

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019827.D
 Acq On : 20 Aug 2021 12:33
 Operator : SY/VA
 Sample : M3486-03
 Misc : 8.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:35:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

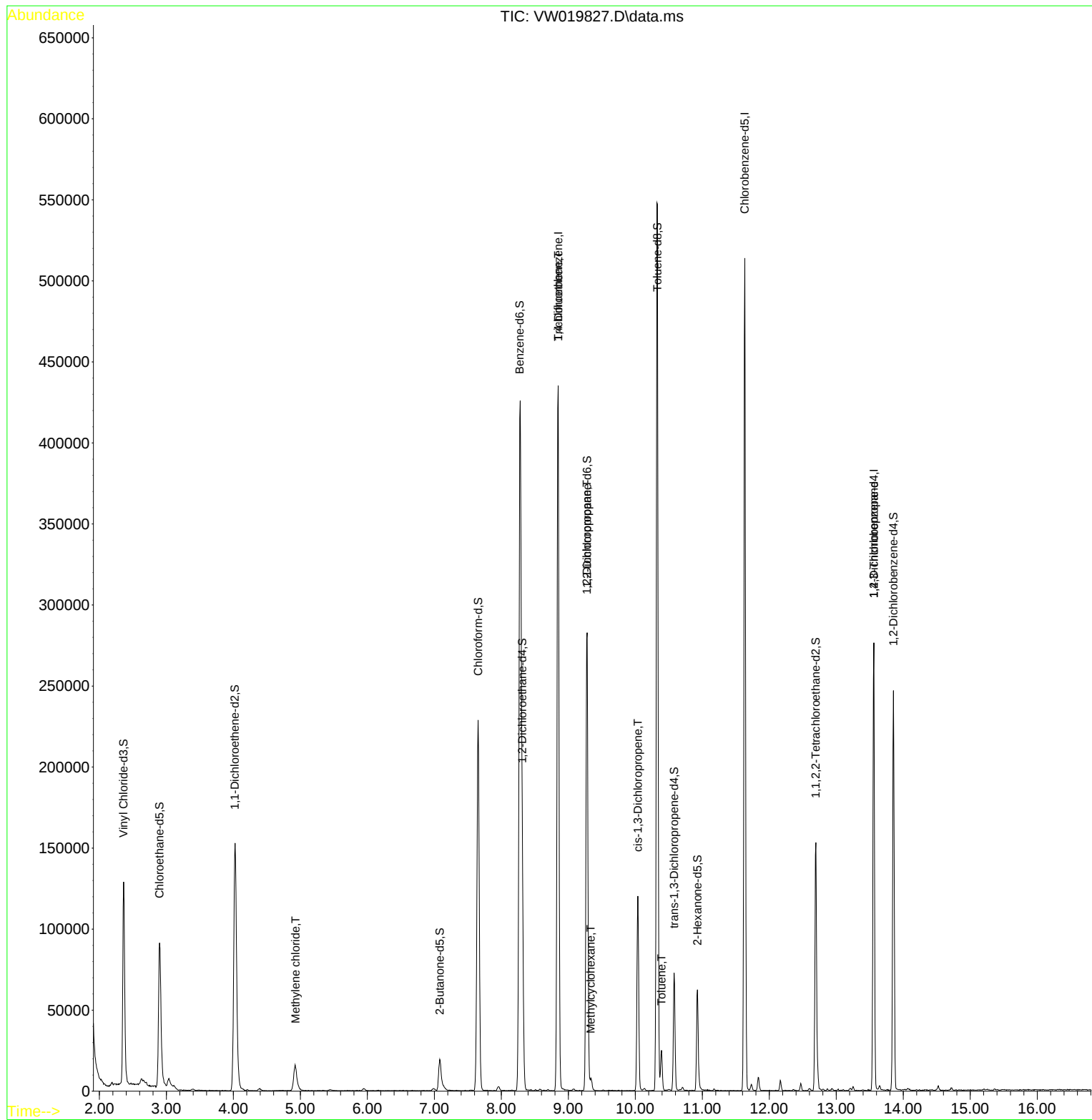
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	352861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	274848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	148004	27.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.280%
7) Chloroethane-d5	2.898	69	124391	25.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.680%
11) 1,1-Dichloroethene-d2	4.019	63	162193	17.097	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.400%
21) 2-Butanone-d5	7.080	46	31255	28.145	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.280%
24) Chloroform-d	7.653	84	226019	23.291	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	8.311	65	109314	20.903	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	8.275	84	434349	27.716	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.880%
36) 1,2-Dichloropropane-d6	9.281	67	131977	27.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.240%
41) Toluene-d8	10.329	98	359271	25.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.080%
43) trans-1,3-Dichloroprop...	10.579	79	39701	20.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.927	63	19529	29.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.080%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	76396	19.779	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	62137	27.540	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.160%
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	12485	2.062	ug/L	91
34) Trichloroethene	8.848	95	11046	2.519	ug/L #	5
35) Methylcyclohexane	9.335	83	2729	0.363	ug/L	97
37) 1,2-Dichloropropane	9.274	63	15417	3.690	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	3308	0.538	ug/L #	72
42) Toluene	10.390	91	17220	0.964	ug/L	91
61) 1,2,3-Trichloropropane	13.560	75	9375	7.270	ug/L #	61

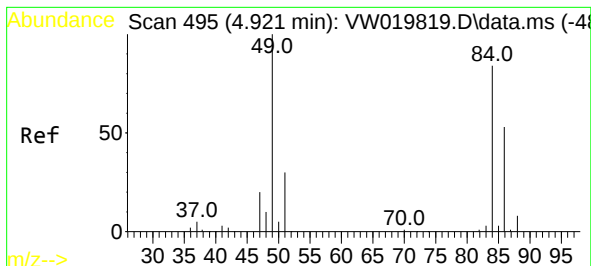
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.062 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

Lab File: VW019827.D

Acq: 20 Aug 2021 12:33

Instrument :

MSVOA_W

ClientSampled :

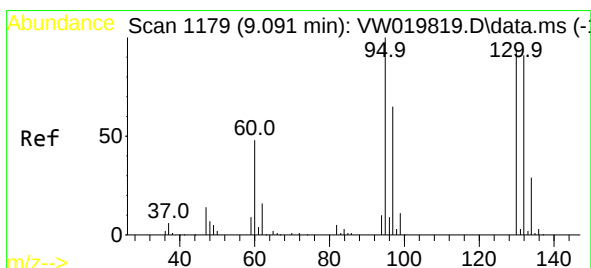
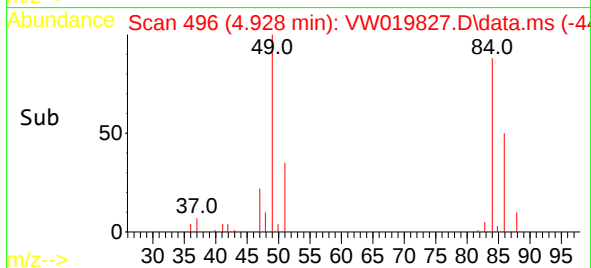
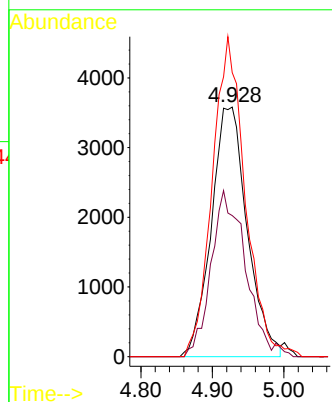
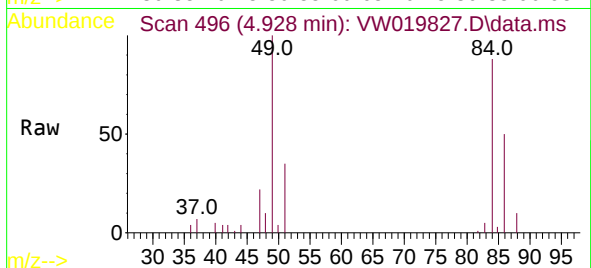
Tgt Ion: 84 Resp: 12485

Ion Ratio Lower Upper

84 100

86 56.5 45.3 84.1

49 113.9 86.6 160.8



#34

Trichloroethene

Concen: 2.519 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW019827.D

Acq: 20 Aug 2021 12:33

Tgt Ion: 95 Resp: 11046

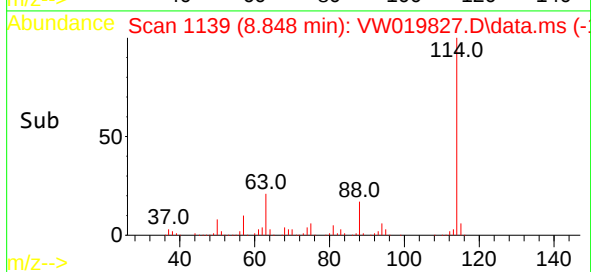
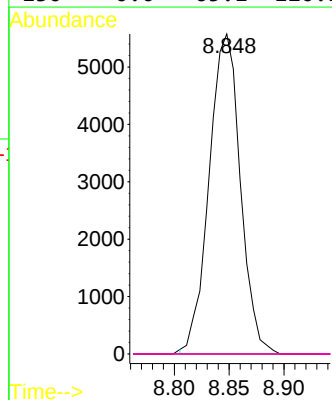
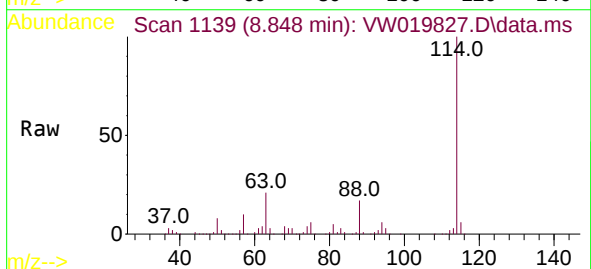
Ion Ratio Lower Upper

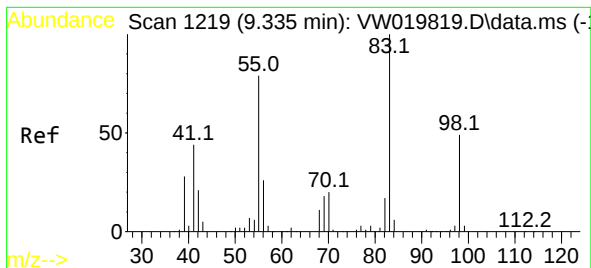
95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#

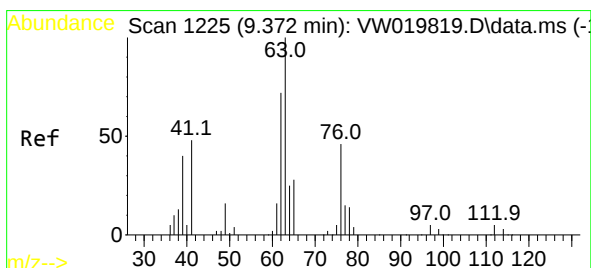
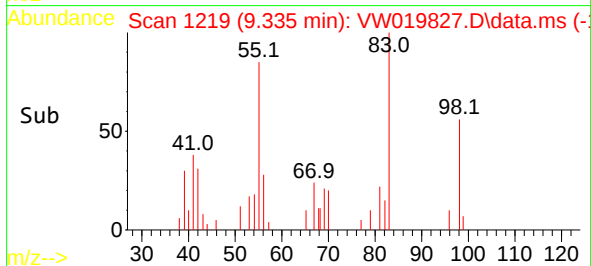
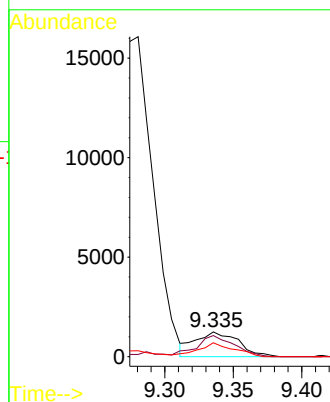
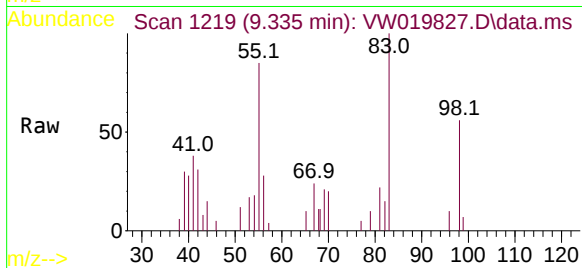




#35
Methylcyclohexane
Concen: 0.363 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019827.D
Acq: 20 Aug 2021 12:33

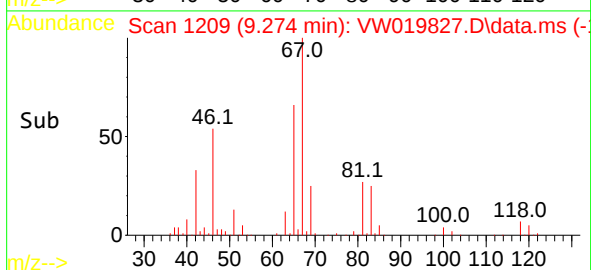
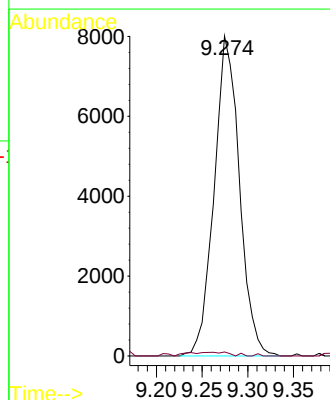
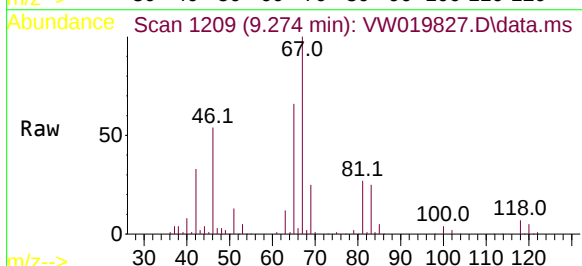
Instrument :
MSVOA_W
ClientSampled :

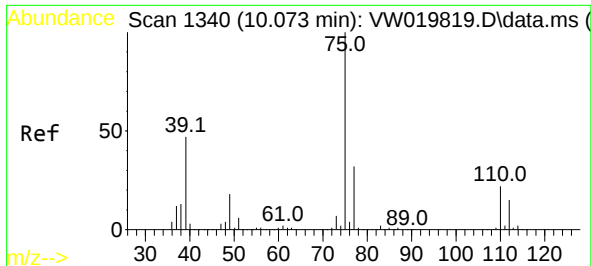
Tgt Ion: 83 Resp: 2729
Ion Ratio Lower Upper
83 100
55 74.0 58.9 88.3
98 46.0 40.1 60.1



#37
1,2-Dichloropropane
Concen: 3.690 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019827.D
Acq: 20 Aug 2021 12:33

Tgt Ion: 63 Resp: 15417
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

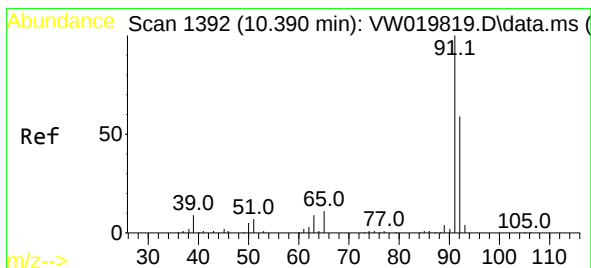
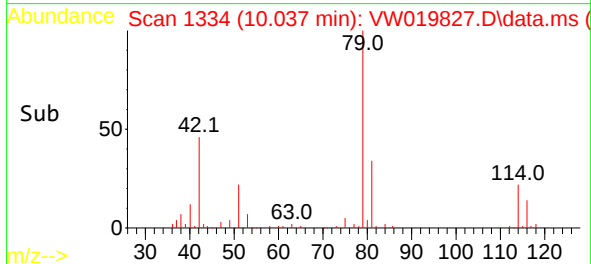
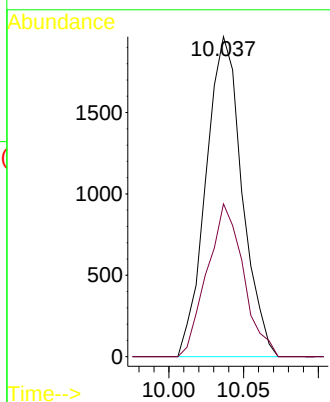
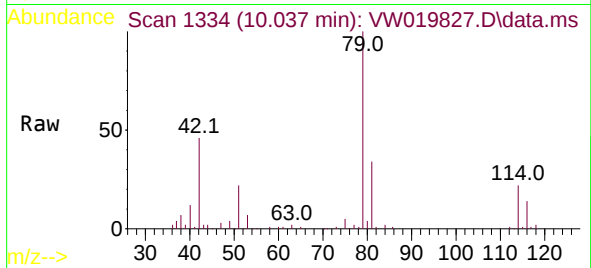




#39
cis-1,3-Dichloropropene
Concen: 0.538 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019827.D
Acq: 20 Aug 2021 12:33

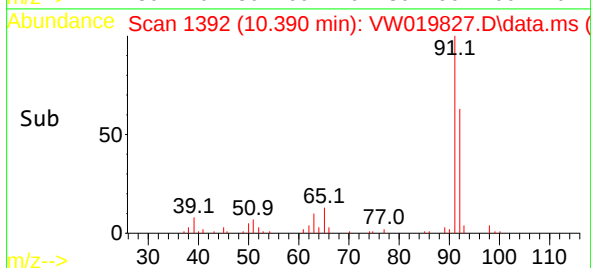
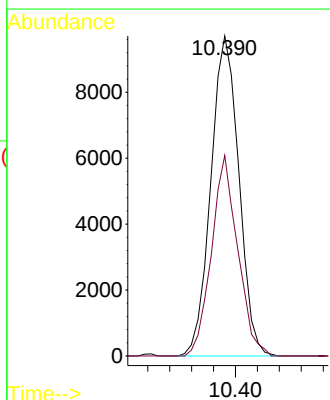
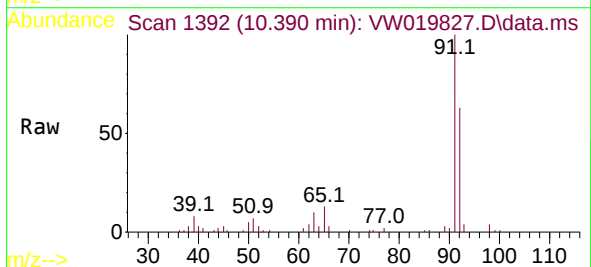
Instrument :
MSVOA_W
ClientSampled :

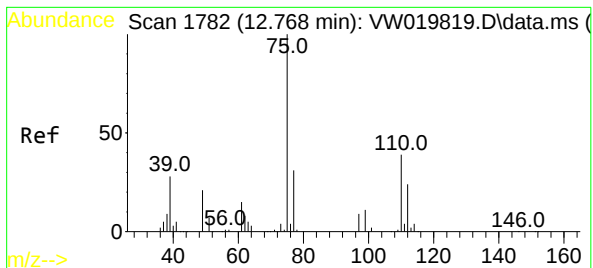
Tgt Ion: 75 Resp: 3308
Ion Ratio Lower Upper
75 100
77 47.8 22.6 42.0#



#42
Toluene
Concen: 0.964 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019827.D
Acq: 20 Aug 2021 12:33

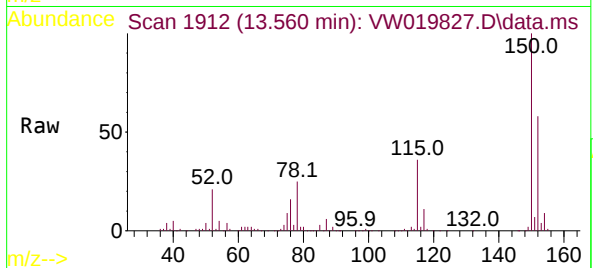
Tgt Ion: 91 Resp: 17220
Ion Ratio Lower Upper
91 100
92 62.6 39.5 73.3





#61
 1,2,3-Trichloropropane
 Concen: 7.270 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW019827.D
 Acq: 20 Aug 2021 12:33

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	9375
Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.3	37.9
110	2.3	32.6	48.8#

