

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
 Data File : VW019616.D
 Acq On : 27 Jul 2021 12:24
 Operator : SY/VA
 Sample : M3162-05
 Misc : 4.41g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5T5

Quant Time: Jul 28 00:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 28 00:48:17 2021
 Response via : Initial Calibration

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

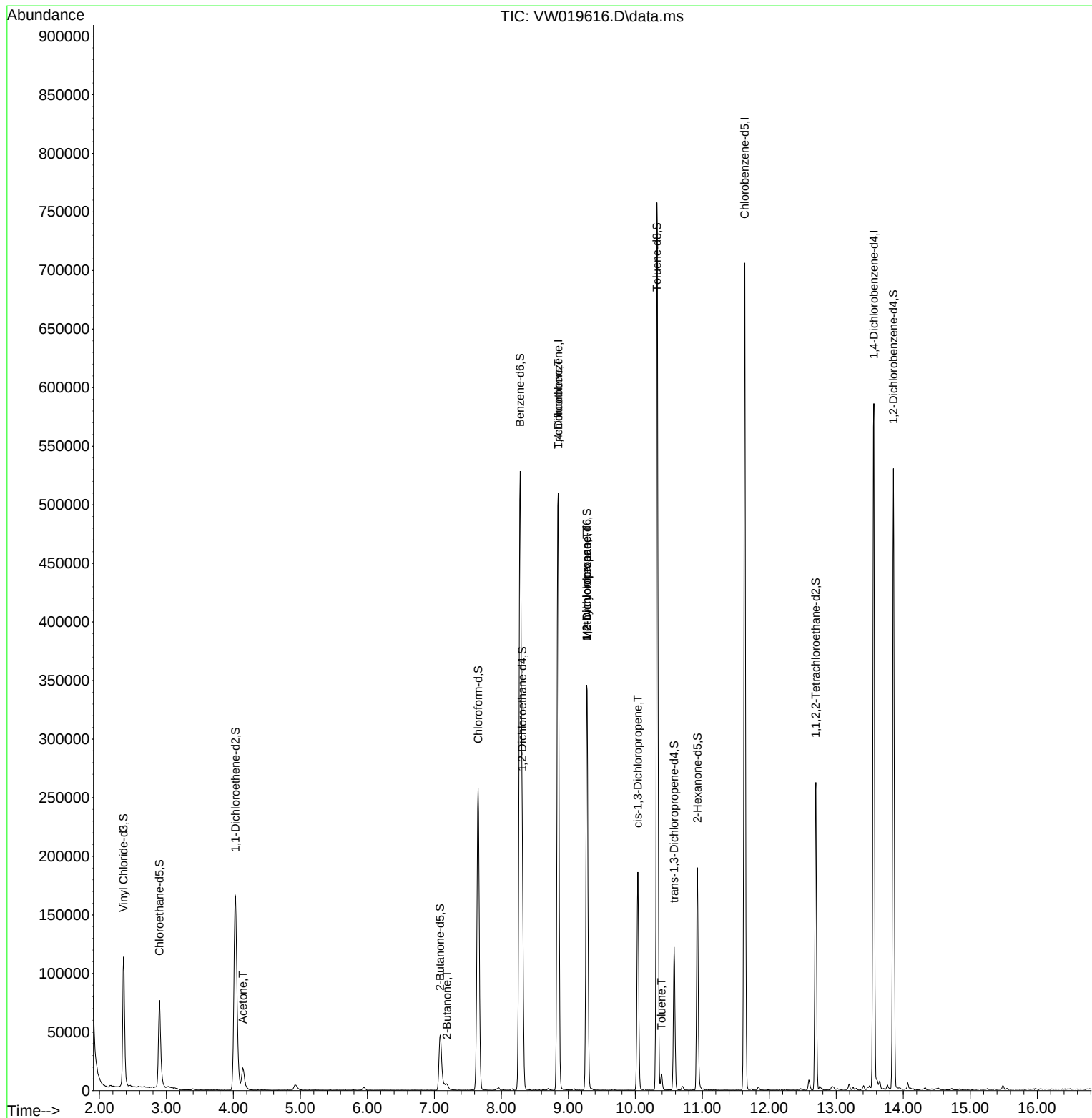
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	437153	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	388256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	153740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	137103	22.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
7) Chloroethane-d5	2.898	69	100035	22.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.032	63	194254	16.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.000%
21) 2-Butanone-d5	7.086	46	83134	46.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.480%
24) Chloroform-d	7.653	84	267699	22.162	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.640%
26) 1,2-Dichloroethane-d4	8.311	65	154769	23.349	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.281	84	548651	23.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.274	67	170698	23.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.323	98	496212	23.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.579	79	70186	22.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.000%
47) 2-Hexanone-d5	10.927	63	64536	48.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	133352	22.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	140971	25.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	35739	26.980	ug/L	88
22) 2-Butanone	7.189	43	7143	3.485	ug/L	90
34) Trichloroethene	8.848	95	13080	2.109	ug/L #	5
35) Methylcyclohexane	9.274	83	41586	3.789	ug/L #	20
37) 1,2-Dichloropropane	9.274	63	18506	3.005	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	4385	0.466	ug/L #	68
42) Toluene	10.390	91	9415	0.372	ug/L	95

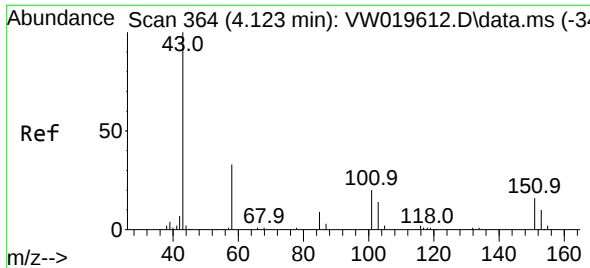
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGET5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 28 00:48:17 2021
Response via : Initial Calibration

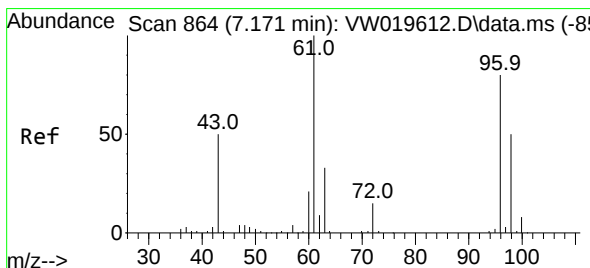
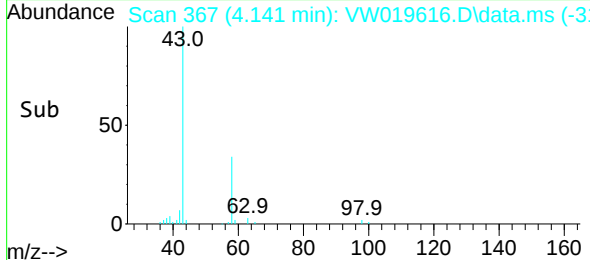
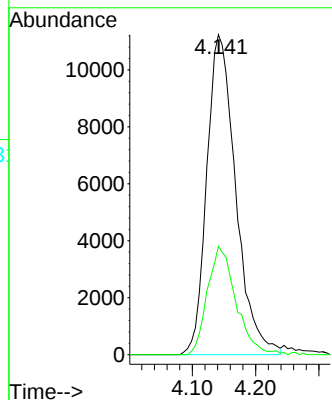
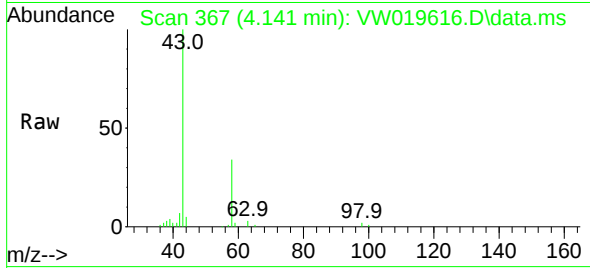




#13
Acetone
Concen: 26.980 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

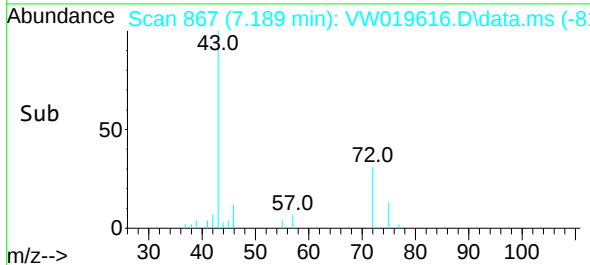
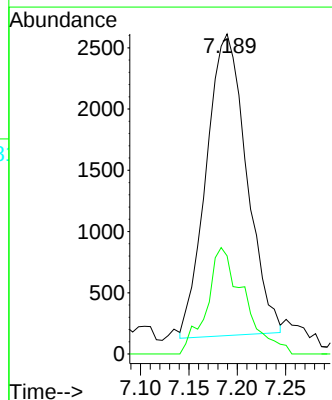
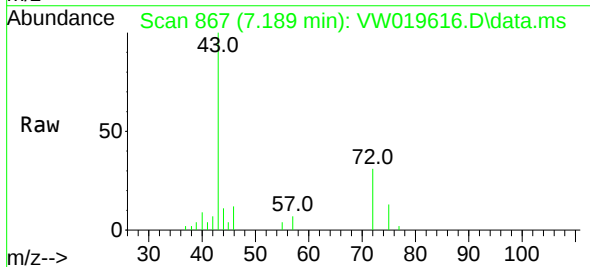
Instrument :
MSVOA_W
ClientSampleId :
BGET5

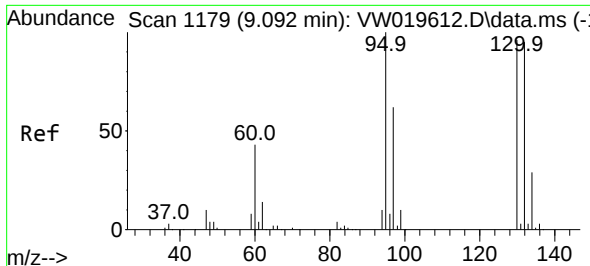
Tgt Ion: 43 Resp: 35739
Ion Ratio Lower Upper
43 100
58 32.9 0.0 53.8



#22
2-Butanone
Concen: 3.485 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

Tgt Ion: 43 Resp: 7143
Ion Ratio Lower Upper
43 100
72 24.4 14.9 44.7

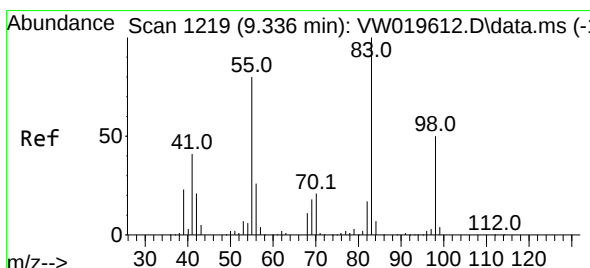
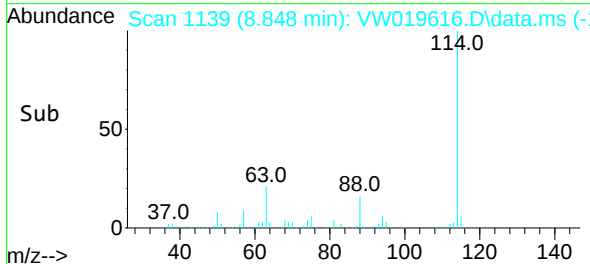
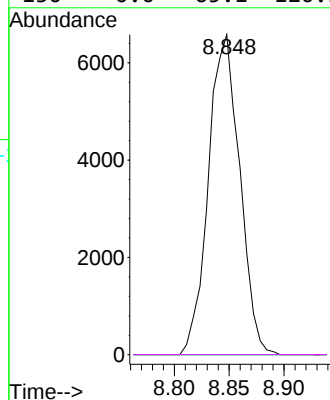
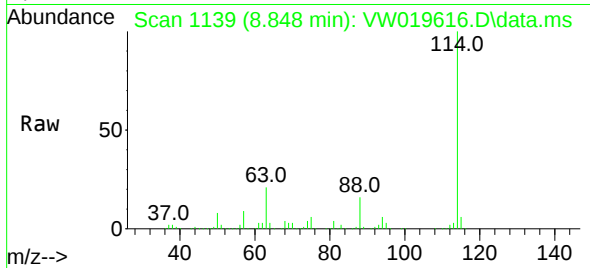




#34
Trichloroethene
Concen: 2.109 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

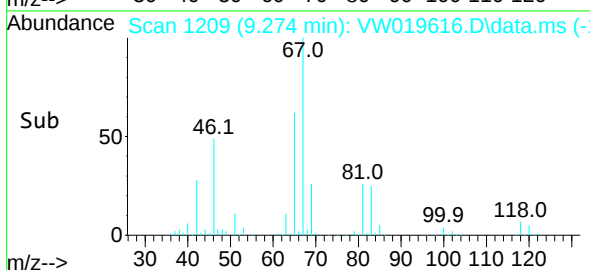
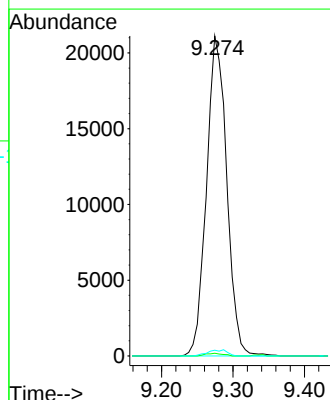
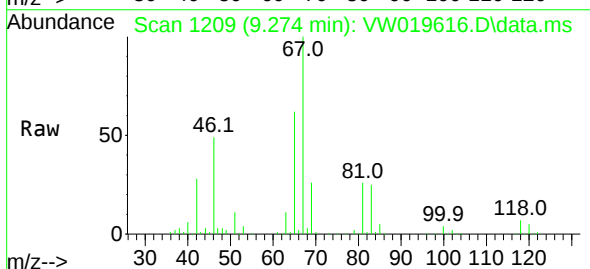
Instrument :
MSVOA_W
ClientSampleId :
BGET5

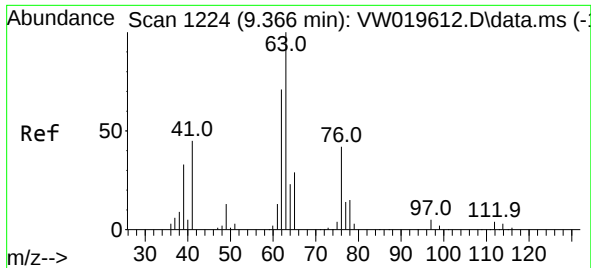
Tgt Ion:	95	Resp:	13080
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
Methylcyclohexane
Concen: 3.789 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

Tgt Ion:	83	Resp:	41586
Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	1.2	40.1	60.1#

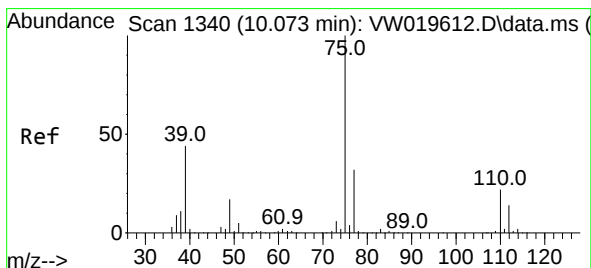
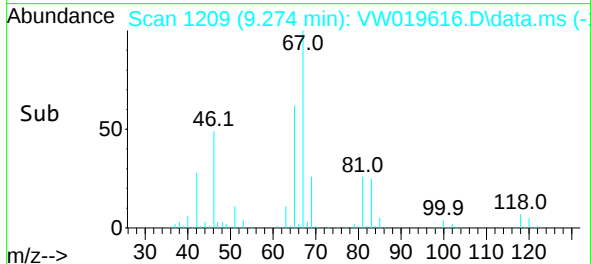
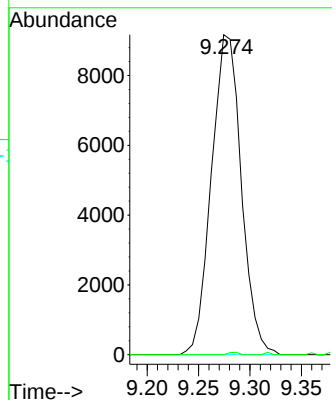
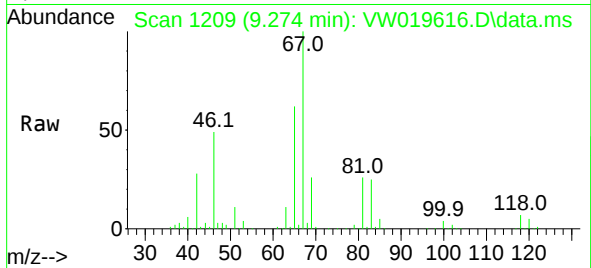




#37
1,2-Dichloropropane
Concen: 3.005 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

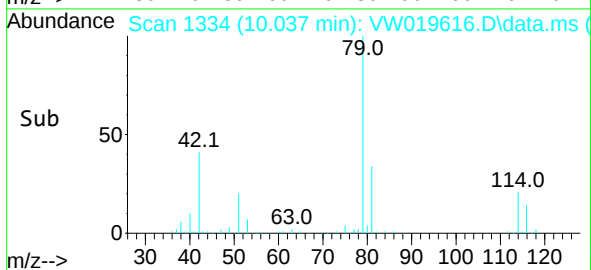
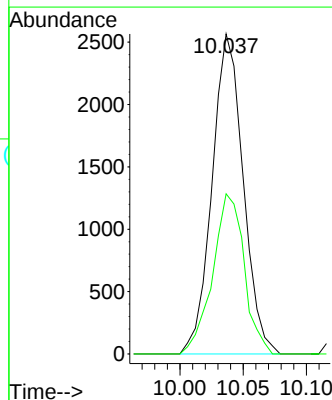
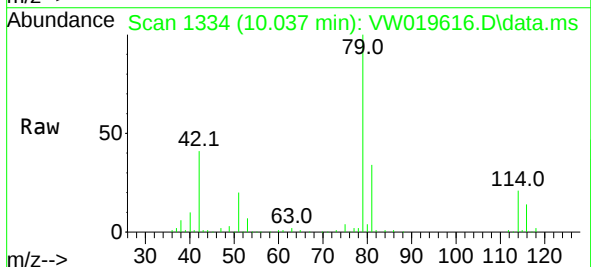
Instrument :
MSVOA_W
ClientSampled :
BGET5

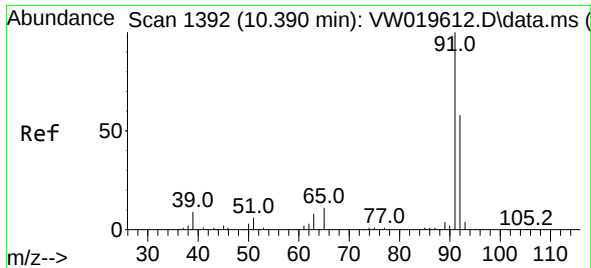
Tgt Ion: 63 Resp: 18506
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.466 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

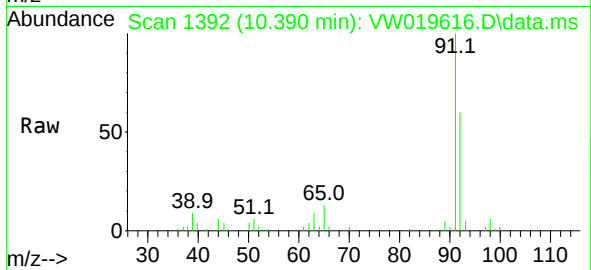
Tgt Ion: 75 Resp: 4385
Ion Ratio Lower Upper
75 100
77 50.0 22.6 42.0#





#42
Toluene
Concen: 0.372 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019616.D
Acq: 27 Jul 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
BGET5



Tgt Ion: 91 Resp: 9415
Ion Ratio Lower Upper
91 100
92 60.3 39.5 73.3

