

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019847.D
 Acq On : 23 Aug 2021 12:28
 Operator : SY/VA
 Sample : M3518-01
 Misc : 6.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AS4

Quant Time: Aug 24 00:55:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

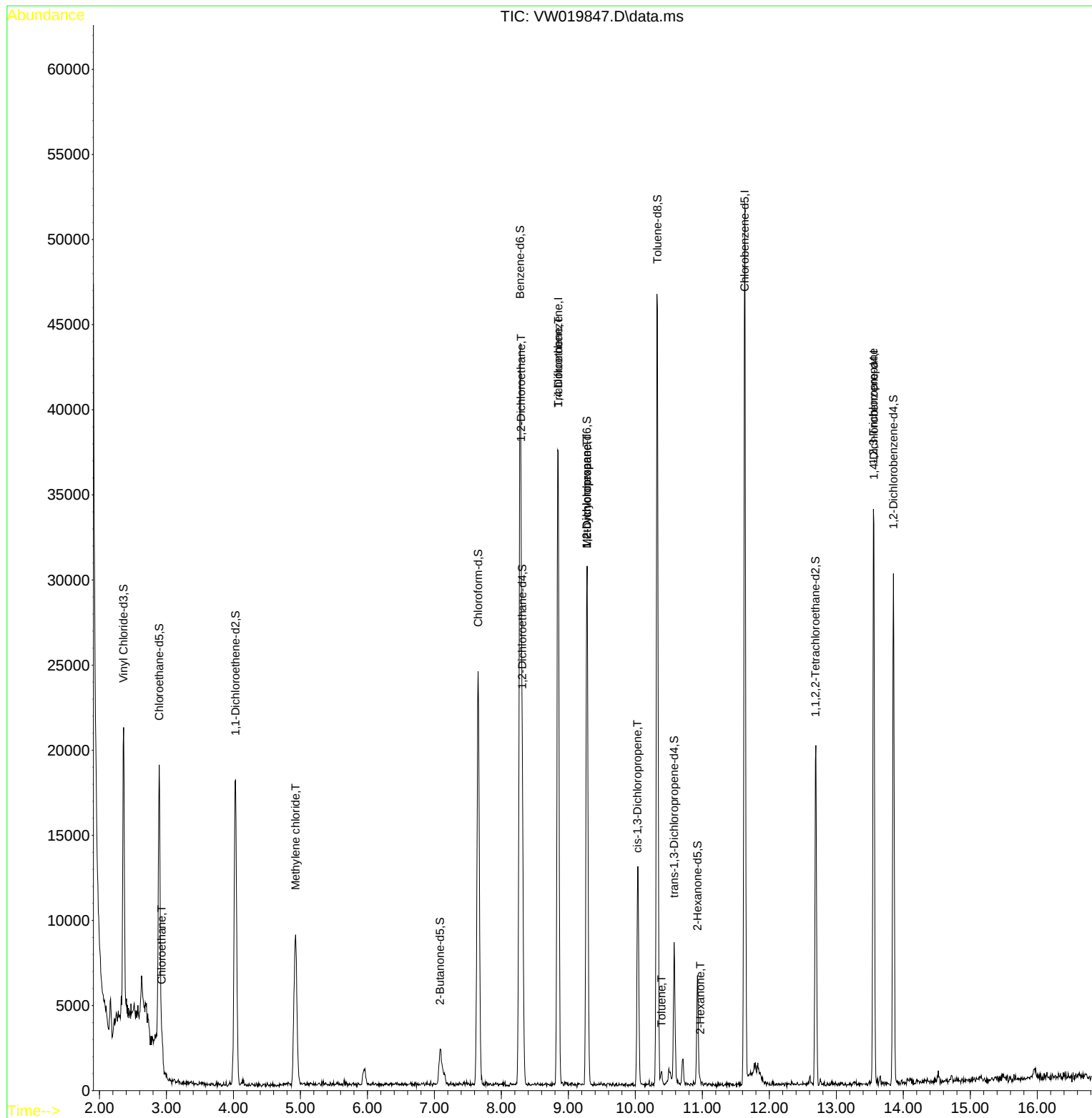
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	31704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	27470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8763	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	16711	34.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.080%
7) Chloroethane-d5	2.891	69	15843	36.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.960%
11) 1,1-Dichloroethene-d2	4.031	63	17342	20.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.400%
21) 2-Butanone-d5	7.086	46	4184	41.933	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.860%
24) Chloroform-d	7.653	84	24314	27.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.560%
26) 1,2-Dichloroethane-d4	8.311	65	13354	28.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.680%
32) Benzene-d6	8.281	84	43985	28.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.320%
36) 1,2-Dichloropropane-d6	9.274	67	14107	29.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.960%
41) Toluene-d8	10.329	98	31711	22.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.579	79	4595	23.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.926	63	2191	33.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9938	25.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	7455	24.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
8) Chloroethane	2.928	64	154	0.410	ug/L #	41
16) Methylene chloride	4.928	84	6794	12.486	ug/L	95
27) 1,2-Dichloroethane	8.293	62	216	0.400	ug/L #	76
34) Trichloroethene	8.848	95	958	2.186	ug/L #	5
35) Methylcyclohexane	9.274	83	3562	4.738	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	1622	3.885	ug/L #	85
39) cis-1,3-Dichloropropene	10.030	75	426	0.693	ug/L	96
42) Toluene	10.390	91	646	0.362	ug/L	81
48) 2-Hexanone	10.969	43	130	0.841	ug/L #	39
61) 1,2,3-Trichloropropane	13.554	75	1243	7.235	ug/L #	56

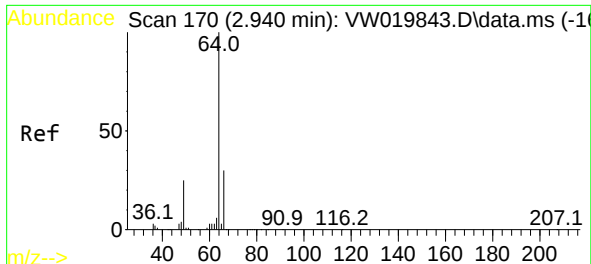
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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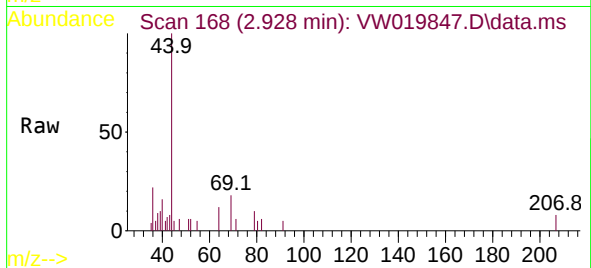
Quant Time: Aug 24 00:55:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 24 00:54:38 2021
Response via : Initial Calibration



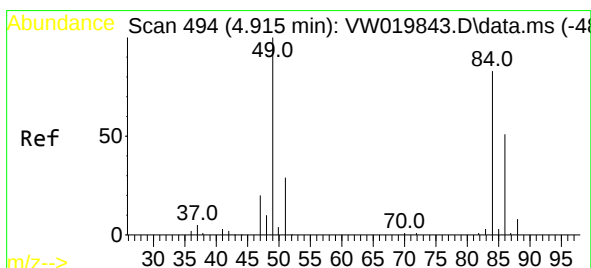
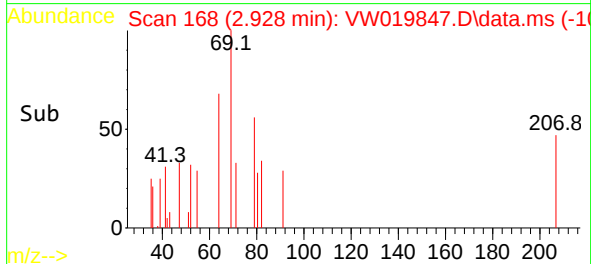
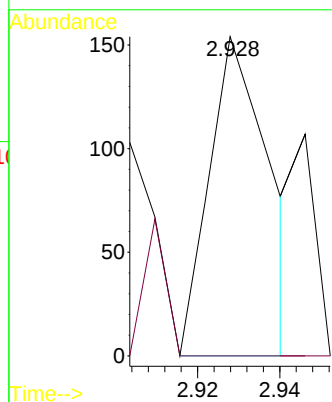


#8
Chloroethane
Concen: 0.410 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.012 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Instrument :
MSVOA_W
ClientSampleId :
C0AS4

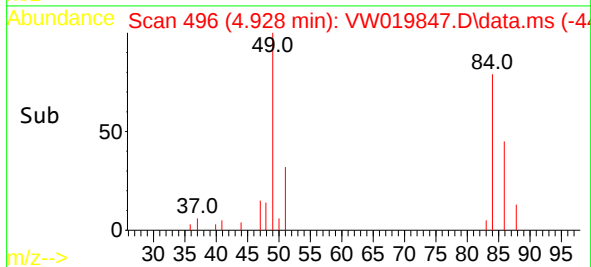
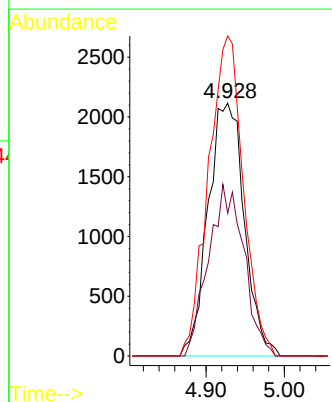
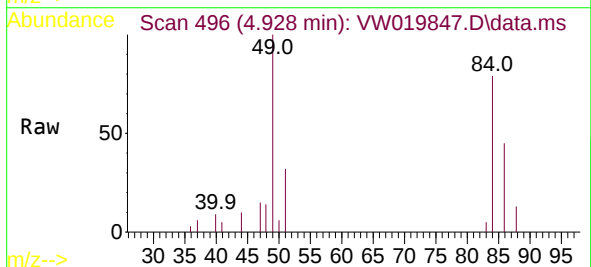


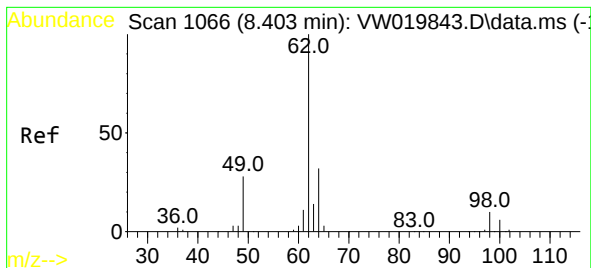
Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 0.0 23.4 43.6#



#16
Methylene chloride
Concen: 12.486 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Tgt Ion: 84 Resp: 6794
Ion Ratio Lower Upper
84 100
86 56.5 45.3 84.1
49 126.6 86.6 160.8

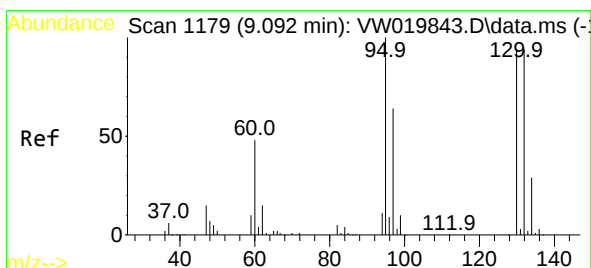
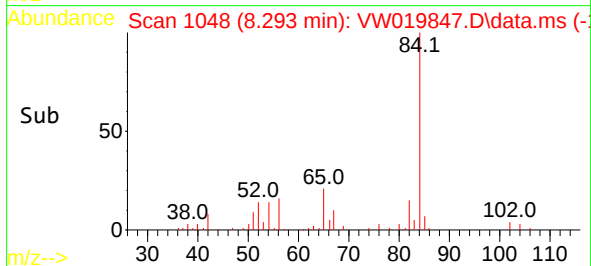
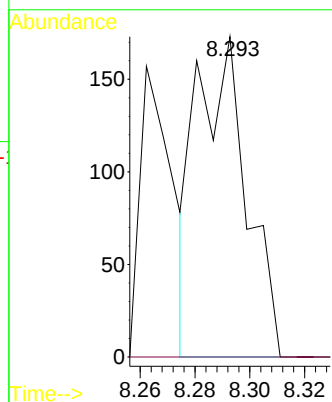
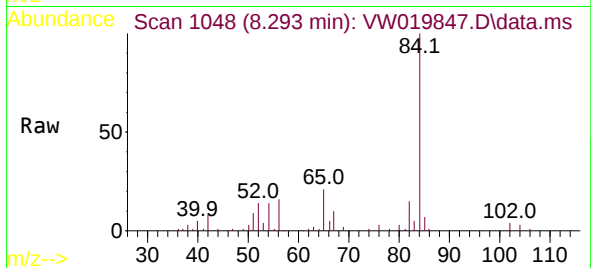




#27
1,2-Dichloroethane
Concen: 0.400 ug/L
RT: 8.293 min Scan# 1048
Delta R.T. -0.110 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

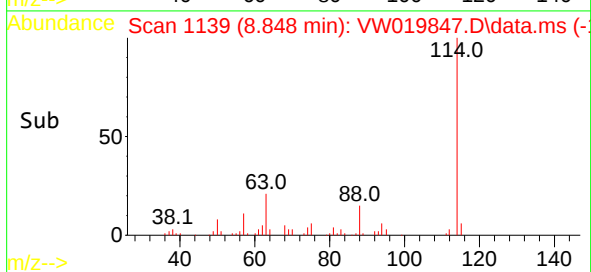
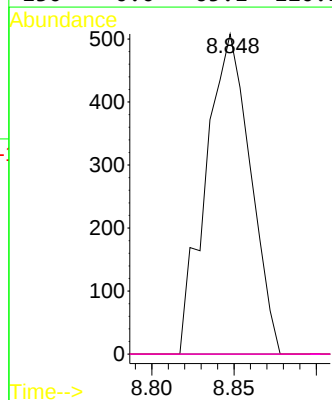
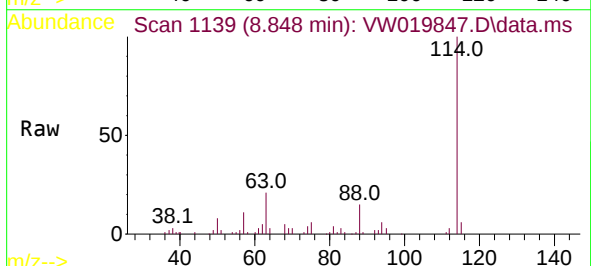
Instrument :
MSVOA_W
ClientSampled :
C0AS4

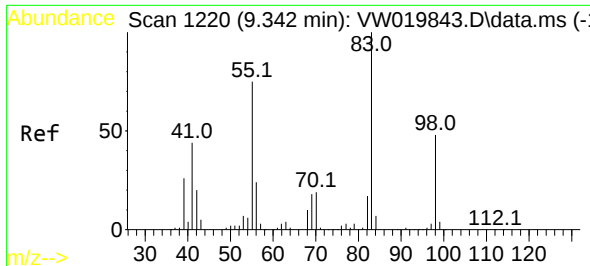
Tgt Ion: 62 Resp: 216
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#34
Trichloroethene
Concen: 2.186 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Tgt Ion: 95 Resp: 958
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#

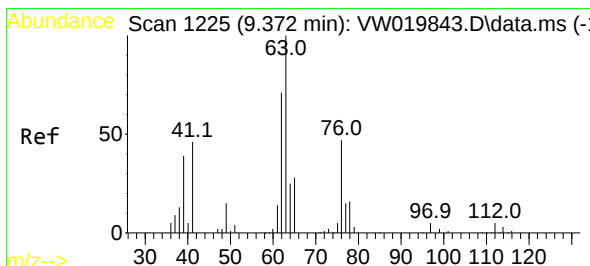
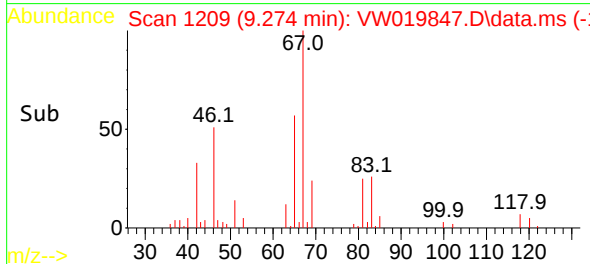
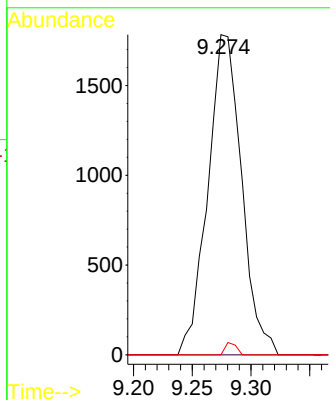
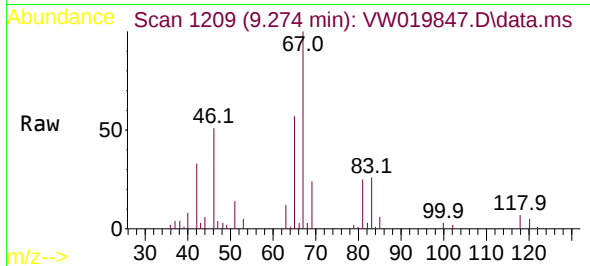




#35
Methylcyclohexane
Concen: 4.738 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

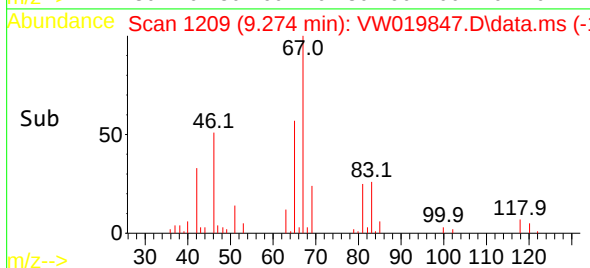
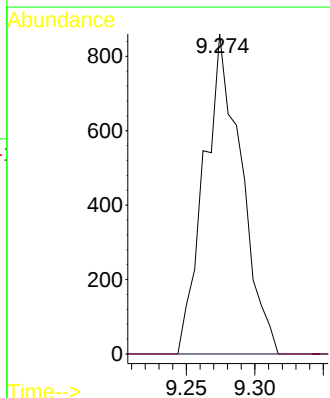
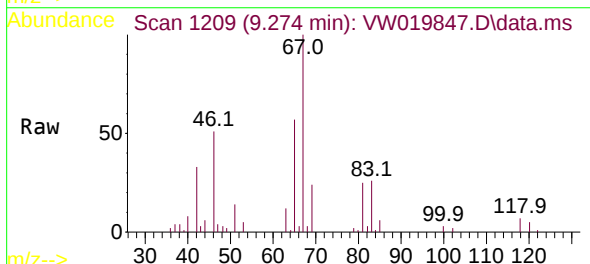
Instrument :
MSVOA_W
ClientSampleId :
C0AS4

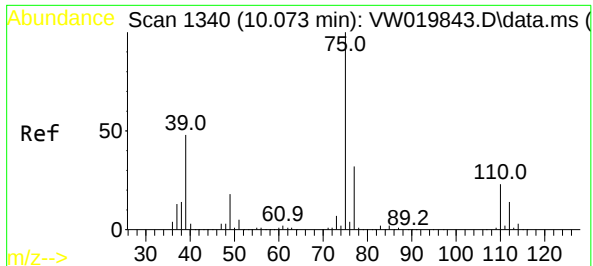
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	1.3	40.1	60.1#



#37
1,2-Dichloropropane
Concen: 3.885 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

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

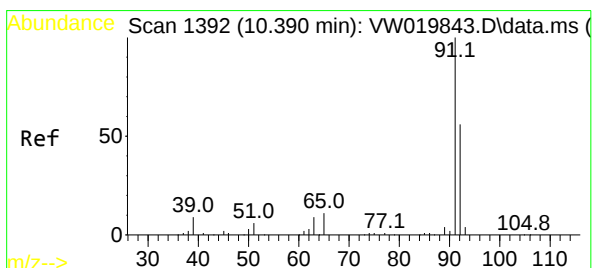
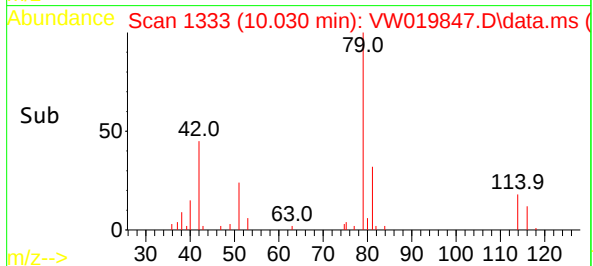
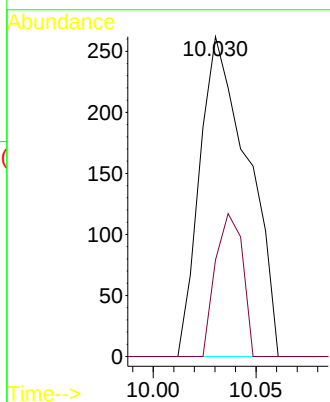
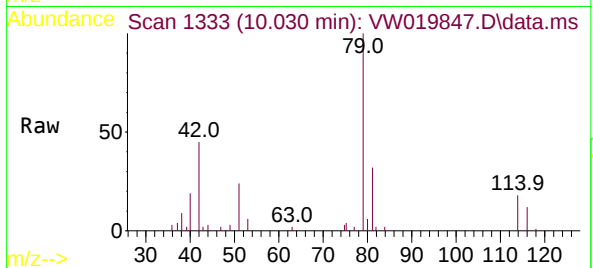




#39
cis-1,3-Dichloropropene
Concen: 0.693 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

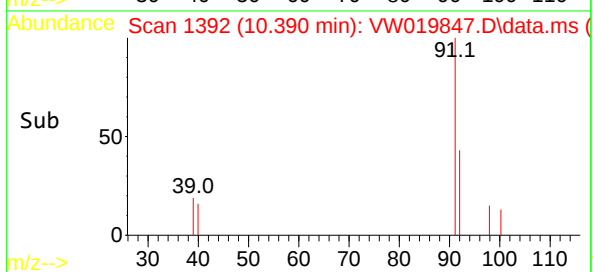
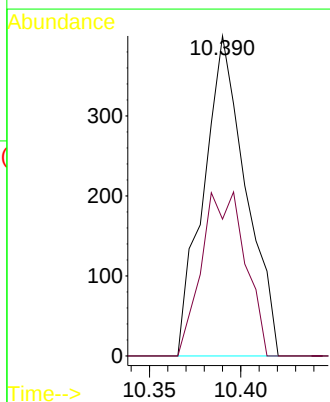
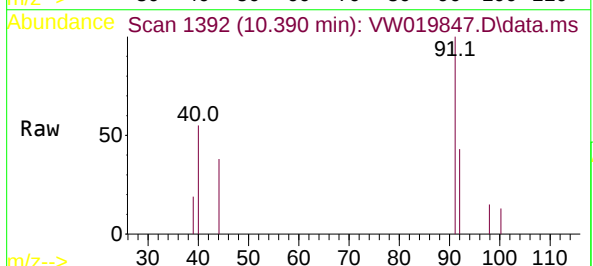
Instrument :
MSVOA_W
ClientSampleId :
C0AS4

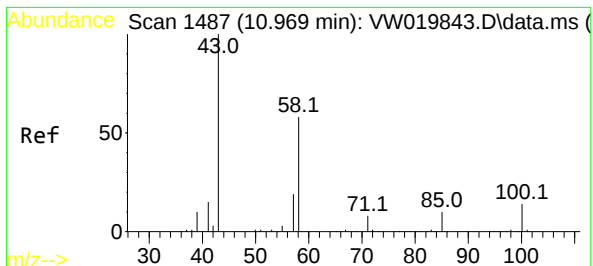
Tgt Ion: 75 Resp: 426
Ion Ratio Lower Upper
75 100
77 30.2 22.6 42.0



#42
Toluene
Concen: 0.362 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Tgt Ion: 91 Resp: 646
Ion Ratio Lower Upper
91 100
92 42.8 39.5 73.3

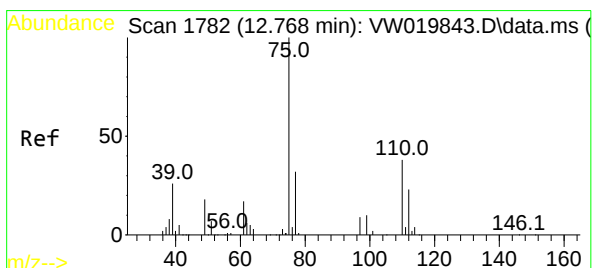
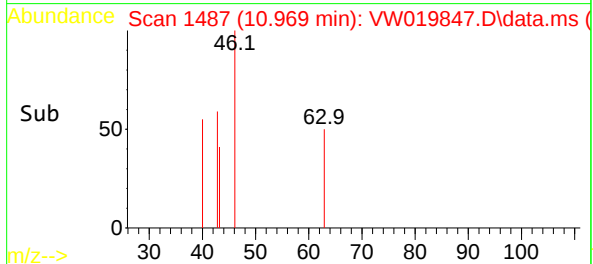
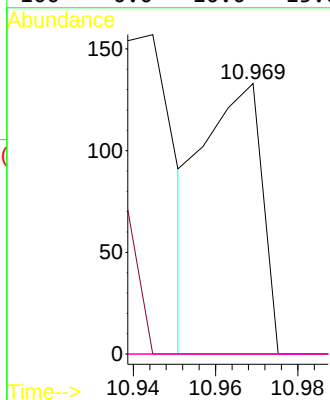
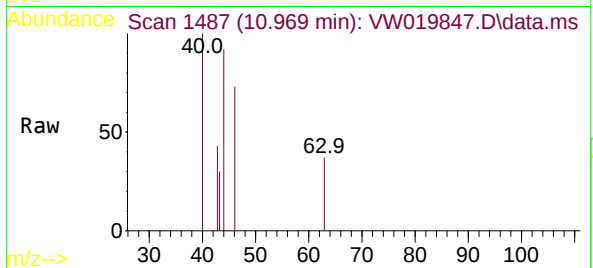




#48
2-Hexanone
Concen: 0.841 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Instrument :
MSVOA_W
ClientSampleId :
C0AS4

Tgt Ion: 43	Resp:	130
Ion	Ratio	Lower Upper
43	100	
58	0.0	42.7 64.1#
57	0.0	15.8 23.8#
100	0.0	10.0 15.0#



#61
1,2,3-Trichloropropane
Concen: 7.235 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019847.D
Acq: 23 Aug 2021 12:28

Tgt Ion: 75	Resp:	1243
Ion	Ratio	Lower Upper
75	100	
77	41.0	25.3 37.9#
110	0.0	32.6 48.8#

