

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031434.D
 Acq On : 20 Dec 2024 17:50
 Operator : SY/MD
 Sample : P5333-16
 Misc : 10.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 22:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

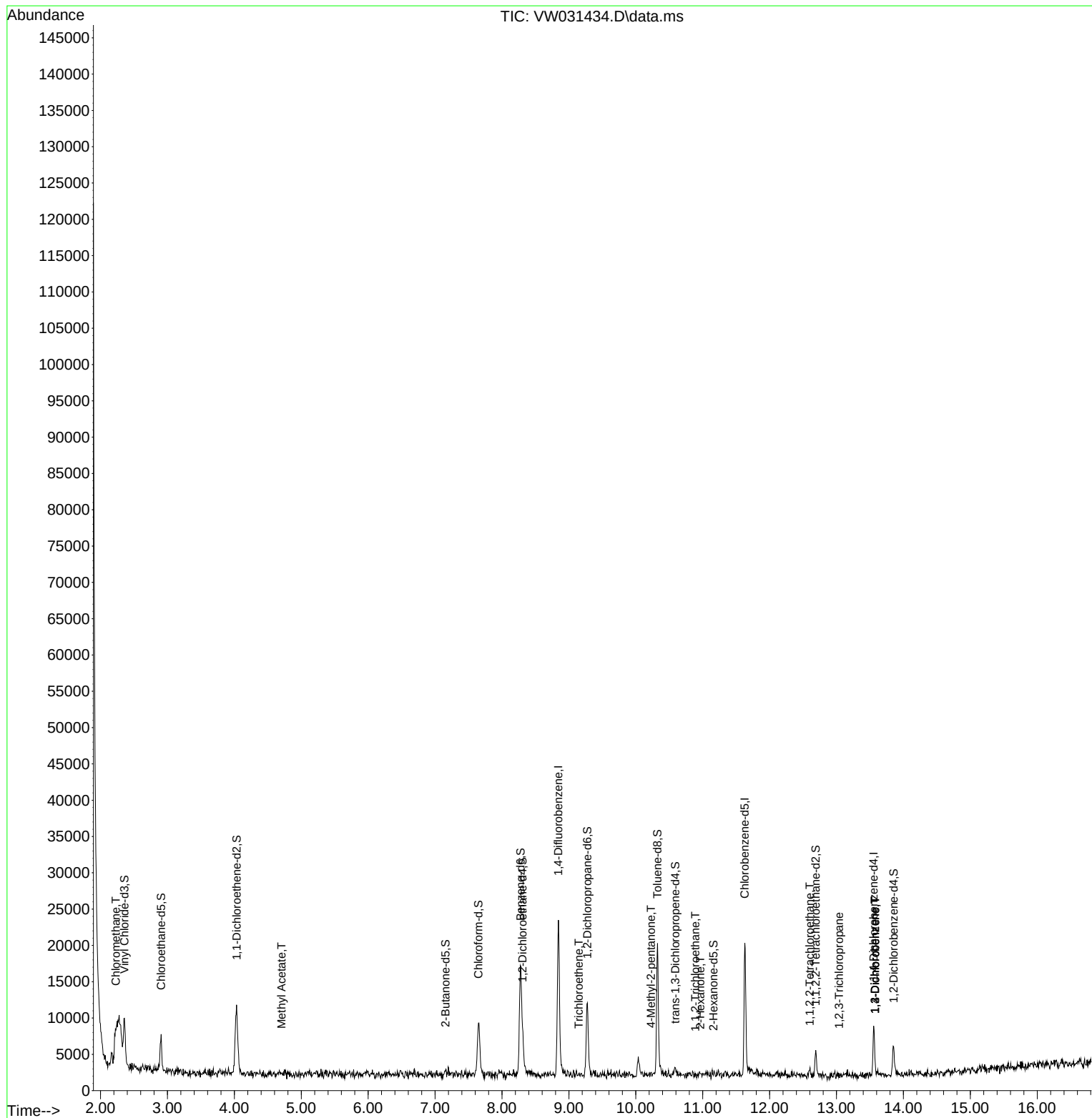
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	19116	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	10509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	1661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	6065	21.087	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.360%		
7) Chloroethane-d5	2.905	69	5047	23.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.880%		
11) 1,1-Dichloroethene-d2	4.033	65	2927	21.454	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.800%		
21) 2-Butanone-d5	7.154	46	235	4.338	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	8.680%#		
24) Chloroform-d	7.648	84	7589	14.489	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	57.960%		
26) 1,2-Dichloroethane-d4	8.307	65	3655	13.895	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	55.600%#		
32) Benzene-d6	8.276	84	15529	23.055	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	9.276	67	4898	24.951	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.800%		
41) Toluene-d8	10.325	98	12396	19.782	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.120%		
43) trans-1,3-Dichloroprop...	10.593	79	574	6.341	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	25.360%#		
47) 2-Hexanone-d5	11.160	63	48	1.818	ug/L	0.24
Spiked Amount 50.000	Range 20 - 135		Recovery =	3.640%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1799	14.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	58.400%		
66) 1,2-Dichlorobenzene-d4	13.854	152	795	12.893	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	51.560%#		
Target Compounds						Qvalue
3) Chloromethane	2.228	50	157	0.809	ug/L	93
15) Methyl Acetate	4.704	43	191	2.229	ug/L #	52
34) Trichloroethene	9.148	95	68	0.371	ug/L #	3
40) 4-Methyl-2-pentanone	10.227	43	103	1.198	ug/L #	44
45) 1,1,2-Trichloroethane	10.892	97	43	0.399	ug/L #	17
48) 2-Hexanone	10.965	43	146	1.997	ug/L #	54
57) 1,1,2,2-Tetrachloroethane	12.599	83	62	0.534	ug/L #	77
61) 1,2,3-Trichloropropane	13.038	75	114	4.011	ug/L #	61
64) 1,3-Dichlorobenzene	13.574	146	72	0.654	ug/L #	23
65) 1,4-Dichlorobenzene	13.574	146	72	0.660	ug/L #	24
67) 1,2-Dichlorobenzene	13.574	146	72	0.759	ug/L #	28

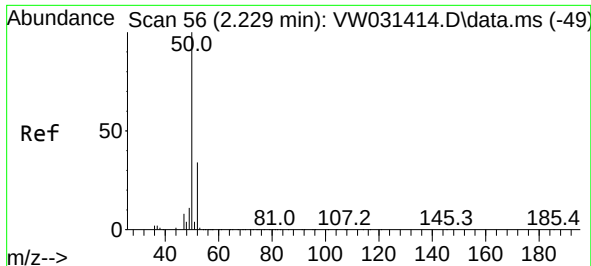
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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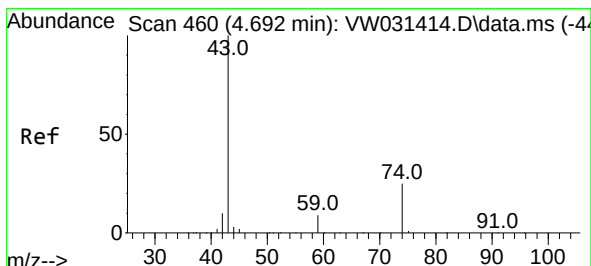
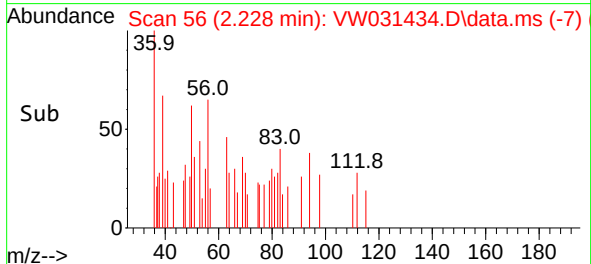
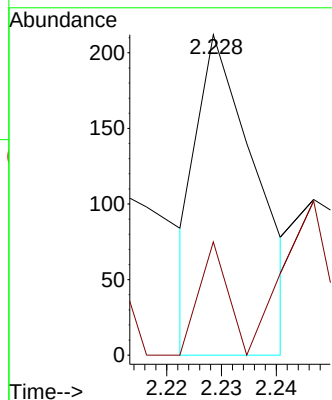
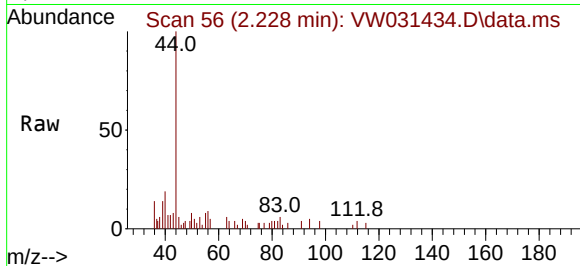




#3
Chloromethane
Concen: 0.809 ug/L
RT: 2.228 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW031434.D
Acq: 20 Dec 2024 17:50

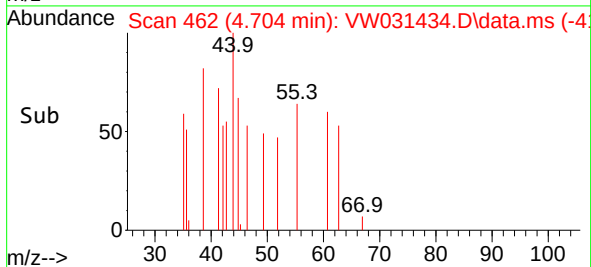
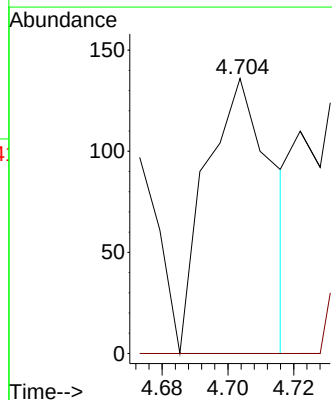
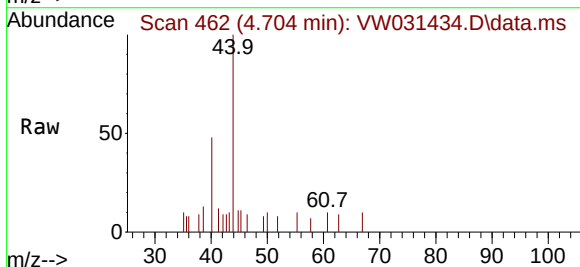
Instrument :
MSVOA_W
ClientSampleId :

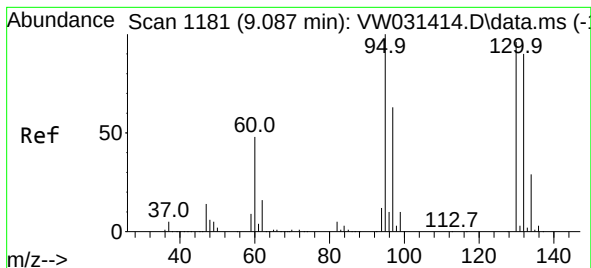
Tgt Ion: 50 Resp: 157
Ion Ratio Lower Upper
50 100
52 35.4 22.0 41.0



#15
Methyl Acetate
Concen: 2.229 ug/L
RT: 4.704 min Scan# 462
Delta R.T. 0.012 min
Lab File: VW031434.D
Acq: 20 Dec 2024 17:50

Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#34

Trichloroethene

Concen: 0.371 ug/L

RT: 9.148 min Scan# 1191

Delta R.T. 0.061 min

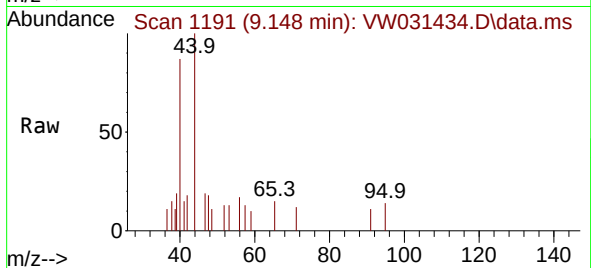
Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 68

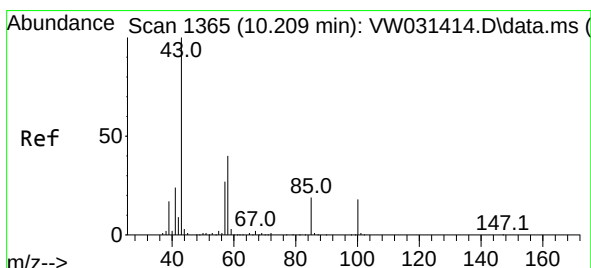
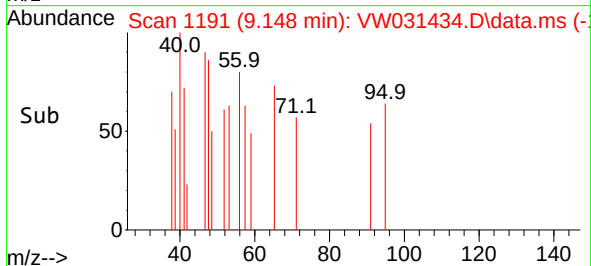
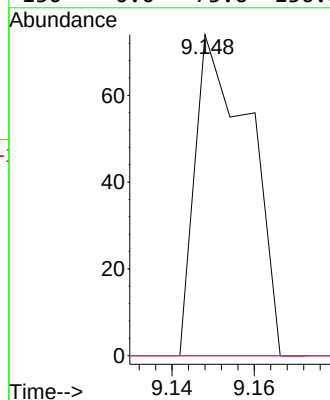
Ion Ratio Lower Upper

95 100

97 0.0 46.5 86.3#

132 0.0 70.3 130.5#

130 0.0 73.6 136.8#



#40

4-Methyl-2-pentanone

Concen: 1.198 ug/L

RT: 10.227 min Scan# 1368

Delta R.T. 0.018 min

Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

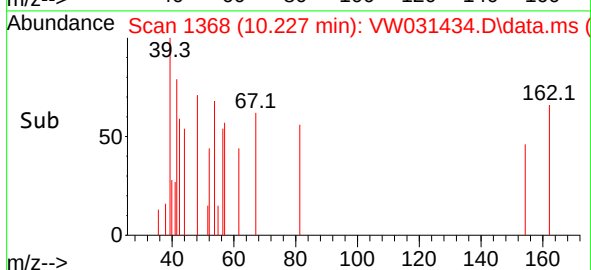
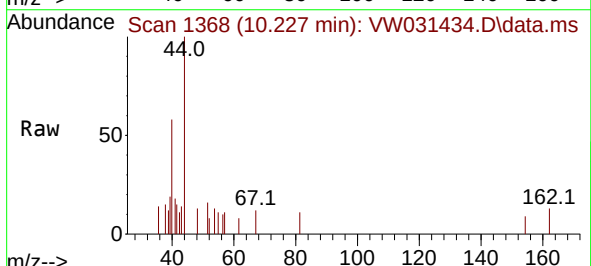
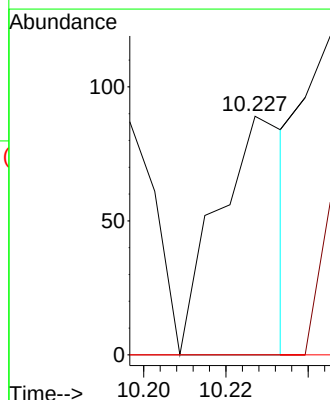
Tgt Ion: 43 Resp: 103

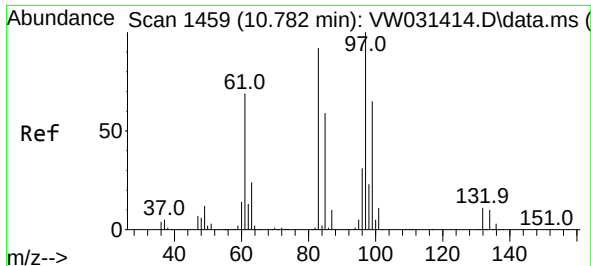
Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#

100 0.0 13.0 19.6#





#45

1,1,2-Trichloroethane

Concen: 0.399 ug/L

RT: 10.892 min Scan# 1459

Delta R.T. 0.110 min

Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 43

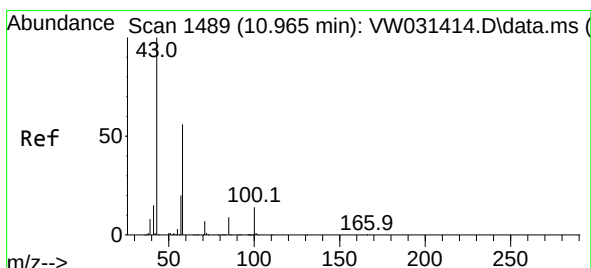
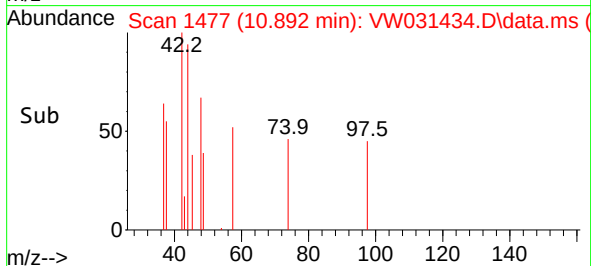
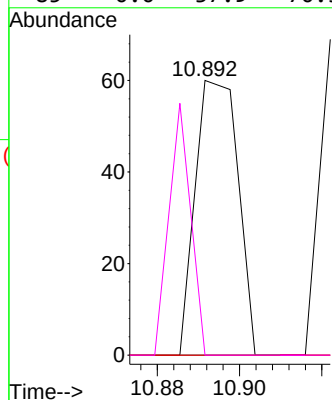
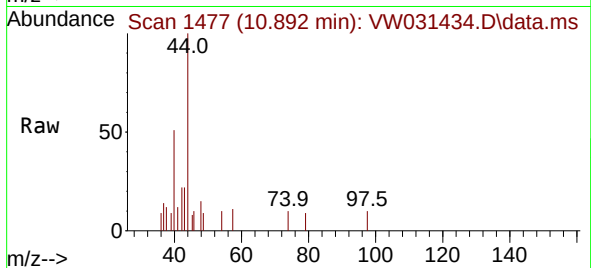
Ion Ratio Lower Upper

97 100

99 0.0 43.0 80.0#

83 0.0 56.4 104.7#

85 0.0 37.9 70.3#



#48

2-Hexanone

Concen: 1.997 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

Tgt Ion: 43 Resp: 146

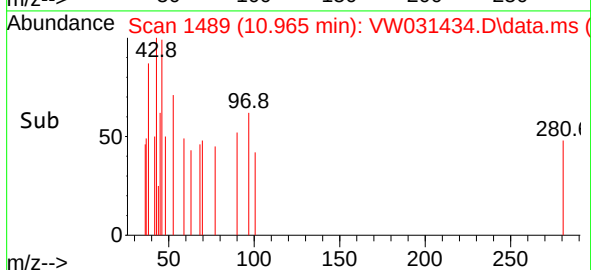
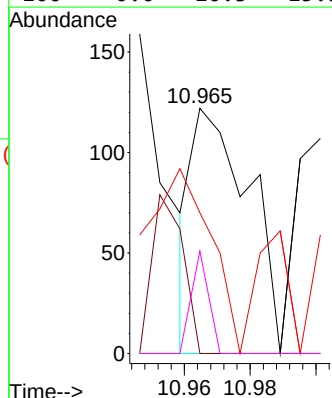
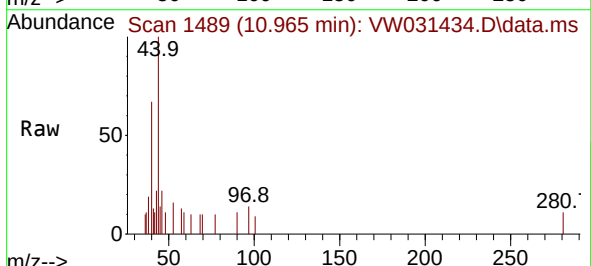
Ion Ratio Lower Upper

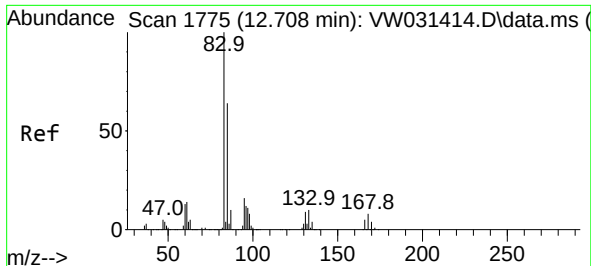
43 100

58 35.6 43.0 64.6#

57 71.2 15.7 23.5#

100 0.0 10.3 15.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.534 ug/L

RT: 12.599 min Scan# 1

Delta R.T. -0.110 min

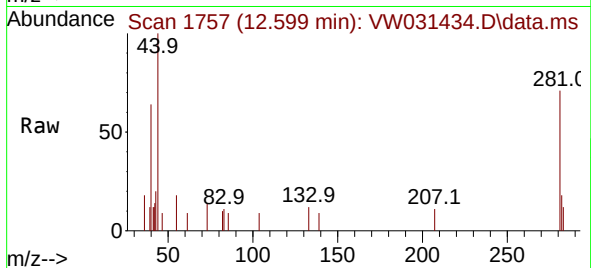
Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

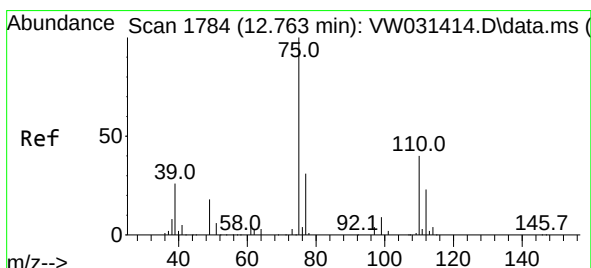
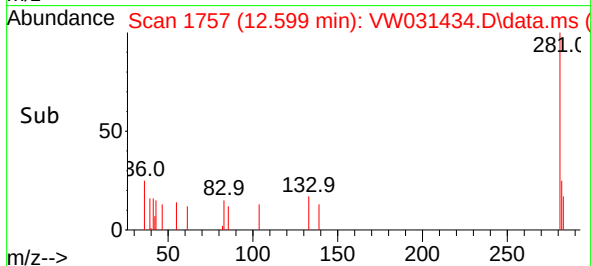
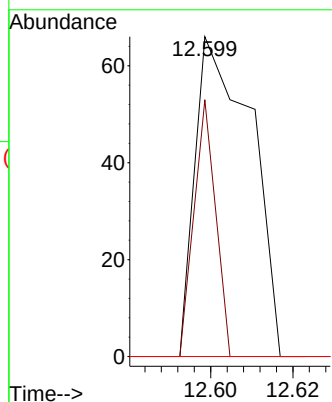
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	62
Ion	Ratio	Lower	Upper
83	100		
85	80.3	44.1	81.9
131	0.0	7.9	11.9#



#61

1,2,3-Trichloropropane

Concen: 4.011 ug/L

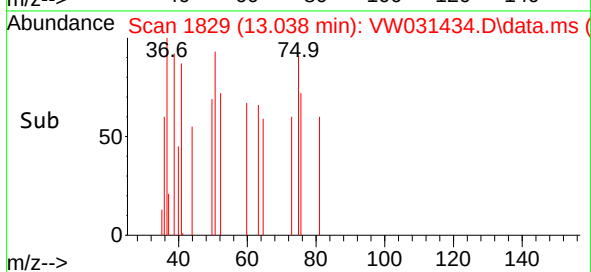
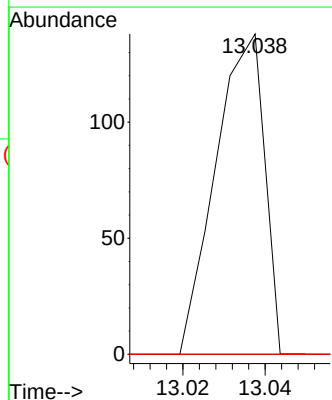
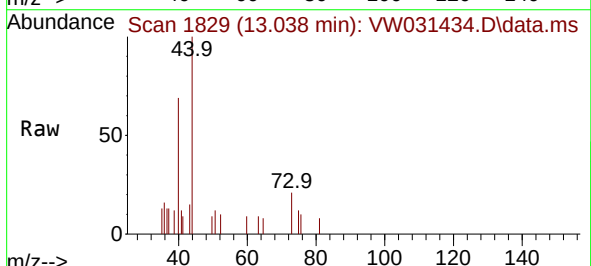
RT: 13.038 min Scan# 1829

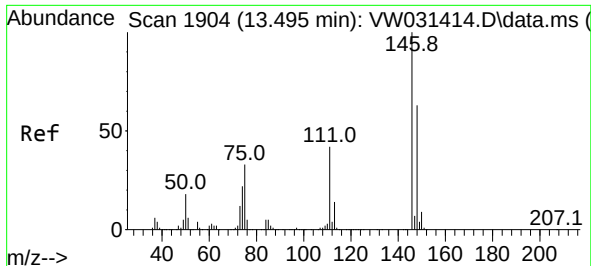
Delta R.T. 0.274 min

Lab File: VW031434.D

Acq: 20 Dec 2024 17:50

Tgt Ion:	75	Resp:	114
Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.3	37.9
110	0.0	31.2	46.8#

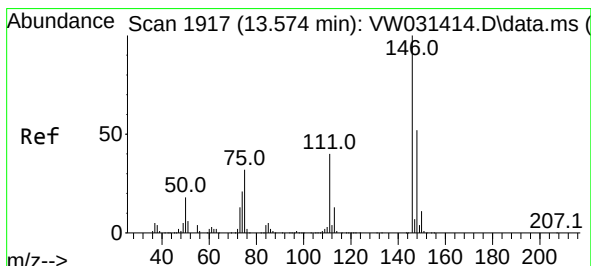
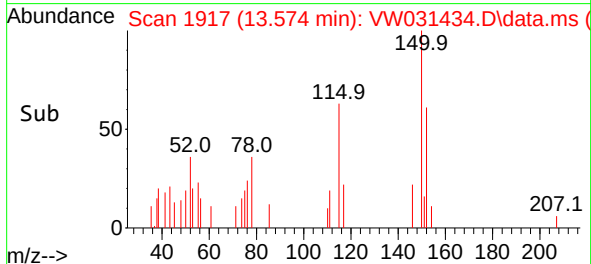
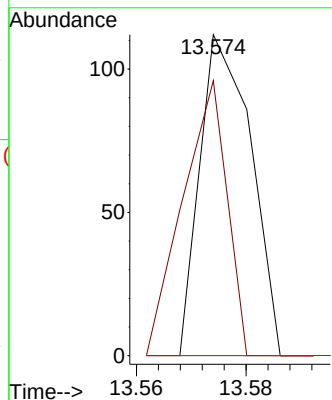
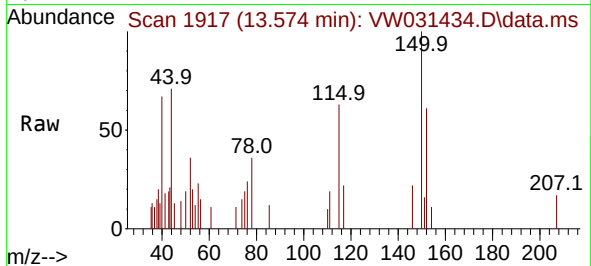




#64
1,3-Dichlorobenzene
Concen: 0.654 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.079 min
Lab File: VW031434.D
Acq: 20 Dec 2024 17:50

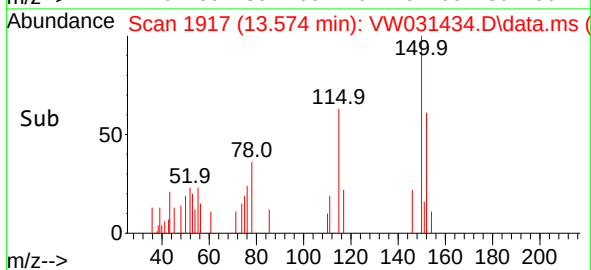
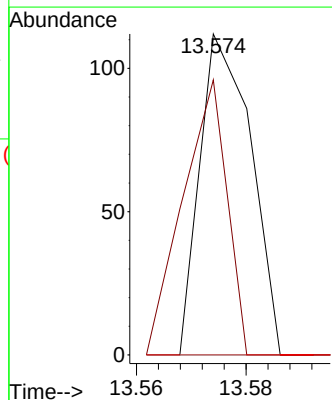
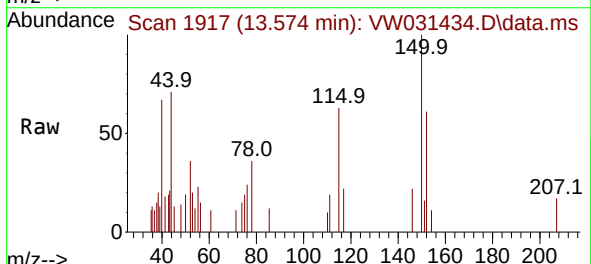
Instrument :
MSVOA_W
ClientSampleId :

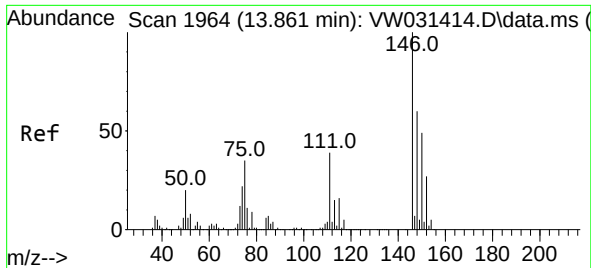
Tgt Ion:146 Resp: 72
Ion Ratio Lower Upper
146 100
111 85.7 27.6 51.2#
148 0.0 41.0 76.2#



#65
1,4-Dichlorobenzene
Concen: 0.660 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031434.D
Acq: 20 Dec 2024 17:50

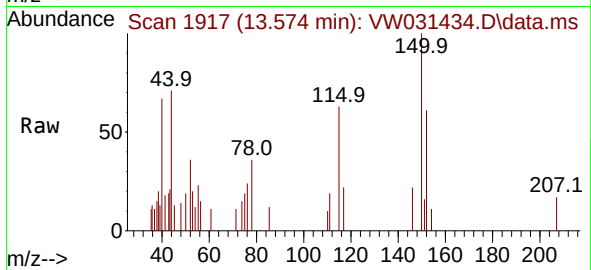
Tgt Ion:146 Resp: 72
Ion Ratio Lower Upper
146 100
111 85.7 30.7 56.9#
148 0.0 46.5 86.3#





#67
1,2-Dichlorobenzene
Concen: 0.759 ug/L
RT: 13.574 min Scan# 1964
Delta R.T. -0.287 min
Lab File: VW031434.D
Acq: 20 Dec 2024 17:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
146	100		
111	85.7	38.6	58.0#
148	0.0	53.6	80.4#

