

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019683.D
 Acq On : 05 Aug 2021 15:14
 Operator : SY/VA
 Sample : M3264-04
 Misc : 6.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 06 01:39:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

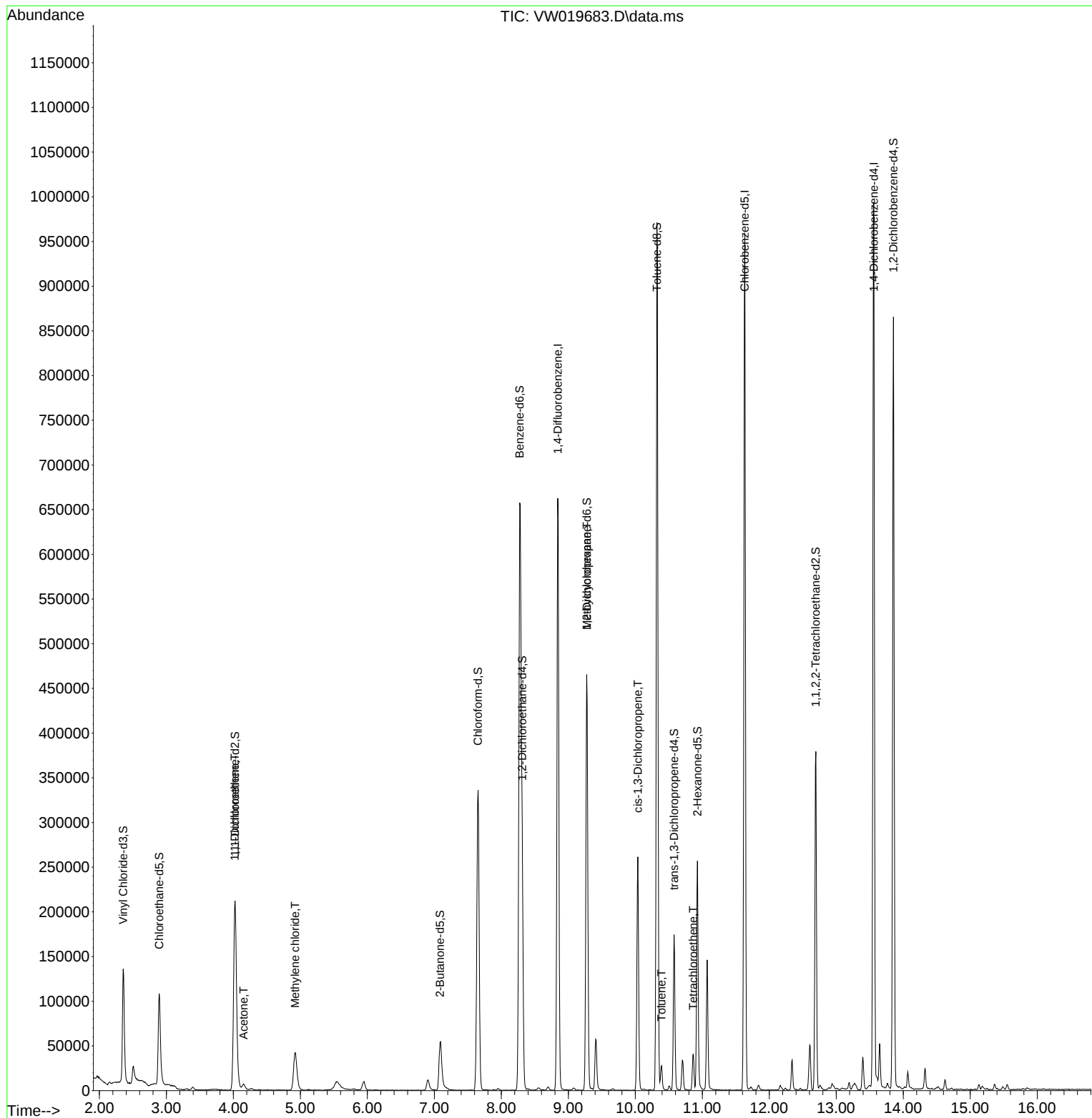
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	535586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	511989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	259803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147750	19.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
7) Chloroethane-d5	2.891	69	130730	24.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	4.025	63	236845	16.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.720%
21) 2-Butanone-d5	7.086	46	96520	43.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.640%
24) Chloroform-d	7.653	84	341749	23.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.311	65	209717	25.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.280%
32) Benzene-d6	8.275	84	682668	22.400	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	9.274	67	213823	22.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	10.323	98	629395	22.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.579	79	94369	23.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.927	63	84837	48.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	187838	24.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	216082	23.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	1893	0.271	ug/L #	1
13) Acetone	4.153	43	12589	7.757	ug/L	84
16) Methylene chloride	4.922	84	36957	3.461	ug/L	97
35) Methylcyclohexane	9.274	83	52265	3.611	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	6951	0.560	ug/L #	72
42) Toluene	10.390	91	19548	0.585	ug/L	95
46) Tetrachloroethene	10.866	164	8826	1.416	ug/L	95

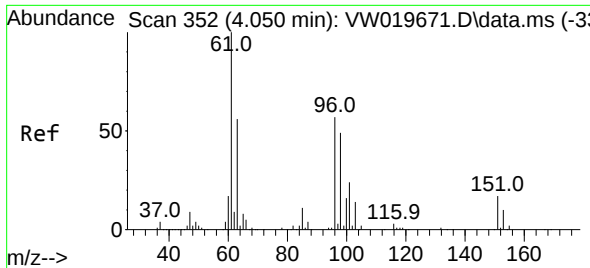
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 06 01:39:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 06 01:35:48 2021
Response via : Initial Calibration

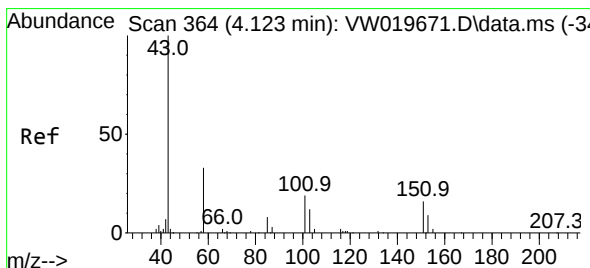
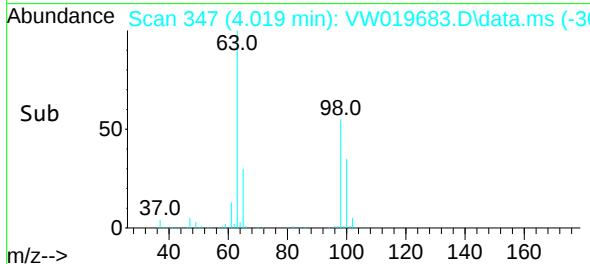
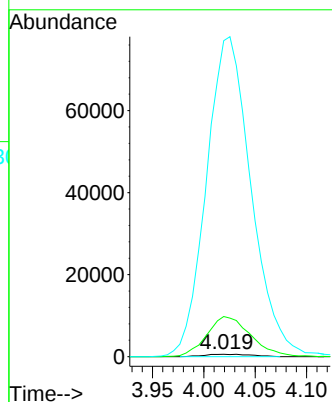
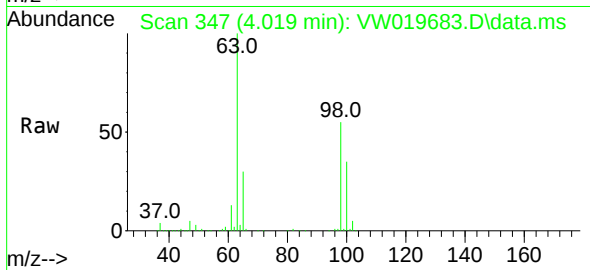




#12
1,1-Dichloroethene
Concen: 0.271 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.030 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14

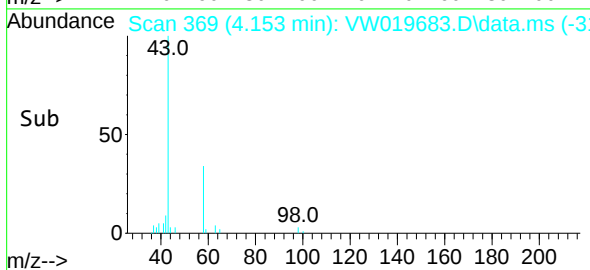
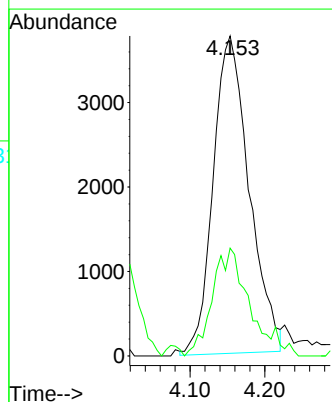
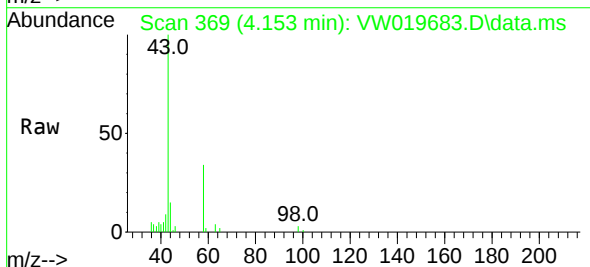
Instrument :
MSVOA_W
ClientSampled :

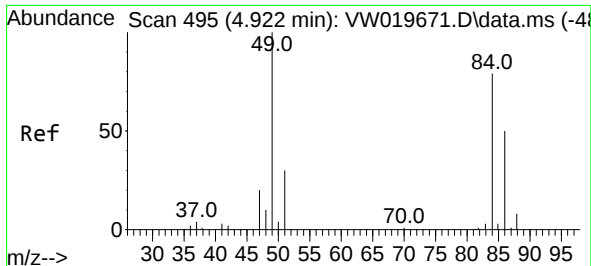
Tgt Ion: 96 Resp: 1893
Ion Ratio Lower Upper
96 100
61 1637.1 118.1 219.3#
63 12880.3 83.7 155.5#



#13
Acetone
Concen: 7.757 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.031 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14

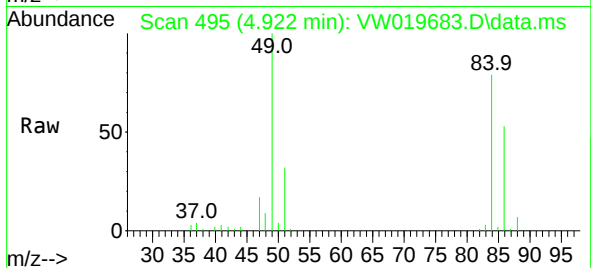
Tgt Ion: 43 Resp: 12589
Ion Ratio Lower Upper
43 100
58 18.6 0.0 53.8



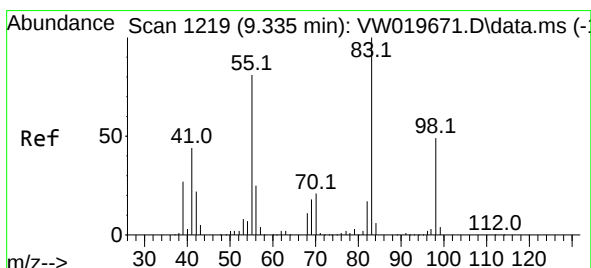
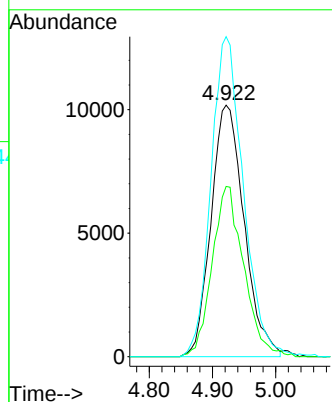
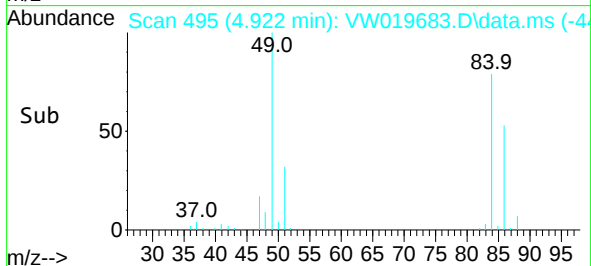


#16
Methylene chloride
Concen: 3.461 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14

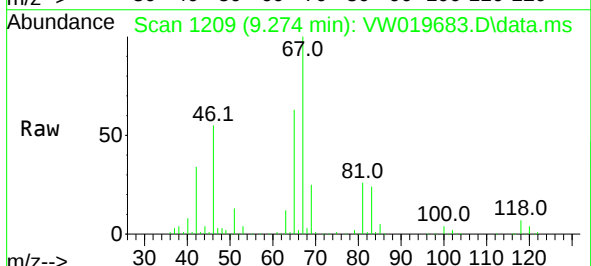
Instrument :
MSVOA_W
ClientSampled :



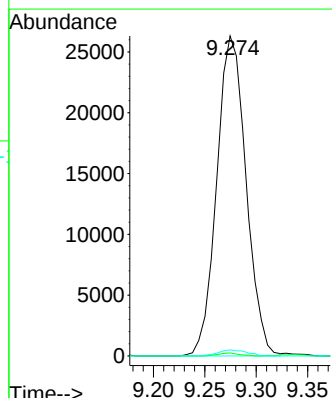
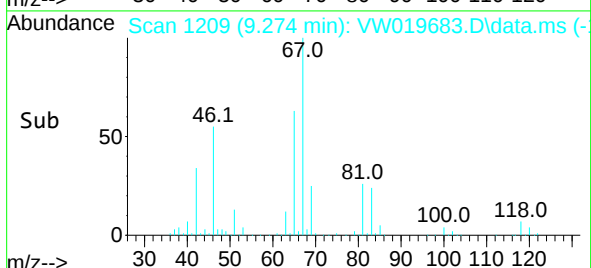
Tgt Ion: 84 Resp: 36957
Ion Ratio Lower Upper
84 100
86 67.7 45.3 84.1
49 127.2 86.6 160.8

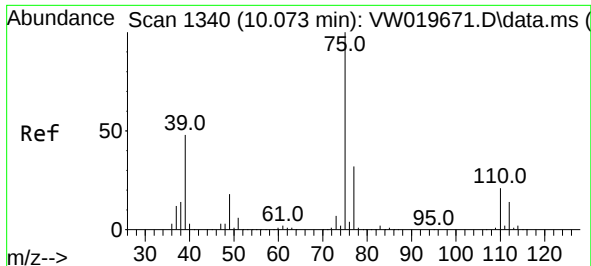


#35
Methylcyclohexane
Concen: 3.611 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14



Tgt Ion: 83 Resp: 52265
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.8 40.1 60.1#

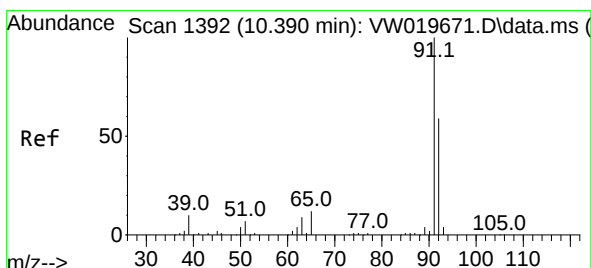
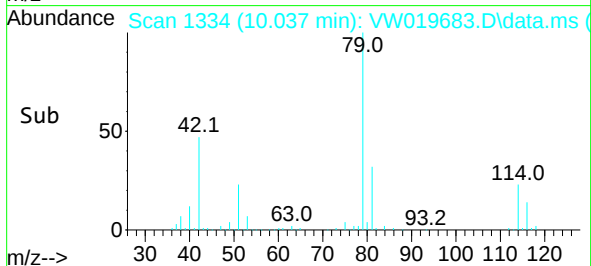
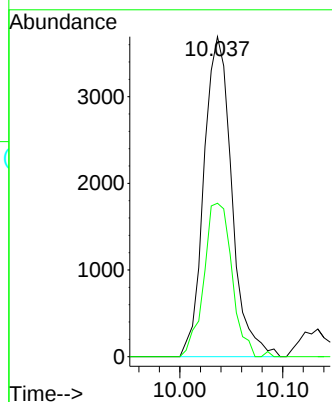
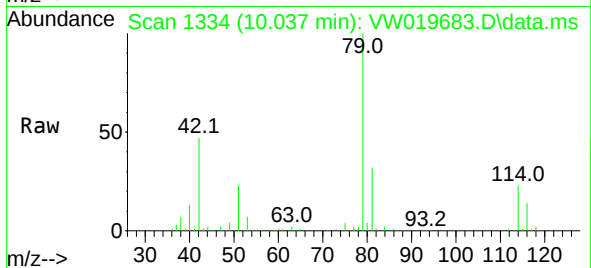




#39
cis-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14

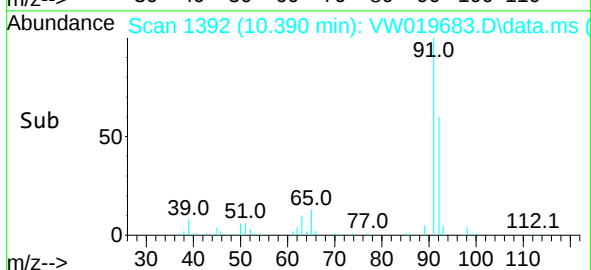
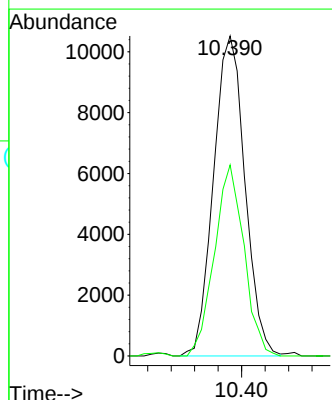
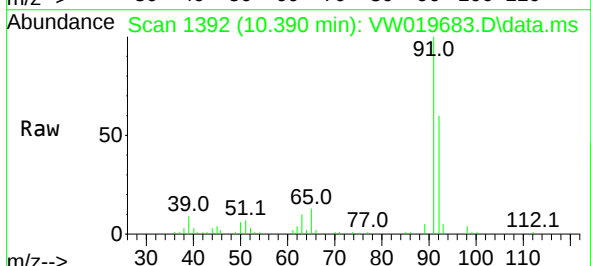
Instrument :
MSVOA_W
ClientSampled :

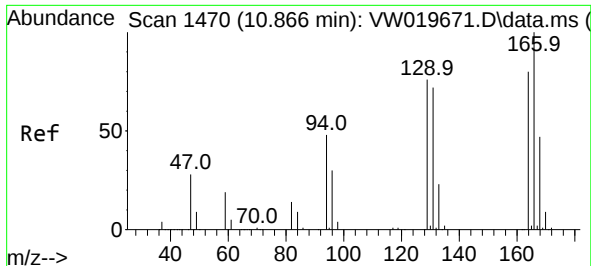
Tgt Ion: 75 Resp: 6951
Ion Ratio Lower Upper
75 100
77 48.0 22.6 42.0#



#42
Toluene
Concen: 0.585 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019683.D
Acq: 05 Aug 2021 15:14

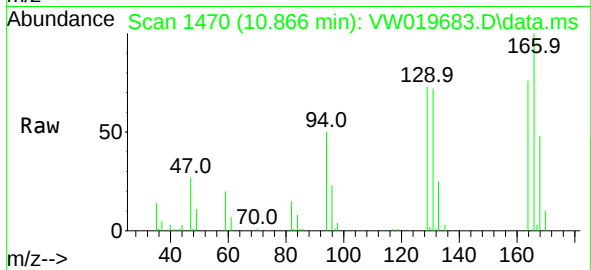
Tgt Ion: 91 Resp: 19548
Ion Ratio Lower Upper
91 100
92 59.7 39.5 73.3





#46
 Tetrachloroethene
 Concen: 1.416 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VW019683.D
 Acq: 05 Aug 2021 15:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	164	Resp:	8826
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.7	123.9
131	94.8	61.1	113.5
166	131.3	87.0	161.6

