

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021147.D
 Acq On : 05 Dec 2021 04:14
 Operator : SY/VA
 Sample : M4886-09RE
 Misc : 4.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:30:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	3633	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	2675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	545	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	2520	49.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	199.160%#
7) Chloroethane-d5	2.891	69	2915	86.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	344.120%#
11) 1,1-Dichloroethene-d2	4.025	63	2832	35.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	140.080%#
21) 2-Butanone-d5	7.092	46	1277	110.605	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	221.220%#
24) Chloroform-d	7.653	84	5447	59.868	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	239.480%#
26) 1,2-Dichloroethane-d4	8.311	65	3785	76.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	304.160%#
32) Benzene-d6	8.281	84	6768	49.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	197.920%#
36) 1,2-Dichloropropane-d6	9.281	67	3379	88.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	355.600%#
41) Toluene-d8	10.323	98	5112	36.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	145.800%#
43) trans-1,3-Dichloroprop...	10.579	79	726	42.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	168.240%#
47) 2-Hexanone-d5	10.920	63	984	135.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.620%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	2676	76.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	304.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	709	36.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	145.240%#

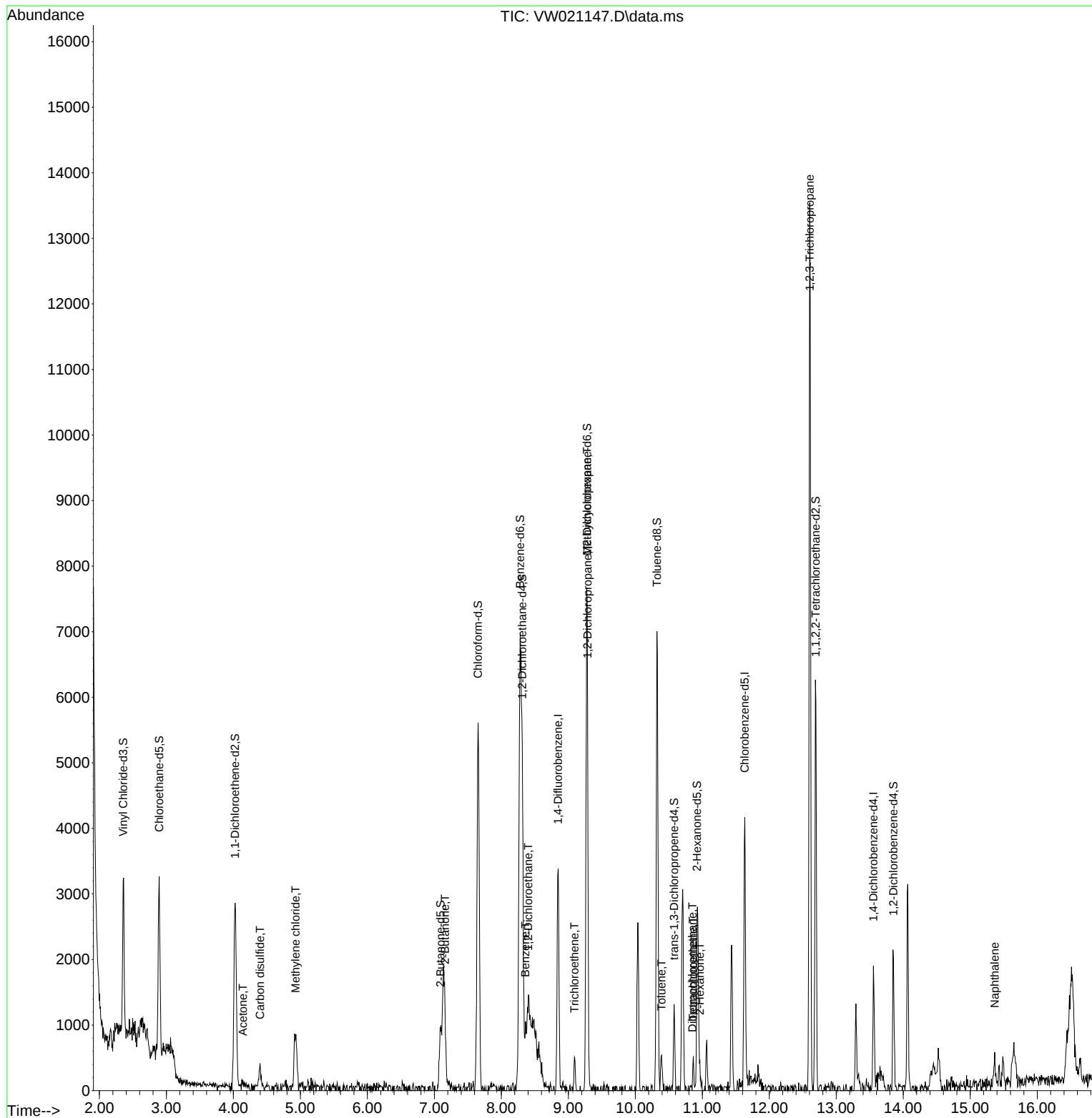
Target Compounds					Qvalue
13) Acetone	4.141	43	146	13.882	ug/L # 49
14) Carbon disulfide	4.397	76	363	2.773	ug/L # 75
16) Methylene chloride	4.928	84	424	7.408	ug/L 96
22) 2-Butanone	7.159	43	77	5.291	ug/L # 52
27) 1,2-Dichloroethane	8.403	62	349	5.970	ug/L # 77
33) Benzene	8.360	78	980	6.442	ug/L 100
34) Trichloroethene	9.092	95	131	3.122	ug/L # 68
35) Methylcyclohexane	9.281	83	853	12.075	ug/L # 14
37) 1,2-Dichloropropane	9.287	63	398	11.576	ug/L # 88
42) Toluene	10.390	91	528	3.039	ug/L 84
46) Tetrachloroethene	10.860	164	71	1.848	ug/L 82
48) 2-Hexanone	10.963	43	115	6.806	ug/L # 41
49) Dibromochloromethane	10.853	129	147	4.080	ug/L # 10
61) 1,2,3-Trichloropropane	12.603	75	145	15.882	ug/L # 40
71) Naphthalene	15.365	128	512	12.788	ug/L # 80

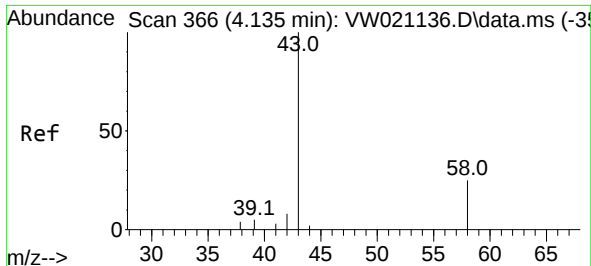
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 04:30:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 13.882 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

Instrument :

MSVOA_W

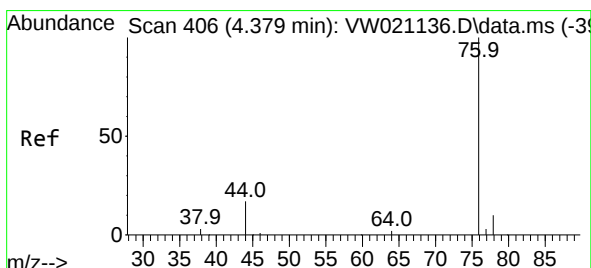
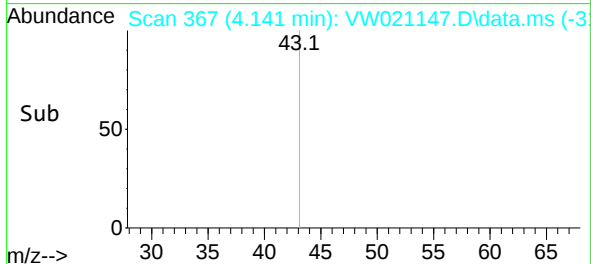
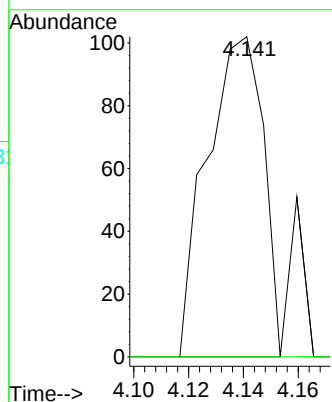
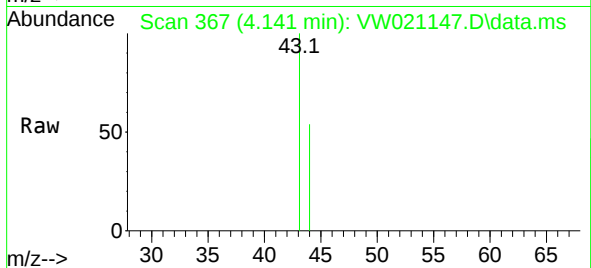
ClientSampleId :

Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

43 100

58 0.0 0.0 52.8



#14

Carbon disulfide

Concen: 2.773 ug/L

RT: 4.397 min Scan# 409

Delta R.T. 0.006 min

Lab File: VW021147.D

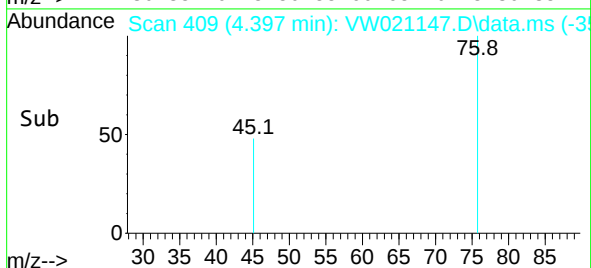
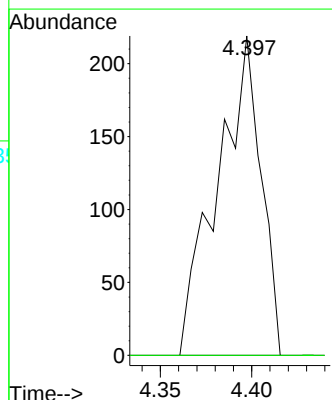
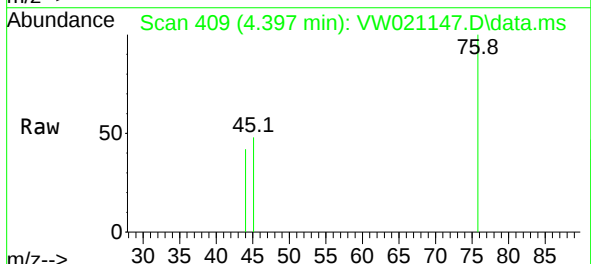
Acq: 05 Dec 2021 04:14

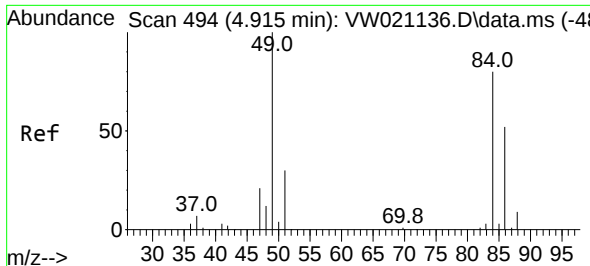
Tgt Ion: 76 Resp: 363

Ion Ratio Lower Upper

76 100

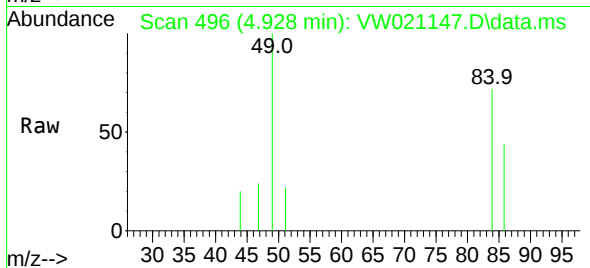
78 0.0 7.1 10.7#





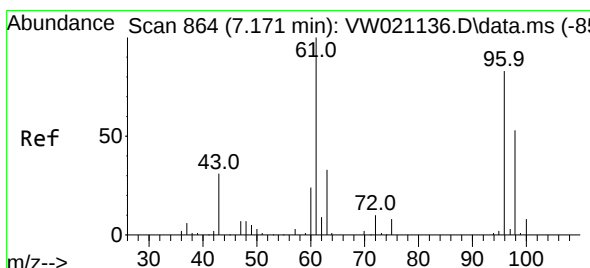
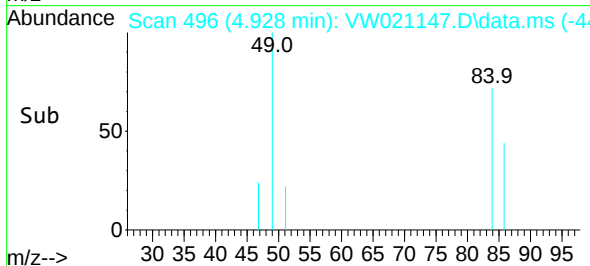
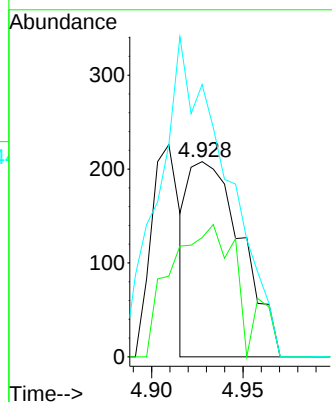
#16
Methylene chloride
Concen: 7.408 ug/L
RT: 4.928 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 424

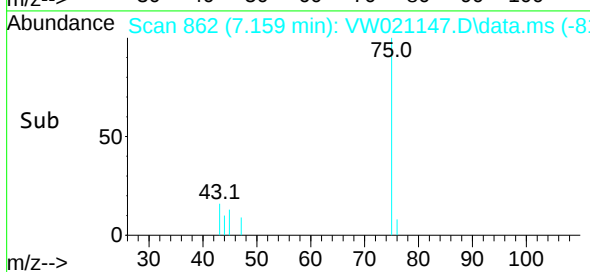
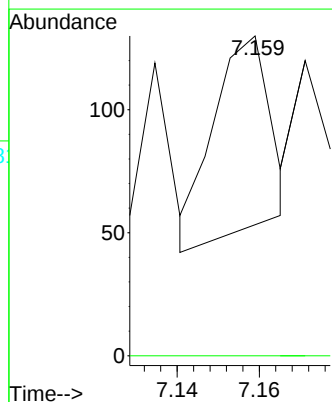
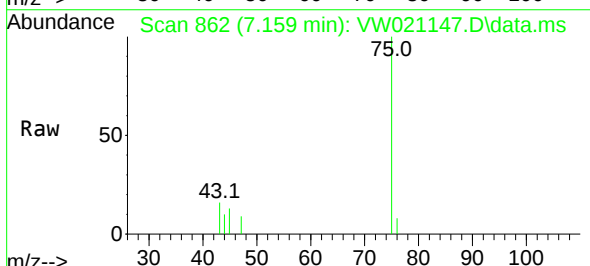
Ion	Ratio	Lower	Upper
84	100		
86	61.1	45.5	84.5
49	139.4	100.5	186.7

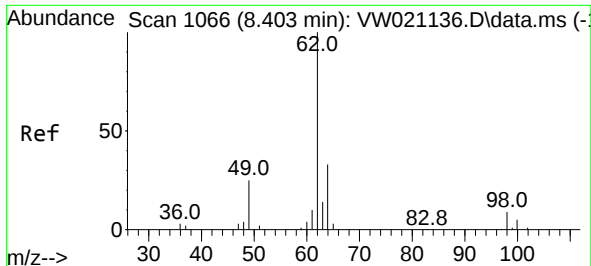


#22
2-Butanone
Concen: 5.291 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4#





#27

1,2-Dichloroethane

Concen: 5.970 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

Instrument :

MSVOA_W

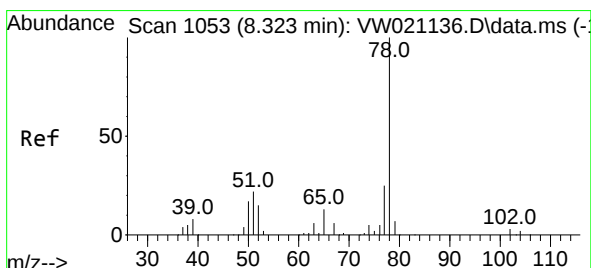
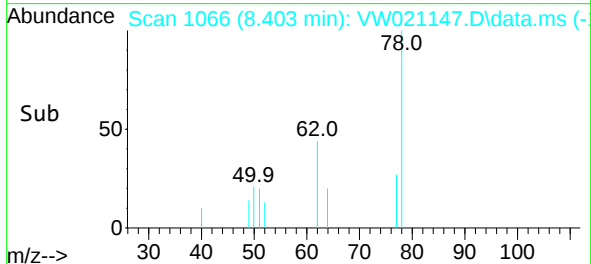
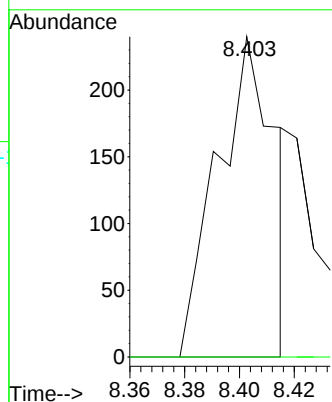
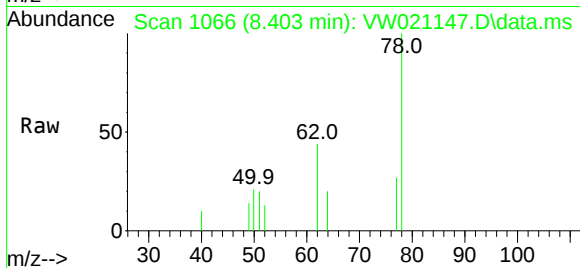
ClientSampleId :

Tgt Ion: 62 Resp: 349

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#33

Benzene

Concen: 6.442 ug/L

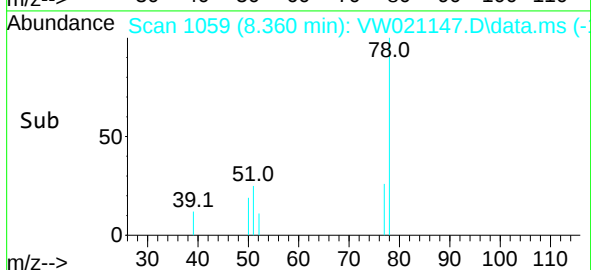
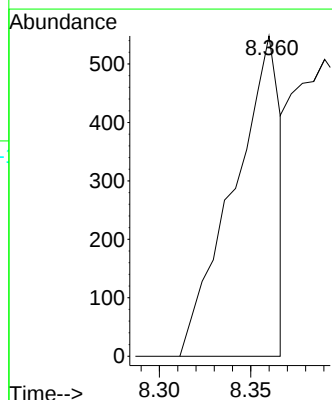
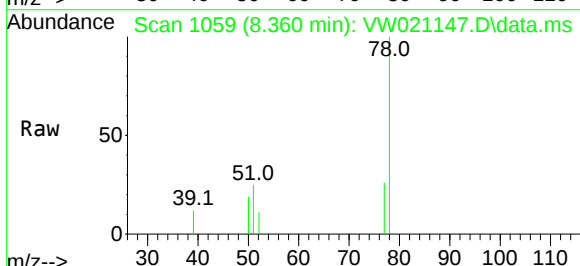
RT: 8.360 min Scan# 1059

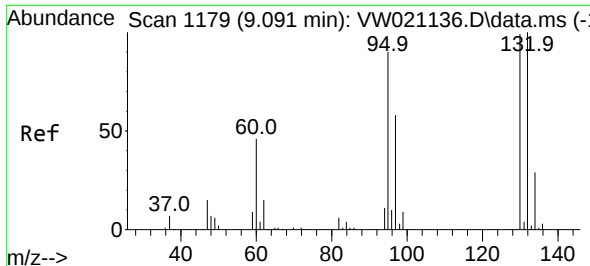
Delta R.T. 0.037 min

Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

Tgt Ion: 78 Resp: 980





#34

Trichloroethene

Concen: 3.122 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

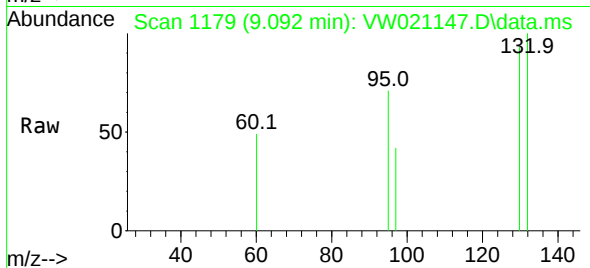
Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 131

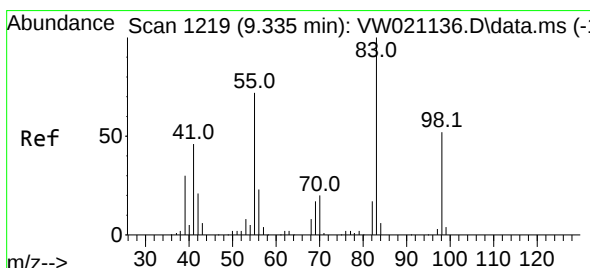
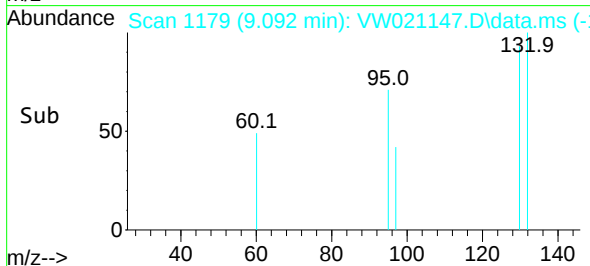
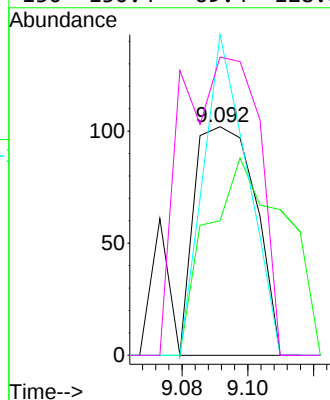
Ion Ratio Lower Upper

95 100

97 58.8 47.0 87.2

132 140.2 65.5 121.6#

130 130.4 69.4 128.8#



#35

Methylcyclohexane

Concen: 12.075 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

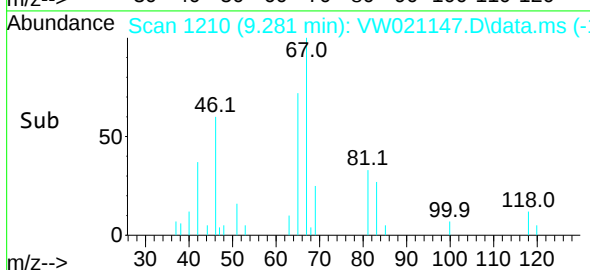
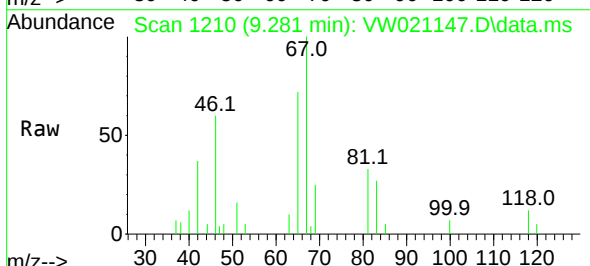
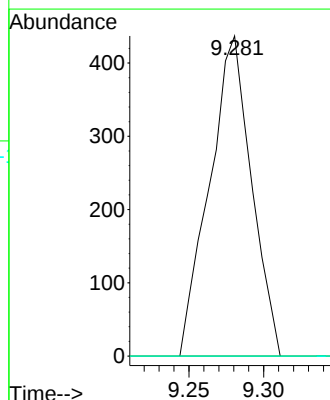
Tgt Ion: 83 Resp: 853

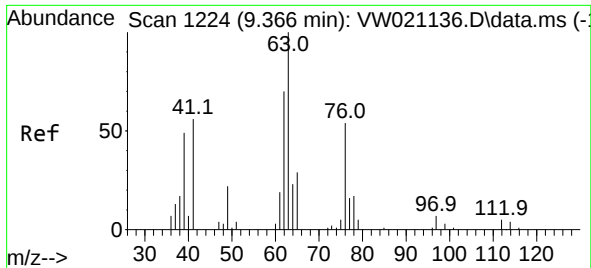
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 11.576 ug/L

RT: 9.287 min Scan# 11

Delta R.T. -0.085 min

Lab File: VW021147.D

Acq: 05 Dec 2021 04:14

Instrument :

MSVOA_W

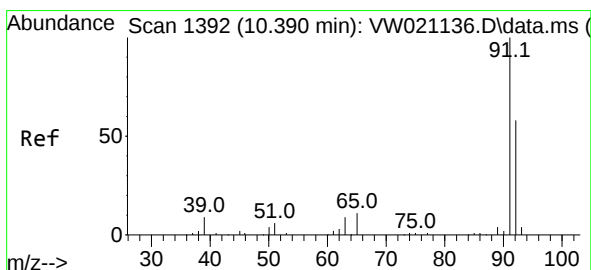
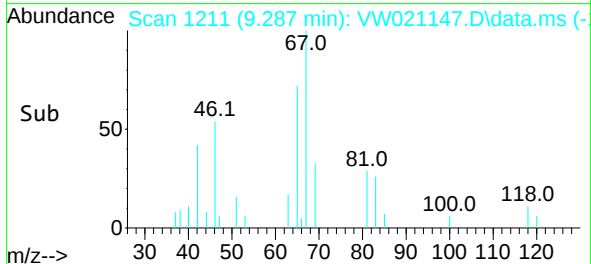
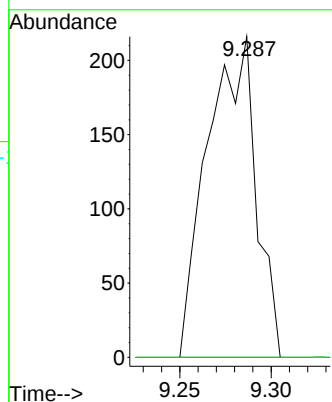
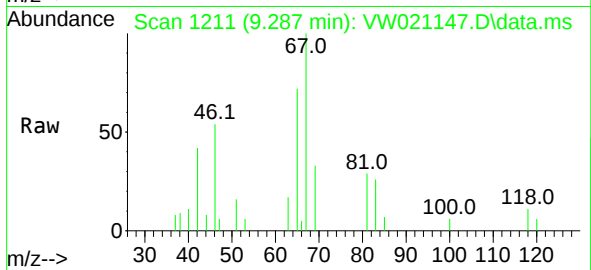
ClientSampleId :

Tgt Ion: 63 Resp: 398

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 3.039 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021147.D

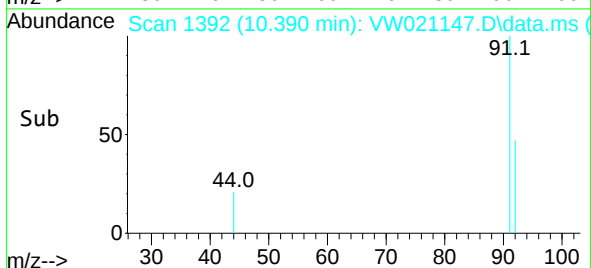
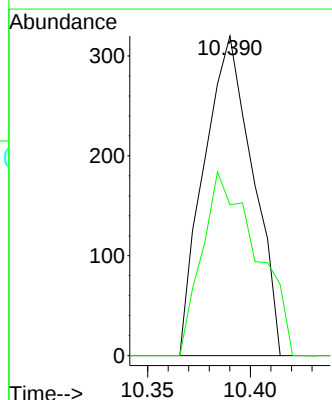
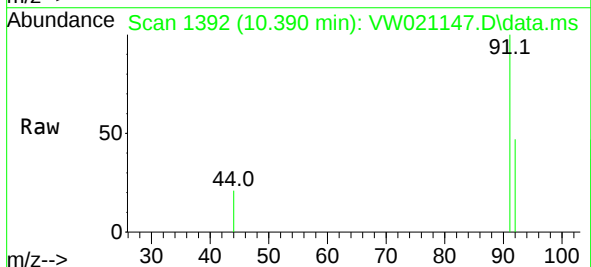
Acq: 05 Dec 2021 04:14

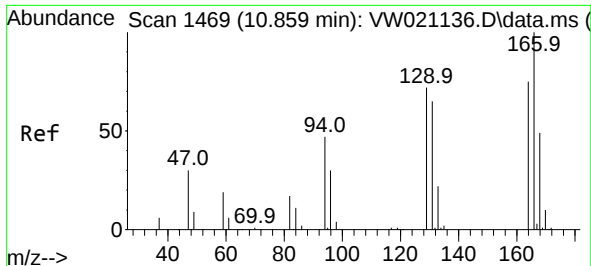
Tgt Ion: 91 Resp: 528

Ion Ratio Lower Upper

91 100

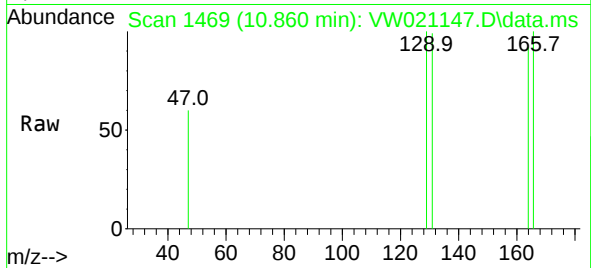
92 47.2 41.7 77.5





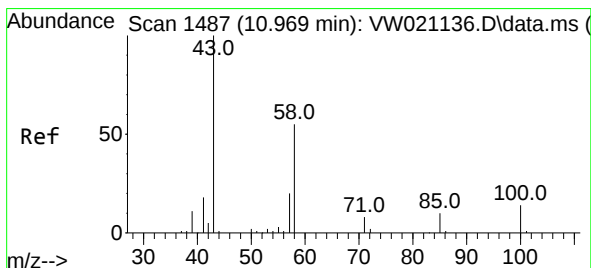
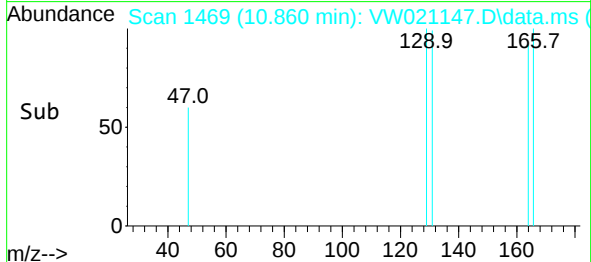
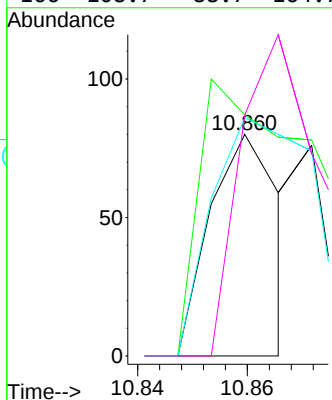
#46
Tetrachloroethene
Concen: 1.848 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 71

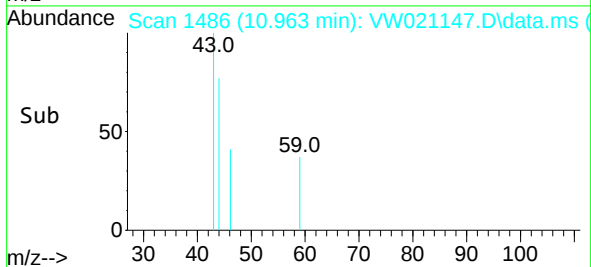
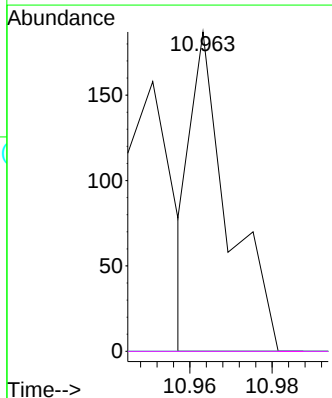
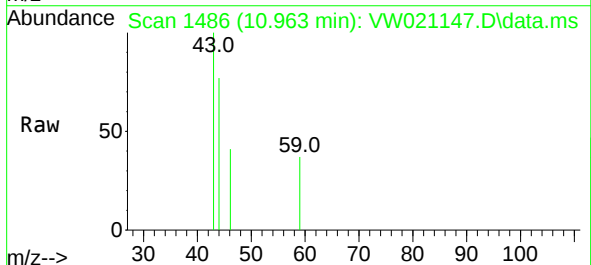
Ion	Ratio	Lower	Upper
164	100		
129	108.7	65.5	121.7
131	107.5	59.7	110.9
166	108.7	88.7	164.7

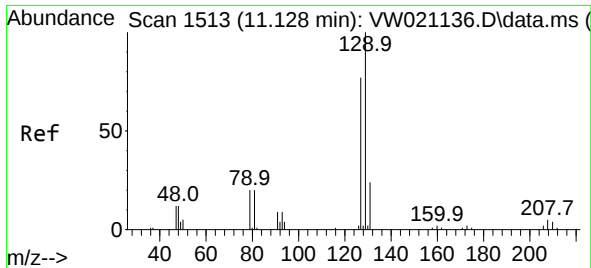


#48
2-Hexanone
Concen: 6.806 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

Tgt Ion: 43 Resp: 115

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	0.0	14.3	21.5#
100	0.0	8.0	12.0#

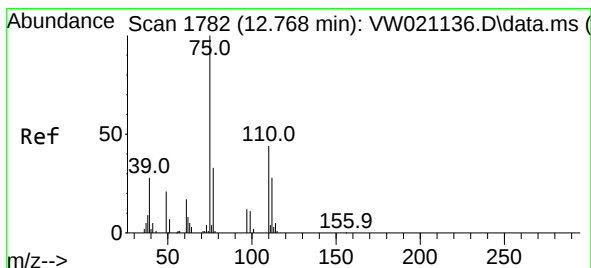
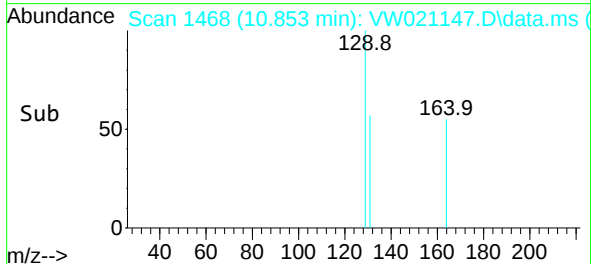
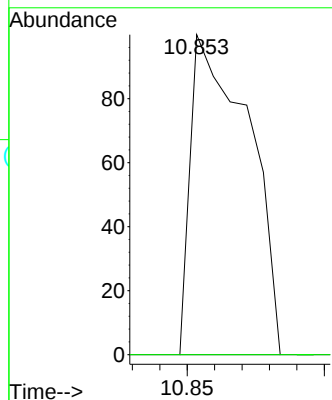
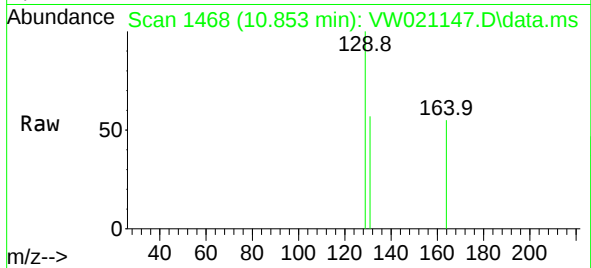




#49
Dibromochloromethane
Concen: 4.080 ug/L
RT: 10.853 min Scan# 147
Delta R.T. -0.274 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

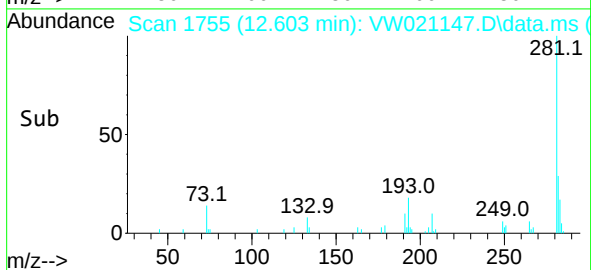
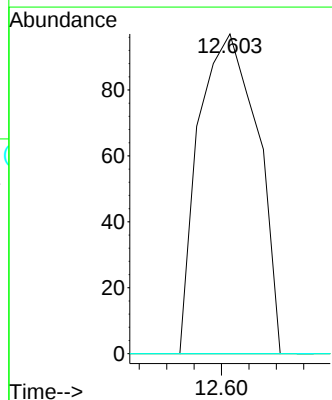
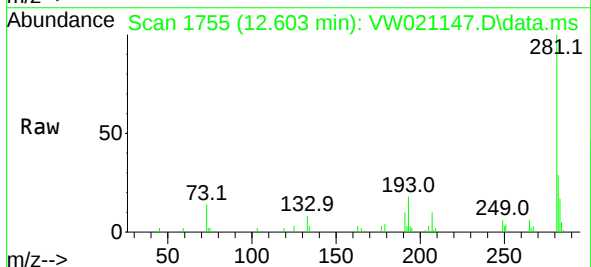
Instrument :
MSVOA_W
ClientSampleId :

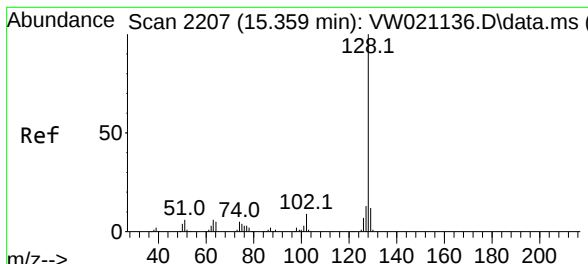
Tgt Ion:129 Resp: 147
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 15.882 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.165 min
Lab File: VW021147.D
Acq: 05 Dec 2021 04:14

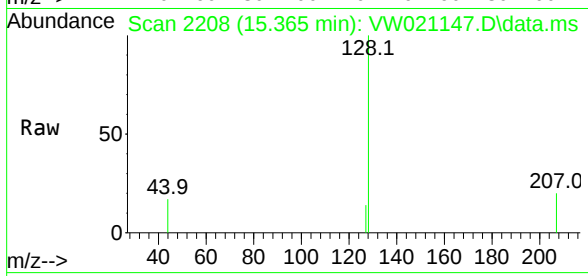
Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#





#71
 Naphthalene
 Concen: 12.788 ug/L
 RT: 15.365 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW021147.D
 Acq: 05 Dec 2021 04:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 512

Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.7	16.1#
129	0.0	8.6	12.8#

