

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021182.D
 Acq On : 06 Dec 2021 21:13
 Operator : SY/VA
 Sample : M4888-09
 Misc : 9.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B4

Quant Time: Dec 07 07:49:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

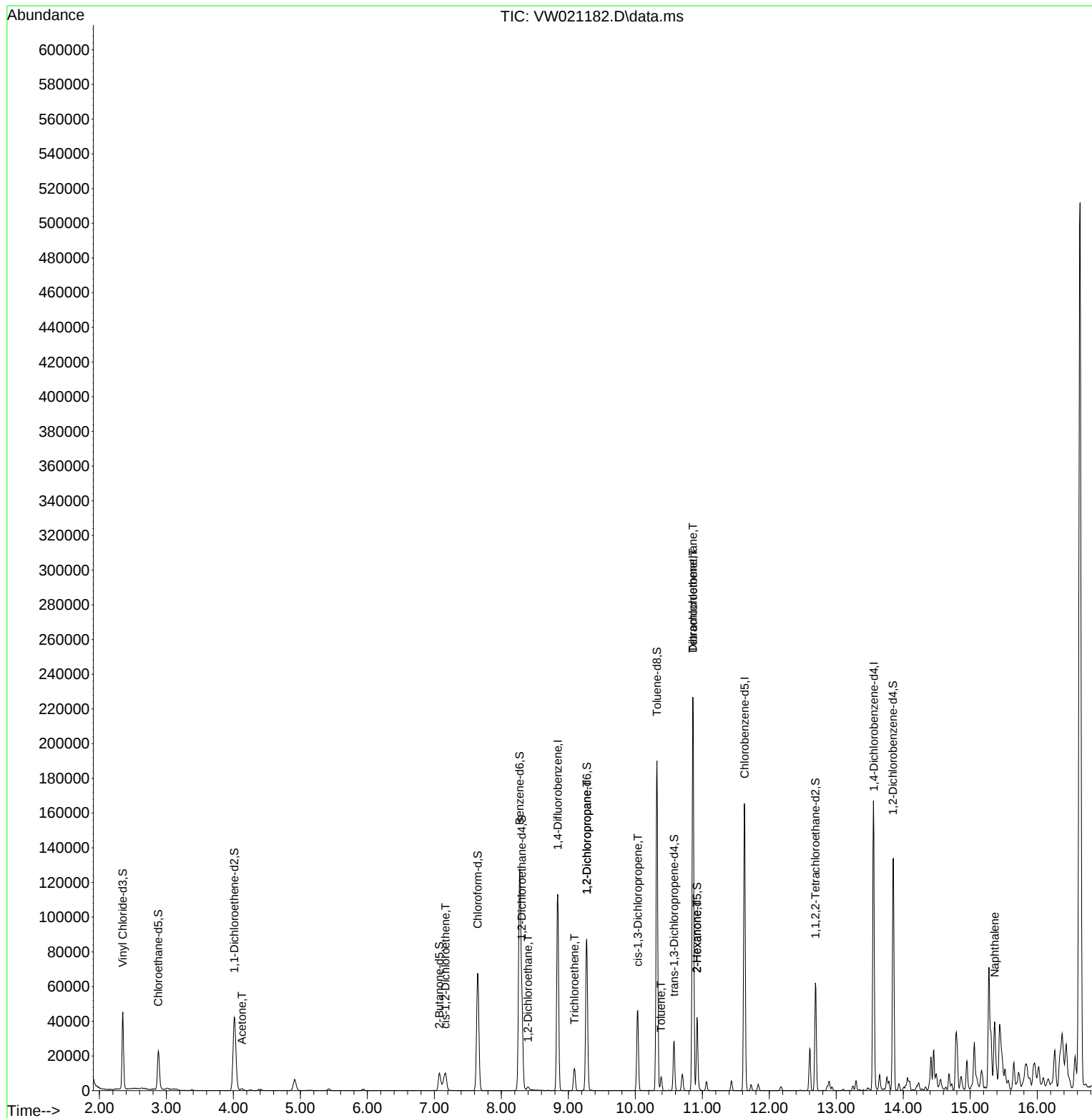
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	98669	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93988	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40524	29.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.920%	
7) Chloroethane-d5	2.879	69	26411	28.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.800%	
11) 1,1-Dichloroethene-d2	4.013	63	39831	18.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 72.560%	
21) 2-Butanone-d5	7.074	46	17284	55.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.240%	
24) Chloroform-d	7.647	84	67687	27.392	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.560%	
26) 1,2-Dichloroethane-d4	8.305	65	38179	28.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.960%	
32) Benzene-d6	8.275	84	131156	27.292	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.160%	
36) 1,2-Dichloropropane-d6	9.275	67	37196	27.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.400%	
41) Toluene-d8	10.323	98	124406	25.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.000%	
43) trans-1,3-Dichloroprop...	10.579	79	14961	24.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.680%	
47) 2-Hexanone-d5	10.921	63	13511	52.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.760%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	28143	22.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.120%	
66) 1,2-Dichlorobenzene-d4	13.847	152	36299	22.866	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.480%	
Target Compounds						
13) Acetone	4.129	43	2270	7.947	ug/L	84
20) cis-1,2-Dichloroethene	7.165	96	4346	3.004	ug/L	72
27) 1,2-Dichloroethane	8.397	62	1443	0.909	ug/L	95
34) Trichloroethene	9.092	95	4104	2.783	ug/L	96
37) 1,2-Dichloropropane	9.275	63	4959	4.105	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1441	0.737	ug/L	85
42) Toluene	10.384	91	6045	0.990	ug/L	95
46) Tetrachloroethene	10.860	164	52142	38.617	ug/L	88
48) 2-Hexanone	10.921	43	2188	3.686	ug/L #	68
49) Dibromochloromethane	10.860	129	42099	33.259	ug/L #	10
71) Naphthalene	15.365	128	27138	8.338	ug/L	99

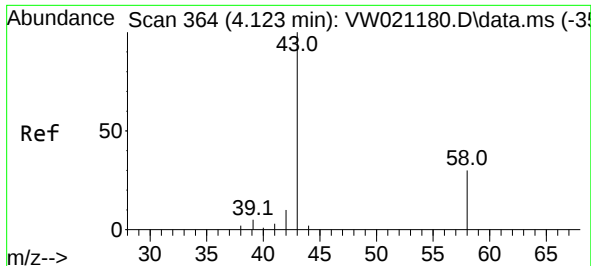
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021182.D
Acq On : 06 Dec 2021 21:13
Operator : SY/VA
Sample : M4888-09
Misc : 9.25g/10.0mL/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX8B4

Quant Time: Dec 07 07:49:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 07 07:23:32 2021
Response via : Initial Calibration

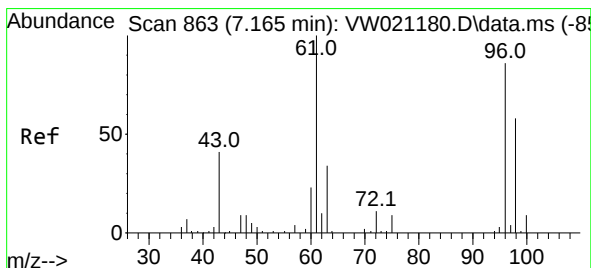
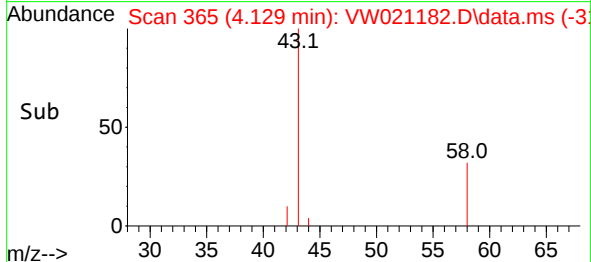
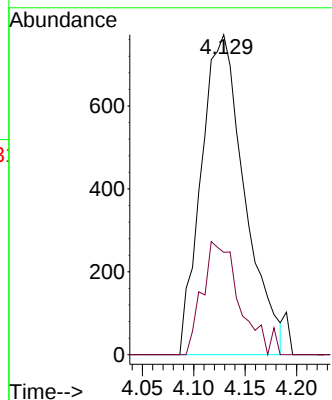
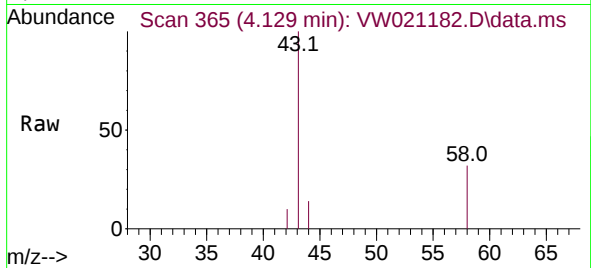




#13
Acetone
Concen: 7.947 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

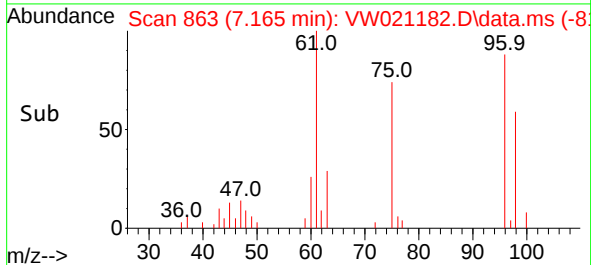
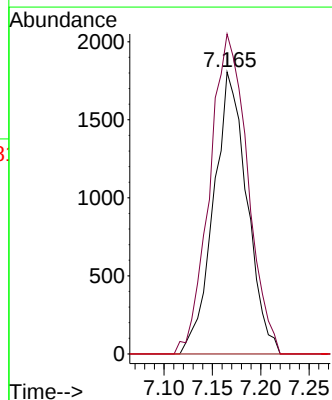
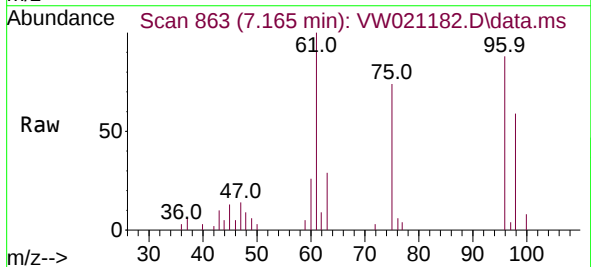
Instrument :
MSVOA_W
ClientSampleId :
EX8B4

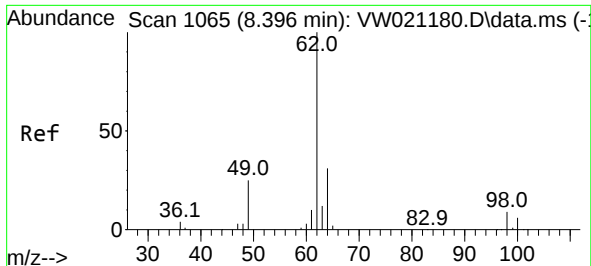
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 18.2 0.0 52.8



#20
cis-1,2-Dichloroethene
Concen: 3.004 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

Tgt Ion: 96 Resp: 4346
Ion Ratio Lower Upper
96 100
61 113.5 103.7 192.7
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.909 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW021182.D

Acq: 06 Dec 2021 21:13

Instrument :

MSVOA_W

ClientSampleId :

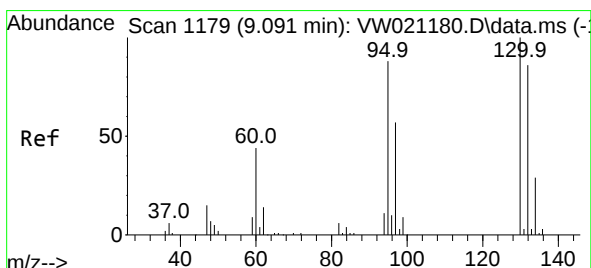
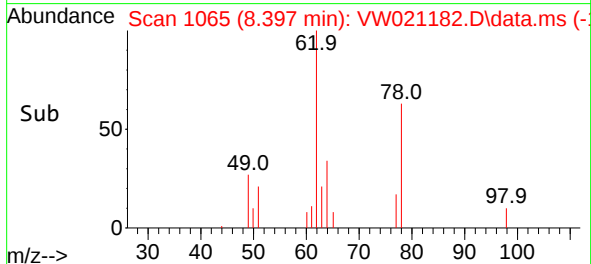
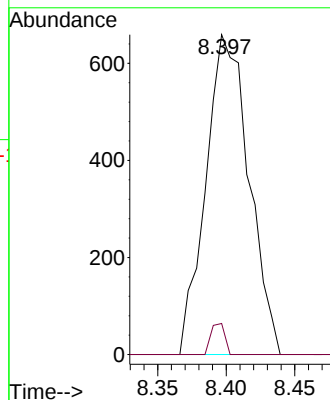
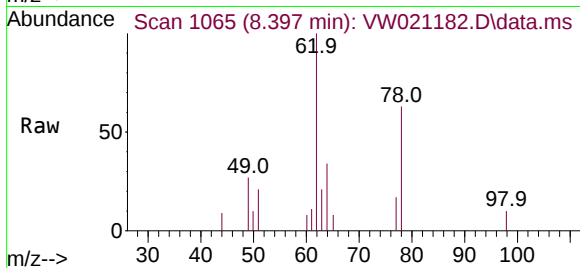
EX8B4

Tgt Ion: 62 Resp: 1443

Ion Ratio Lower Upper

62 100

98 9.7 6.5 9.7



#34

Trichloroethene

Concen: 2.783 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021182.D

Acq: 06 Dec 2021 21:13

Tgt Ion: 95 Resp: 4104

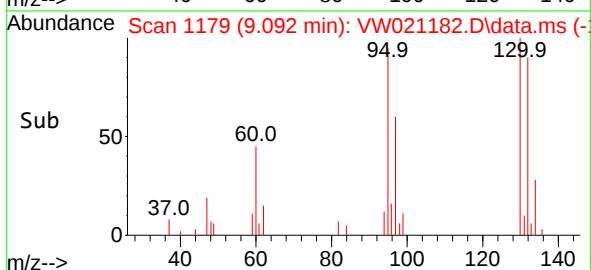
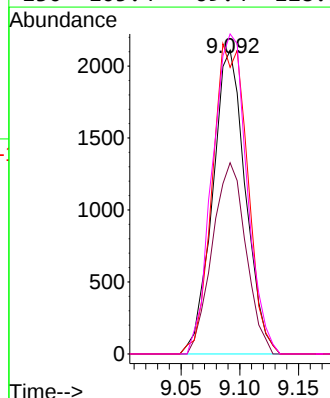
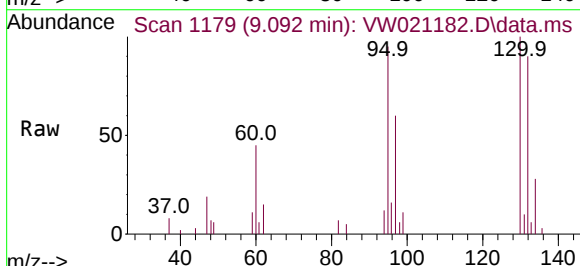
Ion Ratio Lower Upper

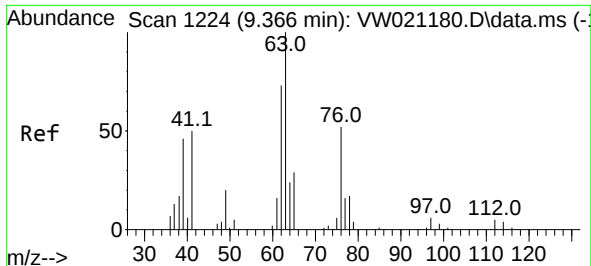
95 100

97 62.9 47.0 87.2

132 94.4 65.5 121.6

130 105.4 69.4 128.8





#37

1,2-Dichloropropane

Concen: 4.105 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021182.D

Acq: 06 Dec 2021 21:13

Instrument :

MSVOA_W

ClientSampleId :

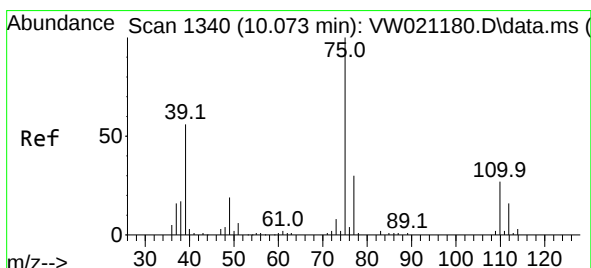
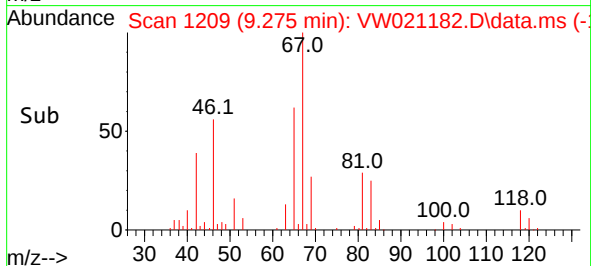
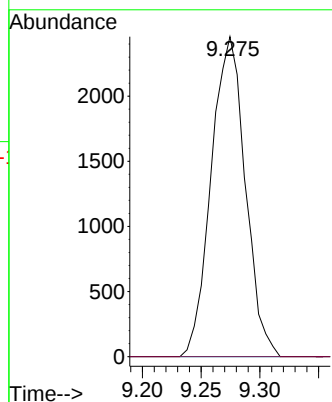
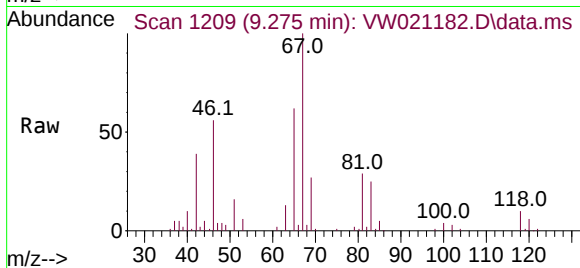
EX8B4

Tgt Ion: 63 Resp: 4959

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021182.D

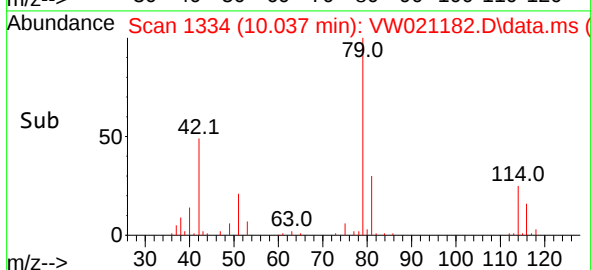
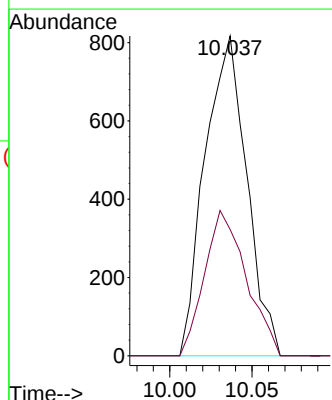
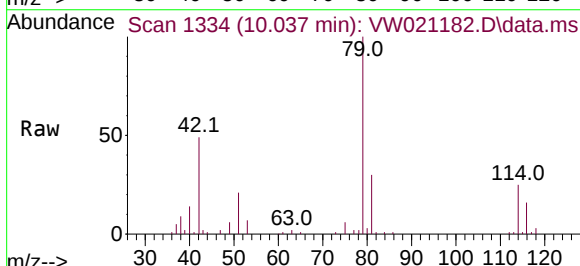
Acq: 06 Dec 2021 21:13

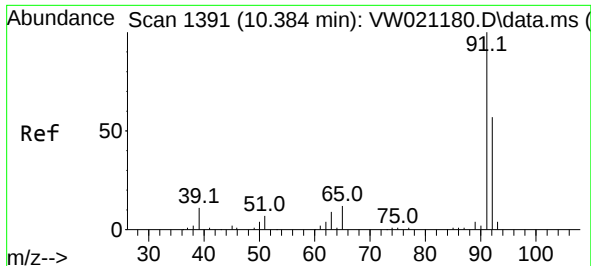
Tgt Ion: 75 Resp: 1441

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.6

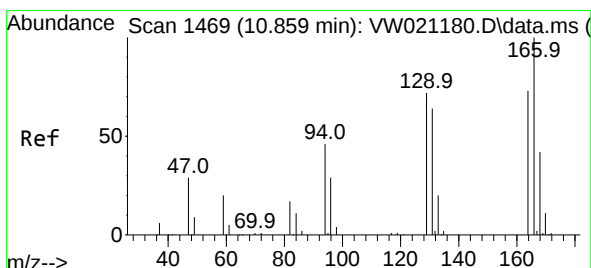
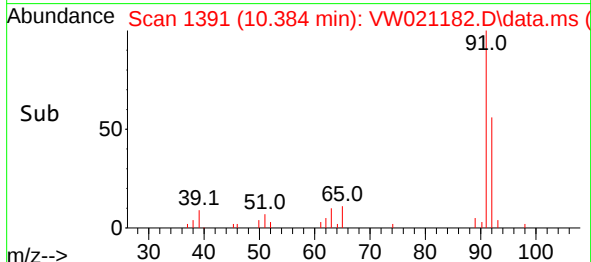
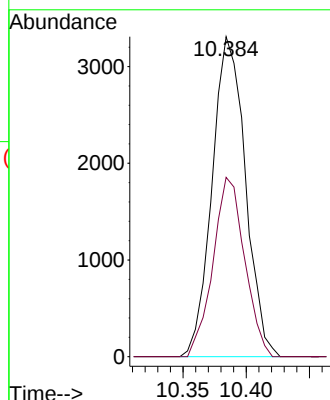
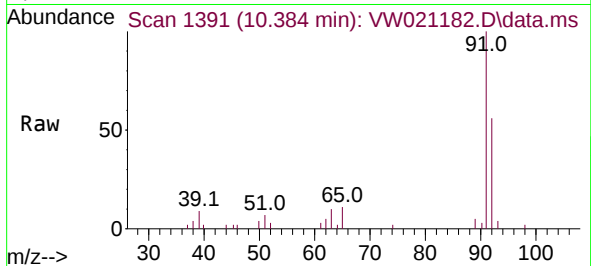




#42
Toluene
Concen: 0.990 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

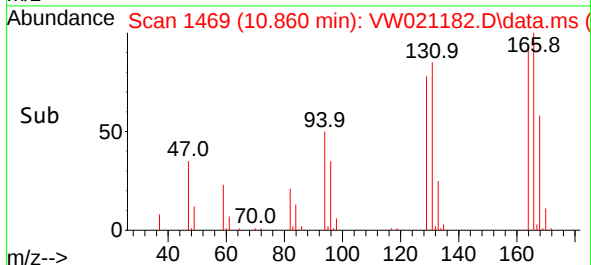
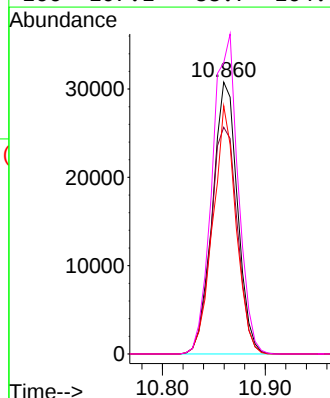
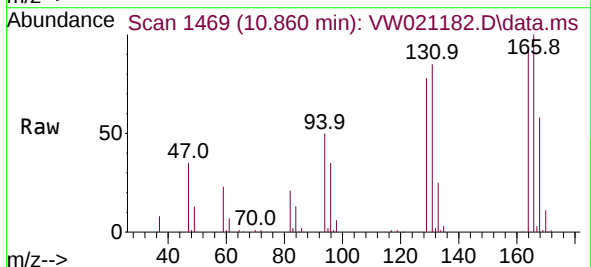
Instrument :
MSVOA_W
ClientSampleId :
EX8B4

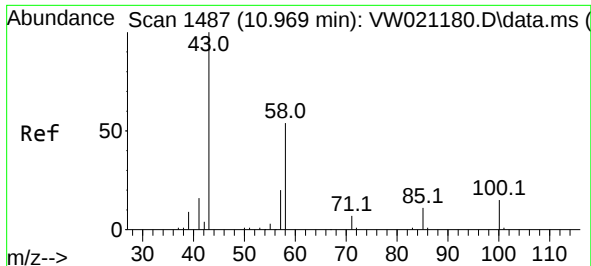
Tgt Ion: 91 Resp: 6045
Ion Ratio Lower Upper
91 100
92 56.1 41.7 77.5



#46
Tetrachloroethene
Concen: 38.617 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

Tgt Ion: 164 Resp: 52142
Ion Ratio Lower Upper
164 100
129 83.4 65.5 121.7
131 91.3 59.7 110.9
166 107.1 88.7 164.7

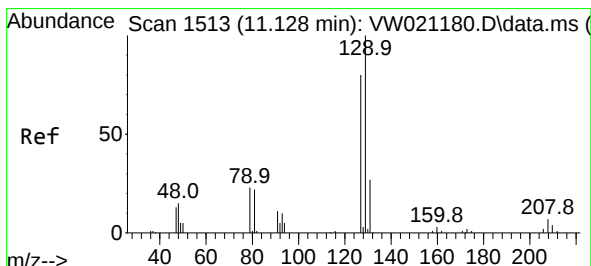
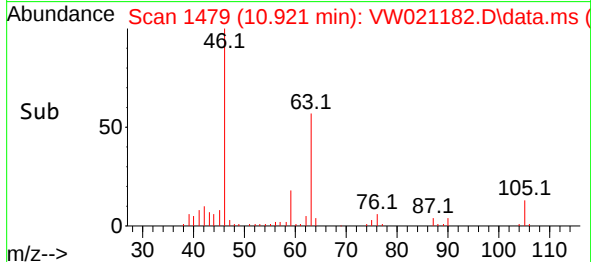
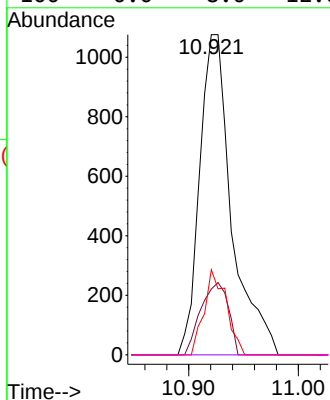
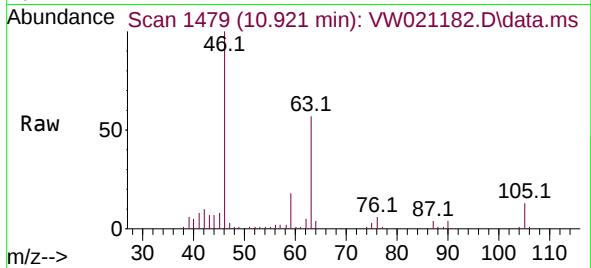




#48
2-Hexanone
Concen: 3.686 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

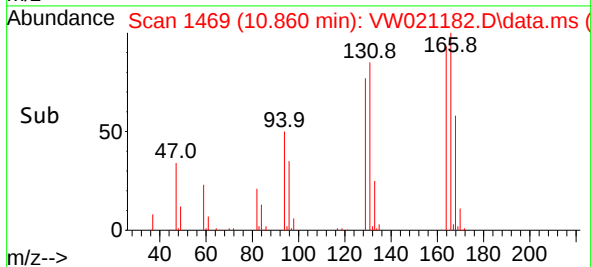
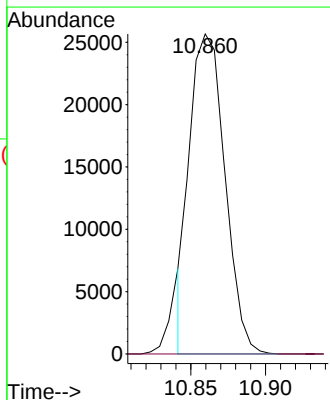
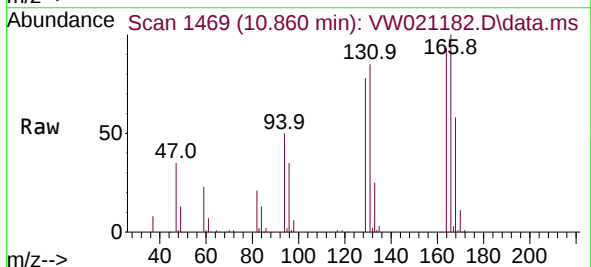
Instrument :
MSVOA_W
ClientSampleId :
EX8B4

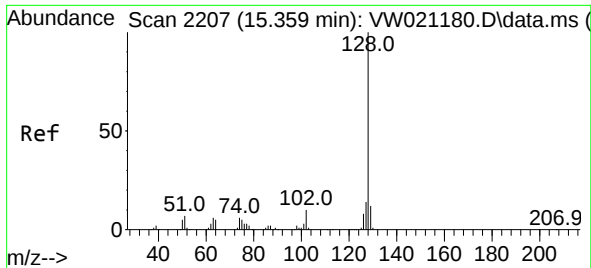
Tgt Ion: 43	Resp: 2188
Ion Ratio	Lower Upper
43 100	
58 19.4	40.2 60.2#
57 18.4	14.3 21.5
100 0.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 33.259 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

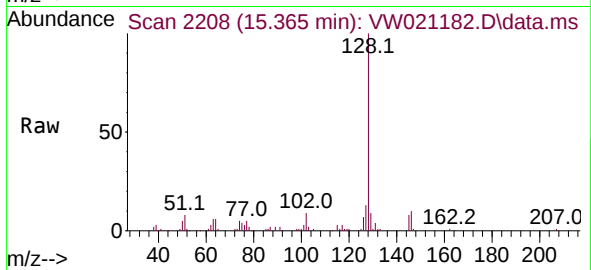
Tgt Ion:129	Resp:	42099	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#71
Naphthalene
Concen: 8.338 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021182.D
Acq: 06 Dec 2021 21:13

Instrument :
MSVOA_W
ClientSampleId :
EX8B4



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.2	8.6	12.8

