

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019807.D
 Acq On : 19 Aug 2021 14:38
 Operator : SY/VA
 Sample : M3458-14RE
 Misc : 6.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:45:42 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)

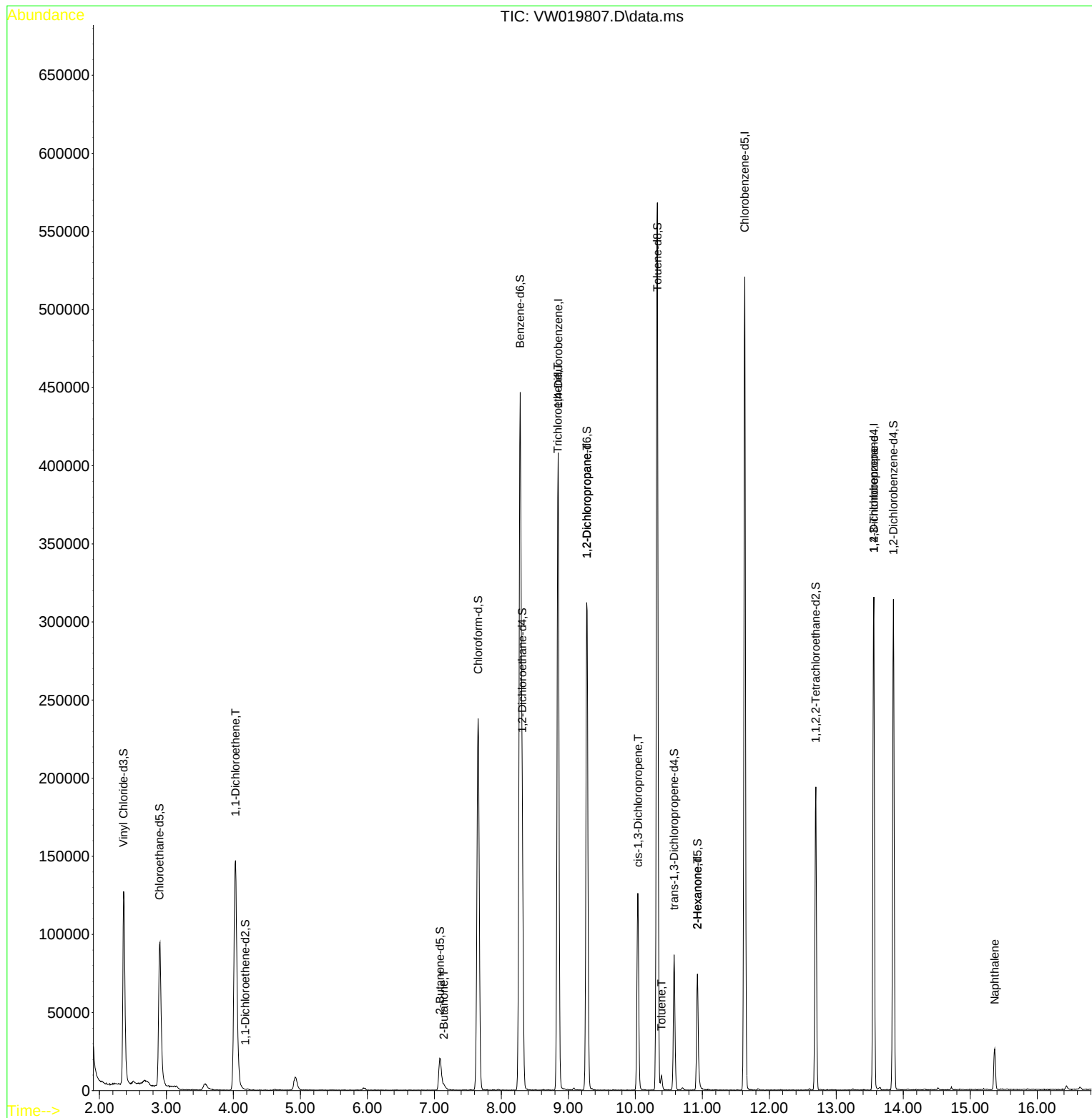
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	327390	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	275975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	83179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	160182	31.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.320%
7) Chloroethane-d5	2.898	69	132916	29.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.400%
11) 1,1-Dichloroethene-d2	4.178	63	117	0.013	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.086	46	33836	32.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.680%
24) Chloroform-d	7.653	84	241289	26.799	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	8.311	65	129671	26.725	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.880%
32) Benzene-d6	8.281	84	442754	28.137	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.560%
36) 1,2-Dichloropropane-d6	9.275	67	142687	29.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.760%
41) Toluene-d8	10.329	98	371939	25.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.160%
43) trans-1,3-Dichloroprop...	10.579	79	46395	23.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.927	63	22921	34.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.060%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	92324	23.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	78029	27.348	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	1426	0.322	ug/L #	1
22) 2-Butanone	7.141	43	4133	3.626	ug/L #	45
34) Trichloroethene	8.842	95	9904	2.249	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	16230	3.869	ug/L #	87
39) cis-1,3-Dichloropropene	10.043	75	3361	0.544	ug/L #	64
42) Toluene	10.390	91	5869	0.327	ug/L	98
48) 2-Hexanone	10.927	43	4761	3.066	ug/L #	61
61) 1,2,3-Trichloropropane	13.560	75	10697	6.559	ug/L #	62
71) Naphthalene	15.365	128	22390	4.220	ug/L	99

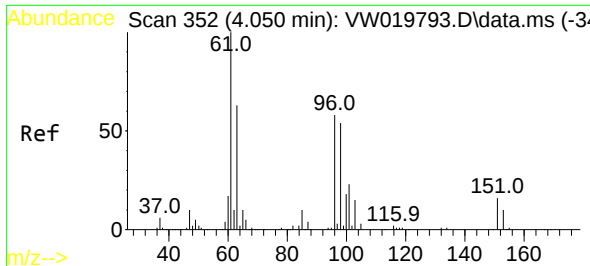
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 00:45:42 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





#12

1,1-Dichloroethene

Concen: 0.322 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.018 min

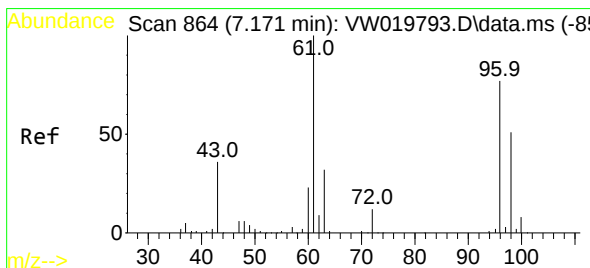
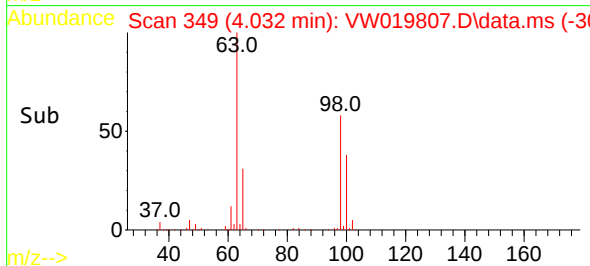
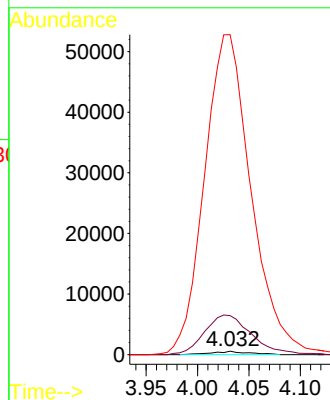
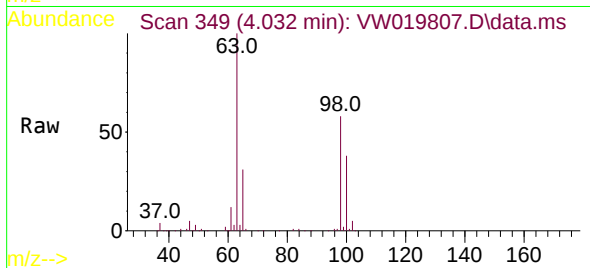
Lab File: VW019807.D

Acq: 19 Aug 2021 14:38

Tgt Ion: 96 Resp: 1426

Ion	Ratio	Lower	Upper
96	100		
61	1093.6	118.1	219.3#
63	8947.8	83.7	155.5#

Instrument :
MSVOA_W
ClientSampleId :



#22

2-Butanone

Concen: 3.626 ug/L

RT: 7.141 min Scan# 859

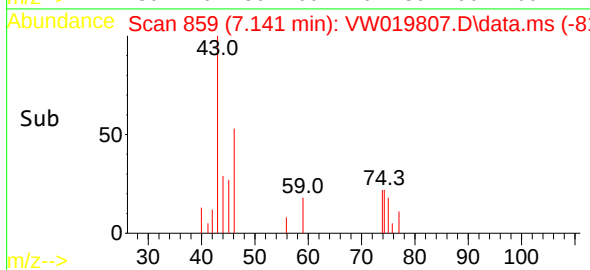
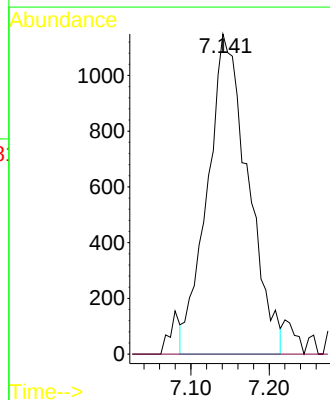
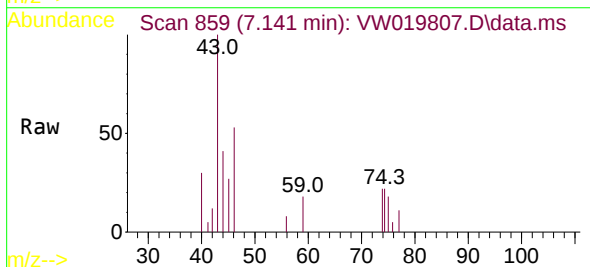
Delta R.T. -0.030 min

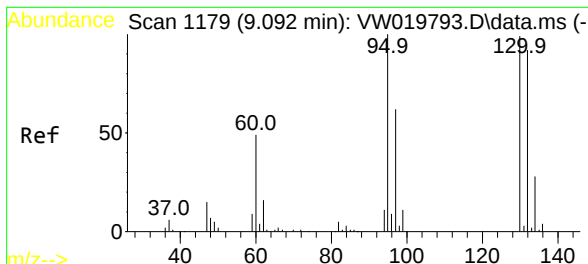
Lab File: VW019807.D

Acq: 19 Aug 2021 14:38

Tgt Ion: 43 Resp: 4133

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.9	44.7#



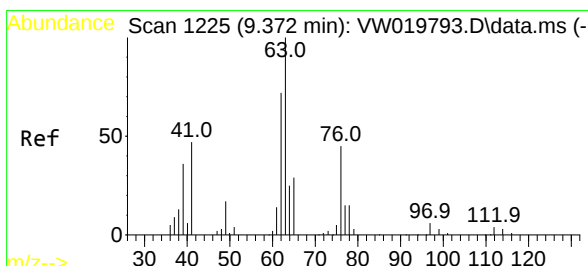
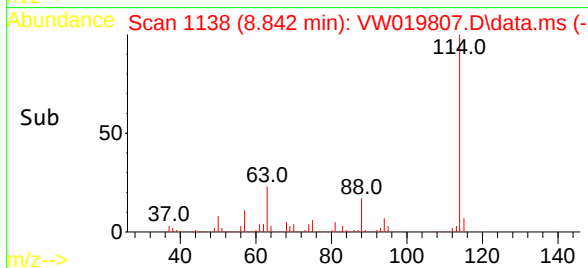
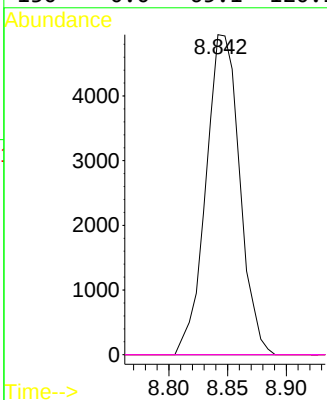
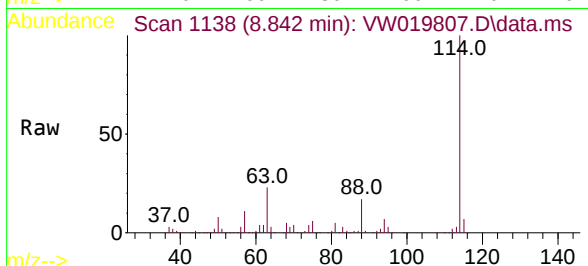


#34
Trichloroethene
Concen: 2.249 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 9904

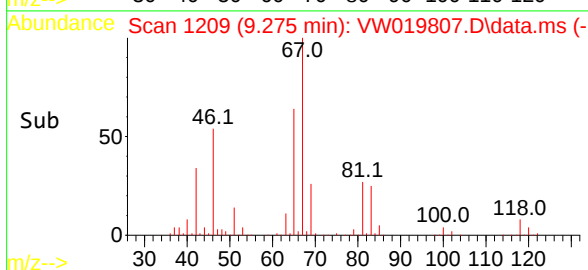
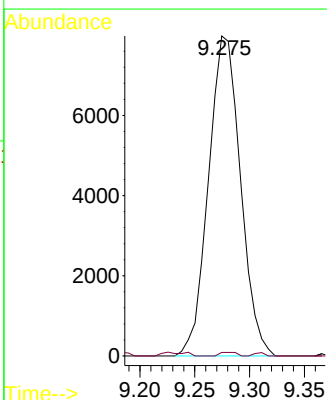
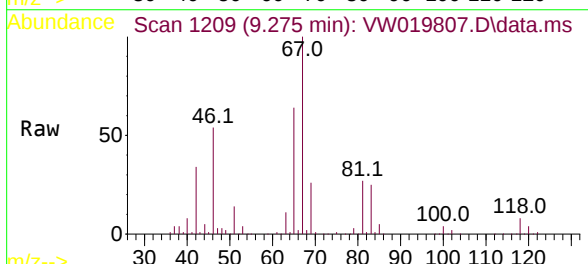
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#

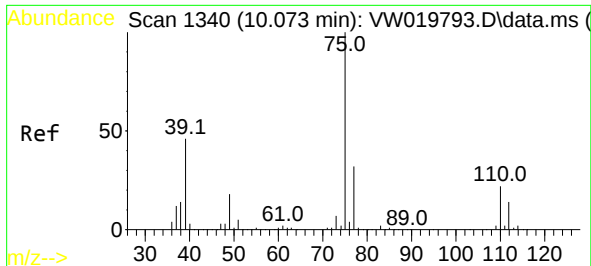


#37
1,2-Dichloropropane
Concen: 3.869 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

Tgt Ion: 63 Resp: 16230

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.9	5.9#

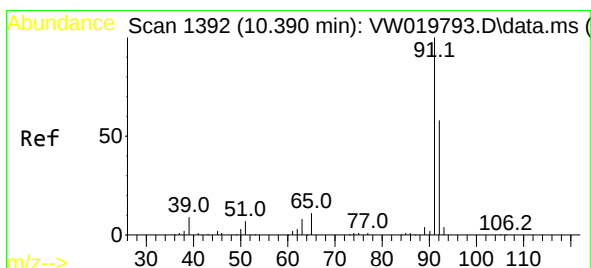
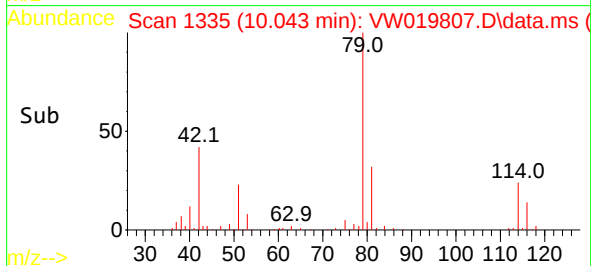
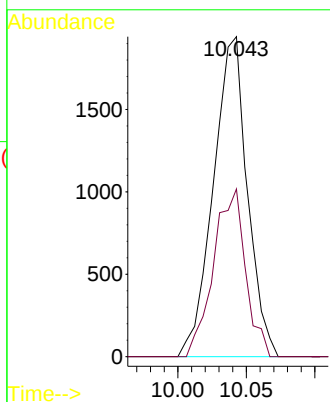
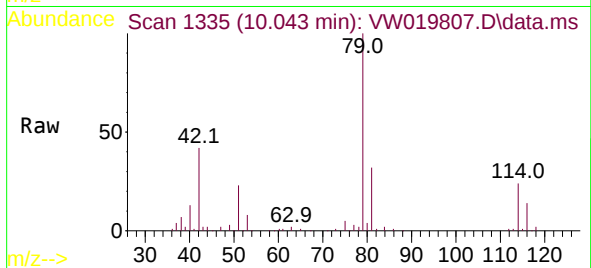




#39
cis-1,3-Dichloropropene
Concen: 0.544 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

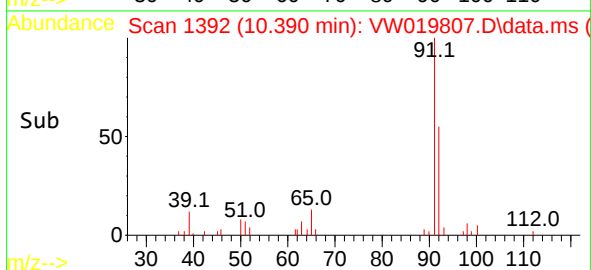
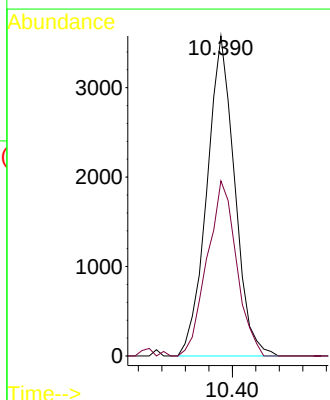
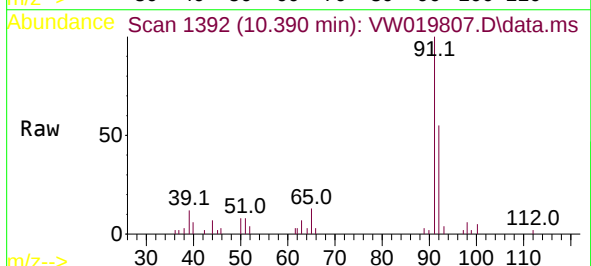
Instrument :
MSVOA_W
ClientSampled :

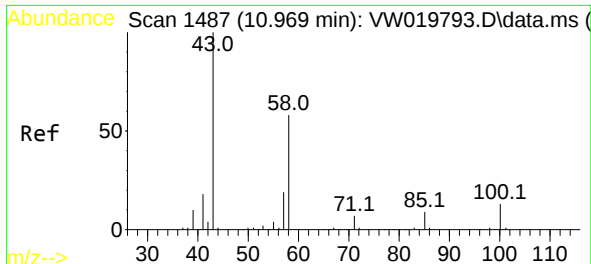
Tgt Ion: 75 Resp: 3361
Ion Ratio Lower Upper
75 100
77 52.4 22.6 42.0#



#42
Toluene
Concen: 0.327 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

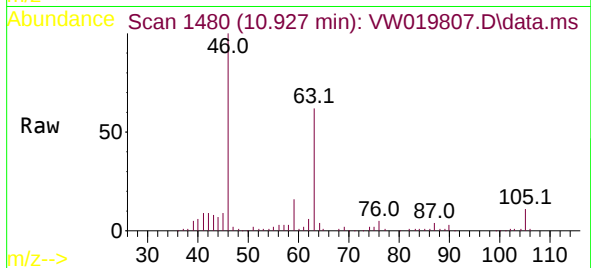
Tgt Ion: 91 Resp: 5869
Ion Ratio Lower Upper
91 100
92 54.7 39.5 73.3



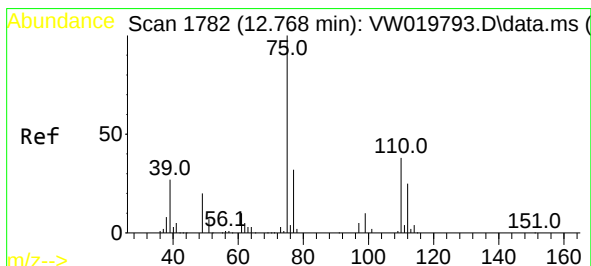
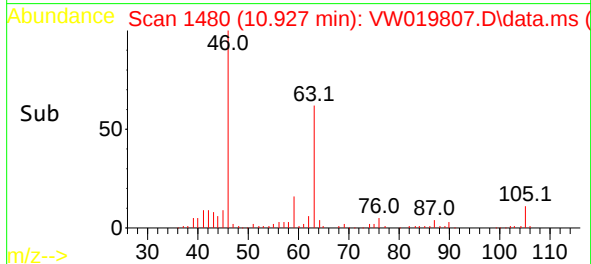
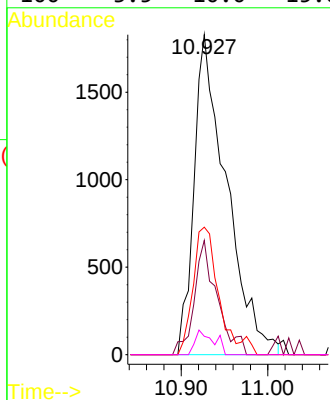


#48
2-Hexanone
Concen: 3.066 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

Instrument :
MSVOA_W
ClientSampled :

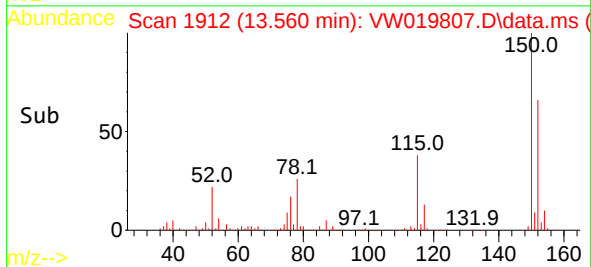
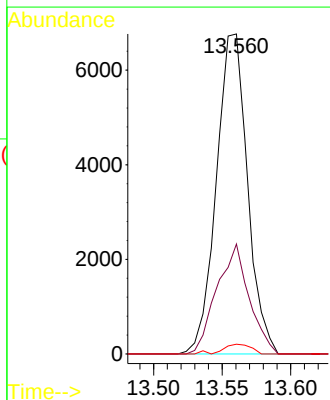
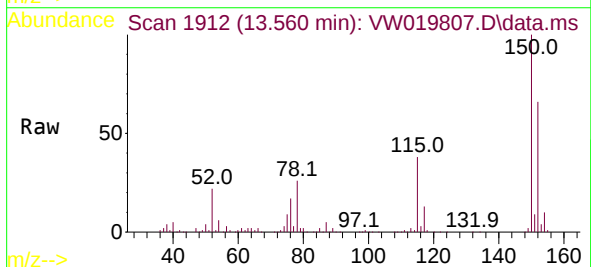


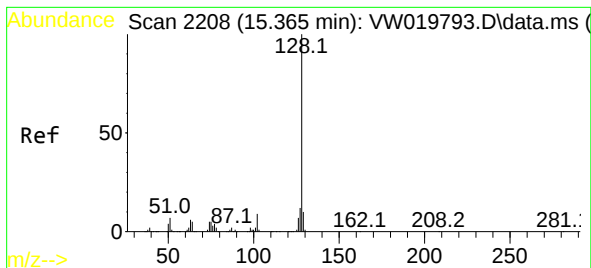
Tgt Ion: 43 Resp: 4761
Ion Ratio Lower Upper
43 100
58 18.4 42.7 64.1#
57 30.0 15.8 23.8#
100 3.5 10.0 15.0#



#61
1,2,3-Trichloropropane
Concen: 6.559 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

Tgt Ion: 75 Resp: 10697
Ion Ratio Lower Upper
75 100
77 35.6 25.3 37.9
110 2.5 32.6 48.8#





#71
Naphthalene
Concen: 4.220 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019807.D
Acq: 19 Aug 2021 14:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 22390
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 9.0 13.6

