

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
 Data File : VW020045.D
 Acq On : 16 Sep 2021 18:27
 Operator : SY/VA
 Sample : M3755-07
 Misc : 7.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 17 01:07:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

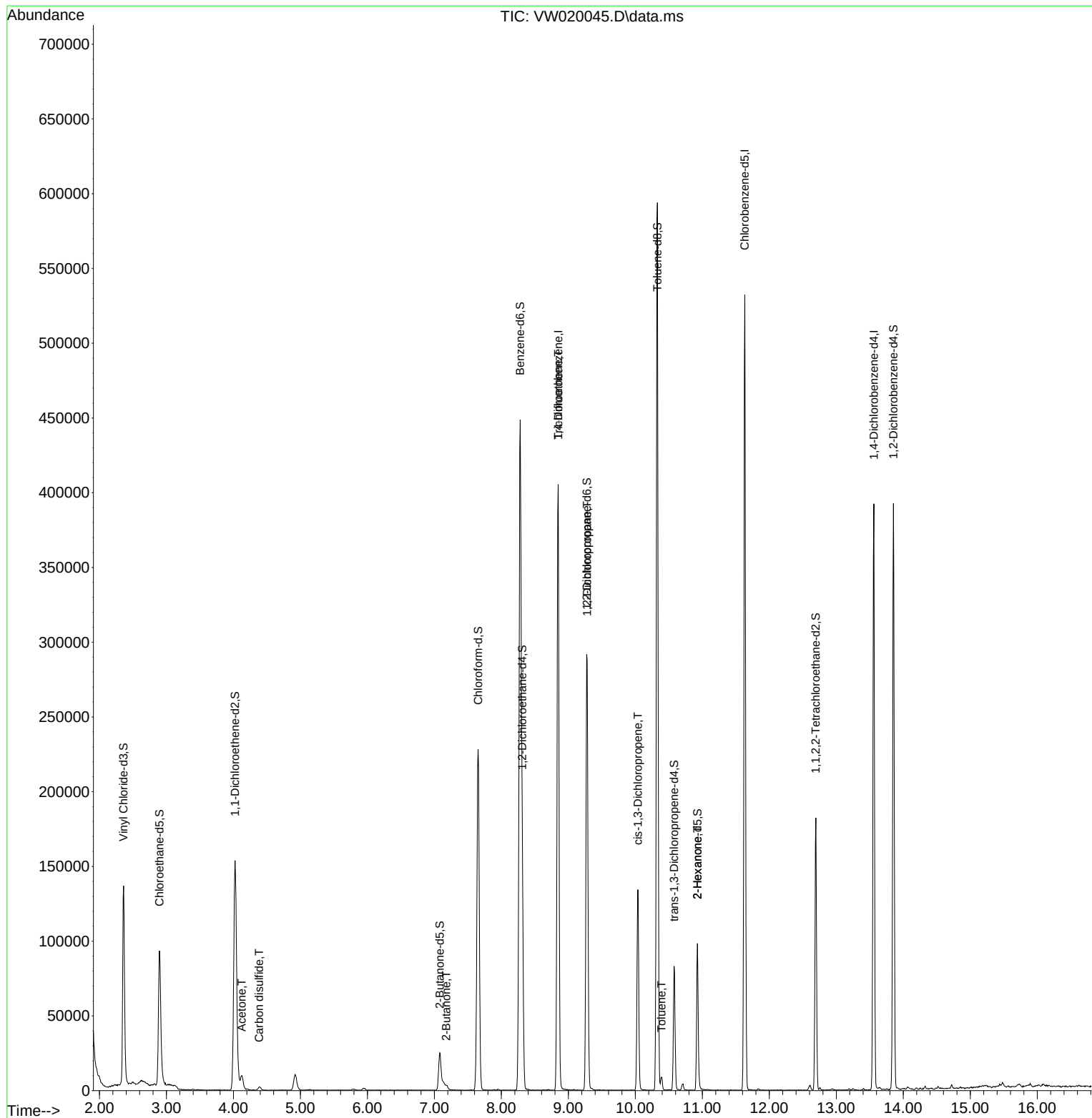
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	325235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94344	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	154820	28.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.600%
7) Chloroethane-d5	2.897	69	123193	26.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.880%
11) 1,1-Dichloroethene-d2	4.025	63	167743	19.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.640%
21) 2-Butanone-d5	7.080	46	40204	27.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.860%
24) Chloroform-d	7.653	84	230888	25.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.311	65	120997	22.920	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.680%
32) Benzene-d6	8.281	84	445601	29.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.640%
36) 1,2-Dichloropropane-d6	9.274	67	131169	28.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.760%
41) Toluene-d8	10.329	98	382754	26.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.880%
43) trans-1,3-Dichloroprop...	10.579	79	45335	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.926	63	30356	32.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.560%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	84687	18.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	95297	29.640	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.560%
Target Compounds					Qvalue	
13) Acetone	4.123	43	16353	11.750	ug/L	93
14) Carbon disulfide	4.385	76	4727	0.328	ug/L #	94
22) 2-Butanone	7.177	43	4239	2.430	ug/L #	72
34) Trichloroethene	8.848	95	10368	2.322	ug/L #	5
37) 1,2-Dichloropropane	9.280	63	16215	3.973	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	3671	0.596	ug/L #	79
42) Toluene	10.390	91	6361	0.354	ug/L	96
48) 2-Hexanone	10.926	43	4075	1.953	ug/L #	66

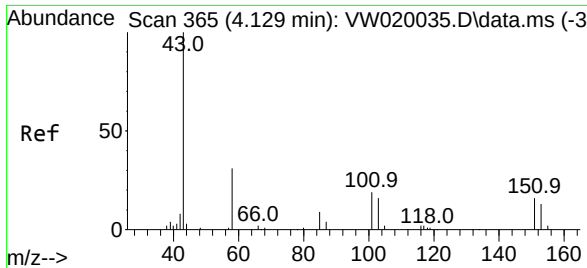
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

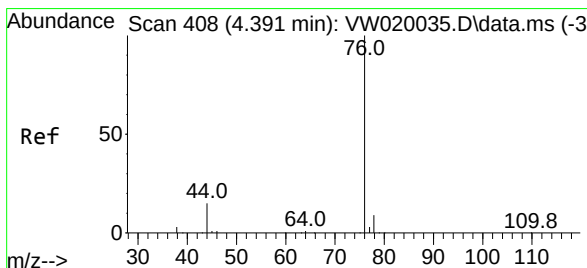
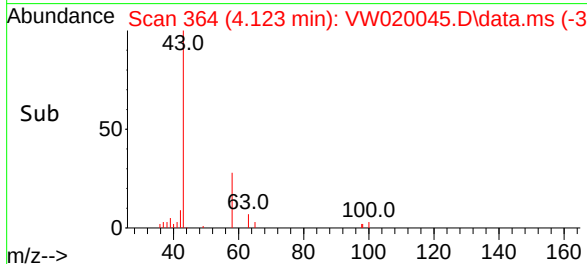
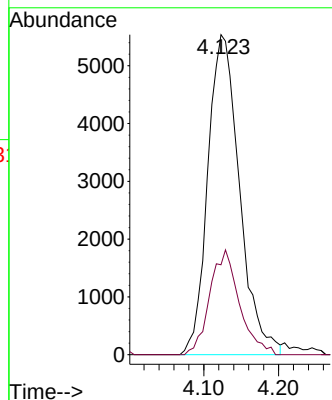
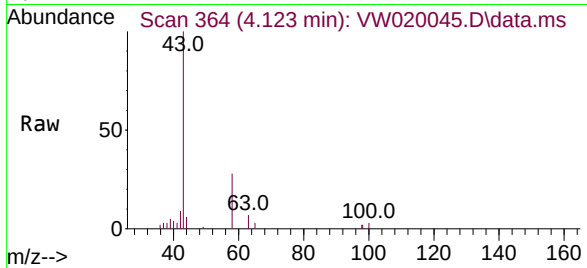




#13
Acetone
Concen: 11.750 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

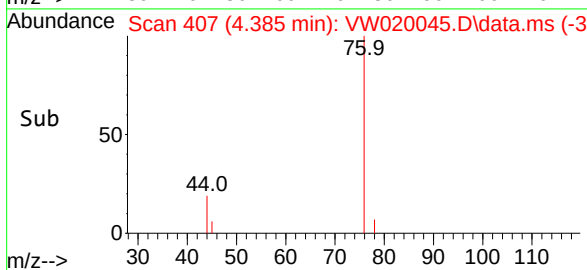
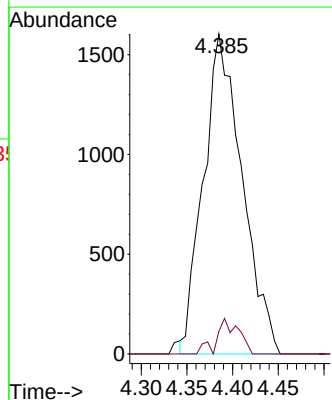
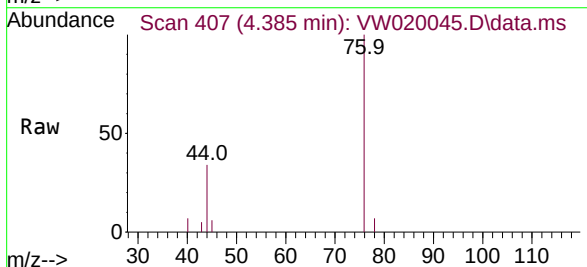
Instrument :
MSVOA_W
ClientSampled :

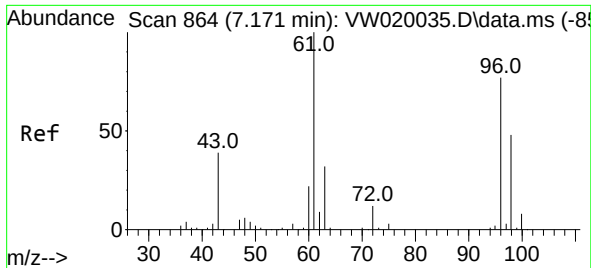
Tgt Ion: 43 Resp: 16353
Ion Ratio Lower Upper
43 100
58 30.6 0.0 53.8



#14
Carbon disulfide
Concen: 0.328 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 76 Resp: 4727
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.0#

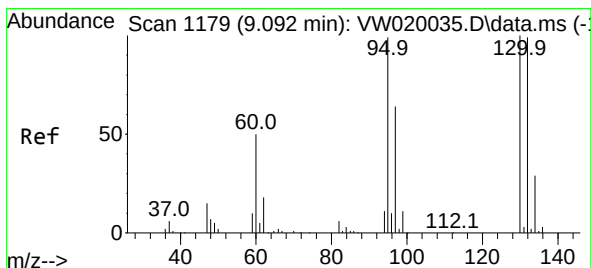
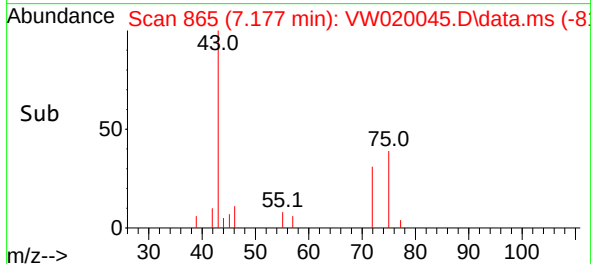
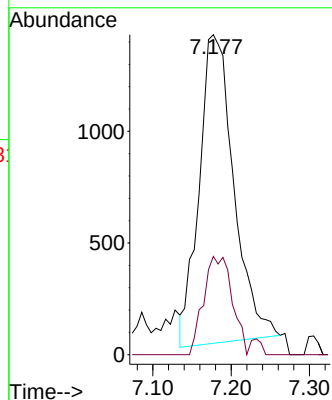
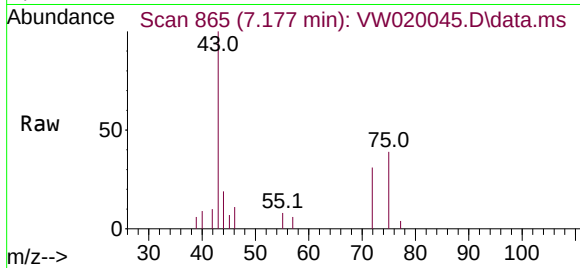




#22
2-Butanone
Concen: 2.430 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

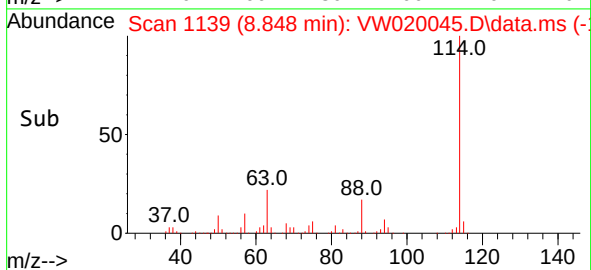
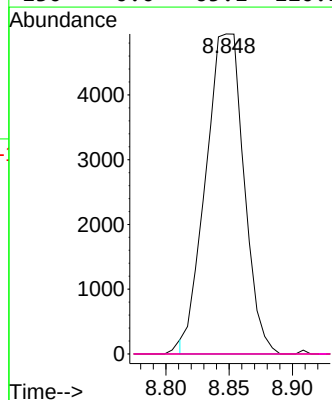
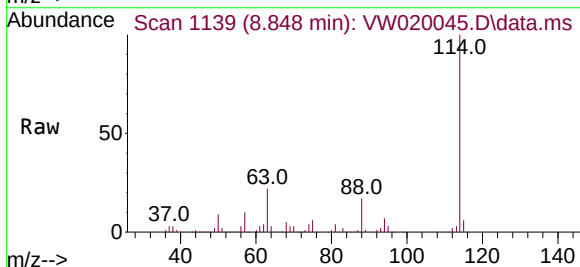
Instrument :
MSVOA_W
ClientSampled :

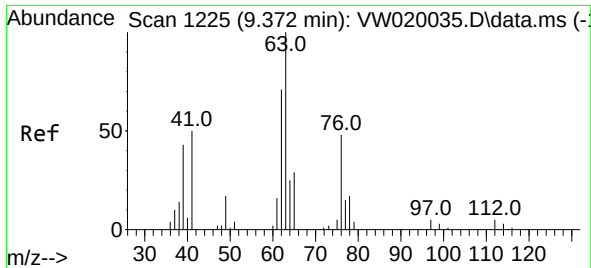
Tgt Ion: 43 Resp: 4239
Ion Ratio Lower Upper
43 100
72 14.9 14.9 44.7#



#34
Trichloroethene
Concen: 2.322 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.250 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 95 Resp: 10368
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#

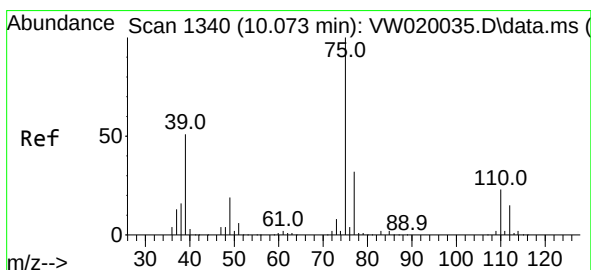
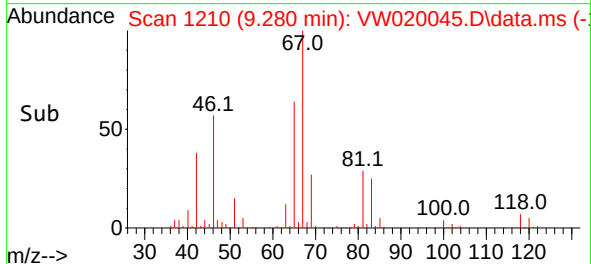
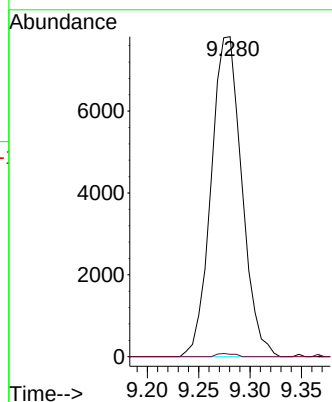
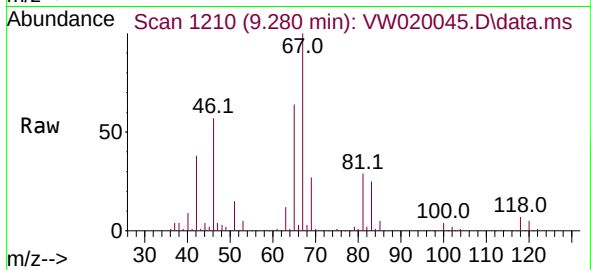




#37
1,2-Dichloropropane
Concen: 3.973 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

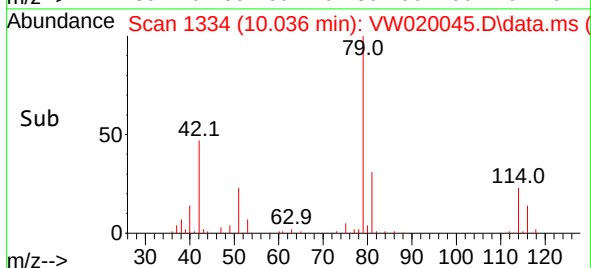
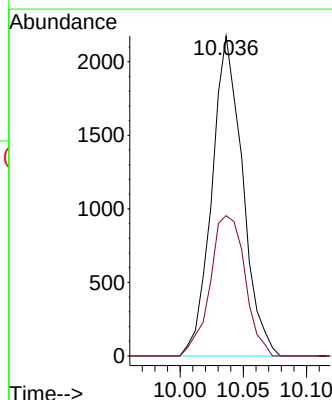
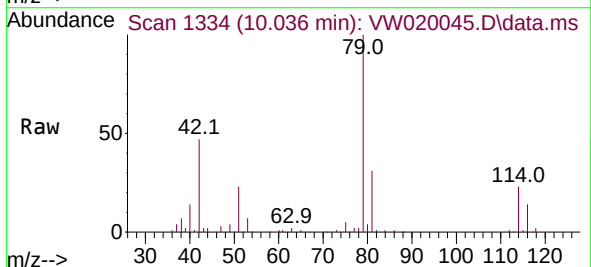
Instrument :
MSVOA_W
ClientSampled :

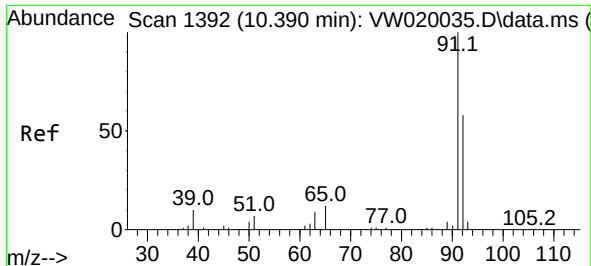
Tgt Ion: 63 Resp: 16215
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.596 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 75 Resp: 3671
Ion Ratio Lower Upper
75 100
77 43.9 22.6 42.0#

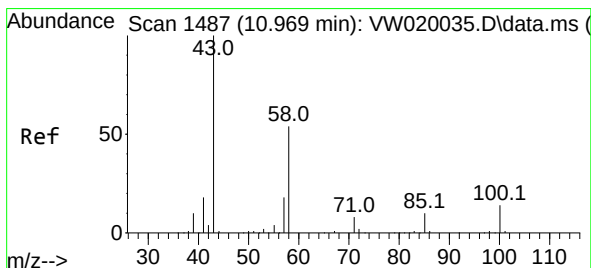
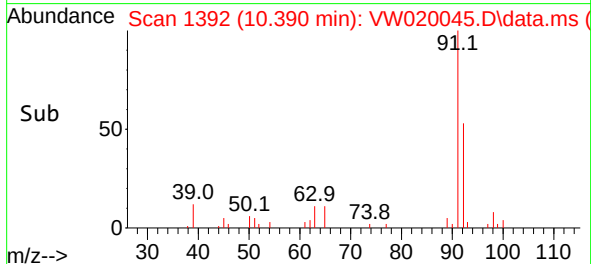
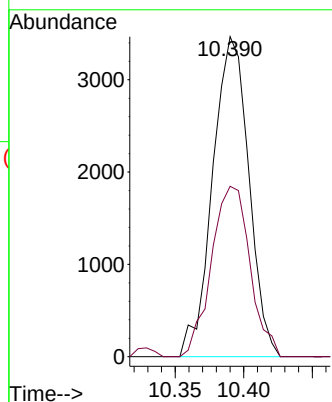
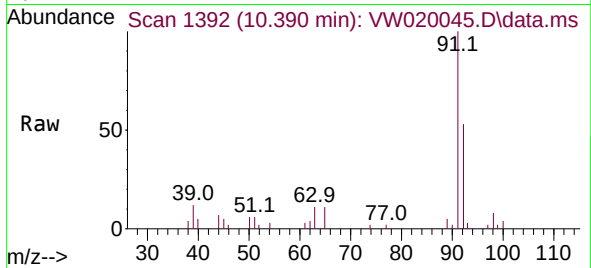




#42
Toluene
Concen: 0.354 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 6361
Ion Ratio Lower Upper
91 100
92 53.3 39.5 73.3



#48
2-Hexanone
Concen: 1.953 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020045.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
58 32.5 42.7 64.1#
57 42.5 15.8 23.8#
100 2.3 10.0 15.0#

