

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083021\
 Data File : VW019938.D
 Acq On : 30 Aug 2021 14:45
 Operator : SY/VA
 Sample : M3579-05
 Misc : 6.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 01:04:05 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	332168	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	242689	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56681	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103766	20.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
7) Chloroethane-d5	2.898	69	94524	20.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	4.025	63	118835	13.307	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.240%
21) 2-Butanone-d5	7.086	46	61621	58.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.900%
24) Chloroform-d	7.653	84	188611	20.647	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	8.311	65	116543	23.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.281	84	361506	26.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.520%
36) 1,2-Dichloropropane-d6	9.281	67	115092	27.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.880%
41) Toluene-d8	10.329	98	281807	22.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.579	79	46746	27.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.000%
47) 2-Hexanone-d5	10.927	63	43022	73.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.400%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	90665	26.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	41775	21.486	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%

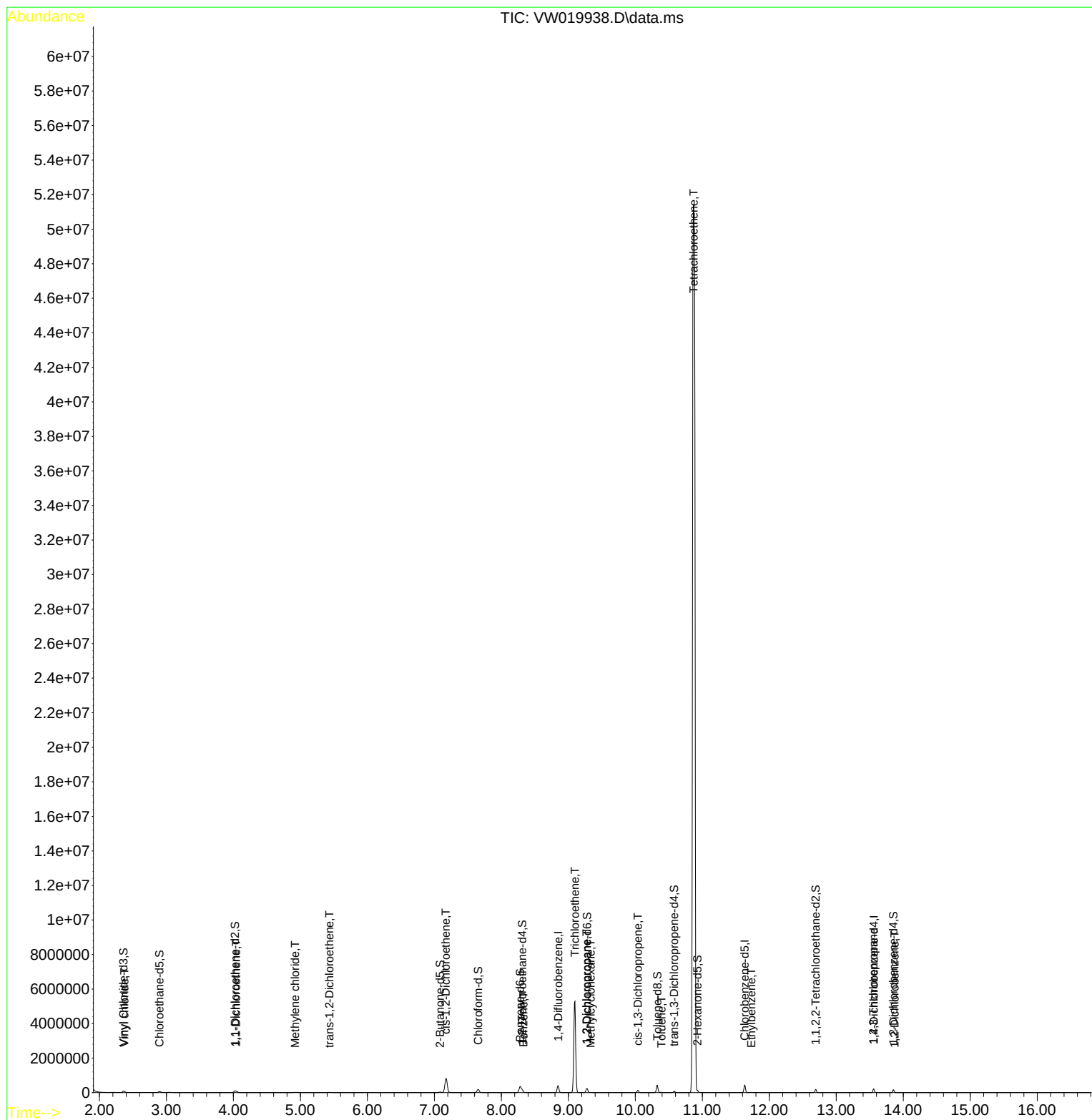
Target Compounds					Qvalue
5) Vinyl chloride	2.373	62	1779	0.296 ug/L	# 1
12) 1,1-Dichloroethene	4.044	96	2003	0.445 ug/L	# 1
16) Methylene chloride	4.922	84	10483	1.839 ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	6714	1.421 ug/L	88
20) cis-1,2-Dichloroethene	7.171	96	500653	104.678 ug/L	100
33) Benzene	8.330	78	6133	0.412 ug/L	100
34) Trichloroethene	9.098	95	1806054	466.418 ug/L	95
35) Methylcyclohexane	9.335	83	2404	0.362 ug/L	97
37) 1,2-Dichloropropane	9.274	63	13368	3.624 ug/L	# 87
39) cis-1,3-Dichloropropene	10.037	75	3454	0.636 ug/L	# 54
42) Toluene	10.390	91	19474	1.234 ug/L	92
46) Tetrachloroethene	10.872	164	15782938	5380.923 ug/L	94
52) Ethylbenzene	11.731	91	11345	0.668 ug/L	96
61) 1,2,3-Trichloropropane	13.554	75	7132	6.418 ug/L	# 63
67) 1,2-Dichlorobenzene	13.871	146	1085	0.349 ug/L	# 79

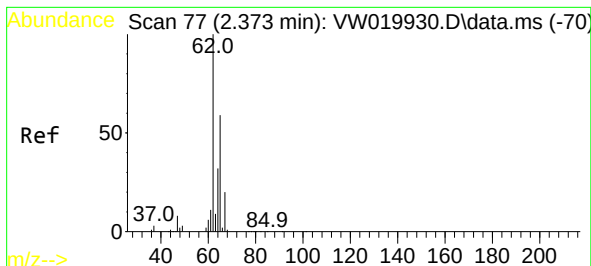
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

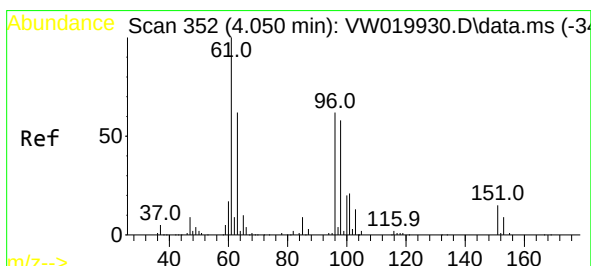
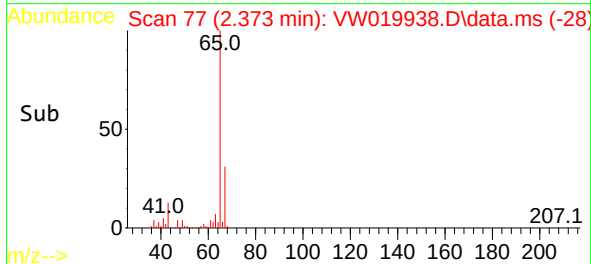
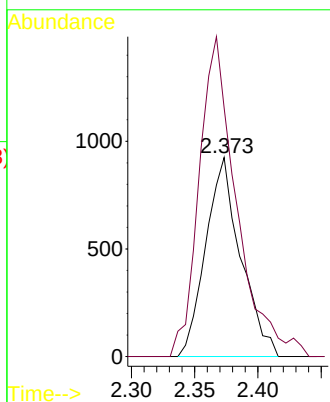
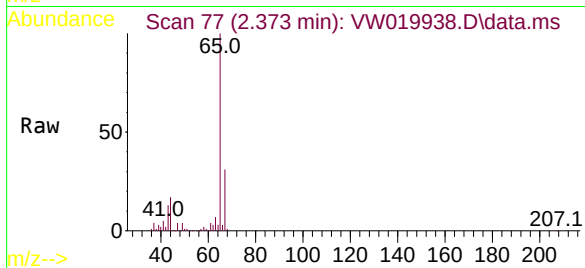




#5
 Vinyl chloride
 Concen: 0.296 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019938.D
 Acq: 30 Aug 2021 14:45

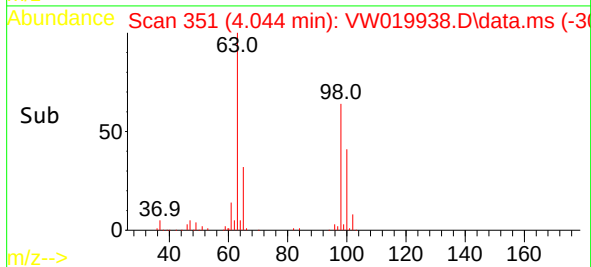
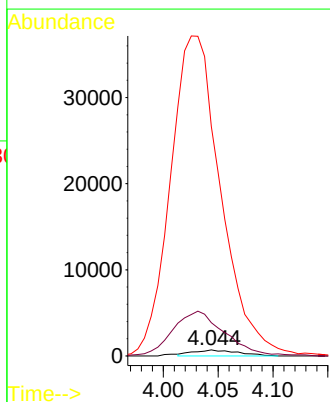
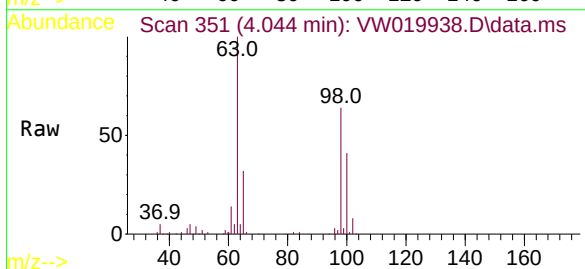
Instrument :
 MSVOA_W
 ClientSampled :

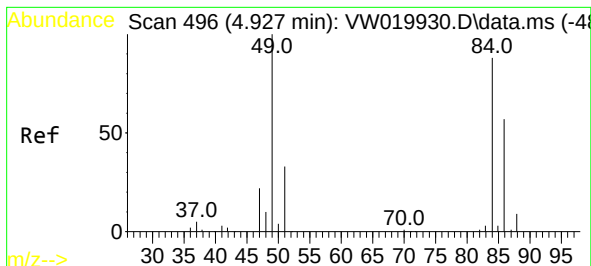
Tgt Ion: 62 Resp: 1779
 Ion Ratio Lower Upper
 62 100
 64 125.0 24.2 45.0#



#12
 1,1-Dichloroethene
 Concen: 0.445 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW019938.D
 Acq: 30 Aug 2021 14:45

Tgt Ion: 96 Resp: 2003
 Ion Ratio Lower Upper
 96 100
 61 542.2 118.1 219.3#
 63 3749.1 83.7 155.5#



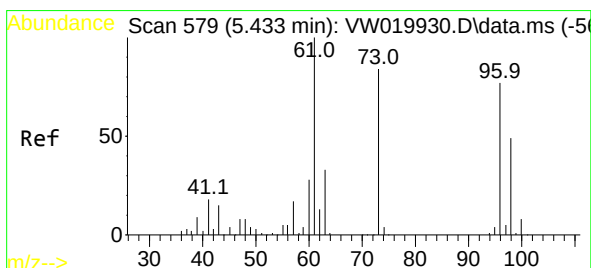
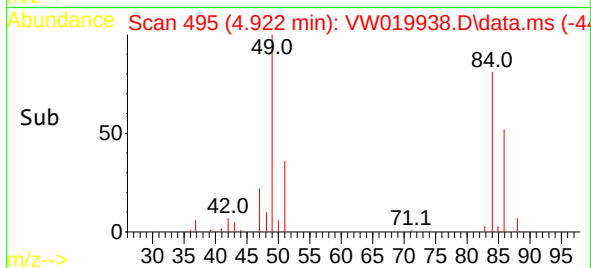
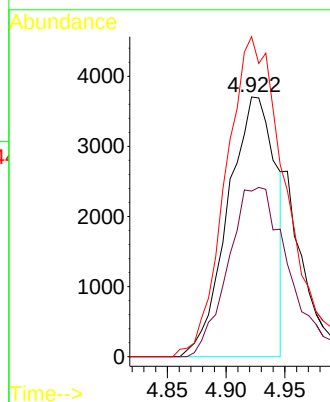
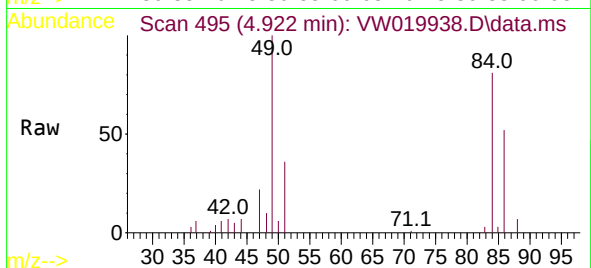


#16
Methylene chloride
Concen: 1.839 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 84 Resp: 10483

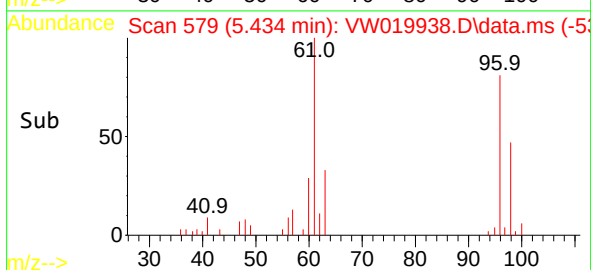
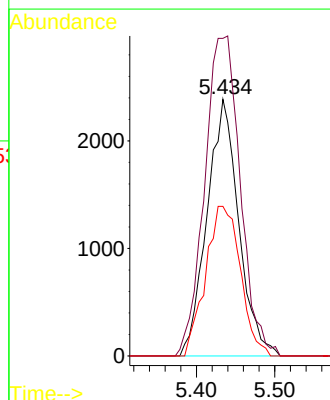
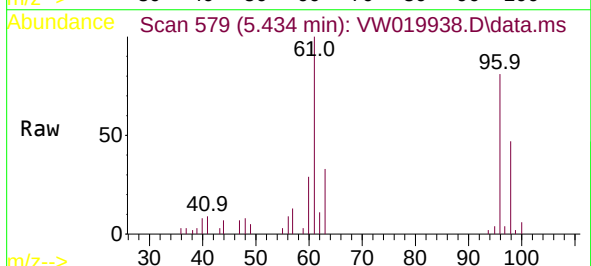
Ion	Ratio	Lower	Upper
84	100		
86	63.8	45.3	84.1
49	123.2	86.6	160.8

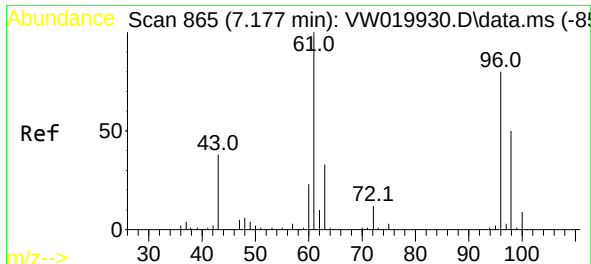


#17
trans-1,2-Dichloroethene
Concen: 1.421 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Tgt Ion: 96 Resp: 6714

Ion	Ratio	Lower	Upper
96	100		
61	123.7	98.3	182.7
98	58.3	46.1	85.7



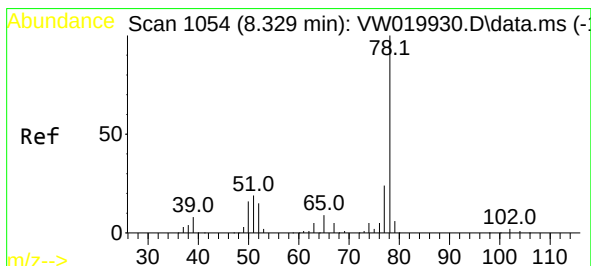
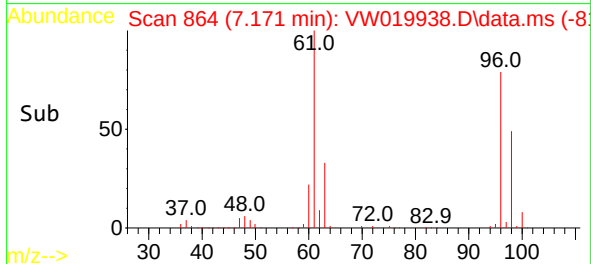
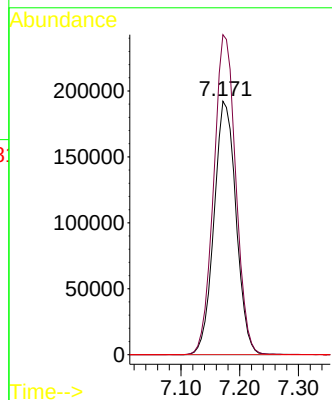
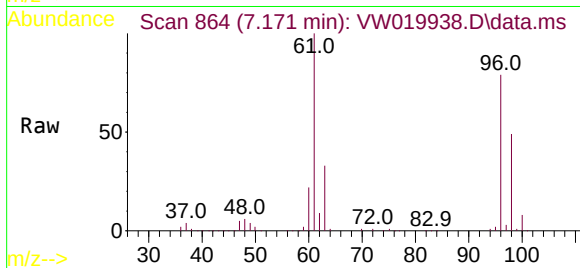


#20
 cis-1,2-Dichloroethene
 Concen: 104.678 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VW019938.D
 Acq: 30 Aug 2021 14:45

Instrument :
 MSVOA_W
 ClientSampled :

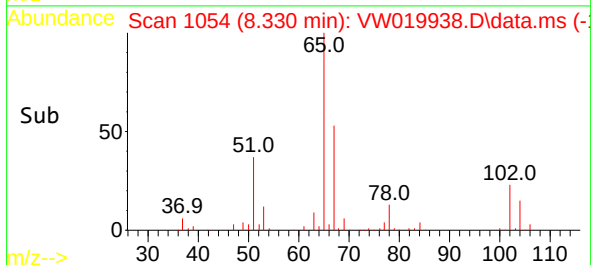
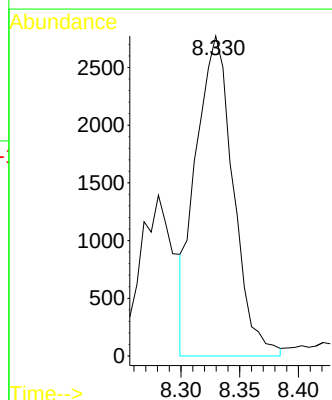
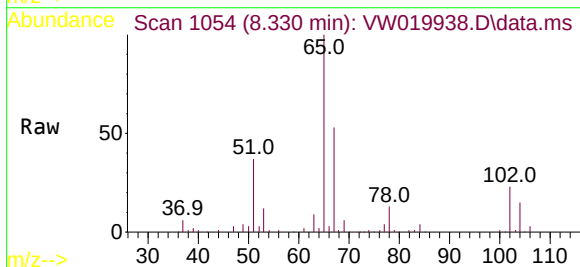
Tgt Ion: 96 Resp: 500653

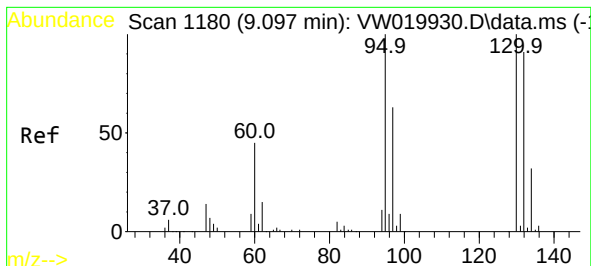
Ion	Ratio	Lower	Upper
96	100		
61	126.2	88.5	164.3
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.412 ug/L
 RT: 8.330 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VW019938.D
 Acq: 30 Aug 2021 14:45

Tgt Ion: 78 Resp: 6133

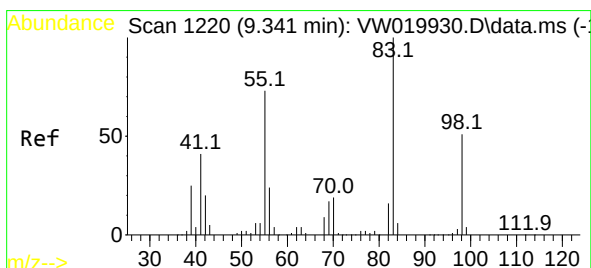
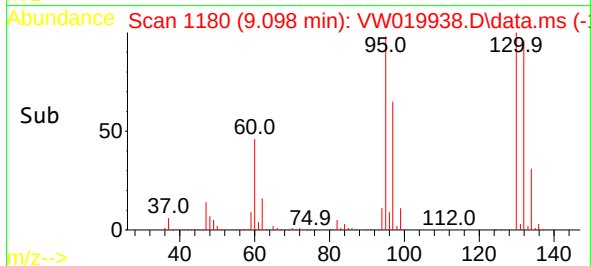
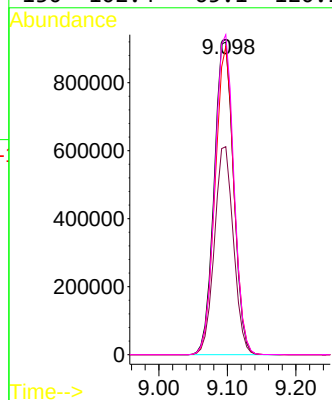
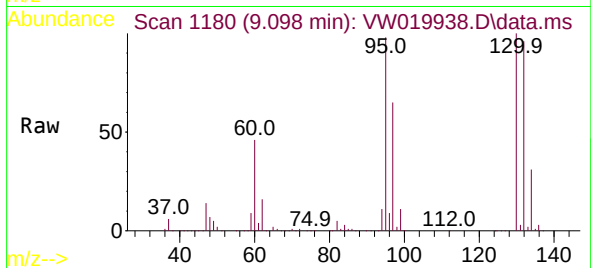




#34
Trichloroethene
Concen: 466.418 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

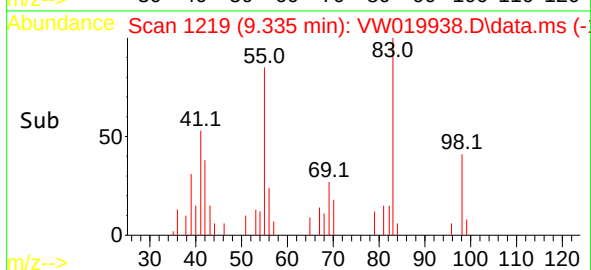
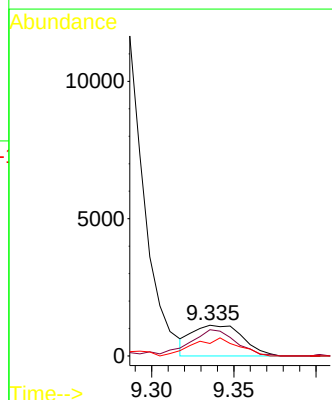
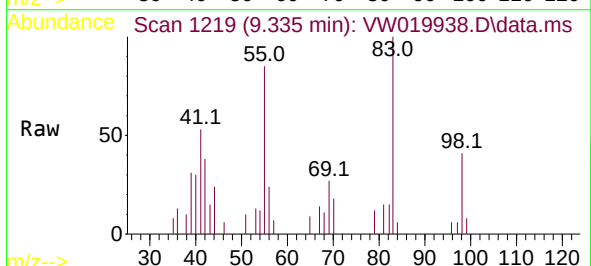
Instrument :
MSVOA_W
ClientSampled :

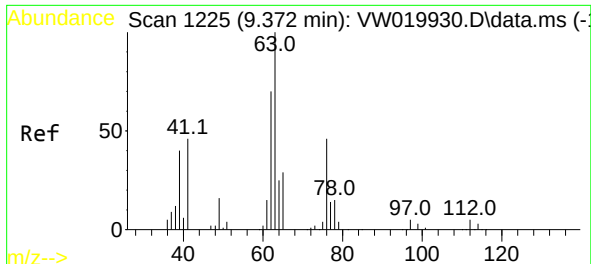
Tgt Ion: 95 Resp: 1806054
Ion Ratio Lower Upper
95 100
97 66.6 47.3 87.8
132 98.6 71.0 131.8
130 102.4 65.1 120.9



#35
Methylcyclohexane
Concen: 0.362 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Tgt Ion: 83 Resp: 2404
Ion Ratio Lower Upper
83 100
55 76.0 58.9 88.3
98 52.1 40.1 60.1

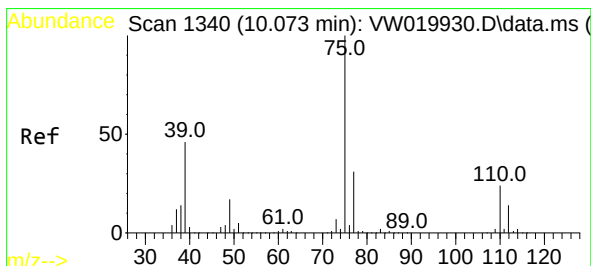
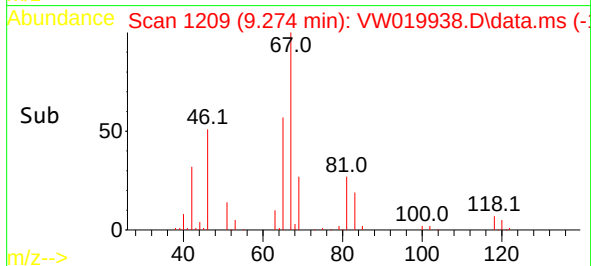
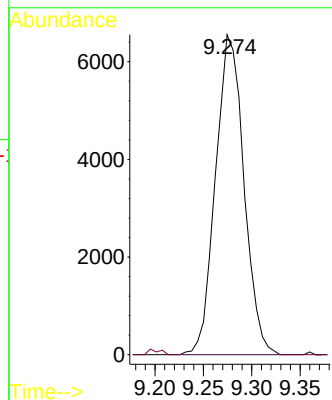
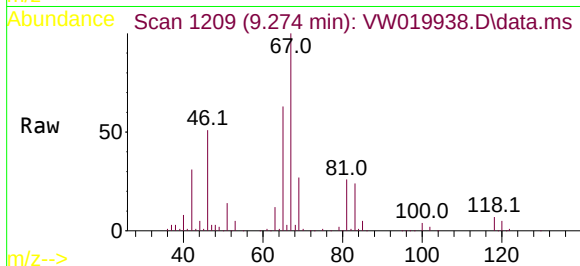




#37
1,2-Dichloropropane
Concen: 3.624 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

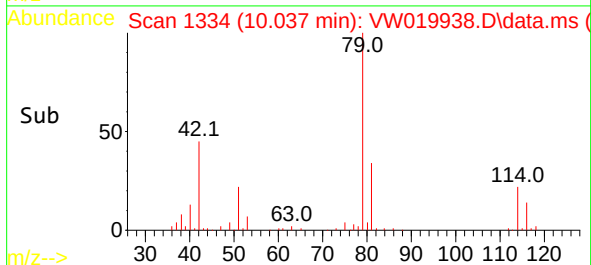
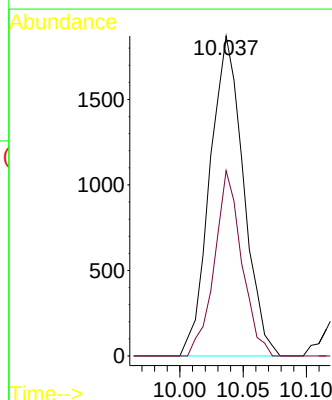
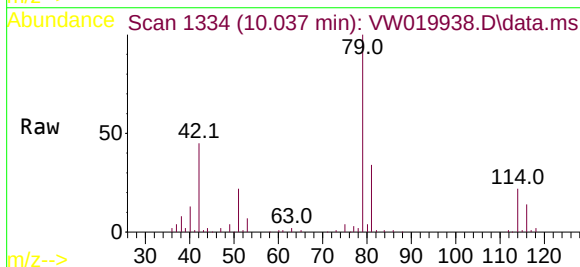
Instrument :
MSVOA_W
ClientSampled :

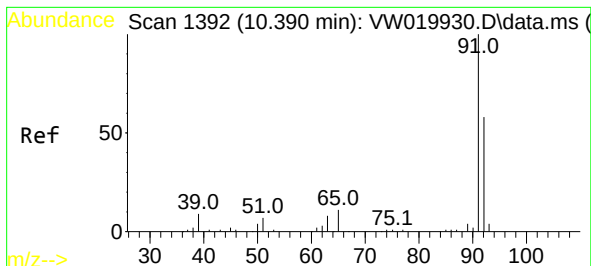
Tgt Ion: 63 Resp: 13368
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.636 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Tgt Ion: 75 Resp: 3454
Ion Ratio Lower Upper
75 100
77 57.9 22.6 42.0#





#42

Toluene

Concen: 1.234 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019938.D

Acq: 30 Aug 2021 14:45

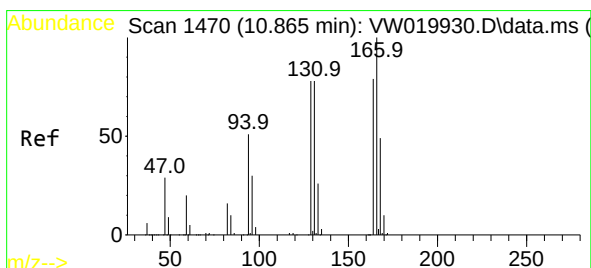
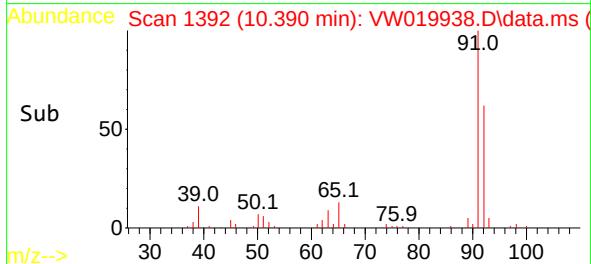
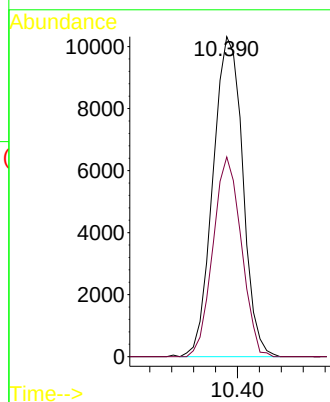
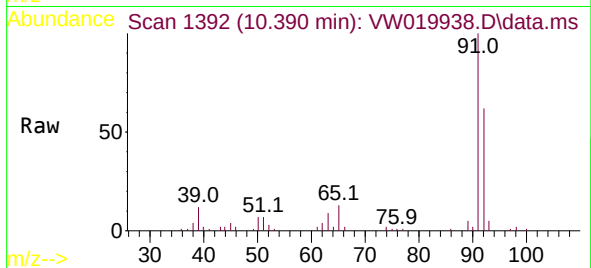
Tgt Ion: 91 Resp: 19474

Ion	Ratio	Lower	Upper
91	100		
92	62.4	39.5	73.3

Instrument :

MSVOA_W

ClientSampled :



#46

Tetrachloroethene

Concen: 5380.923 ug/L

RT: 10.872 min Scan# 1471

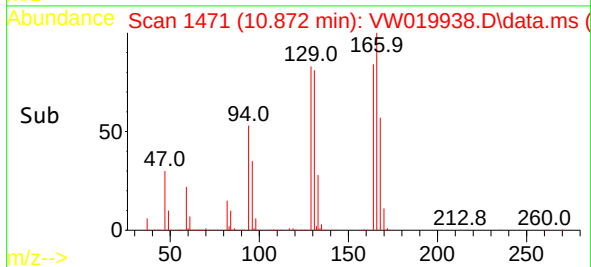
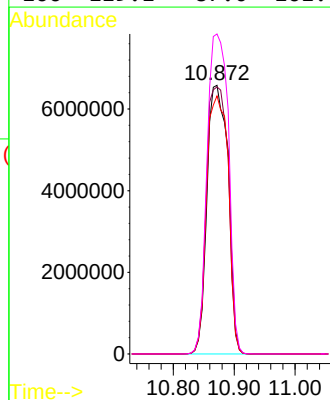
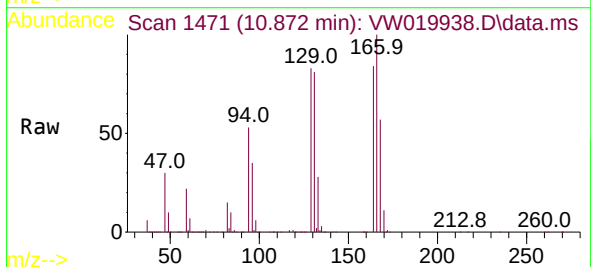
Delta R.T. 0.006 min

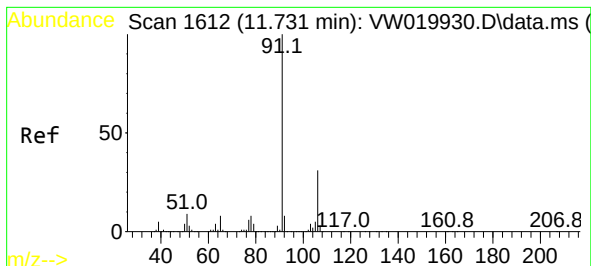
Lab File: VW019938.D

Acq: 30 Aug 2021 14:45

Tgt Ion:164 Resp:15782938

Ion	Ratio	Lower	Upper
164	100		
129	99.4	66.7	123.9
131	96.1	61.1	113.5
166	119.1	87.0	161.6

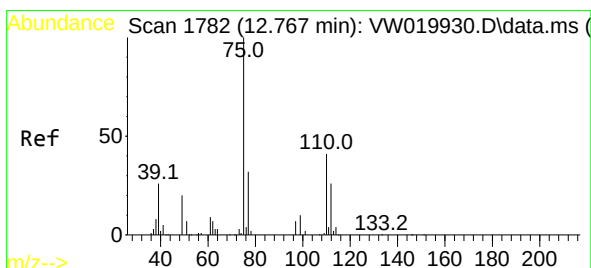
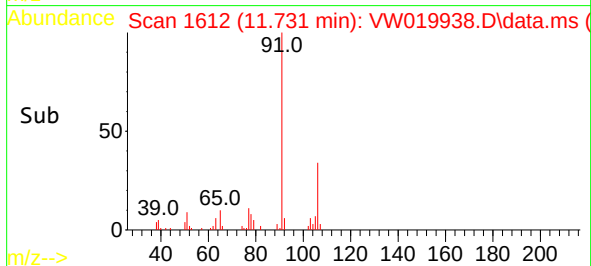
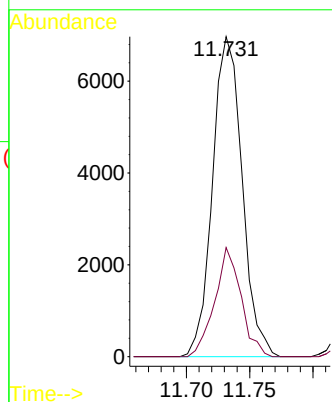
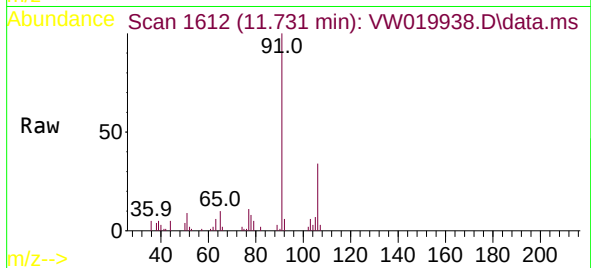




#52
Ethylbenzene
Concen: 0.668 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

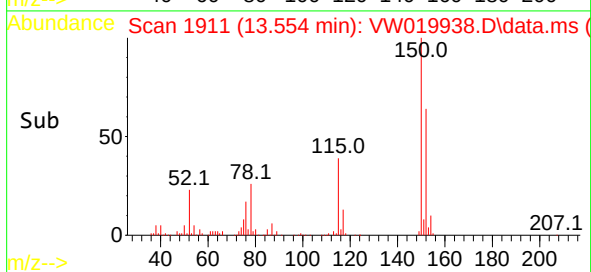
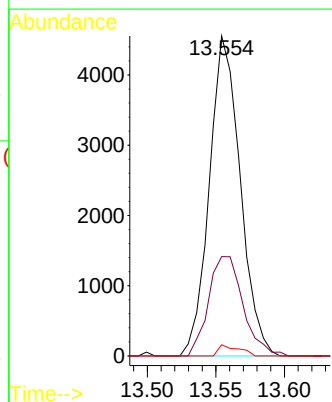
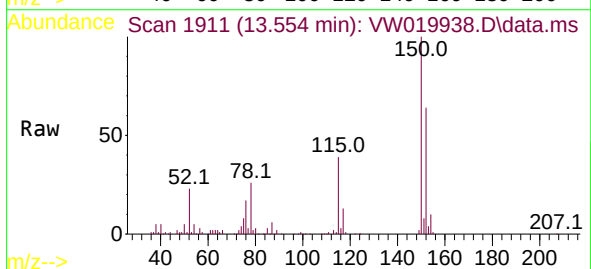
Instrument :
MSVOA_W
ClientSampled :

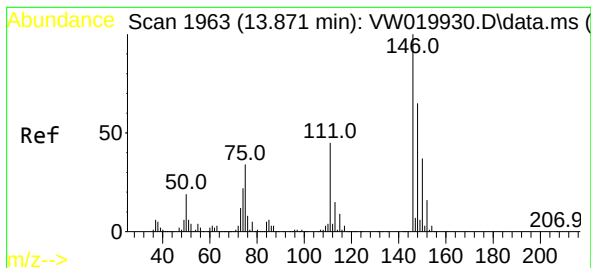
Tgt Ion: 91 Resp: 11345
Ion Ratio Lower Upper
91 100
106 34.1 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.418 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Tgt Ion: 75 Resp: 7132
Ion Ratio Lower Upper
75 100
77 34.8 25.3 37.9
110 2.3 32.6 48.8#





#67
1,2-Dichlorobenzene
Concen: 0.349 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019938.D
Acq: 30 Aug 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.8	33.2	49.8#
148	79.0	50.4	75.6#

