

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021482.D
 Acq On : 18 Dec 2021 17:30
 Operator : SY/VA
 Sample : M5154-14
 Misc : 6.86g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

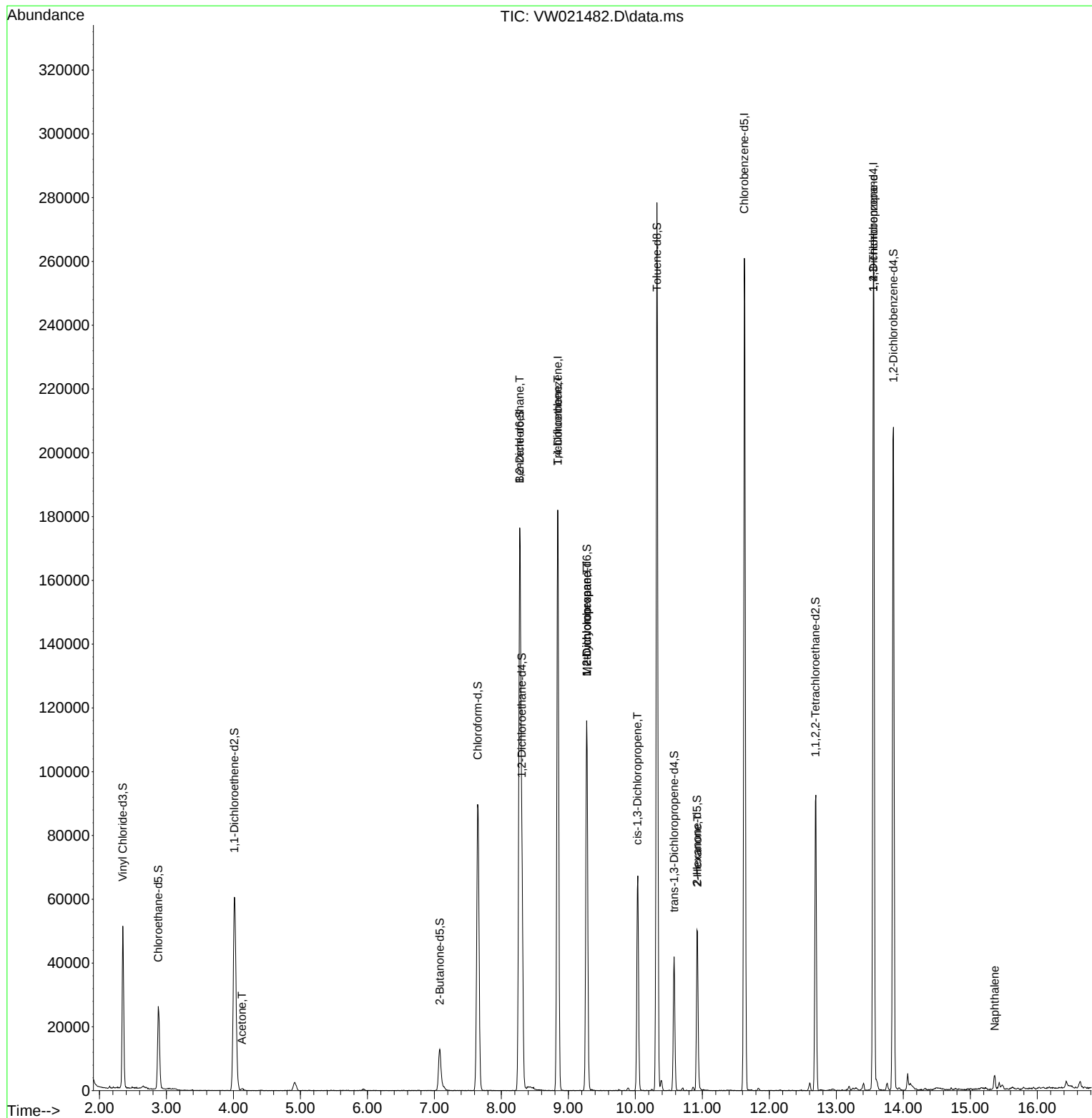
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155572	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	146494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73761	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48314	17.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.200%
7) Chloroethane-d5	2.879	69	30016	16.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
11) 1,1-Dichloroethene-d2	4.013	63	58649	15.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.120%
21) 2-Butanone-d5	7.080	46	21944	54.943	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.880%
24) Chloroform-d	7.647	84	91988	21.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	8.305	65	53399	23.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.275	84	179043	22.297	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.274	67	50375	23.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.323	98	176362	21.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	10.579	79	22237	22.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.920	63	17393	54.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42764	23.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	58446	20.445	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1105	3.086	ug/L	93
27) 1,2-Dichloroethane	8.275	62	1240	0.515	ug/L	# 77
34) Trichloroethene	8.842	95	4636	2.069	ug/L	# 5
35) Methylcyclohexane	9.274	83	13511	3.656	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	6557	3.684	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1911	0.681	ug/L	# 79
48) 2-Hexanone	10.927	43	2153	3.061	ug/L	# 72
61) 1,2,3-Trichloropropane	13.554	75	8195	7.634	ug/L	# 68
71) Naphthalene	15.365	128	4299	0.931	ug/L	98

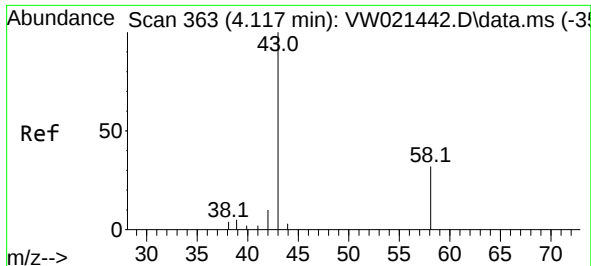
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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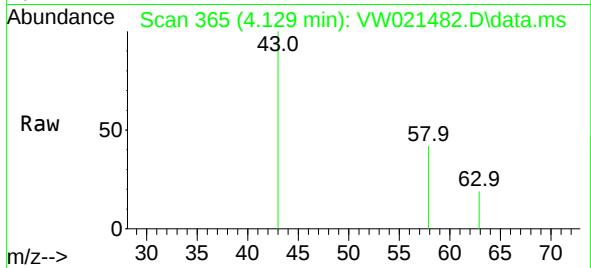
Quant Time: Dec 18 23:13:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
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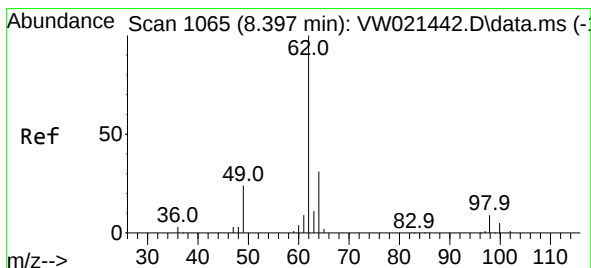
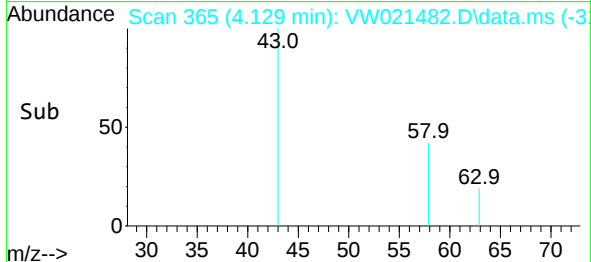
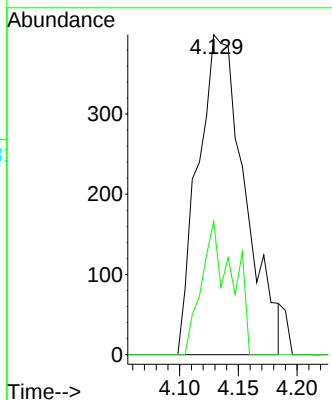


#13
Acetone
Concen: 3.086 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :

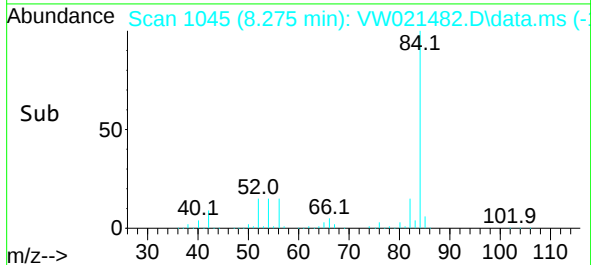
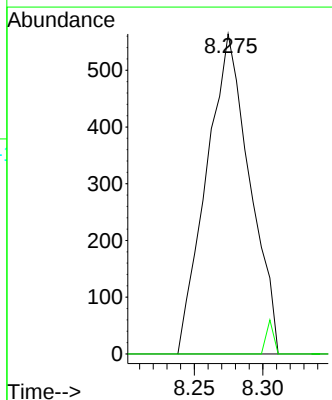
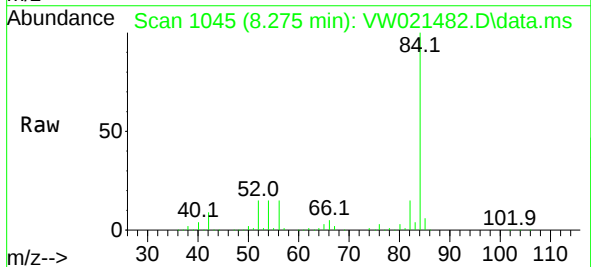


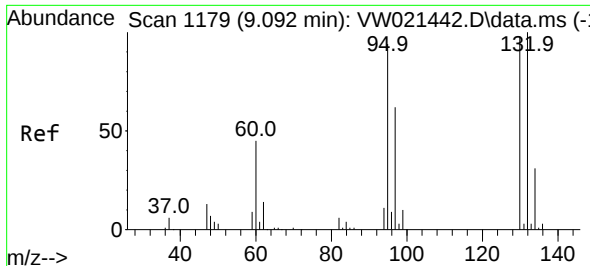
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 22.9 0.0 52.8



#27
1,2-Dichloroethane
Concen: 0.515 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

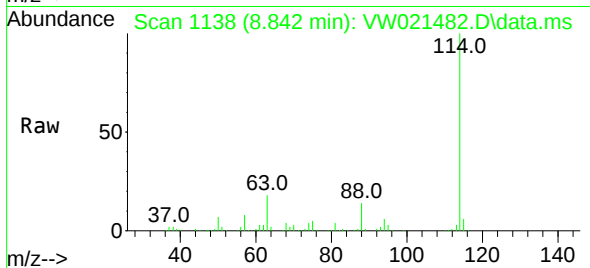
Tgt Ion: 62 Resp: 1240
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



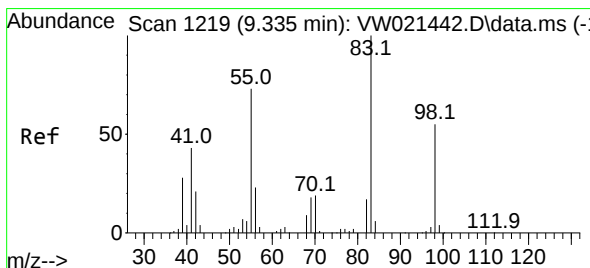
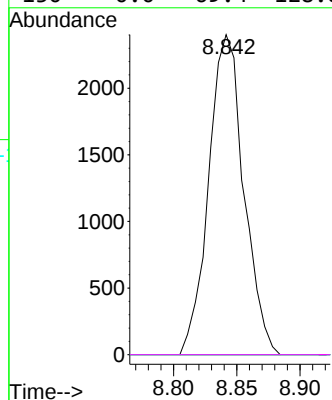


#34
Trichloroethene
Concen: 2.069 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :

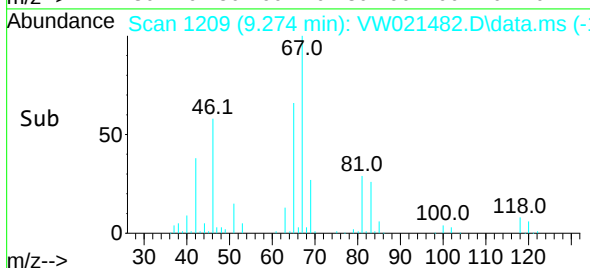
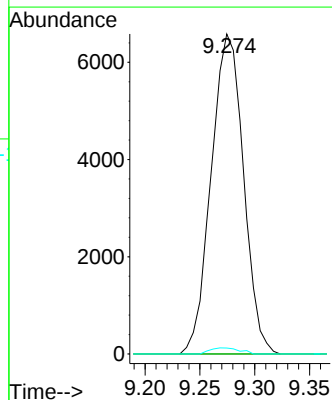
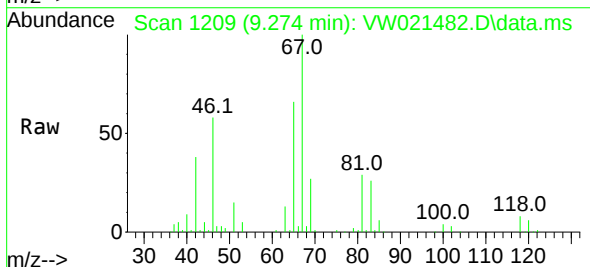


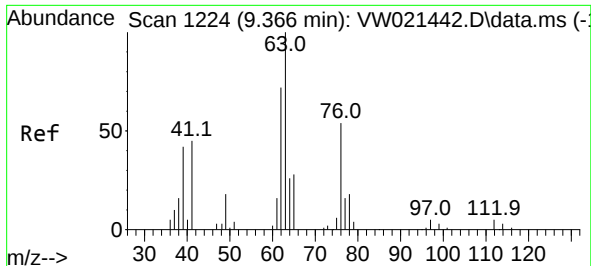
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
Methylcyclohexane
Concen: 3.656 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.7	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.684 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021482.D

Acq: 18 Dec 2021 17:30

Instrument :

MSVOA_W

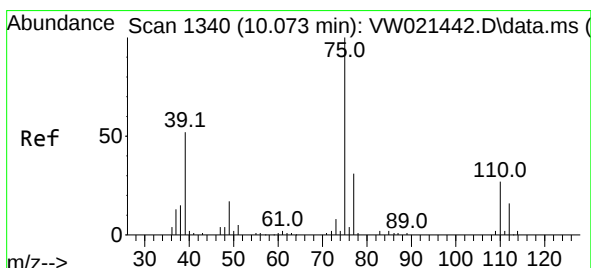
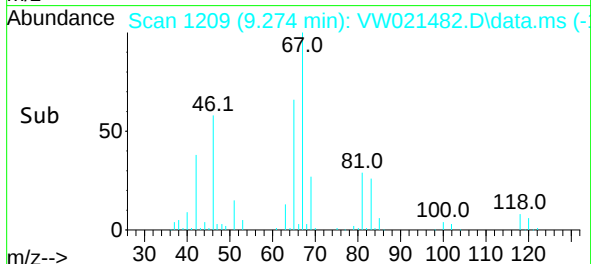
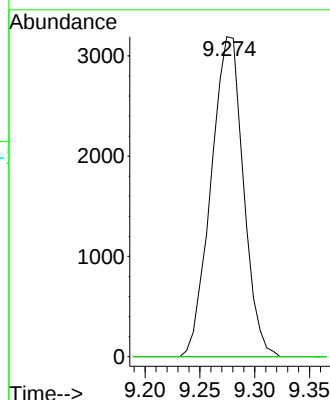
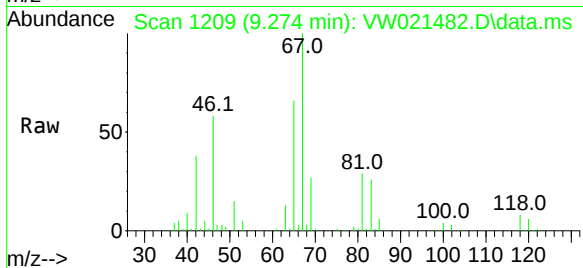
ClientSampleId :

Tgt Ion: 63 Resp: 6557

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021482.D

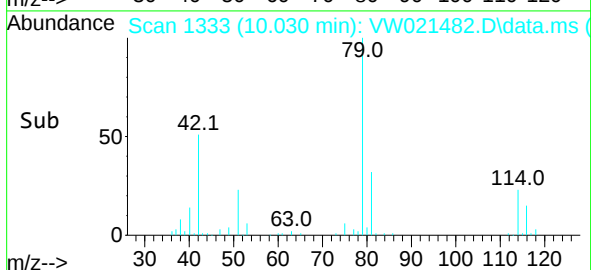
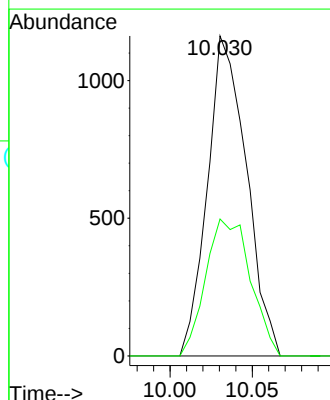
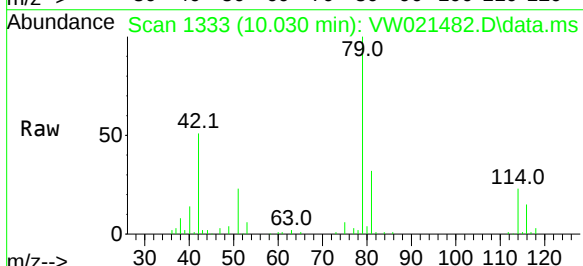
Acq: 18 Dec 2021 17:30

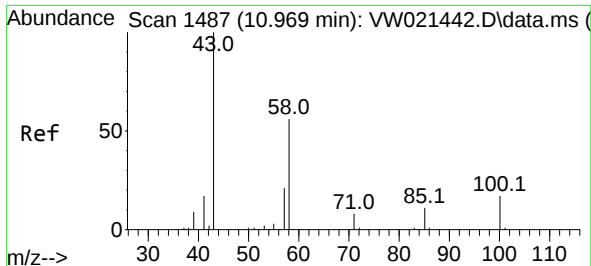
Tgt Ion: 75 Resp: 1911

Ion Ratio Lower Upper

75 100

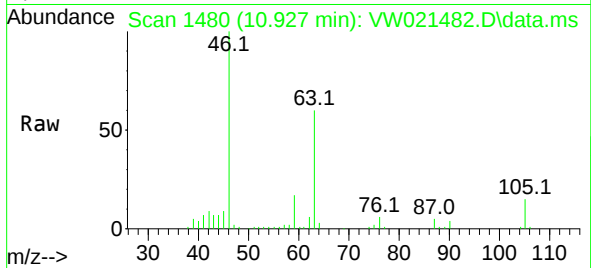
77 42.8 21.8 40.6#



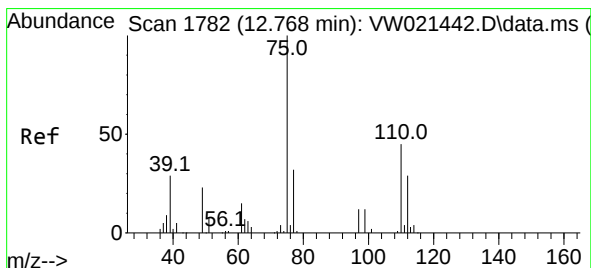
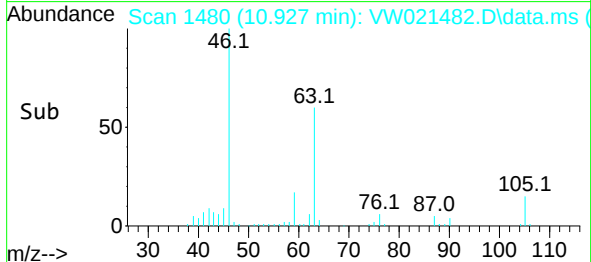
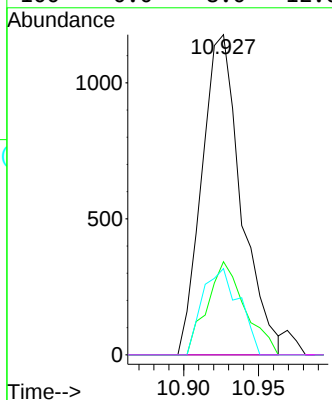


#48
2-Hexanone
Concen: 3.061 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :

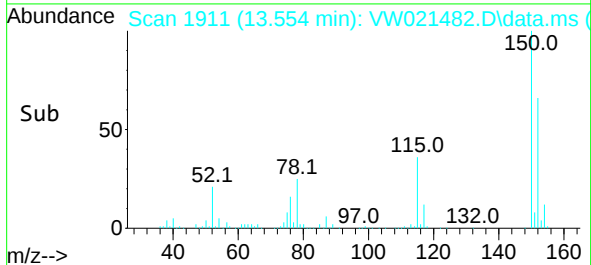
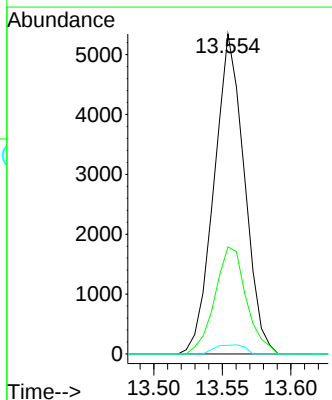
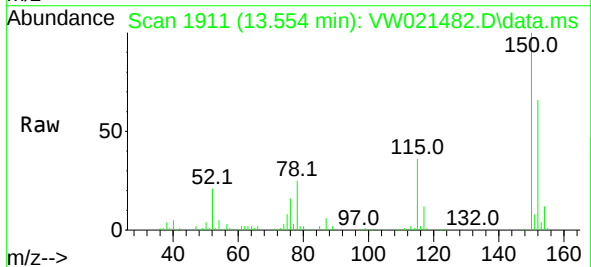


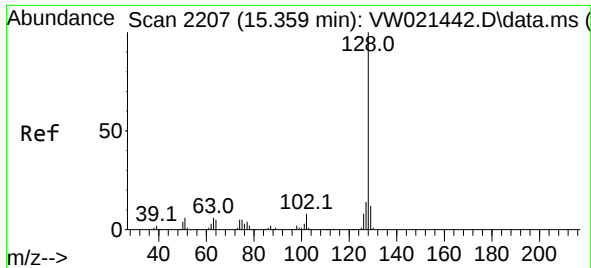
Tgt Ion: 43	Resp: 2153
Ion Ratio	Lower Upper
43 100	
58 27.8	40.2 60.2#
57 25.3	14.3 21.5#
100 0.0	8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.634 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

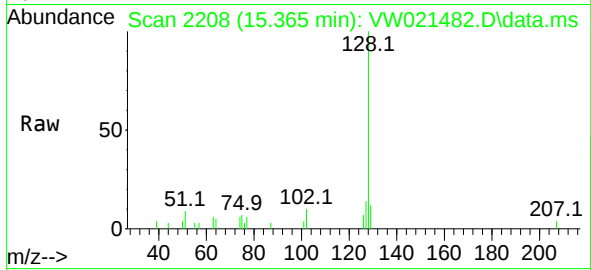
Tgt Ion: 75	Resp: 8195
Ion Ratio	Lower Upper
75 100	
77 34.9	25.8 38.8
110 2.8	29.0 43.4#





#71
Naphthalene
Concen: 0.931 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021482.D
Acq: 18 Dec 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 4299
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 12.0 8.6 12.8

