

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019781.D
 Acq On : 18 Aug 2021 18:28
 Operator : SY/VA
 Sample : M3458-10
 Misc : 6.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 05:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

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

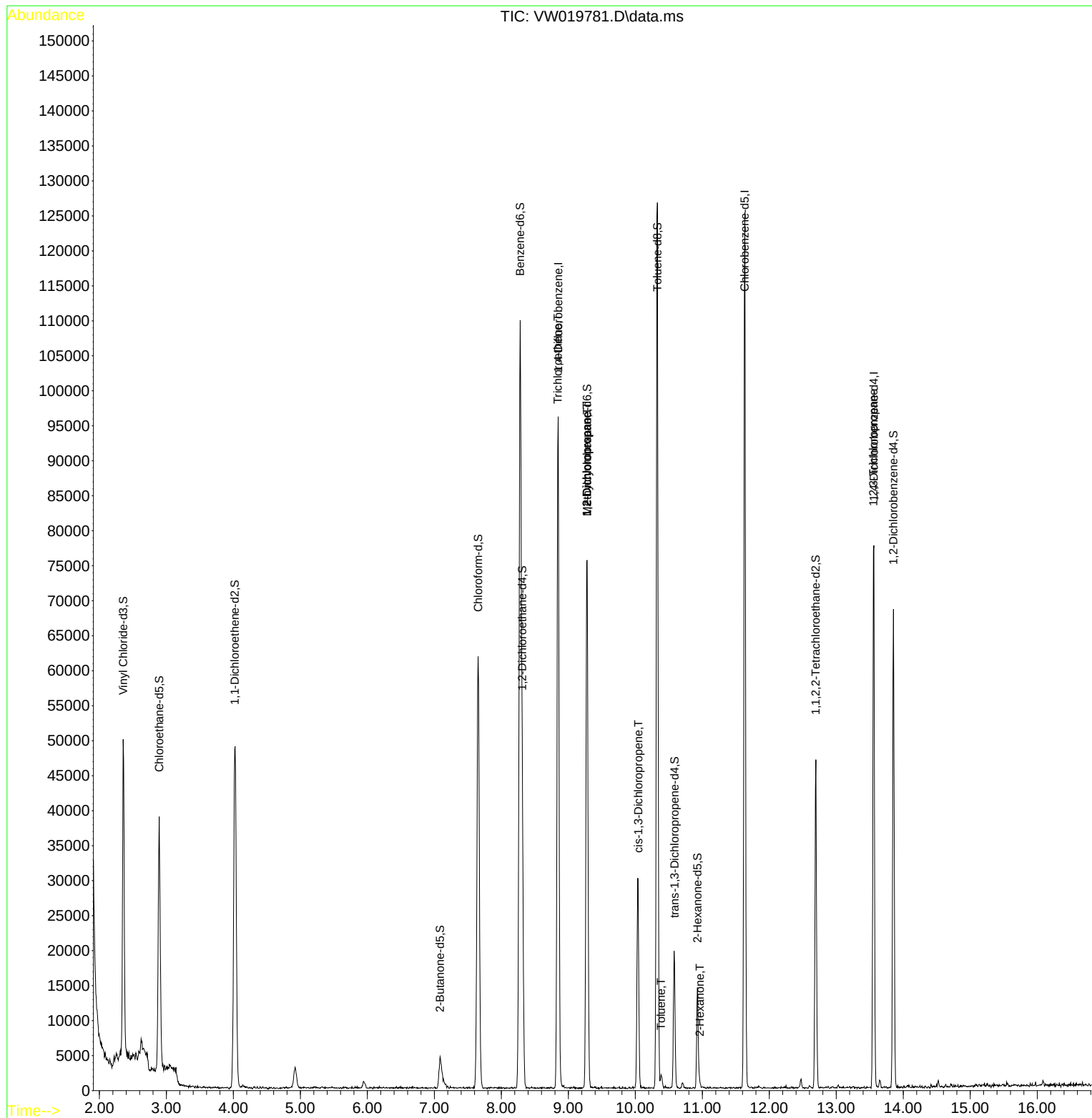
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	76569	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	67065	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	20046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45968	38.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	155.000%#
7) Chloroethane-d5	2.891	69	39927	38.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	153.360%#
11) 1,1-Dichloroethene-d2	4.019	63	47552	23.099	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.400%
21) 2-Butanone-d5	7.086	46	7641	31.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.420%
24) Chloroform-d	7.653	84	62049	29.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.880%
26) 1,2-Dichloroethane-d4	8.311	65	31300	27.582	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.320%
32) Benzene-d6	8.281	84	111409	29.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.560%
36) 1,2-Dichloropropane-d6	9.281	67	35715	30.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.360%#
41) Toluene-d8	10.329	98	83371	23.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	10.585	79	10387	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.927	63	4460	27.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.300%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	22559	23.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	16726	24.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						Qvalue
34) Trichloroethene	8.842	95	2415	2.257	ug/L #	5
35) Methylcyclohexane	9.281	83	8728	4.755	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	4186	4.106	ug/L #	85
39) cis-1,3-Dichloropropene	10.043	75	910	0.606	ug/L	96
42) Toluene	10.384	91	1415	0.325	ug/L	91
48) 2-Hexanone	10.963	43	348	0.922	ug/L #	39
61) 1,2,3-Trichloropropane	13.554	75	2694	6.854	ug/L #	60

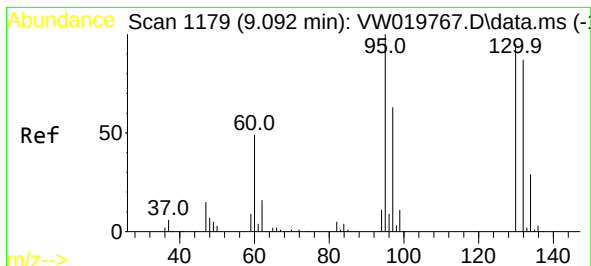
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

Quant Time: Aug 19 05:18:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 19 05:14:25 2021
Response via : Initial Calibration

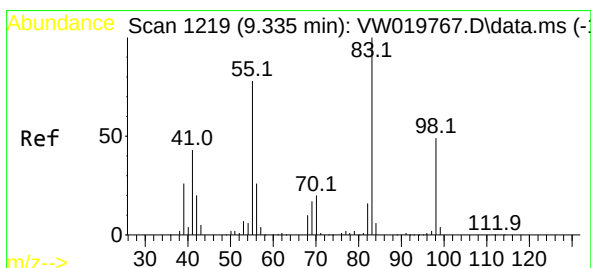
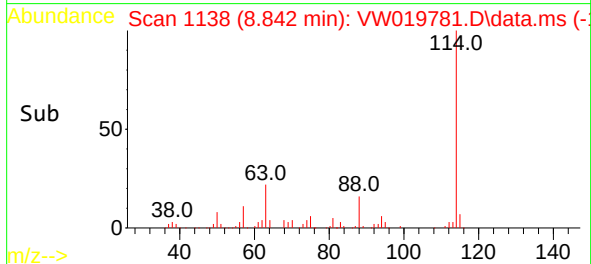
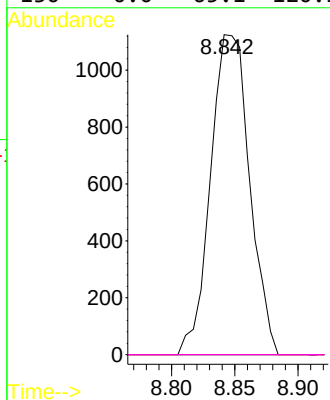
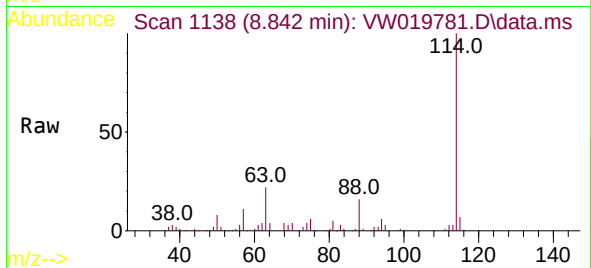




#34
Trichloroethene
Concen: 2.257 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

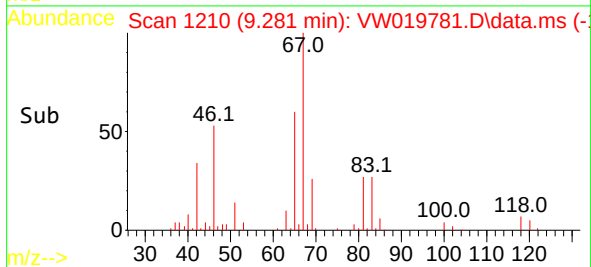
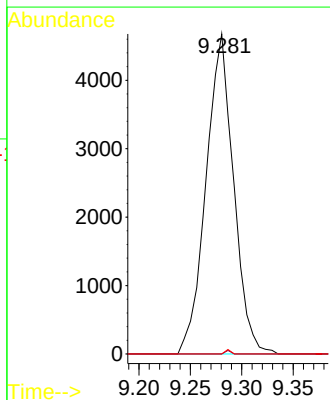
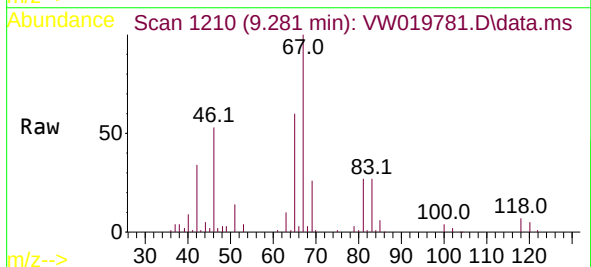
Instrument :
MSVOA_W
ClientSampled :

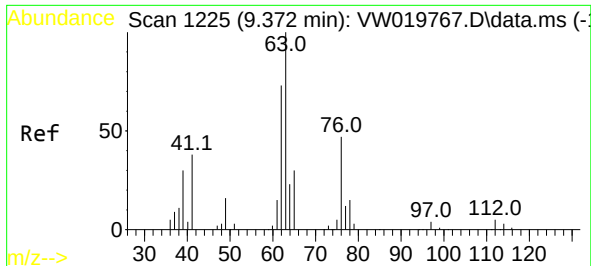
Tgt Ion:	95	Resp:	2415
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
Methylcyclohexane
Concen: 4.755 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

Tgt Ion:	83	Resp:	8728
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	0.0	40.1	60.1#

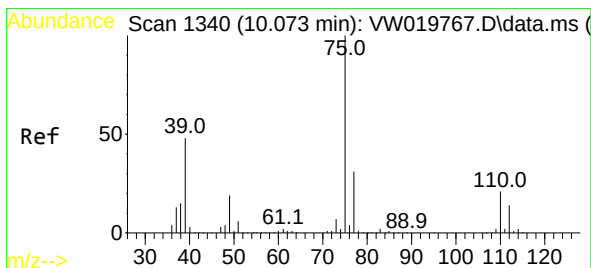
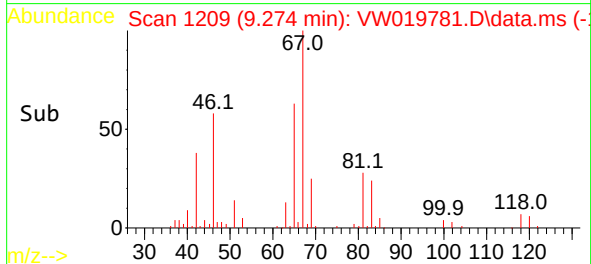
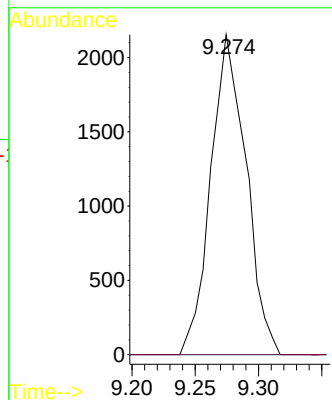
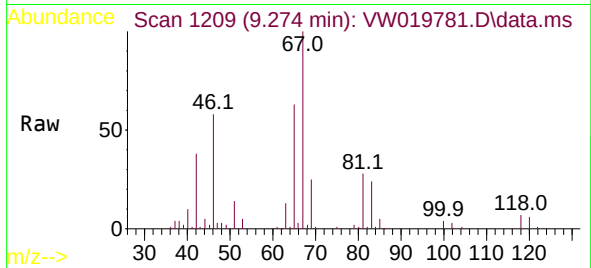




#37
1,2-Dichloropropane
Concen: 4.106 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

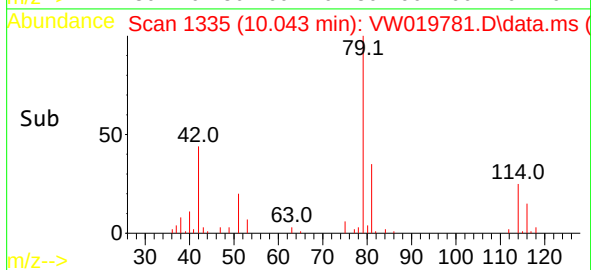
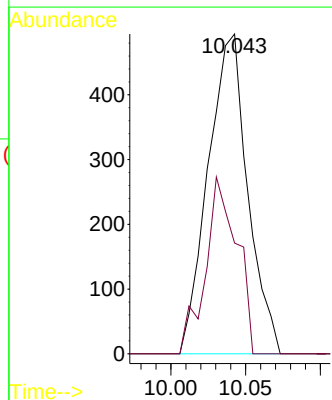
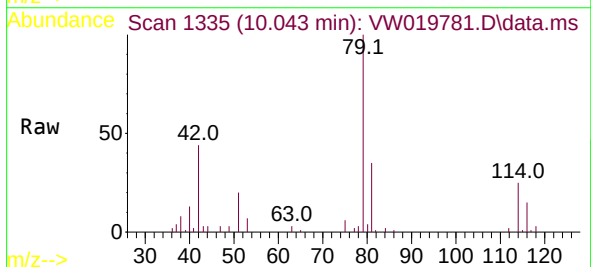
Instrument :
MSVOA_W
ClientSampled :

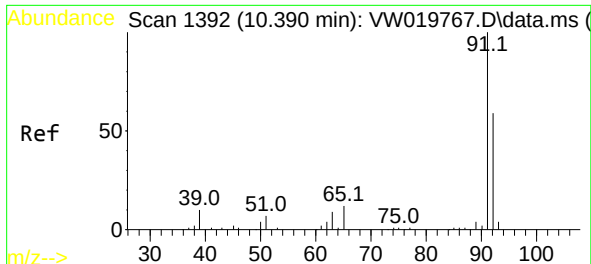
Tgt Ion: 63 Resp: 4186
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.606 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 34.6 22.6 42.0

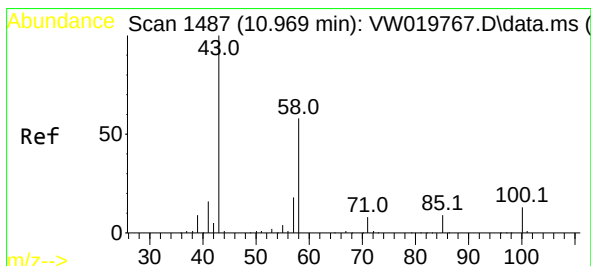
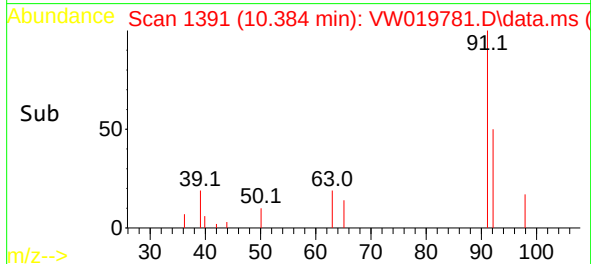
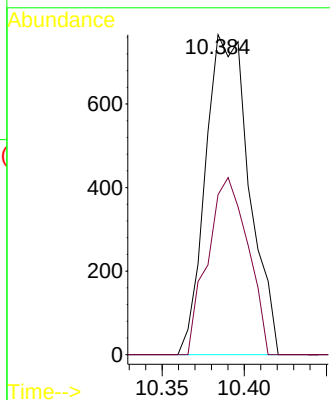
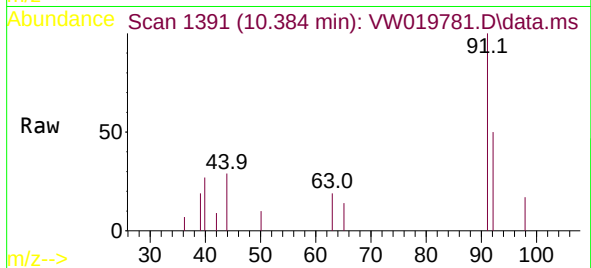




#42
Toluene
Concen: 0.325 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

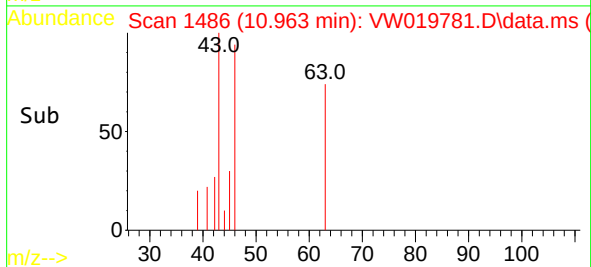
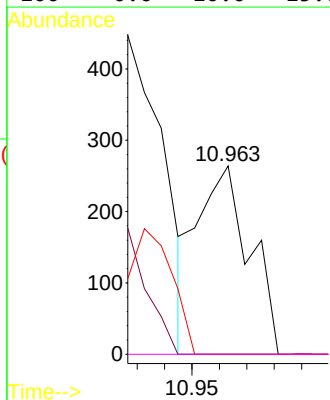
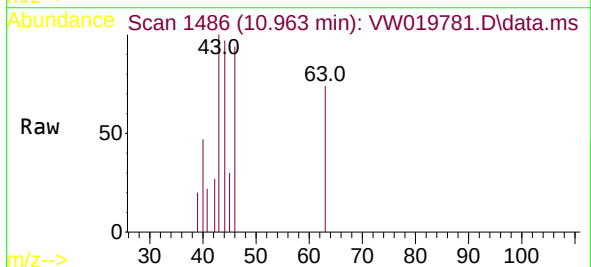
Instrument :
MSVOA_W
ClientSampled :

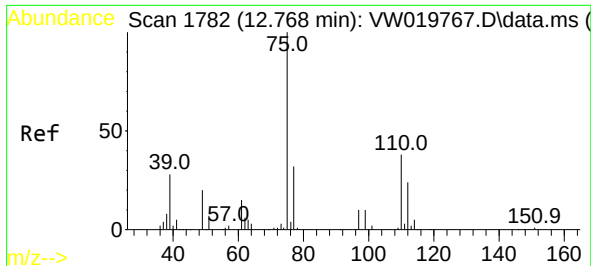
Tgt Ion: 91 Resp: 1415
Ion Ratio Lower Upper
91 100
92 50.0 39.5 73.3



#48
2-Hexanone
Concen: 0.922 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

Tgt Ion: 43 Resp: 348
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: 6.854 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019781.D
Acq: 18 Aug 2021 18:28

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2694
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9
110 0.0 32.6 48.8#

