

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019779.D
 Acq On : 18 Aug 2021 17:40
 Operator : SY/VA
 Sample : M3458-08
 Misc : 5.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

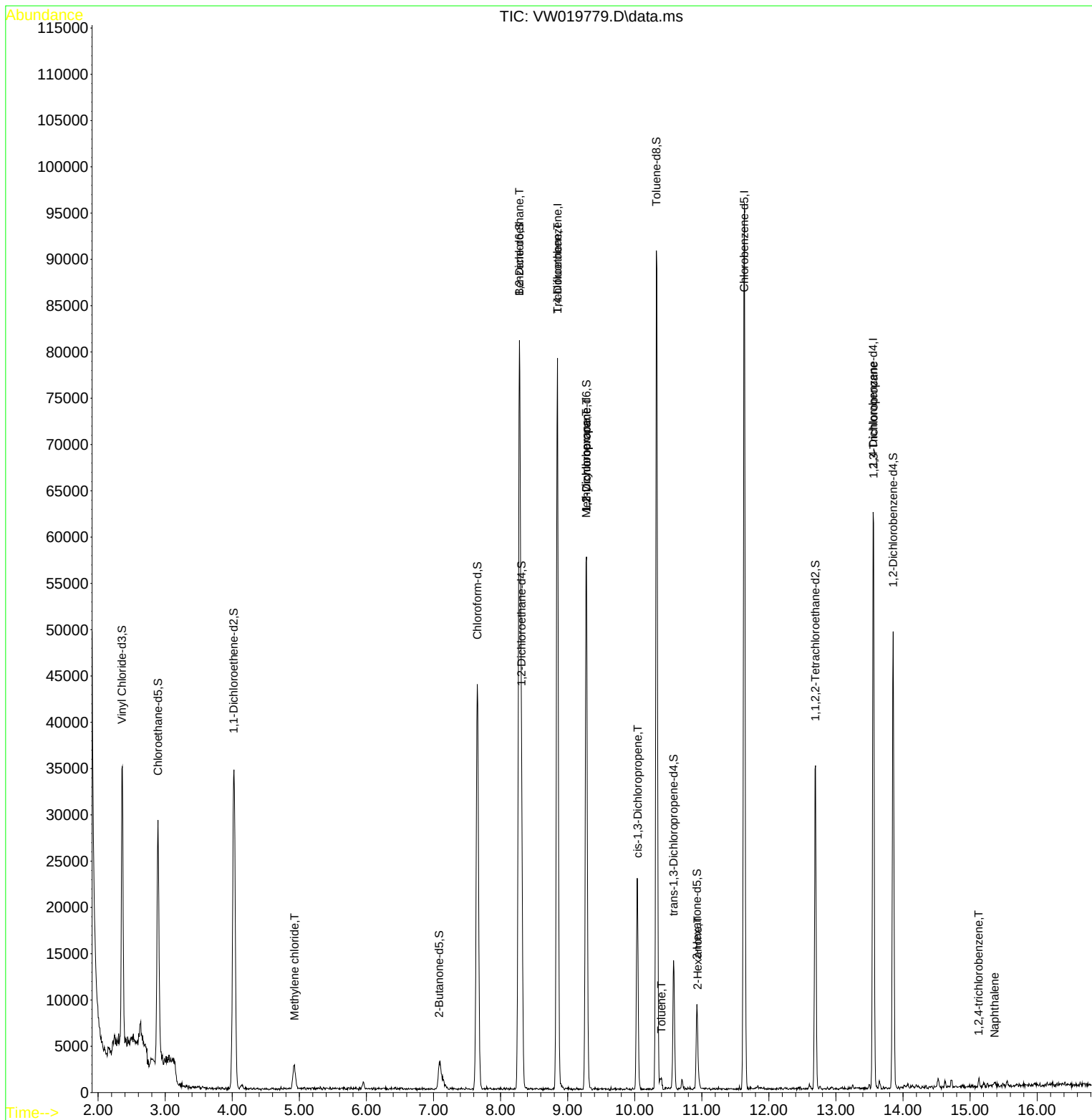
Quant Time: Aug 19 05:17:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

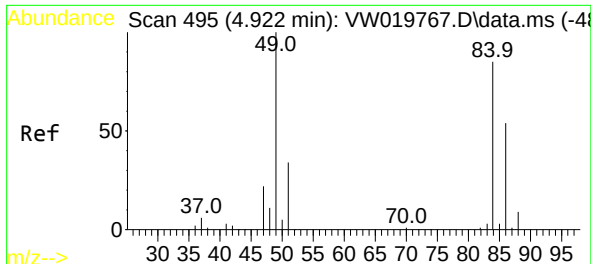
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	62420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	52228	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	32295	33.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.560%
7) Chloroethane-d5	2.891	69	28513	33.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.360%
11) 1,1-Dichloroethene-d2	4.019	63	33926	20.216	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.880%
21) 2-Butanone-d5	7.086	46	5790	29.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.940%
24) Chloroform-d	7.653	84	44818	26.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.311	65	24680	26.678	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.720%
32) Benzene-d6	8.281	84	81750	27.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.800%
36) 1,2-Dichloropropane-d6	9.281	67	26344	29.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.840%
41) Toluene-d8	10.323	98	59746	21.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	10.579	79	7862	21.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.400%
47) 2-Hexanone-d5	10.927	63	2867	22.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	16768	22.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	12287	21.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.928	84	1703	1.590	ug/L	83
27) 1,2-Dichloroethane	8.281	62	457	0.430	ug/L #	76
34) Trichloroethene	8.848	95	1947	2.336	ug/L #	5
35) Methylcyclohexane	9.274	83	6522	4.563	ug/L #	19
37) 1,2-Dichloropropane	9.281	63	3317	4.178	ug/L #	85
39) cis-1,3-Dichloropropene	10.043	75	655	0.560	ug/L	96
42) Toluene	10.396	91	1172	0.345	ug/L	94
48) 2-Hexanone	10.939	43	623	2.120	ug/L #	60
61) 1,2,3-Trichloropropane	13.560	75	2116	6.434	ug/L #	63
70) 1,2,4-trichlorobenzene	15.127	180	293	0.546	ug/L #	56
71) Naphthalene	15.365	128	616	0.576	ug/L #	69

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

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Response via : Initial Calibration

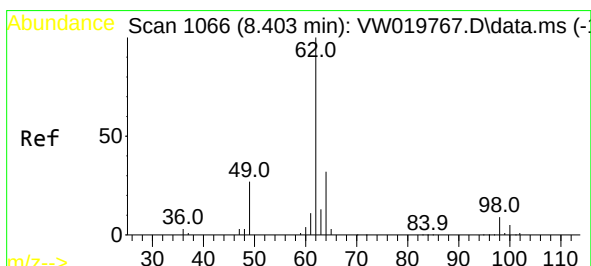
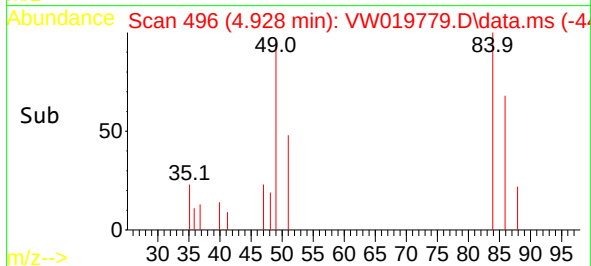
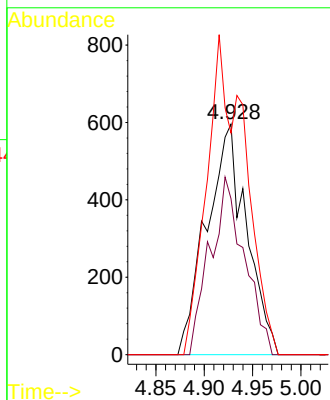
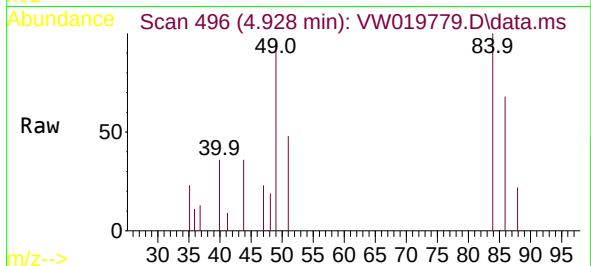




#16
Methylene chloride
Concen: 1.590 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019779.D
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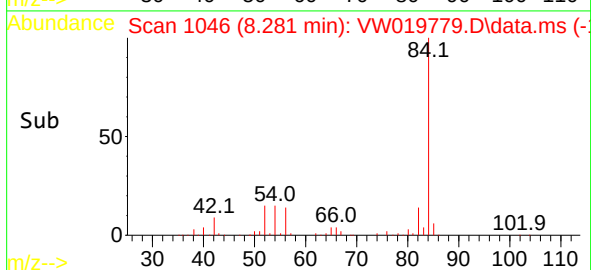
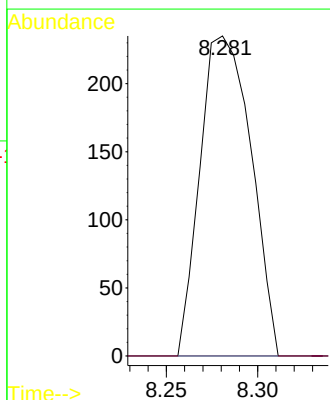
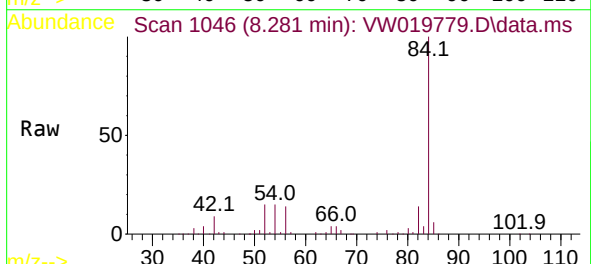
Instrument :
MSVOA_W
ClientSampled :

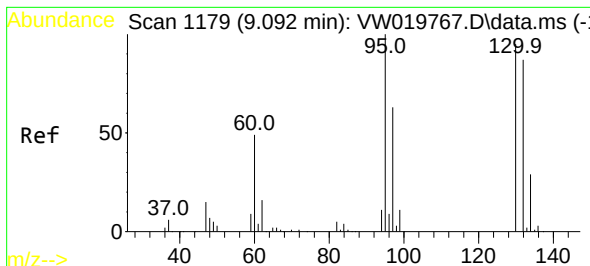
Tgt Ion: 84 Resp: 1703
Ion Ratio Lower Upper
84 100
86 67.6 45.3 84.1
49 96.1 86.6 160.8



#27
1,2-Dichloroethane
Concen: 0.430 ug/L
RT: 8.281 min Scan# 1046
Delta R.T. -0.122 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

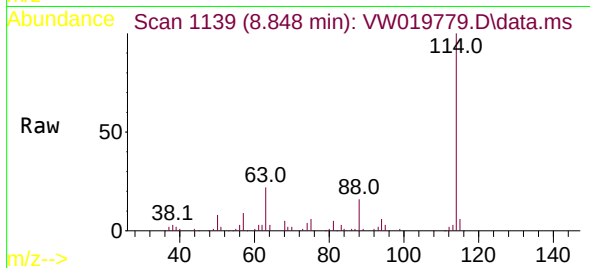
Tgt Ion: 62 Resp: 457
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#





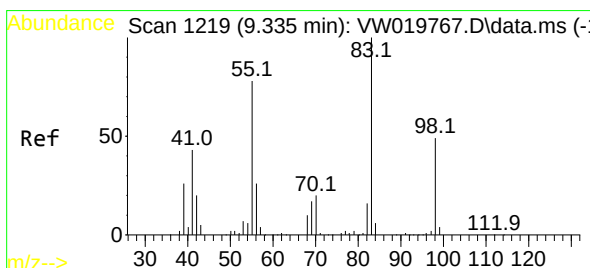
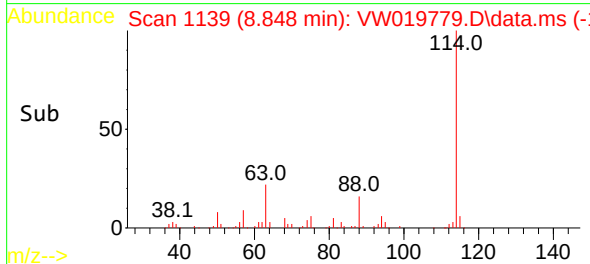
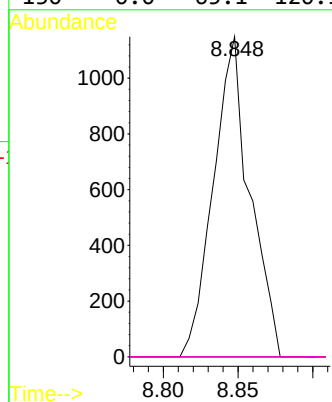
#34
Trichloroethene
Concen: 2.336 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

Instrument :
MSVOA_W
ClientSampled :

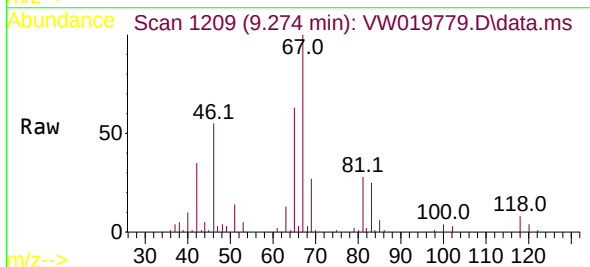


Tgt Ion: 95 Resp: 1947

Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#

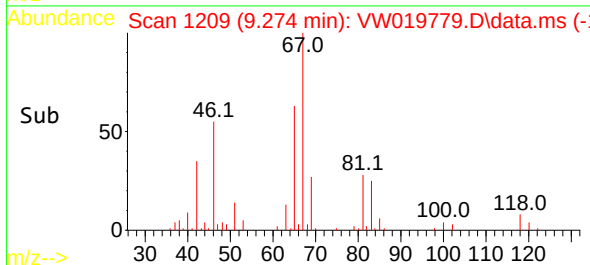
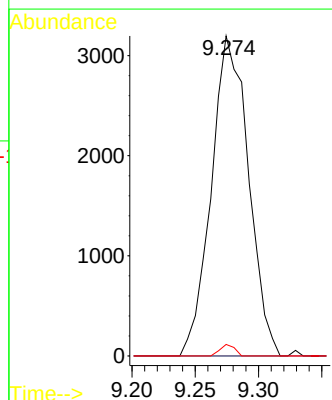


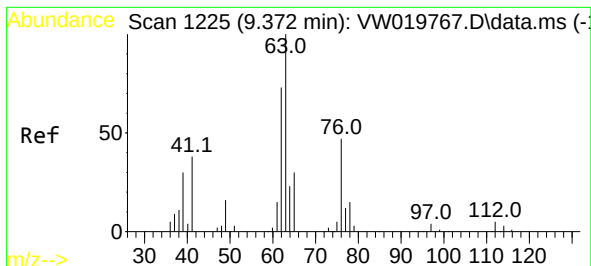
#35
Methylcyclohexane
Concen: 4.563 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40



Tgt Ion: 83 Resp: 6522

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	1.4	40.1	60.1#

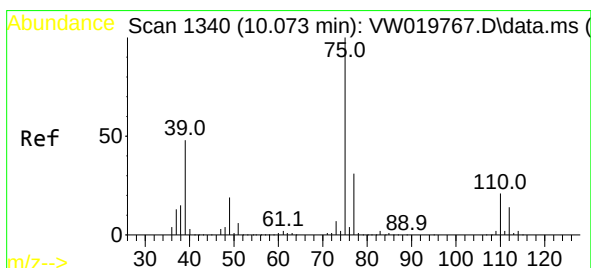
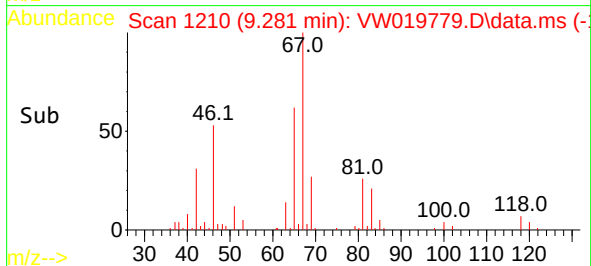
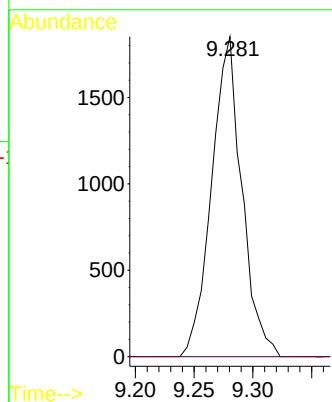
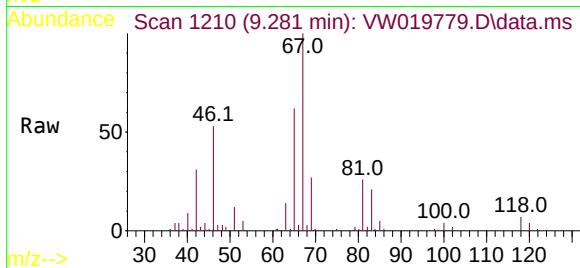




#37
1,2-Dichloropropane
Concen: 4.178 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

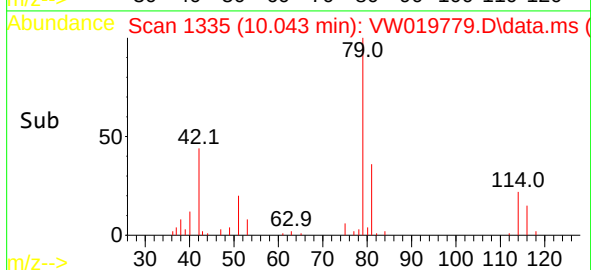
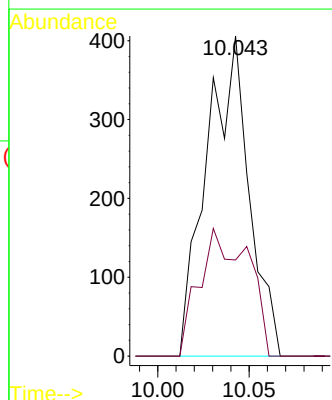
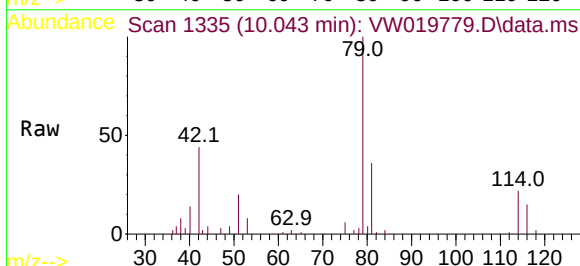
Instrument :
MSVOA_W
ClientSampled :

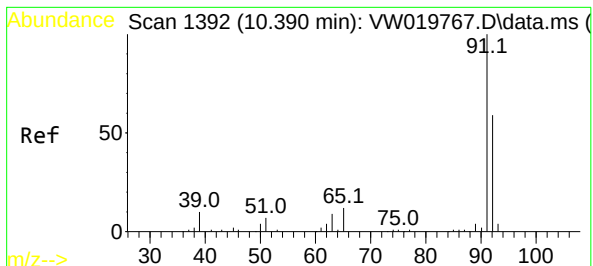
Tgt Ion: 63 Resp: 3317
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

Tgt Ion: 75 Resp: 655
Ion Ratio Lower Upper
75 100
77 30.0 22.6 42.0





#42

Toluene

Concen: 0.345 ug/L

RT: 10.396 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VW019779.D

Acq: 18 Aug 2021 17:40

Tgt Ion: 91 Resp: 1172

Ion Ratio Lower Upper

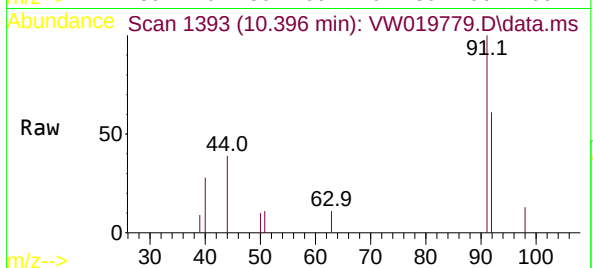
91 100

92 60.7 39.5 73.3

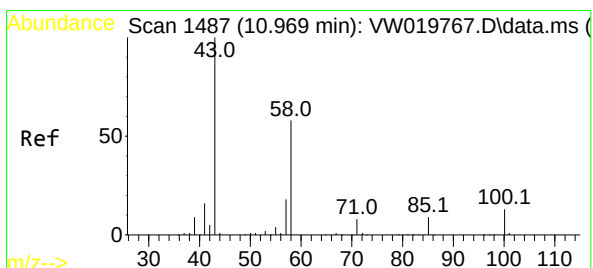
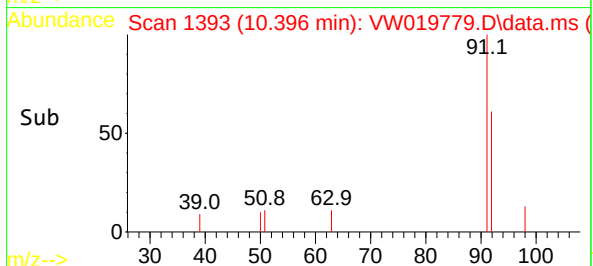
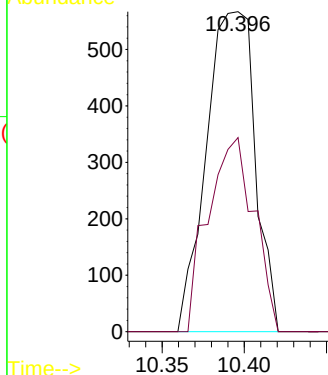
Instrument :

MSVOA_W

ClientSampled :



Abundance



#48

2-Hexanone

Concen: 2.120 ug/L

RT: 10.939 min Scan# 1482

Delta R.T. -0.030 min

Lab File: VW019779.D

Acq: 18 Aug 2021 17:40

Tgt Ion: 43 Resp: 623

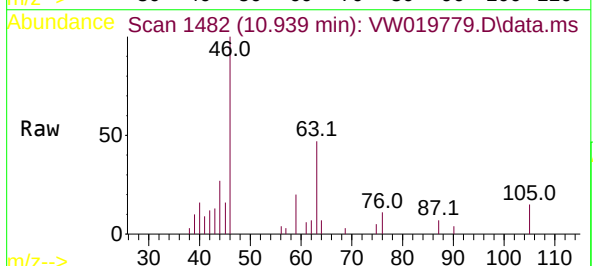
Ion Ratio Lower Upper

43 100

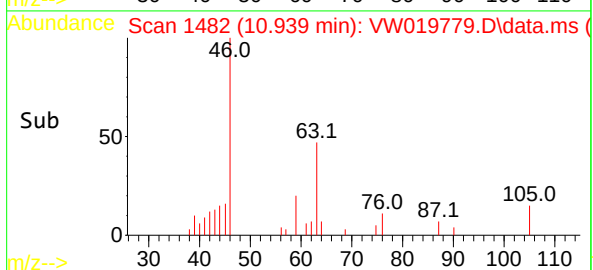
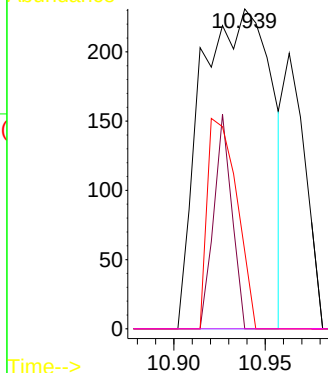
58 17.2 42.7 64.1#

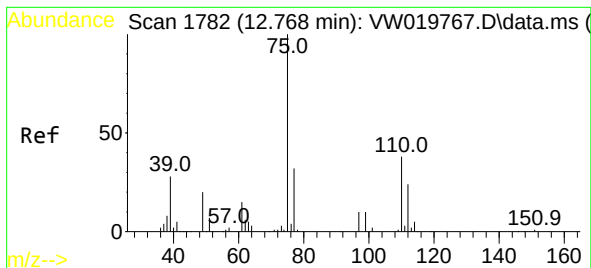
57 27.3 15.8 23.8#

100 0.0 10.0 15.0#



Abundance

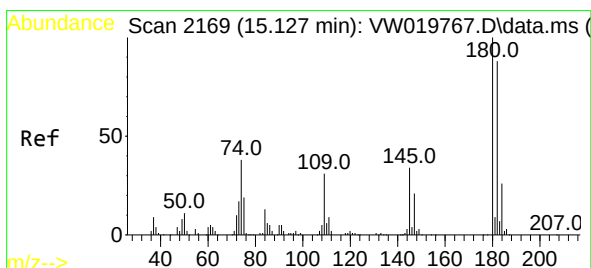
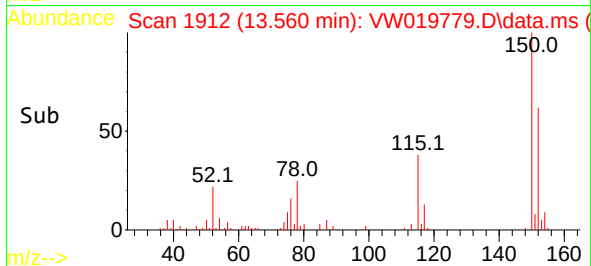
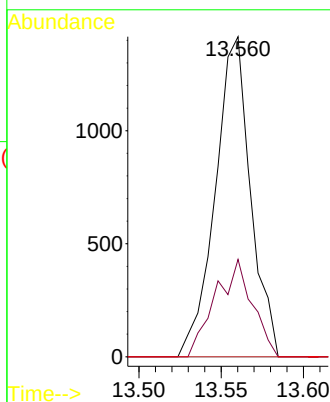
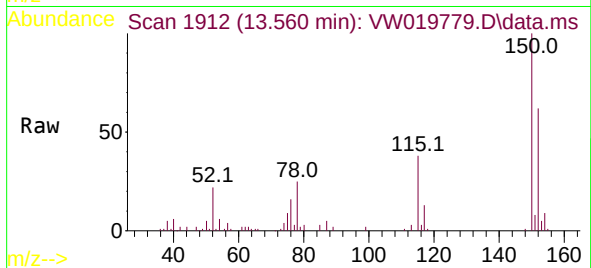




#61
1,2,3-Trichloropropane
Concen: 6.434 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

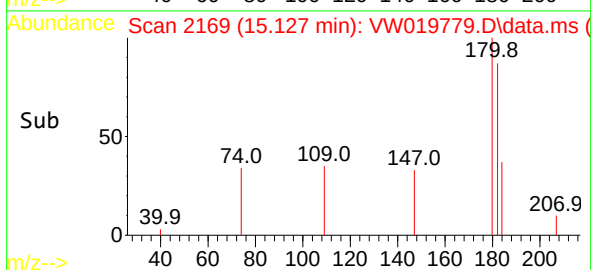
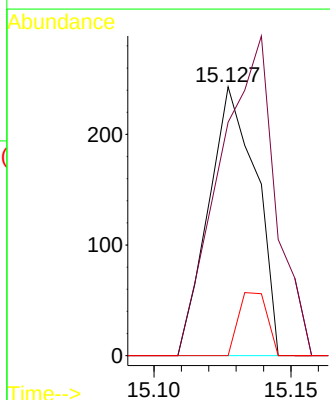
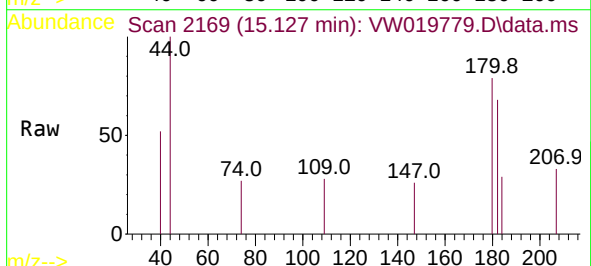
Instrument :
MSVOA_W
ClientSampled :

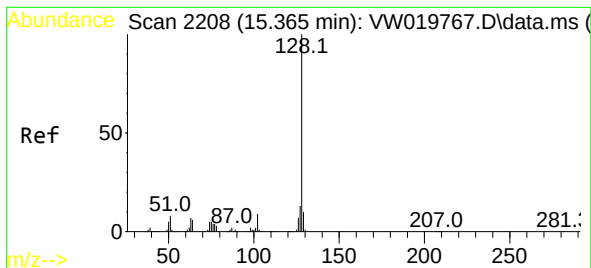
Tgt Ion: 75 Resp: 2116
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 0.0 32.6 48.8#



#70
1,2,4-trichlorobenzene
Concen: 0.546 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

Tgt Ion:180 Resp: 293
Ion Ratio Lower Upper
180 100
182 139.6 74.7 112.1#
145 14.0 25.0 37.4#





#71
Naphthalene
Concen: 0.576 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019779.D
Acq: 18 Aug 2021 17:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 616
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 9.0 13.6#

