
ClientSampleId :

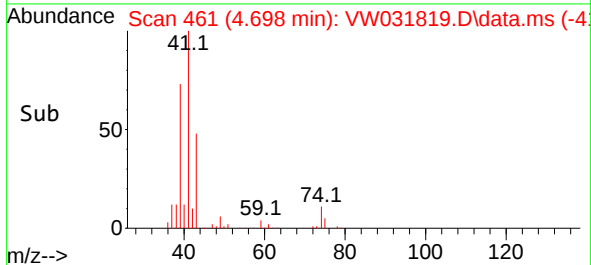
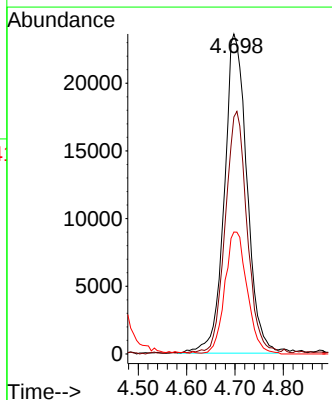
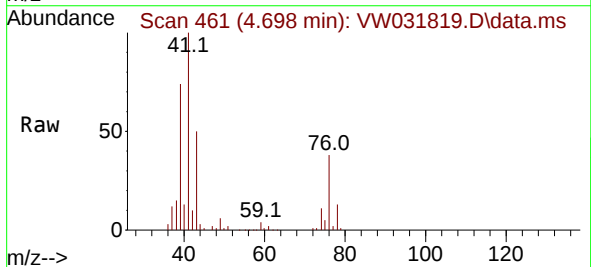


Tgt Ion: 56 Resp: 23931
Ion Ratio Lower Upper
56 100
55 73.8 54.0 81.0



#14
Allyl chloride
Concen: 20.368 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

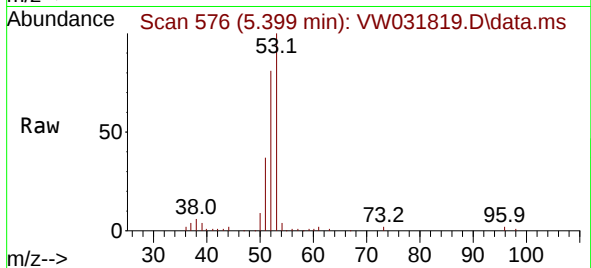
Tgt Ion: 41 Resp: 76582
Ion Ratio Lower Upper
41 100
39 73.3 60.7 91.1
76 37.8 30.3 45.5



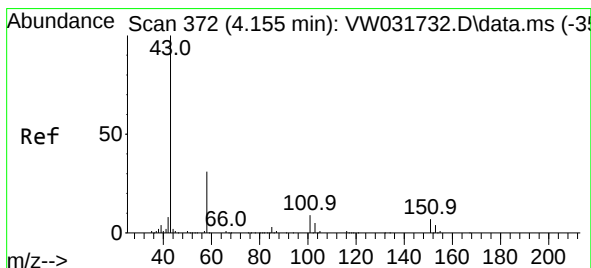
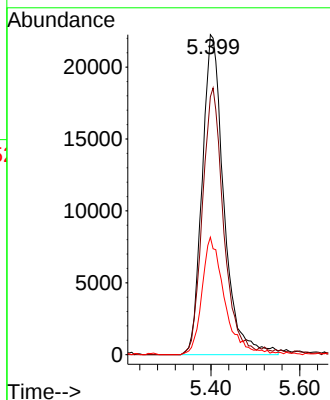
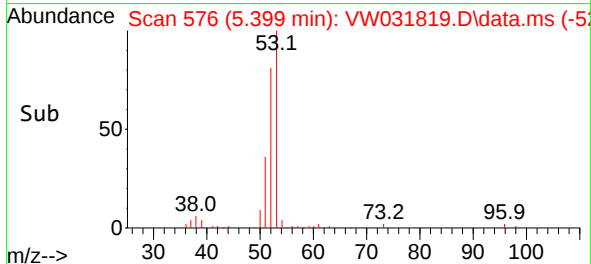


#15
Acrylonitrile
Concen: 100.532 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Instrument :
MSVOA_W
ClientSampleId :

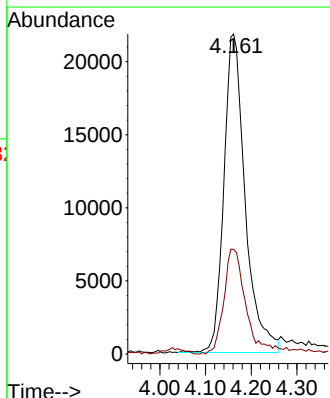
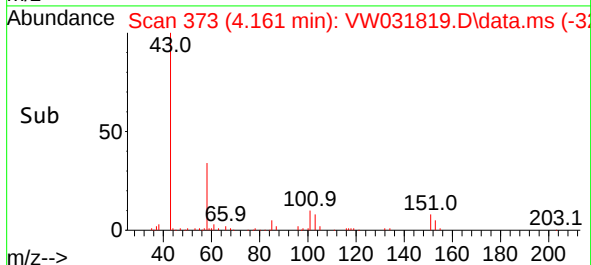
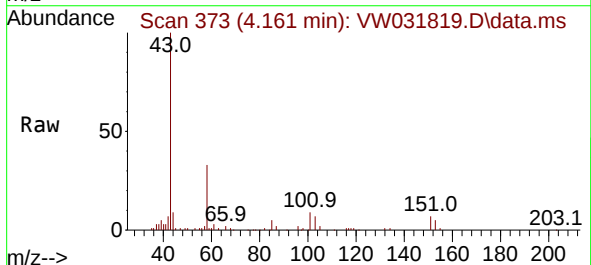


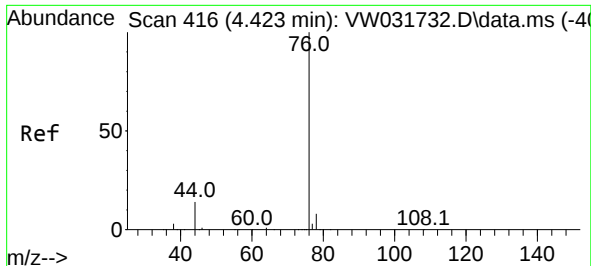
Tgt Ion: 53 Resp: 75719
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 38.1 29.9 44.9



#16
Acetone
Concen: 96.925 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 43 Resp: 70707
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2

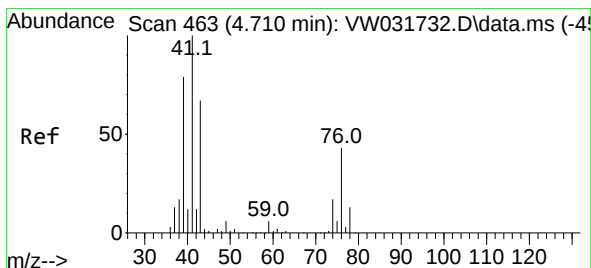
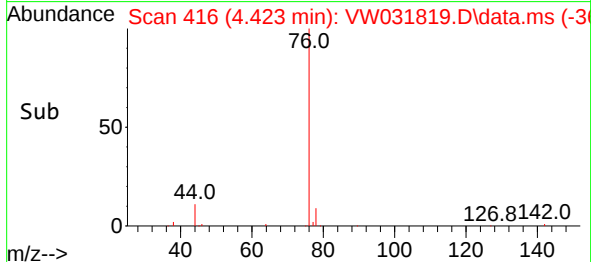
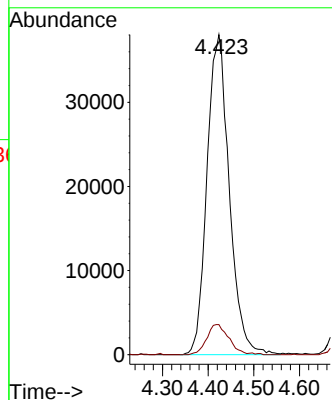
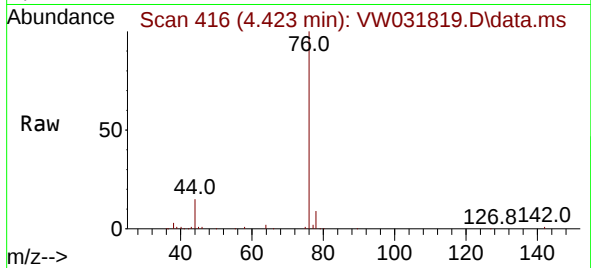




#17
Carbon Disulfide
Concen: 19.644 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

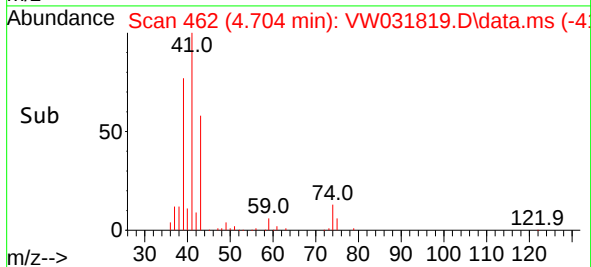
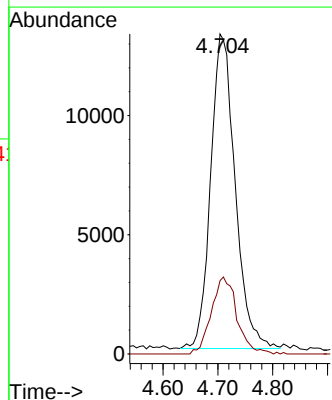
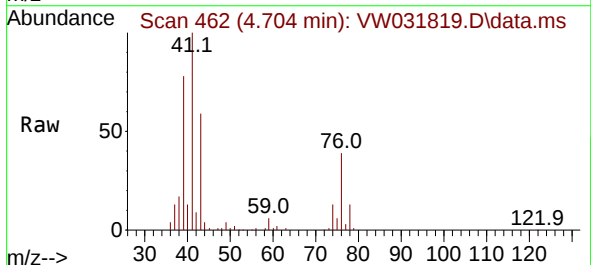
Instrument :
MSVOA_W
ClientSampleId :

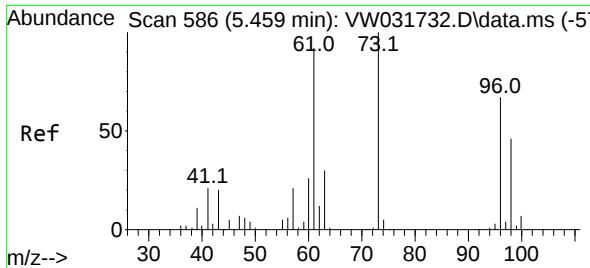
Tgt Ion: 76 Resp: 128817
Ion Ratio Lower Upper
76 100
78 9.4 6.6 10.0



#18
Methyl Acetate
Concen: 19.590 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 43 Resp: 40843
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

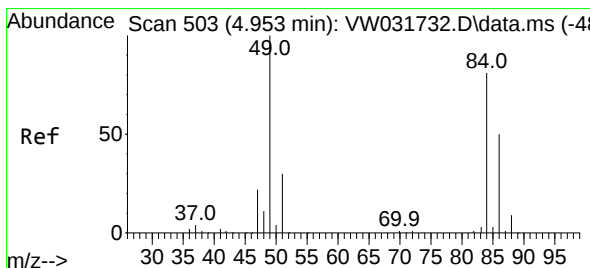
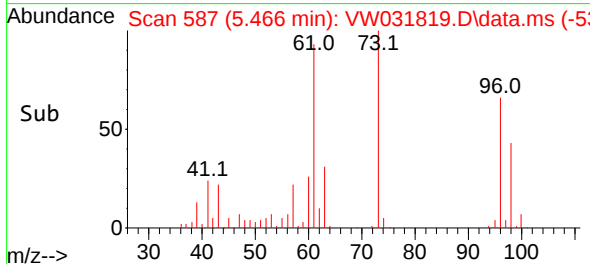
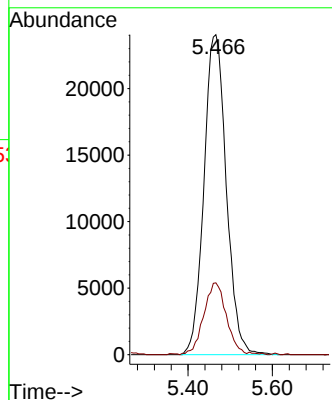
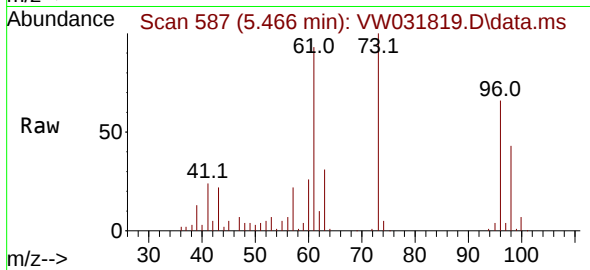




#19
Methyl tert-butyl Ether
Concen: 21.330 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

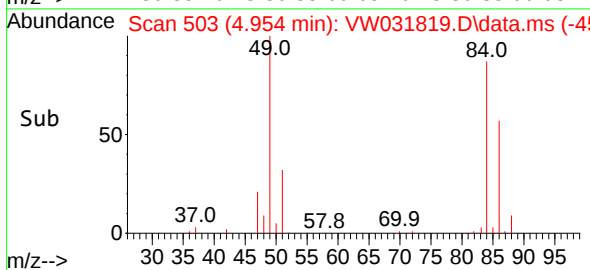
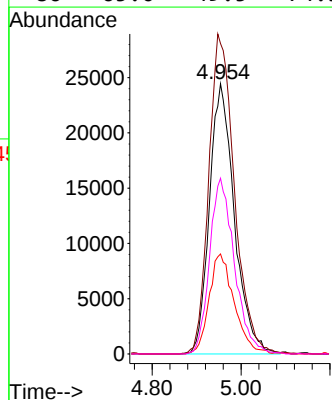
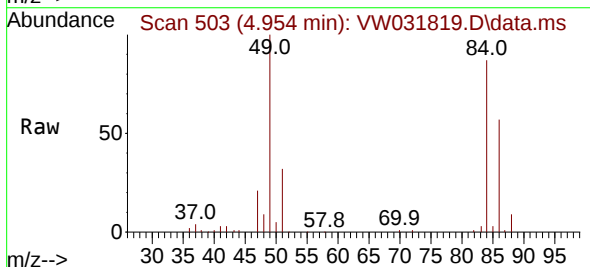
Instrument :
MSVOA_W
ClientSampleId :

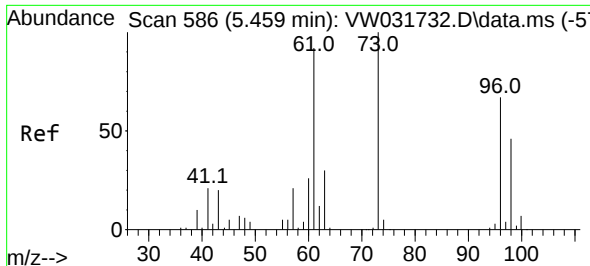
Tgt Ion: 73 Resp: 88720
Ion Ratio Lower Upper
73 100
57 22.4 17.2 25.8



#20
Methylene Chloride
Concen: 30.819 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 84 Resp: 95453
Ion Ratio Lower Upper
84 100
49 114.9 98.2 147.4
51 37.0 29.8 44.8
86 65.0 49.5 74.3

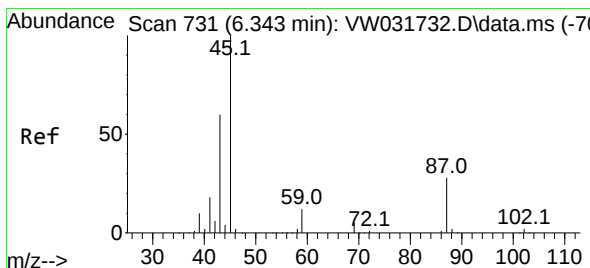
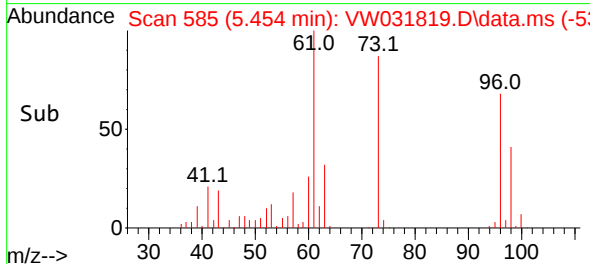
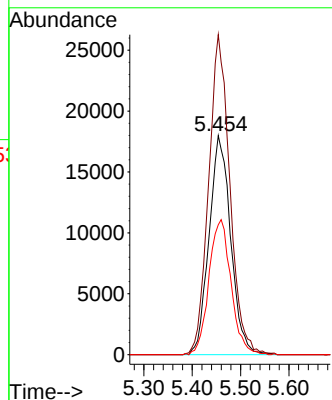
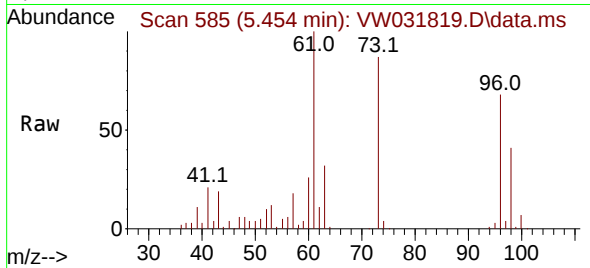




#21
trans-1,2-Dichloroethene
Concen: 21.465 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

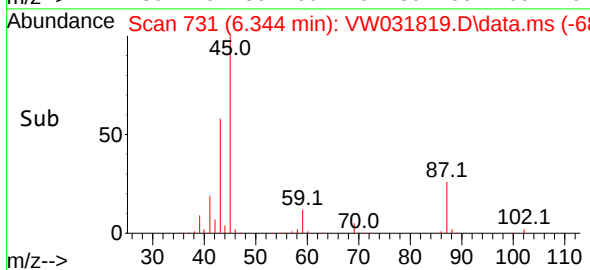
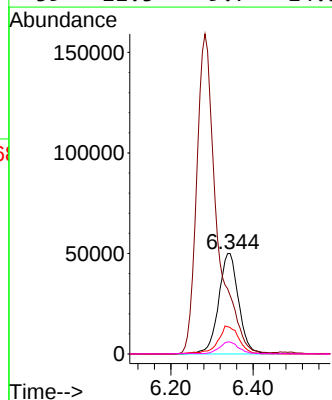
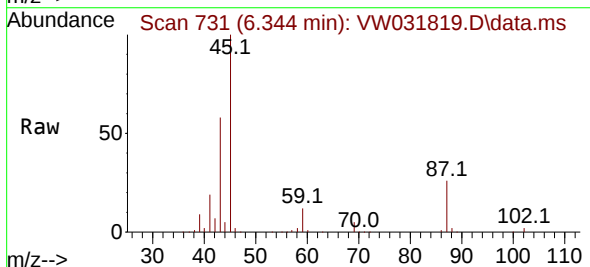
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96	Resp: 55893
Ion Ratio	Lower Upper
96 100	
61 146.1	109.8 164.6
98 59.3	54.9 82.3



#22
Diisopropyl ether
Concen: 22.977 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

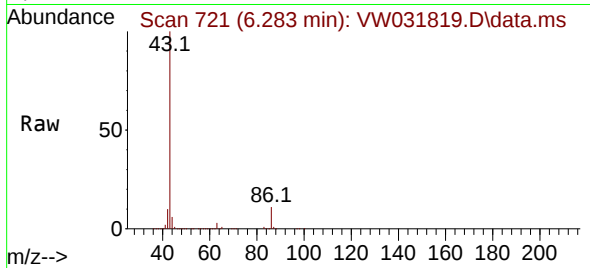
Tgt	Ion: 45	Resp: 168489	
Ion	Ratio	Lower	Upper
45	100		
43	57.7	48.3	72.5
87	26.1	22.6	34.0
59	11.5	9.7	14.5



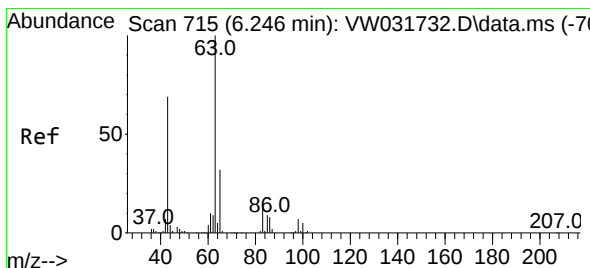
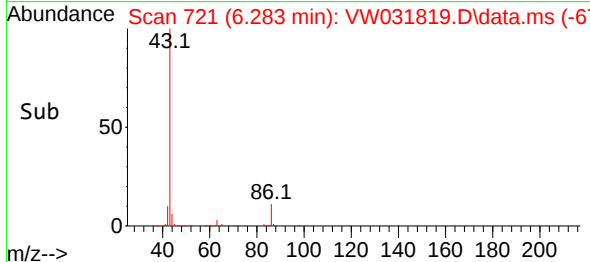
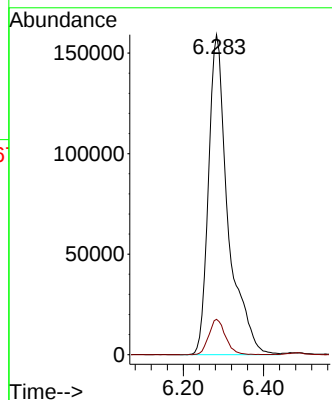


#23
 Vinyl Acetate
 Concen: 107.580 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

Instrument :
 MSVOA_W
 ClientSampleId :

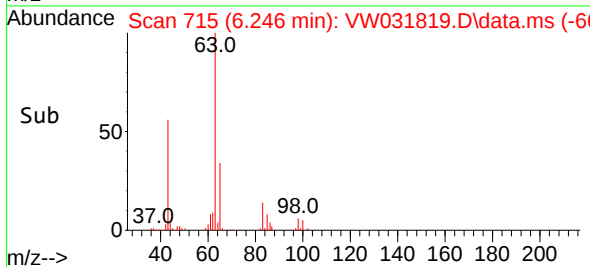
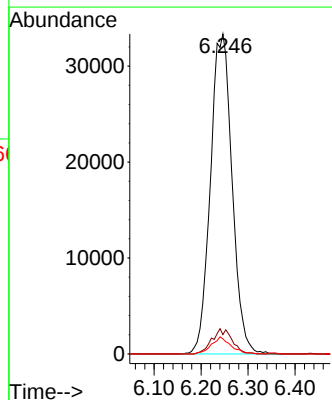
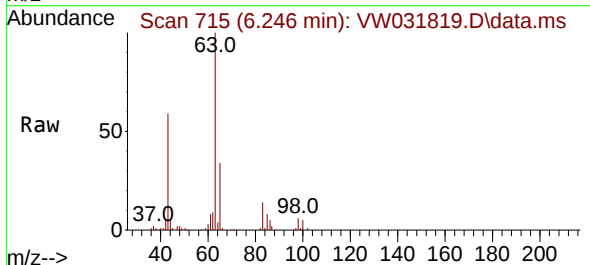


Tgt Ion: 43 Resp: 538839
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.453 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

Tgt Ion: 63 Resp: 106746
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.7 2.5 7.5

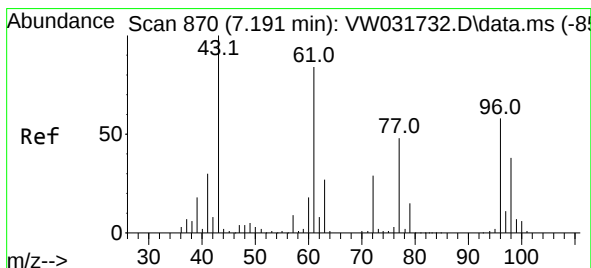
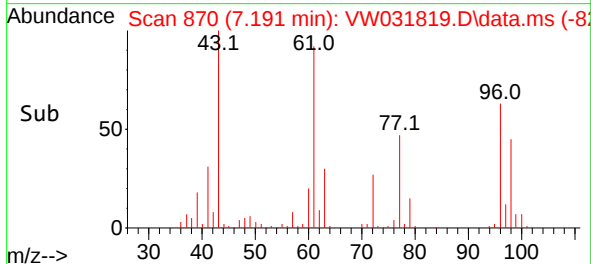
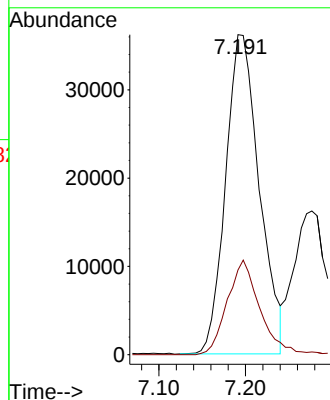
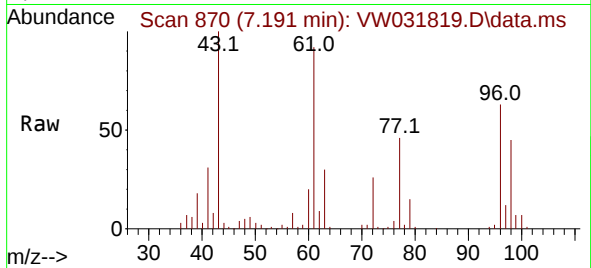




#25
2-Butanone
Concen: 102.871 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

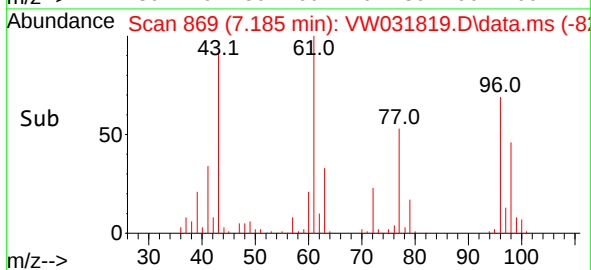
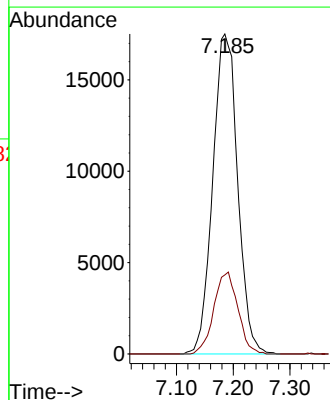
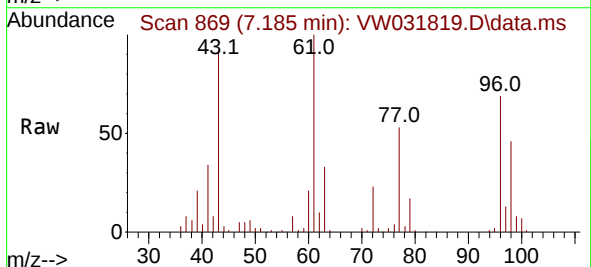
Instrument :
MSVOA_W
ClientSampleId :

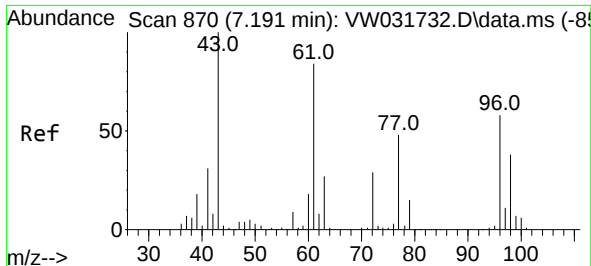
Tgt Ion: 43 Resp: 97631
Ion Ratio Lower Upper
43 100
72 26.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 19.248 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 77 Resp: 53389
Ion Ratio Lower Upper
77 100
97 24.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.831 ug/l

RT: 7.197 min Scan# 871

Delta R.T. 0.007 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

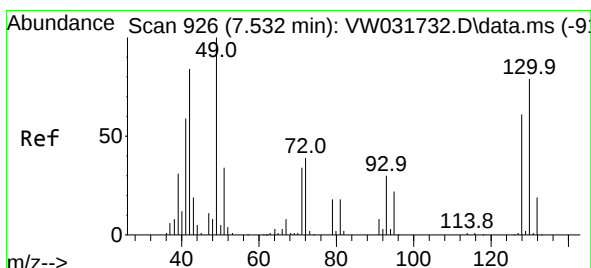
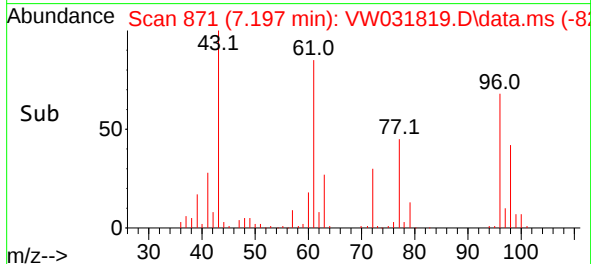
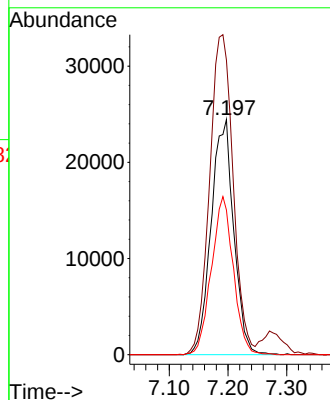
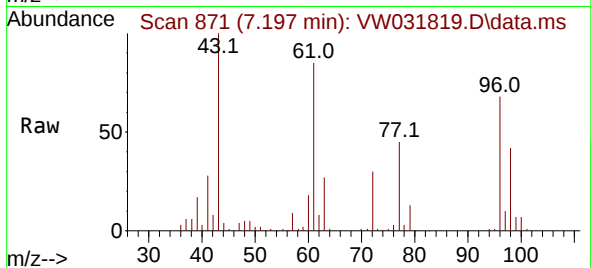
Tgt Ion: 96 Resp: 65344

Ion Ratio Lower Upper

96 100

61 141.5 0.0 286.8

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 23.187 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

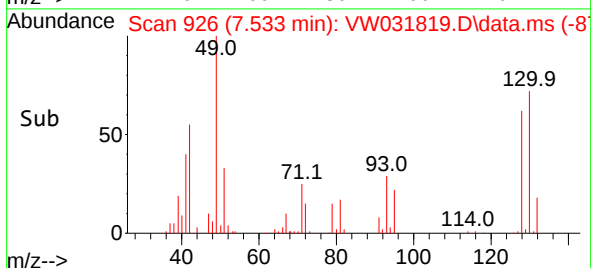
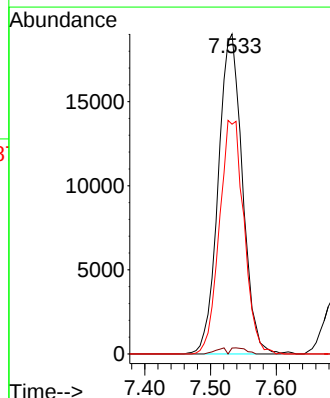
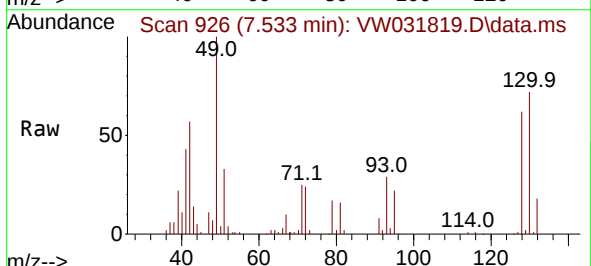
Tgt Ion: 49 Resp: 48646

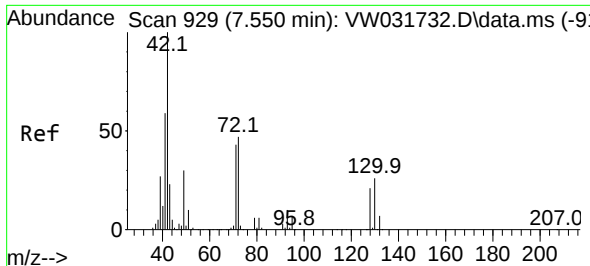
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.4

130 74.3 61.3 91.9





#29

Tetrahydrofuran

Concen: 100.487 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.007 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

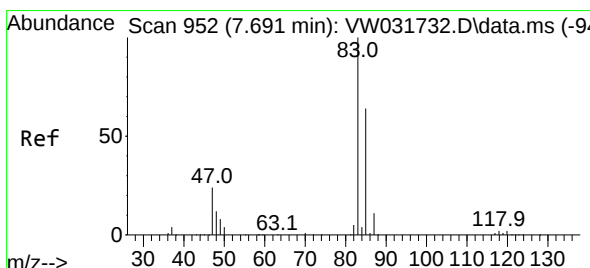
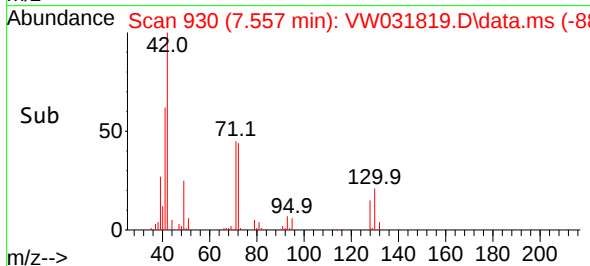
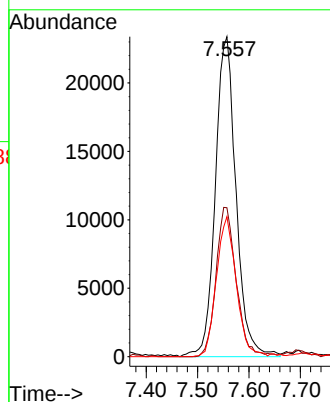
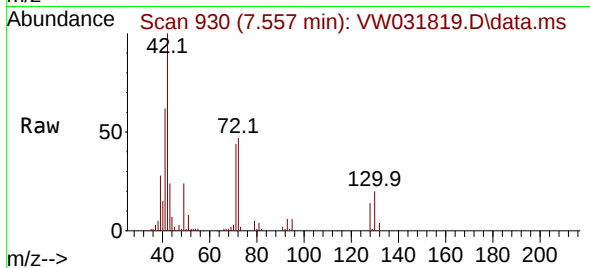
Tgt Ion: 42 Resp: 65311

Ion Ratio Lower Upper

42 100

72 45.6 36.8 55.2

71 42.0 34.6 52.0



#30

Chloroform

Concen: 22.737 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031819.D

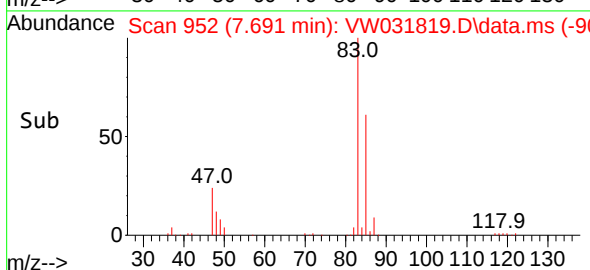
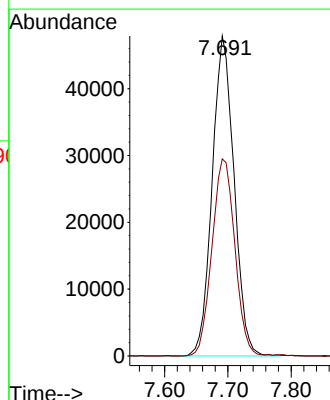
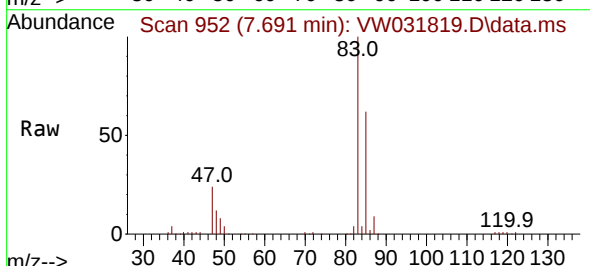
Acq: 11 Jul 2025 14:48

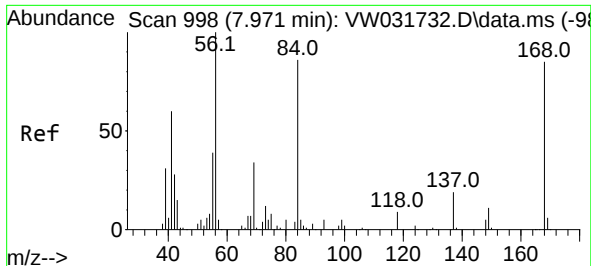
Tgt Ion: 83 Resp: 114861

Ion Ratio Lower Upper

83 100

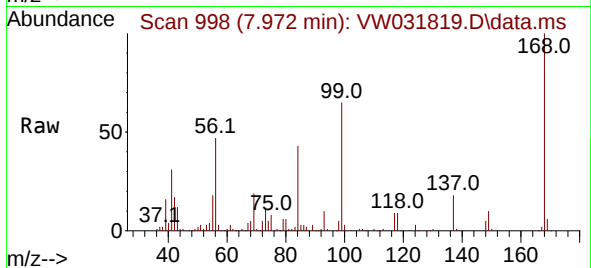
85 61.6 51.4 77.0



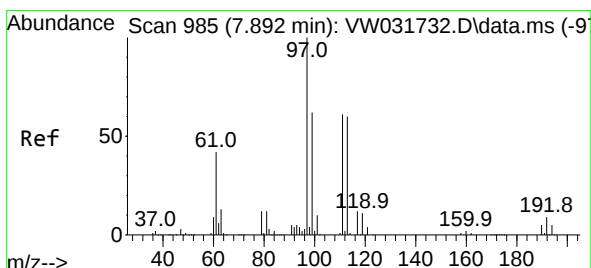
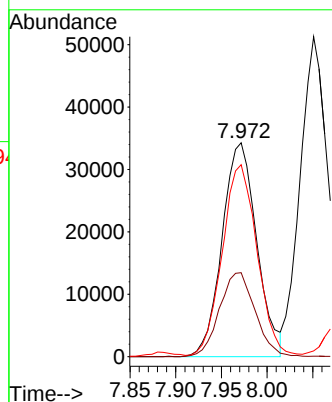
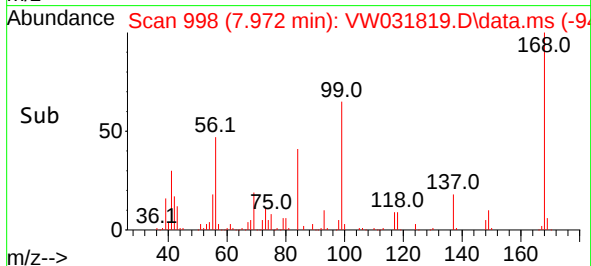


#31
Cyclohexane
Concen: 21.528 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

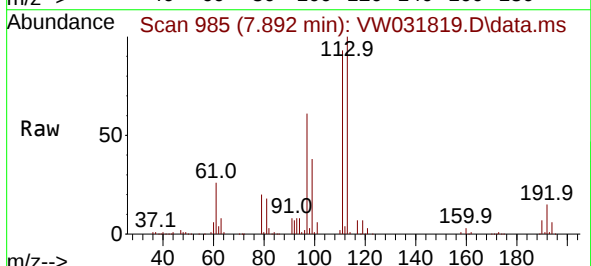
Instrument :
MSVOA_W
ClientSampleId :



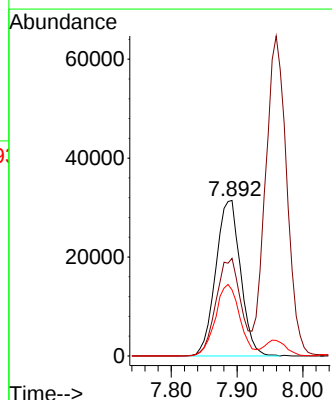
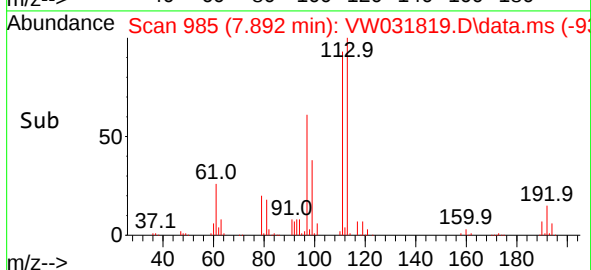
Tgt Ion: 56 Resp: 90469
Ion Ratio Lower Upper
56 100
69 39.3 27.2 40.8
84 88.8 68.5 102.7

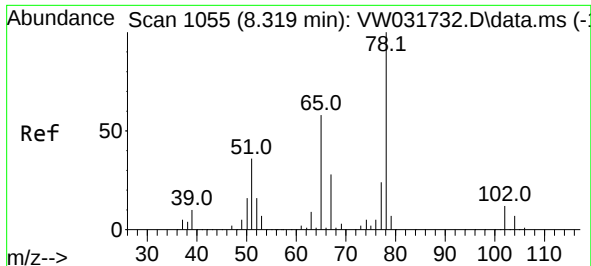


#32
1,1,1-Trichloroethane
Concen: 21.198 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48



Tgt Ion: 97 Resp: 82525
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 45.2 36.0 54.0

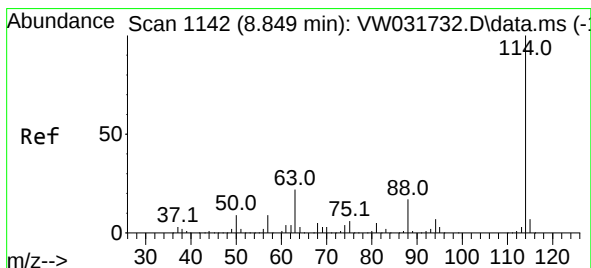
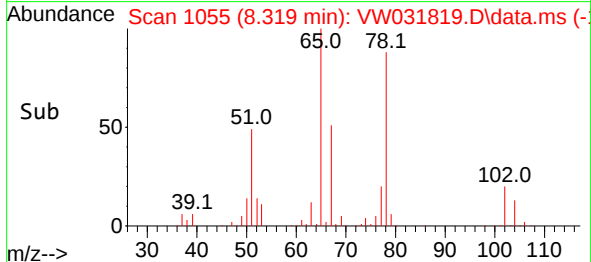
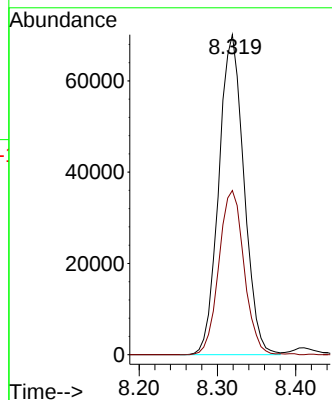
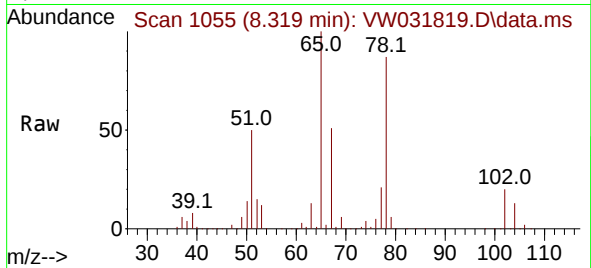




#33
 1,2-Dichloroethane-d4
 Concen: 53.011 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

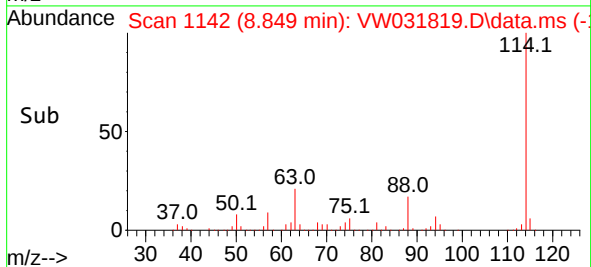
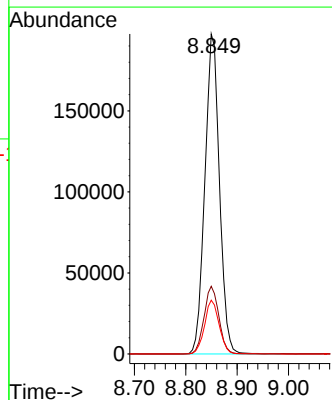
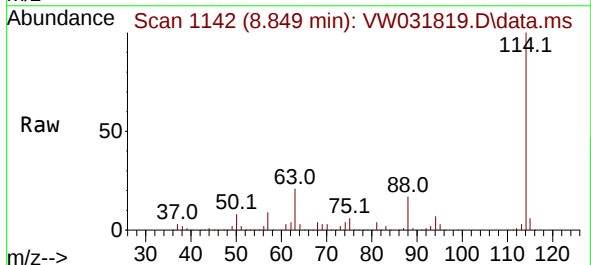
Instrument :
 MSVOA_W
 ClientSampleId :

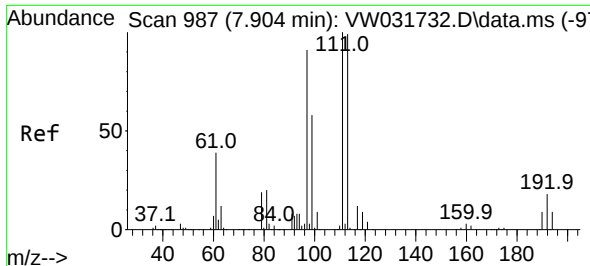
Tgt Ion: 65 Resp: 156458
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

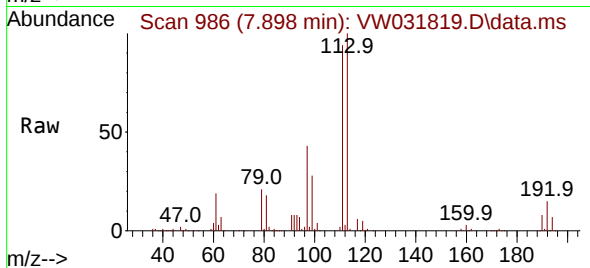
Tgt Ion: 114 Resp: 389380
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.6
 88 16.8 0.0 34.2



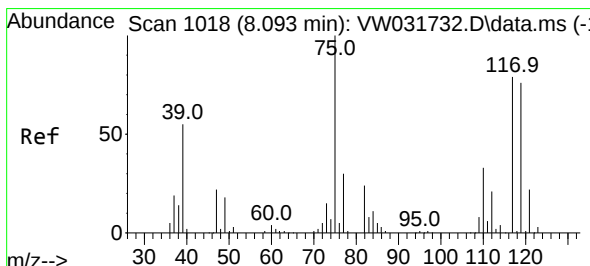
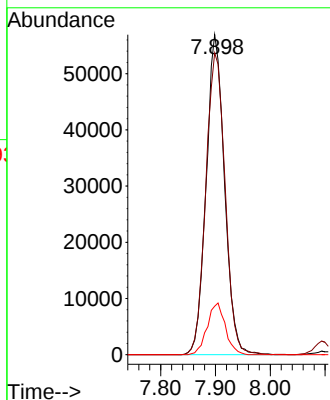
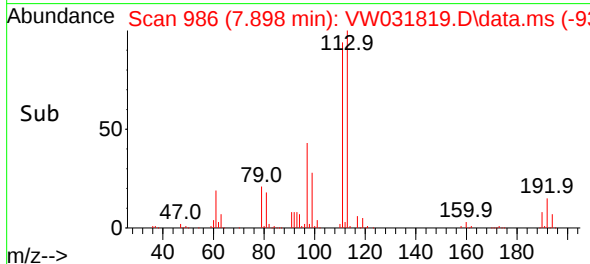


#35
 Dibromofluoromethane
 Concen: 52.082 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

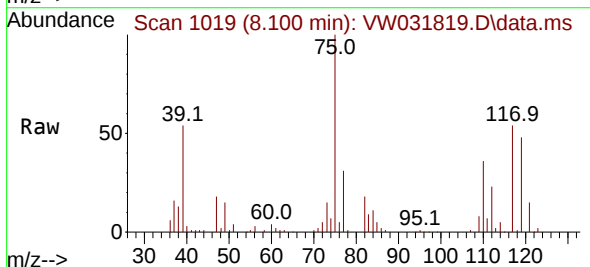
Instrument :
 MSVOA_W
 ClientSampleId :



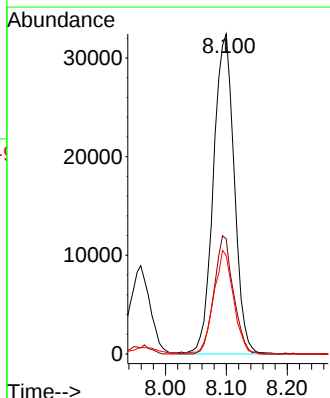
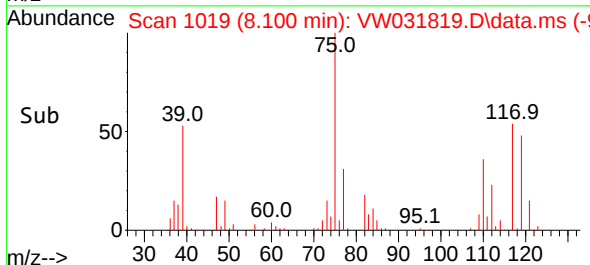
Tgt Ion:113 Resp: 132334
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.1 123.1
 192 15.9 13.8 20.6

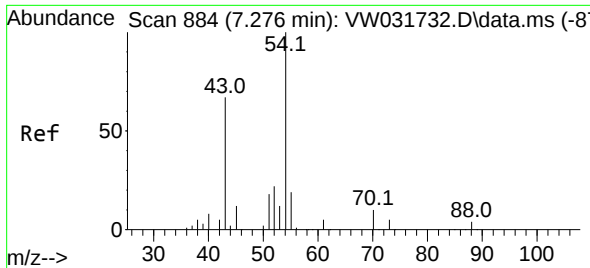


#36
 1,1-Dichloropropene
 Concen: 20.953 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.007 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48



Tgt Ion: 75 Resp: 77041
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.8 50.4
 77 30.9 25.0 37.6

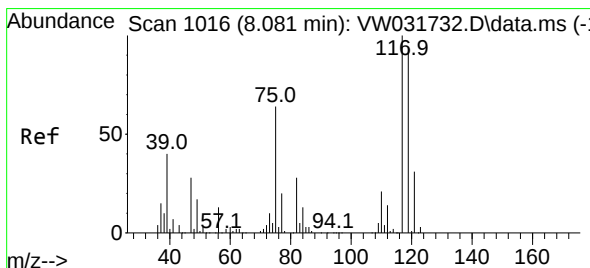
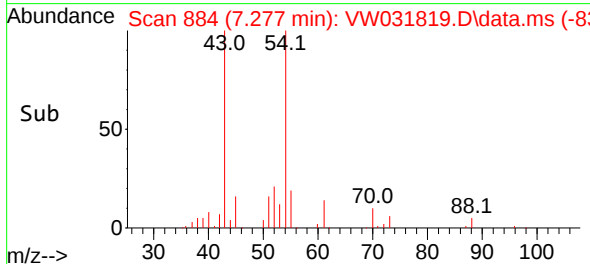
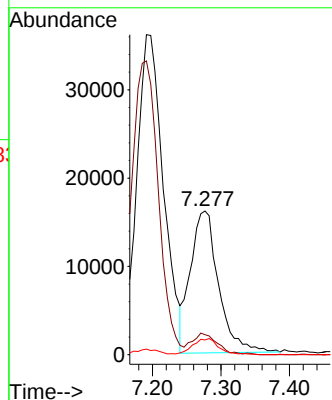
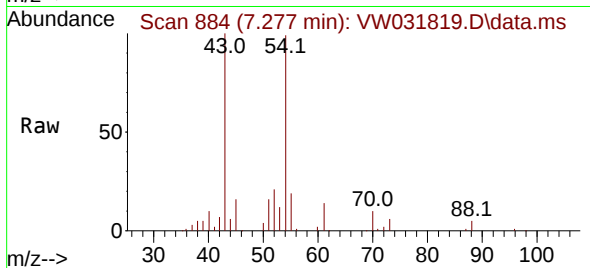




#37
Ethyl Acetate
Concen: 19.788 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

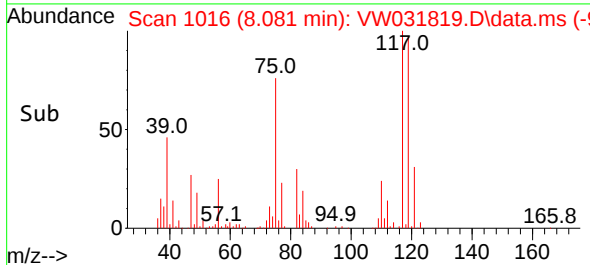
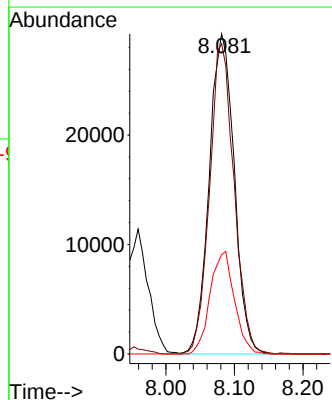
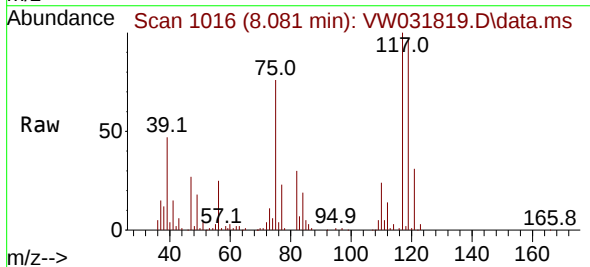
Instrument :
MSVOA_W
ClientSampleId :

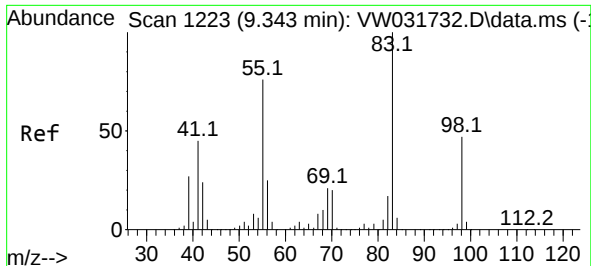
Tgt Ion: 43 Resp: 45895
Ion Ratio Lower Upper
43 100
61 12.7 10.9 16.3
70 10.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.802 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 117 Resp: 74192
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.6
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 19.955 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

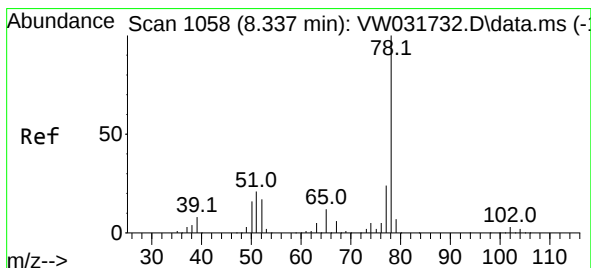
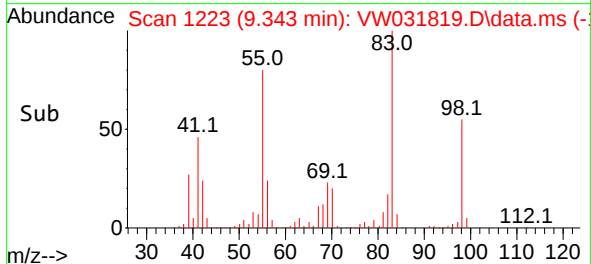
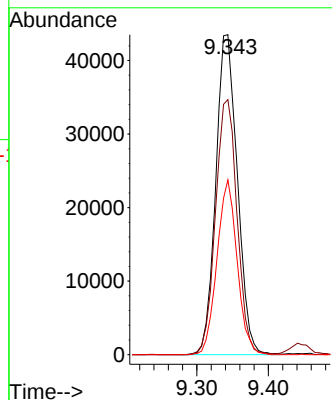
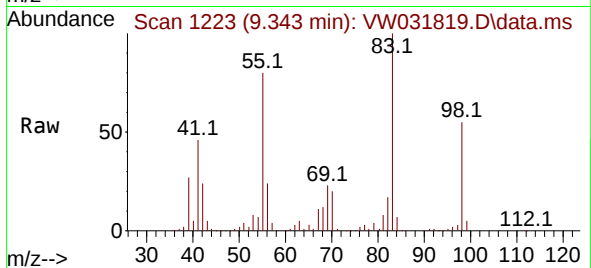
Tgt Ion: 83 Resp: 91283

Ion Ratio Lower Upper

83 100

55 79.7 61.0 91.4

98 54.6 37.9 56.9



#40

Benzene

Concen: 22.021 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031819.D

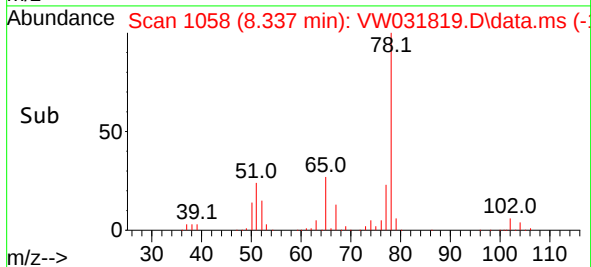
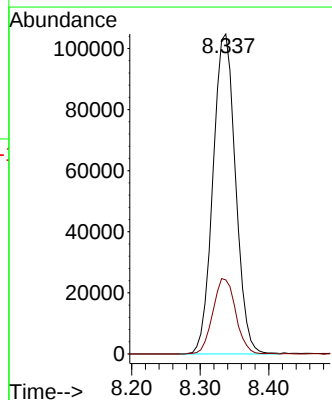
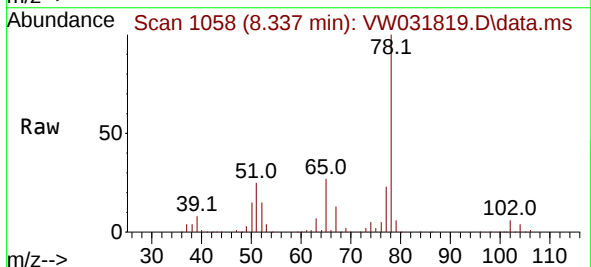
Acq: 11 Jul 2025 14:48

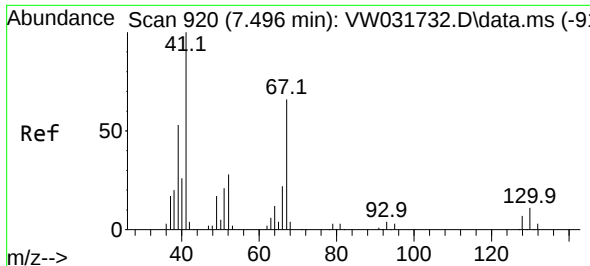
Tgt Ion: 78 Resp: 239548

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8

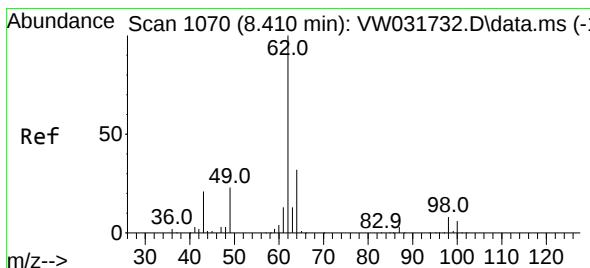
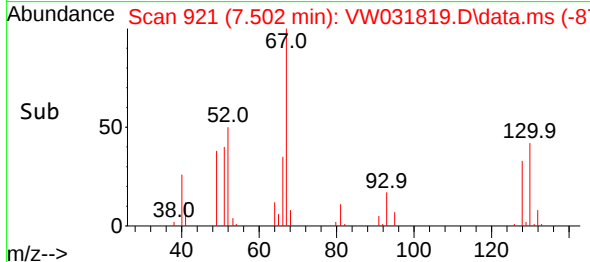
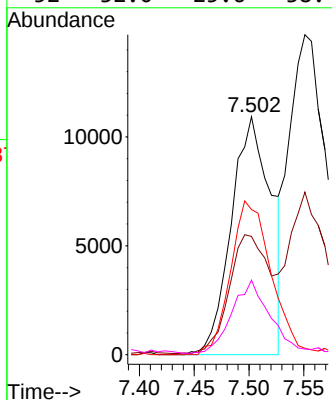
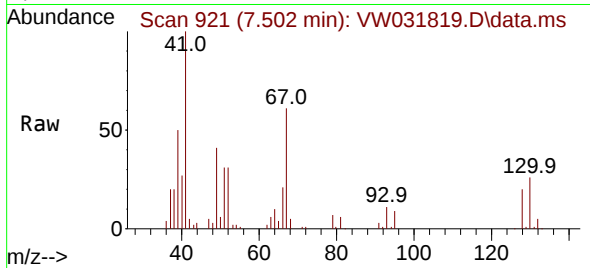




#41
Methacrylonitrile
Concen: 22.201 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

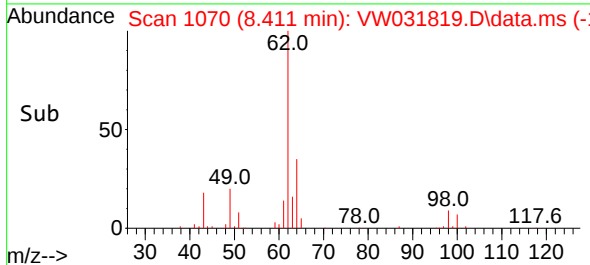
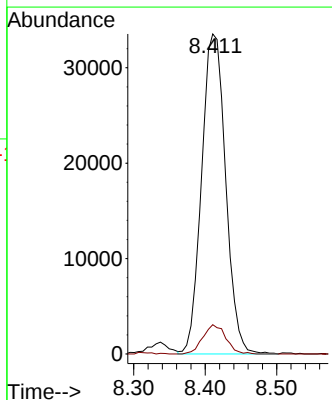
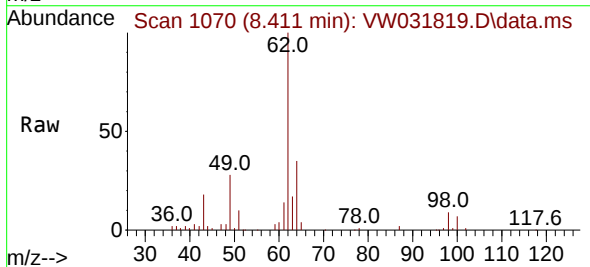
Instrument :
MSVOA_W
ClientSampleId :

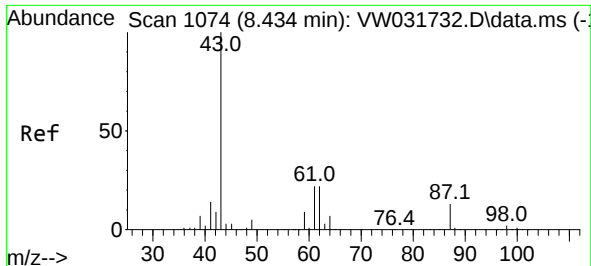
Tgt Ion: 41	Resp: 27584
Ion Ratio	Lower Upper
41 100	
39 47.7	43.2 64.8
67 67.2	58.1 87.1
52 32.0	25.6 38.4



#42
1,2-Dichloroethane
Concen: 21.346 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 62	Resp: 78460
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 17.2

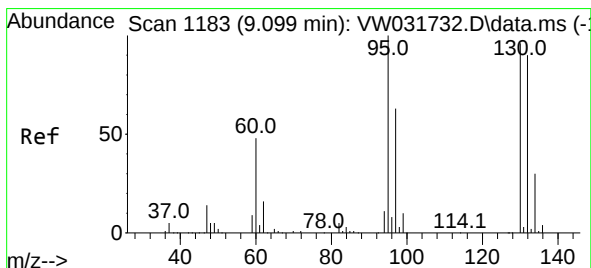
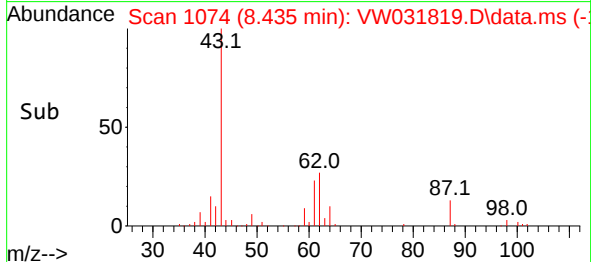
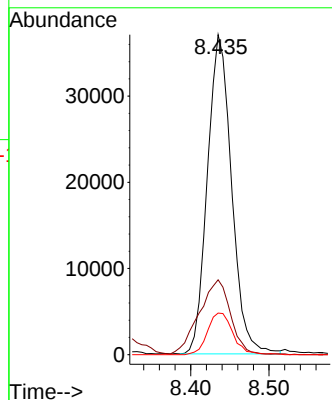
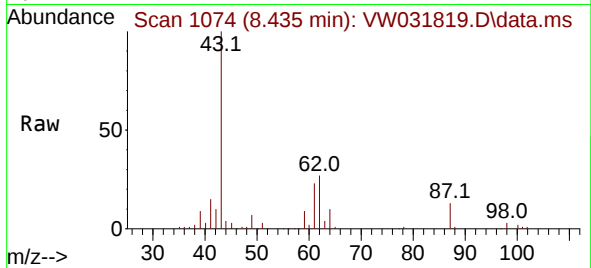




#43
Isopropyl Acetate
Concen: 19.868 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

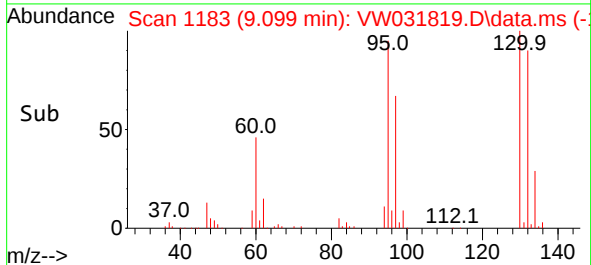
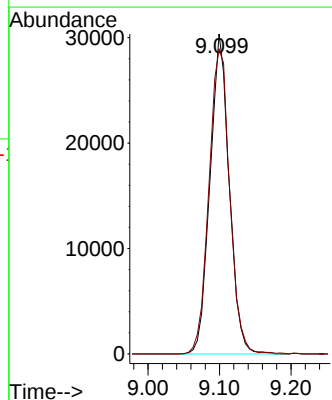
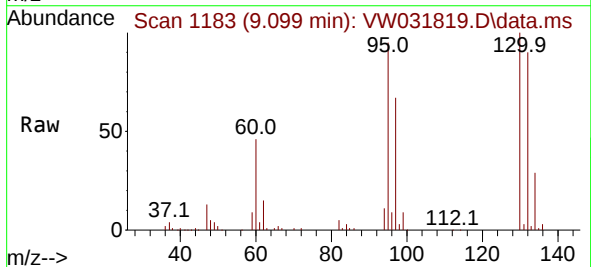
Instrument :
MSVOA_W
ClientSampleId :

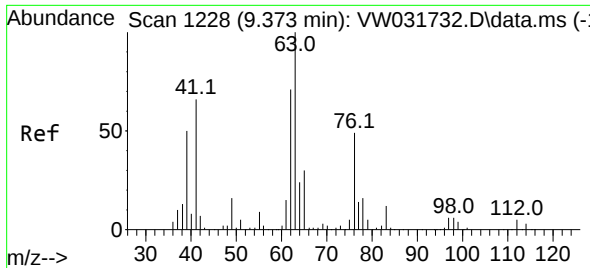
Tgt Ion: 43 Resp: 79433
Ion Ratio Lower Upper
43 100
61 30.0 23.1 34.7
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 20.816 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:130 Resp: 56517
Ion Ratio Lower Upper
130 100
95 95.2 0.0 208.6

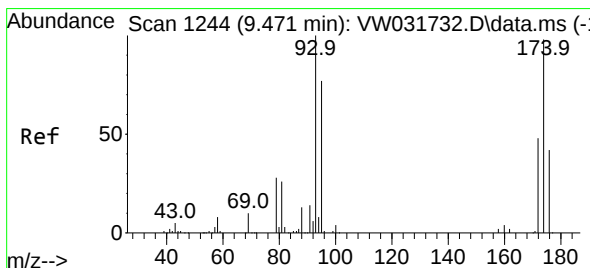
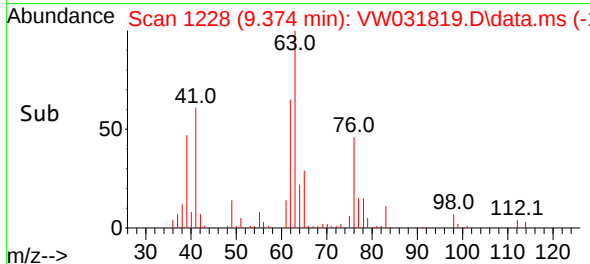
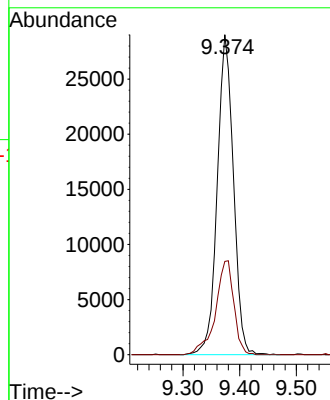
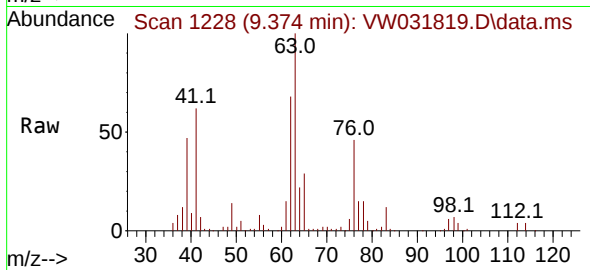




#45
1,2-Dichloropropane
Concen: 21.848 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

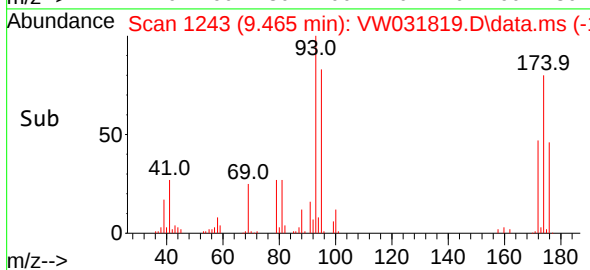
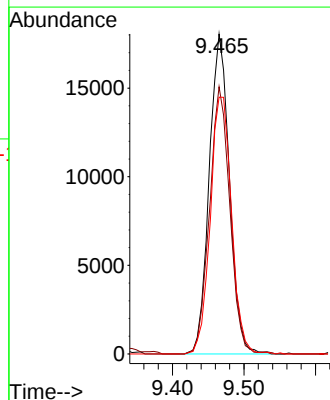
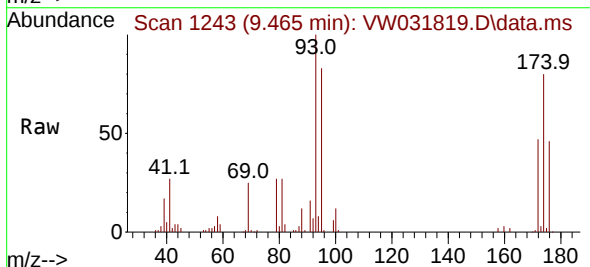
Instrument :
MSVOA_W
ClientSampleId :

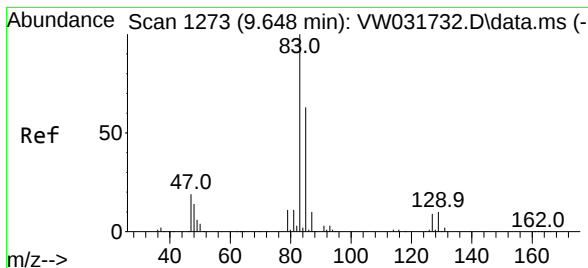
Tgt Ion: 63 Resp: 57439
Ion Ratio Lower Upper
63 100
65 29.1 24.2 36.4



#46
Dibromomethane
Concen: 20.894 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 93 Resp: 35464
Ion Ratio Lower Upper
93 100
95 84.0 67.0 100.4
174 84.7 71.7 107.5





#47

Bromodichloromethane

Concen: 21.031 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

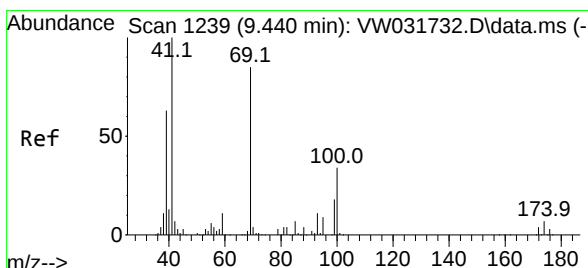
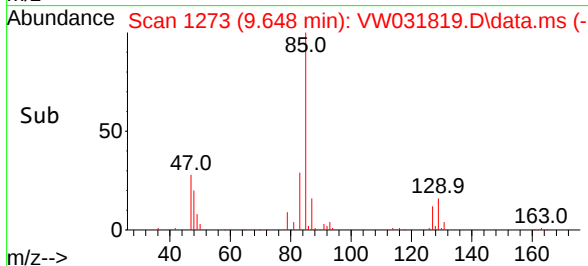
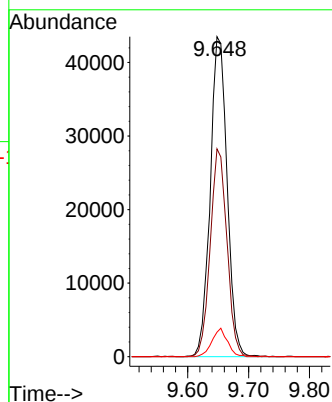
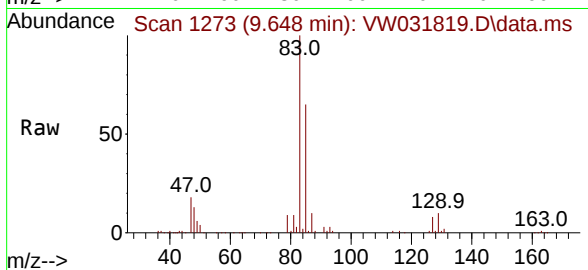
Tgt Ion: 83 Resp: 83707

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2

127 7.6 6.8 10.2



#48

Methyl methacrylate

Concen: 19.124 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

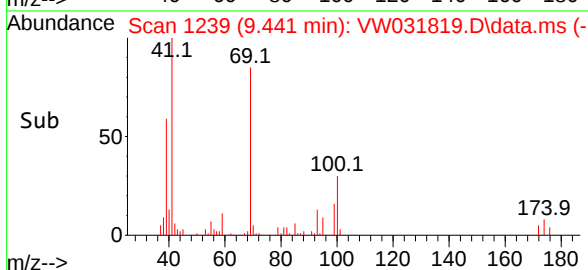
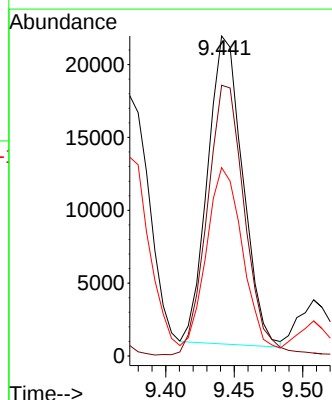
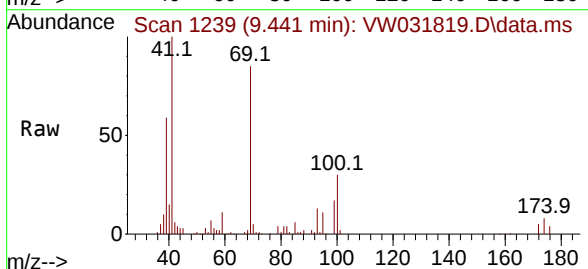
Tgt Ion: 41 Resp: 37596

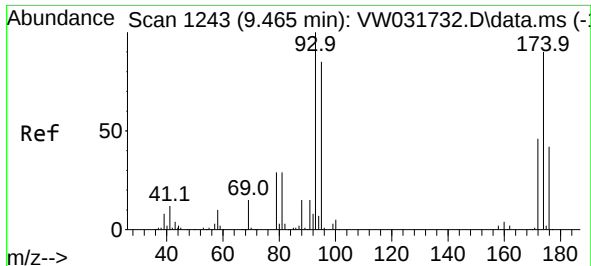
Ion Ratio Lower Upper

41 100

69 95.7 71.6 107.4

39 64.3 49.5 74.3





#49

1,4-Dioxane

Concen: 373.198 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

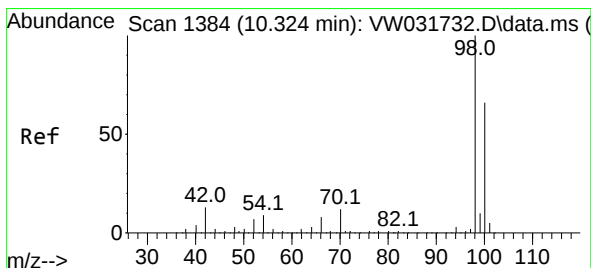
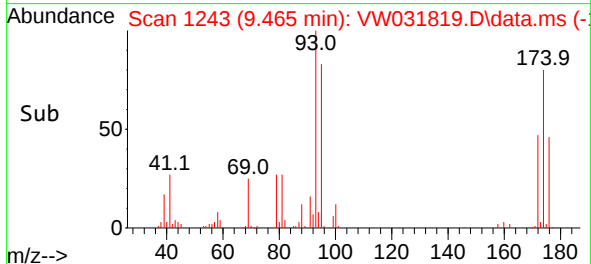
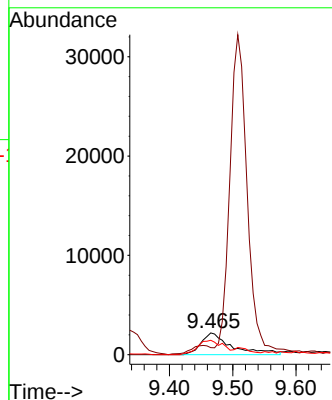
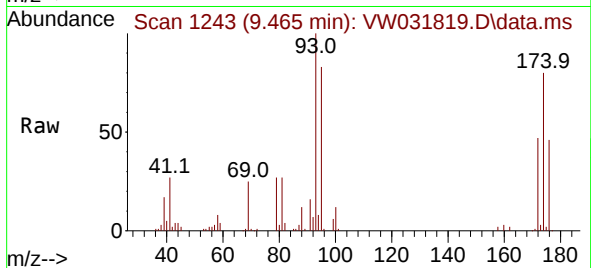
Tgt Ion: 88 Resp: 7419

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 53.8 58.3 87.5#



#50

Toluene-d8

Concen: 52.302 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031819.D

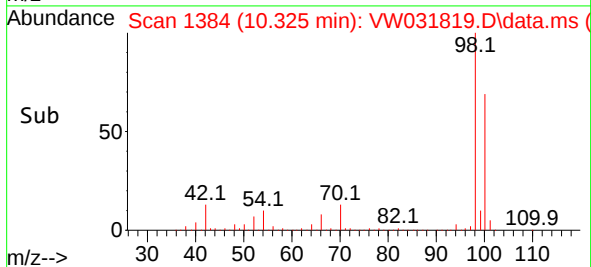
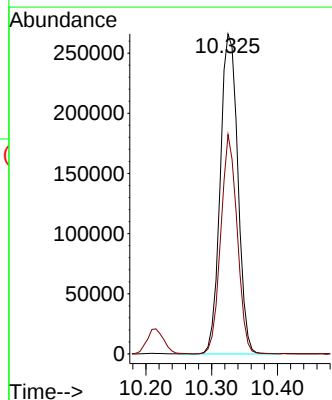
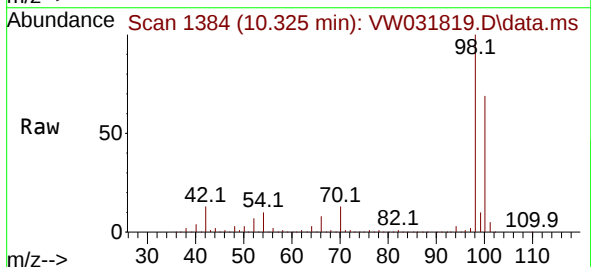
Acq: 11 Jul 2025 14:48

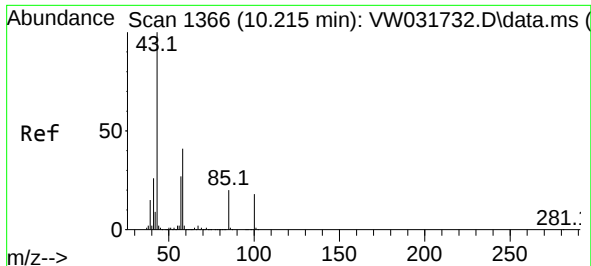
Tgt Ion: 98 Resp: 494544

Ion Ratio Lower Upper

98 100

100 63.9 53.0 79.4

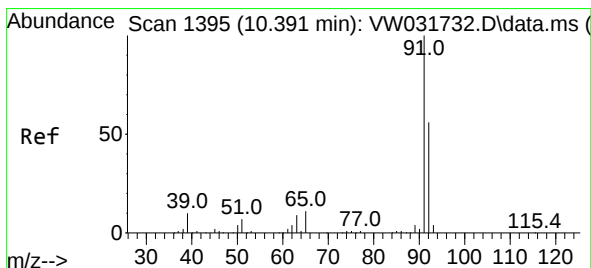
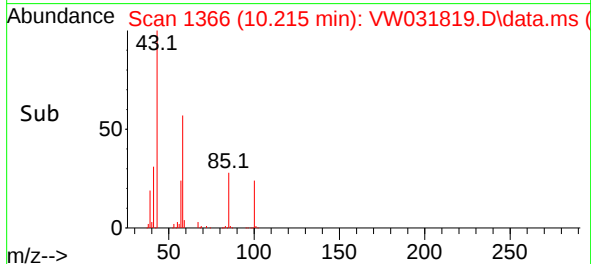
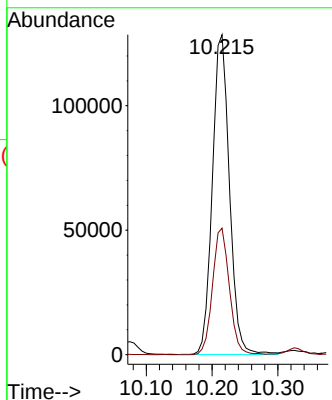
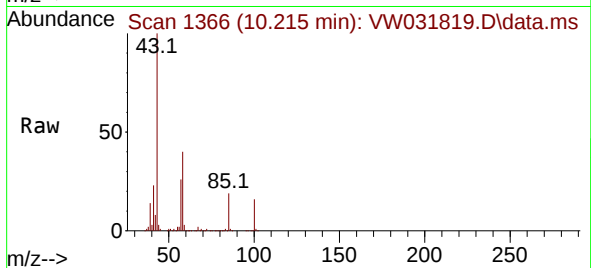




#51
4-Methyl-2-Pentanone
Concen: 100.976 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

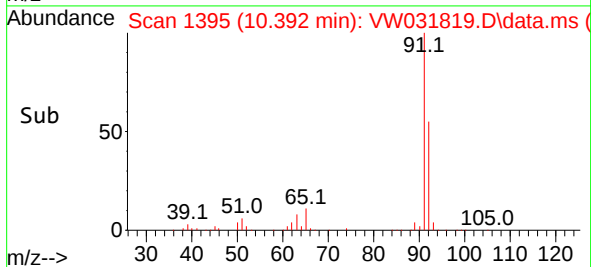
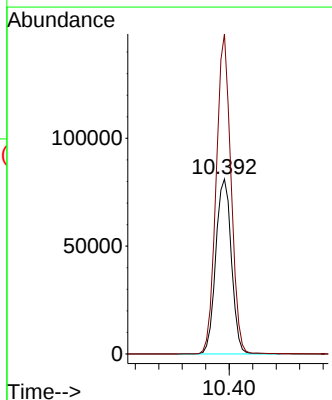
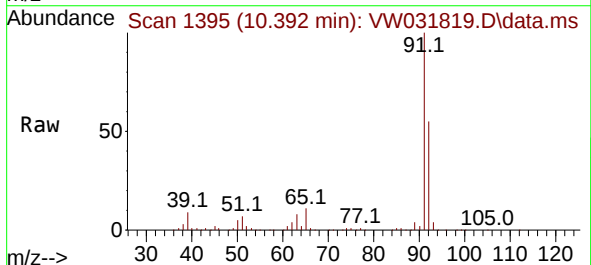
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 232099
Ion Ratio Lower Upper
43 100
58 39.1 32.2 48.2



#52
Toluene
Concen: 21.464 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 92 Resp: 149493
Ion Ratio Lower Upper
92 100
91 173.4 139.5 209.3

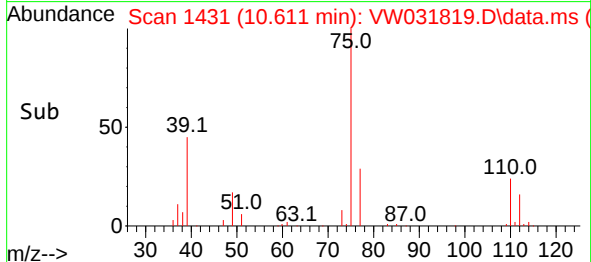
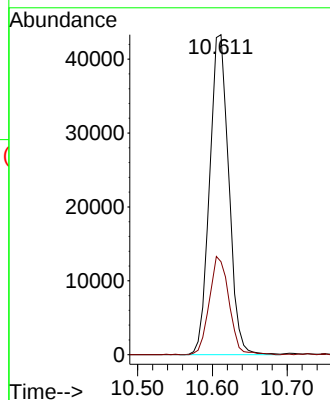
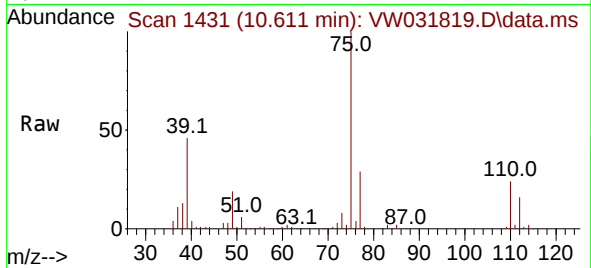




#53
 t-1,3-Dichloropropene
 Concen: 20.634 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

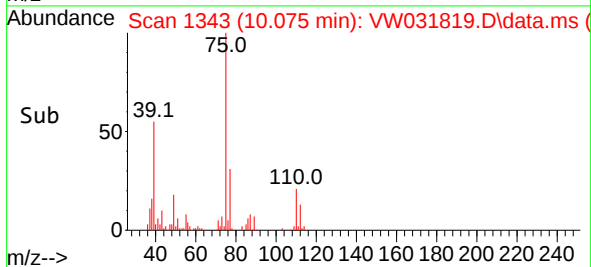
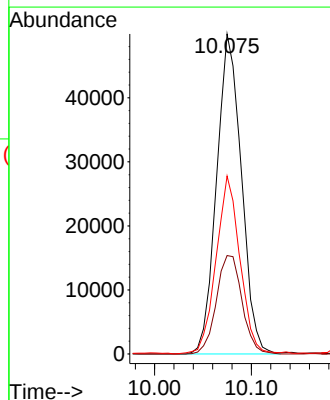
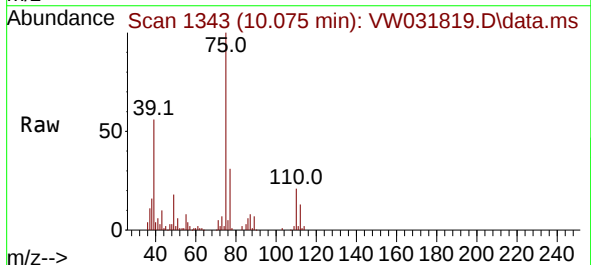
Instrument :
 MSVOA_W
 ClientSampleId :

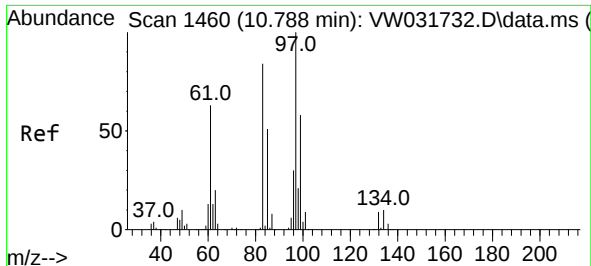
Tgt Ion: 75 Resp: 77058
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.982 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031819.D
 Acq: 11 Jul 2025 14:48

Tgt Ion: 75 Resp: 88830
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2
 39 55.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 21.728 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 48309

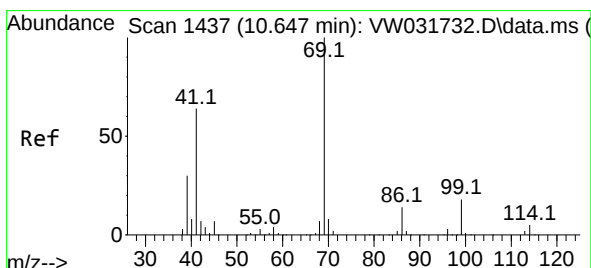
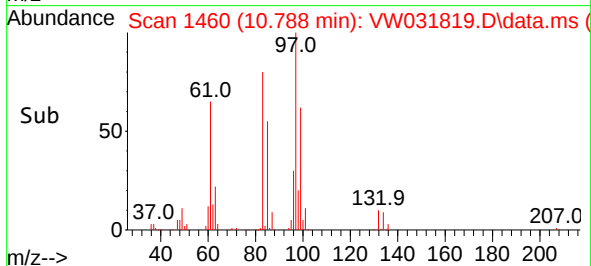
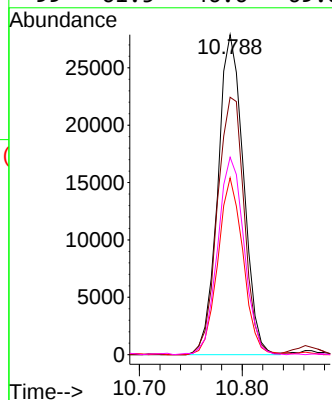
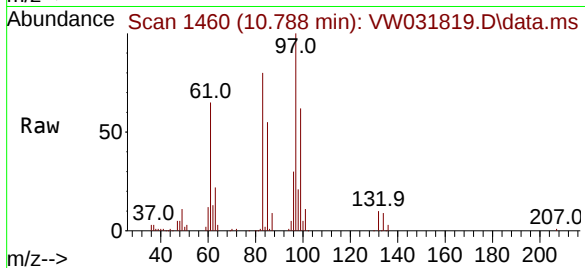
Ion Ratio Lower Upper

97 100

83 80.5 66.9 100.3

85 55.2 41.1 61.7

99 61.5 46.6 69.8



#56

Ethyl methacrylate

Concen: 21.089 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

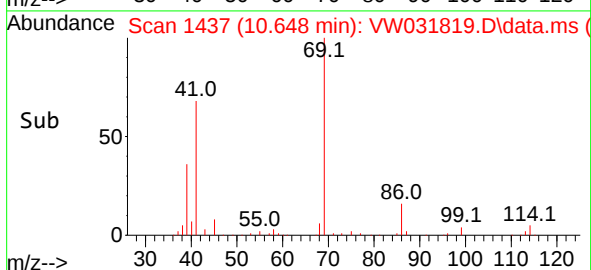
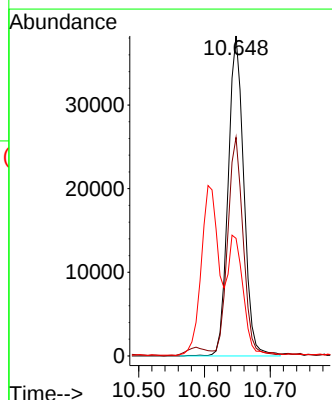
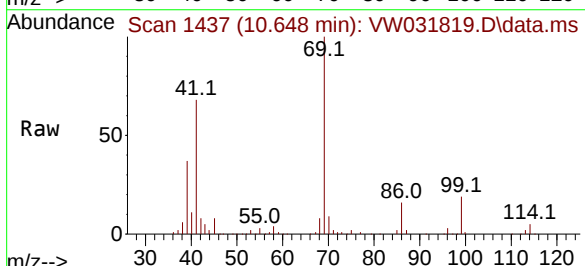
Tgt Ion: 69 Resp: 63614

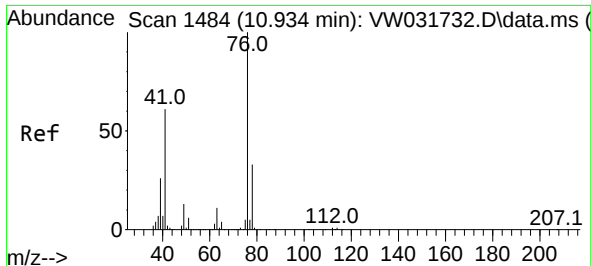
Ion Ratio Lower Upper

69 100

41 66.5 53.3 79.9

39 35.5 30.2 45.2





#57

1,3-Dichloropropane

Concen: 20.975 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

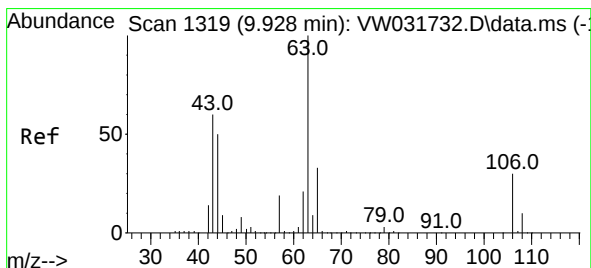
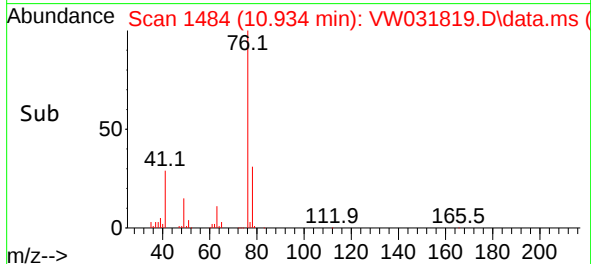
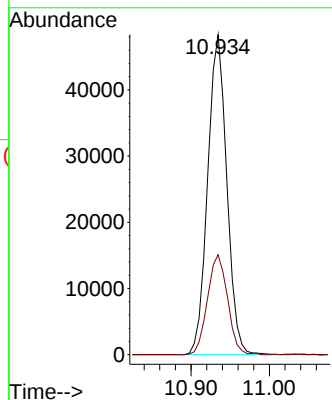
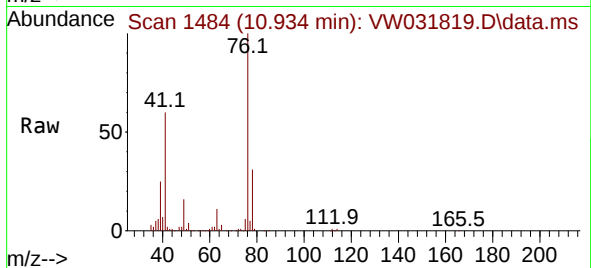
ClientSampleId :

Tgt Ion: 76 Resp: 81878

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.003 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031819.D

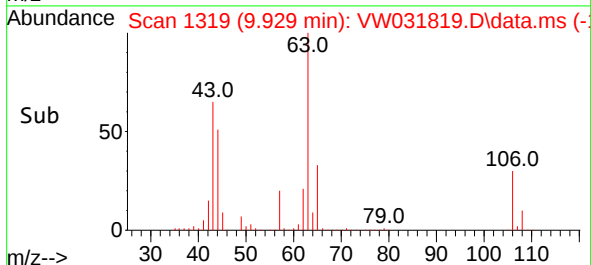
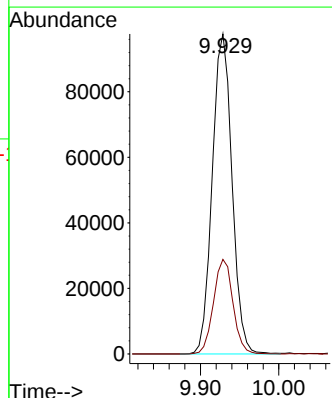
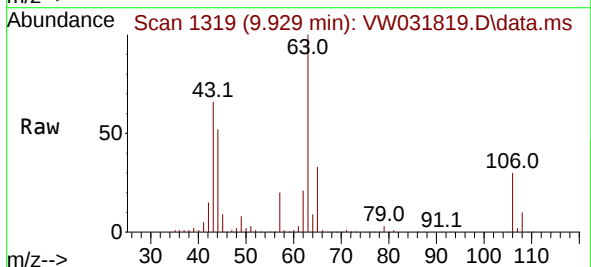
Acq: 11 Jul 2025 14:48

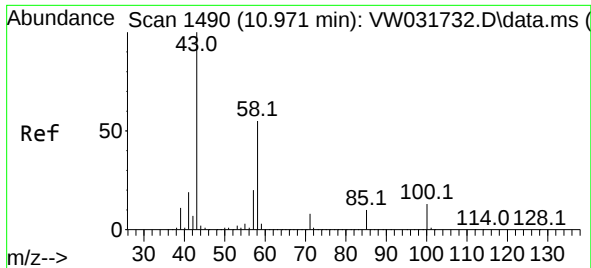
Tgt Ion: 63 Resp: 171086

Ion Ratio Lower Upper

63 100

106 29.1 24.1 36.1

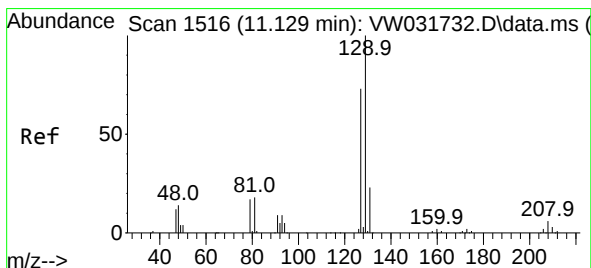
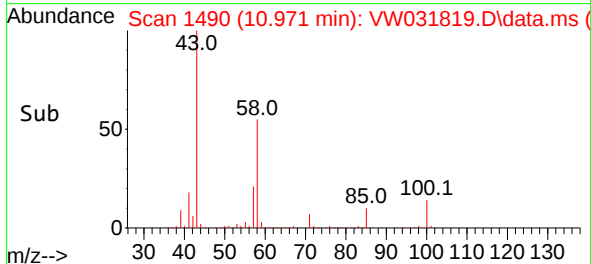
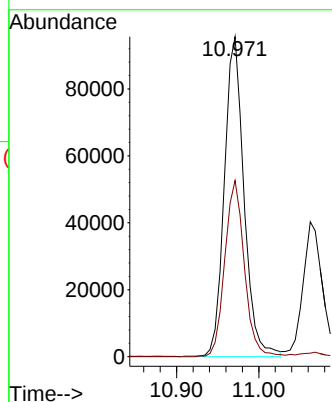
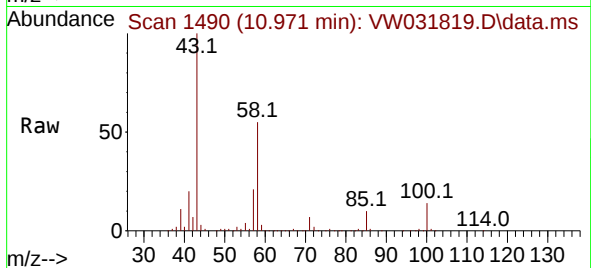




#59
2-Hexanone
Concen: 102.080 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

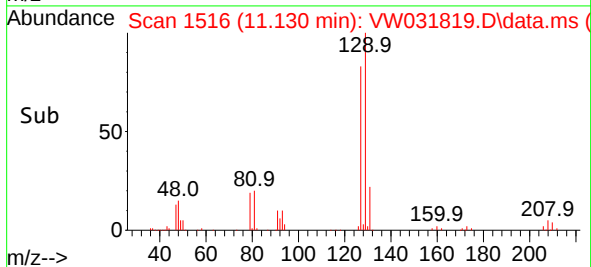
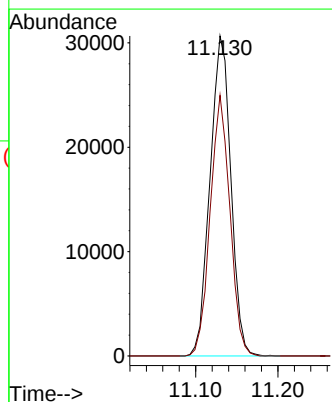
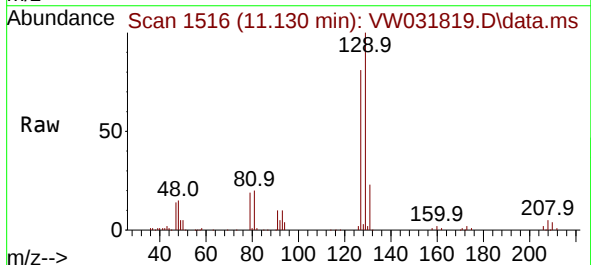
Instrument :
MSVOA_W
ClientSampleId :

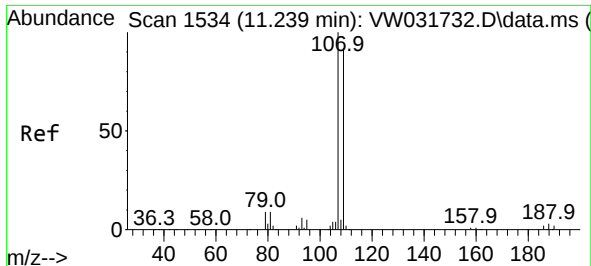
Tgt Ion: 43 Resp: 158999
Ion Ratio Lower Upper
43 100
58 54.8 27.9 83.6



#60
Dibromochloromethane
Concen: 20.312 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:129 Resp: 54006
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

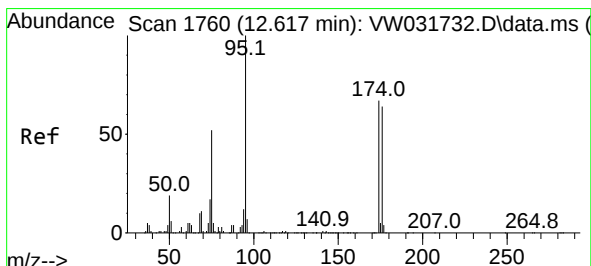
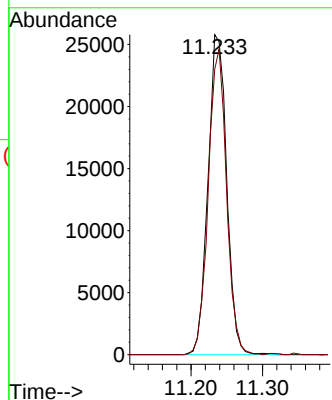
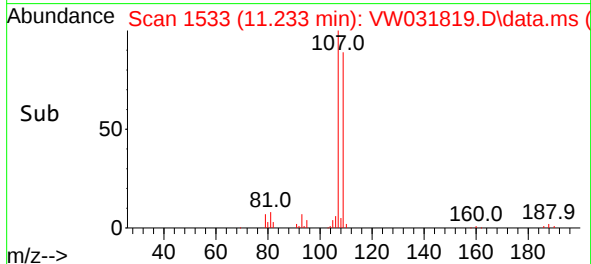
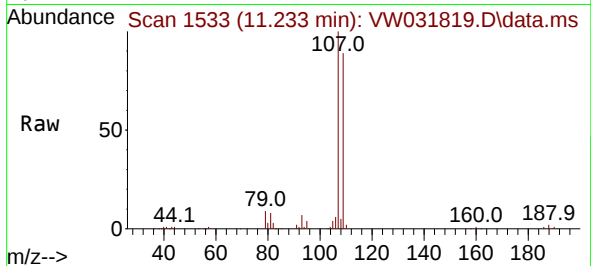




#61
1,2-Dibromoethane
Concen: 21.027 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

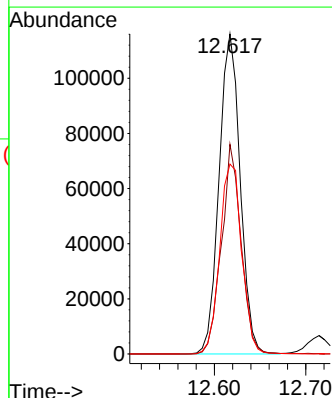
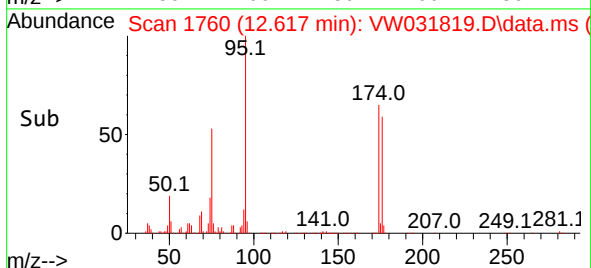
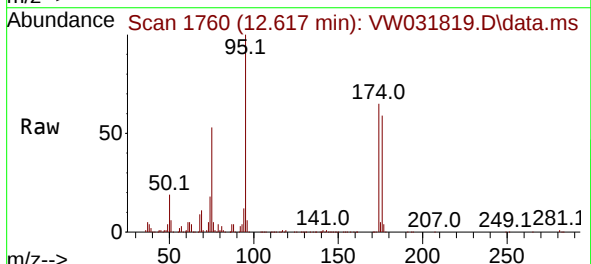
Instrument :
MSVOA_W
ClientSampleId :

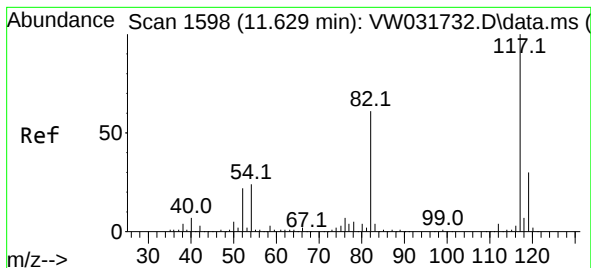
Tgt Ion:107 Resp: 46803
Ion Ratio Lower Upper
107 100
109 93.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 53.671 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

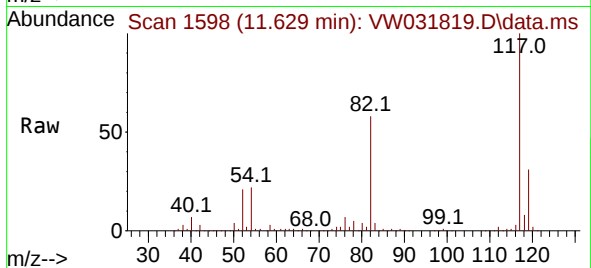
Tgt Ion: 95 Resp: 186758
Ion Ratio Lower Upper
95 100
174 60.8 0.0 133.8
176 62.1 0.0 126.0



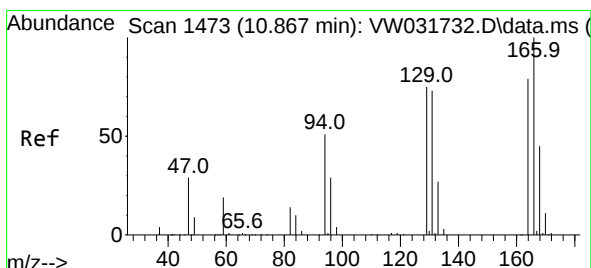
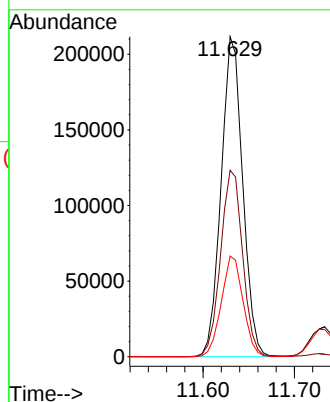
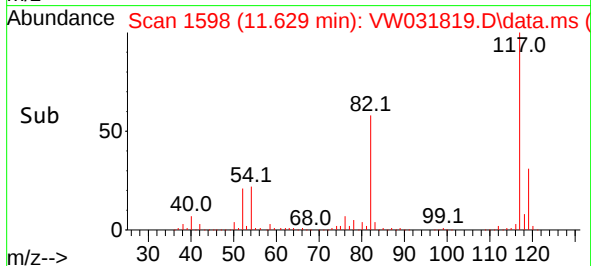


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

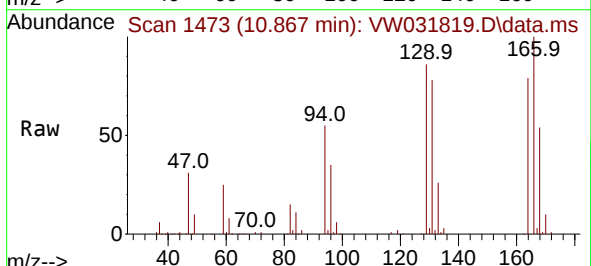
Instrument :
MSVOA_W
ClientSampleId :



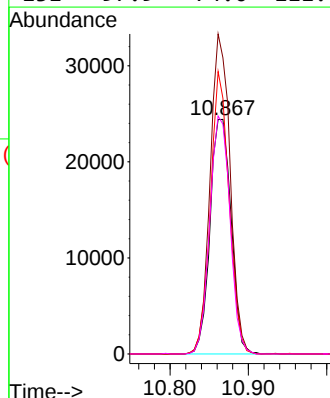
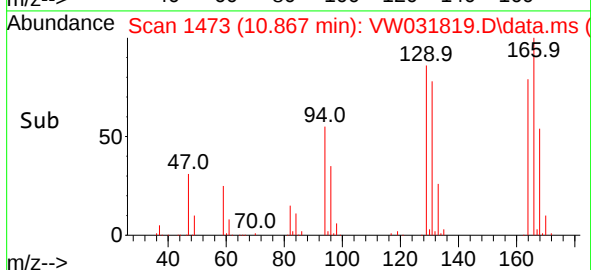
Tgt Ion:117 Resp: 347490
Ion Ratio Lower Upper
117 100
82 58.2 48.6 72.8
119 31.5 23.9 35.9

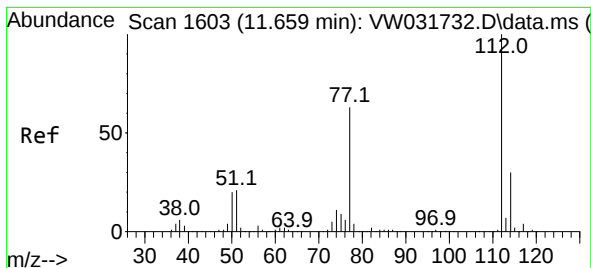


#64
Tetrachloroethene
Concen: 20.038 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48



Tgt Ion:164 Resp: 45546
Ion Ratio Lower Upper
164 100
166 126.2 100.7 151.1
129 109.0 75.4 113.0
131 97.9 74.0 111.0





#65

Chlorobenzene

Concen: 20.924 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

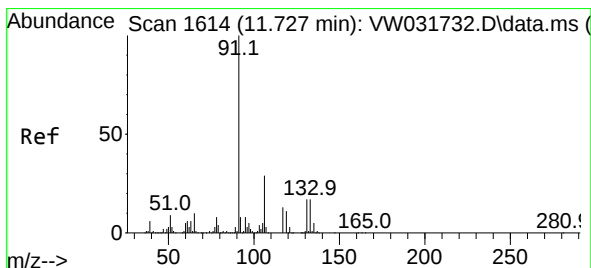
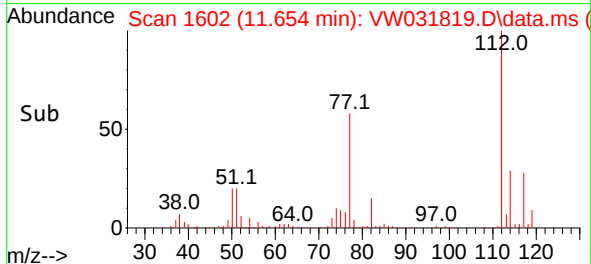
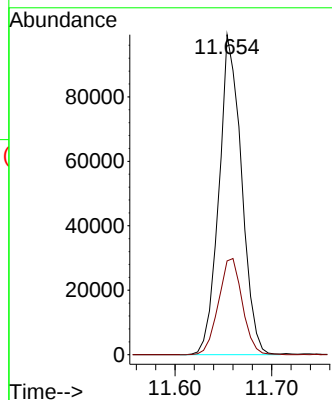
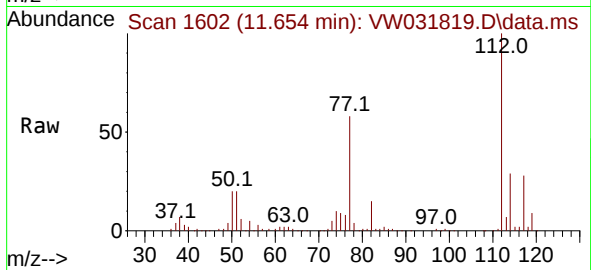
ClientSampleId :

Tgt Ion:112 Resp: 160421

Ion Ratio Lower Upper

112 100

114 29.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 21.501 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

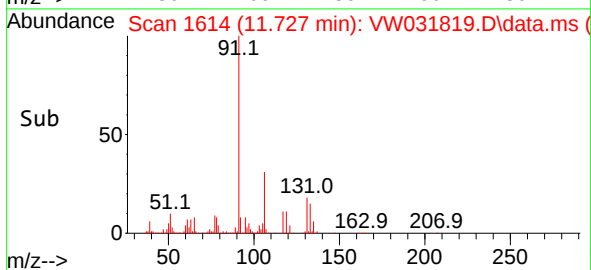
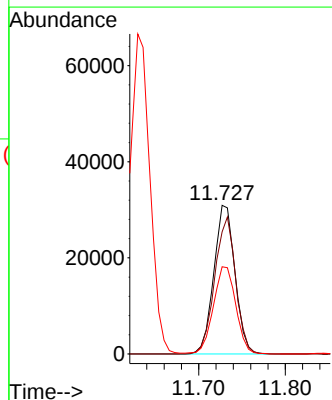
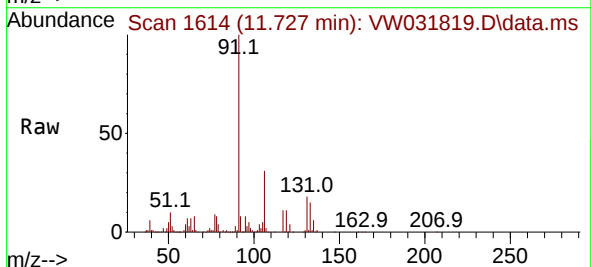
Tgt Ion:131 Resp: 52530

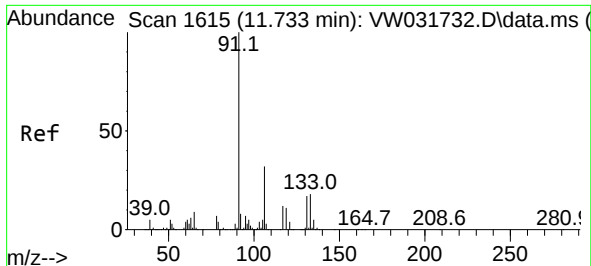
Ion Ratio Lower Upper

131 100

133 91.1 48.5 145.6

119 62.3 32.5 97.5





#67

Ethyl Benzene

Concen: 21.229 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

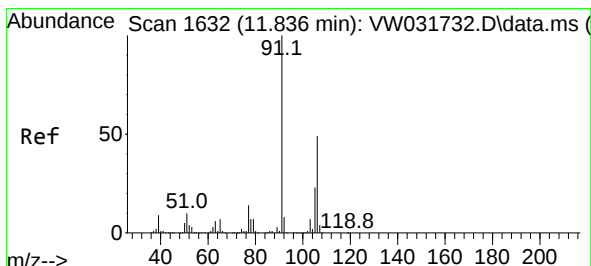
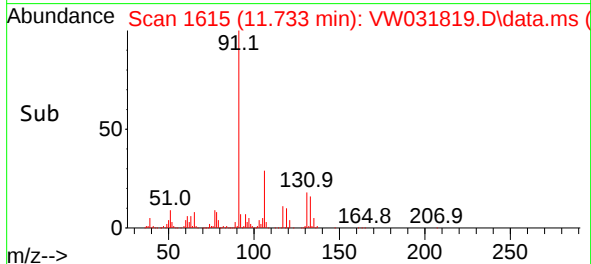
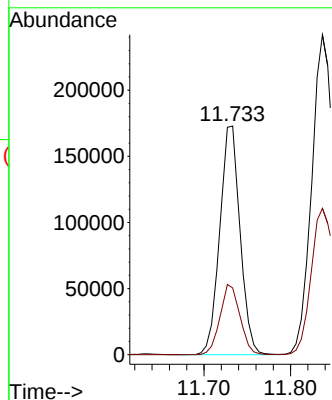
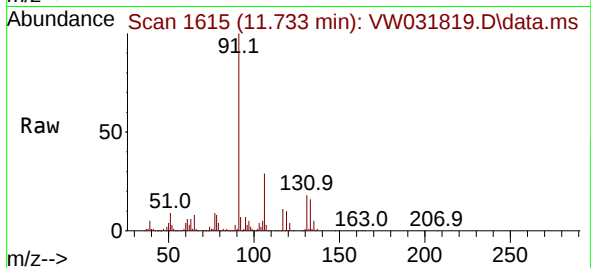
ClientSampleId :

Tgt Ion: 91 Resp: 282227

Ion Ratio Lower Upper

91 100

106 29.1 25.4 38.2



#68

m/p-Xylenes

Concen: 41.999 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031819.D

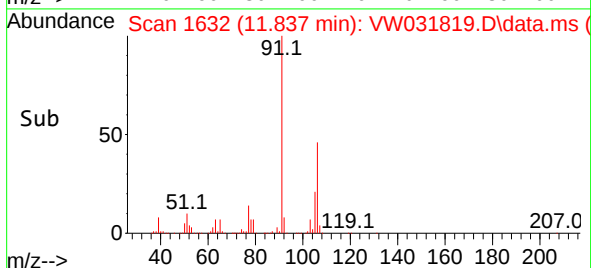
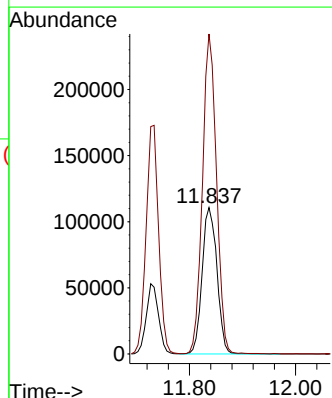
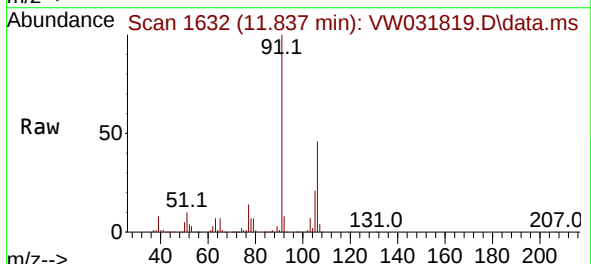
Acq: 11 Jul 2025 14:48

Tgt Ion:106 Resp: 214642

Ion Ratio Lower Upper

106 100

91 207.2 166.4 249.6

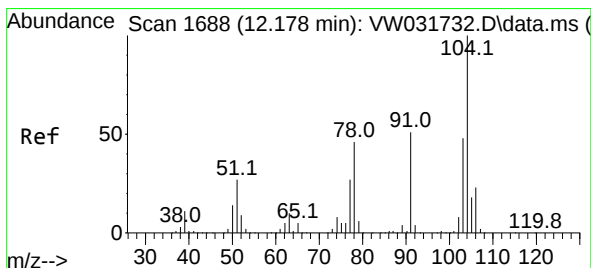
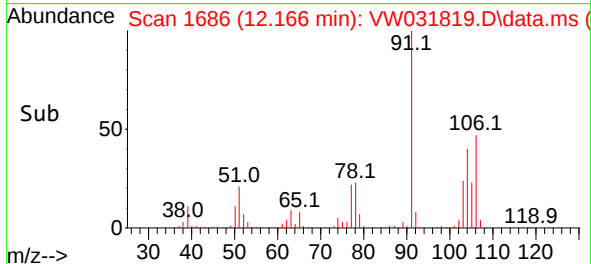
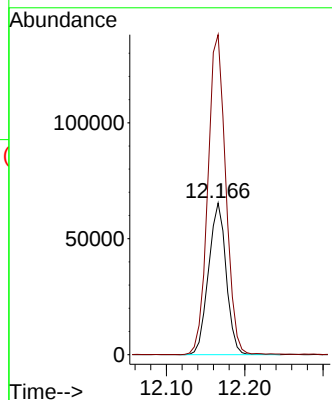
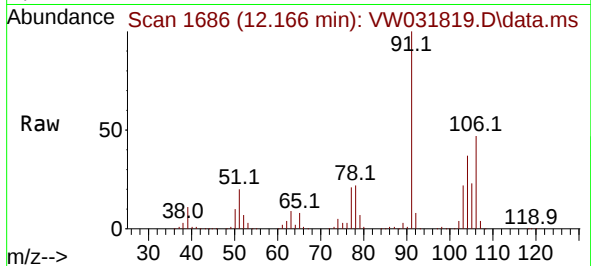




#69
o-Xylene
Concen: 21.607 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

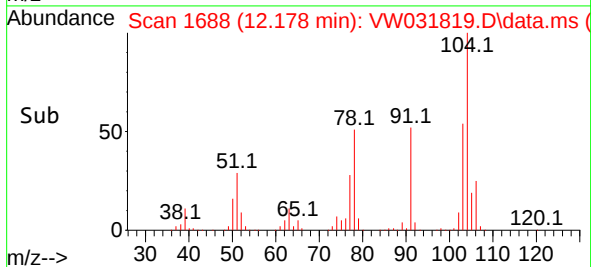
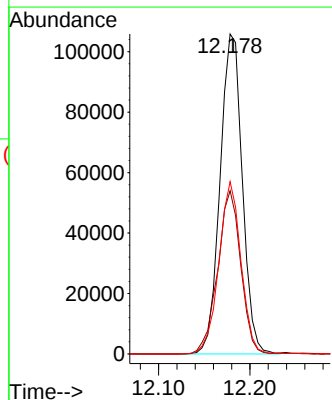
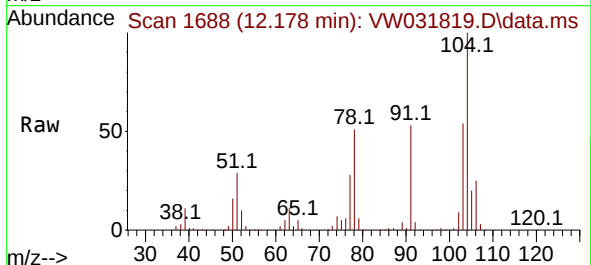
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 102240
Ion Ratio Lower Upper
106 100
91 213.8 111.5 334.4



#70
Styrene
Concen: 21.878 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:104 Resp: 178967
Ion Ratio Lower Upper
104 100
78 52.9 42.1 63.1
103 53.8 43.0 64.6





#71

Bromoform

Concen: 18.328 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

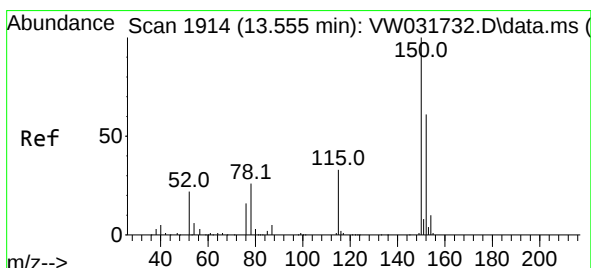
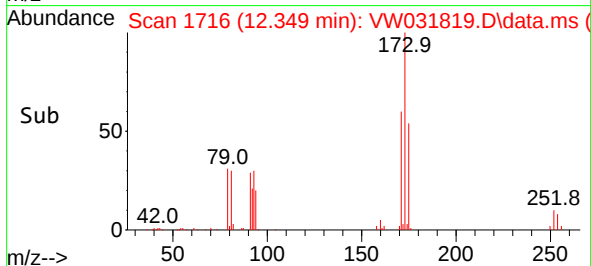
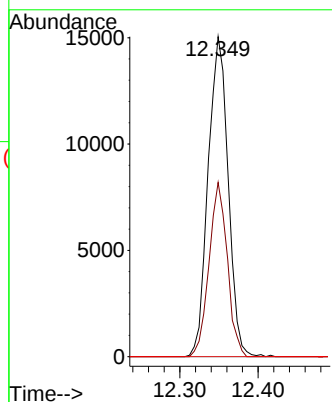
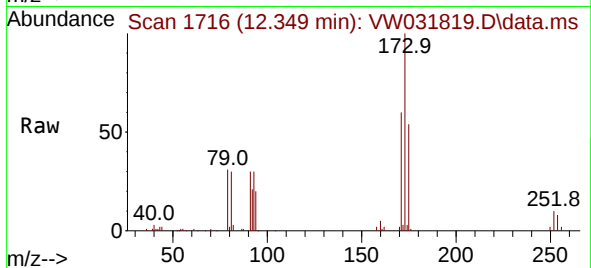
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 26713

Ion	Ratio	Lower	Upper
173	100		
175	49.6	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

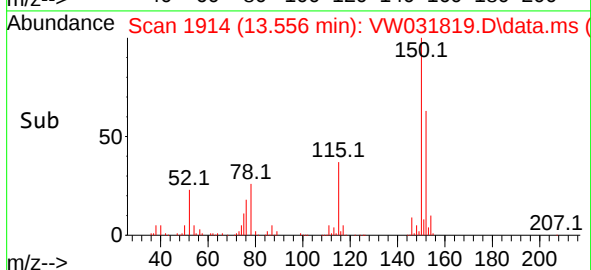
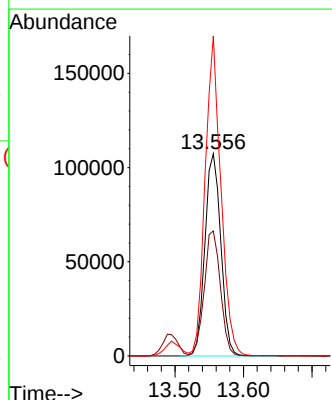
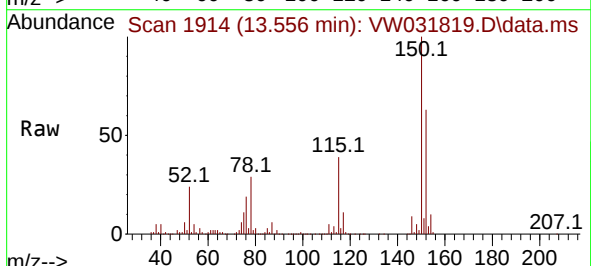
Delta R.T. 0.000 min

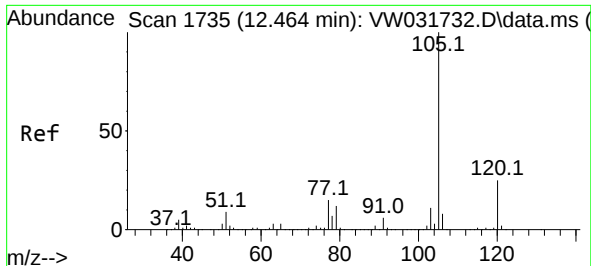
Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Tgt Ion:152 Resp: 173515

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.9	95.7
150	156.7	0.0	356.4

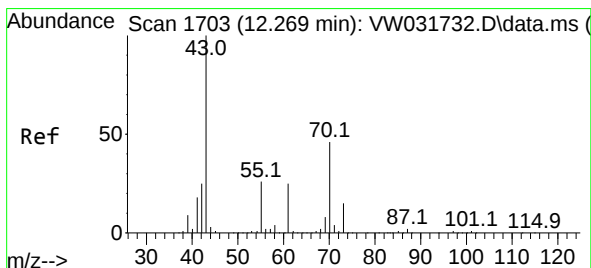
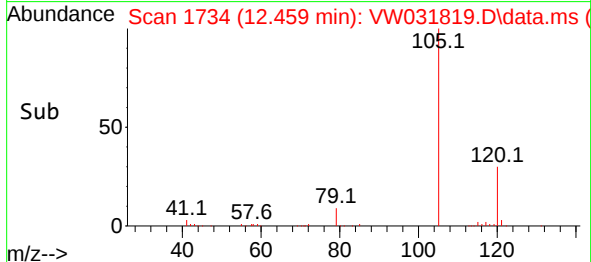
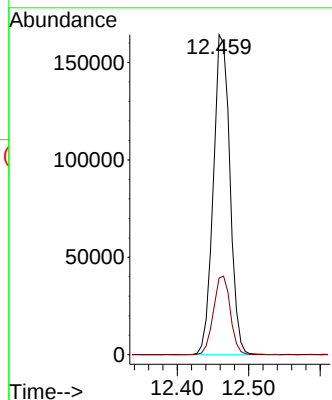
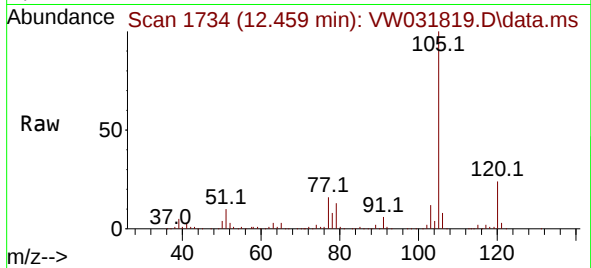




#73
Isopropylbenzene
Concen: 20.053 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

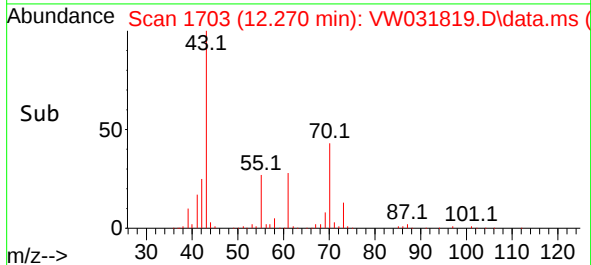
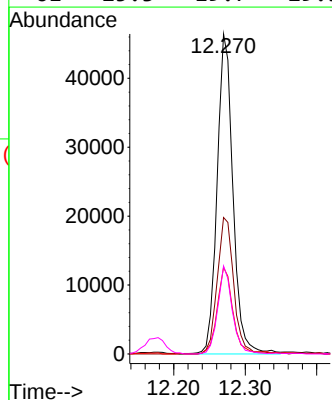
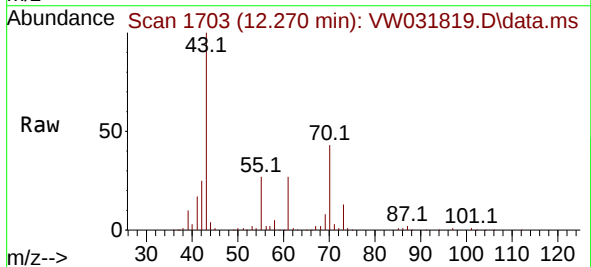
Instrument :
MSVOA_W
ClientSampleId :

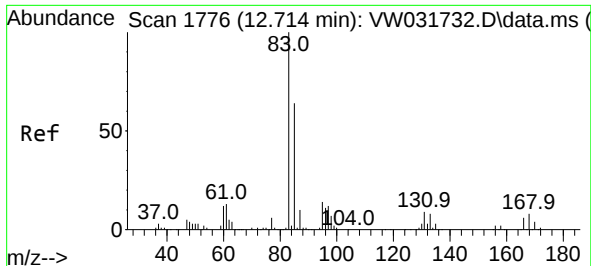
Tgt Ion:105 Resp: 264674
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 20.093 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 43 Resp: 71480
Ion Ratio Lower Upper
43 100
70 44.7 36.0 54.0
55 27.3 20.8 31.2
61 25.3 19.7 29.5

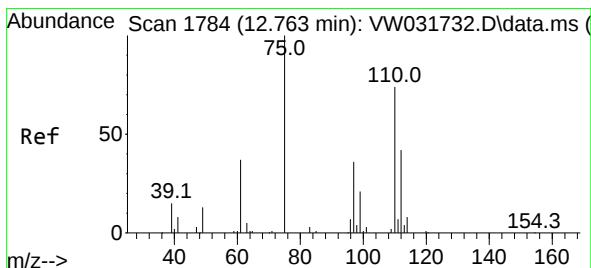
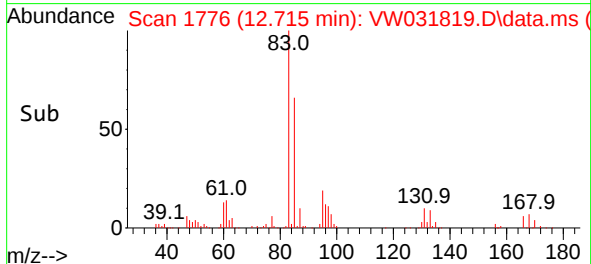
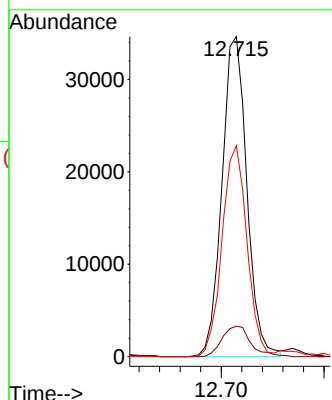
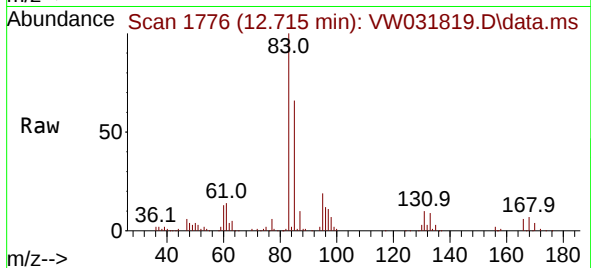




#75
1,1,2,2-Tetrachloroethane
Concen: 19.854 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

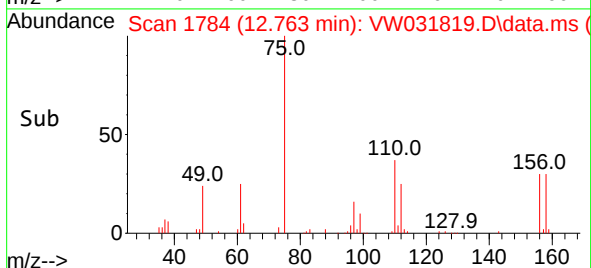
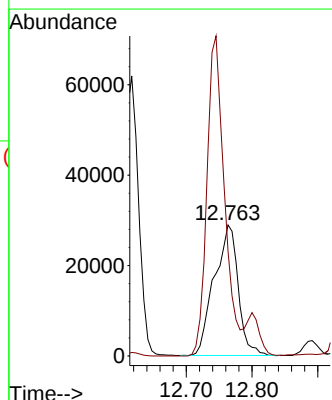
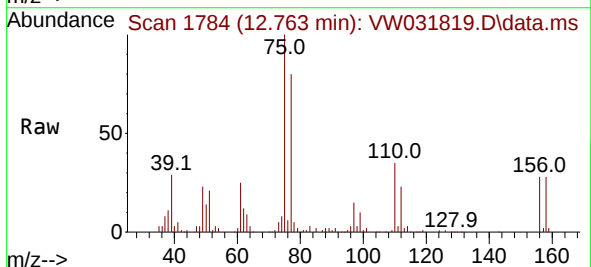
Instrument :
MSVOA_W
ClientSampleId :

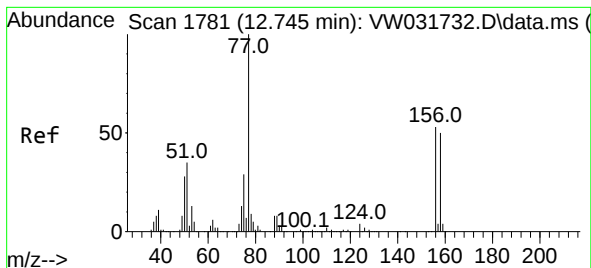
Tgt Ion: 83 Resp: 58177
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 65.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 32.587 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 75 Resp: 73069
Ion Ratio Lower Upper
75 100
77 178.9 141.2 423.6





#77

Bromobenzene

Concen: 21.149 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

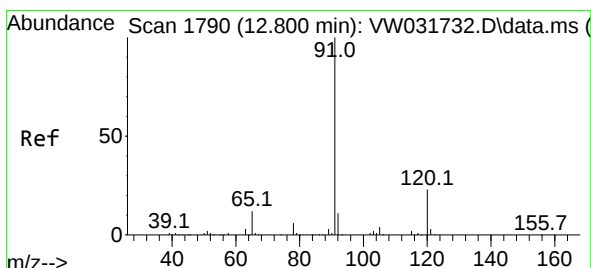
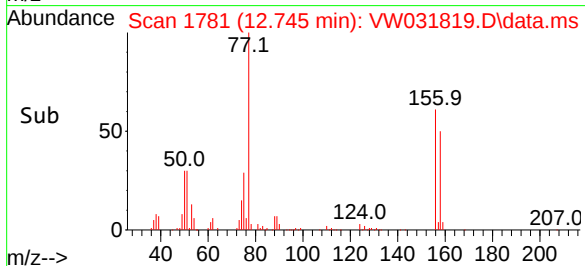
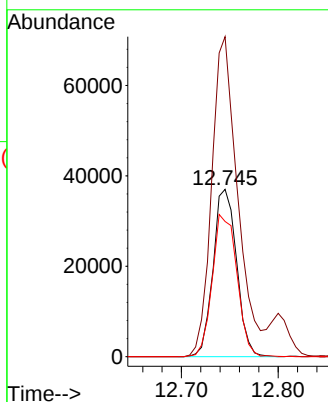
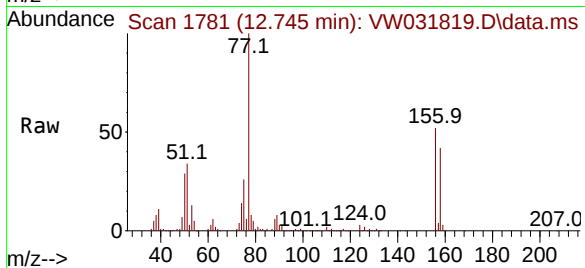
Tgt Ion:156 Resp: 62256

Ion Ratio Lower Upper

156 100

77 210.0 117.9 353.7

158 89.5 52.6 157.8



#78

n-propylbenzene

Concen: 20.570 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031819.D

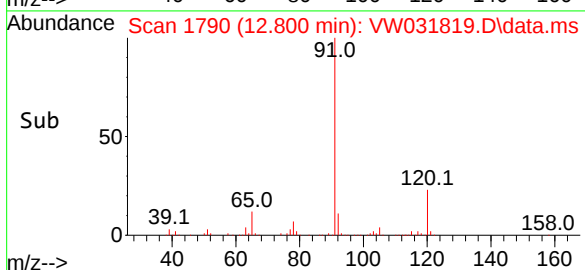
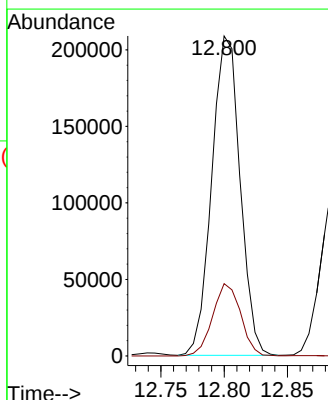
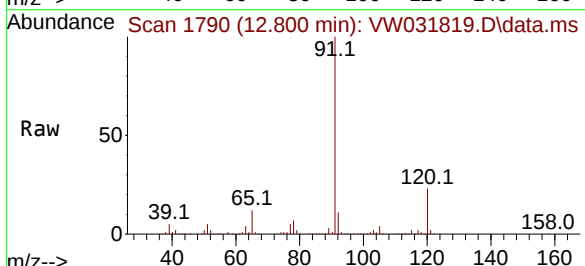
Acq: 11 Jul 2025 14:48

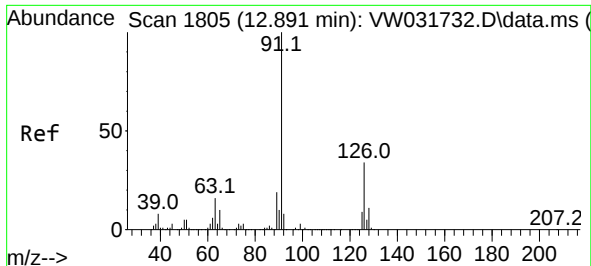
Tgt Ion: 91 Resp: 325111

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

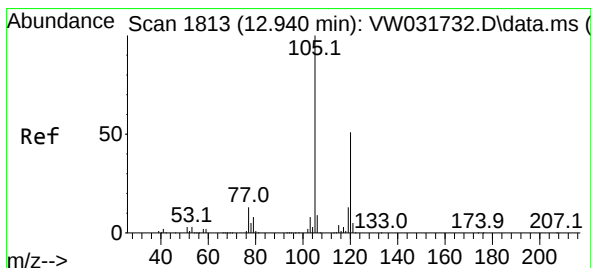
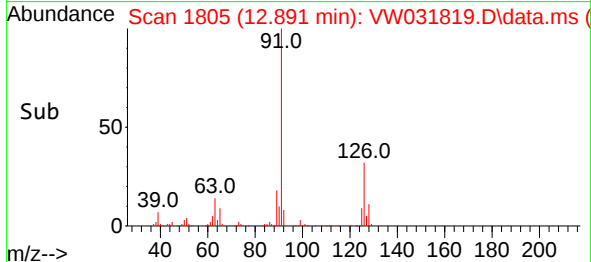
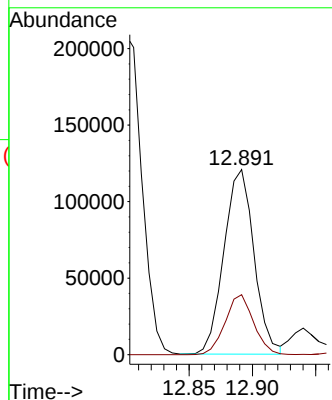
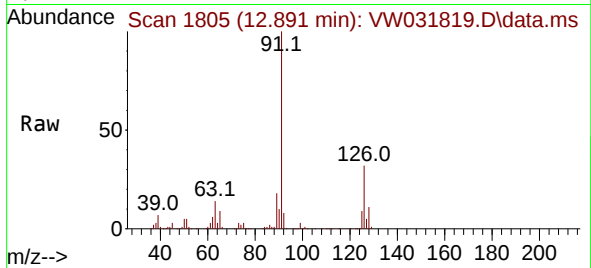




#79
2-Chlorotoluene
Concen: 20.998 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

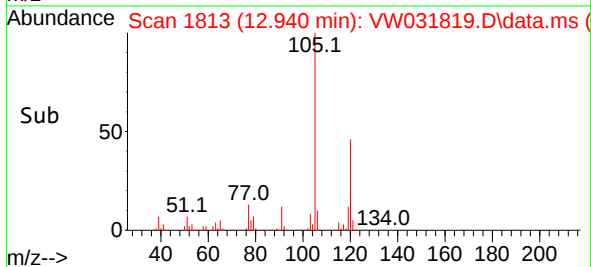
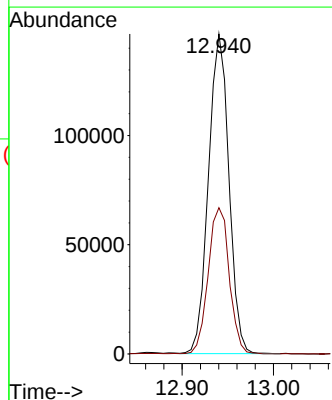
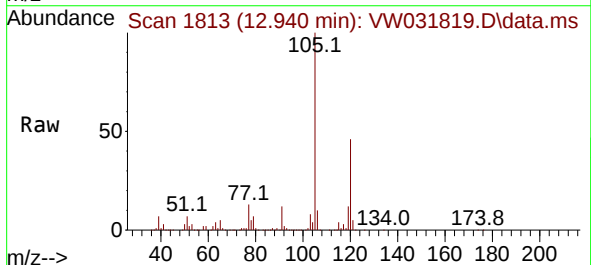
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 199845
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 20.788 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:105 Resp: 227106
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.2

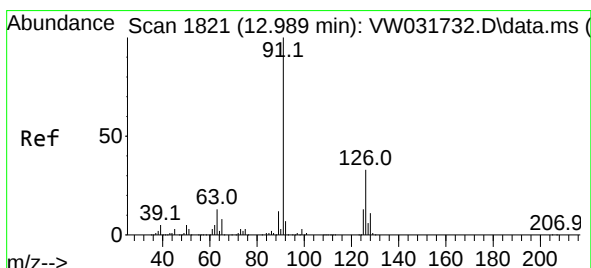
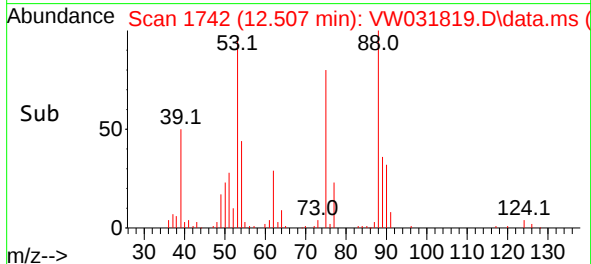
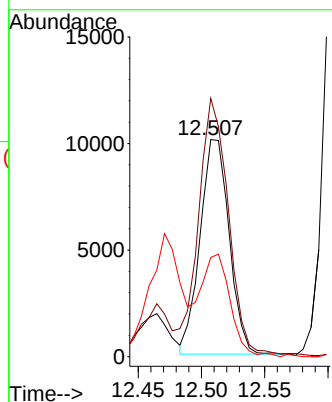
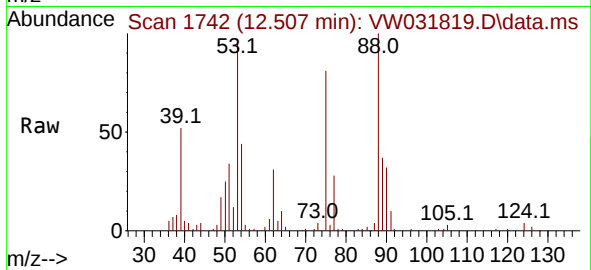




#81
trans-1,4-Dichloro-2-butene
Concen: 16.751 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

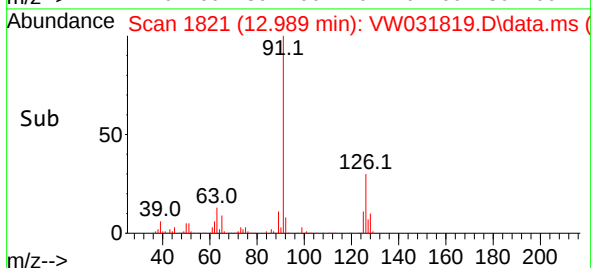
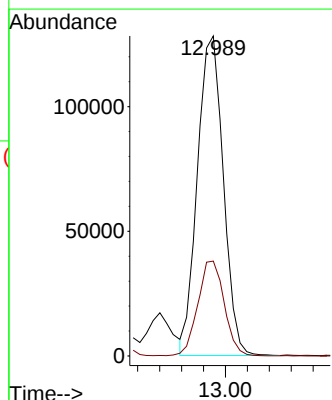
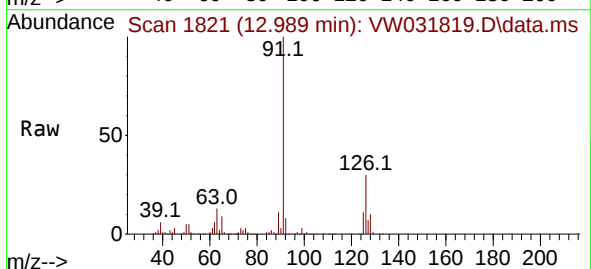
Instrument :
MSVOA_W
ClientSampleId :

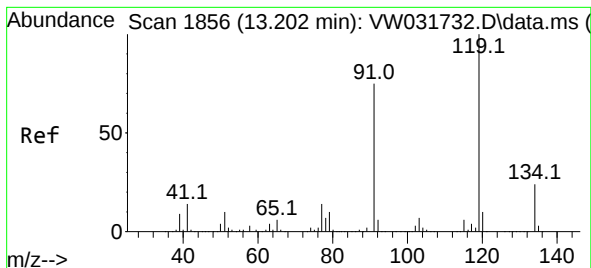
Tgt Ion: 75 Resp: 16126
Ion Ratio Lower Upper
75 100
53 125.8 83.5 125.3#
89 50.3 38.3 57.5



#82
4-Chlorotoluene
Concen: 21.021 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

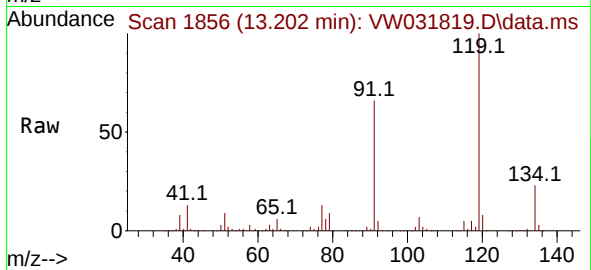
Tgt Ion: 91 Resp: 210042
Ion Ratio Lower Upper
91 100
126 30.3 16.0 47.9



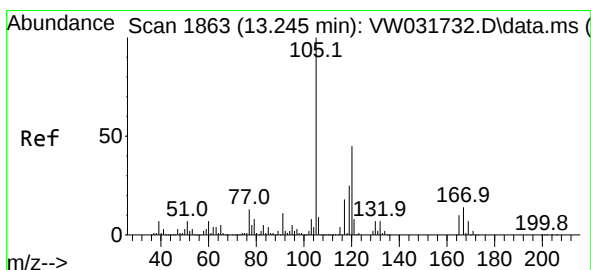
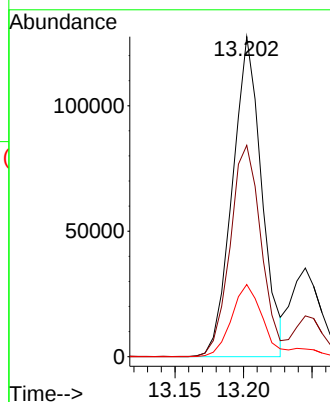
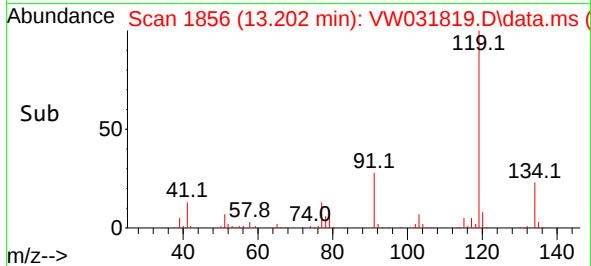


#83
tert-Butylbenzene
Concen: 20.308 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

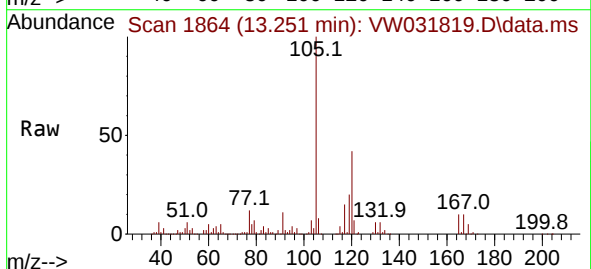
Instrument :
MSVOA_W
ClientSampleId :



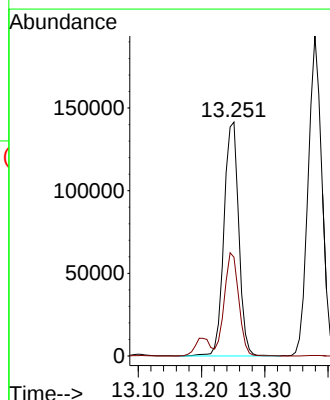
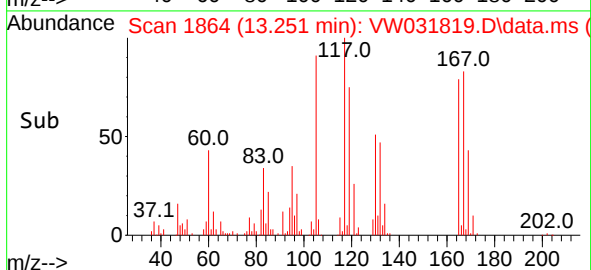
Tgt Ion:119 Resp: 190050
Ion Ratio Lower Upper
119 100
91 69.5 36.0 108.1
134 23.9 12.4 37.2

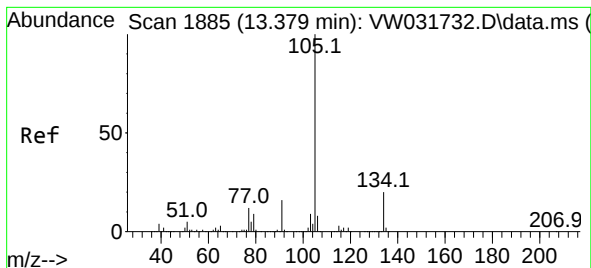


#84
1,2,4-Trimethylbenzene
Concen: 20.680 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.007 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48



Tgt Ion:105 Resp: 228913
Ion Ratio Lower Upper
105 100
120 42.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.774 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

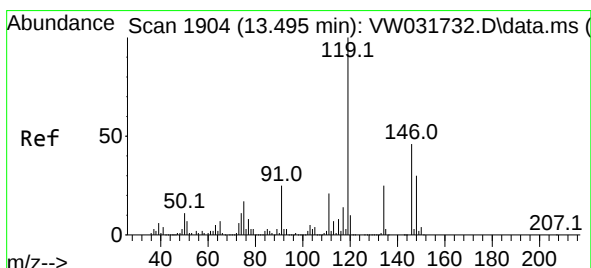
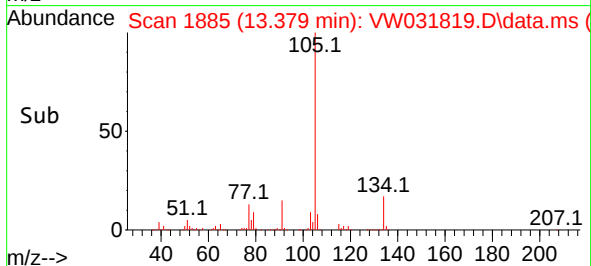
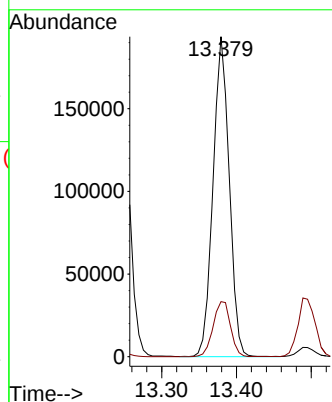
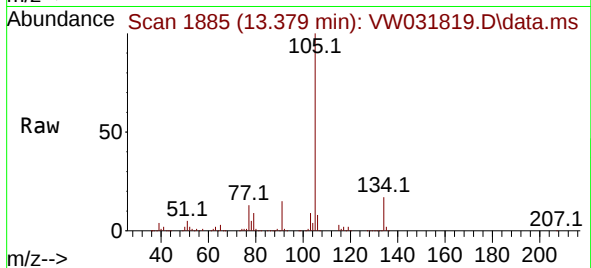
ClientSampleId :

Tgt Ion:105 Resp: 291806

Ion Ratio Lower Upper

105 100

134 18.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.612 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

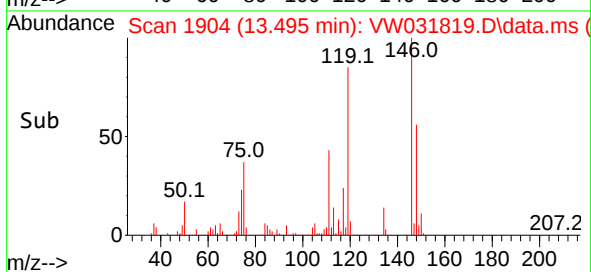
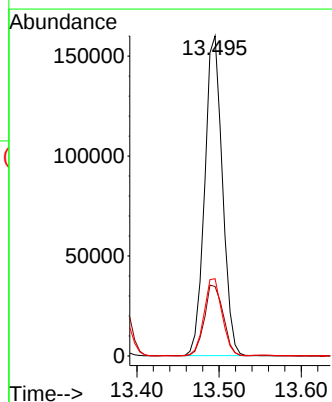
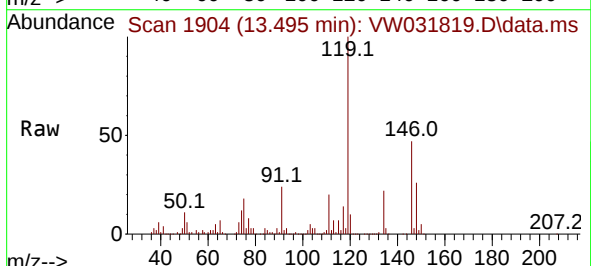
Tgt Ion:119 Resp: 238607

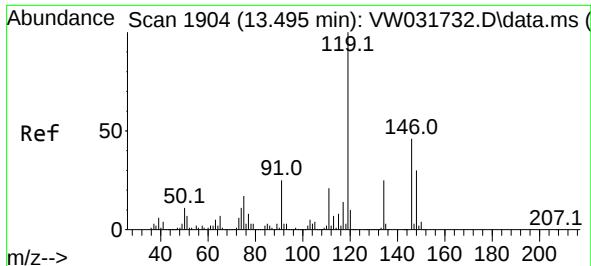
Ion Ratio Lower Upper

119 100

134 23.6 12.9 38.7

91 24.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.530 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

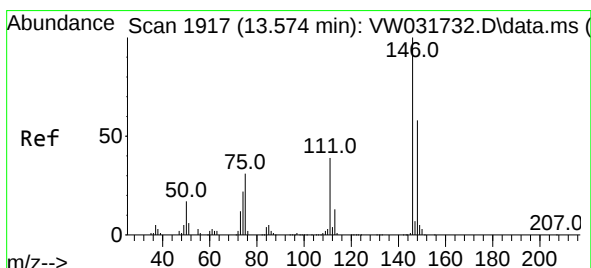
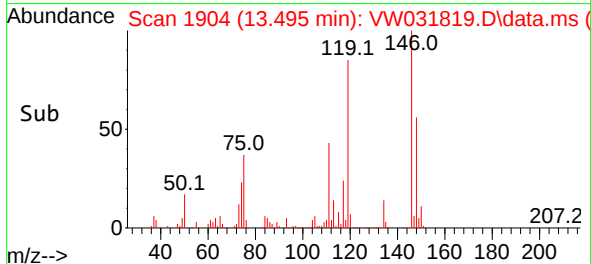
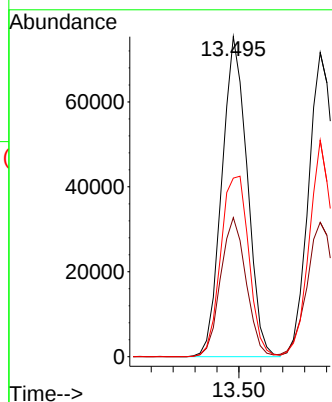
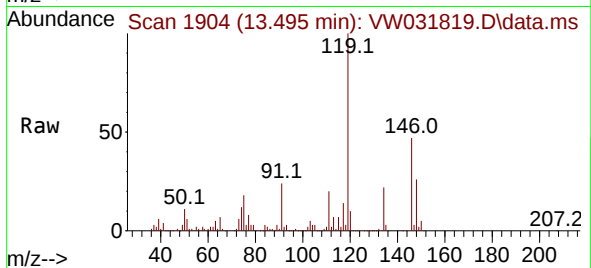
Tgt Ion:146 Resp: 121197

Ion Ratio Lower Upper

146 100

111 43.6 22.3 66.9

148 62.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.695 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

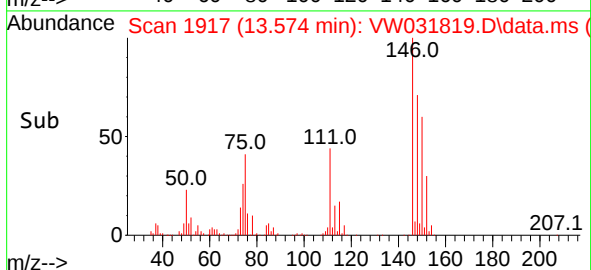
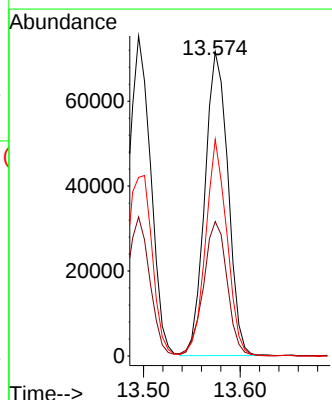
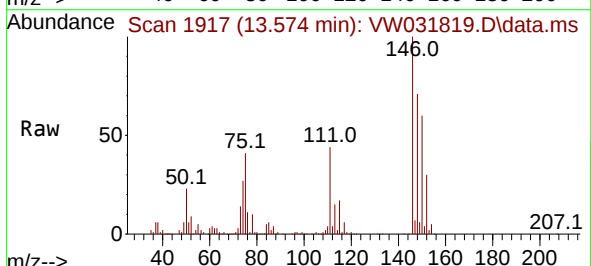
Tgt Ion:146 Resp: 119007

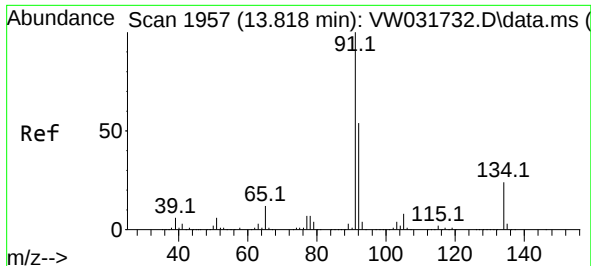
Ion Ratio Lower Upper

146 100

111 45.3 20.4 61.3

148 65.9 30.2 90.6

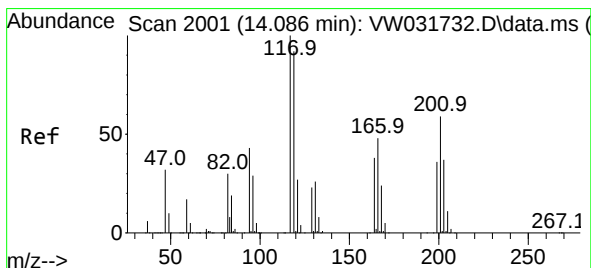
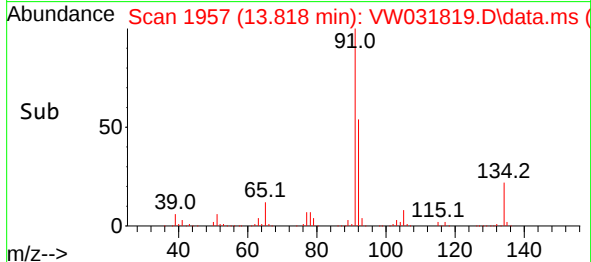
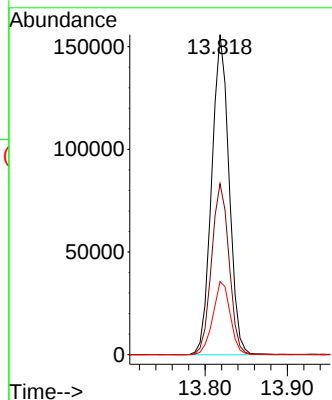
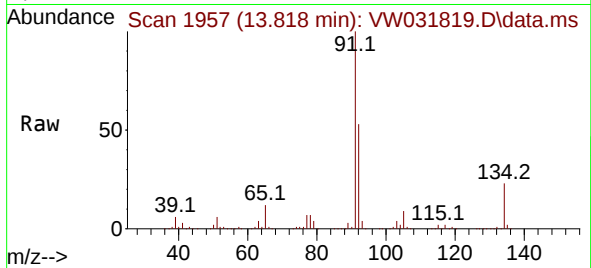




#89
n-Butylbenzene
Concen: 20.362 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

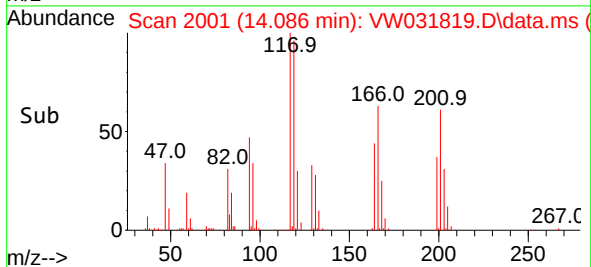
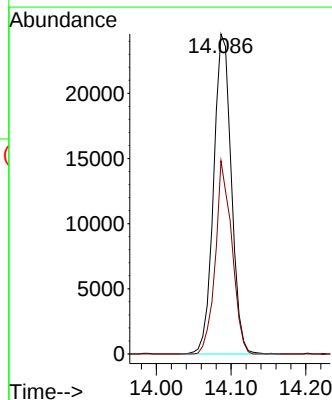
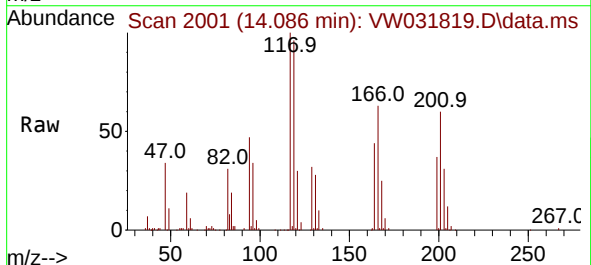
Instrument :
MSVOA_W
ClientSampleId :

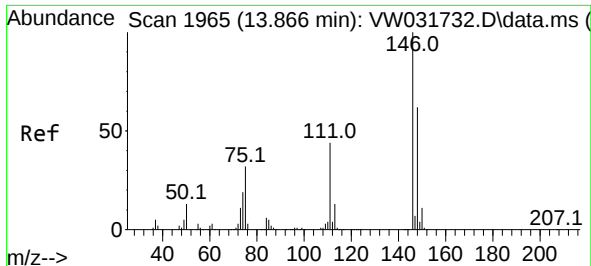
Tgt Ion: 91 Resp: 229026
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.5
134 22.7 12.2 36.6



#90
Hexachloroethane
Concen: 19.341 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion: 117 Resp: 40394
Ion Ratio Lower Upper
117 100
201 56.3 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 20.501 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

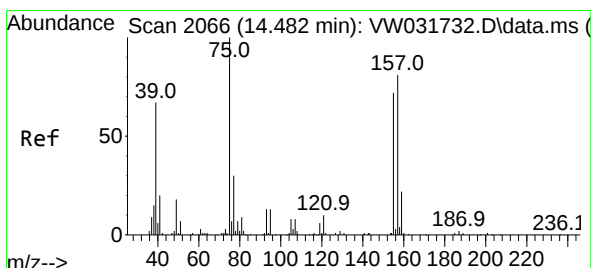
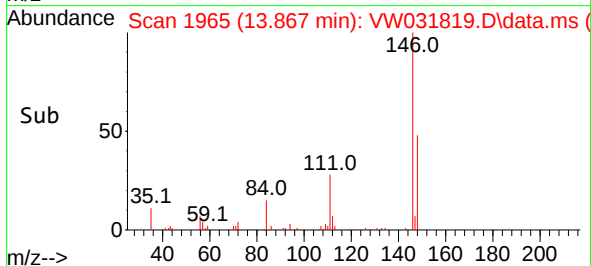
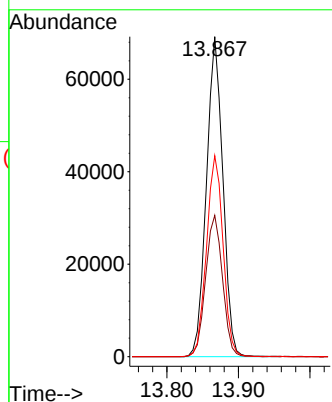
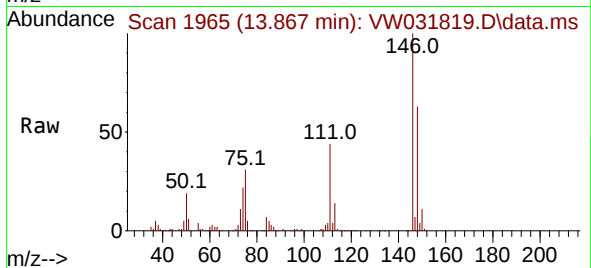
Tgt Ion:146 Resp: 110620

Ion Ratio Lower Upper

146 100

111 45.4 21.7 65.1

148 63.3 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.092 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

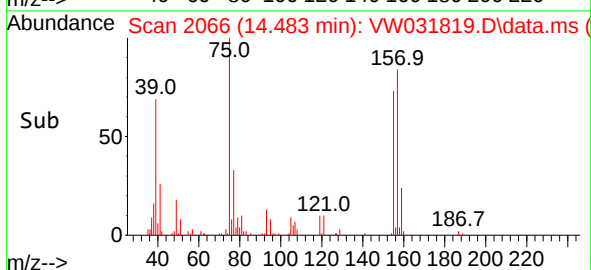
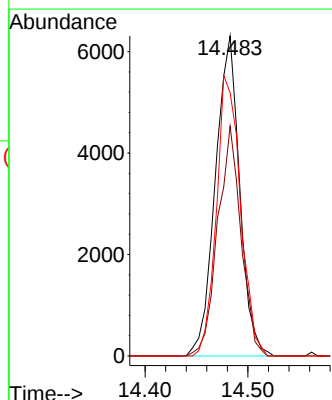
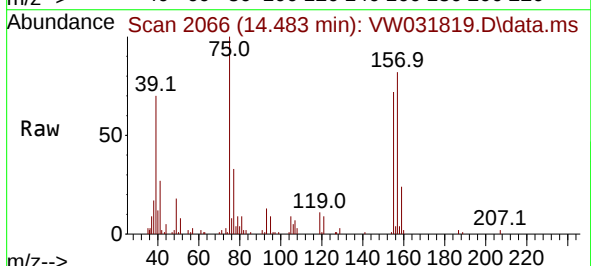
Tgt Ion: 75 Resp: 10351

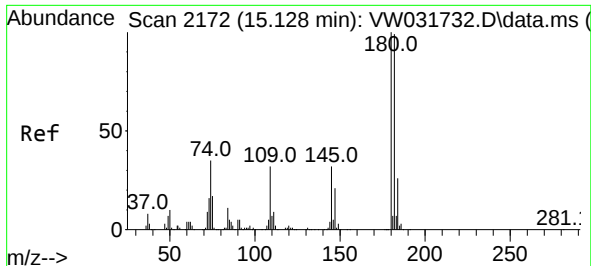
Ion Ratio Lower Upper

75 100

155 68.8 37.2 111.6

157 86.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 17.572 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

Instrument :

MSVOA_W

ClientSampleId :

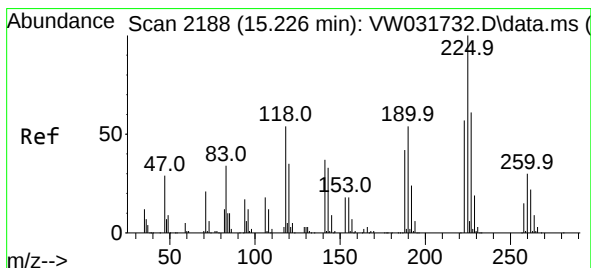
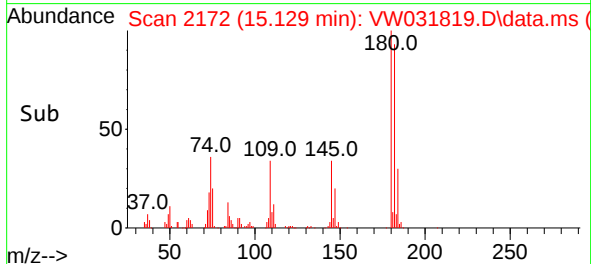
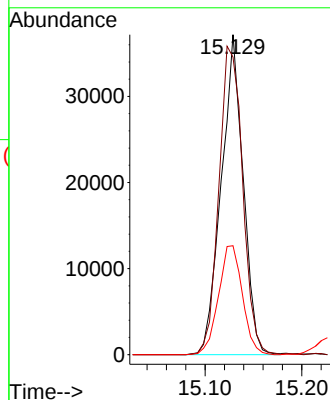
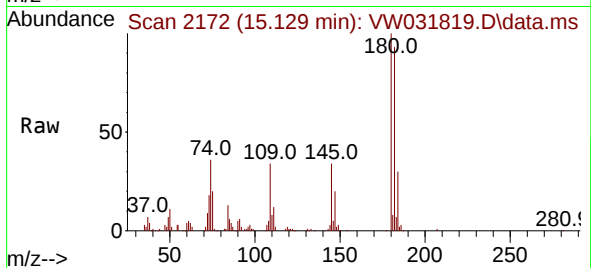
Tgt Ion:180 Resp: 58475

Ion Ratio Lower Upper

180 100

182 104.2 48.6 145.9

145 37.2 17.3 51.7



#94

Hexachlorobutadiene

Concen: 16.855 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031819.D

Acq: 11 Jul 2025 14:48

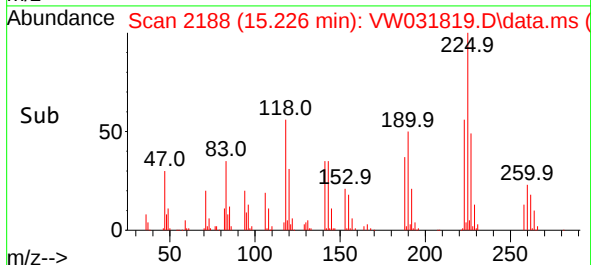
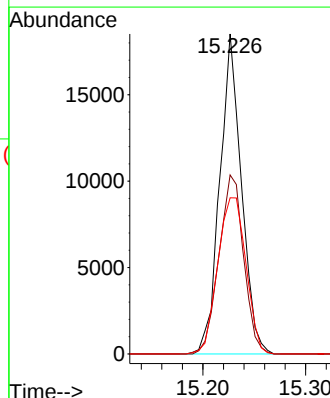
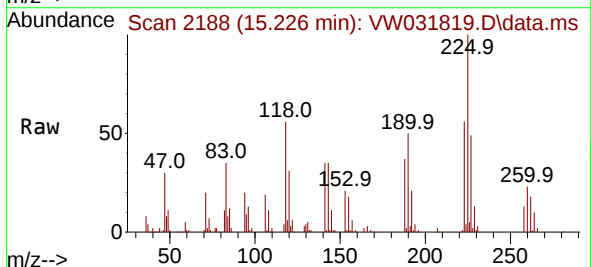
Tgt Ion:225 Resp: 27084

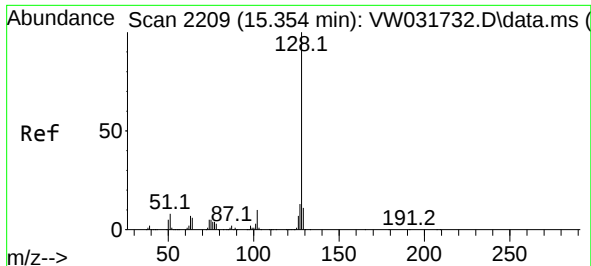
Ion Ratio Lower Upper

225 100

223 63.7 32.6 97.8

227 63.6 37.3 111.8

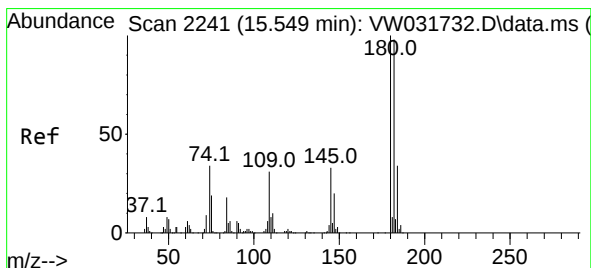
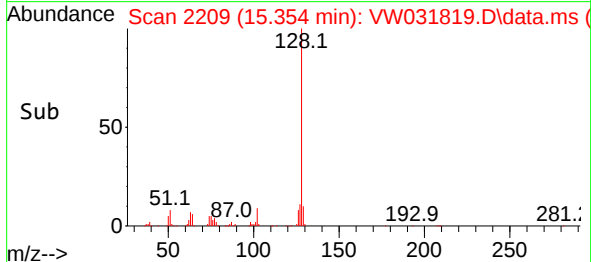
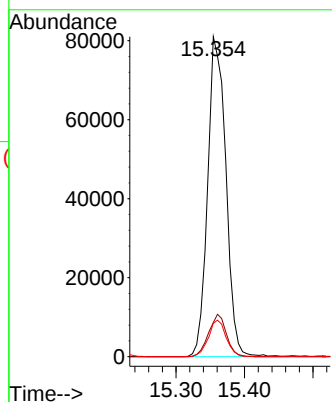
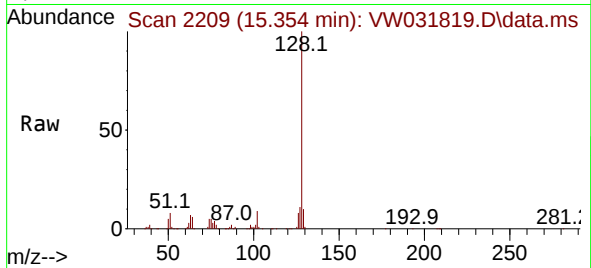




#95
Naphthalene
Concen: 18.421 ug/l
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 150281
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.290 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031819.D
Acq: 11 Jul 2025 14:48

Tgt Ion:180 Resp: 55925
Ion Ratio Lower Upper
180 100
182 90.2 46.4 139.1
145 38.4 17.8 53.3

