

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019427.D
 Acq On : 12 Jul 2021 12:46
 Operator : SY/VA
 Sample : M2970-04
 Misc : 4.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 02:22:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 02:19:34 2021
 Response via : Initial Calibration

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

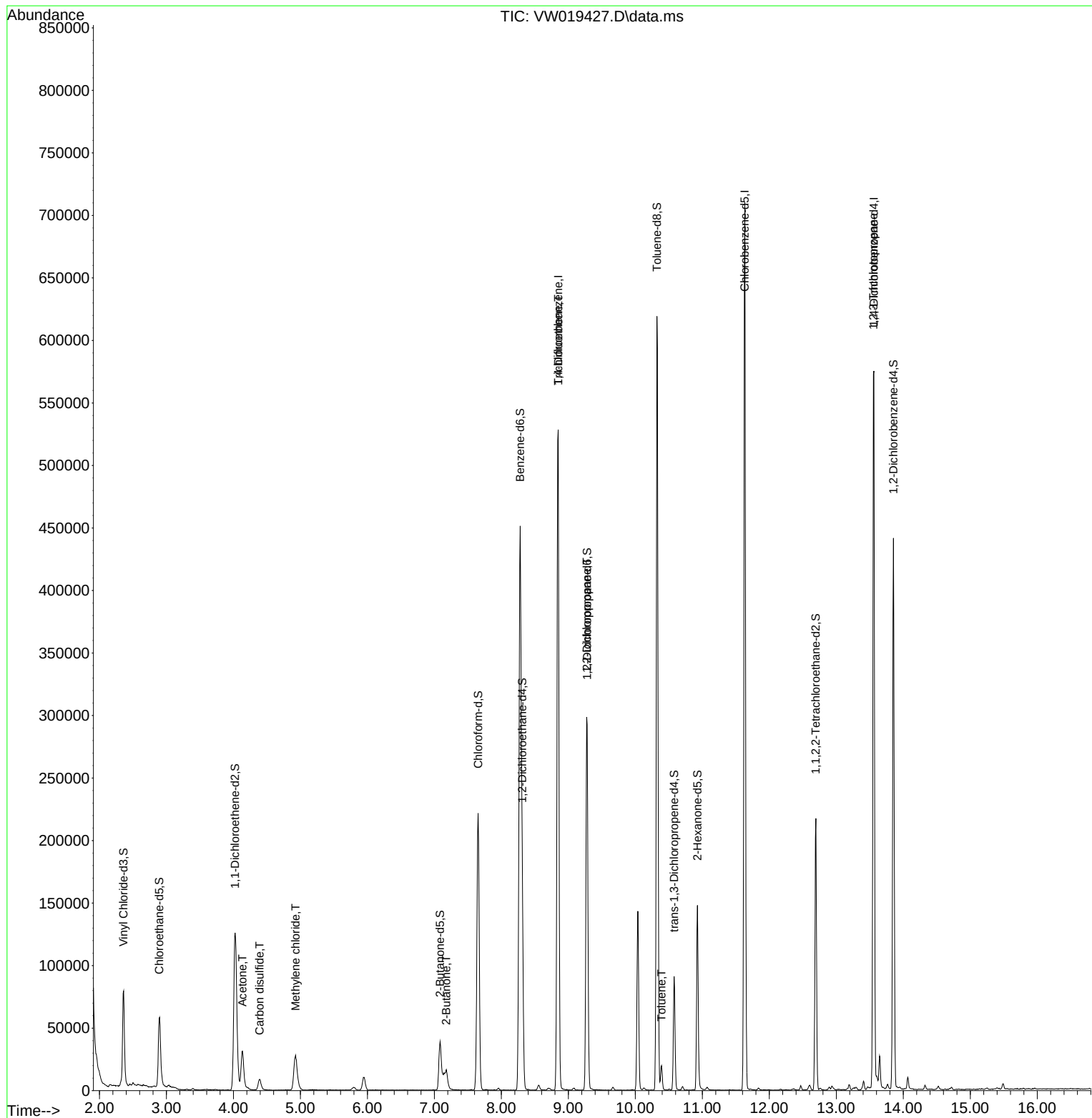
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	446200	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	389446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	156901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	91009	14.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.600%
7) Chloroethane-d5	2.891	69	77897	17.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
11) 1,1-Dichloroethene-d2	4.025	63	148835	12.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.800%
21) 2-Butanone-d5	7.086	46	66224	36.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.180%
24) Chloroform-d	7.653	84	229975	18.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	8.311	65	128153	18.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	8.281	84	463370	19.988	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	9.280	67	148974	20.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	10.323	98	406594	19.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	10.579	79	51436	16.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.480%
47) 2-Hexanone-d5	10.927	63	49957	37.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.540%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	110494	18.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	112411	20.306	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.240%
Target Compounds						Qvalue
13) Acetone	4.135	43	56613	41.871	ug/L	88
14) Carbon disulfide	4.391	76	20050	1.075	ug/L	99
16) Methylene chloride	4.928	84	24849	2.793	ug/L	94
22) 2-Butanone	7.177	43	23737	11.346	ug/L	93
34) Trichloroethene	8.848	95	13394	2.153	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	16316	2.641	ug/L #	86
42) Toluene	10.390	91	13962	0.550	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	18511	5.386	ug/L #	63

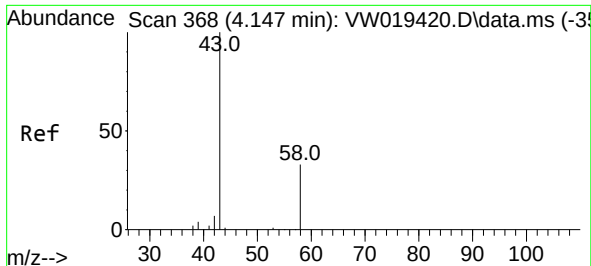
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

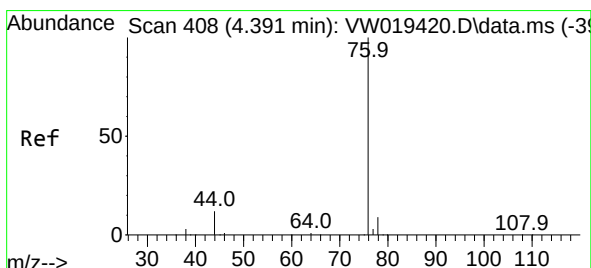
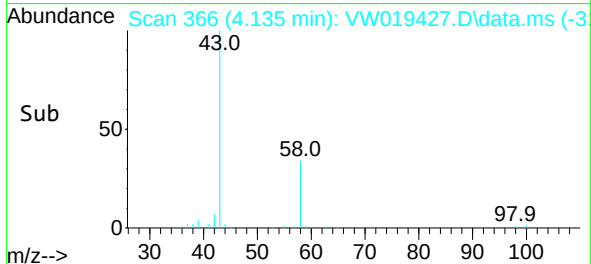
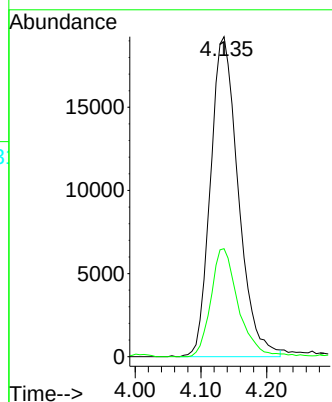
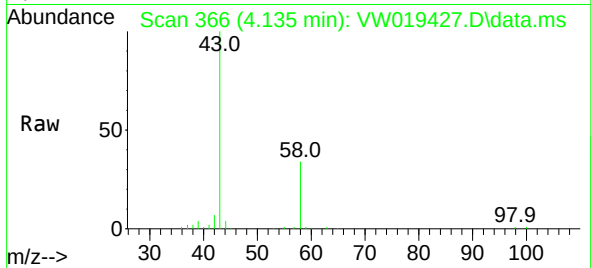




#13
Acetone
Concen: 41.871 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW019427.D
Acq: 12 Jul 2021 12:46

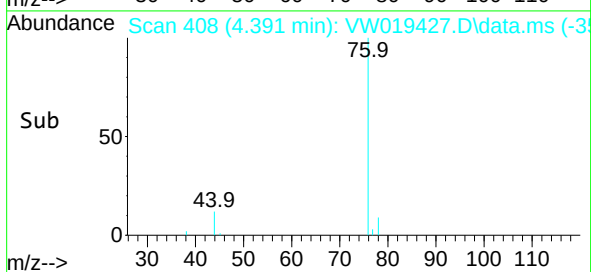
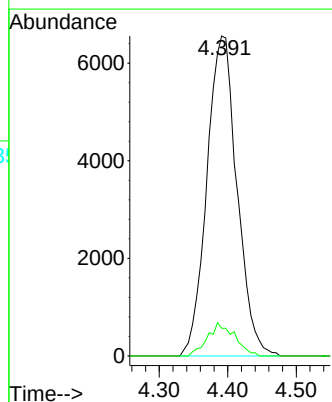
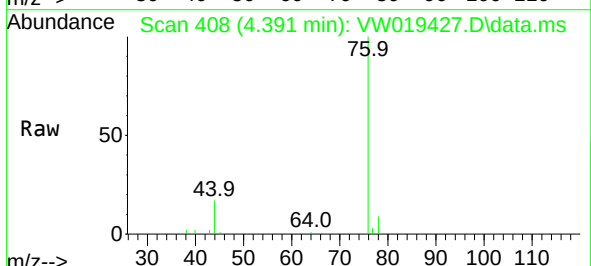
Instrument :
MSVOA_W
ClientSampled :

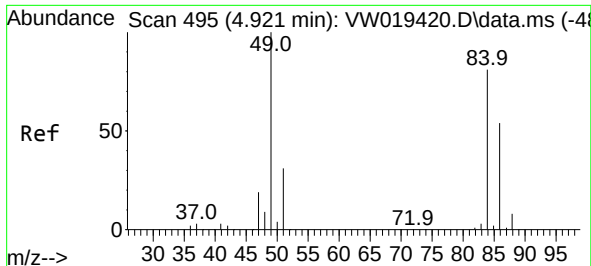
Tgt Ion: 43 Resp: 56613
Ion Ratio Lower Upper
43 100
58 33.3 0.0 53.8



#14
Carbon disulfide
Concen: 1.075 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019427.D
Acq: 12 Jul 2021 12:46

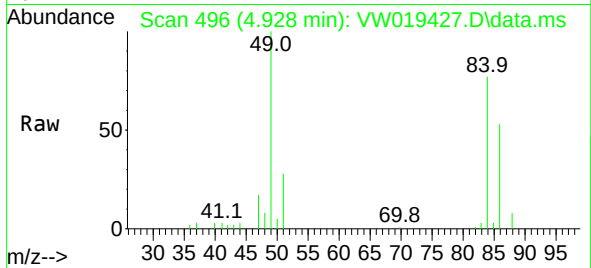
Tgt Ion: 76 Resp: 20050
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





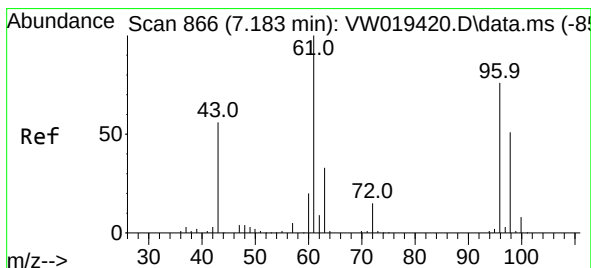
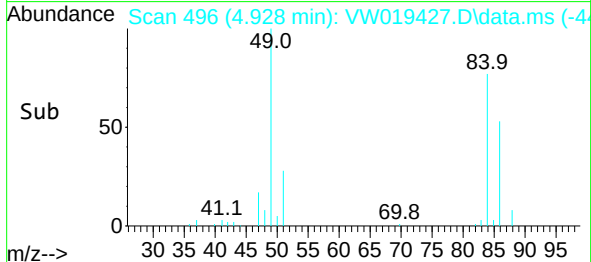
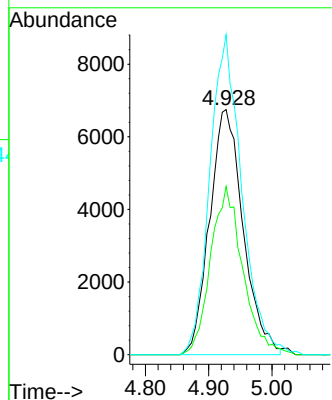
#16
Methylene chloride
Concen: 2.793 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019427.D
Acq: 12 Jul 2021 12:46

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 24849

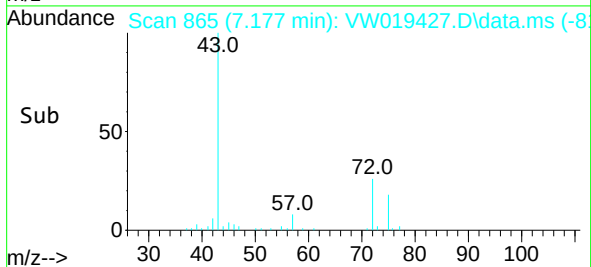
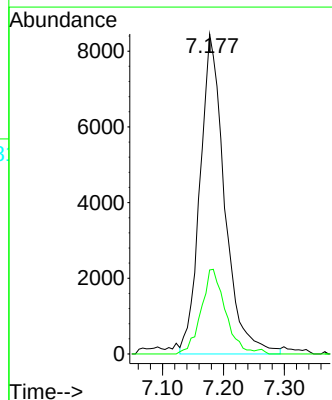
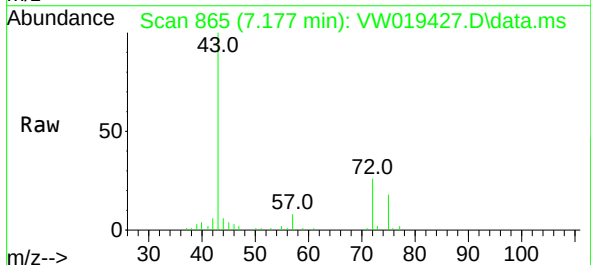
Ion	Ratio	Lower	Upper
84	100		
86	68.6	45.3	84.1
49	130.6	86.6	160.8

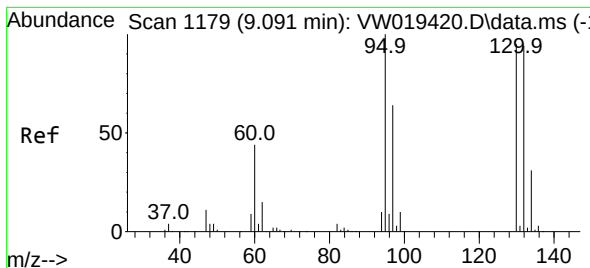


#22
2-Butanone
Concen: 11.346 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019427.D
Acq: 12 Jul 2021 12:46

Tgt Ion: 43 Resp: 23737

Ion	Ratio	Lower	Upper
43	100		
72	25.9	14.9	44.7





#34

Trichloroethene

Concen: 2.153 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW019427.D

Acq: 12 Jul 2021 12:46

Tgt Ion: 95 Resp: 13394

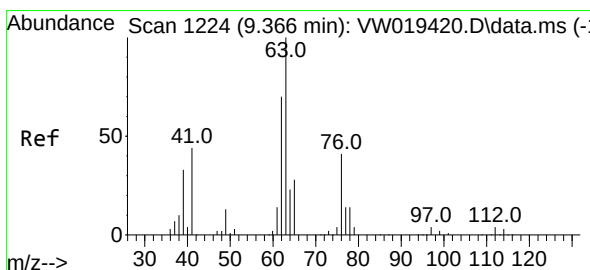
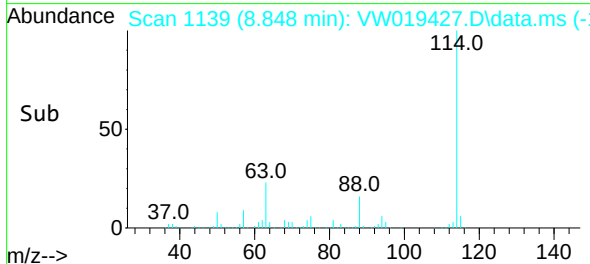
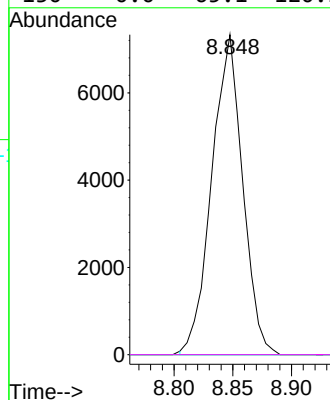
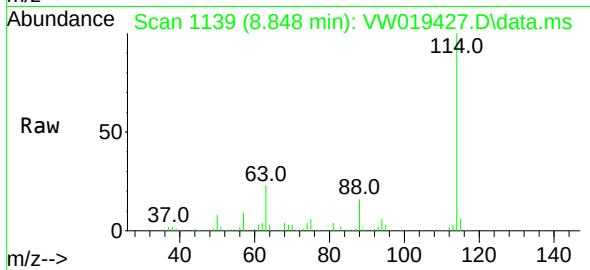
Ion Ratio Lower Upper

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: 2.641 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW019427.D

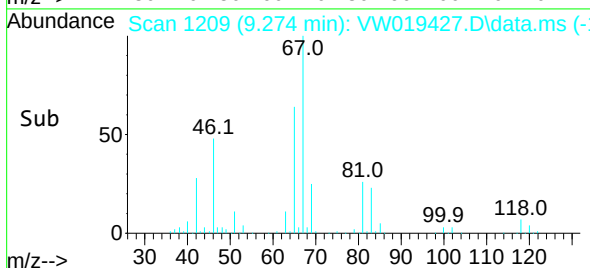
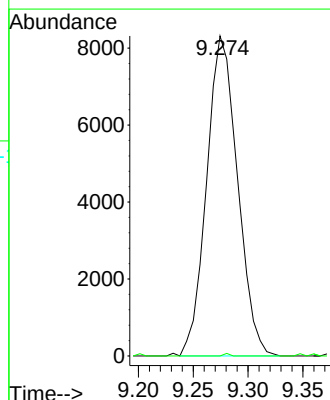
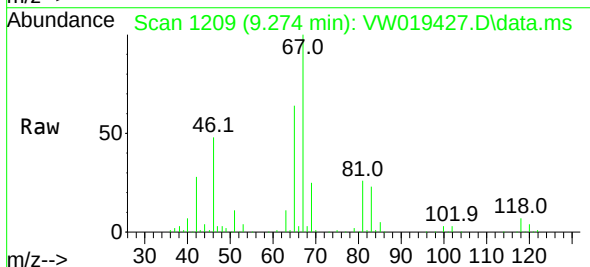
Acq: 12 Jul 2021 12:46

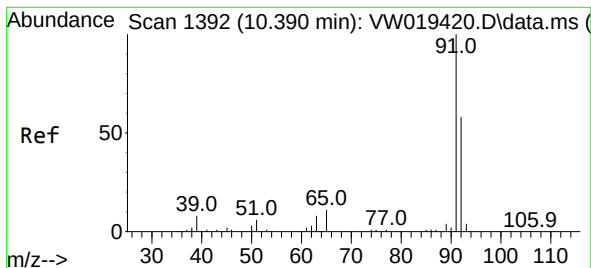
Tgt Ion: 63 Resp: 16316

Ion Ratio Lower Upper

63 100

112 0.1 3.9 5.9#





#42

Toluene

Concen: 0.550 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019427.D

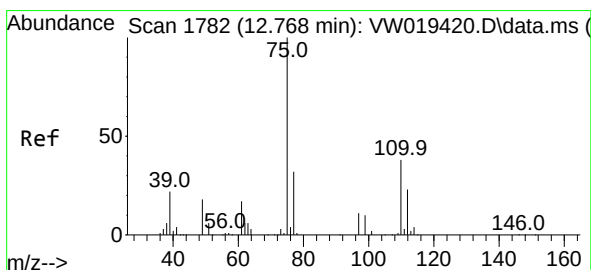
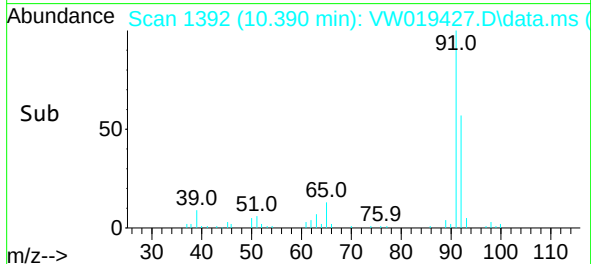
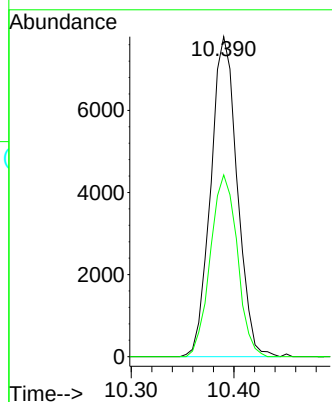
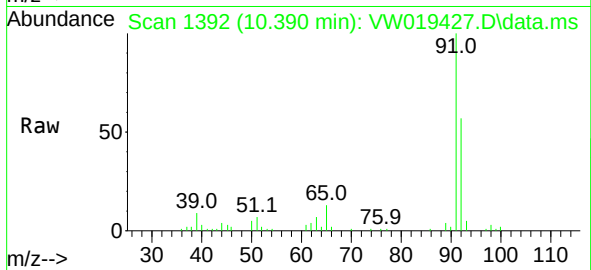
Acq: 12 Jul 2021 12:46

Tgt Ion: 91 Resp: 13962

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 5.386 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW019427.D

Acq: 12 Jul 2021 12:46

Tgt Ion: 75 Resp: 18511

Ion Ratio Lower Upper

75 100

77 34.7 25.3 37.9

110 2.1 32.6 48.8#

