

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021048.D
 Acq On : 02 Dec 2021 15:36
 Operator : SY/VA
 Sample : M4886-09
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:25:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

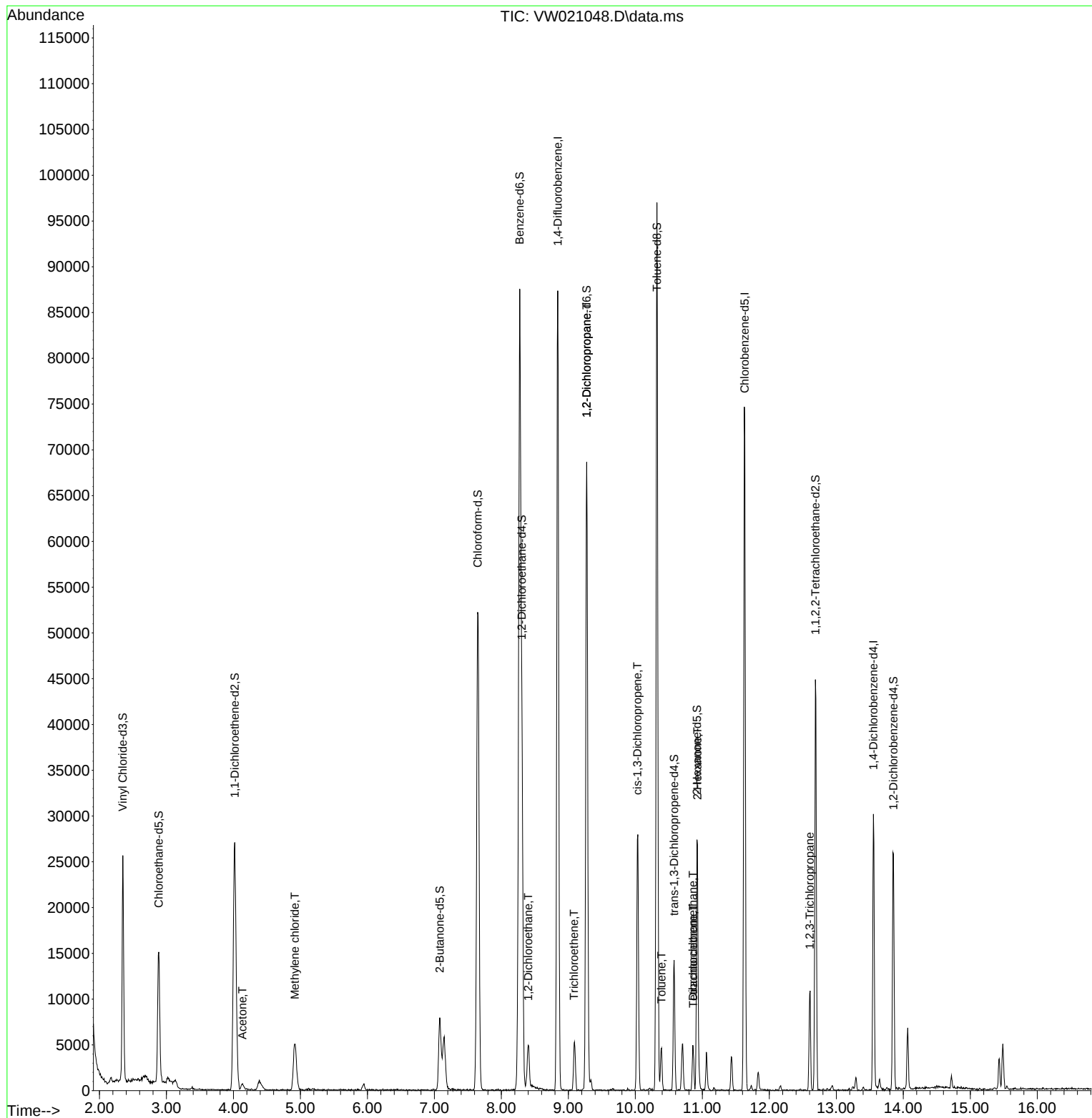
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	76074	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	42040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	7909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21660	24.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.885	69	17369	30.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.080%
11) 1,1-Dichloroethene-d2	4.019	63	25090	14.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.800%
21) 2-Butanone-d5	7.080	46	13139	59.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.300%
24) Chloroform-d	7.646	84	53130	27.718	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.880%
26) 1,2-Dichloroethane-d4	8.305	65	27705	28.475	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.920%
32) Benzene-d6	8.274	84	81959	36.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	147.960%#
36) 1,2-Dichloropropane-d6	9.274	67	29805	47.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	188.960%#
41) Toluene-d8	10.323	98	62246	28.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	10.579	79	7469	25.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.920	63	9036	86.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.700%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20091	41.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	166.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	7178	25.464	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.840%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1330	6.763	ug/L	87
16) Methylene chloride	4.915	84	4187	3.946	ug/L	86
27) 1,2-Dichloroethane	8.402	62	3983	3.536	ug/L	99
34) Trichloroethene	9.085	95	1810	2.719	ug/L	97
37) 1,2-Dichloropropane	9.274	63	3637	6.565	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	816	0.892	ug/L	# 71
42) Toluene	10.390	91	3775	1.410	ug/L	94
46) Tetrachloroethene	10.865	164	1121	1.834	ug/L	88
48) 2-Hexanone	10.926	43	1339	5.863	ug/L	# 64
49) Dibromochloromethane	10.859	129	886	1.492	ug/L	# 10
61) 1,2,3-Trichloropropane	12.603	75	86	0.741	ug/L	# 40

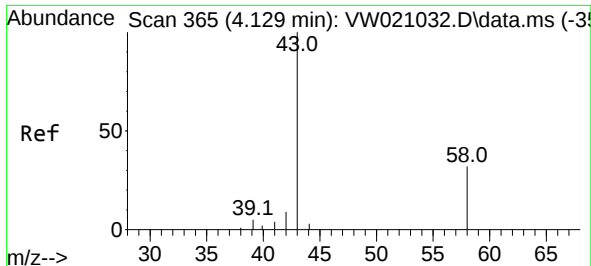
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021048.D
Acq On : 02 Dec 2021 15:36
Operator : SY/VA
Sample : M4886-09
Misc : 3.25g/10.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 02:25:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.763 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Instrument :

MSVOA_W

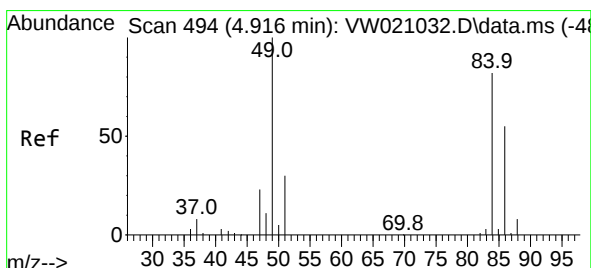
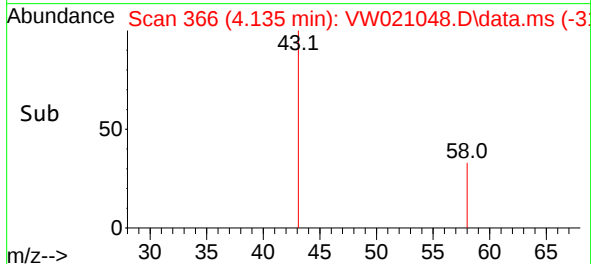
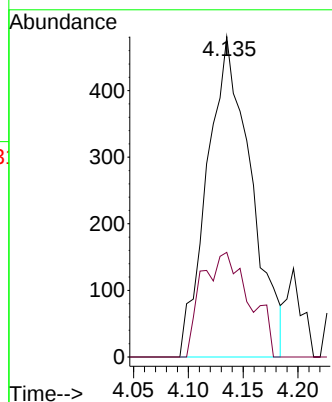
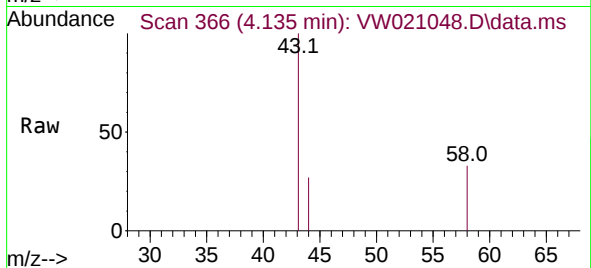
ClientSampleId :

Tgt Ion: 43 Resp: 1330

Ion Ratio Lower Upper

43 100

58 19.7 0.0 52.8



#16

Methylene chloride

Concen: 3.946 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.000 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

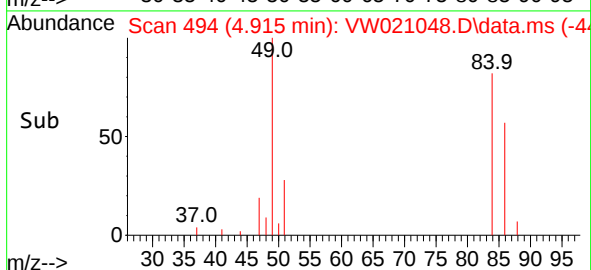
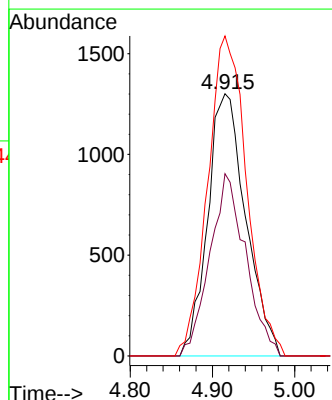
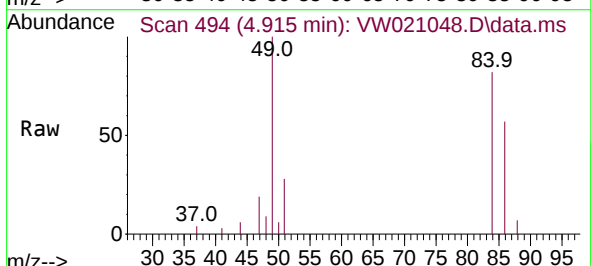
Tgt Ion: 84 Resp: 4187

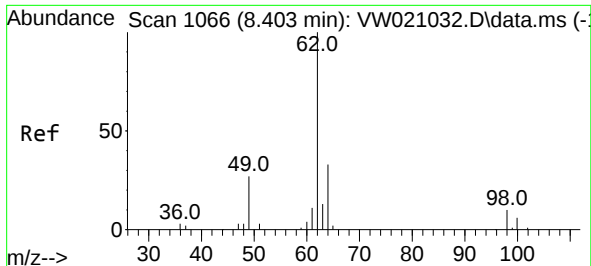
Ion Ratio Lower Upper

84 100

86 69.5 45.5 84.5

49 122.1 100.5 186.7





#27

1,2-Dichloroethane

Concen: 3.536 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Instrument :

MSVOA_W

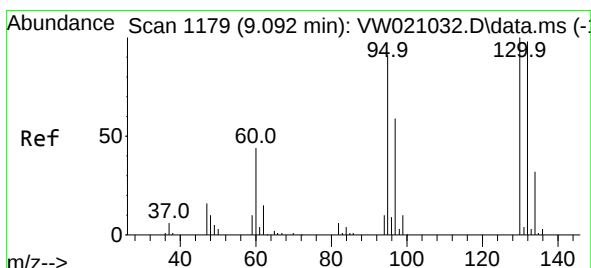
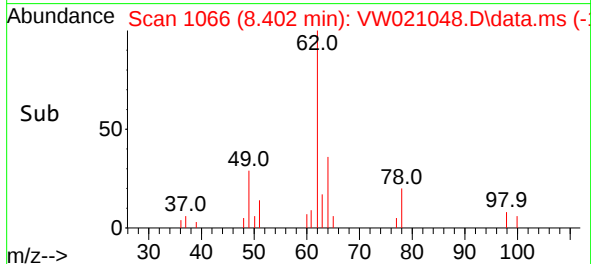
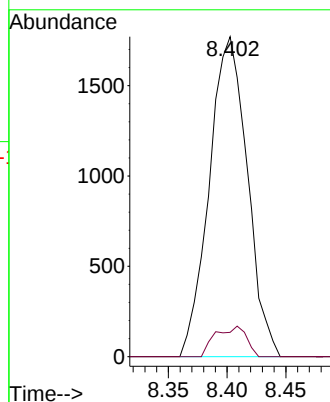
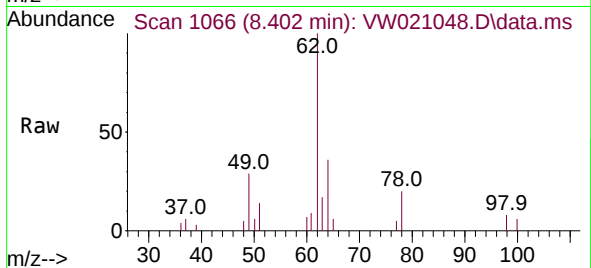
ClientSampleId :

Tgt Ion: 62 Resp: 3983

Ion Ratio Lower Upper

62 100

98 7.6 6.5 9.7



#34

Trichloroethene

Concen: 2.719 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Tgt Ion: 95 Resp: 1810

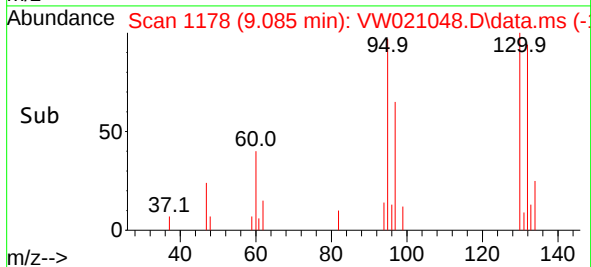
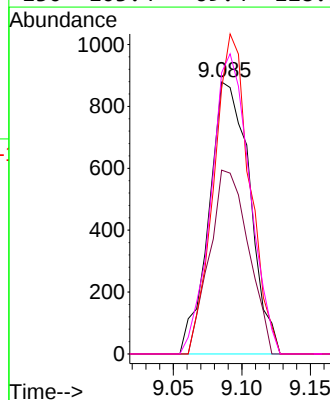
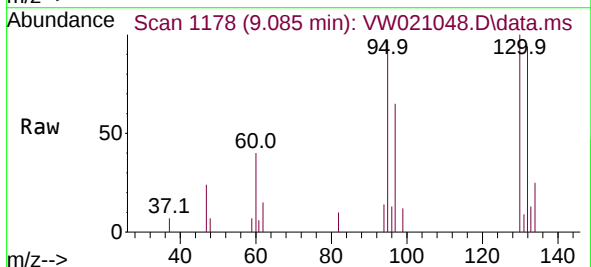
Ion Ratio Lower Upper

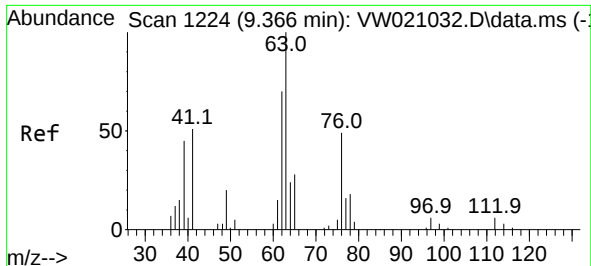
95 100

97 67.6 47.0 87.2

132 97.6 65.5 121.6

130 103.4 69.4 128.8





#37

1,2-Dichloropropane

Concen: 6.565 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Instrument :

MSVOA_W

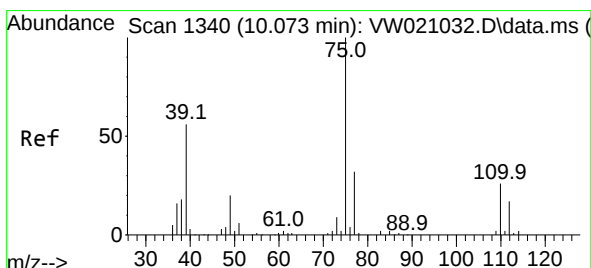
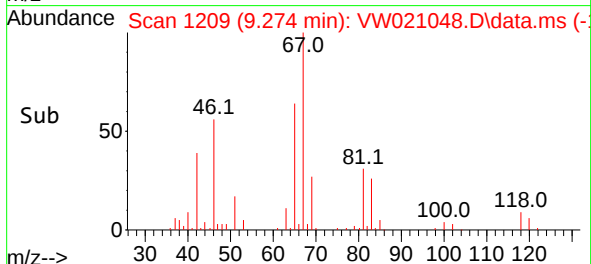
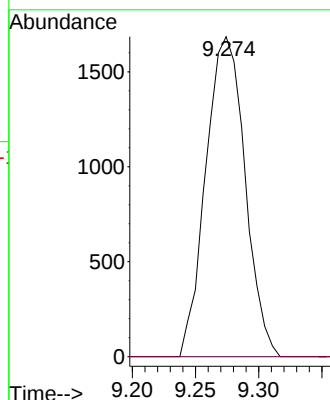
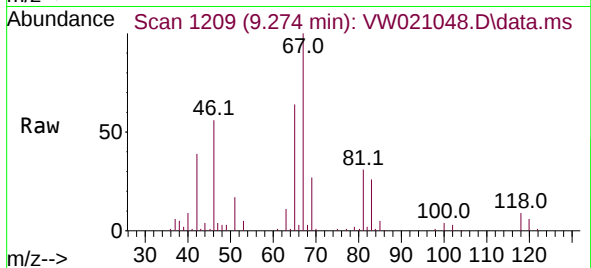
ClientSampleId :

Tgt Ion: 63 Resp: 3637

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.892 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021048.D

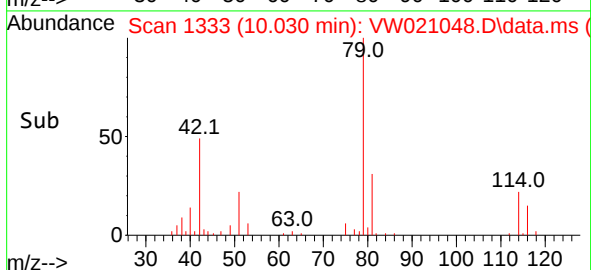
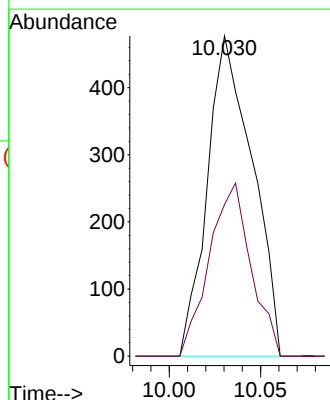
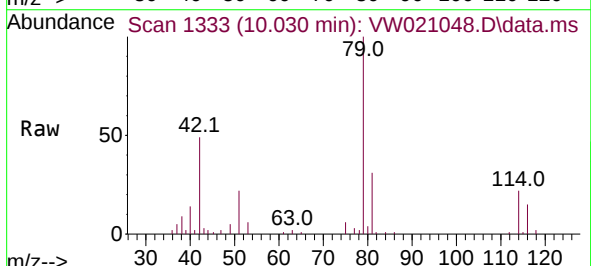
Acq: 02 Dec 2021 15:36

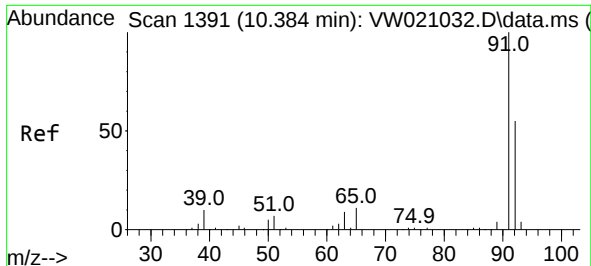
Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.6#

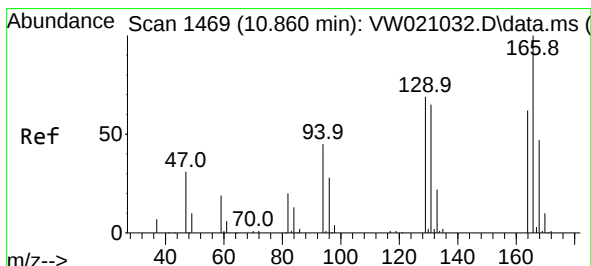
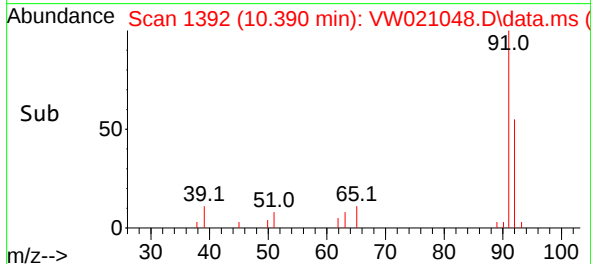
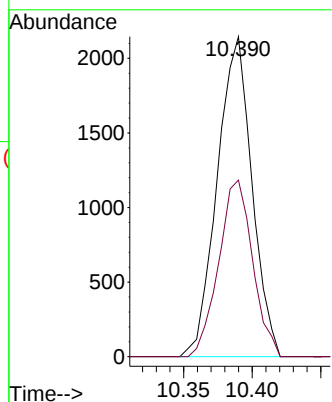
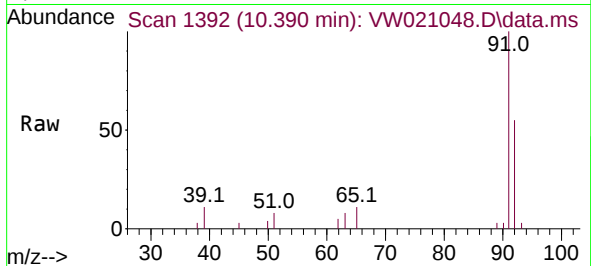




#42
Toluene
Concen: 1.410 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

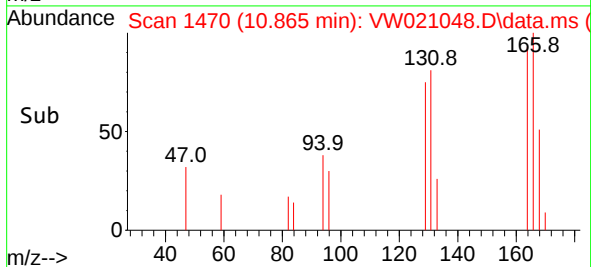
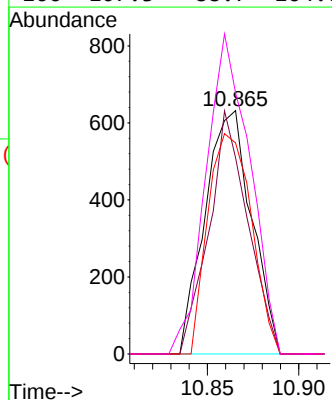
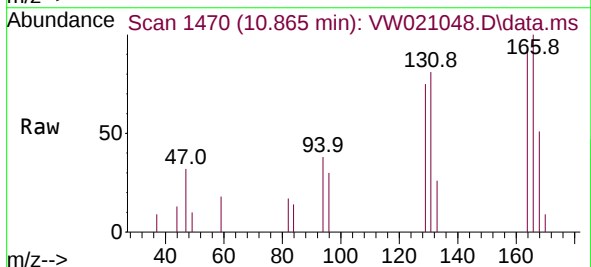
Instrument :
MSVOA_W
ClientSampleId :

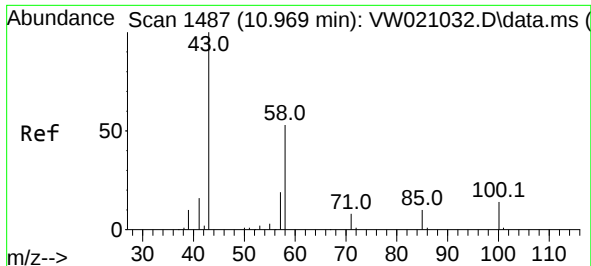
Tgt Ion: 91 Resp: 3775
Ion Ratio Lower Upper
91 100
92 55.2 41.7 77.5



#46
Tetrachloroethene
Concen: 1.834 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

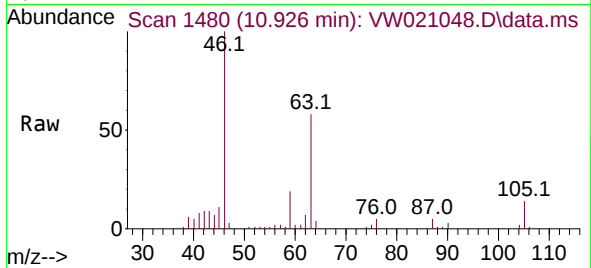
Tgt Ion: 164 Resp: 1121
Ion Ratio Lower Upper
164 100
129 80.7 65.5 121.7
131 86.7 59.7 110.9
166 107.3 88.7 164.7



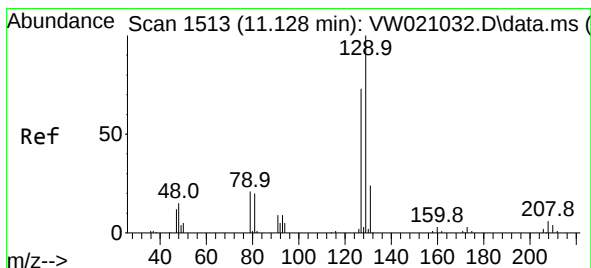
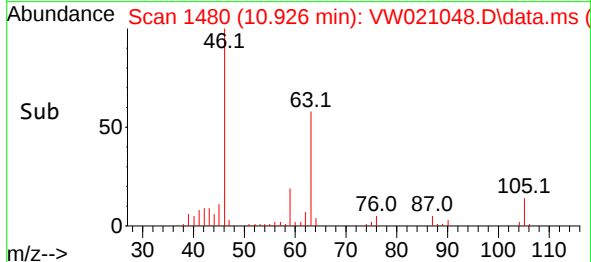
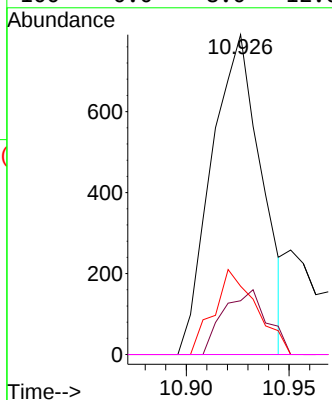


#48
2-Hexanone
Concen: 5.863 ug/L
RT: 10.926 min Scan# 1469
Delta R.T. -0.043 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

Instrument :
MSVOA_W
ClientSampleId :

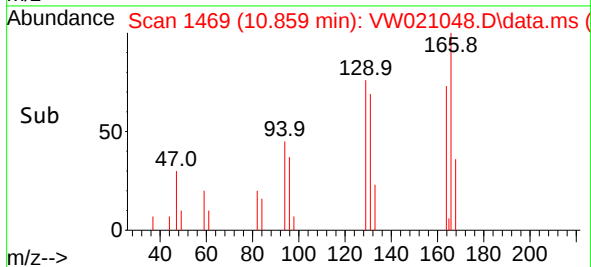
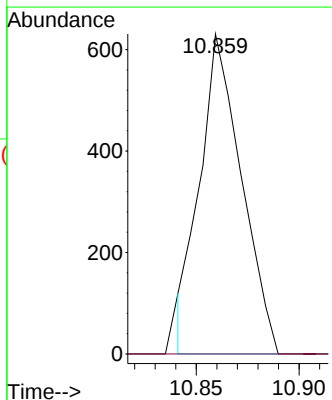
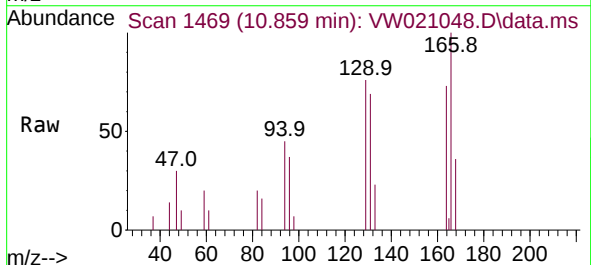


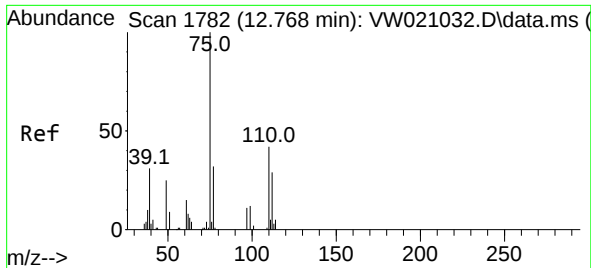
Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 17.7 40.2 60.2#
57 22.6 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 1.492 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.269 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

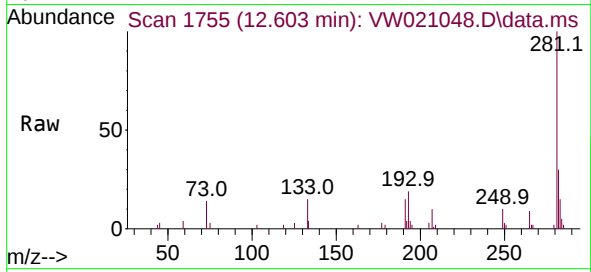
Tgt Ion: 129 Resp: 886
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.741 ug/L
 RT: 12.603 min Scan# 11
 Delta R.T. -0.165 min
 Lab File: VW021048.D
 Acq: 02 Dec 2021 15:36

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	86
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
110	0.0	29.0	43.4#

