

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083021\
 Data File : VW019942.D
 Acq On : 30 Aug 2021 16:58
 Operator : SY/VA
 Sample : M3579-12
 Misc : 7.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 01:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 31 01:00:58 2021
 Response via : Initial Calibration

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

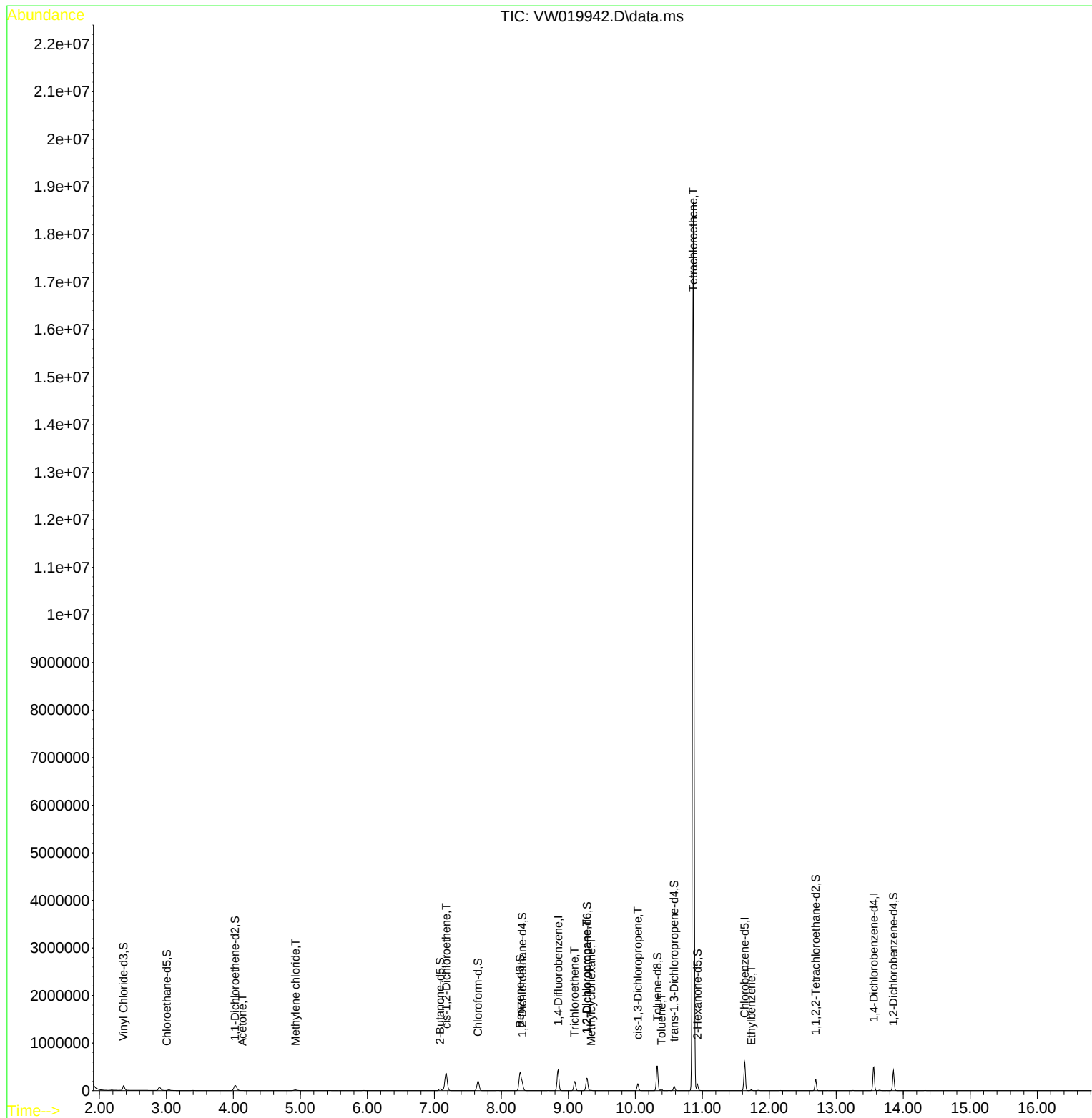
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	361000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	318700	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	130698	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	106091	18.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
7) Chloroethane-d5	3.007	69	195	0.040	ug/L	0.11
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.025	63	121358	12.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.000%
21) 2-Butanone-d5	7.086	46	58552	51.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.080%
24) Chloroform-d	7.653	84	203993	20.547	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	8.311	65	121774	22.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.040%
32) Benzene-d6	8.281	84	395280	21.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	9.281	67	125419	22.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.329	98	343158	20.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.440%
43) trans-1,3-Dichloroprop...	10.579	79	51778	22.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.927	63	47614	62.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.220%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	114926	25.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	102432	22.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds					Qvalue	
13) Acetone	4.135	43	3194	3.293	ug/L	83
16) Methylene chloride	4.928	84	13569	2.190	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	224792	43.247	ug/L	98
34) Trichloroethene	9.092	95	68781	13.526	ug/L	93
35) Methylcyclohexane	9.342	83	2208	0.253	ug/L	96
37) 1,2-Dichloropropane	9.274	63	14211	2.934	ug/L	# 86
39) cis-1,3-Dichloropropene	10.037	75	3584	0.502	ug/L	# 66
42) Toluene	10.390	91	18839	0.909	ug/L	95
46) Tetrachloroethene	10.866	164	3507307	910.565	ug/L	95
52) Ethylbenzene	11.731	91	12036	0.540	ug/L	100

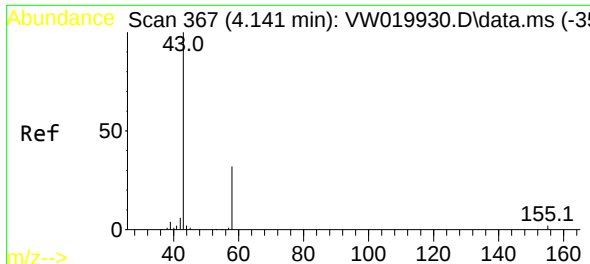
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Aug 31 01:00:58 2021
Response via : Initial Calibration

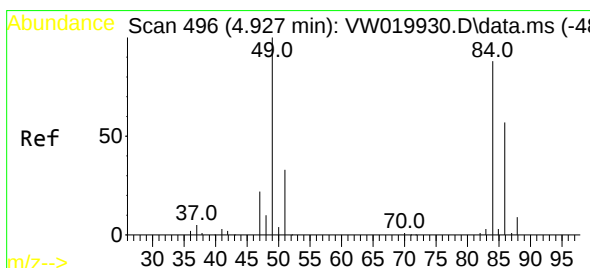
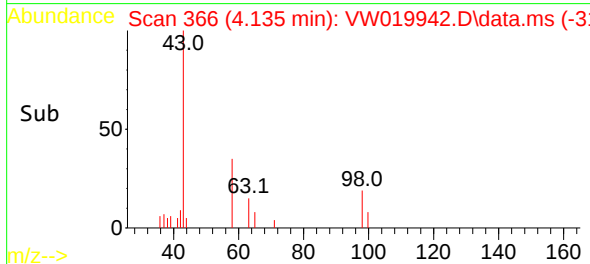
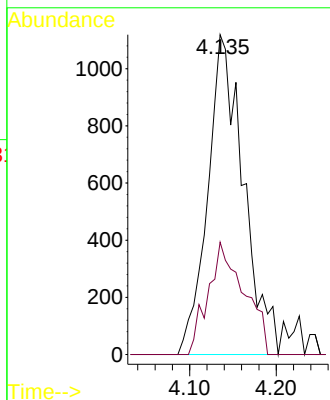
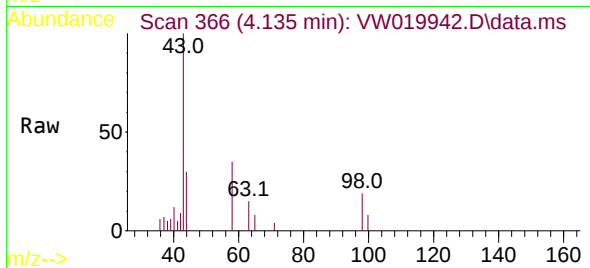




#13
Acetone
Concen: 3.293 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

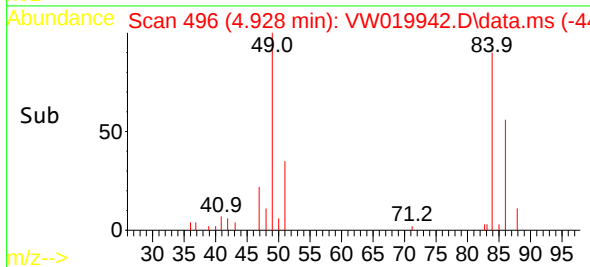
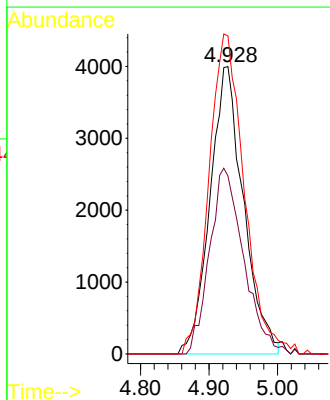
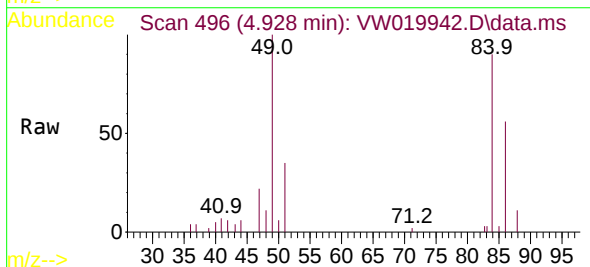
Instrument :
MSVOA_W
ClientSampled :

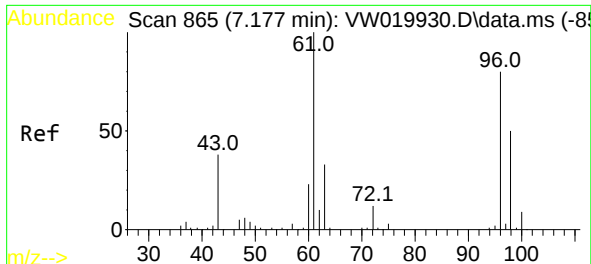
Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 35.6 0.0 53.8



#16
Methylene chloride
Concen: 2.190 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

Tgt Ion: 84 Resp: 13569
Ion Ratio Lower Upper
84 100
86 61.9 45.3 84.1
49 110.7 86.6 160.8

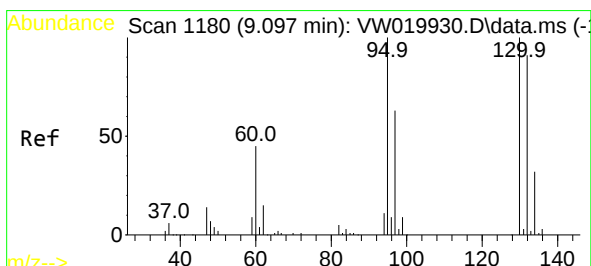
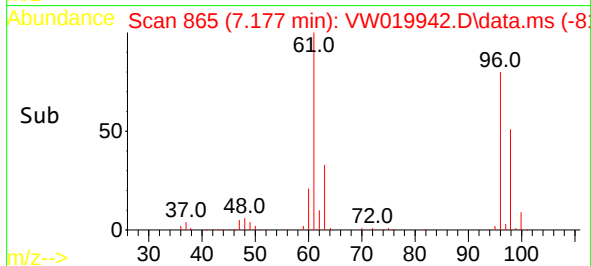
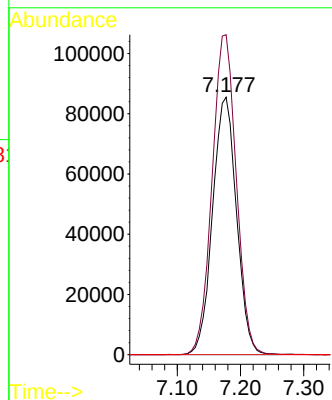
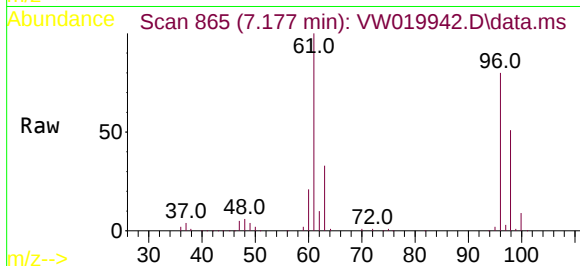




#20
cis-1,2-Dichloroethene
Concen: 43.247 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

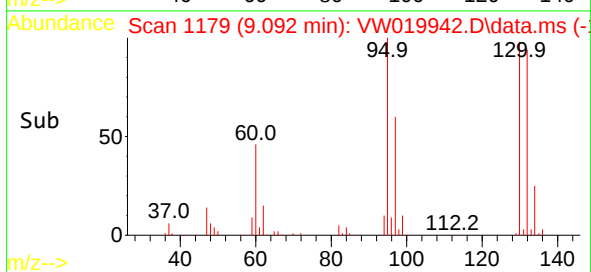
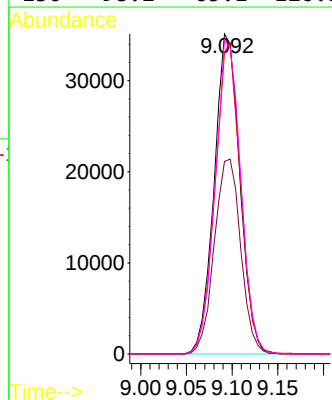
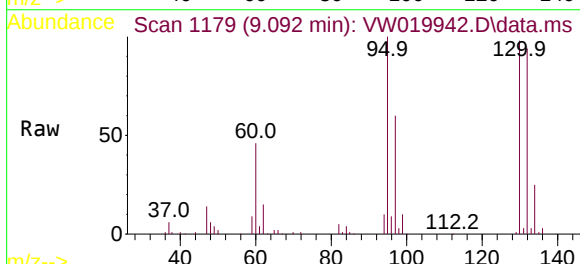
Instrument :
MSVOA_W
ClientSampled :

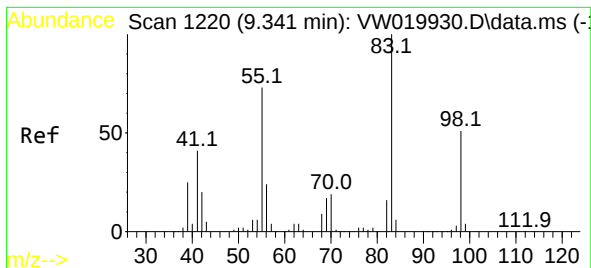
Tgt Ion: 96 Resp: 224792
Ion Ratio Lower Upper
96 100
61 124.3 88.5 164.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 13.526 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

Tgt Ion: 95 Resp: 68781
Ion Ratio Lower Upper
95 100
97 60.1 47.3 87.8
132 94.3 71.0 131.8
130 98.2 65.1 120.9

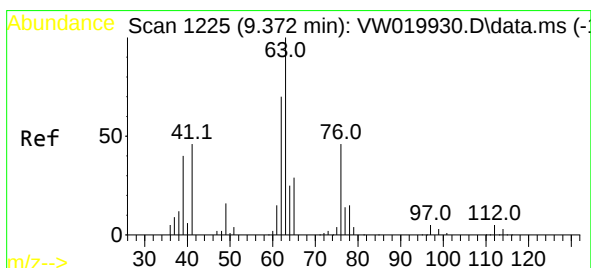
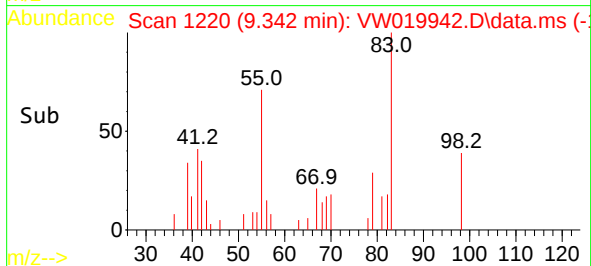
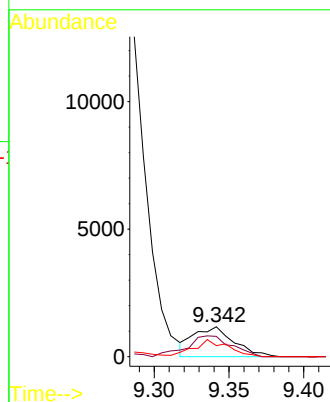
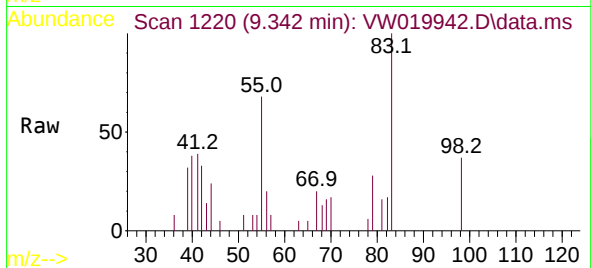




#35
Methylcyclohexane
Concen: 0.253 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

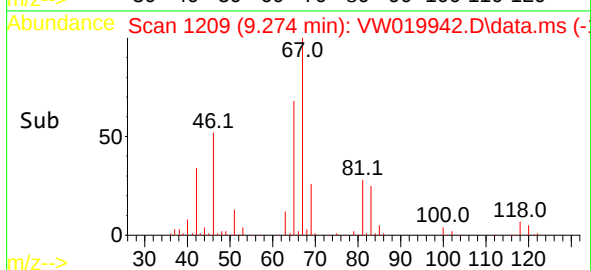
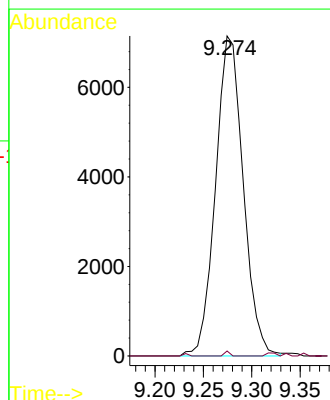
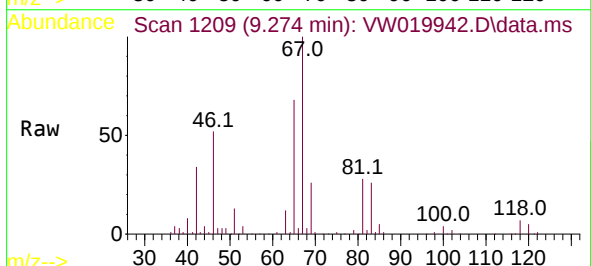
Instrument :
MSVOA_W
ClientSampled :

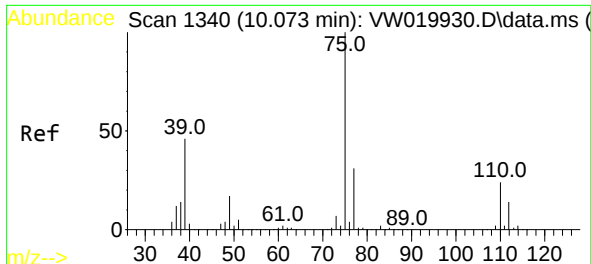
Tgt Ion: 83 Resp: 2208
Ion Ratio Lower Upper
83 100
55 76.7 58.9 88.3
98 47.8 40.1 60.1



#37
1,2-Dichloropropane
Concen: 2.934 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

Tgt Ion: 63 Resp: 14211
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#

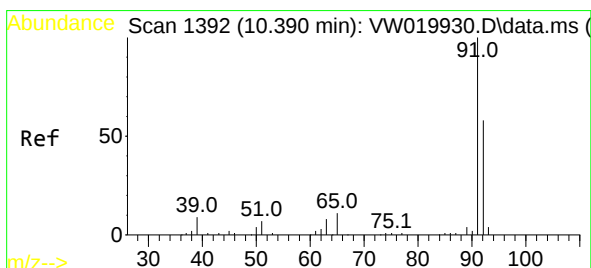
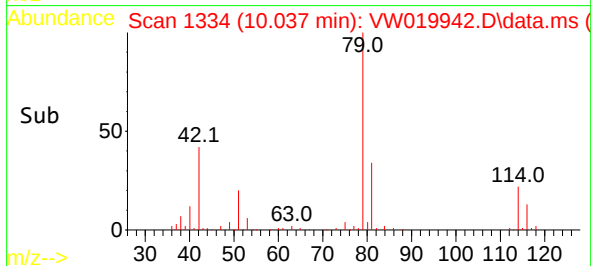
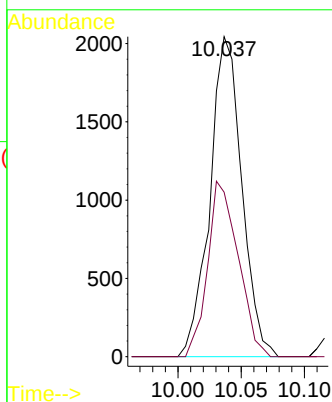
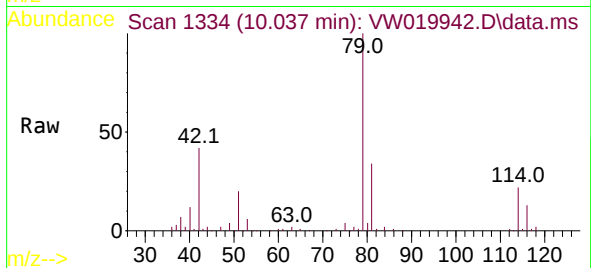




#39
cis-1,3-Dichloropropene
Concen: 0.502 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

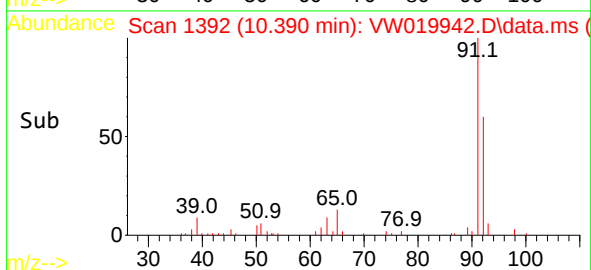
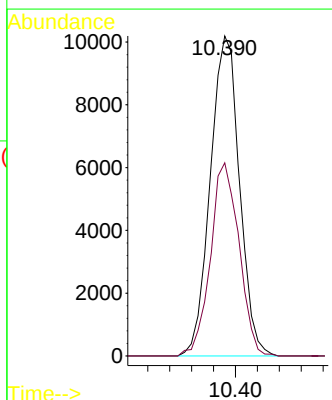
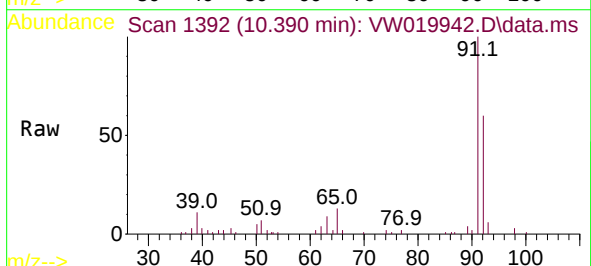
Instrument :
MSVOA_W
ClientSampled :

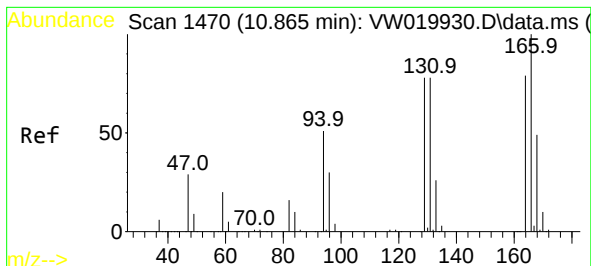
Tgt Ion: 75 Resp: 3584
Ion Ratio Lower Upper
75 100
77 51.4 22.6 42.0#



#42
Toluene
Concen: 0.909 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

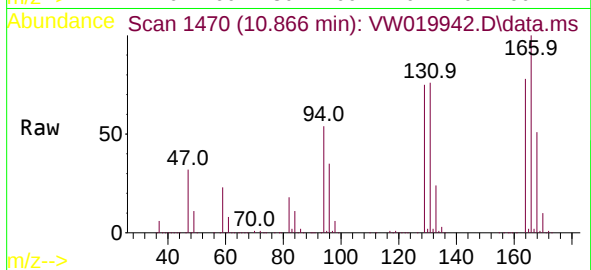
Tgt Ion: 91 Resp: 18839
Ion Ratio Lower Upper
91 100
92 60.3 39.5 73.3





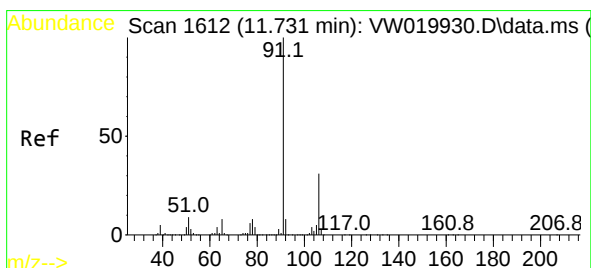
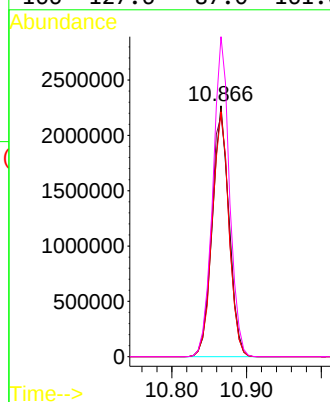
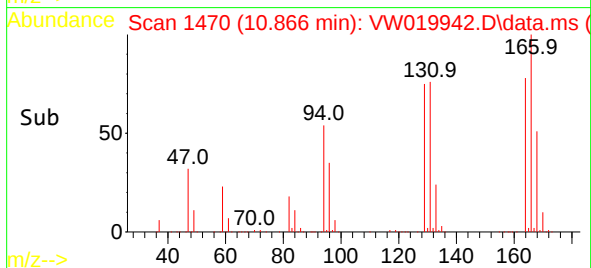
#46
Tetrachloroethene
Concen: 910.565 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019942.D
Acq: 30 Aug 2021 16:58

Instrument :
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ClientSampleId :

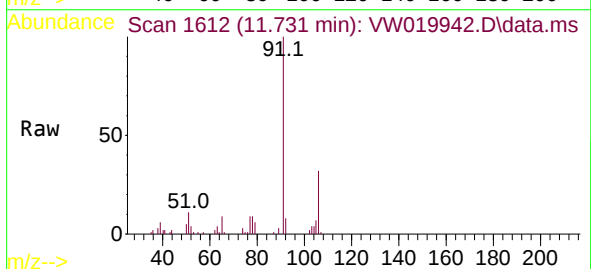


Tgt Ion:164 Resp: 3507307

Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.7	123.9
131	97.6	61.1	113.5
166	127.6	87.0	161.6



#52
Ethylbenzene
Concen: 0.540 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
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Tgt Ion: 91 Resp: 12036

Ion	Ratio	Lower	Upper
91	100		
106	32.0	22.5	41.7

