

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019849.D
 Acq On : 23 Aug 2021 13:16
 Operator : SY/VA
 Sample : M3518-03
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B06

Quant Time: Aug 24 00:56:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

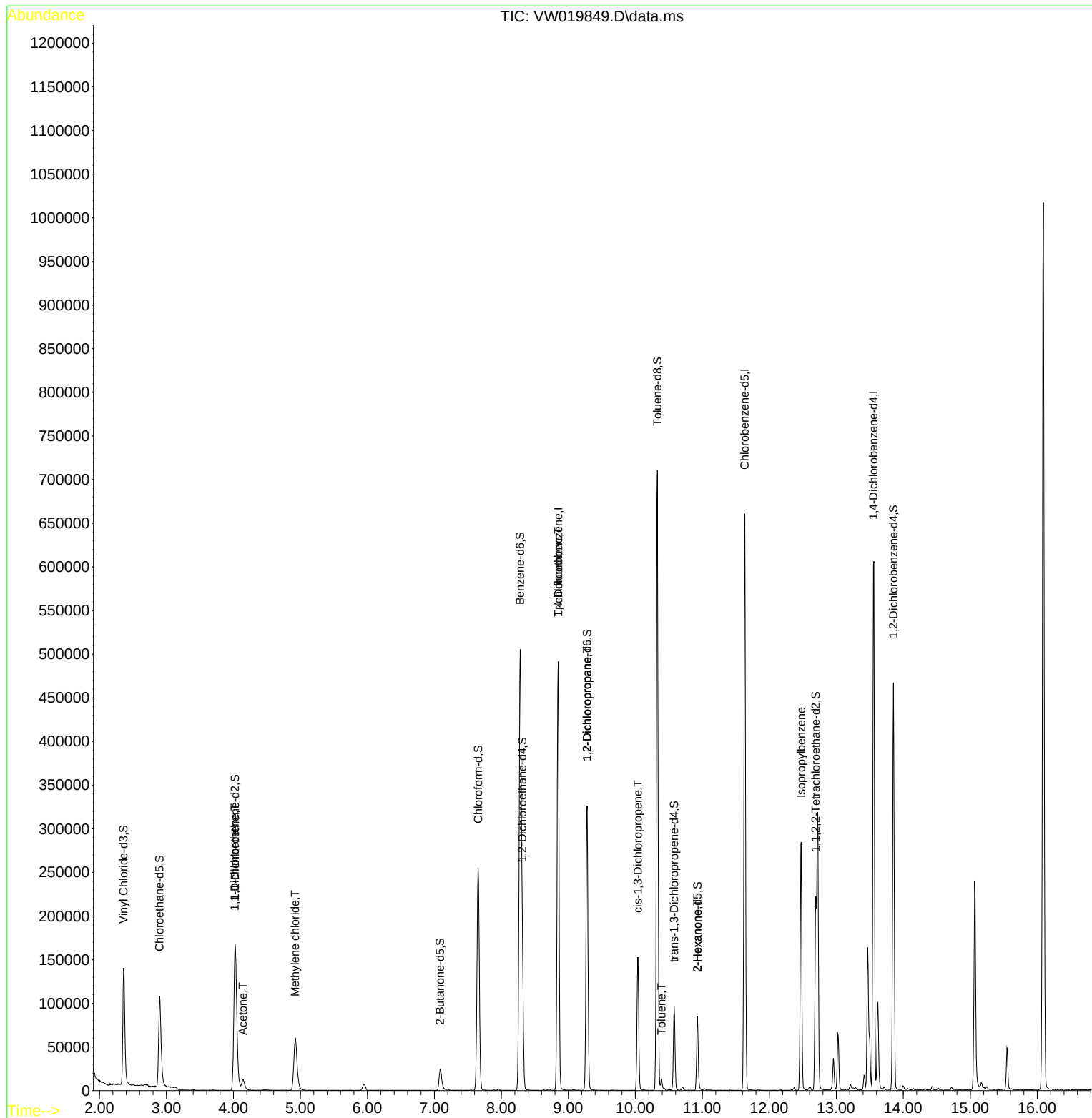
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	398735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	349249	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156643	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	167848	27.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.680%
7) Chloroethane-d5	2.897	69	145077	26.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	4.025	63	186211	17.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.480%
21) 2-Butanone-d5	7.086	46	41567	33.124	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.240%
24) Chloroform-d	7.653	84	256455	23.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	8.311	65	129547	21.922	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.680%
32) Benzene-d6	8.281	84	511551	25.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.760%
36) 1,2-Dichloropropane-d6	9.280	67	149275	24.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	10.329	98	450377	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.579	79	52797	21.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.927	63	27121	32.284	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.560%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98817	20.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	117170	21.806	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.240%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	1557	0.288	ug/L #	1
13) Acetone	4.141	43	22813	21.296	ug/L	89
16) Methylene chloride	4.922	84	51179	7.479	ug/L	94
34) Trichloroethene	8.848	95	12056	2.164	ug/L #	5
37) 1,2-Dichloropropane	9.280	63	17834	3.359	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	3985	0.510	ug/L #	49
42) Toluene	10.390	91	8173	0.360	ug/L	94
48) 2-Hexanone	10.927	43	3633	1.849	ug/L #	59
60) Isopropylbenzene	12.475	105	12142	0.572	ug/L #	1

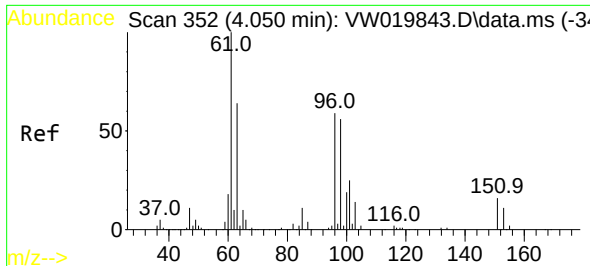
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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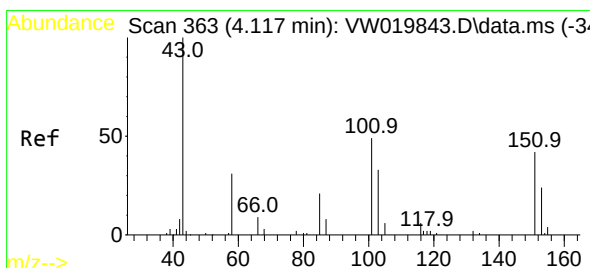
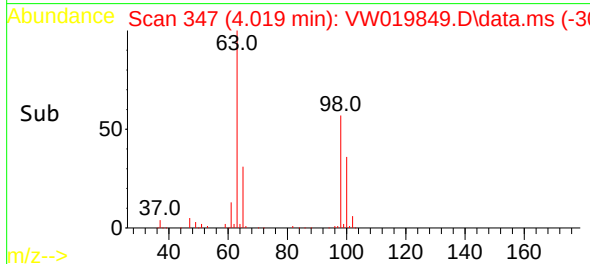
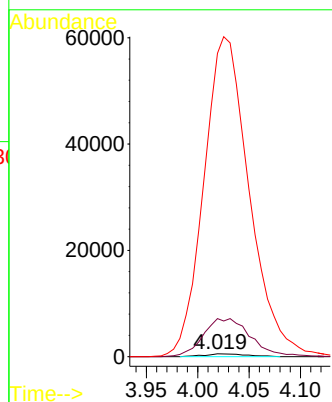
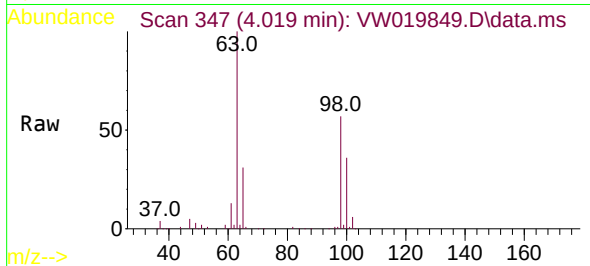




#12
1,1-Dichloroethene
Concen: 0.288 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.031 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

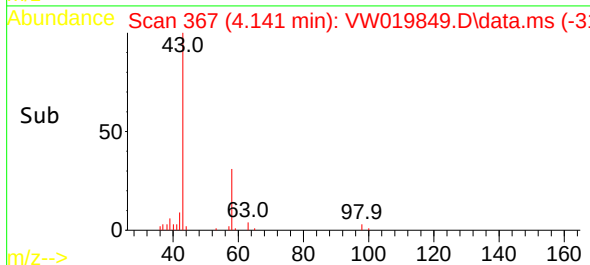
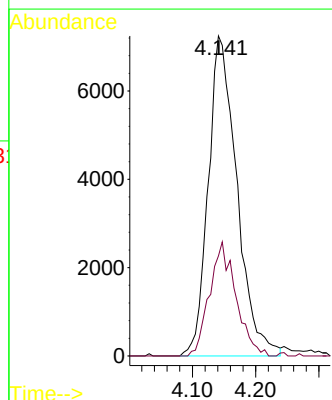
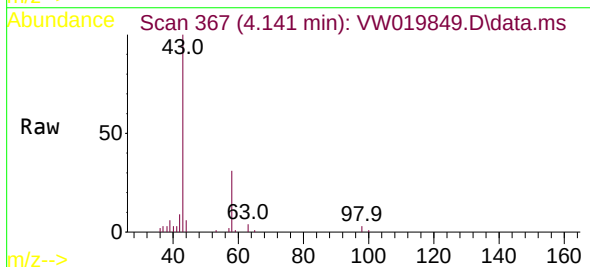
Instrument :
MSVOA_W
ClientSampleId :
C0B06

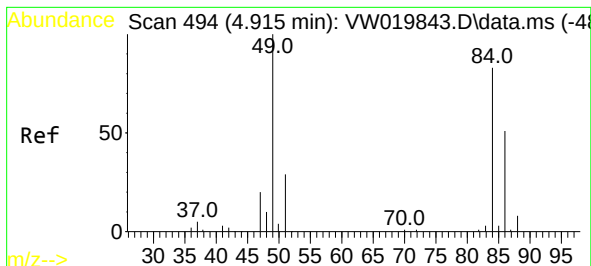
Tgt Ion: 96 Resp: 1557
Ion Ratio Lower Upper
96 100
61 1320.3 118.1 219.3#
63 10510.5 83.7 155.5#



#13
Acetone
Concen: 21.296 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

Tgt Ion: 43 Resp: 22813
Ion Ratio Lower Upper
43 100
58 32.8 0.0 53.8





#16

Methylene chloride

Concen: 7.479 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW019849.D

Acq: 23 Aug 2021 13:16

Instrument :

MSVOA_W

ClientSampleId :

C0B06

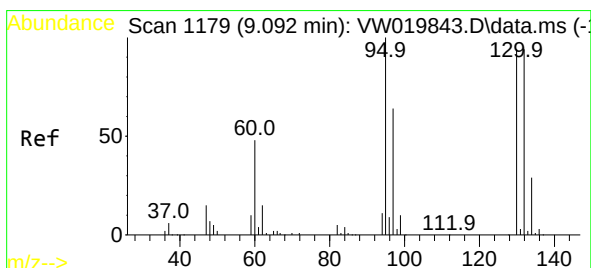
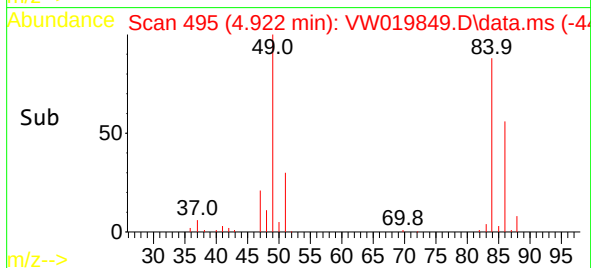
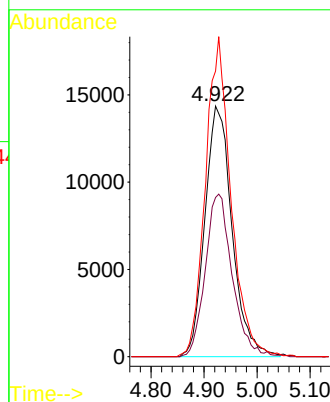
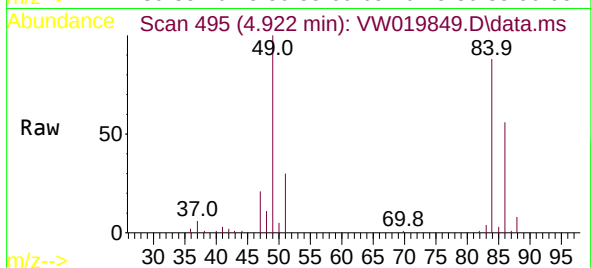
Tgt Ion: 84 Resp: 51179

Ion Ratio Lower Upper

84 100

86 63.6 45.3 84.1

49 114.0 86.6 160.8



#34

Trichloroethene

Concen: 2.164 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW019849.D

Acq: 23 Aug 2021 13:16

Tgt Ion: 95 Resp: 12056

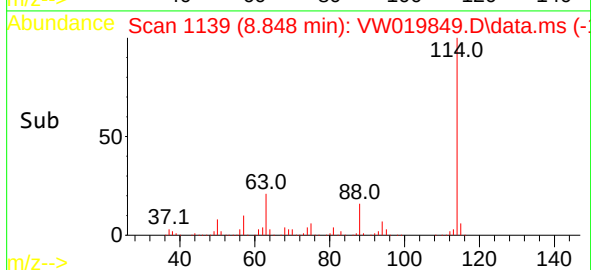
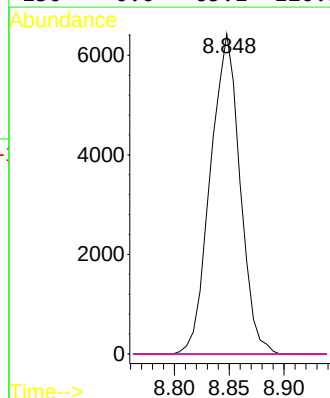
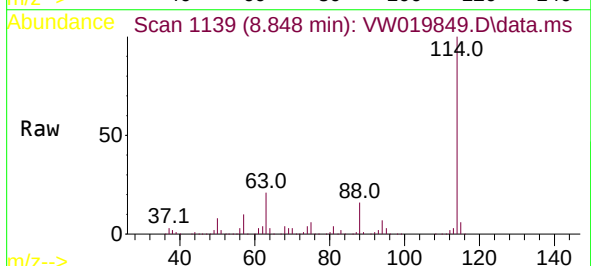
Ion Ratio Lower Upper

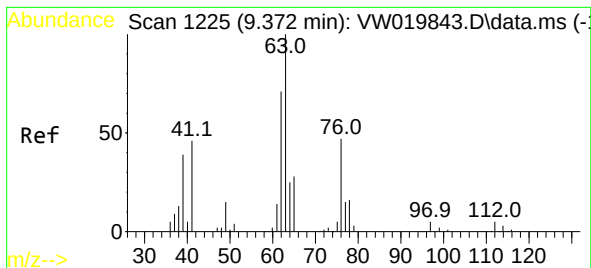
95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#

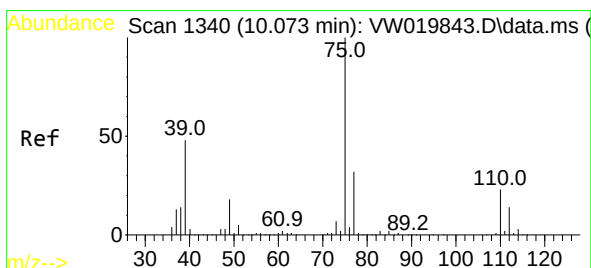
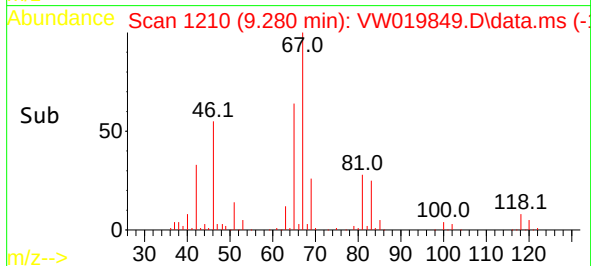
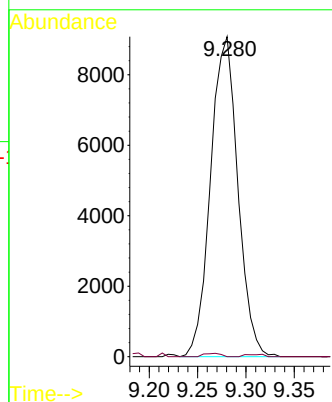
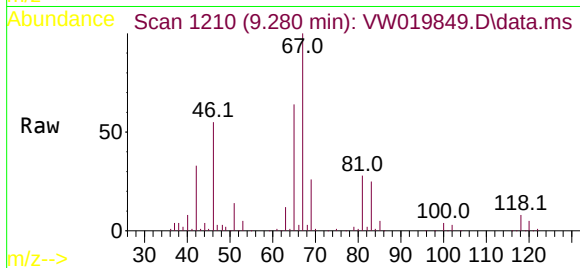




#37
1,2-Dichloropropane
Concen: 3.359 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

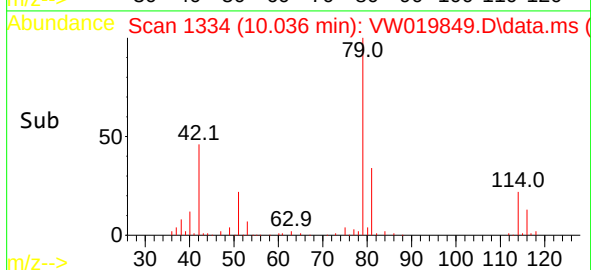
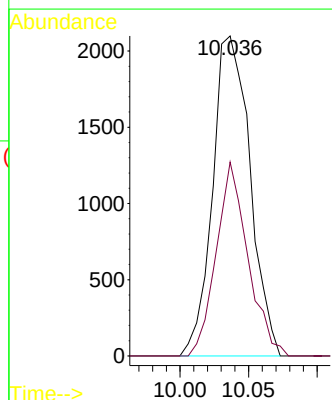
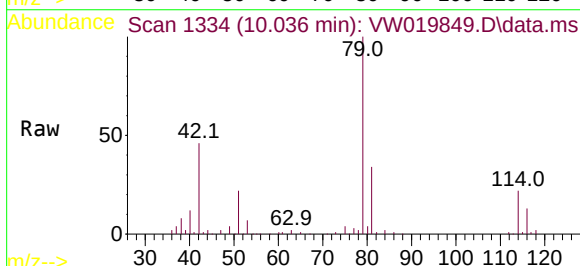
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MSVOA_W
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C0B06

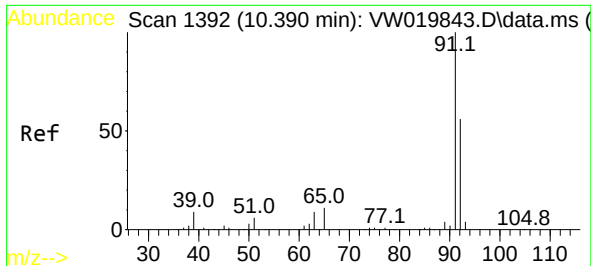
Tgt Ion: 63 Resp: 17834
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.510 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

Tgt Ion: 75 Resp: 3985
Ion Ratio Lower Upper
75 100
77 60.6 22.6 42.0#

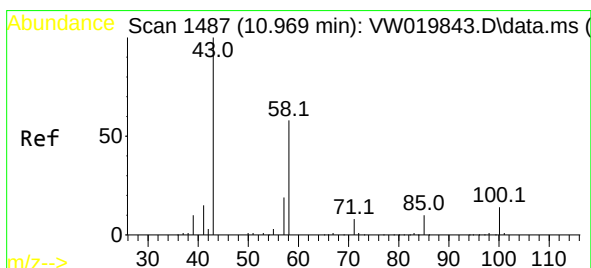
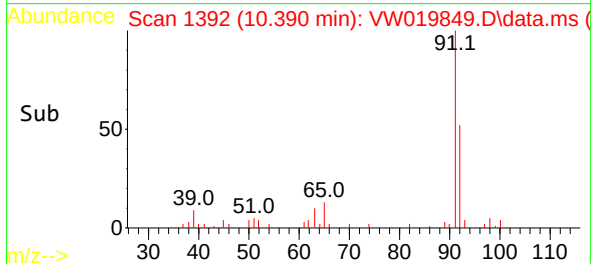
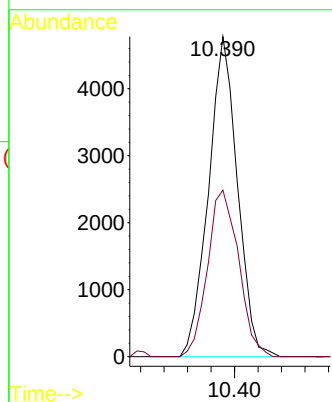
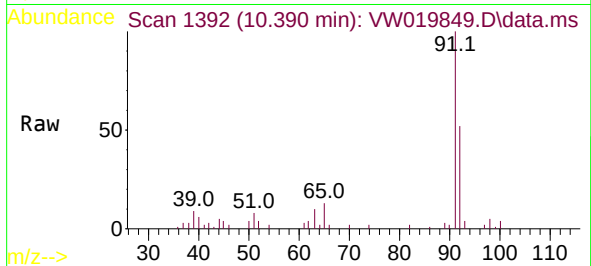




#42
Toluene
Concen: 0.360 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

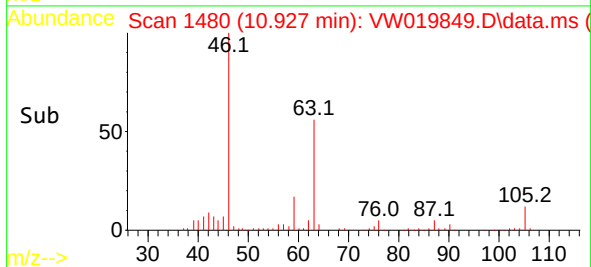
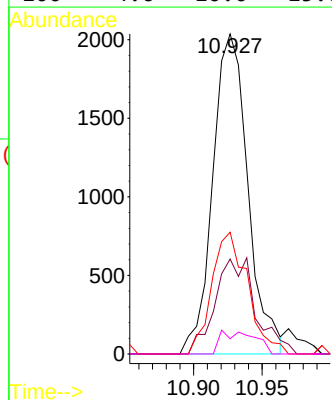
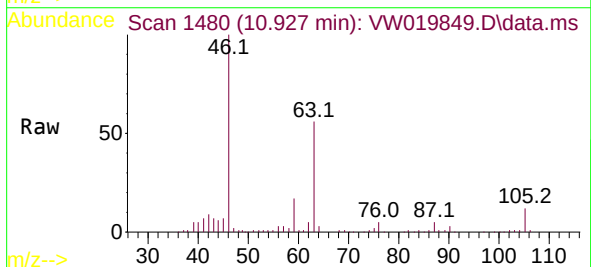
Instrument :
MSVOA_W
ClientSampled :
C0B06

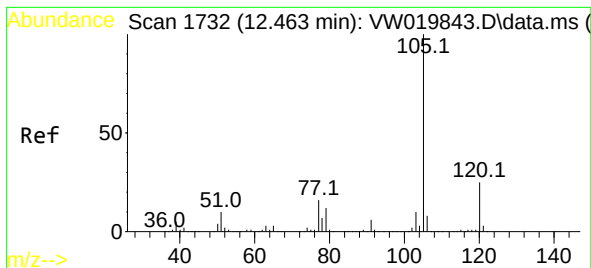
Tgt Ion: 91 Resp: 8173
Ion Ratio Lower Upper
91 100
92 52.1 39.5 73.3



#48
2-Hexanone
Concen: 1.849 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

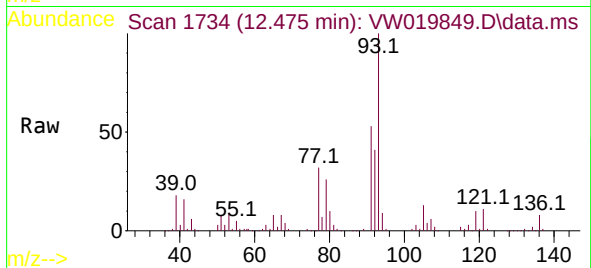
Tgt Ion: 43 Resp: 3633
Ion Ratio Lower Upper
43 100
58 21.4 42.7 64.1#
57 38.8 15.8 23.8#
100 4.6 10.0 15.0#





#60
Isopropylbenzene
Concen: 0.572 ug/L
RT: 12.475 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VW019849.D
Acq: 23 Aug 2021 13:16

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	105	Resp:	12142
Ion Ratio	Lower	Upper	
105	100		
120	12.7	21.1	31.7#
77	262.4	13.2	19.8#

