

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019796.D
 Acq On : 19 Aug 2021 10:13
 Operator : SY/VA
 Sample : M3458-02RE
 Misc : 7.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:43:24 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)

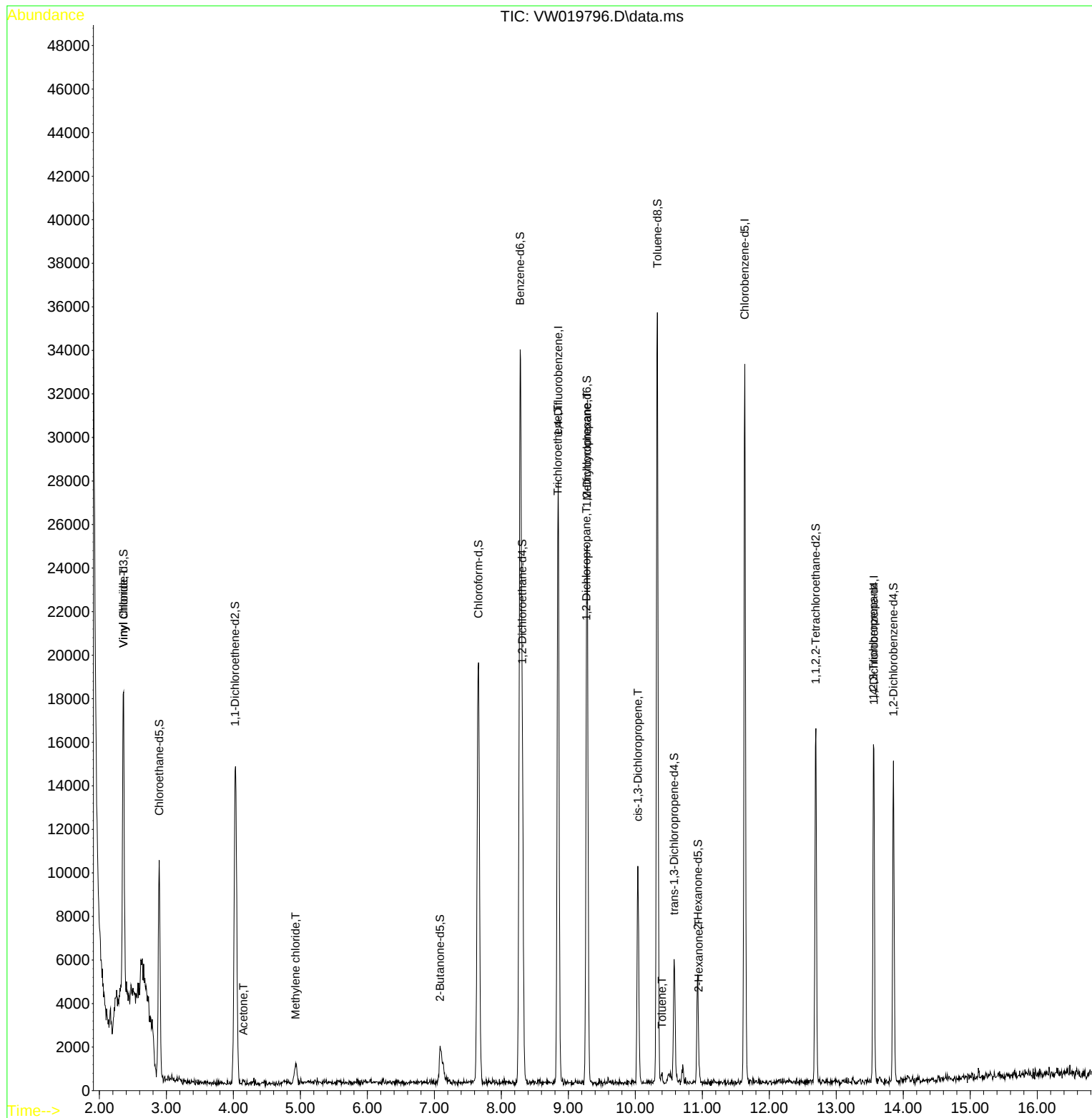
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	22527	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	17731	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4299	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	14563	41.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	166.880%#
7) Chloroethane-d5	2.891	69	10405	33.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.840%
11) 1,1-Dichloroethene-d2	4.025	63	14603	24.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.440%
21) 2-Butanone-d5	7.086	46	3164	44.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.260%
24) Chloroform-d	7.659	84	20269	32.717	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.880%
26) 1,2-Dichloroethane-d4	8.311	65	10901	32.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.600%#
32) Benzene-d6	8.281	84	34681	34.304	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.200%#
36) 1,2-Dichloropropane-d6	9.274	67	11747	38.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	153.480%#
41) Toluene-d8	10.329	98	23487	25.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	10.579	79	3461	27.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.440%
47) 2-Hexanone-d5	10.933	63	1552	36.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	8093	32.479	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.920%#
66) 1,2-Dichlorobenzene-d4	13.853	152	3664	24.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	119	0.292	ug/L #	1
13) Acetone	4.147	43	227	3.751	ug/L #	48
16) Methylene chloride	4.928	84	617	1.596	ug/L #	60
34) Trichloroethene	8.842	95	672	2.375	ug/L #	5
35) Methylcyclohexane	9.281	83	2799	5.768	ug/L #	19
37) 1,2-Dichloropropane	9.268	63	1288	4.779	ug/L #	85
39) cis-1,3-Dichloropropene	10.037	75	158	0.398	ug/L #	26
42) Toluene	10.396	91	437	0.379	ug/L	98
48) 2-Hexanone	10.945	43	314	3.147	ug/L #	39
61) 1,2,3-Trichloropropane	13.554	75	650	7.712	ug/L #	50

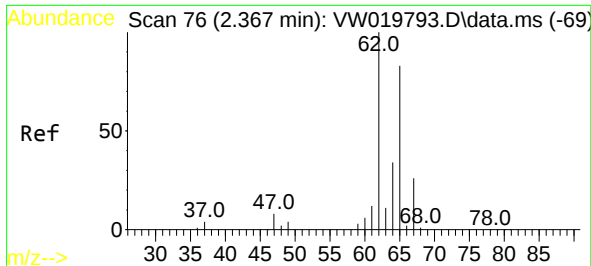
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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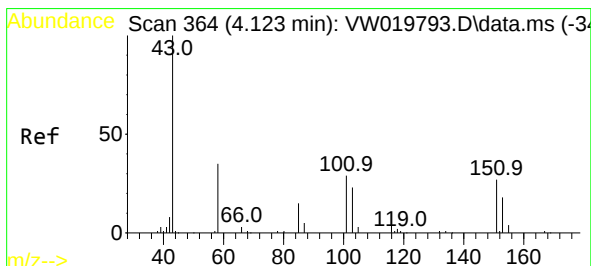
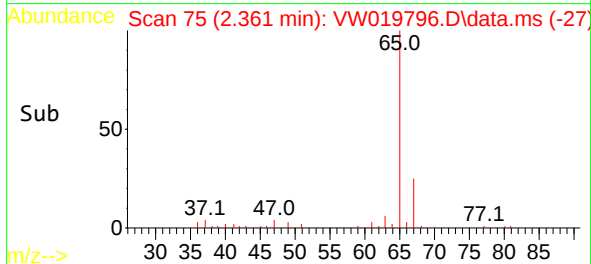
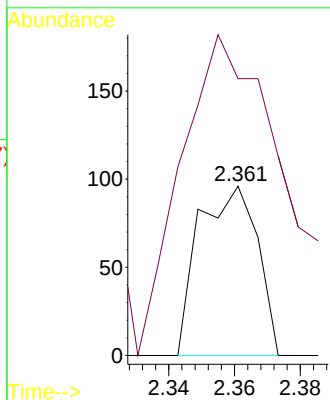
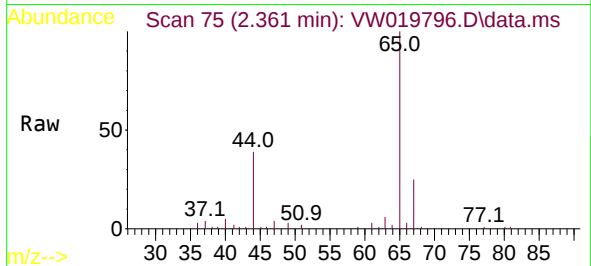




#5
Vinyl chloride
Concen: 0.292 ug/L
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

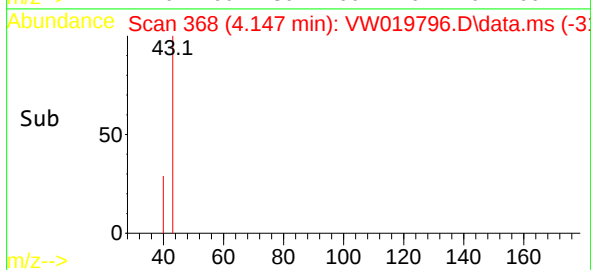
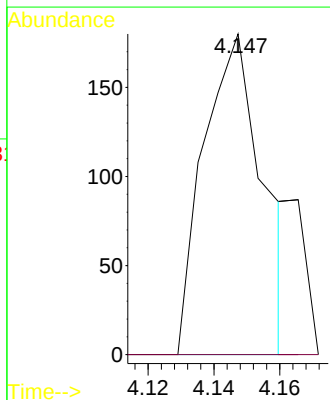
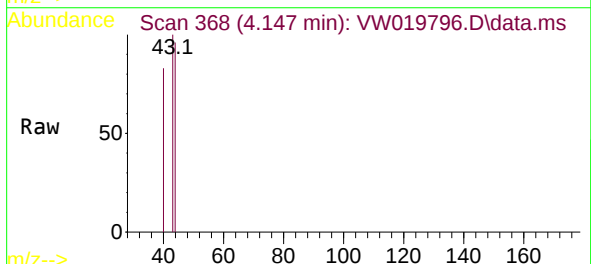
Instrument :
MSVOA_W
ClientSampled :

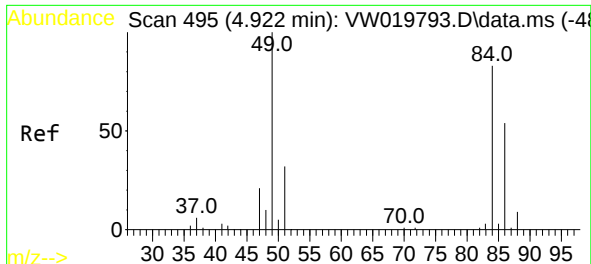
Tgt Ion: 62 Resp: 119
Ion Ratio Lower Upper
62 100
64 163.5 24.2 45.0#



#13
Acetone
Concen: 3.751 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 0.0 0.0 53.8

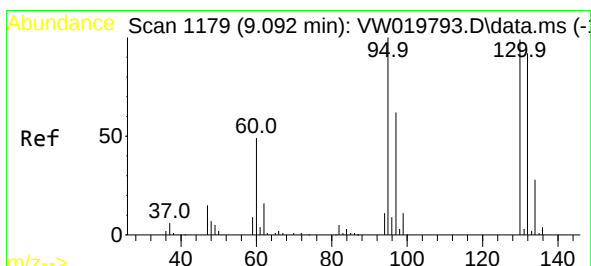
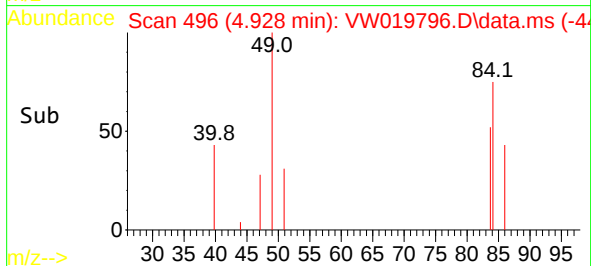
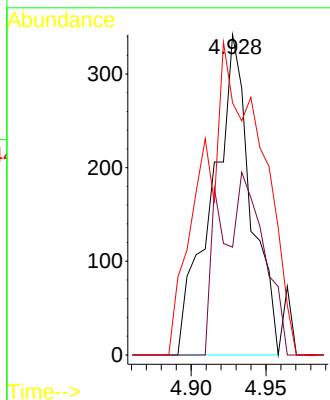
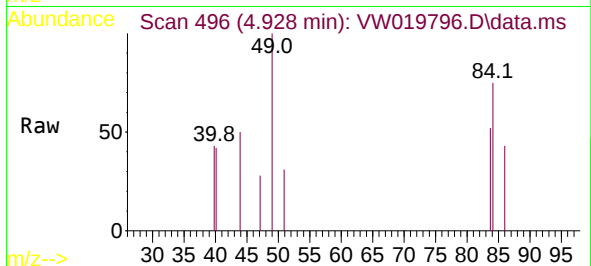




#16
Methylene chloride
Concen: 1.596 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

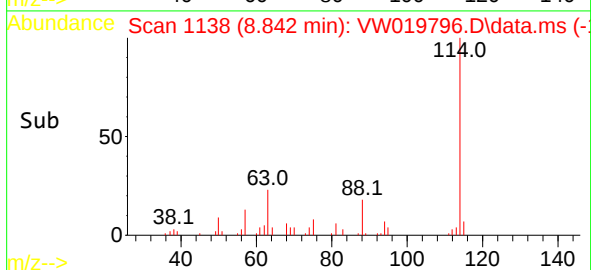
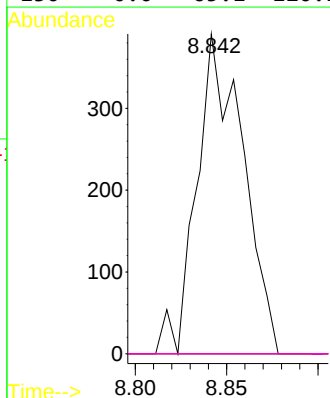
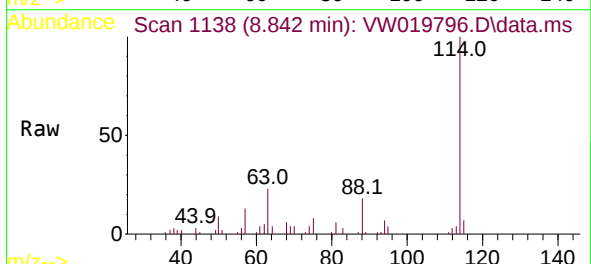
Instrument :
MSVOA_W
ClientSampled :

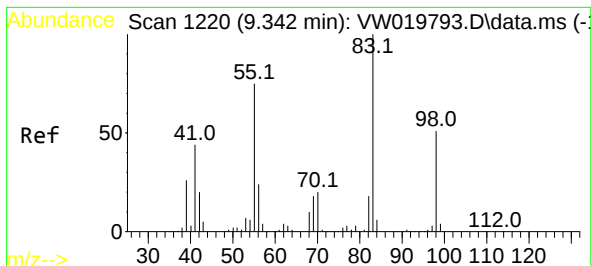
Tgt Ion: 84 Resp: 617
Ion Ratio Lower Upper
84 100
86 33.6 45.3 84.1#
49 78.7 86.6 160.8#



#34
Trichloroethene
Concen: 2.375 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Tgt Ion: 95 Resp: 672
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#

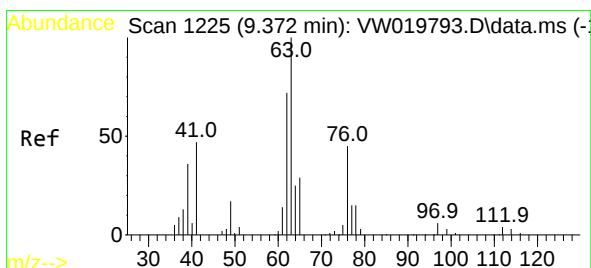
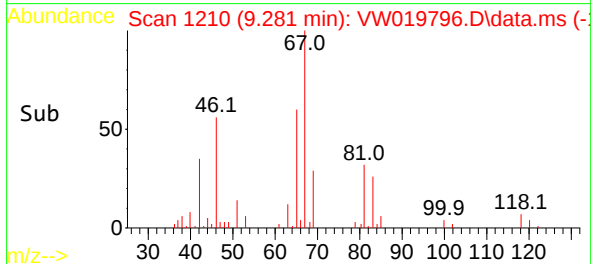
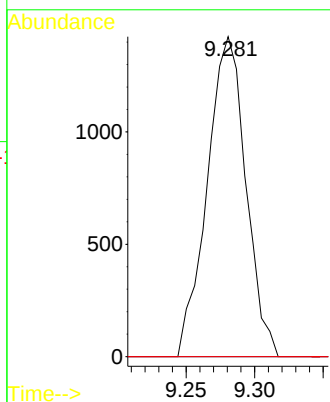
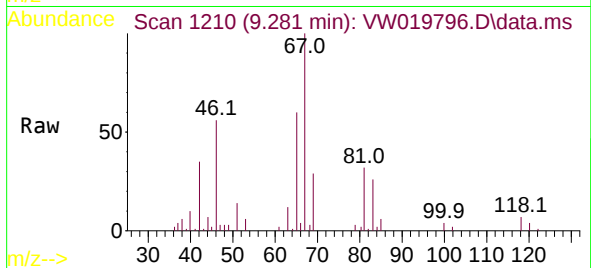




#35
Methylcyclohexane
Concen: 5.768 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.061 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

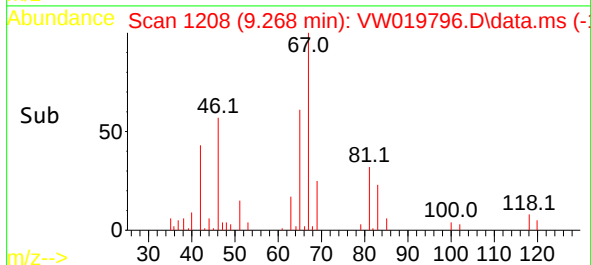
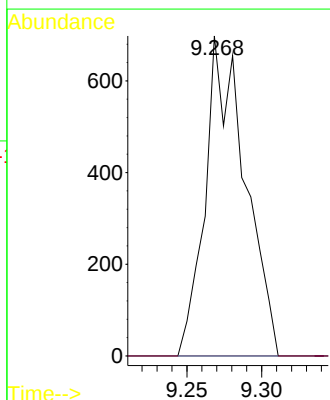
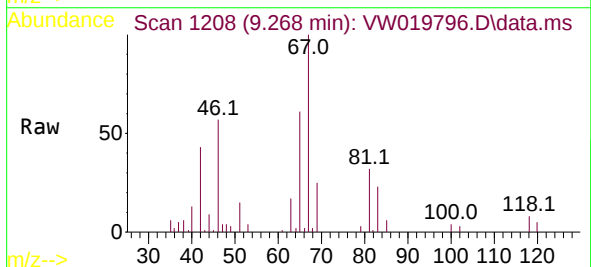
Instrument :
MSVOA_W
ClientSampled :

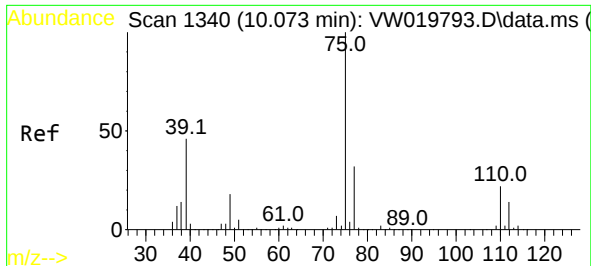
Tgt Ion: 83 Resp: 2799
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 4.779 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.104 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Tgt Ion: 63 Resp: 1288
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

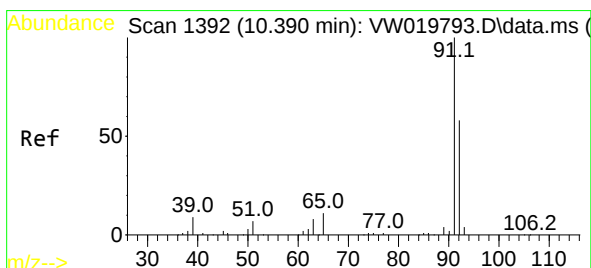
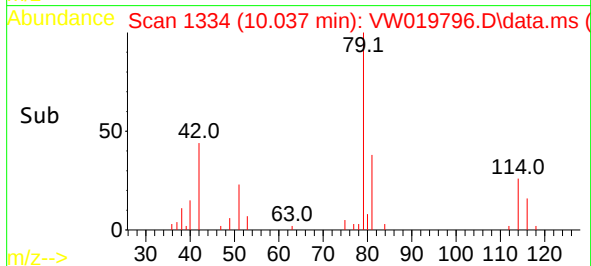
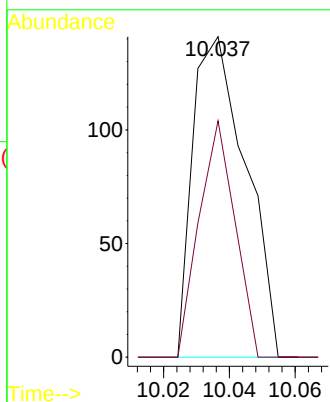
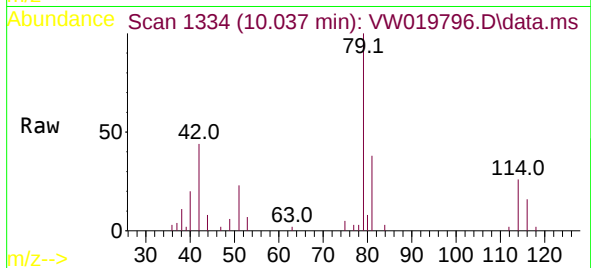




#39
cis-1,3-Dichloropropene
Concen: 0.398 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

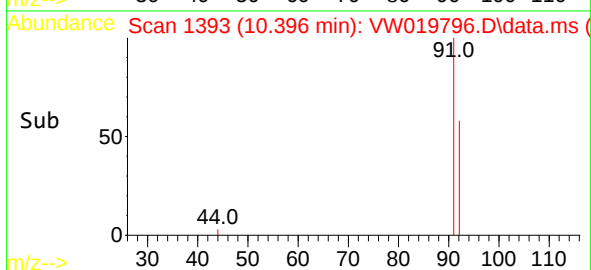
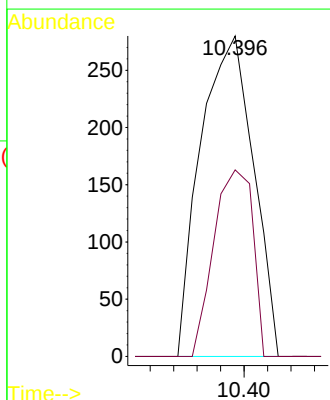
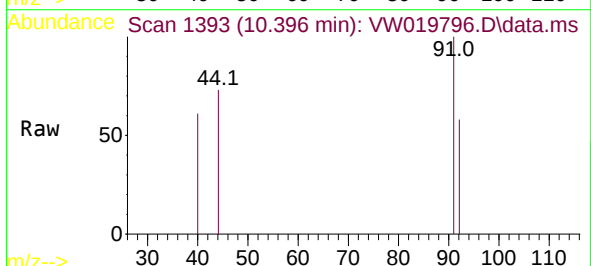
Instrument :
MSVOA_W
ClientSampled :

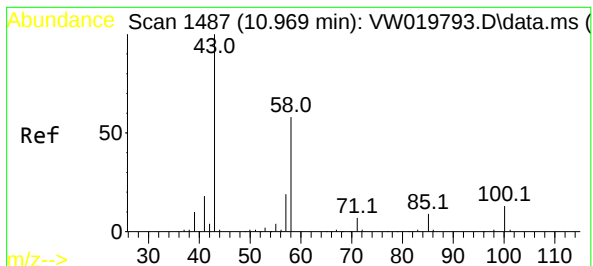
Tgt Ion: 75 Resp: 158
Ion Ratio Lower Upper
75 100
77 73.8 22.6 42.0#



#42
Toluene
Concen: 0.379 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Tgt Ion: 91 Resp: 437
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.3

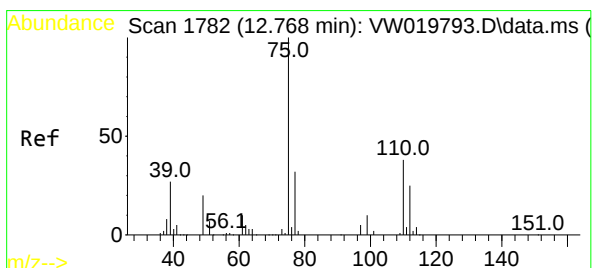
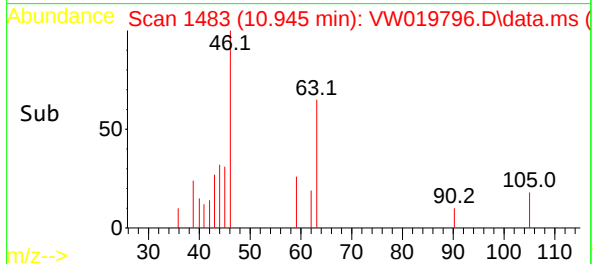
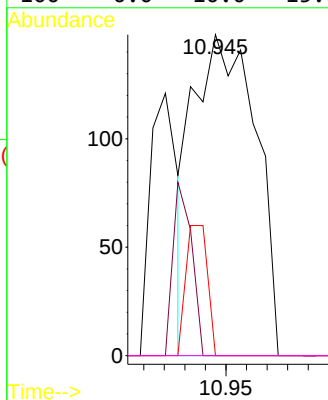
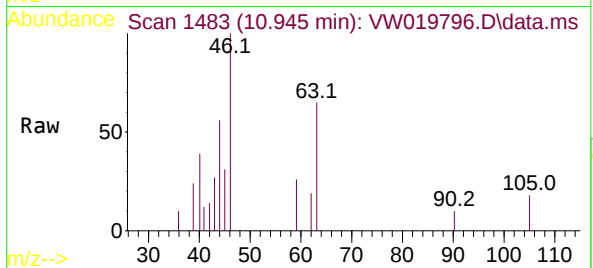




#48
2-Hexanone
Concen: 3.147 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.024 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	43	Resp:	314
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: 7.712 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019796.D
Acq: 19 Aug 2021 10:13

Tgt Ion:	75	Resp:	650
Ion	Ratio	Lower	Upper
75	100		
77	14.5	25.3	37.9#
110	0.0	32.6	48.8#

