

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031149.D
 Acq On : 06 Dec 2024 14:36
 Operator : SY/MD
 Sample : P5066-18
 Misc : 5.33g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 23:40:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.916	114	533	25.000	ug/L	0.08
28) Chlorobenzene-d5	11.629	117	276939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98358	11991.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 47965.800%#	
7) Chloroethane-d5	2.899	69	72910	11457.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 45828.560%#	
11) 1,1-Dichloroethene-d2	4.015	65	49117	13125.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 52500.120%#	
21) 2-Butanone-d5	7.197	46	564	393.172	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	= 786.340%#	
24) Chloroform-d	7.648	84	200004	12811.845	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 51247.360%#	
26) 1,2-Dichloroethane-d4	8.441	65	98	12.758	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	= 51.040%#	
32) Benzene-d6	8.270	84	364911	21.439	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 85.760%	
36) 1,2-Dichloropropane-d6	9.270	67	119549	23.977	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.920%	
41) Toluene-d8	10.319	98	319482	20.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 83.200%	
43) trans-1,3-Dichloroprop...	10.575	79	40231	20.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 80.160%	
47) 2-Hexanone-d5	10.922	63	20191	34.565	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 69.140%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76944	22.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.480%	
66) 1,2-Dichlorobenzene-d4	13.848	152	59311	20.568	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 82.280%	
Target Compounds						Qvalue
3) Chloromethane	2.210	50	194	24.438	ug/L #	52
5) Vinyl chloride	2.357	62	352	36.914	ug/L #	1
6) Bromomethane	2.808	94	63	10.390	ug/L #	5
8) Chloroethane	2.924	64	113	19.812	ug/L	86
9) Trichlorofluoromethane	3.015	101	39	3.887	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	114	14.956	ug/L #	19
12) 1,1-Dichloroethene	4.021	96	761	100.533	ug/L #	1
13) Acetone	4.210	43	168	65.051	ug/L	92
14) Carbon disulfide	4.399	76	63	2.538	ug/L #	74
15) Methyl Acetate	4.692	43	112	41.329	ug/L #	49
16) Methylene chloride	4.905	84	212	27.482	ug/L #	3
19) 1,1-Dichloroethane	6.356	63	56	3.784	ug/L #	51
22) 2-Butanone	7.100	43	401	165.217	ug/L	88
25) Chloroform	7.661	83	389	25.270	ug/L #	1
27) 1,2-Dichloroethane	8.392	62	116	12.234	ug/L #	74
34) Trichloroethene	8.837	95	11125	2.154	ug/L #	5
39) cis-1,3-Dichloropropene	10.032	75	3007	0.428	ug/L	92
48) 2-Hexanone	10.953	43	5964	3.160	ug/L #	38

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MSVOA_W
ClientSampleId :

Quant Time: Dec 06 23:40:05 2024
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Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

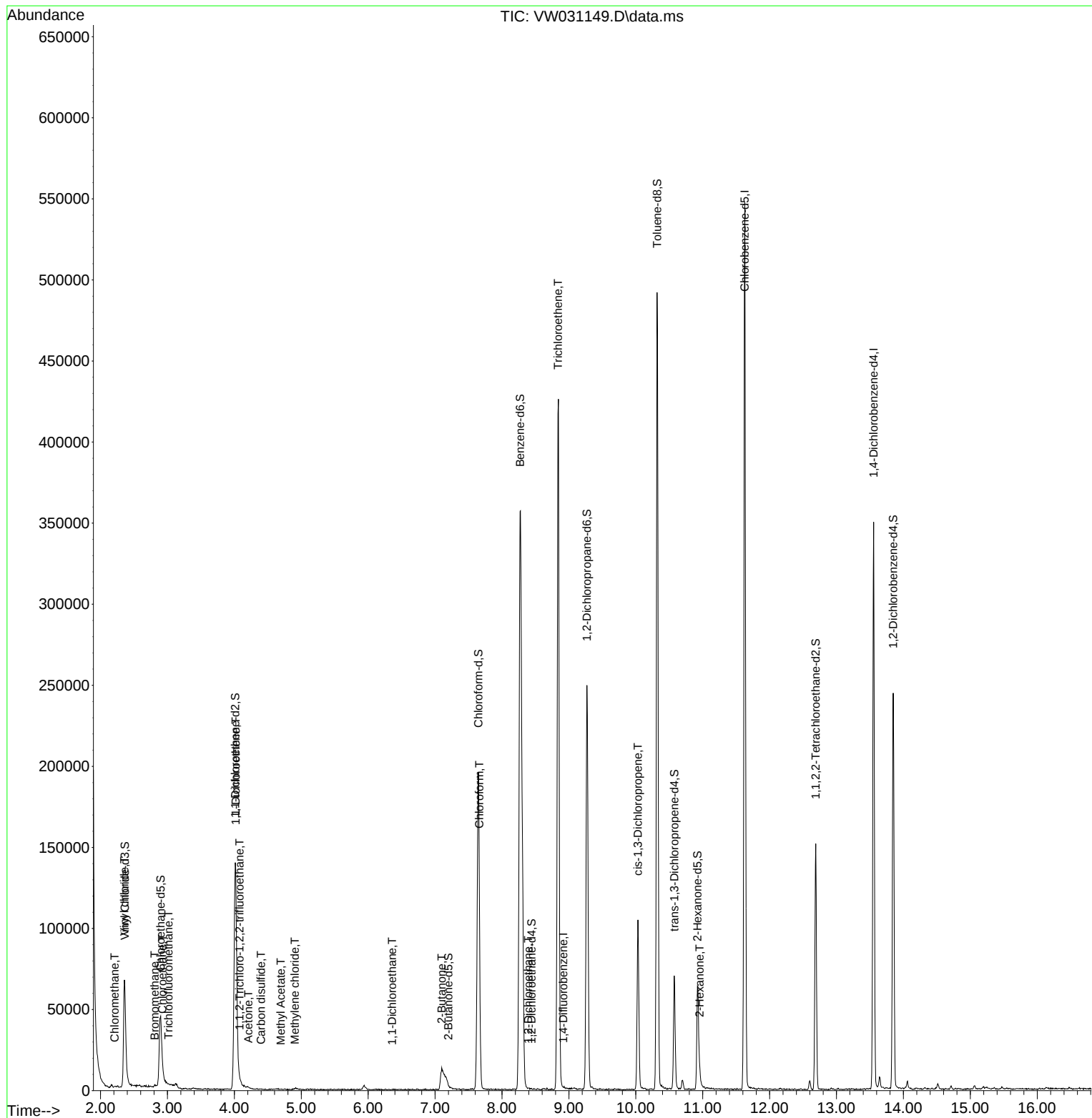
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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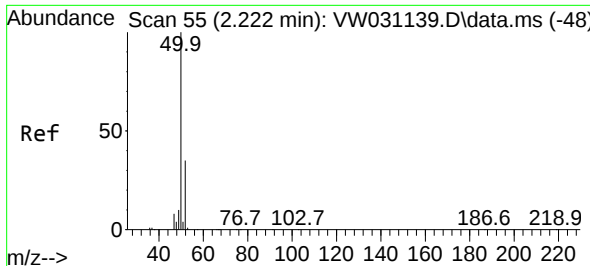
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

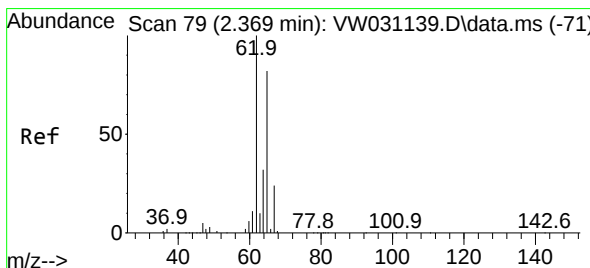
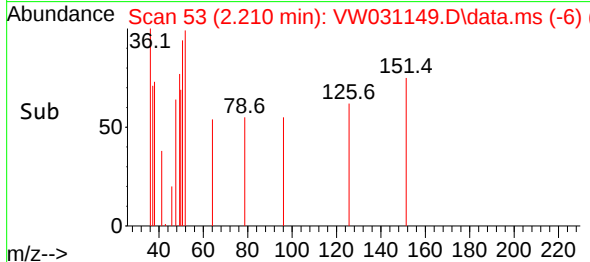
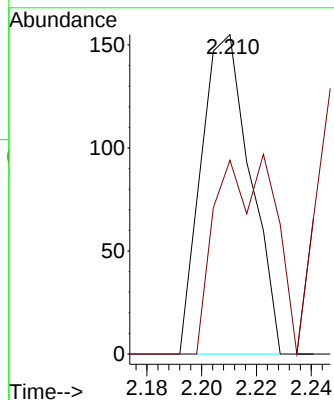
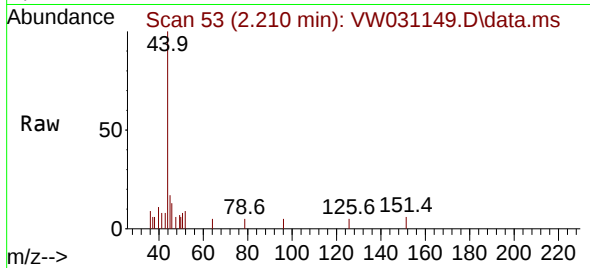




#3
Chloromethane
Concen: 24.438 ug/L
RT: 2.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

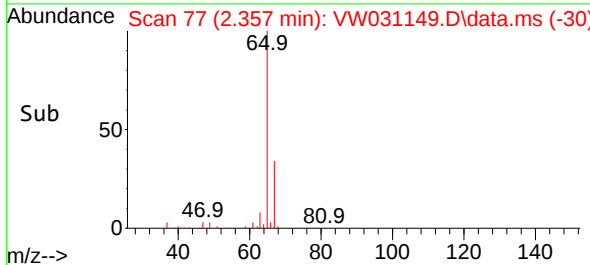
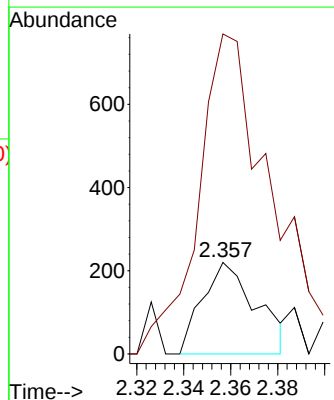
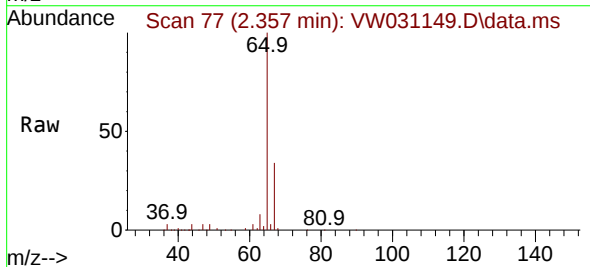
Instrument :
MSVOA_W
ClientSampleId :

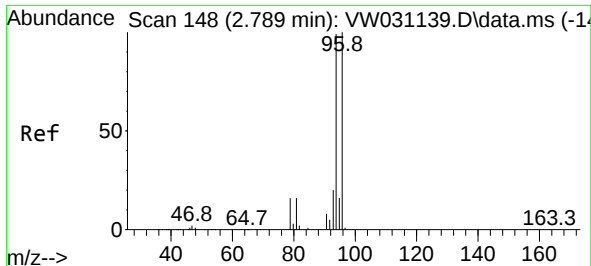
Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 60.6 23.4 43.6#



#5
Vinyl chloride
Concen: 36.914 ug/L
RT: 2.357 min Scan# 77
Delta R.T. -0.012 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Tgt Ion: 62 Resp: 352
Ion Ratio Lower Upper
62 100
64 349.5 22.7 42.1#

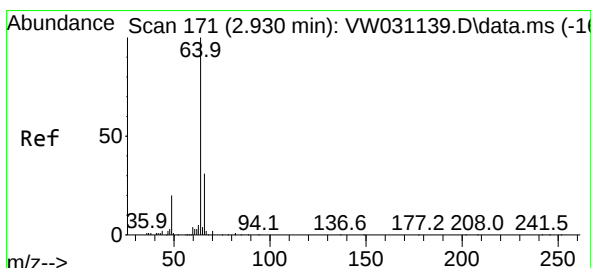
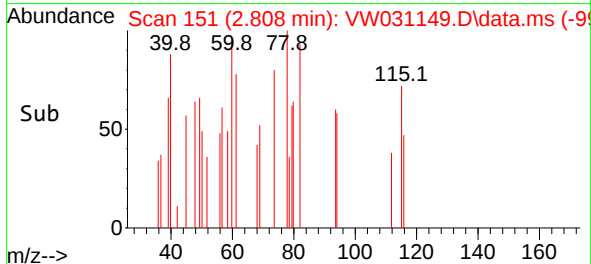
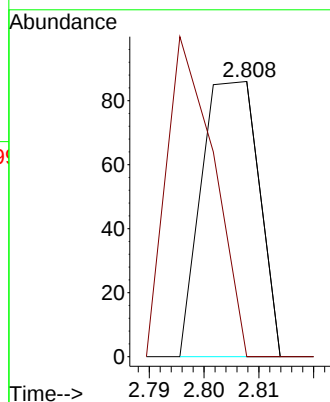
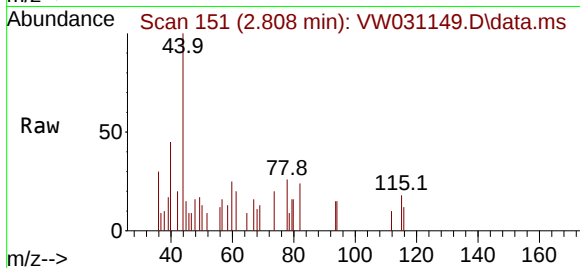




#6
Bromomethane
Concen: 10.390 ug/L
RT: 2.808 min Scan# 11
Delta R.T. 0.018 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

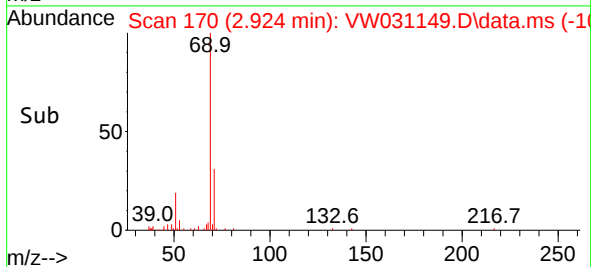
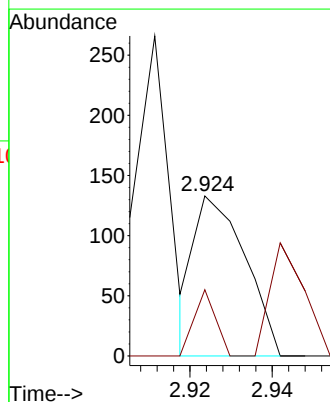
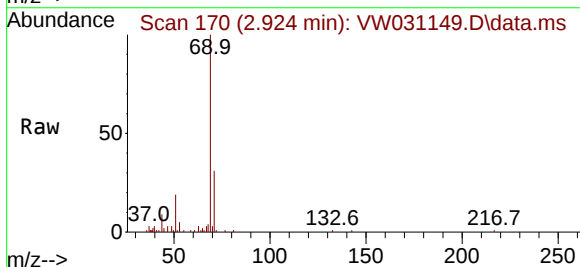
Instrument :
MSVOA_W
ClientSampleId :

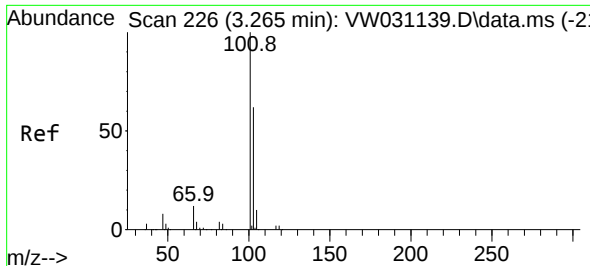
Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 62.6 116.3#



#8
Chloroethane
Concen: 19.812 ug/L
RT: 2.924 min Scan# 170
Delta R.T. -0.006 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

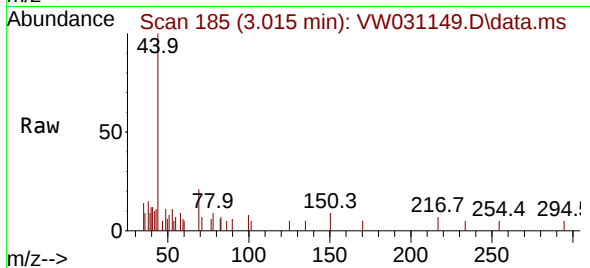
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 41.4 23.2 43.2



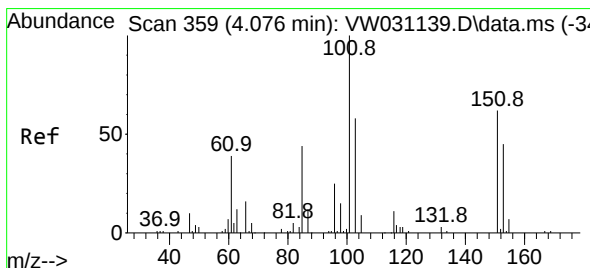
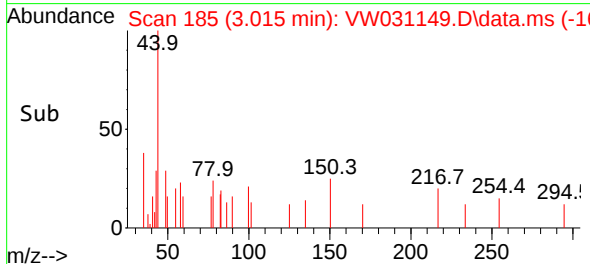
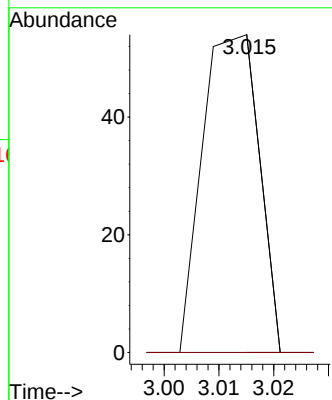


#9
Trichlorofluoromethane
Concen: 3.887 ug/L
RT: 3.015 min Scan# 11
Delta R.T. -0.250 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Instrument :
MSVOA_W
ClientSampleId :

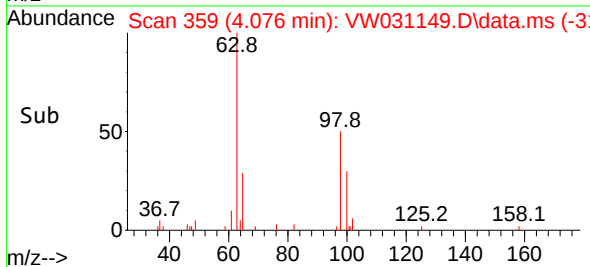
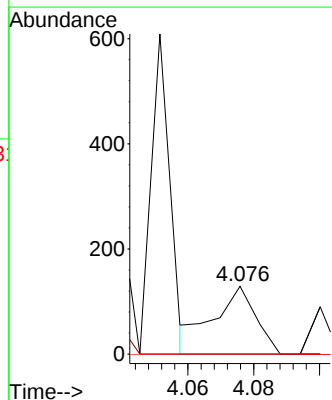
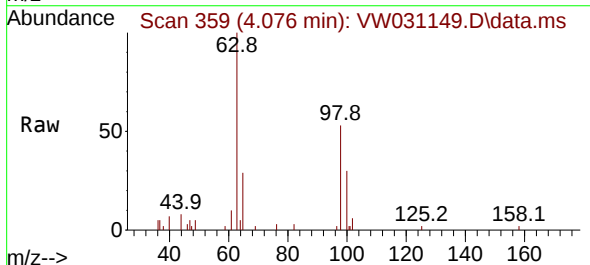


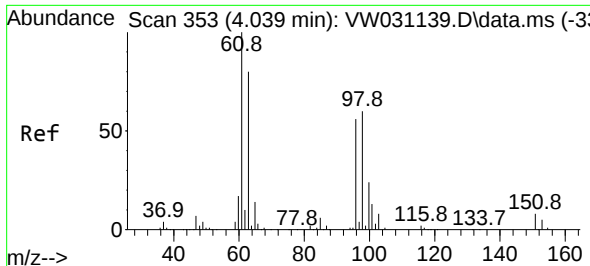
Tgt Ion:101 Resp: 39
Ion Ratio Lower Upper
101 100
103 117.9 50.7 76.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.956 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Tgt Ion:101 Resp: 114
Ion Ratio Lower Upper
101 100
85 0.0 33.9 50.9#
151 0.0 61.8 92.6#





#12

1,1-Dichloroethene

Concen: 100.533 ug/L

RT: 4.021 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW031149.D

Acq: 06 Dec 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

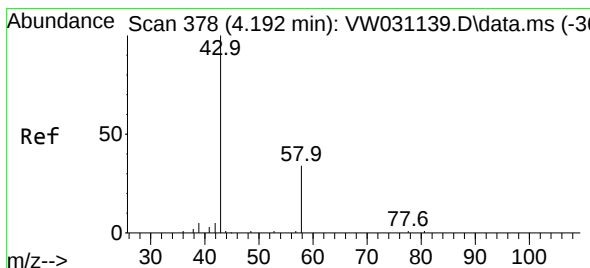
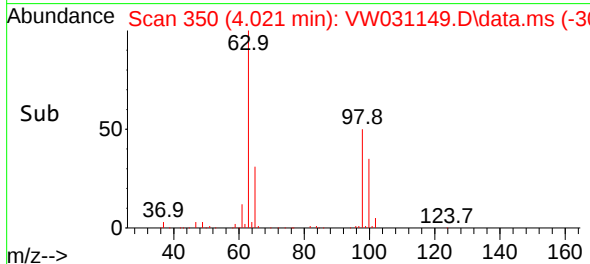
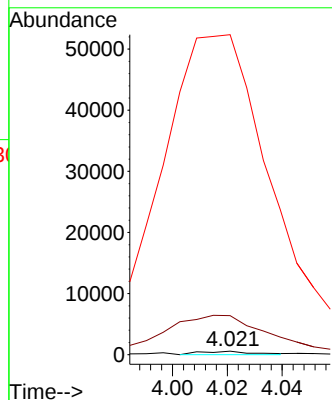
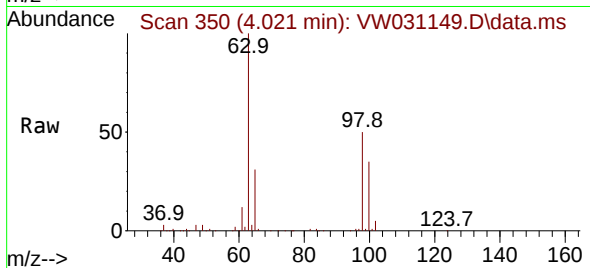
Tgt Ion: 96 Resp: 761

Ion Ratio Lower Upper

96 100

61 614.4 113.5 210.9#

63 5040.2 73.8 137.2#



#13

Acetone

Concen: 65.051 ug/L

RT: 4.210 min Scan# 381

Delta R.T. 0.018 min

Lab File: VW031149.D

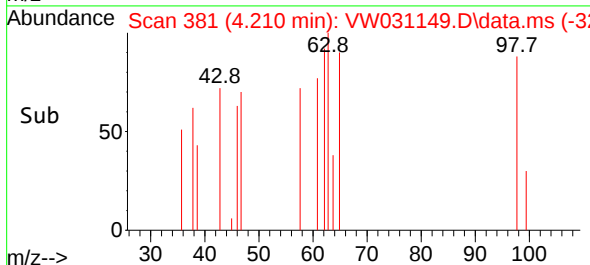
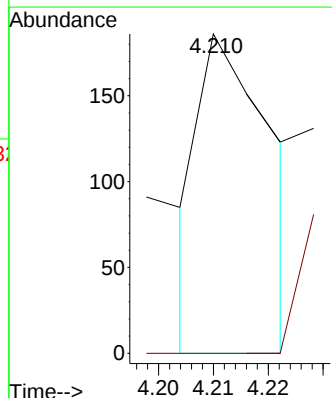
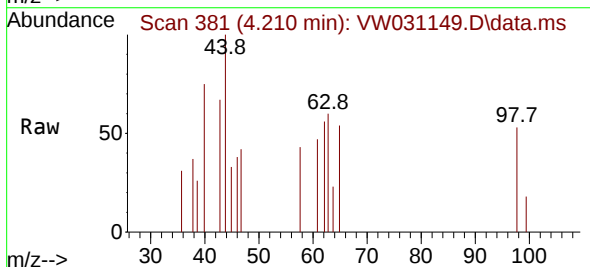
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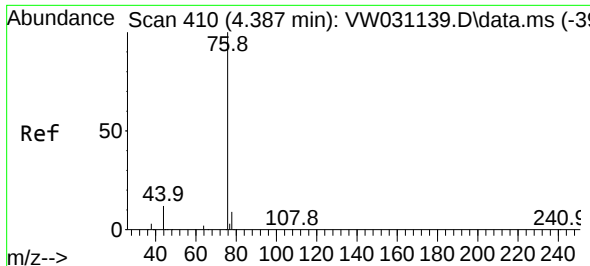
Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

58 38.1 0.0 67.2

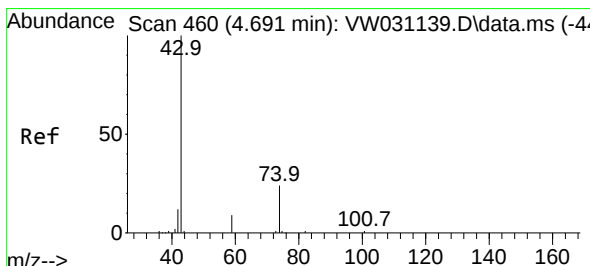
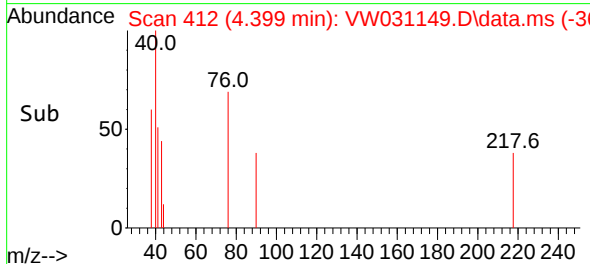
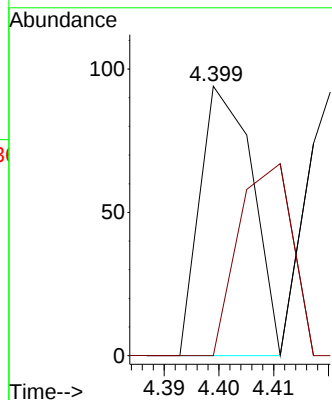
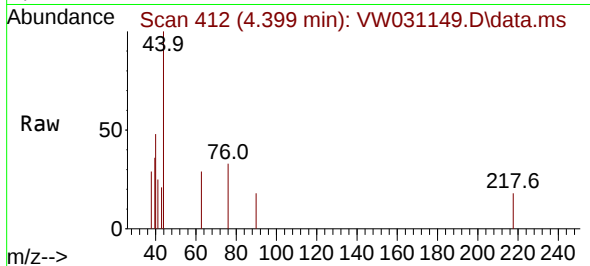




#14
Carbon disulfide
Concen: 2.538 ug/L
RT: 4.399 min Scan# 410
Delta R.T. 0.012 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

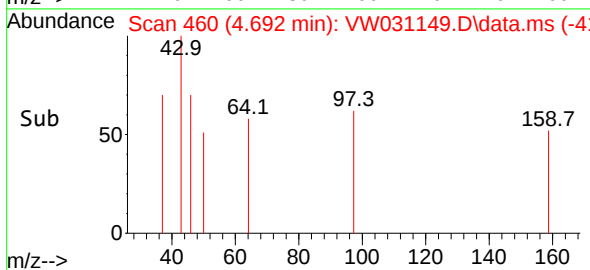
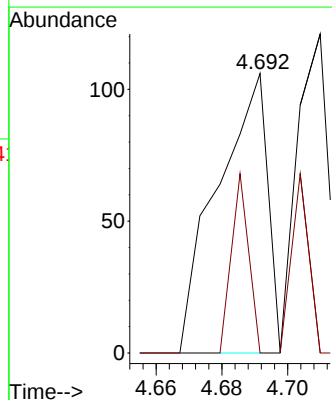
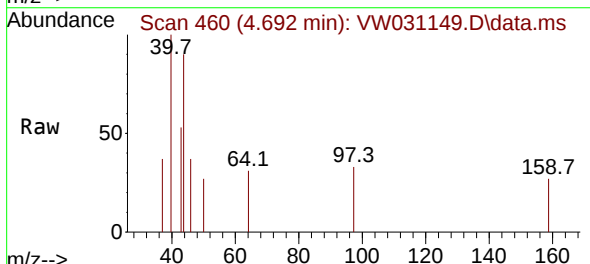
Instrument :
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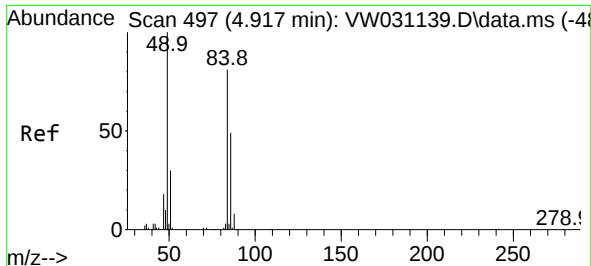
Tgt Ion: 76 Resp: 63
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#15
Methyl Acetate
Concen: 41.329 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

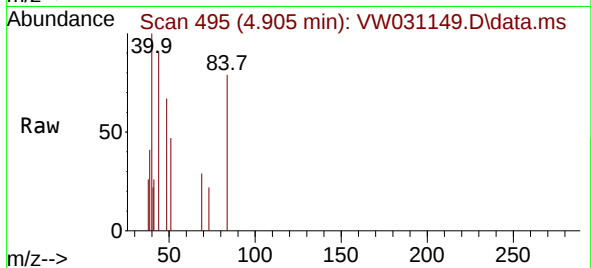
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



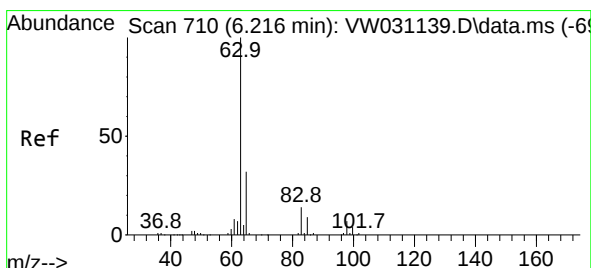
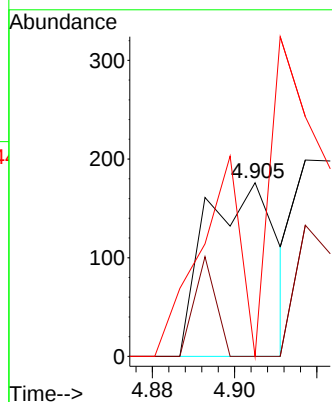
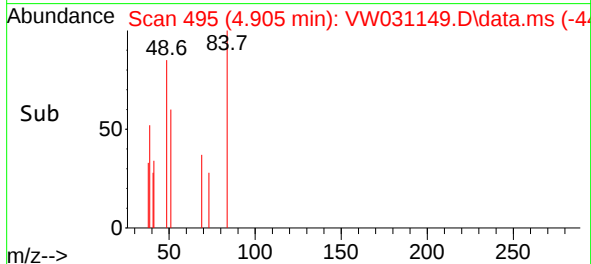


#16
Methylene chloride
Concen: 27.482 ug/L
RT: 4.905 min Scan# 495
Delta R.T. -0.012 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Instrument :
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ClientSampleId :

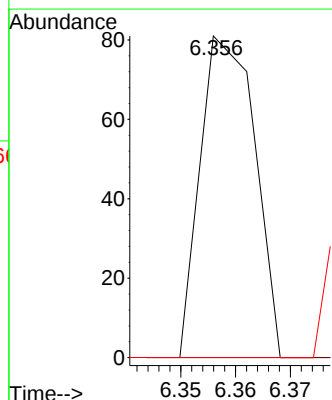
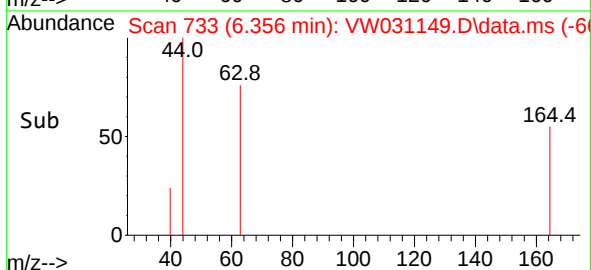
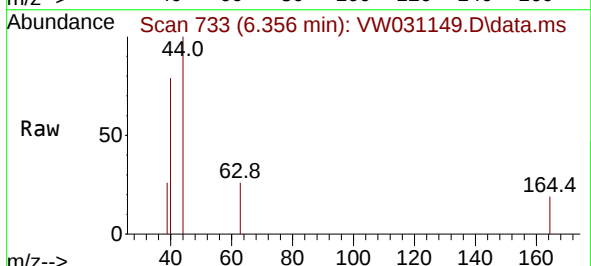


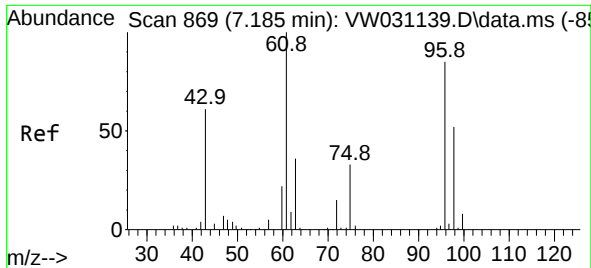
Tgt Ion: 84 Resp: 212
Ion Ratio Lower Upper
84 100
86 0.0 44.9 83.5#
49 0.0 79.9 148.5#



#19
1,1-Dichloroethane
Concen: 3.784 ug/L
RT: 6.356 min Scan# 733
Delta R.T. 0.140 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Tgt Ion: 63 Resp: 56
Ion Ratio Lower Upper
63 100
65 0.0 21.7 40.3#
83 0.0 8.9 16.5#

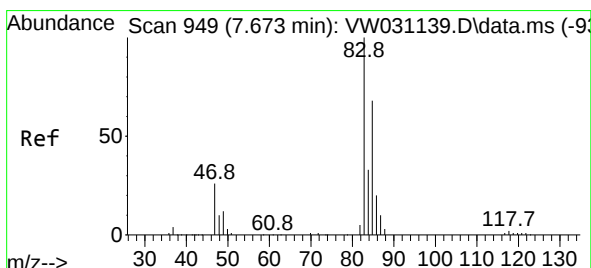
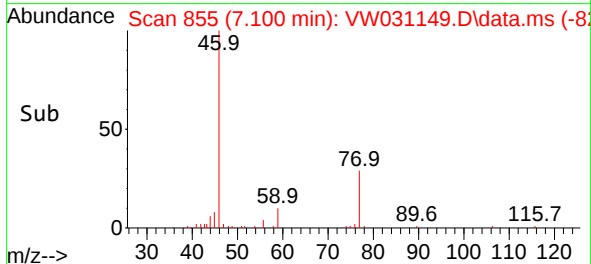
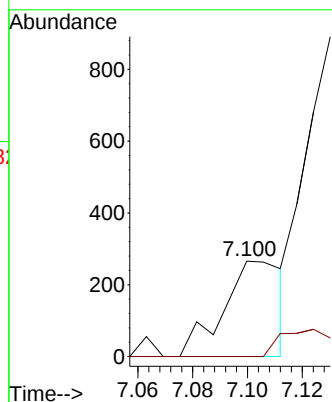
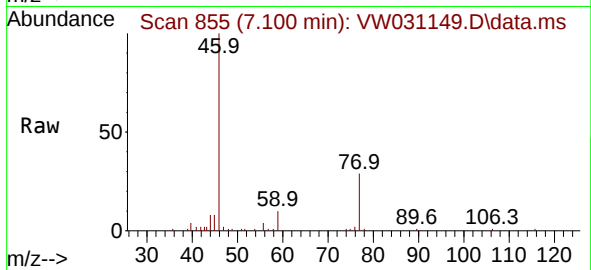




#22
2-Butanone
Concen: 165.217 ug/L
RT: 7.100 min Scan# 81
Delta R.T. -0.085 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

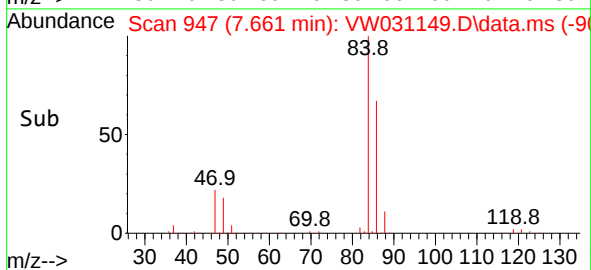
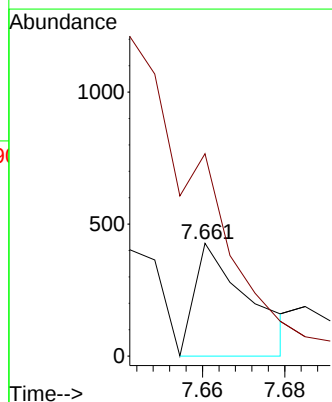
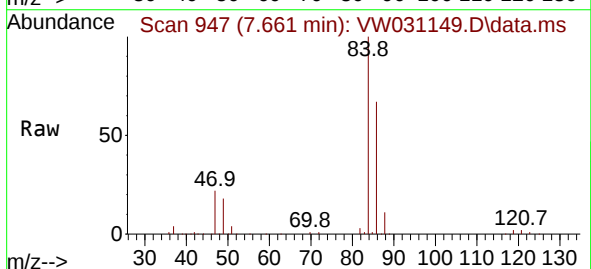
Instrument :
MSVOA_W
ClientSampleId :

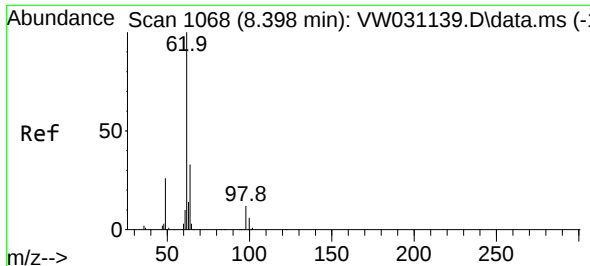
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
72 23.4 14.9 44.7



#25
Chloroform
Concen: 25.270 ug/L
RT: 7.661 min Scan# 947
Delta R.T. -0.012 min
Lab File: VW031149.D
Acq: 06 Dec 2024 14:36

Tgt Ion: 83 Resp: 389
Ion Ratio Lower Upper
83 100
85 179.6 46.5 86.3#





#27

1,2-Dichloroethane

Concen: 12.234 ug/L

RT: 8.392 min Scan# 110

Delta R.T. -0.006 min

Lab File: VW031149.D

Acq: 06 Dec 2024 14:36

Instrument :

MSVOA_W

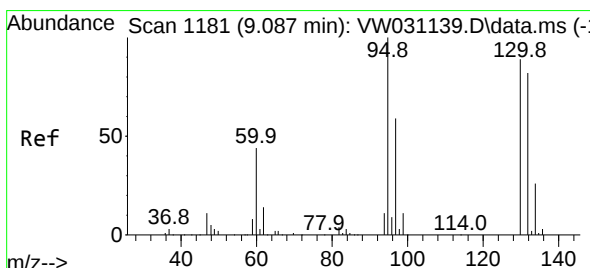
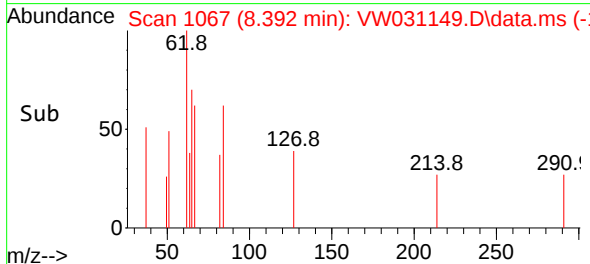
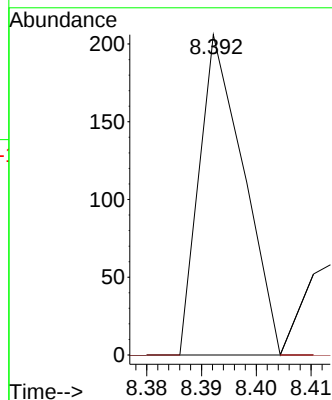
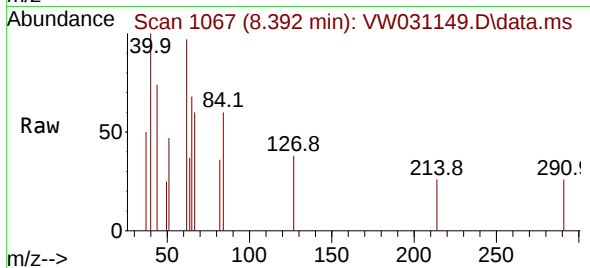
ClientSampleId :

Tgt Ion: 62 Resp: 116

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#34

Trichloroethene

Concen: 2.154 ug/L

RT: 8.837 min Scan# 1140

Delta R.T. -0.250 min

Lab File: VW031149.D

Acq: 06 Dec 2024 14:36

Tgt Ion: 95 Resp: 11125

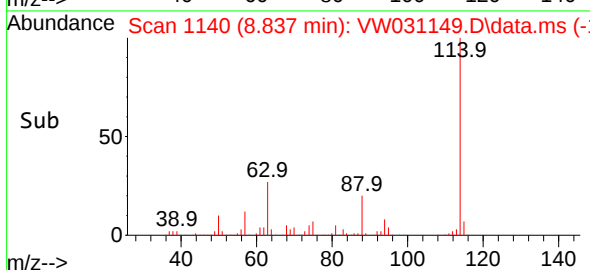
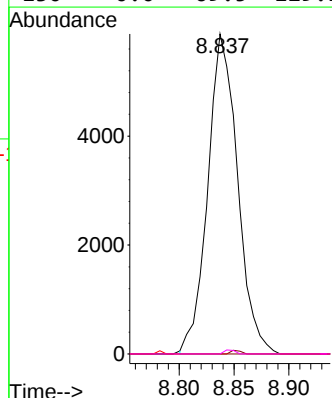
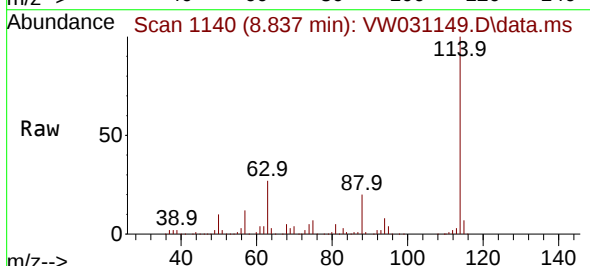
Ion Ratio Lower Upper

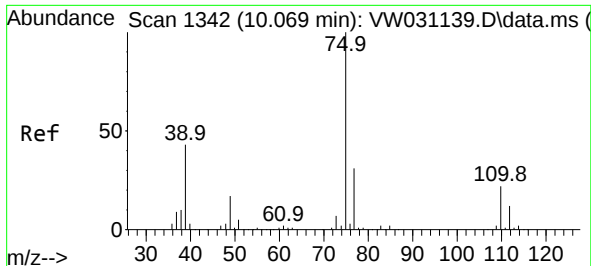
95 100

97 1.1 48.0 89.2#

132 0.0 67.4 125.2#

130 0.0 69.5 129.1#





#39

cis-1,3-Dichloropropene

Concen: 0.428 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW031149.D

Acq: 06 Dec 2024 14:36

Instrument :

MSVOA_W

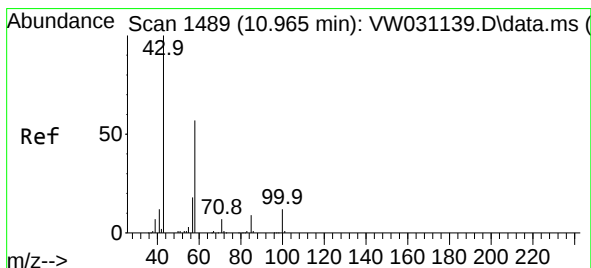
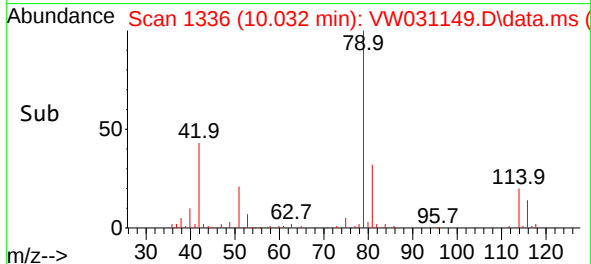
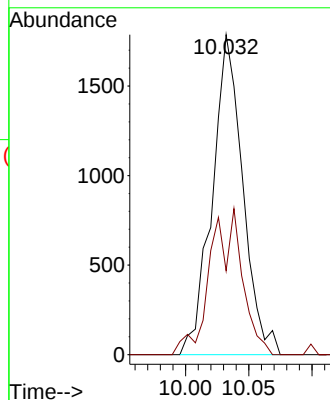
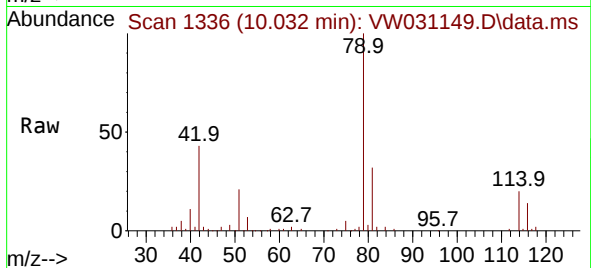
ClientSampleId :

Tgt Ion: 75 Resp: 3007

Ion Ratio Lower Upper

75 100

77 26.2 21.6 40.2



#48

2-Hexanone

Concen: 3.160 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VW031149.D

Acq: 06 Dec 2024 14:36

Tgt Ion: 43 Resp: 5964

Ion Ratio Lower Upper

43 100

58 3.8 49.8 74.6#

57 1.2 16.6 24.8#

100 1.2 11.4 17.2#

