

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021347.D
 Acq On : 12 Dec 2021 03:33
 Operator : SY/VA
 Sample : M5063-01
 Misc : 6.84g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:23:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

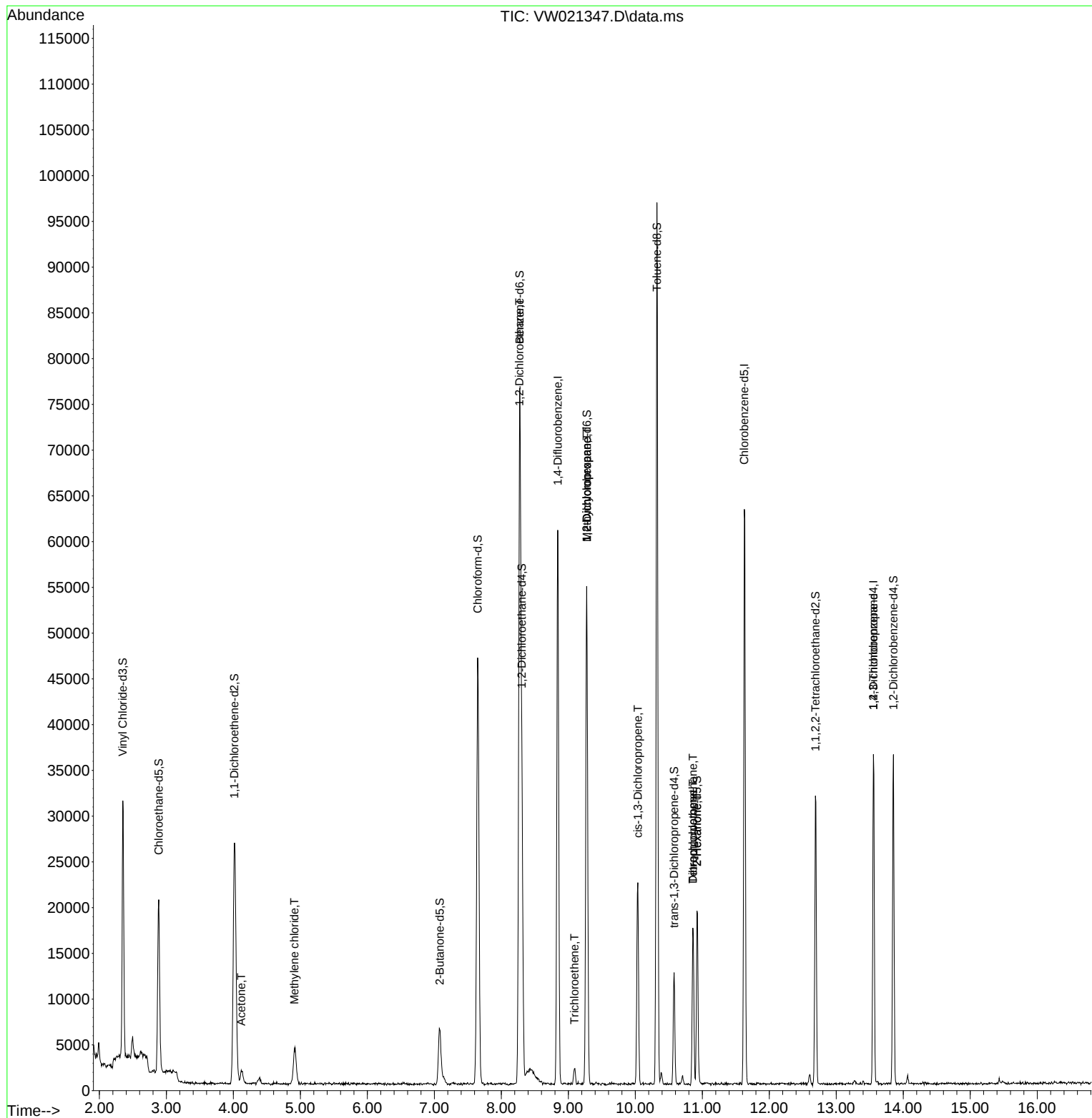
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	50841	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	35920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9941	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27095	29.262	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 117.040%		
7) Chloroethane-d5	2.885	69	21966	35.885	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 143.520%		
11) 1,1-Dichloroethene-d2	4.013	63	24895	20.167	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 80.680%		
21) 2-Butanone-d5	7.080	46	10856	83.174	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 166.340%#		
24) Chloroform-d	7.647	84	45860	32.368	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 129.480%		
26) 1,2-Dichloroethane-d4	8.305	65	22962	30.468	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 121.880%		
32) Benzene-d6	8.275	84	76986	39.101	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 156.400%#		
36) 1,2-Dichloropropane-d6	9.274	67	23214	43.963	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 175.840%#		
41) Toluene-d8	10.323	98	61004	30.325	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 121.280%		
43) trans-1,3-Dichloroprop...	10.579	79	6326	26.019	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 104.080%		
47) 2-Hexanone-d5	10.920	63	6590	84.398	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 168.800%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	14808	32.622	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 130.480%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	9253	24.017	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 96.080%		
Target Compounds						
13) Acetone	4.117	43	2632	22.494	ug/L	85
16) Methylene chloride	4.909	84	3207	3.818	ug/L	73
27) 1,2-Dichloroethane	8.269	62	495	0.629	ug/L #	77
34) Trichloroethene	9.092	95	598	1.089	ug/L	86
35) Methylcyclohexane	9.274	83	6330	6.986	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	2995	6.862	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	670	0.974	ug/L #	61
46) Tetrachloroethene	10.860	164	4066	7.792	ug/L	88
48) 2-Hexanone	10.920	43	865	5.016	ug/L #	71
49) Dibromochloromethane	10.860	129	3348	7.602	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	1072	7.409	ug/L #	60

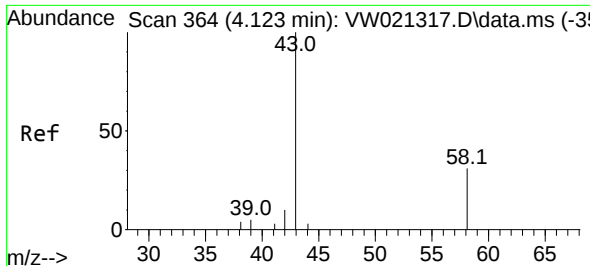
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 22.494 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Instrument :

MSVOA_W

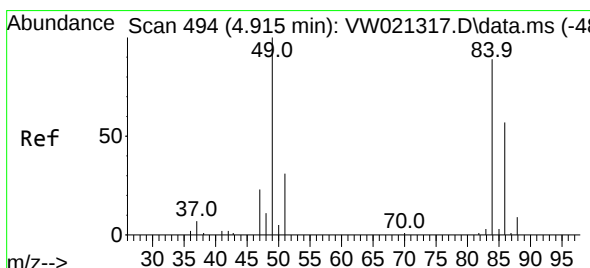
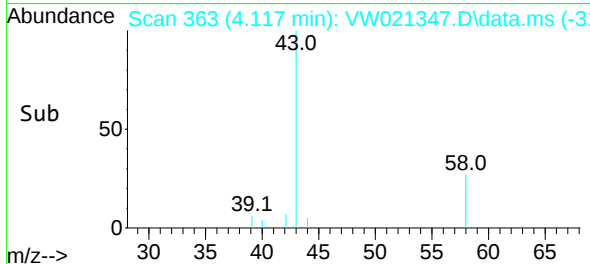
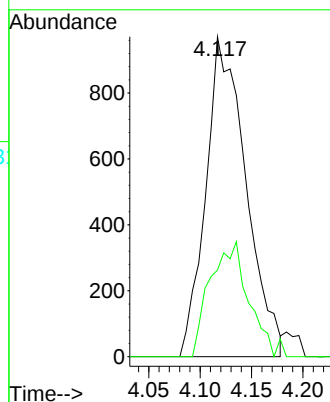
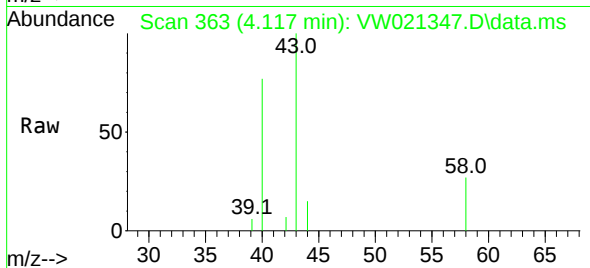
ClientSampleId :

Tgt Ion: 43 Resp: 2632

Ion Ratio Lower Upper

43 100

58 33.9 0.0 52.8



#16

Methylene chloride

Concen: 3.818 ug/L

RT: 4.909 min Scan# 493

Delta R.T. -0.006 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

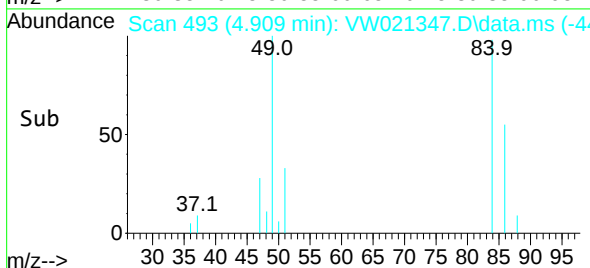
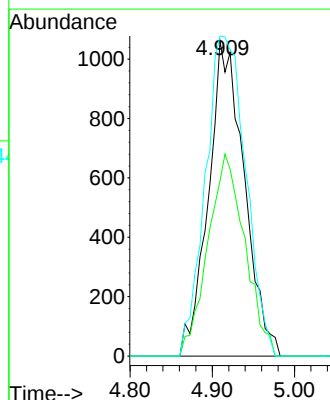
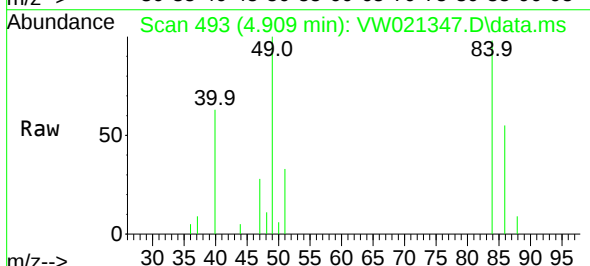
Tgt Ion: 84 Resp: 3207

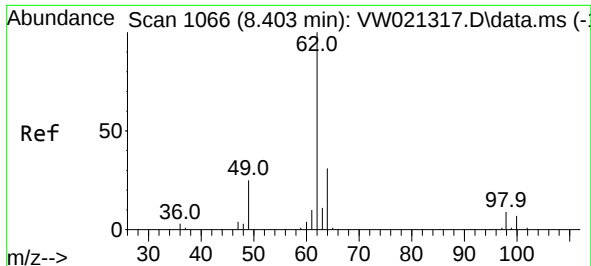
Ion Ratio Lower Upper

84 100

86 55.7 45.5 84.5

49 101.6 100.5 186.7





#27

1,2-Dichloroethane

Concen: 0.629 ug/L

RT: 8.269 min Scan# 1044

Delta R.T. -0.134 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Instrument :

MSVOA_W

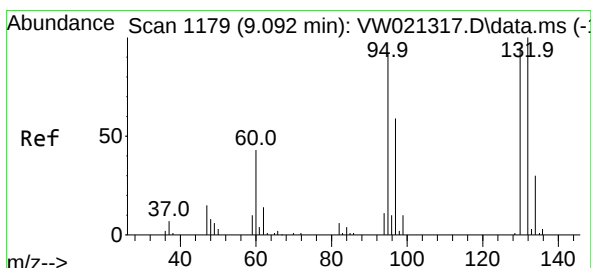
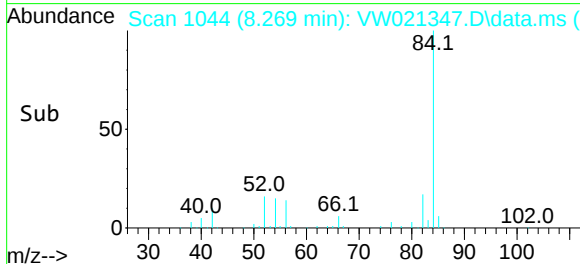
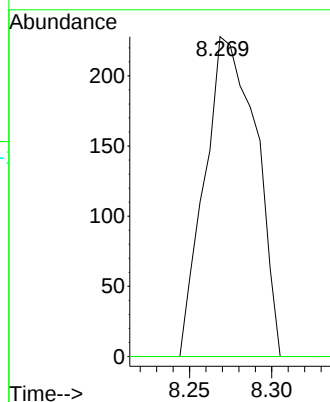
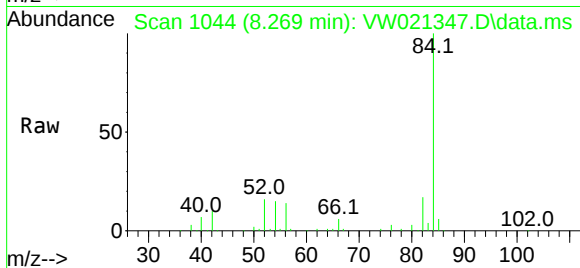
ClientSampleId :

Tgt Ion: 62 Resp: 495

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.089 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Tgt Ion: 95 Resp: 598

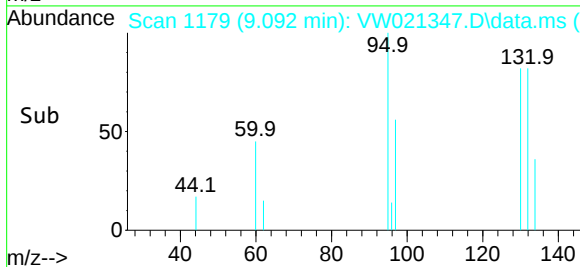
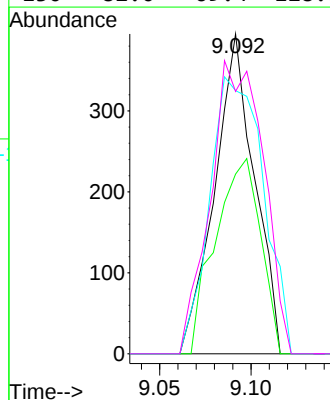
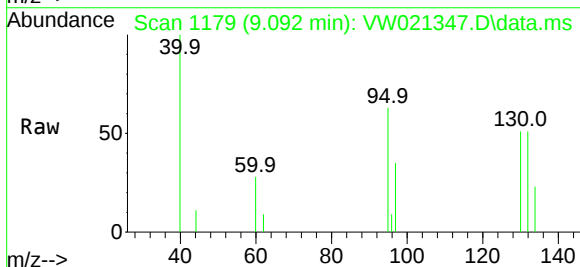
Ion Ratio Lower Upper

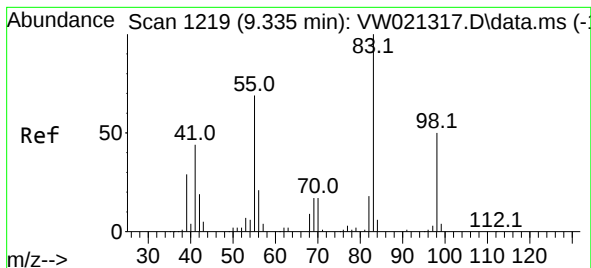
95 100

97 56.2 47.0 87.2

132 82.3 65.5 121.6

130 82.0 69.4 128.8





#35

Methylcyclohexane

Concen: 6.986 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021347.D

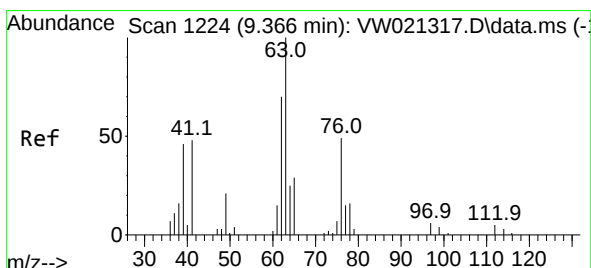
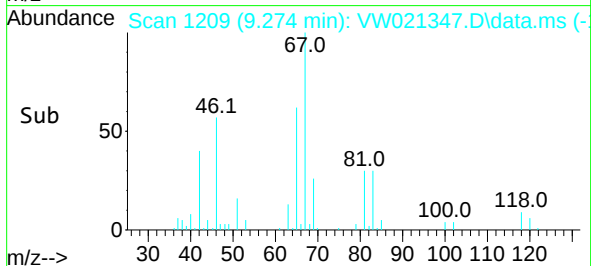
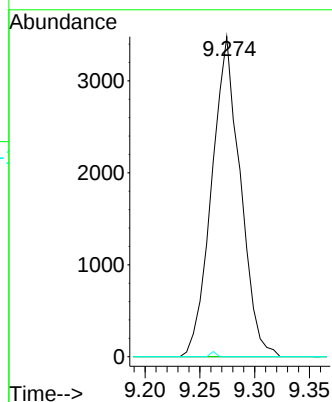
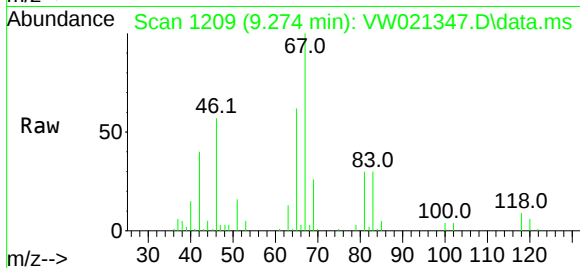
Acq: 12 Dec 2021 03:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	0.0	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 6.862 ug/L

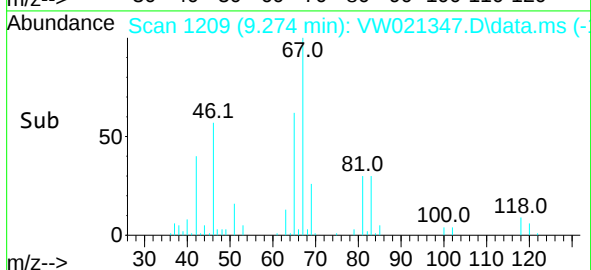
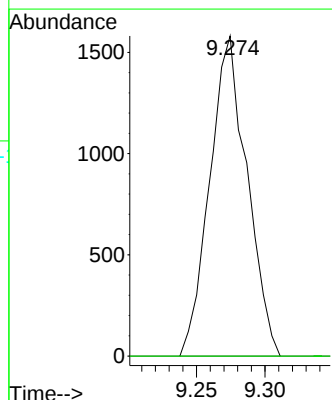
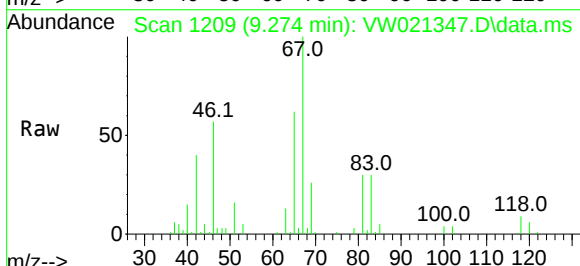
RT: 9.274 min Scan# 1209

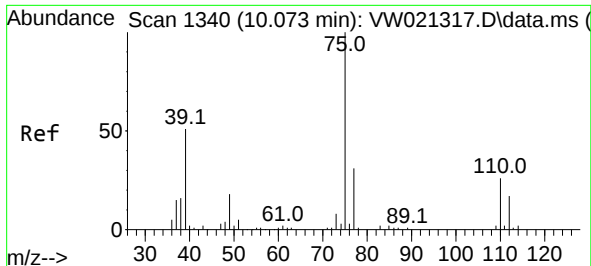
Delta R.T. -0.092 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.974 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Instrument :

MSVOA_W

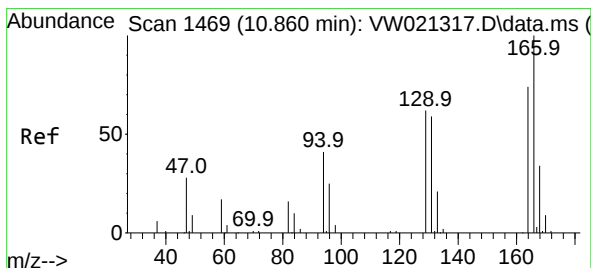
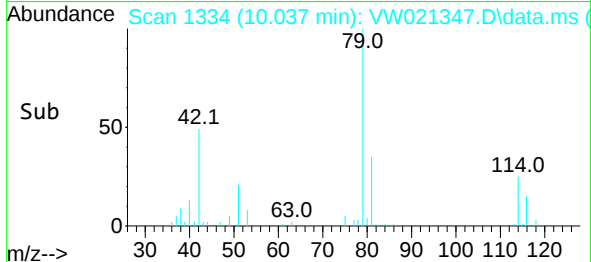
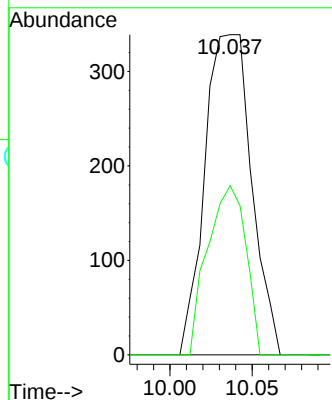
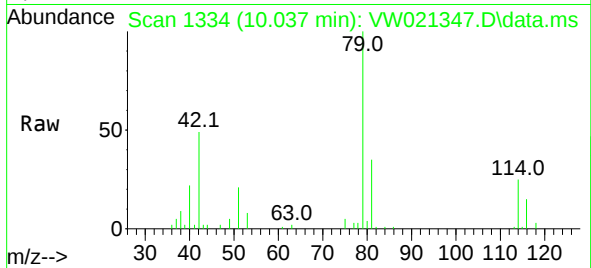
ClientSampleId :

Tgt Ion: 75 Resp: 670

Ion Ratio Lower Upper

75 100

77 52.8 21.8 40.6#



#46

Tetrachloroethene

Concen: 7.792 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021347.D

Acq: 12 Dec 2021 03:33

Tgt Ion: 164 Resp: 4066

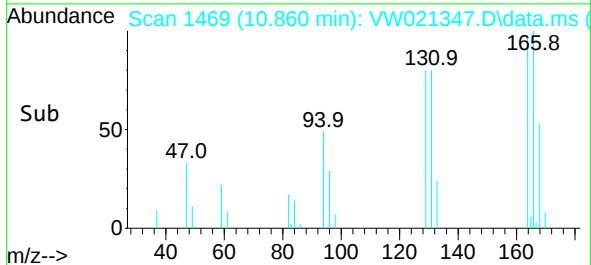
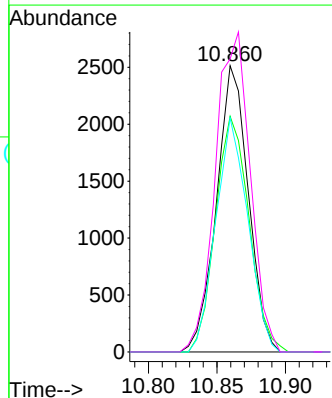
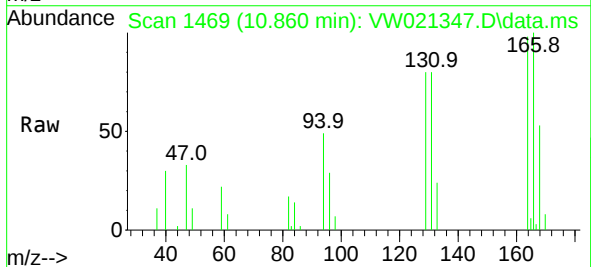
Ion Ratio Lower Upper

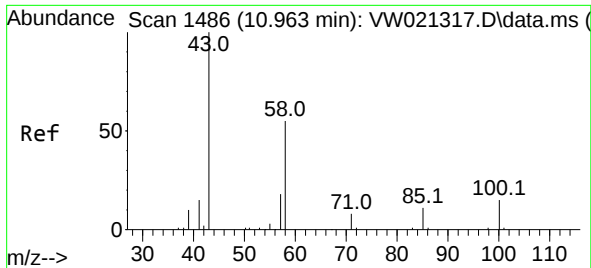
164 100

129 82.3 65.5 121.7

131 81.7 59.7 110.9

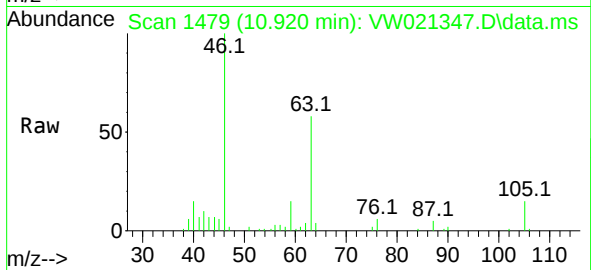
166 105.8 88.7 164.7



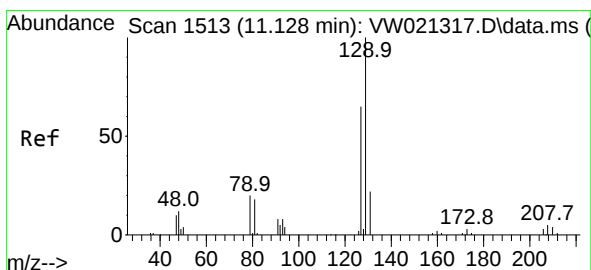
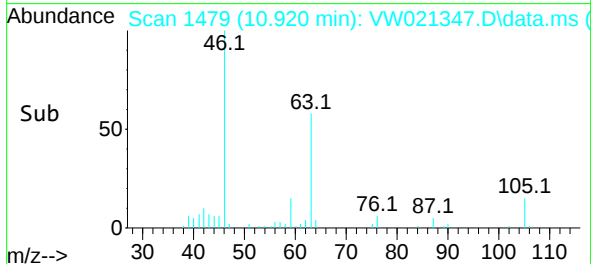
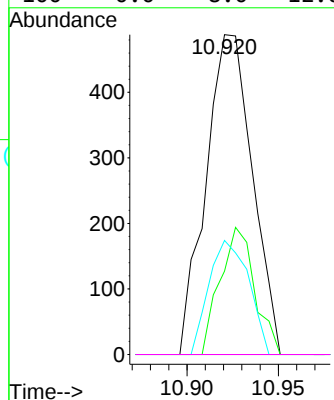


#48
2-Hexanone
Concen: 5.016 ug/L
RT: 10.920 min Scan# 1486
Delta R.T. -0.049 min
Lab File: VW021347.D
Acq: 12 Dec 2021 03:33

Instrument :
MSVOA_W
ClientSampleId :

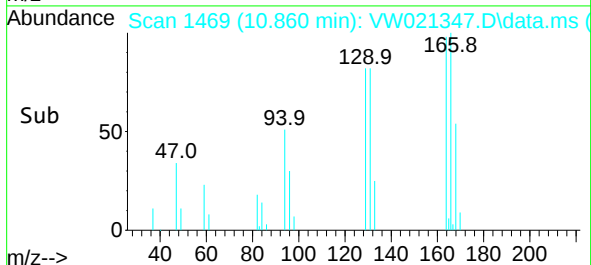
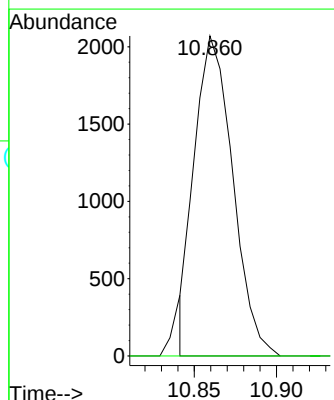
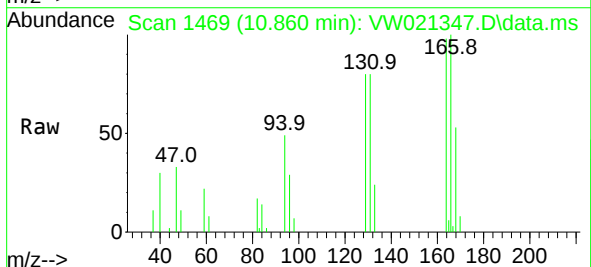


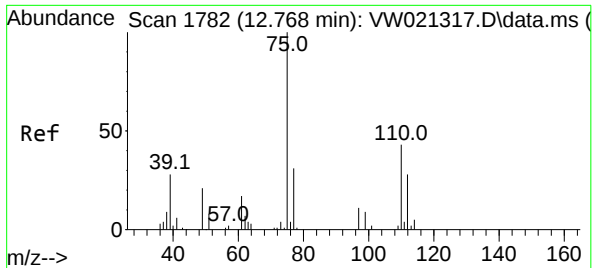
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 29.5 40.2 60.2#
57 30.5 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 7.602 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021347.D
Acq: 12 Dec 2021 03:33

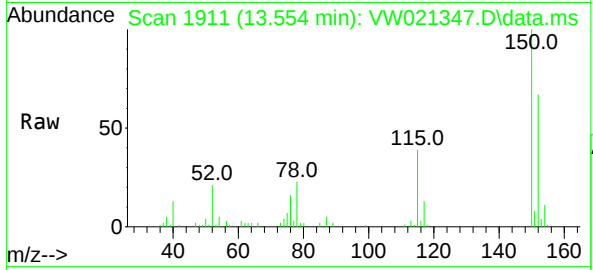
Tgt Ion: 129 Resp: 3348
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.409 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021347.D
 Acq: 12 Dec 2021 03:33

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	1072
Ion	Ratio	Lower	Upper
75	100		
77	40.9	25.8	38.8#
110	0.0	29.0	43.4#

