

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019813.D
 Acq On : 19 Aug 2021 17:02
 Operator : SY/VA
 Sample : M3472-10
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:46:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 00:38:38 2021
 Response via : Initial Calibration

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

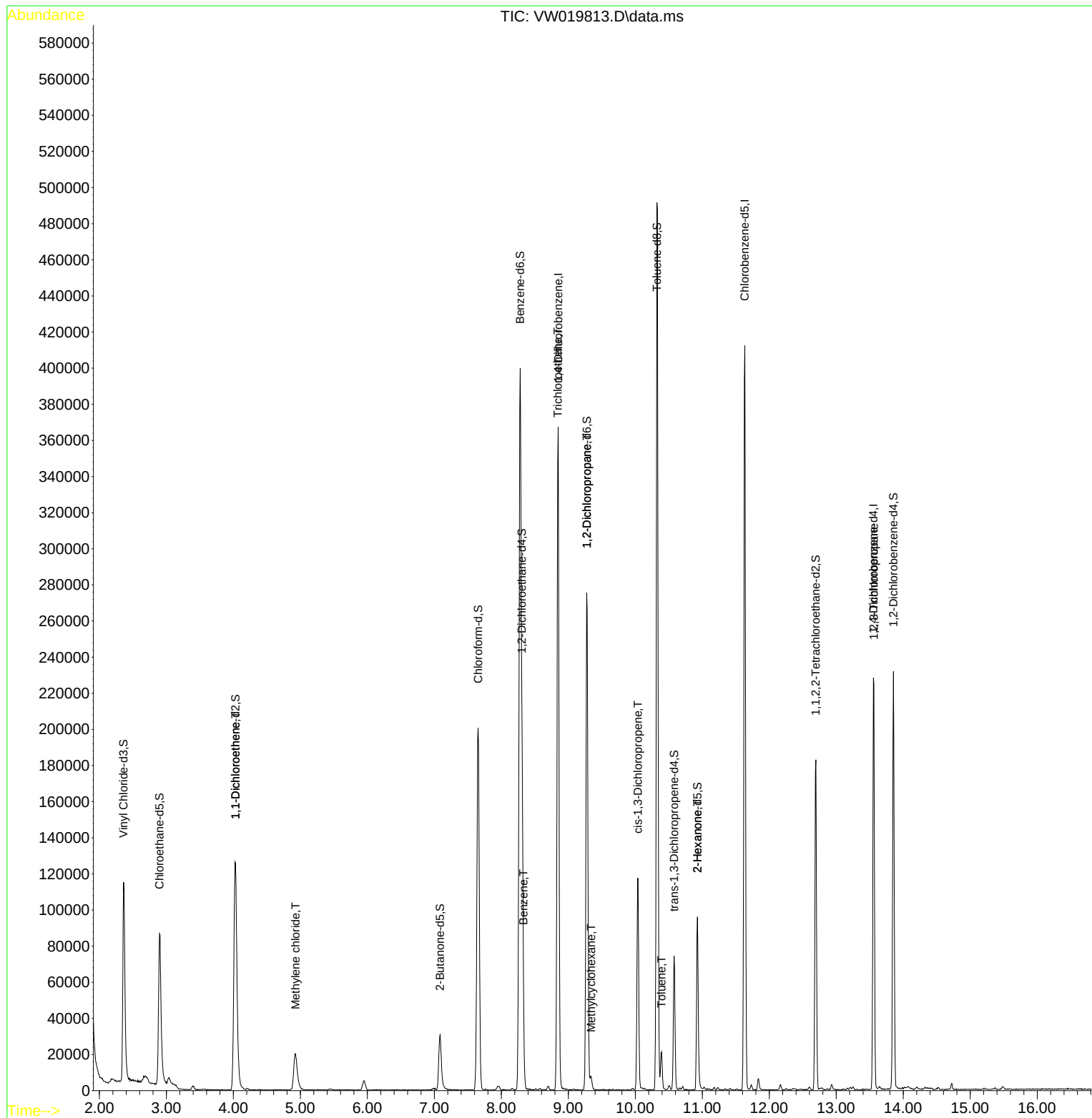
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	293601	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	226818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142871	31.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.640%
7) Chloroethane-d5	2.898	69	118537	29.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.760%
11) 1,1-Dichloroethene-d2	4.032	63	145554	18.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.760%
21) 2-Butanone-d5	7.086	46	48742	52.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.500%
24) Chloroform-d	7.653	84	207827	25.739	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	116870	26.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.440%
32) Benzene-d6	8.281	84	403448	31.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.800%
36) 1,2-Dichloropropane-d6	9.275	67	125107	31.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.760%#
41) Toluene-d8	10.323	98	320662	27.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.579	79	41143	25.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	10.927	63	30589	56.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	90349	28.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	55649	27.421	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.680%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	1125	0.283	ug/L #	1
16) Methylene chloride	4.928	84	17693	3.511	ug/L	97
33) Benzene	8.330	78	8167	0.587	ug/L	100
34) Trichloroethene	8.842	95	8826	2.439	ug/L #	5
35) Methylcyclohexane	9.342	83	2394	0.386	ug/L	93
37) 1,2-Dichloropropane	9.275	63	14829	4.301	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3112	0.613	ug/L	84
42) Toluene	10.390	91	14338	0.972	ug/L	90
48) 2-Hexanone	10.927	43	4900	3.840	ug/L #	66
61) 1,2,3-Trichloropropane	13.560	75	7996	6.893	ug/L #	65

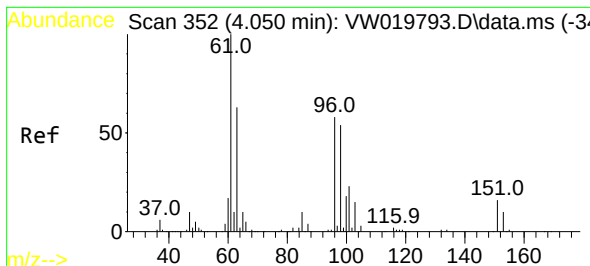
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 20 00:38:38 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.283 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.018 min

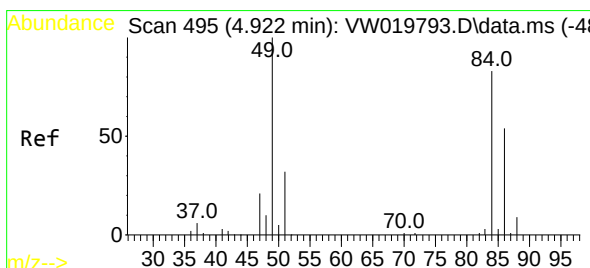
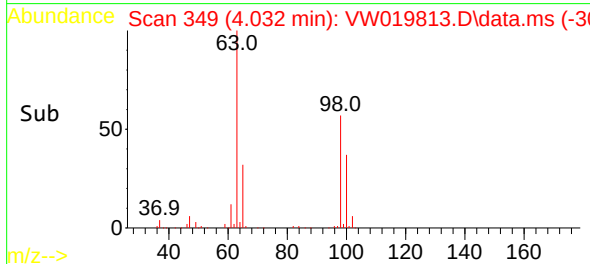
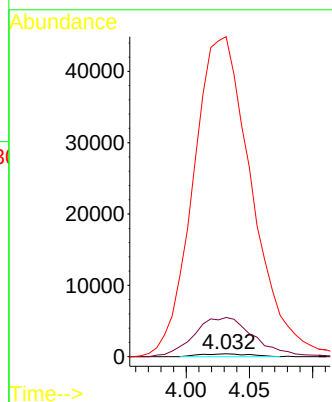
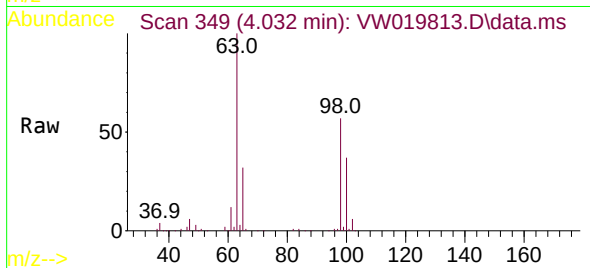
Lab File: VW019813.D

Acq: 19 Aug 2021 17:02

Tgt Ion: 96 Resp: 1125

Ion	Ratio	Lower	Upper
96	100		
61	1327.1	118.1	219.3#
63	10836.7	83.7	155.5#

Instrument :
MSVOA_W
ClientSampled :



#16

Methylene chloride

Concen: 3.511 ug/L

RT: 4.928 min Scan# 496

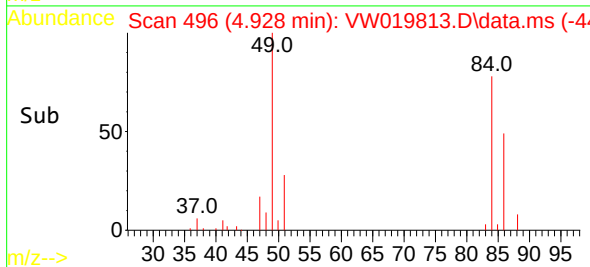
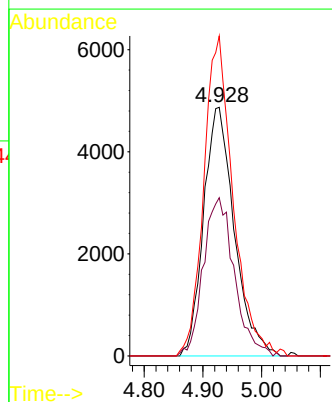
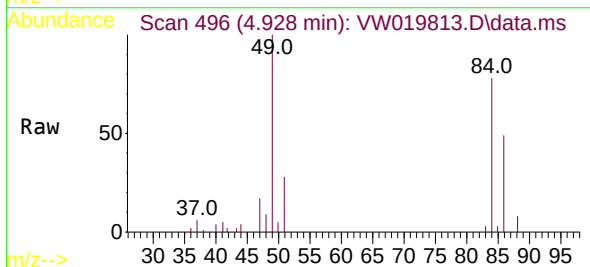
Delta R.T. 0.006 min

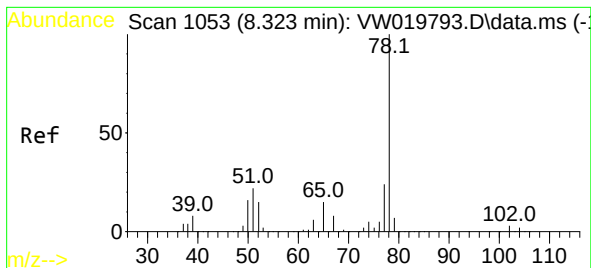
Lab File: VW019813.D

Acq: 19 Aug 2021 17:02

Tgt Ion: 84 Resp: 17693

Ion	Ratio	Lower	Upper
84	100		
86	63.6	45.3	84.1
49	128.7	86.6	160.8





#33

Benzene

Concen: 0.587 ug/L

RT: 8.330 min Scan# 1054

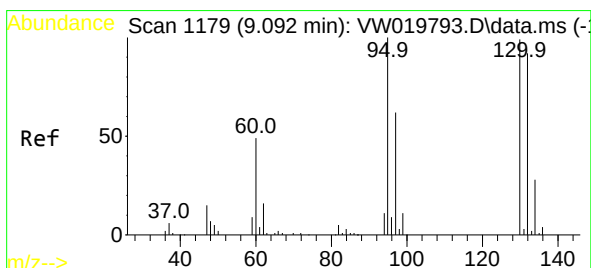
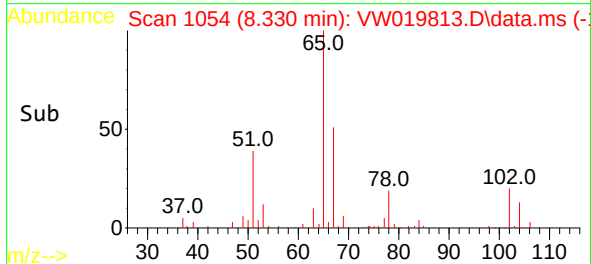
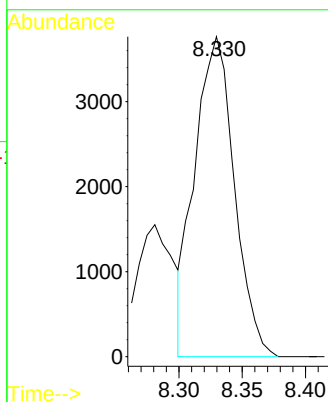
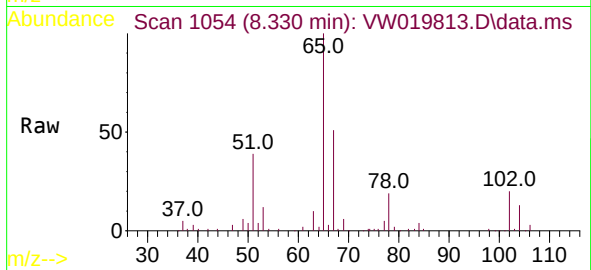
Delta R.T. 0.006 min

Lab File: VW019813.D

Acq: 19 Aug 2021 17:02

Tgt Ion: 78 Resp: 8167

Instrument :
MSVOA_W
ClientSampled :



#34

Trichloroethene

Concen: 2.439 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019813.D

Acq: 19 Aug 2021 17:02

Tgt Ion: 95 Resp: 8826

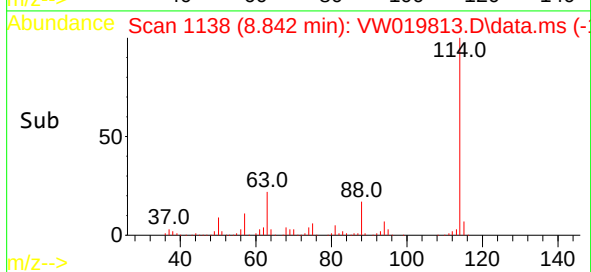
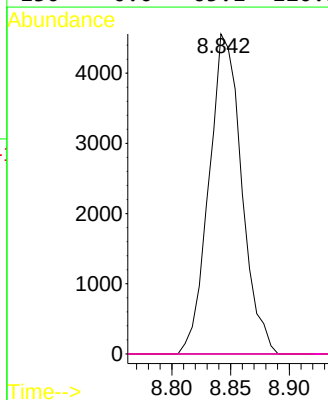
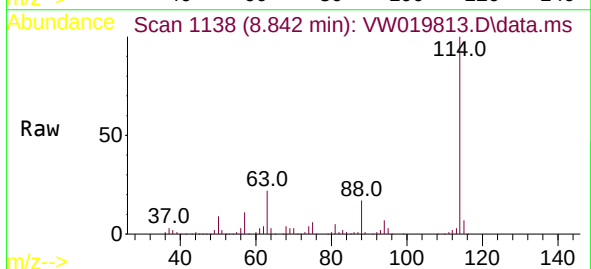
Ion Ratio Lower Upper

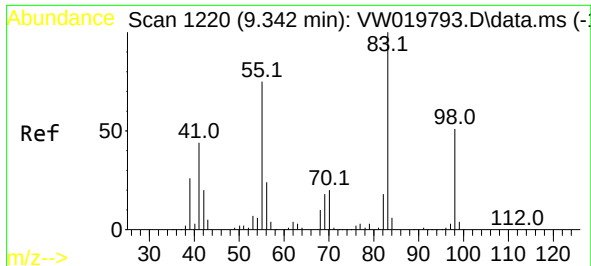
95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#

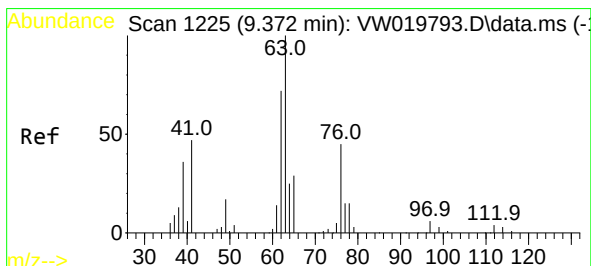
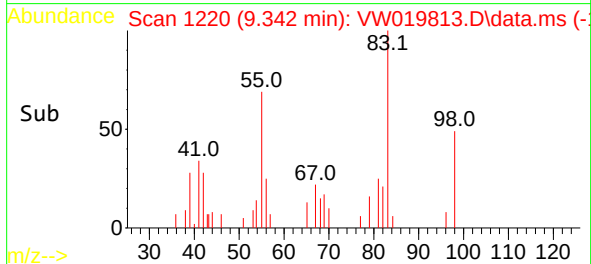
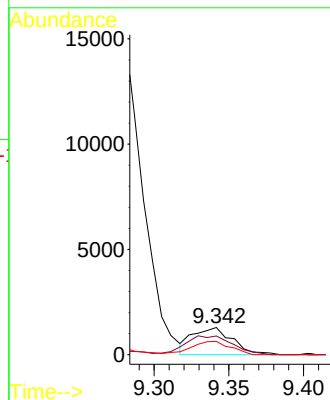
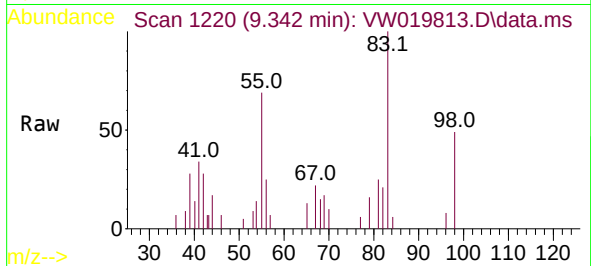




#35
Methylcyclohexane
Concen: 0.386 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02

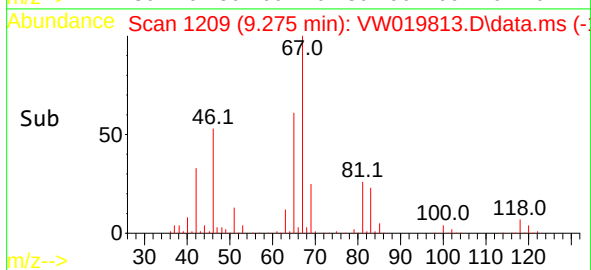
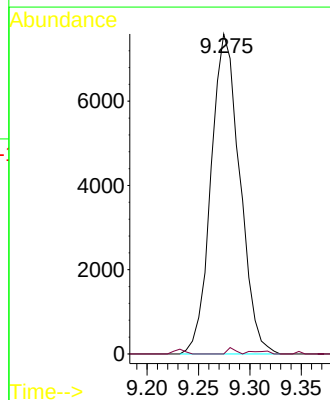
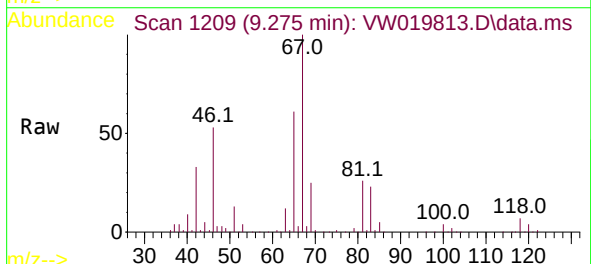
Instrument :
MSVOA_W
ClientSampled :

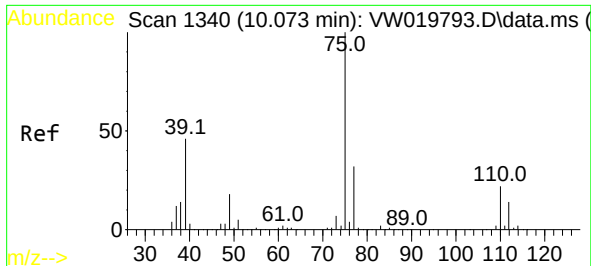
Tgt Ion: 83 Resp: 2394
Ion Ratio Lower Upper
83 100
55 82.5 58.9 88.3
98 48.2 40.1 60.1



#37
1,2-Dichloropropane
Concen: 4.301 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02

Tgt Ion: 63 Resp: 14829
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#

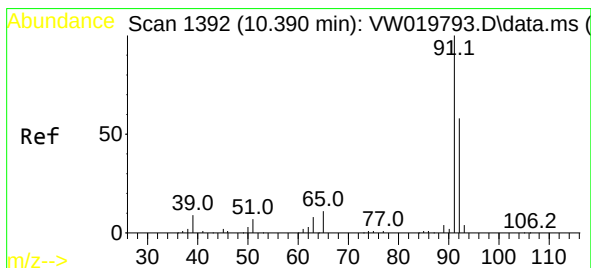
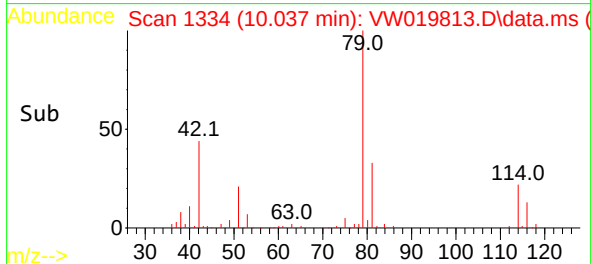
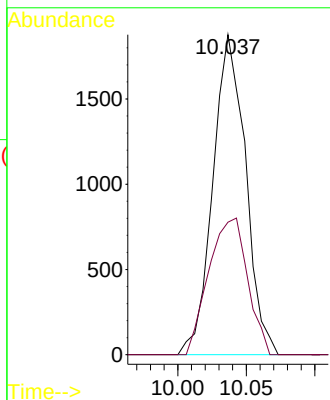
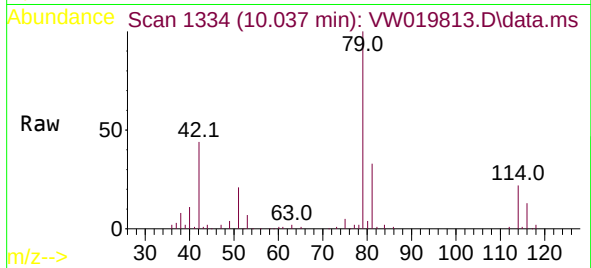




#39
cis-1,3-Dichloropropene
Concen: 0.613 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02

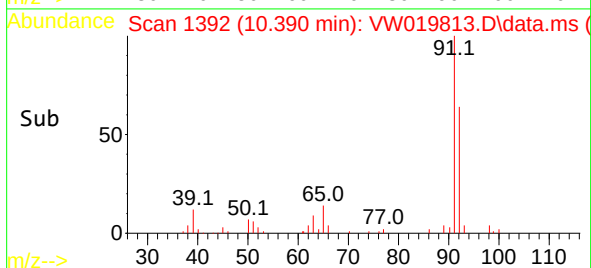
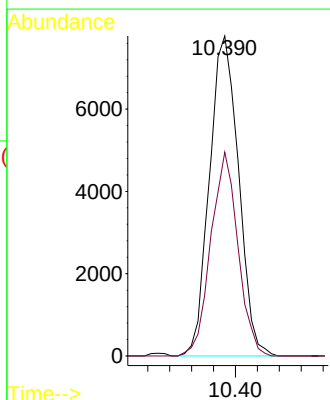
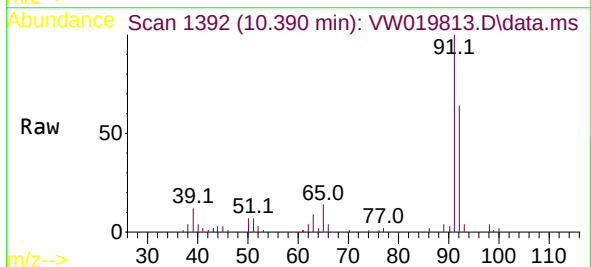
Instrument :
MSVOA_W
ClientSampled :

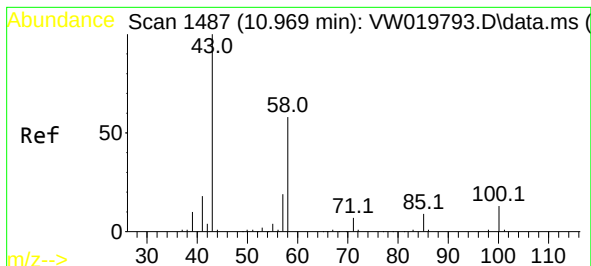
Tgt Ion: 75 Resp: 3112
Ion Ratio Lower Upper
75 100
77 41.4 22.6 42.0



#42
Toluene
Concen: 0.972 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02

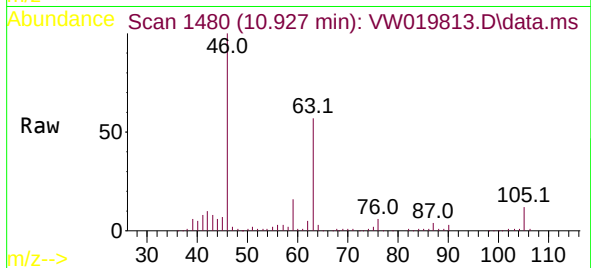
Tgt Ion: 91 Resp: 14338
Ion Ratio Lower Upper
91 100
92 63.7 39.5 73.3



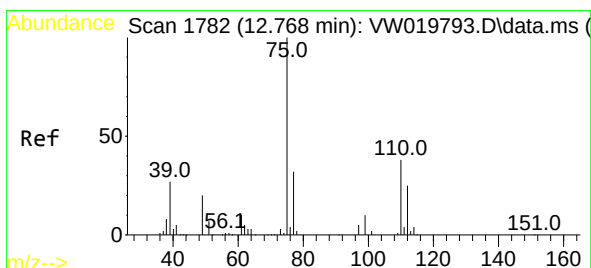
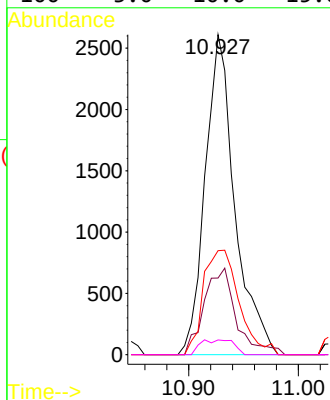
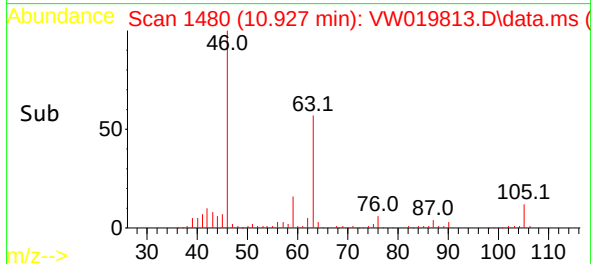


#48
2-Hexanone
Concen: 3.840 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02

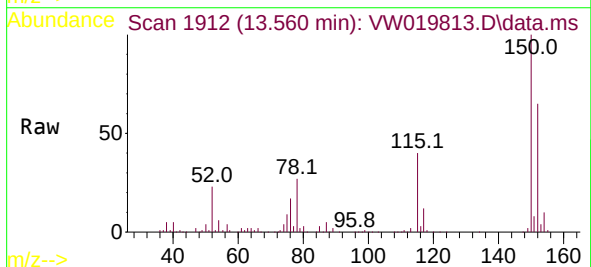
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	43	Resp:	4900
Ion	Ratio	Lower	Upper
43	100		
58	29.3	42.7	64.1#
57	38.8	15.8	23.8#
100	3.0	10.0	15.0#



#61
1,2,3-Trichloropropane
Concen: 6.893 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019813.D
Acq: 19 Aug 2021 17:02



Tgt Ion:	75	Resp:	7996
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.3	37.9
110	2.6	32.6	48.8#

