

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019891.D
 Acq On : 25 Aug 2021 10:48
 Operator : SY/VA
 Sample : M3526-05RE
 Misc : 2.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

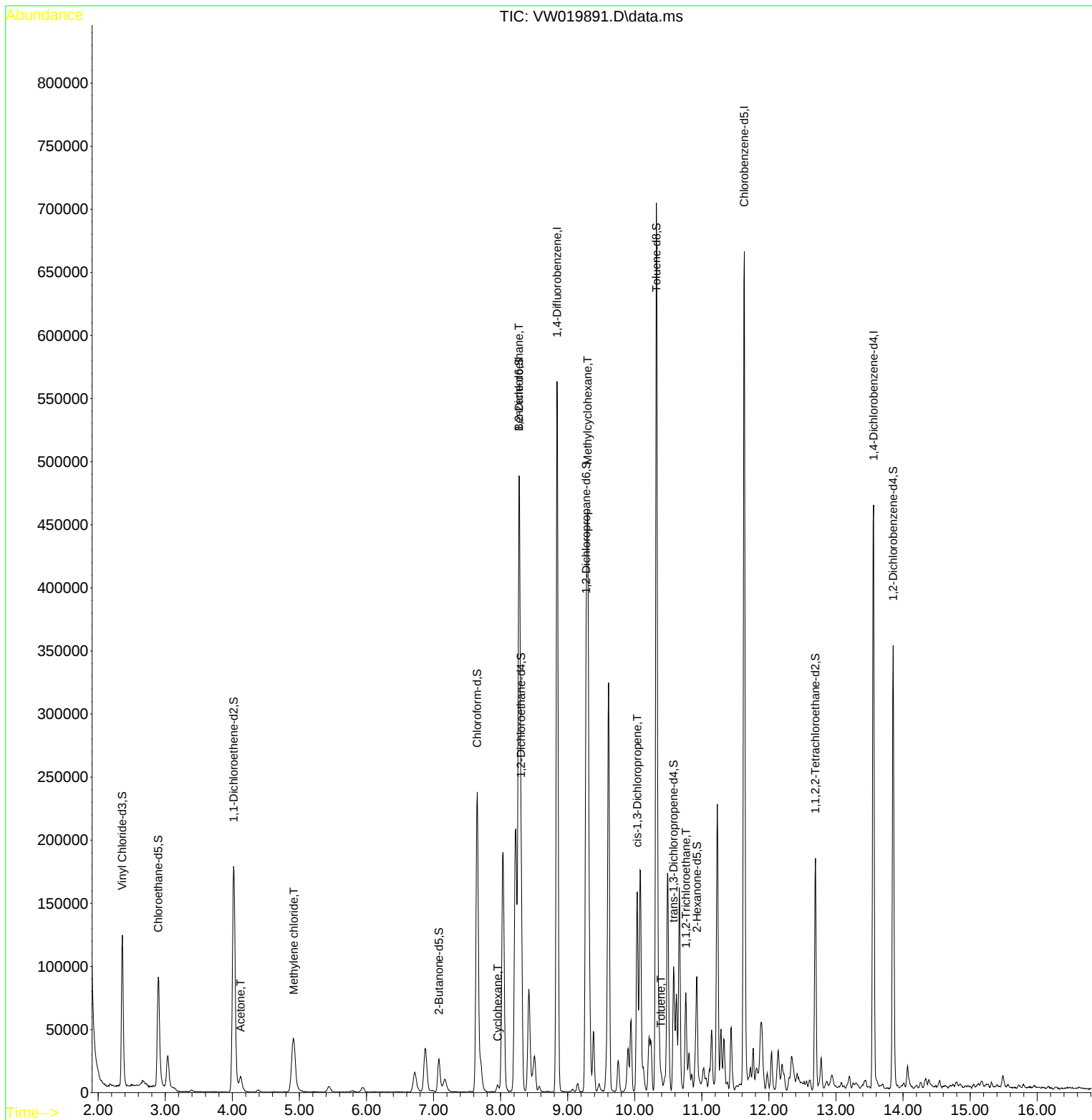
Quant Time: Aug 26 01:09:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 26 01:07:03 2021
 Response via : Initial Calibration

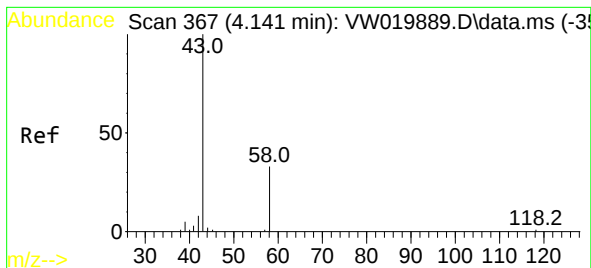
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	456017	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	360889	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119274	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136876	19.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.897	69	118633	19.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
11) 1,1-Dichloroethene-d2	4.019	63	185861	15.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.640%
21) 2-Butanone-d5	7.080	46	42583	29.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.340%
24) Chloroform-d	7.653	84	236968	18.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	8.305	65	113960	16.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.440%#
32) Benzene-d6	8.275	84	507256	24.652	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	9.274	67	151502	24.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.323	98	435949	23.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	10.579	79	47654	18.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.040%
47) 2-Hexanone-d5	10.926	63	30362	34.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.960%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	82820	16.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	91057	22.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						Qvalue
13) Acetone	4.123	43	12163	9.928	ug/L	82
16) Methylene chloride	4.915	84	14431	1.844	ug/L	92
27) 1,2-Dichloroethane	8.275	62	3055	0.394	ug/L	97
29) Cyclohexane	7.957	56	2565	0.303	ug/L	96
35) Methylcyclohexane	9.299	83	122580	12.411	ug/L #	59
39) cis-1,3-Dichloropropene	10.036	75	4145	0.513	ug/L #	65
42) Toluene	10.390	91	8090	0.345	ug/L	89
45) 1,1,2-Trichloroethane	10.762	97	28309	7.128	ug/L #	21

(#) = 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 : Thu Aug 26 01:07:03 2021
Response via : Initial Calibration





#13

Acetone

Concen: 9.928 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.018 min

Lab File: VW019891.D

Acq: 25 Aug 2021 10:48

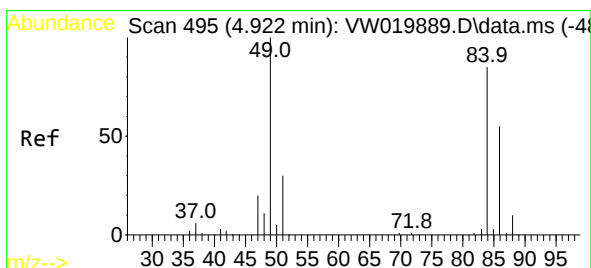
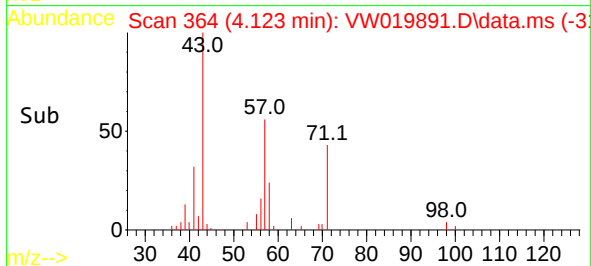
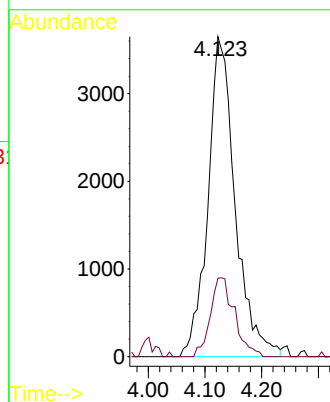
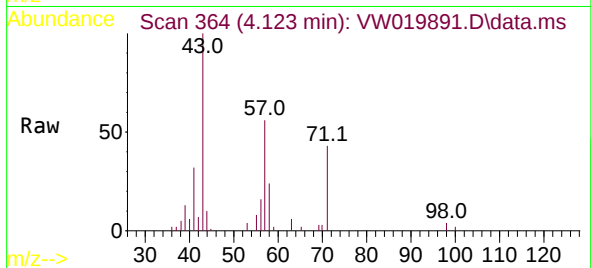
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43 Resp: 12163

Ion Ratio Lower Upper

43 100

58 17.4 0.0 53.8



#16

Methylene chloride

Concen: 1.844 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.006 min

Lab File: VW019891.D

Acq: 25 Aug 2021 10:48

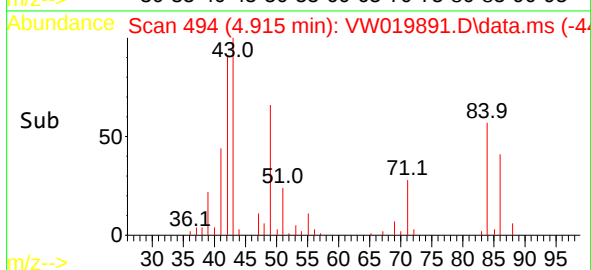
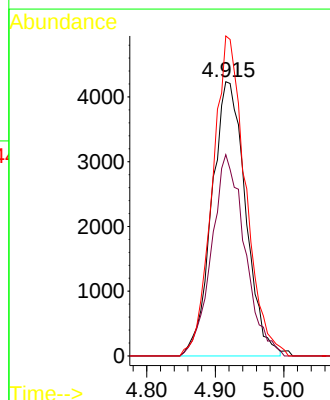
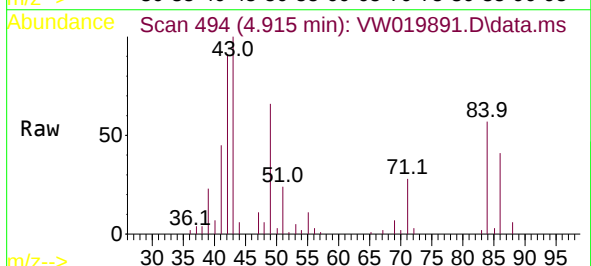
Tgt Ion: 84 Resp: 14431

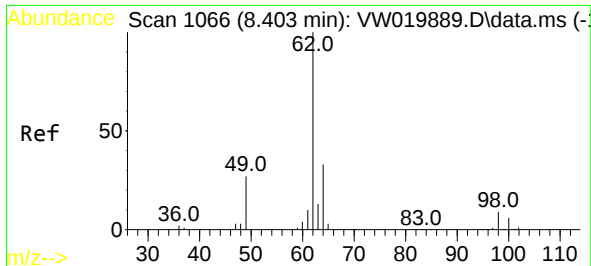
Ion Ratio Lower Upper

84 100

86 73.4 45.3 84.1

49 116.7 86.6 160.8

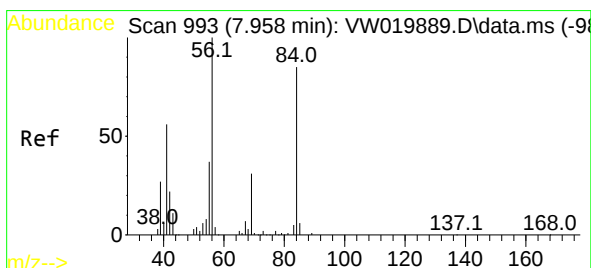
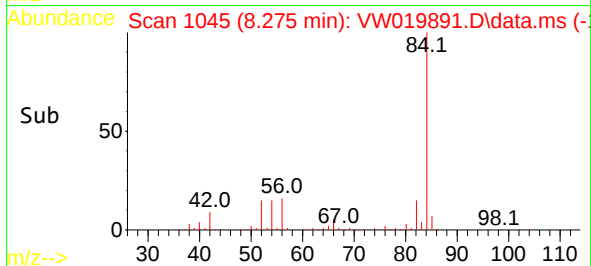
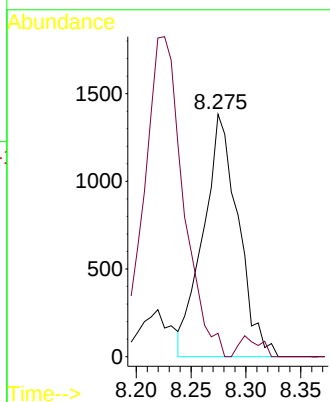
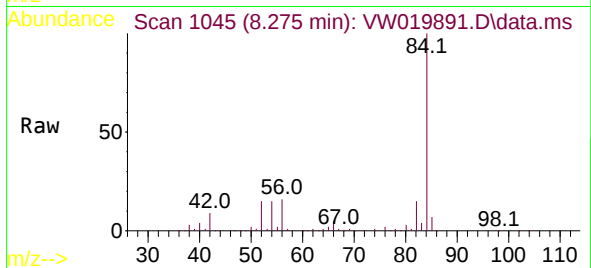




#27
1,2-Dichloroethane
Concen: 0.394 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.128 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

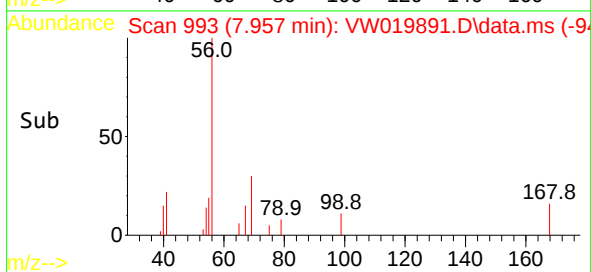
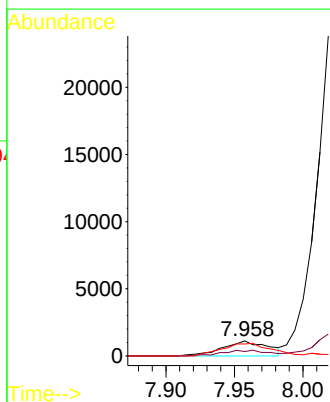
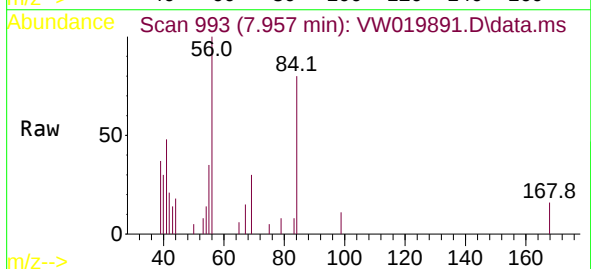
Instrument :
MSVOA_W
ClientSampled :

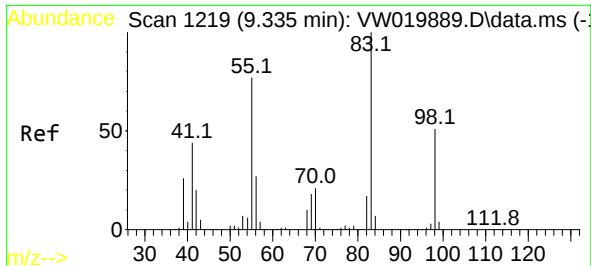
Tgt Ion: 62 Resp: 3055
Ion Ratio Lower Upper
62 100
98 9.6 6.9 10.3



#29
Cyclohexane
Concen: 0.303 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

Tgt Ion: 56 Resp: 2565
Ion Ratio Lower Upper
56 100
69 34.1 24.5 36.7
84 91.2 75.0 112.4

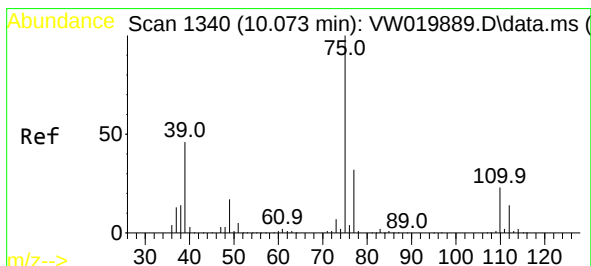
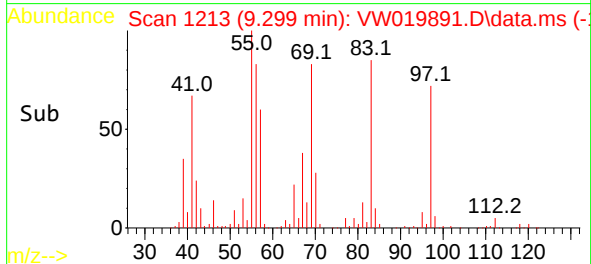
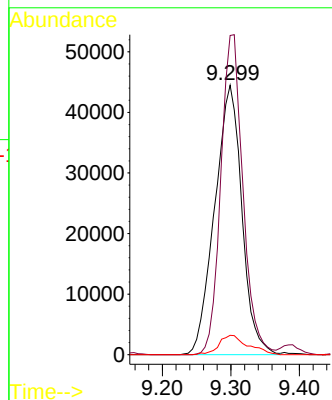
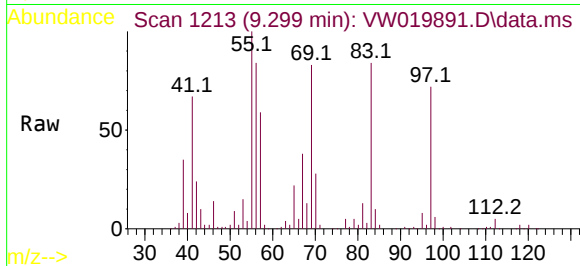




#35
Methylcyclohexane
Concen: 12.411 ug/L
RT: 9.299 min Scan# 1213
Delta R.T. -0.037 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

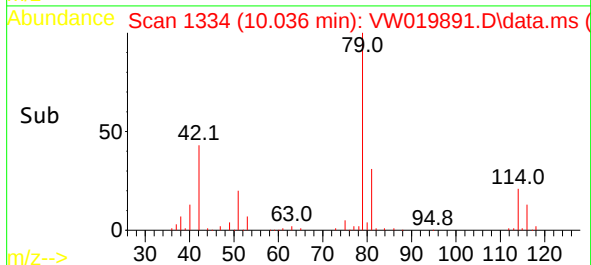
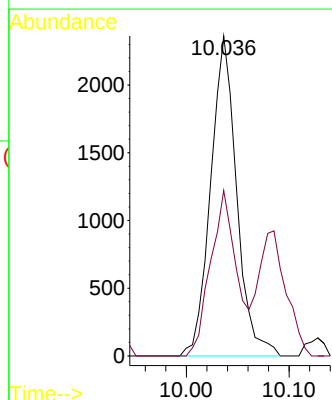
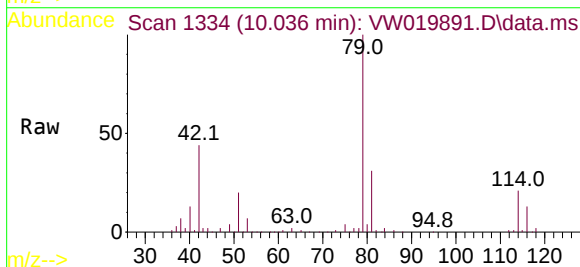
Instrument :
MSVOA_W
ClientSampled :

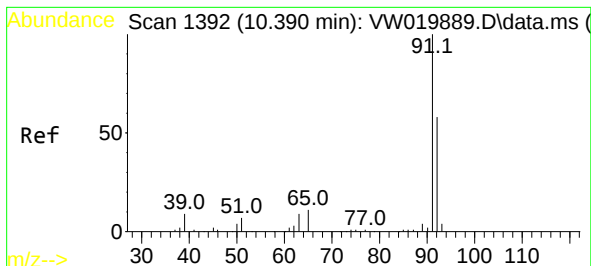
Tgt Ion: 83 Resp: 122580
Ion Ratio Lower Upper
83 100
55 96.7 58.9 88.3#
98 7.7 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

Tgt Ion: 75 Resp: 4145
Ion Ratio Lower Upper
75 100
77 51.7 22.6 42.0#

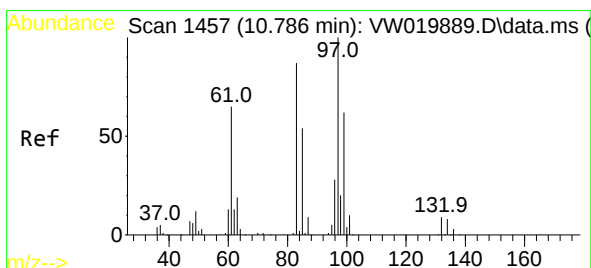
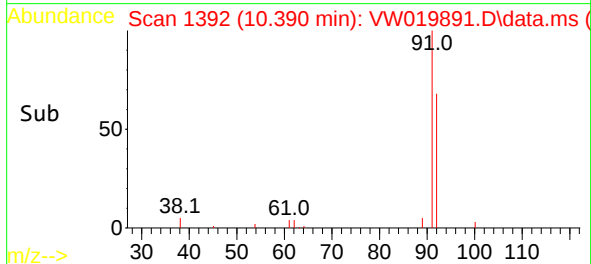
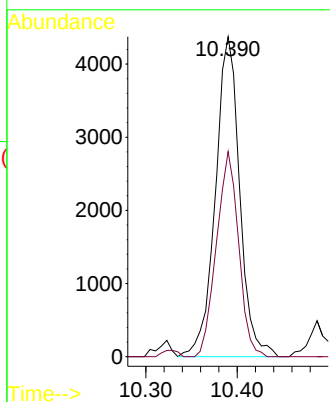
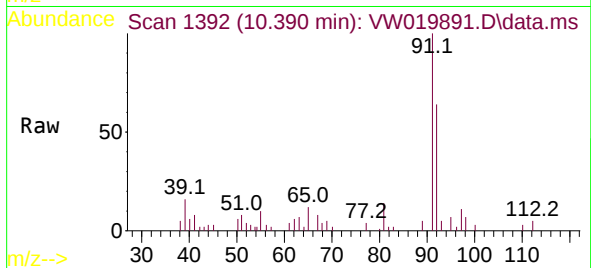




#42
Toluene
Concen: 0.345 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 8090
Ion Ratio Lower Upper
91 100
92 64.1 39.5 73.3



#45
1,1,2-Trichloroethane
Concen: 7.128 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019891.D
Acq: 25 Aug 2021 10:48

Tgt Ion: 97 Resp: 28309
Ion Ratio Lower Upper
97 100
99 0.5 45.1 83.7#
83 7.5 58.1 107.9#
85 4.4 37.3 69.3#

