

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019899.D
 Acq On : 05 Jan 2021 16:04
 Operator : SY/MD
 Sample : M1016-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W0

Manual Integrations
 APPROVED

MMDadoda
 1/6/2021 3:31:30 PM

Quant Time: Jan 06 08:08:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	533614	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	508327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	250901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	187255	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.57	69	158941	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.84%
11) 1,1-Dichloroethene-d2	2.11	63	284689	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
21) 2-Butanone-d5	3.88	46	290582	94.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.94%
24) Chloroform-d	4.35	84	362444	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.04	65	256726	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.05	84	715874	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
36) 1,2-Dichloropropane-d6	6.07	67	231884	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.32	98	636086	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%
43) trans-1,3-Dichloropropene-	7.63	79	106002	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.09	63	191938	96.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.49%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	297513	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	243488	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

					Ovalue
5) Vinyl chloride	1.31	62	11811	2.383 ug/L #	78
20) cis-1,2-Dichloroethene	3.92	96	97934m	23.577 ug/L	
29) Cyclohexane	4.69	56	51813	7.961 ug/L	97
34) Trichloroethene	5.92	95	16641	3.923 ug/L	96
35) Methylcyclohexane	6.14	83	28930	4.548 ug/L #	59
46) Tetrachloroethene	7.98	164	53625	18.931 ug/L	98
53) m,p-Xylene	9.15	106	21117	3.146 ug/L	99
56) Isopropylbenzene	9.94	105	240345	13.675 ug/L	100

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

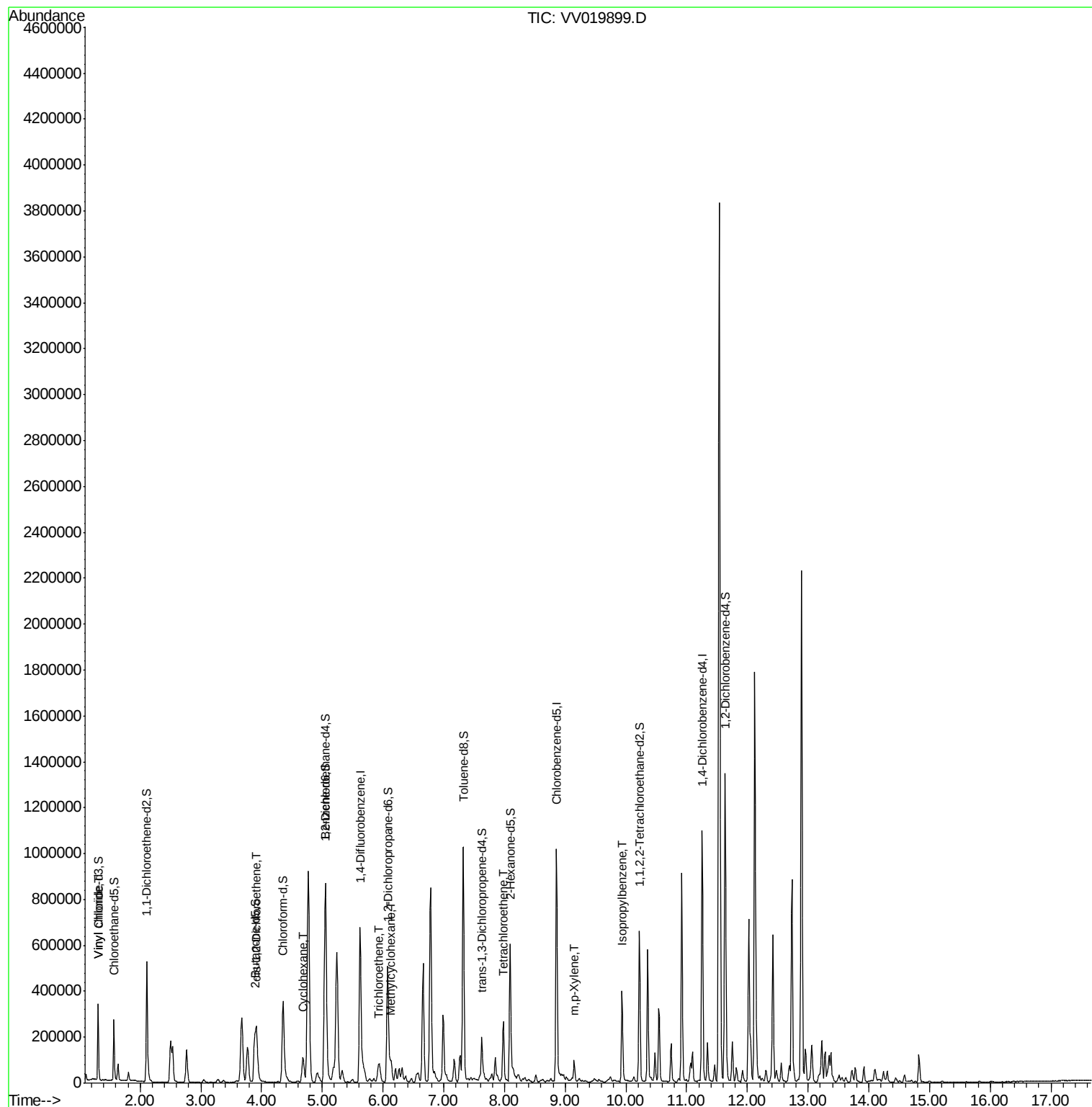
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

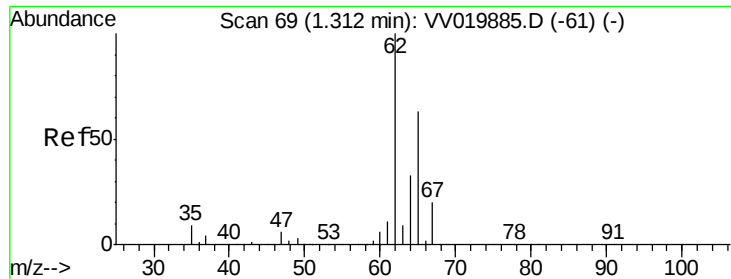
Instrument :
MSVOA_V
ClientSampleId :
BG4W0

Manual Integrations
APPROVED

MMDadoda
1/6/2021 3:31:30 PM

Quant Time: Jan 06 08:08:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 06 07:08:24 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.383 ug/L

RT: 1.31 min Scan# 69

Delta R.T. 0.00 min

Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

Instrument :

MSVOA_V

ClientSampled :

BG4W0

Tot Ion: 62 Resp: 11811

Ion Ratio Lower Upper

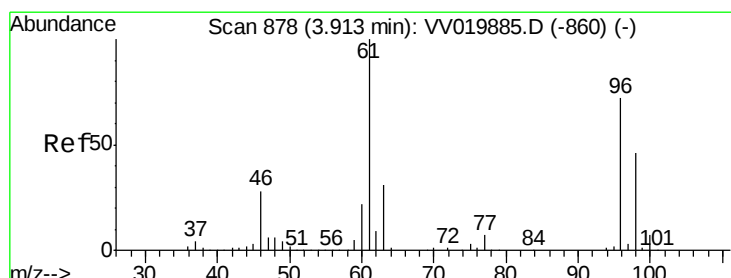
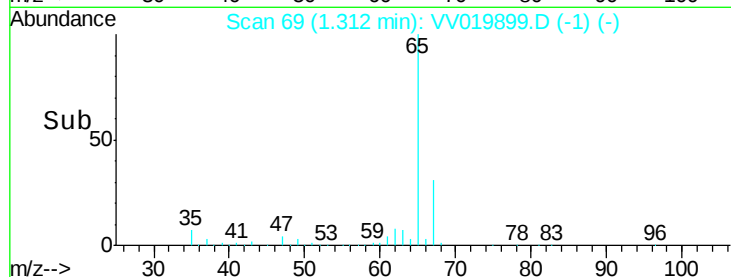
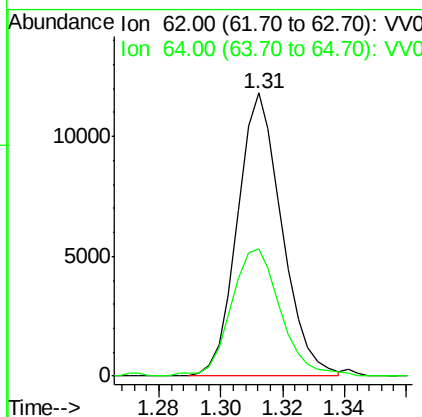
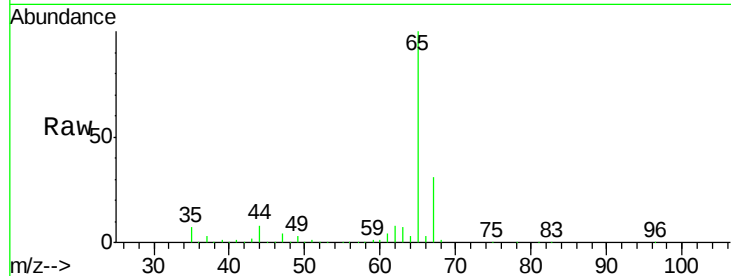
62 100

64 45.0 23.0 42.6#

Manual Integrations
APPROVED

MMDadoda

1/6/2021 3:31:30 PM



#20

cis-1,2-Dichloroethene

Concen: 23.577 ug/L m

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

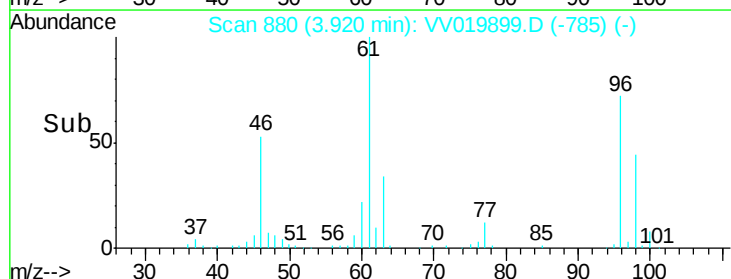
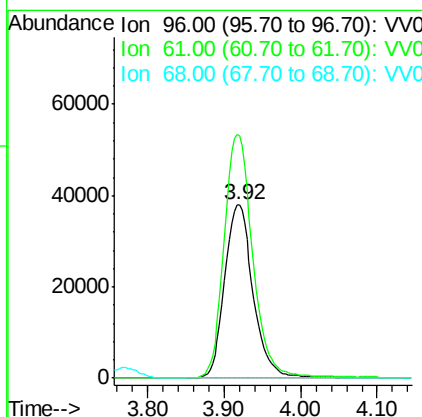
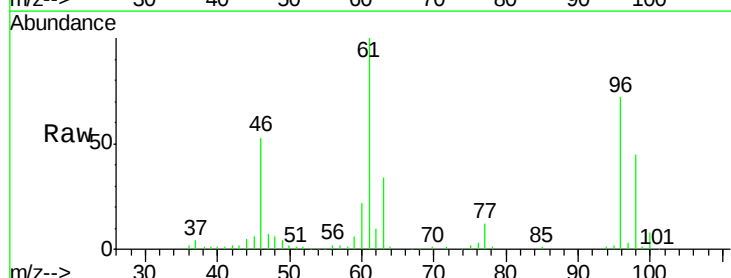
Tgt Ion: 96 Resp: 97934

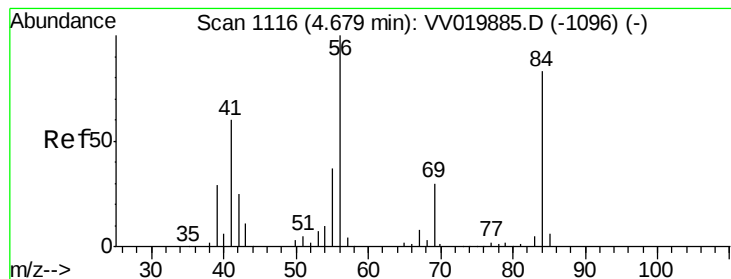
Ion Ratio Lower Upper

96 100

61 139.5 96.9 179.9

68 0.3 0.0 0.0#





#29

Cvclohexane

Concen: 7.961 ug/L

RT: 4.69 min Scan# 1118

Delta R.T. 0.01 min

Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

Instrument :

MSVOA_V

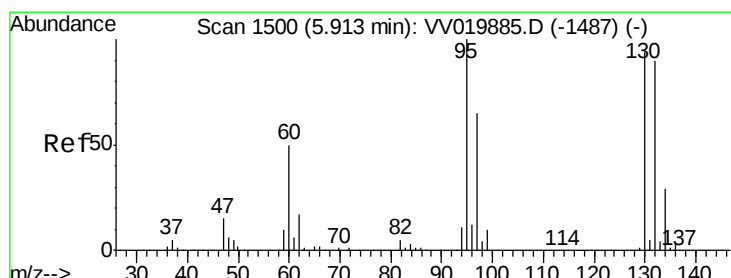
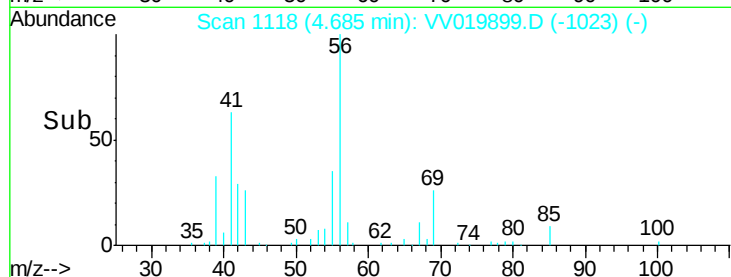
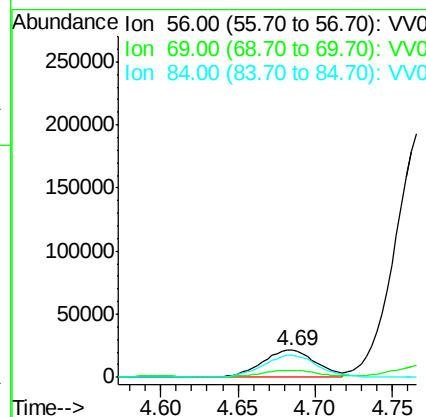
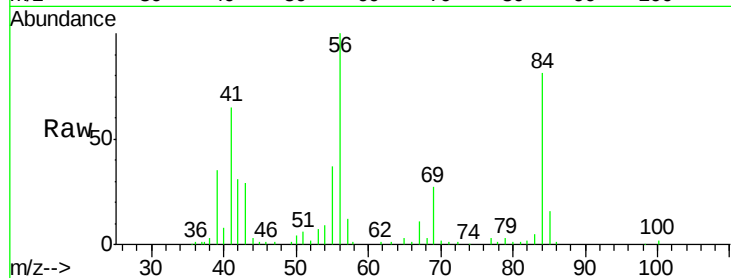
ClientSampled :

BG4W0

Tot Ion:	56	Resp:	51813
Ion Ratio	Lower	Upper	
56	100		
69	25.9	24.2	36.2
84	81.9	66.3	99.5

Manual Integrations
APPROVED

MMDadoda
1/6/2021 3:31:30 PM



#34

Trichloroethene

Concen: 3.923 ug/L

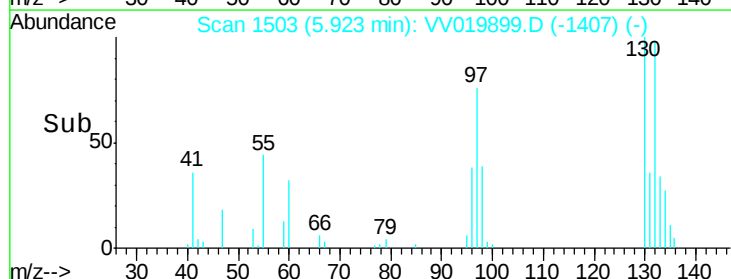
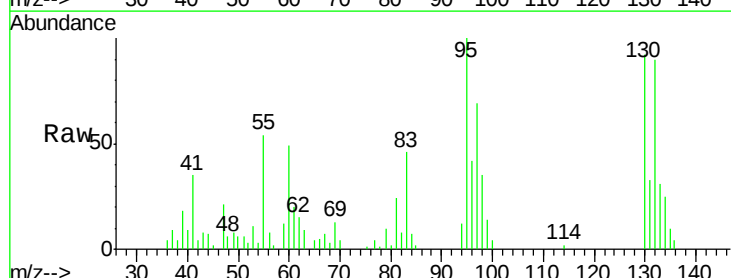
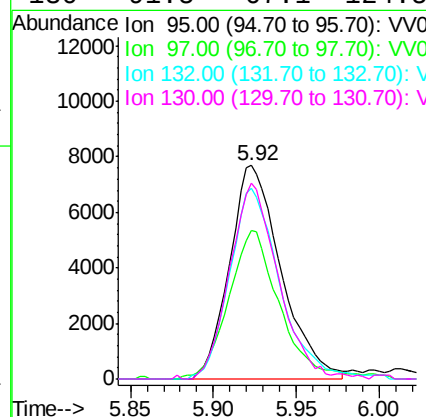
RT: 5.92 min Scan# 1503

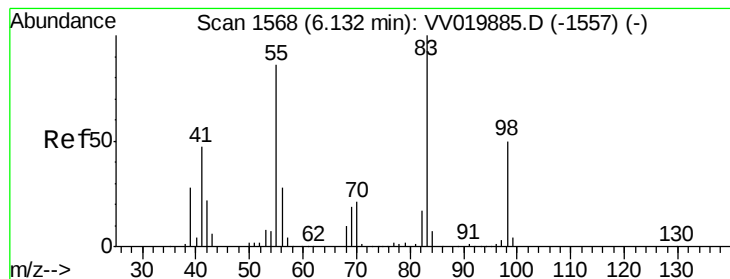
Delta R.T. 0.01 min

Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

Tgt Ion:	95	Resp:	16641
Ion Ratio	Lower	Upper	
95	100		
97	69.4	44.5	82.7
132	89.6	63.4	117.8
130	91.5	67.1	124.5





#35

Methvlcvclohexane

Concen: 4.548 ug/L

RT: 6.14 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

Instrument :

MSVOA_V

ClientSampled :

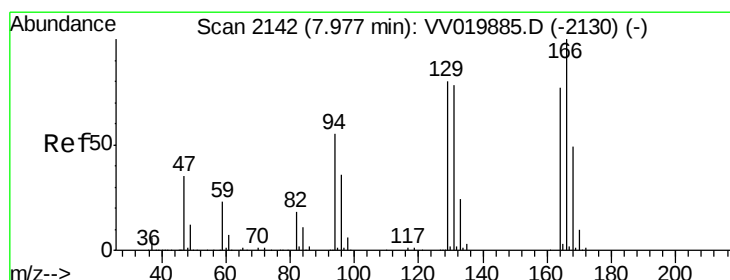
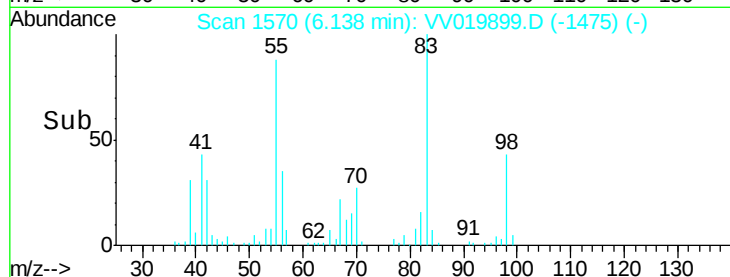
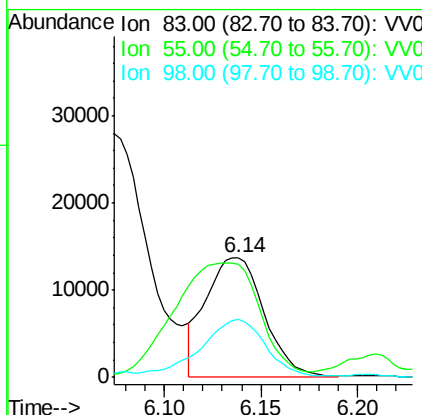
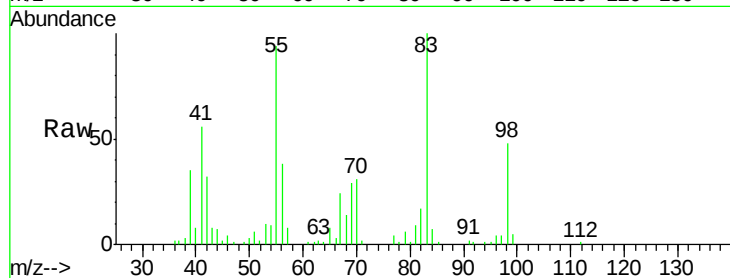
BG4W0

Tot Ion: 83 Resp: 28930

Ion	Ratio	Lower	Upper
83	100		
55	135.8	65.1	97.7#
98	52.9	38.2	57.2

Manual Integrations
APPROVED

MMDadoda
1/6/2021 3:31:30 PM



#46

Tetrachloroethene

Concen: 18.931 ug/L

RT: 7.98 min Scan# 2143

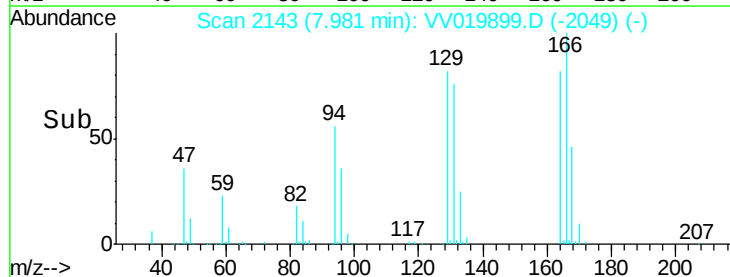
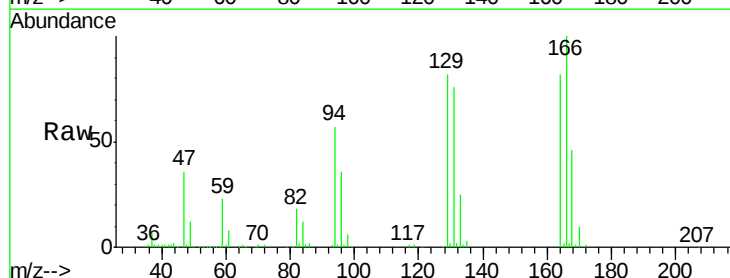
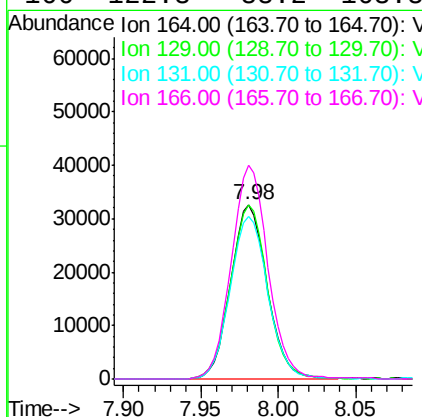
Delta R.T. 0.00 min

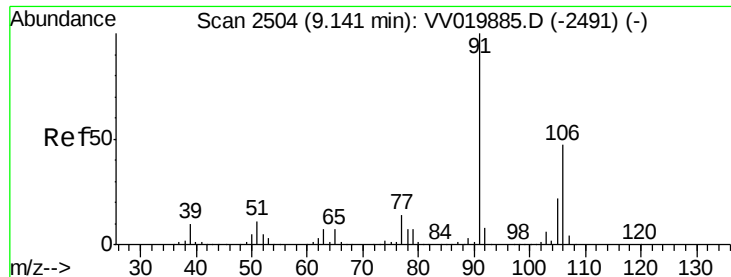
Lab File: VV019899.D

Acq: 05 Jan 2021 16:04

Tgt Ion: 164 Resp: 53625

Ion	Ratio	Lower	Upper
164	100		
129	100.0	70.6	131.0
131	92.9	66.8	124.0
166	122.3	88.2	163.8





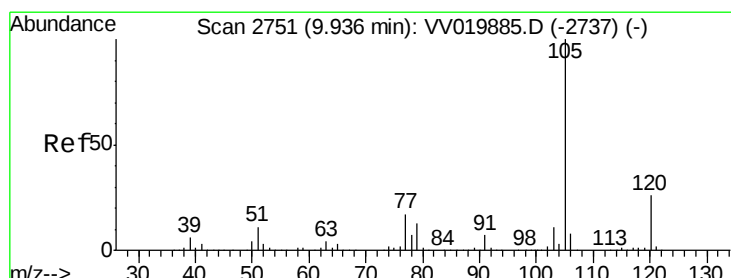
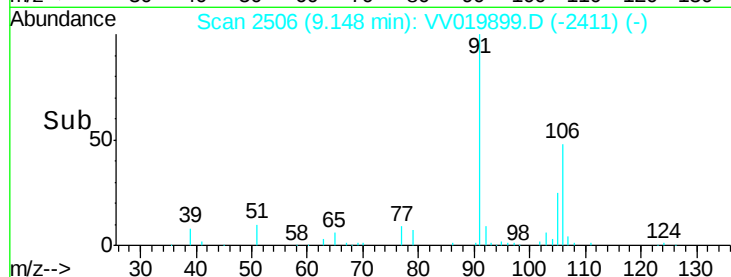
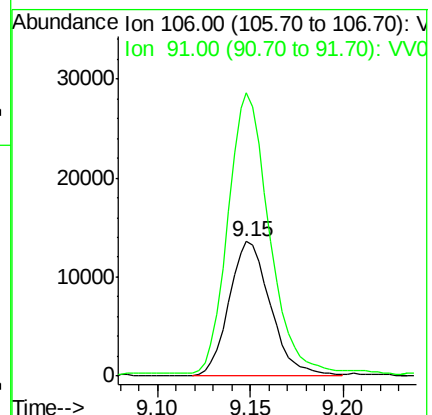
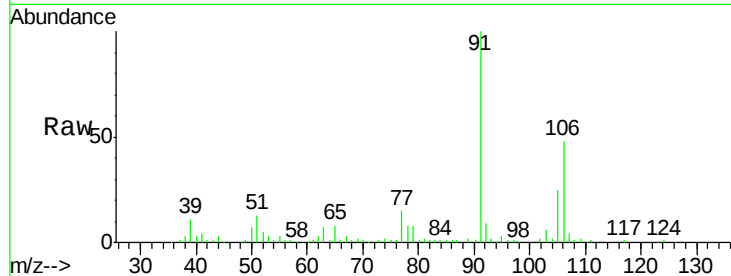
#53
m,p-Xylene
Concen: 3.146 ug/L
RT: 9.15 min Scan# 2506
Delta R.T. 0.01 min
Lab File: VV019899.D
Acq: 05 Jan 2021 16:04

Instrument :
MSVOA_V
ClientSampled :
BG4W0

Tot Ion:106 Resp: 21117
Ion Ratio Lower Upper
106 100
91 210.0 148.1 275.0

Manual Integrations
APPROVED

MMDadoda
1/6/2021 3:31:30 PM



#56
Isopropylbenzene
Concen: 13.675 ug/L
RT: 9.94 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VV019899.D
Acq: 05 Jan 2021 16:04

Tgt Ion:105 Resp: 240345
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 17.3 13.6 20.4

