

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031148.D
 Acq On : 06 Dec 2024 14:12
 Operator : SY/MD
 Sample : P5066-20
 Misc : 3.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 23:39:40 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	8.843	114	7303	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	5521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	4049	36.028	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 144.120%		
7) Chloroethane-d5	2.893	69	3355	38.478	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 153.920%#		
11) 1,1-Dichloroethene-d2	3.990	65	37	0.722	ug/L	-0.02
Spiked Amount	25.000	Range 45 - 110	Recovery	= 2.880%#		
21) 2-Butanone-d5	7.100	46	303	15.416	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 30.840%		
24) Chloroform-d	7.654	84	690	3.226	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 12.920%#		
26) 1,2-Dichloroethane-d4	8.313	65	3760	35.724	ug/L	0.01
Spiked Amount	25.000	Range 70 - 130	Recovery	= 142.880%#		
32) Benzene-d6	8.282	84	10425	30.722	ug/L	0.01
Spiked Amount	25.000	Range 20 - 135	Recovery	= 122.880%		
36) 1,2-Dichloropropane-d6	9.270	67	3713	37.355	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 149.400%#		
41) Toluene-d8	10.319	98	6475	21.144	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 84.560%		
43) trans-1,3-Dichloroprop...	10.575	79	915	22.865	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 91.480%		
47) 2-Hexanone-d5	10.940	63	63	5.410	ug/L	0.02
Spiked Amount	50.000	Range 20 - 135	Recovery	= 10.820%#		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	23	0.343	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 1.360%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	892	25.138	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 100.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	57	0.618	ug/L #	2
5) Vinyl chloride	2.357	62	96	0.735	ug/L #	42
8) Chloroethane	2.887	64	46	0.589	ug/L #	41
13) Acetone	4.167	43	243	6.867	ug/L	92
14) Carbon disulfide	4.405	76	1040	3.058	ug/L #	74
15) Methyl Acetate	4.880	43	45	1.212	ug/L #	49
19) 1,1-Dichloroethane	6.216	63	215	1.060	ug/L #	51
25) Chloroform	7.679	83	6472	30.685	ug/L	85
34) Trichloroethene	9.093	95	876	8.506	ug/L #	44
35) Methylcyclohexane	9.270	83	648	3.954	ug/L #	1
37) 1,2-Dichloropropane	9.276	63	392	4.221	ug/L #	85
39) cis-1,3-Dichloropropene	10.044	75	57	0.406	ug/L #	44
40) 4-Methyl-2-pentanone	10.215	43	112	2.693	ug/L #	41
42) Toluene	10.386	91	545	1.386	ug/L #	68
45) 1,1,2-Trichloroethane	10.690	97	66	1.034	ug/L #	17
52) Ethylbenzene	11.830	91	255	0.572	ug/L	93
53) m,p-Xylene	11.824	106	88	0.531	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.684	83	45	0.651	ug/L #	23
60) Isopropylbenzene	13.251	105	85	0.527	ug/L #	35

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031148.D
Acq On : 06 Dec 2024 14:12
Operator : SY/MD
Sample : P5066-20
Misc : 3.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 06 23:39:40 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

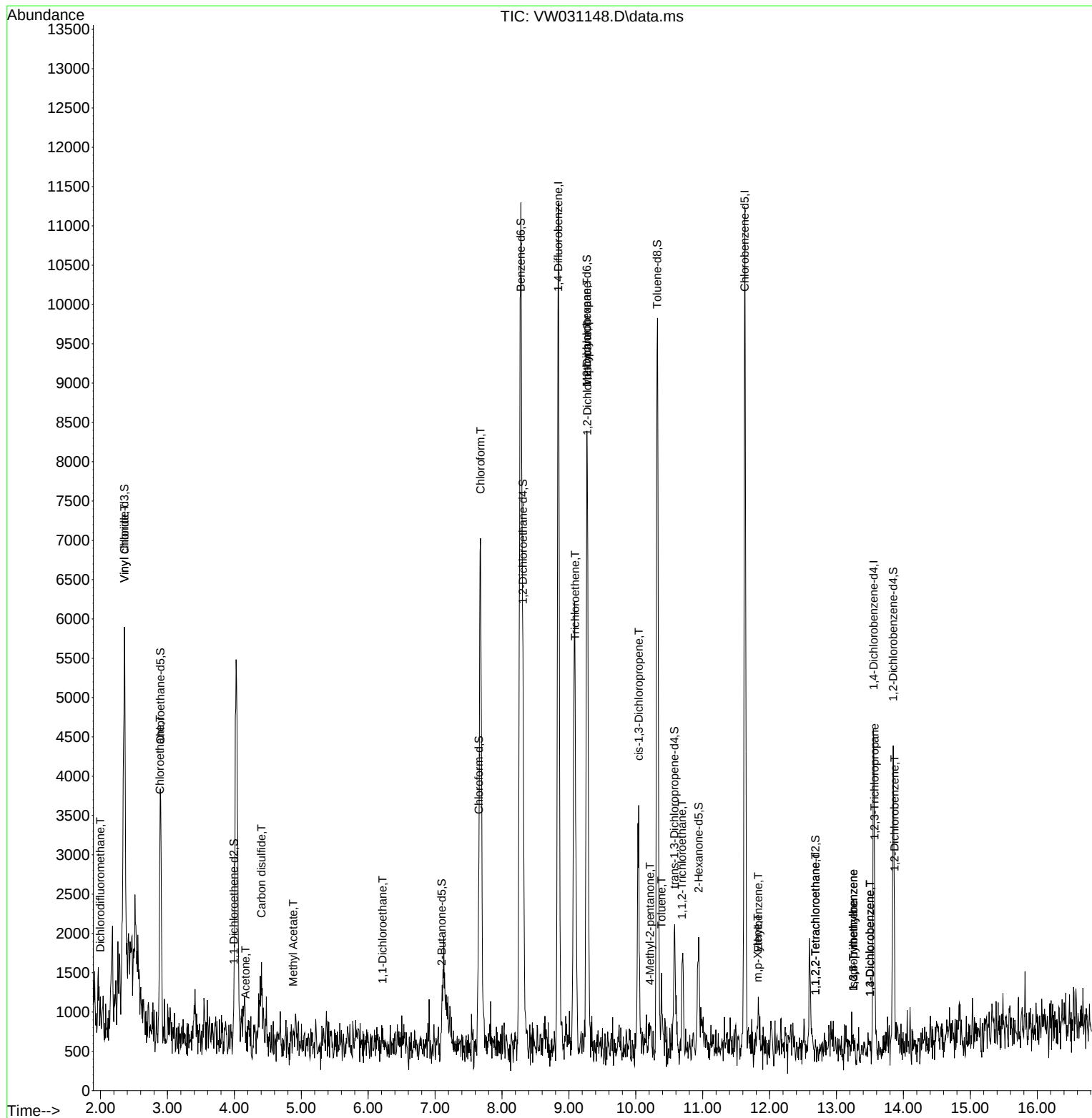
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	13.568	75	249	13.339	ug/L #	66
62) 1,3,5-Trimethylbenzene	13.251	105	85	0.669	ug/L #	27
63) 1,2,4-Trimethylbenzene	13.251	105	85	0.681	ug/L #	32
64) 1,3-Dichlorobenzene	13.501	146	54	0.768	ug/L #	25
65) 1,4-Dichlorobenzene	13.501	146	54	0.760	ug/L #	27
67) 1,2-Dichlorobenzene	13.867	146	76	1.235	ug/L #	26

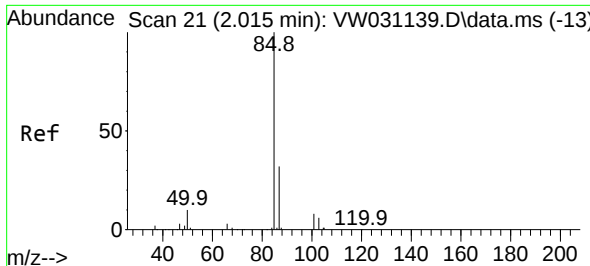
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031148.D
Acq On : 06 Dec 2024 14:12
Operator : SY/MD
Sample : P5066-20
Misc : 3.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

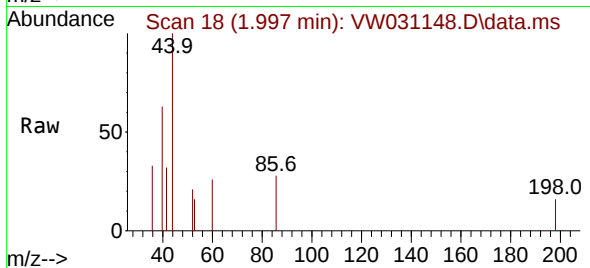
Quant Time: Dec 06 23:39:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration



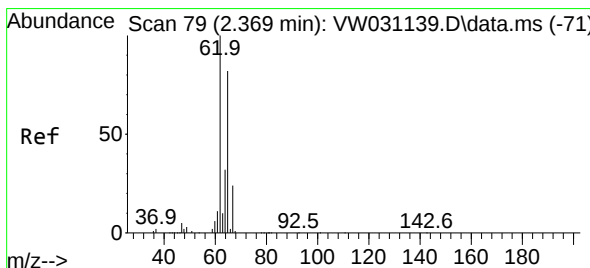
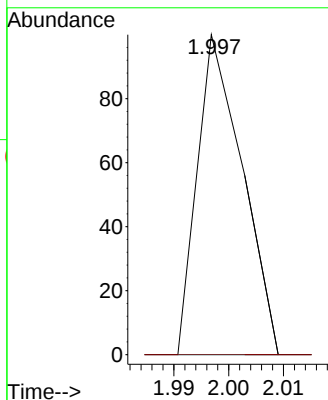
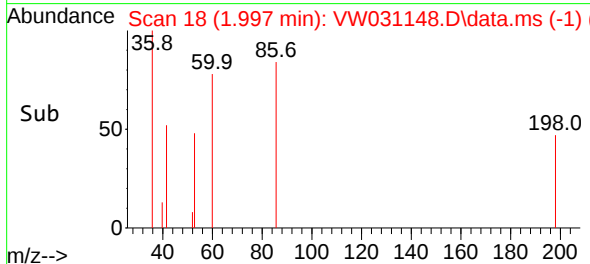


#2
Dichlorodifluoromethane
Concen: 0.618 ug/L
RT: 1.997 min Scan# 11
Delta R.T. -0.018 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

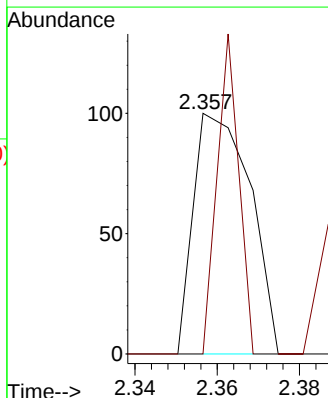
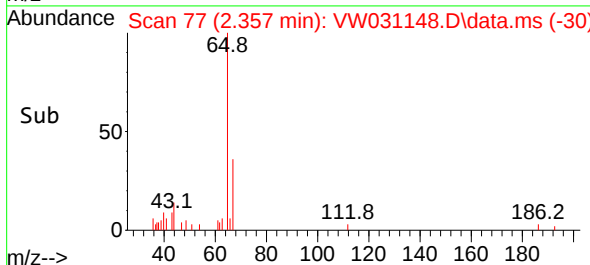
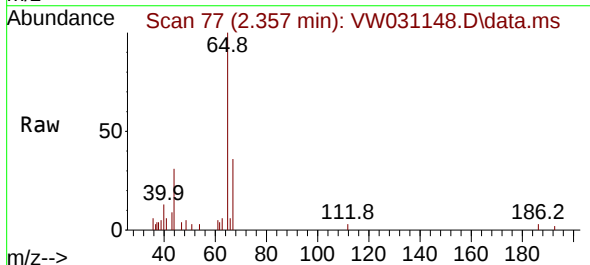


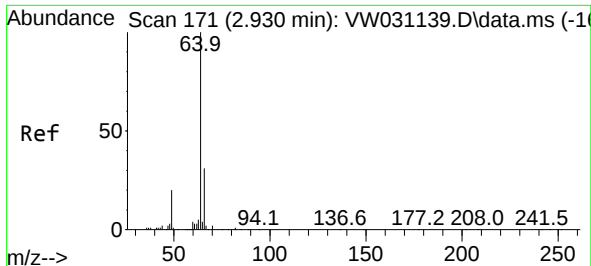
Tgt Ion: 85 Resp: 57
Ion Ratio Lower Upper
85 100
87 82.5 23.8 35.6#



#5
Vinyl chloride
Concen: 0.735 ug/L
RT: 2.357 min Scan# 77
Delta R.T. -0.012 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Tgt Ion: 62 Resp: 96
Ion Ratio Lower Upper
62 100
64 0.0 22.7 42.1#

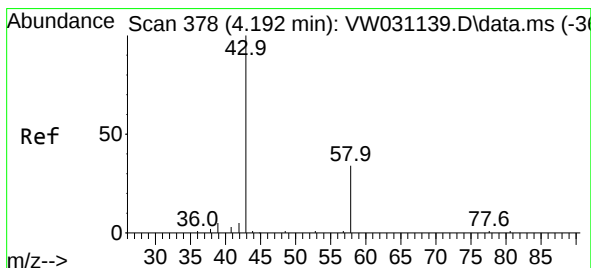
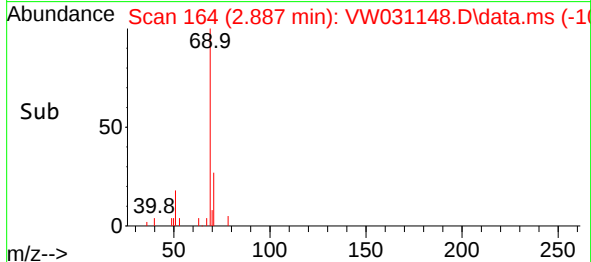
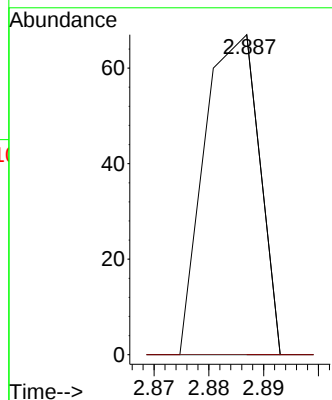
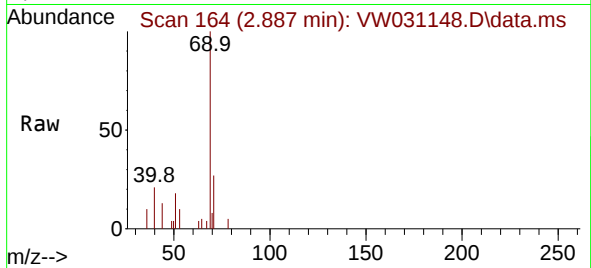




#8
Chloroethane
Concen: 0.589 ug/L
RT: 2.887 min Scan# 1
Delta R.T. -0.043 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

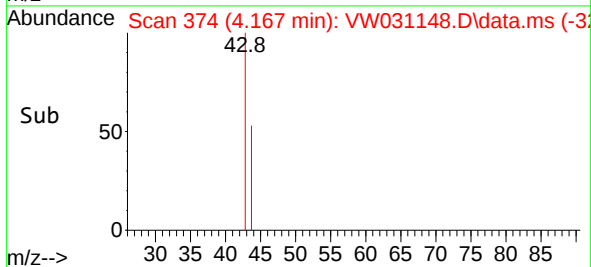
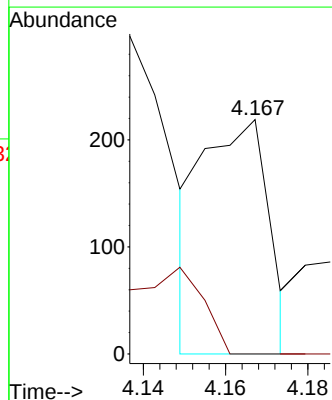
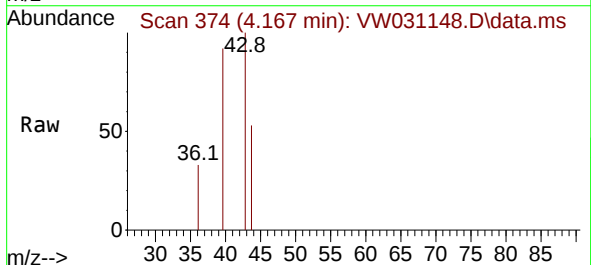
Instrument :
MSVOA_W
ClientSampleId :

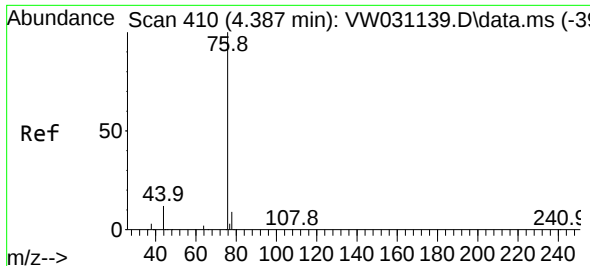
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 23.2 43.2#



#13
Acetone
Concen: 6.867 ug/L
RT: 4.167 min Scan# 374
Delta R.T. -0.024 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 29.2 0.0 67.2

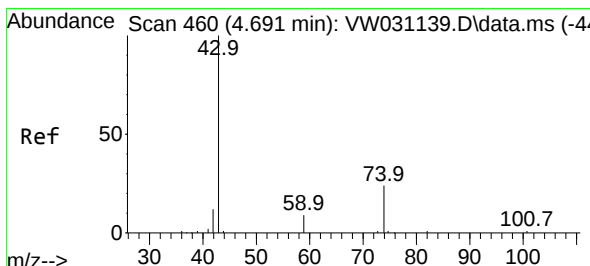
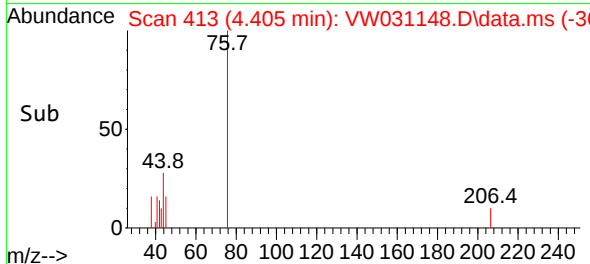
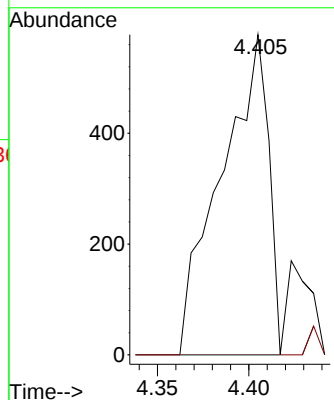
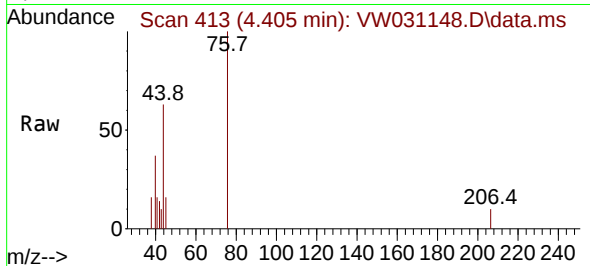




#14
Carbon disulfide
Concen: 3.058 ug/L
RT: 4.405 min Scan# 411
Delta R.T. 0.018 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

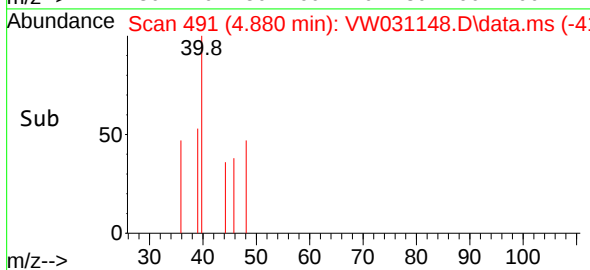
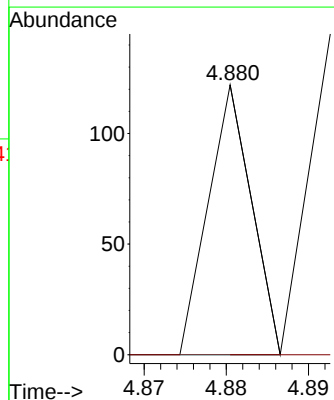
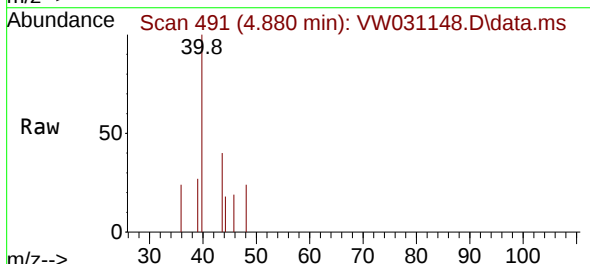
Instrument :
MSVOA_W
ClientSampleId :

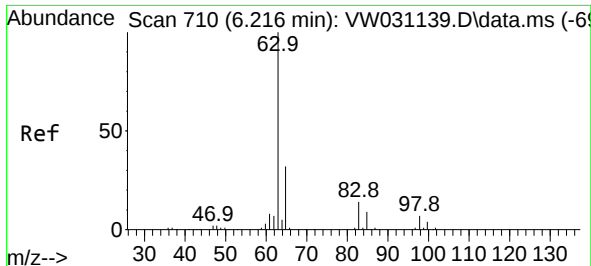
Tgt Ion: 76 Resp: 1040
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#15
Methyl Acetate
Concen: 1.212 ug/L
RT: 4.880 min Scan# 491
Delta R.T. 0.189 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#19

1,1-Dichloroethane

Concen: 1.060 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031148.D

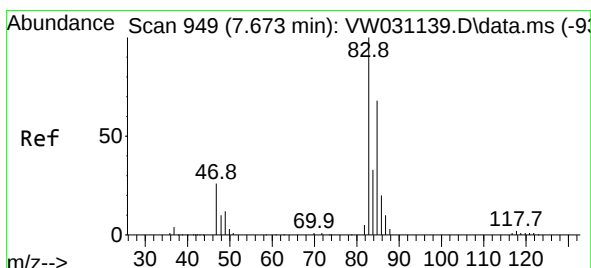
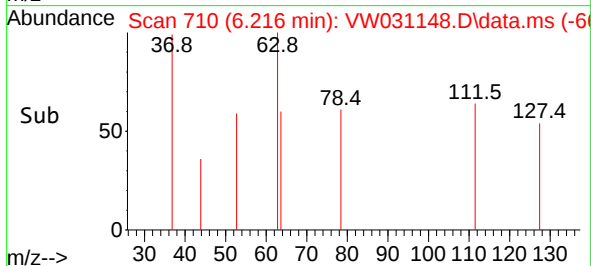
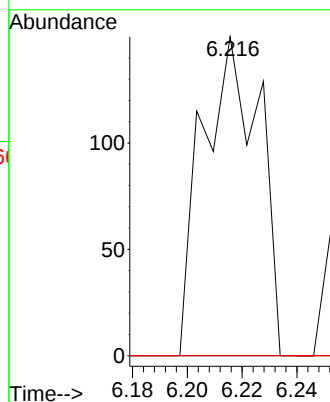
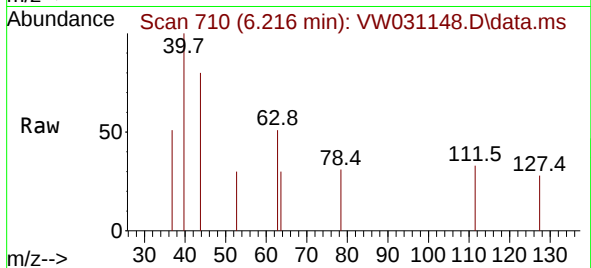
Acq: 06 Dec 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	215
Ion	Ratio	Lower	Upper
63	100		
65	0.0	21.7	40.3#
83	0.0	8.9	16.5#



#25

Chloroform

Concen: 30.685 ug/L

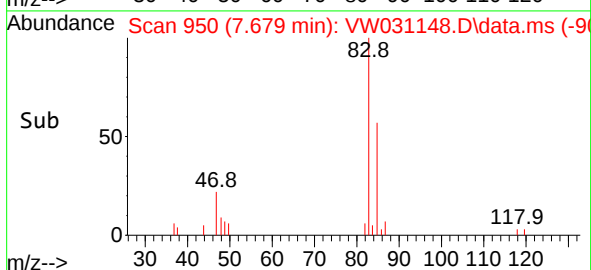
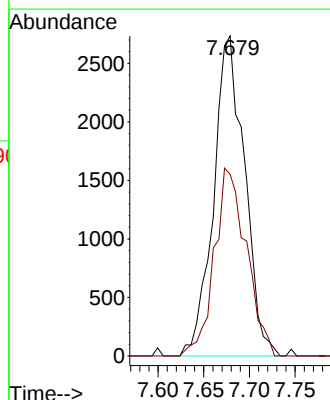
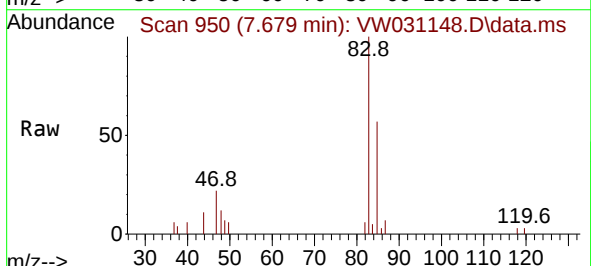
RT: 7.679 min Scan# 950

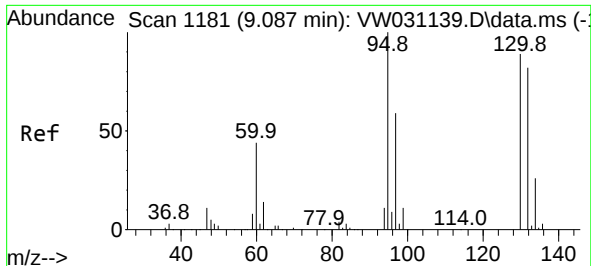
Delta R.T. 0.006 min

Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

Tgt Ion:	83	Resp:	6472
Ion	Ratio	Lower	Upper
83	100		
85	54.2	46.5	86.3

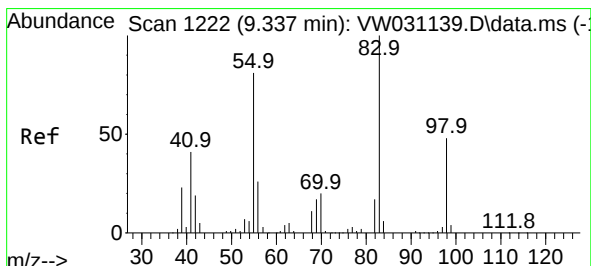
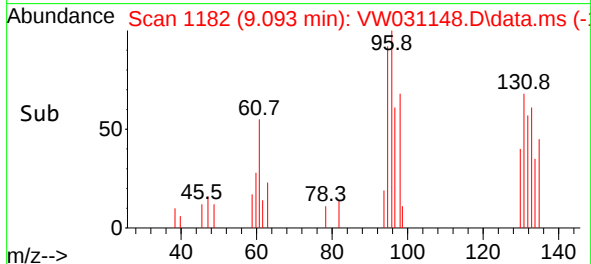
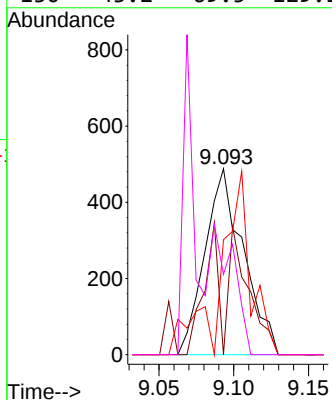
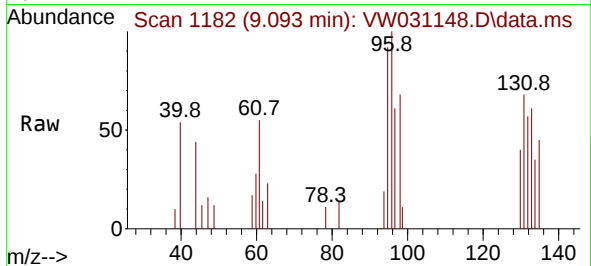




#34
Trichloroethene
Concen: 8.506 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

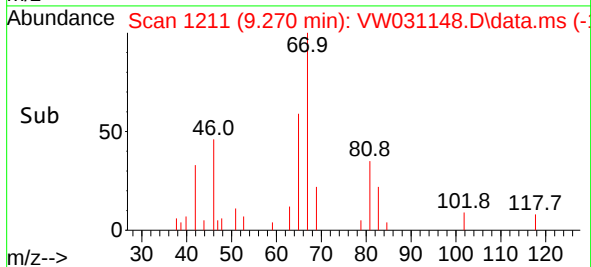
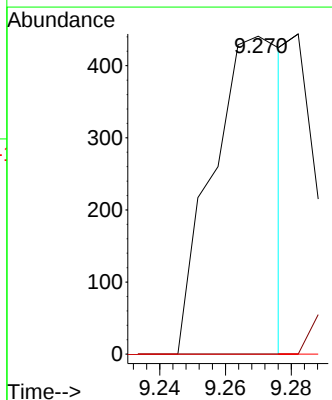
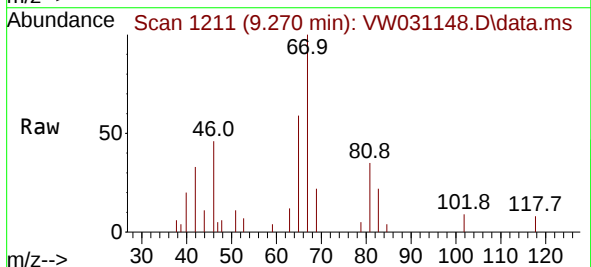
Instrument :
MSVOA_W
ClientSampleId :

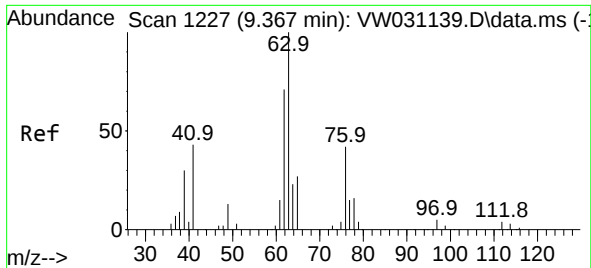
Tgt Ion: 95 Resp: 876
Ion Ratio Lower Upper
95 100
97 0.0 48.0 89.2#
132 61.9 67.4 125.2#
130 43.2 69.5 129.1#



#35
Methylcyclohexane
Concen: 3.954 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.067 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Tgt Ion: 83 Resp: 648
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 172.2 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 4.221 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

Instrument :

MSVOA_W

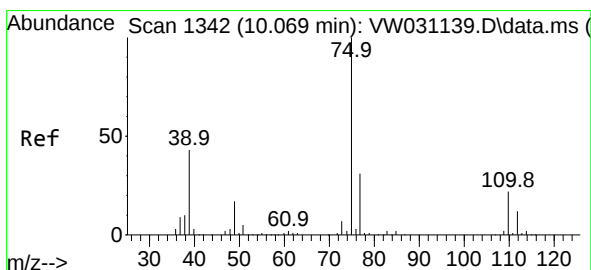
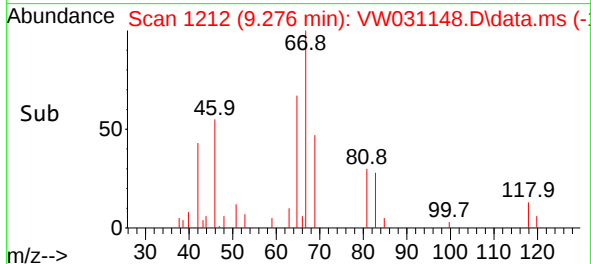
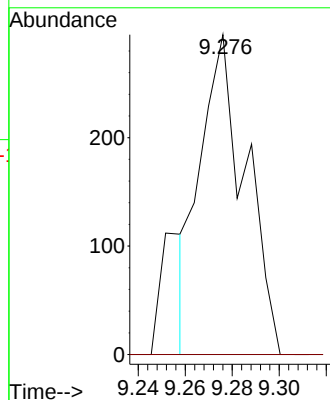
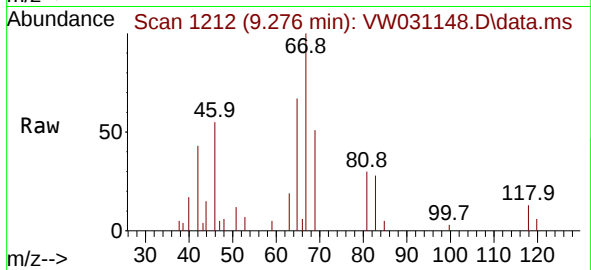
ClientSampleId :

Tgt Ion: 63 Resp: 392

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.044 min Scan# 1338

Delta R.T. -0.024 min

Lab File: VW031148.D

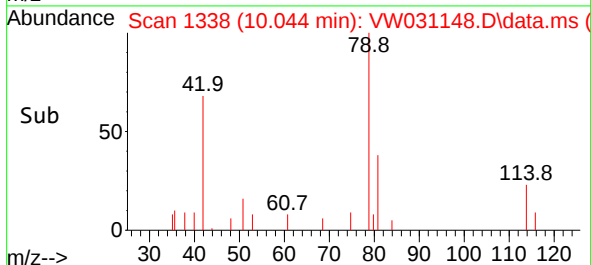
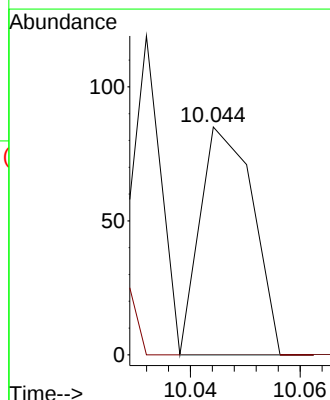
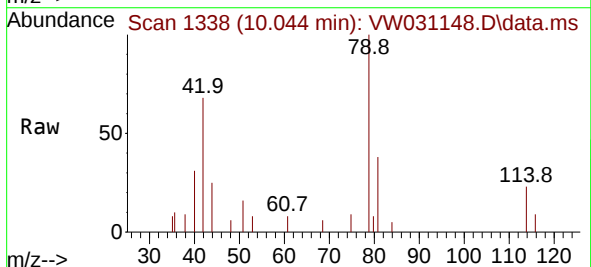
Acq: 06 Dec 2024 14:12

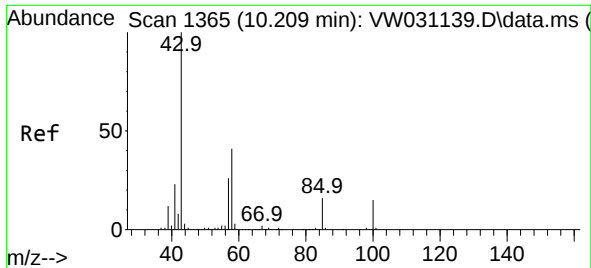
Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

77 0.0 21.6 40.2#





#40

4-Methyl-2-pentanone

Concen: 2.693 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

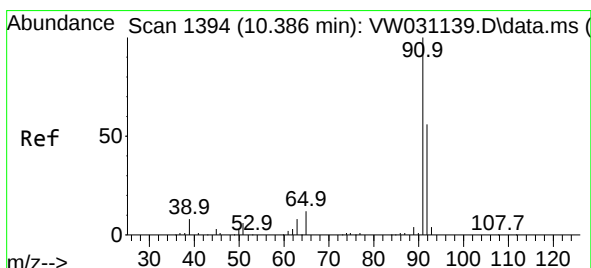
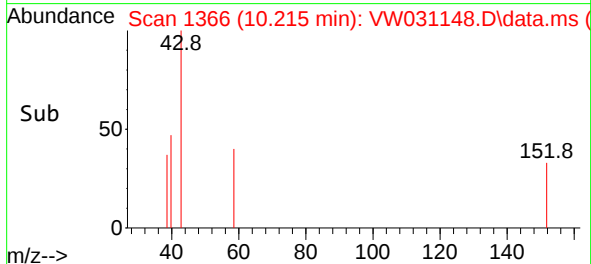
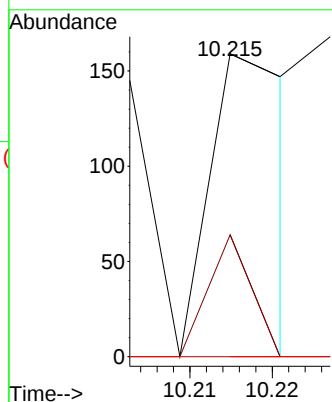
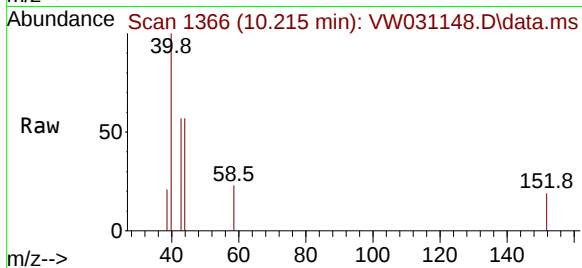
Tgt Ion: 43 Resp: 112

Ion Ratio Lower Upper

43 100

58 0.0 33.7 50.5#

100 0.0 14.2 21.2#



#42

Toluene

Concen: 1.386 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031148.D

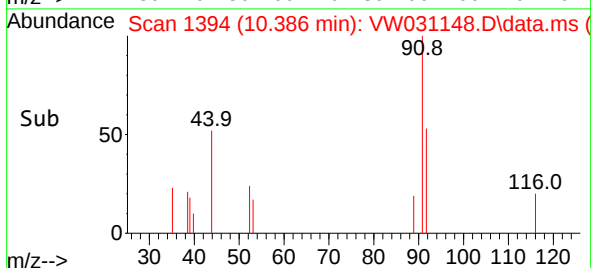
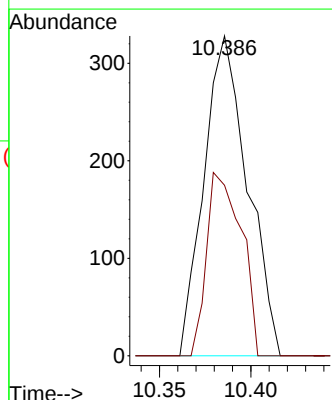
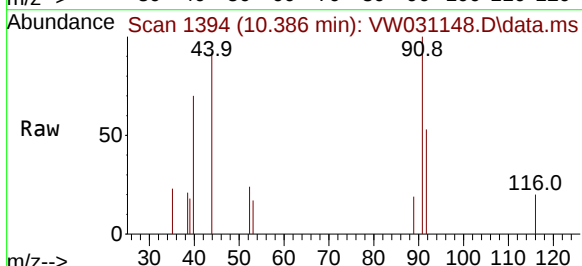
Acq: 06 Dec 2024 14:12

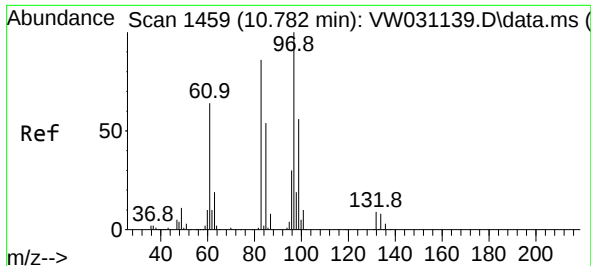
Tgt Ion: 91 Resp: 545

Ion Ratio Lower Upper

91 100

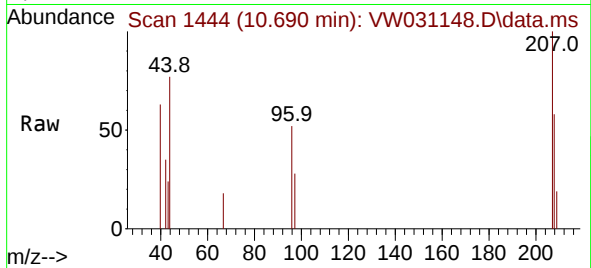
92 34.8 40.8 75.8#



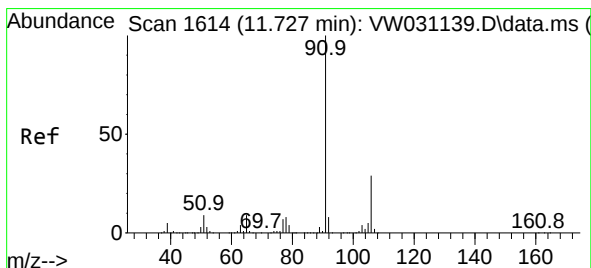
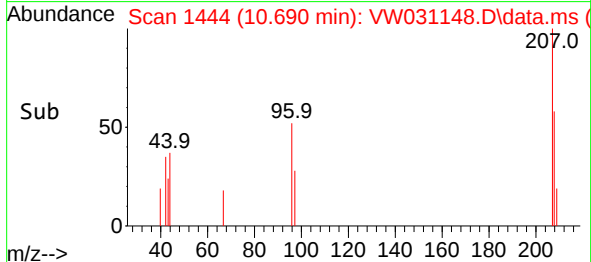
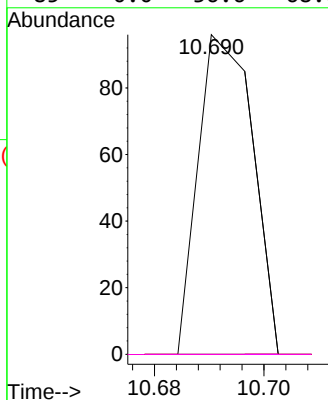


#45
1,1,2-Trichloroethane
Concen: 1.034 ug/L
RT: 10.690 min Scan# 1459
Delta R.T. -0.091 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

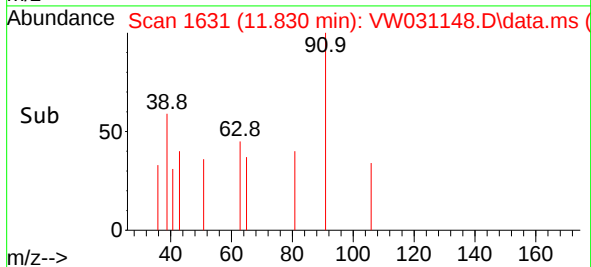
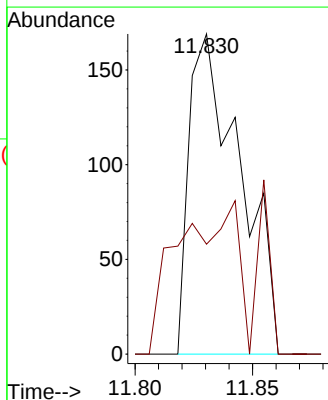
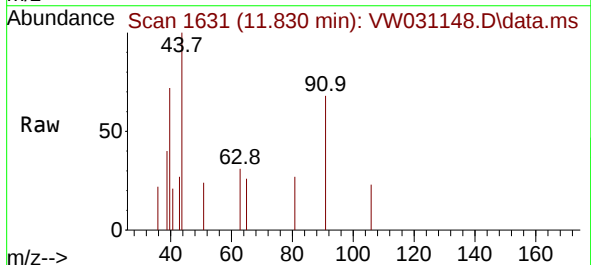


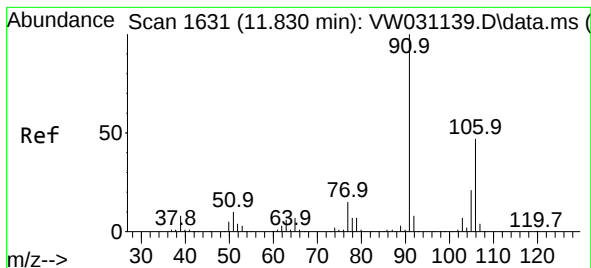
Tgt Ion:	97	Resp:	66
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.4	78.8#
83	0.0	57.8	107.4#
85	0.0	36.6	68.0#



#52
Ethylbenzene
Concen: 0.572 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. 0.104 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

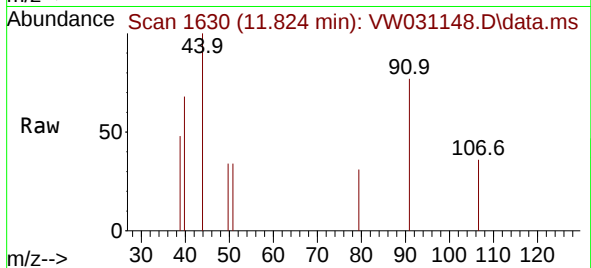
Tgt Ion:	91	Resp:	255
Ion	Ratio	Lower	Upper
91	100		
106	34.3	21.3	39.5



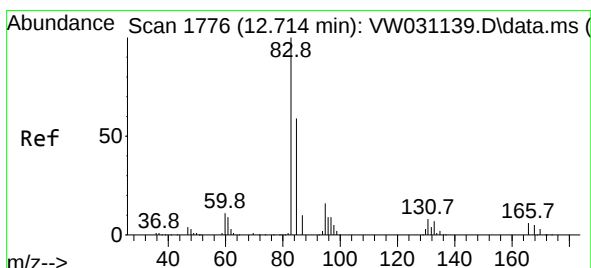
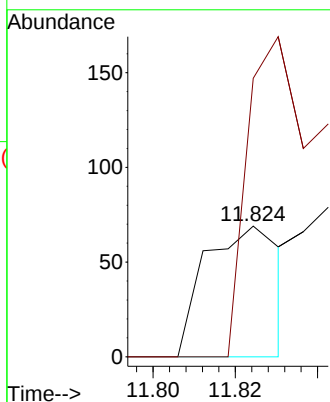
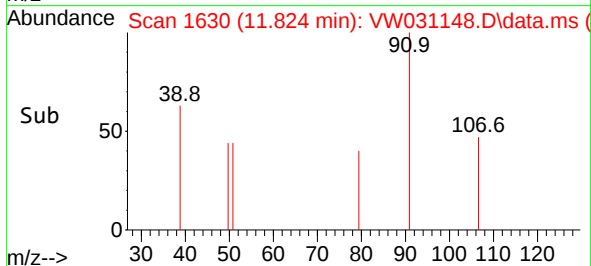


#53
m,p-Xylene
Concen: 0.531 ug/L
RT: 11.824 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

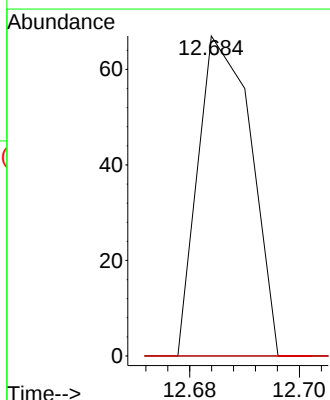
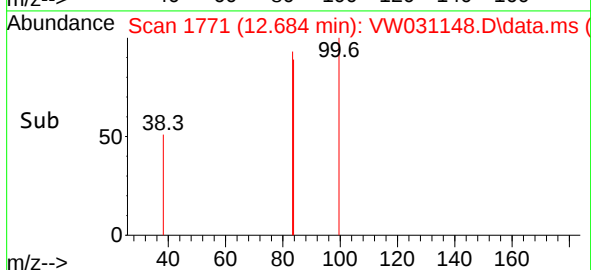
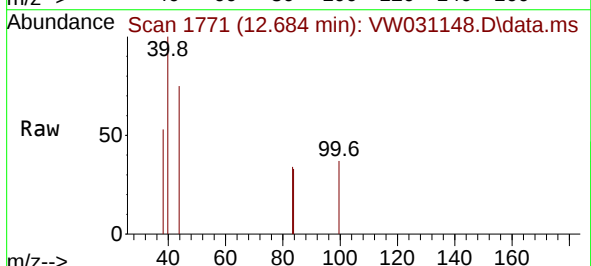


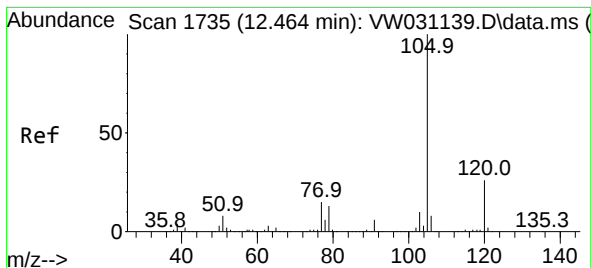
Tgt Ion:106 Resp: 88
Ion Ratio Lower Upper
106 100
91 213.0 140.9 261.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.651 ug/L
RT: 12.684 min Scan# 1771
Delta R.T. -0.030 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

Tgt Ion: 83 Resp: 45
Ion Ratio Lower Upper
83 100
85 0.0 48.3 89.7#
131 0.0 8.9 13.3#





#60

Isopropylbenzene

Concen: 0.527 ug/L

RT: 13.251 min Scan# 11

Delta R.T. 0.786 min

Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

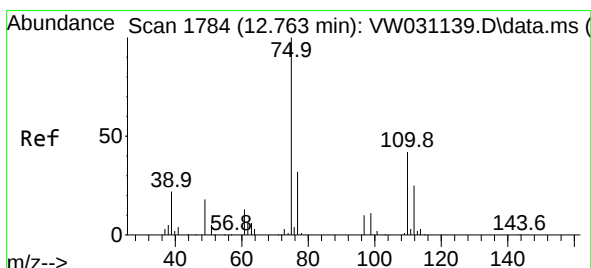
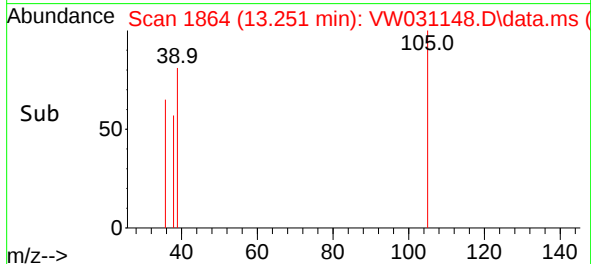
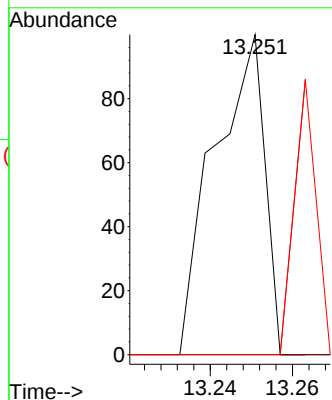
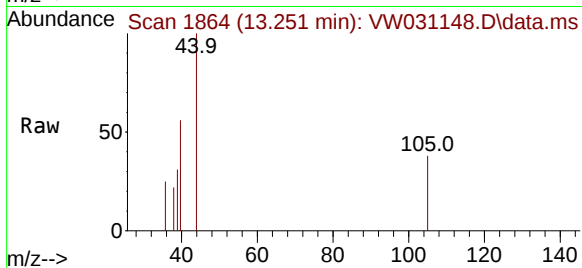
Tgt Ion:105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 21.5 32.3#

77 51.8 12.3 18.5#



#61

1,2,3-Trichloropropane

Concen: 13.339 ug/L

RT: 13.568 min Scan# 1916

Delta R.T. 0.805 min

Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

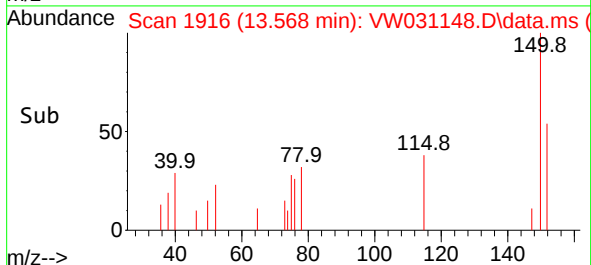
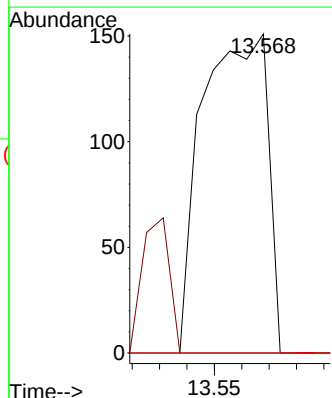
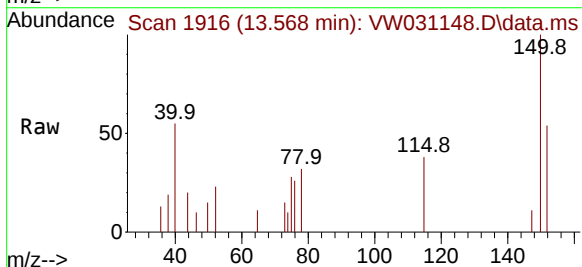
Tgt Ion: 75 Resp: 249

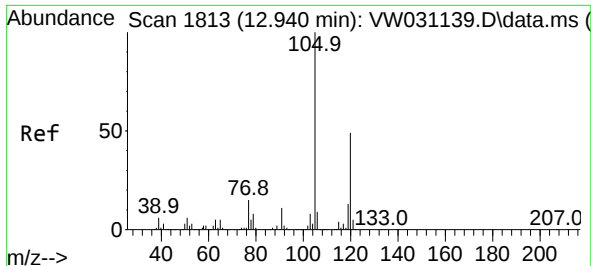
Ion Ratio Lower Upper

75 100

77 17.7 25.4 38.2#

110 15.7 33.1 49.7#





#62

1,3,5-Trimethylbenzene

Concen: 0.669 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.311 min

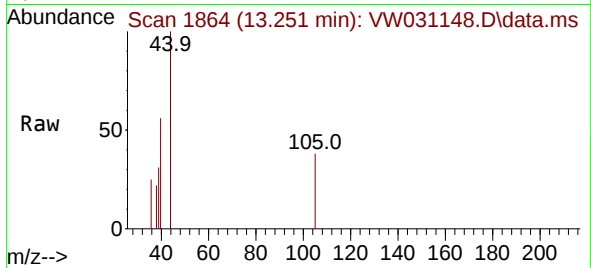
Lab File: VW031148.D

Acq: 06 Dec 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

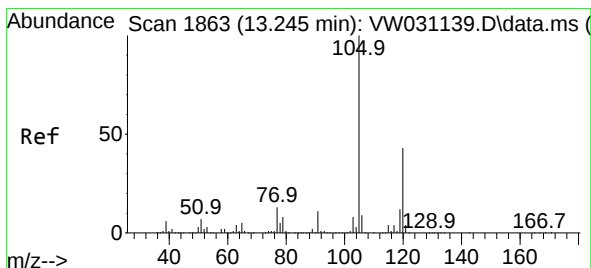
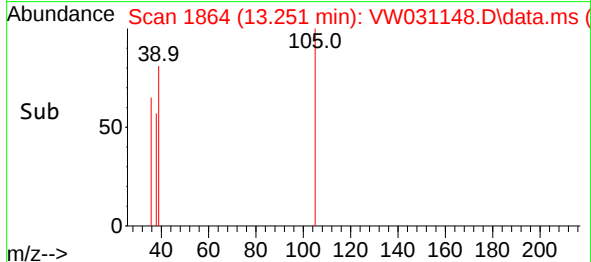
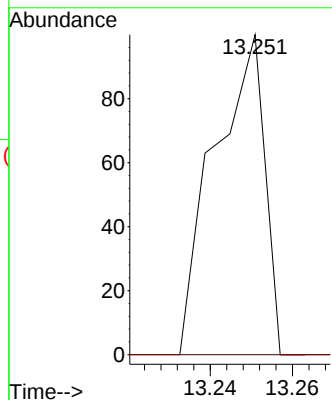


Tgt Ion:105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 40.5 60.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.681 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031148.D

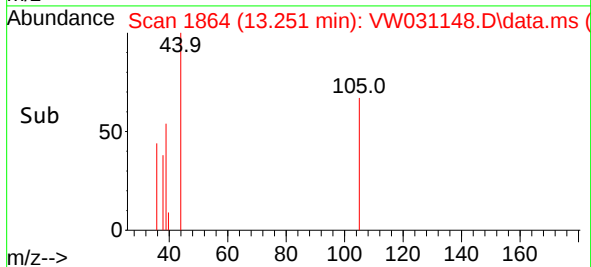
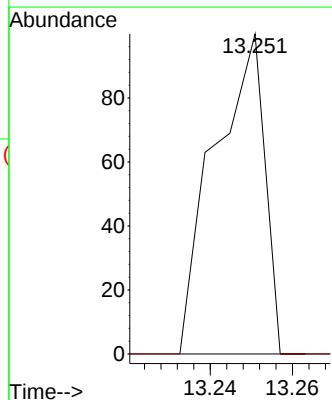
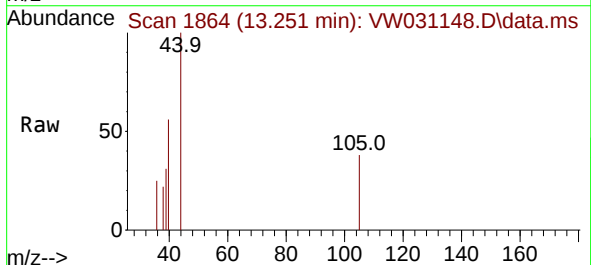
Acq: 06 Dec 2024 14:12

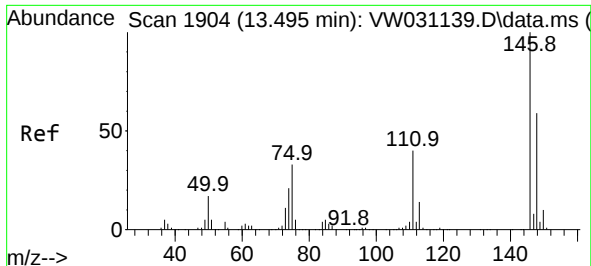
Tgt Ion:105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 35.4 53.0#

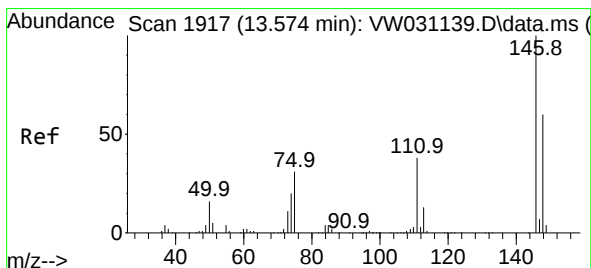
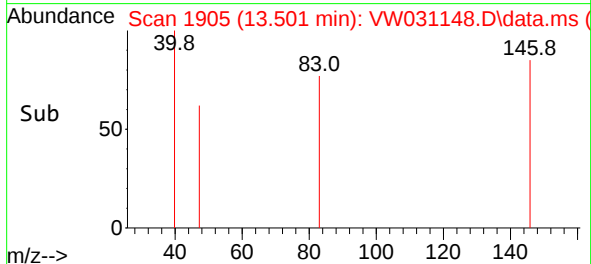
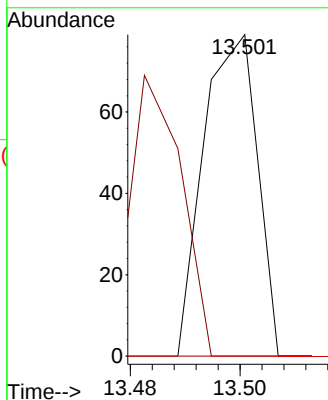
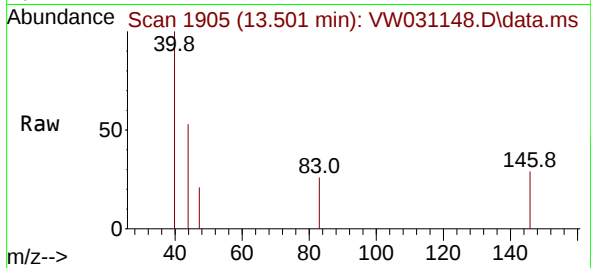




#64
1,3-Dichlorobenzene
Concen: 0.768 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

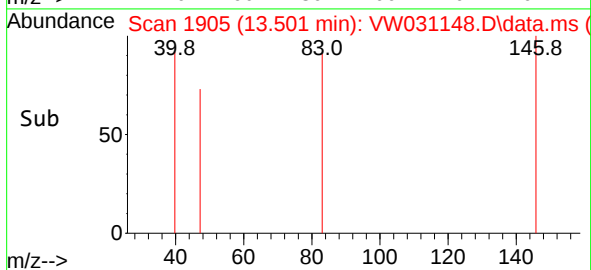
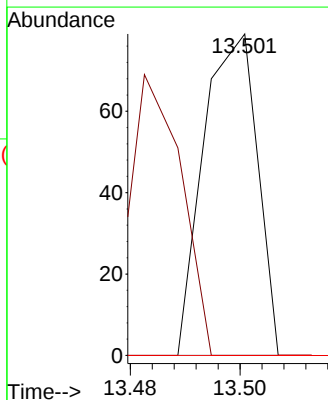
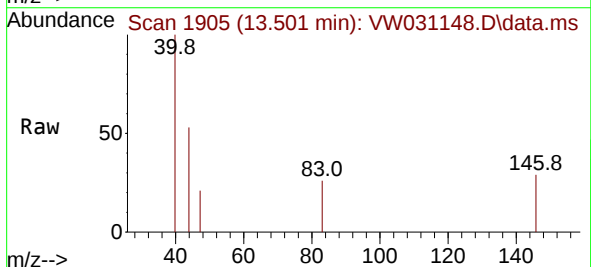
Instrument :
MSVOA_W
ClientSampleId :

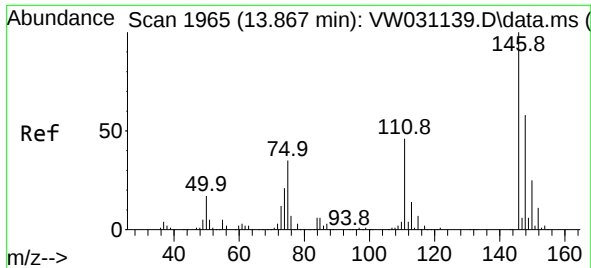
Tgt Ion:146 Resp: 54
Ion Ratio Lower Upper
146 100
111 0.0 28.5 52.9#
148 0.0 44.1 81.9#



#65
1,4-Dichlorobenzene
Concen: 0.760 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. -0.073 min
Lab File: VW031148.D
Acq: 06 Dec 2024 14:12

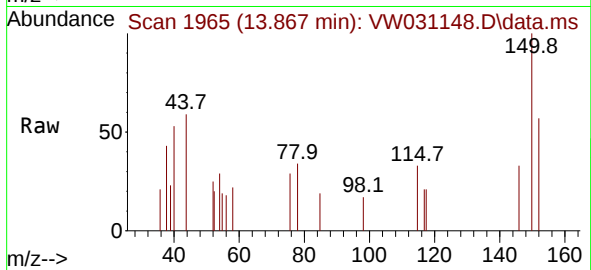
Tgt Ion:146 Resp: 54
Ion Ratio Lower Upper
146 100
111 0.0 26.6 49.4#
148 0.0 42.1 78.1#





#67
 1,2-Dichlorobenzene
 Concen: 1.235 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW031148.D
 Acq: 06 Dec 2024 14:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	146	Resp:	76
Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.9	46.3#
148	0.0	50.0	75.0#

