

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018042.D
 Acq On : 18 Aug 2020 10:22
 Operator : SY/MD
 Sample : VV0818MBL01
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:55:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286315	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96240	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.10%
7) Chloroethane-d5	1.58	69	82677	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.12	63	144980	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	3.91	46	123773	86.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.51%
24) Chloroform-d	4.37	84	175169	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.05	65	118517	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.07	84	352228	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.09	67	114171	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.42%
41) Toluene-d8	7.33	98	312852	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.64	79	52827	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.11	63	60564	75.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	134179	41.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	129820	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

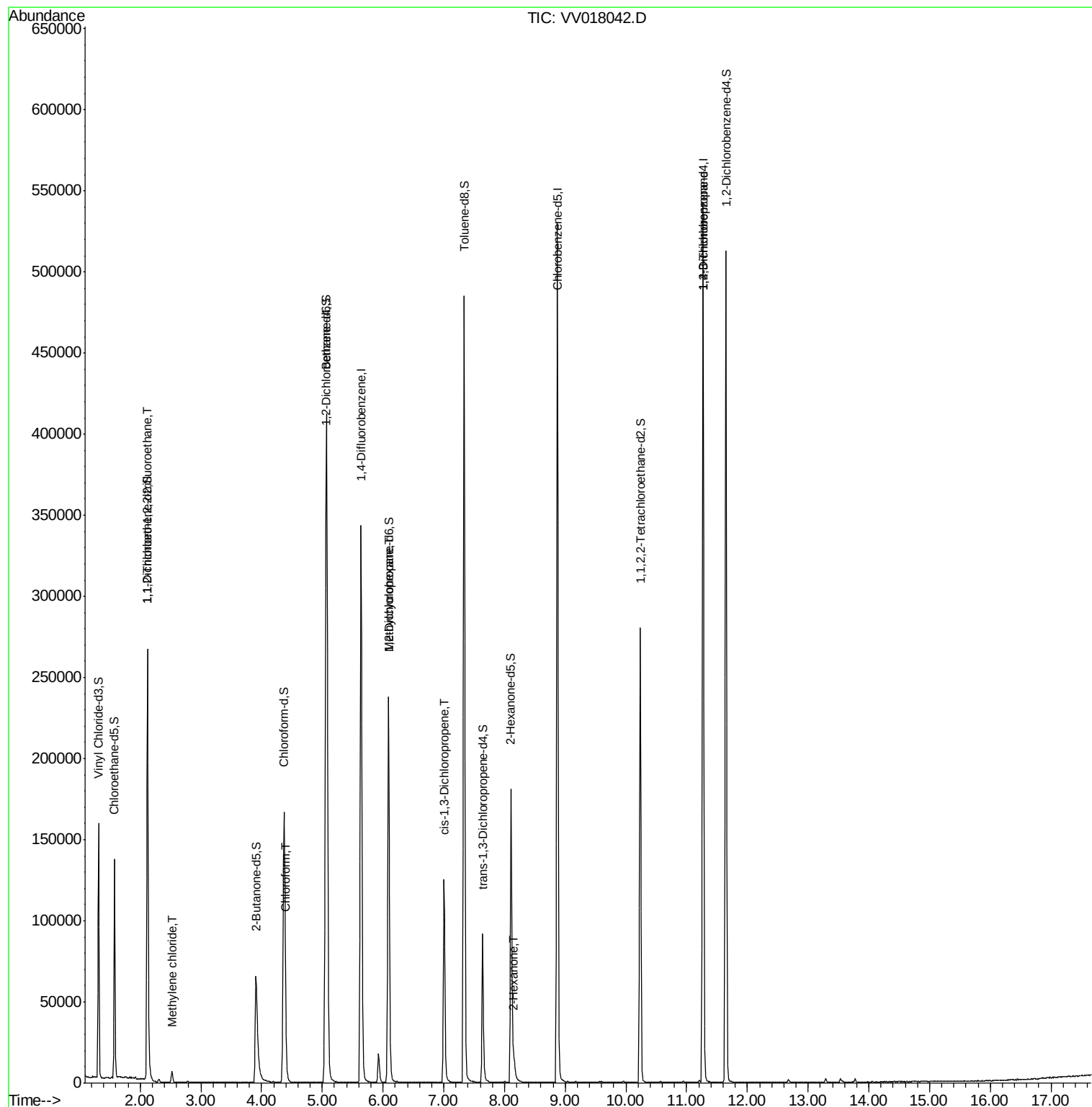
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1417	0.698	ug/L #	30
16) Methylene chloride	2.53	84	2728	1.115	ug/L	98
25) Chloroform	4.40	83	5297	1.308	ug/L	96
35) Methylcyclohexane	6.09	83	26775	7.943	ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	2924	0.882	ug/L #	44
48) 2-Hexanone	8.16	43	7308	2.964	ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	16745	5.797	ug/L	91

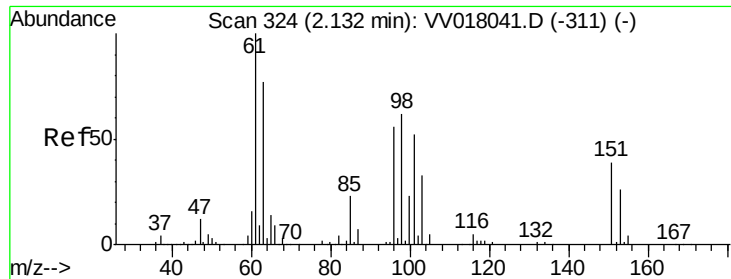
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 07:54:18 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.698 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018042.D

Acq: 18 Aug 2020 10:22

Instrument :

MSVOA_V

ClientSampleId :

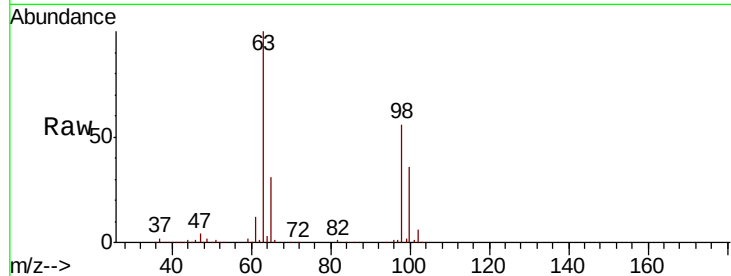
Tot Ion:101 Resp: 1417

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

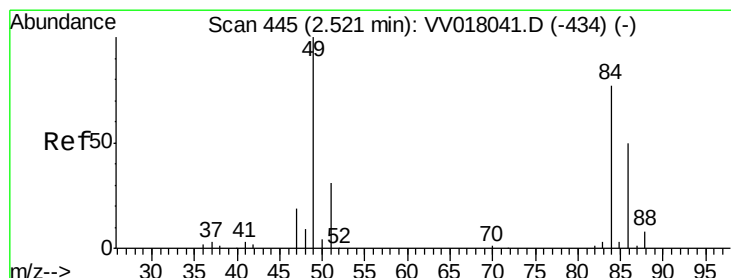
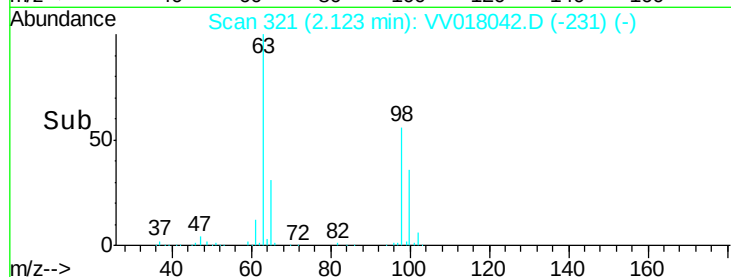
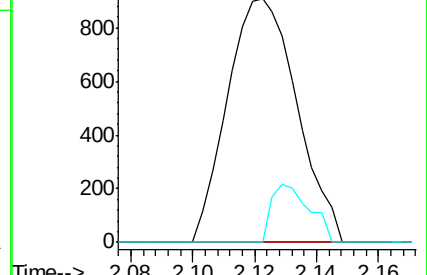
151 13.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.115 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV018042.D

Acq: 18 Aug 2020 10:22

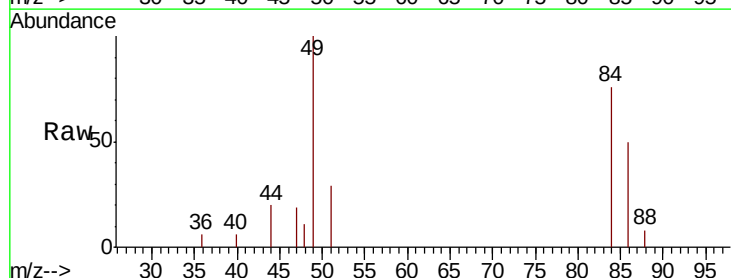
Tgt Ion: 84 Resp: 2728

Ion Ratio Lower Upper

84 100

86 65.2 46.3 85.9

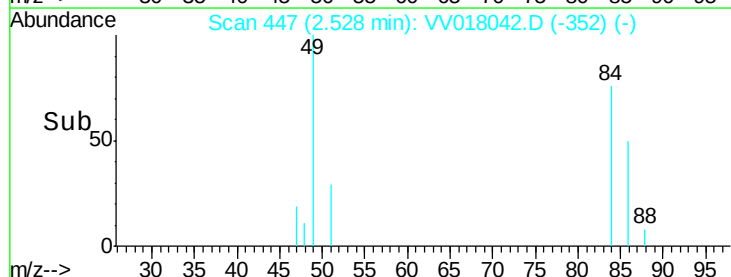
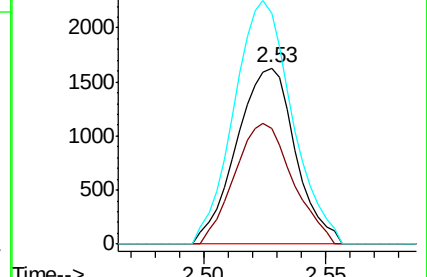
49 131.1 89.7 166.5

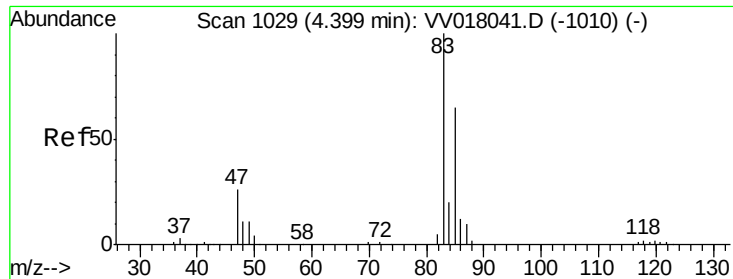


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

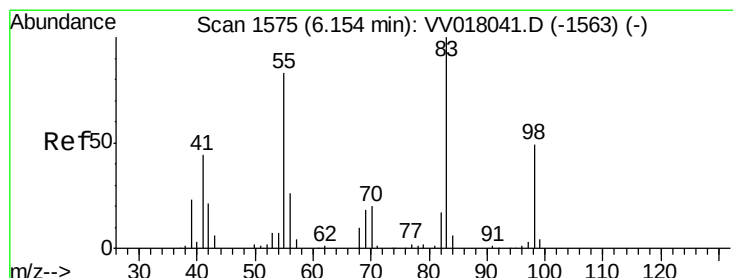
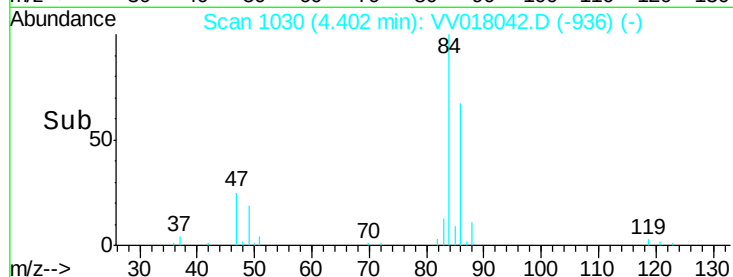
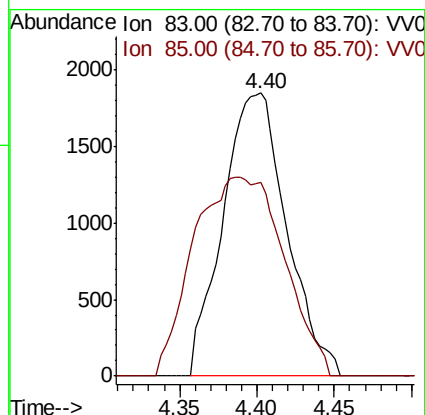
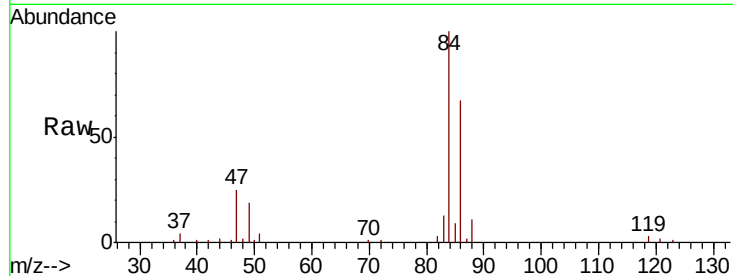




#25
Chloroform
Concen: 1.308 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018042.D
Acq: 18 Aug 2020 10:22

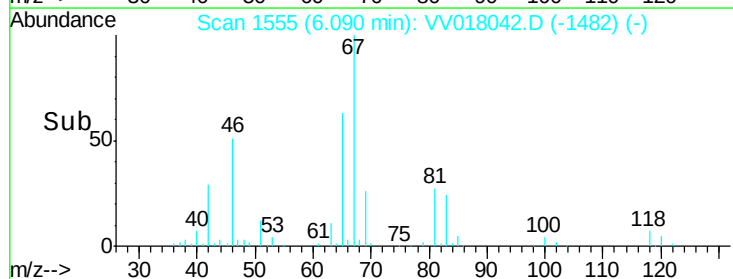
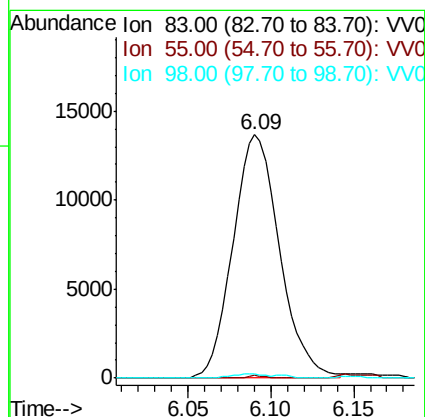
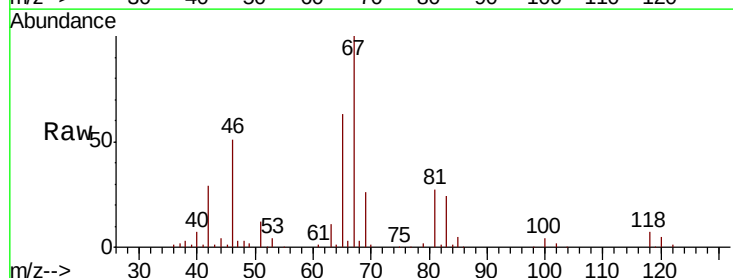
Instrument :
MSVOA_V
ClientSampleId :

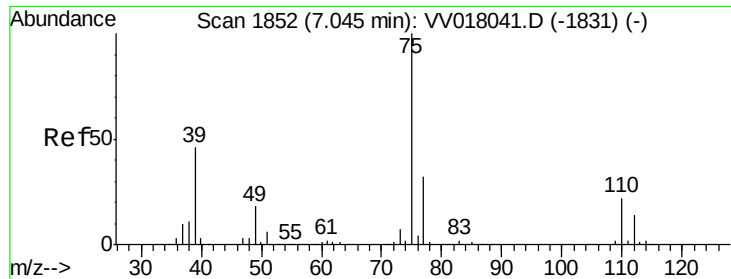
Tot Ion: 83 Resp: 5297
Ion Ratio Lower Upper
83 100
85 68.3 45.5 84.5



#35
Methylcyclohexane
Concen: 7.943 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018042.D
Acq: 18 Aug 2020 10:22

Tgt Ion: 83 Resp: 26775
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.2 38.7 58.1#

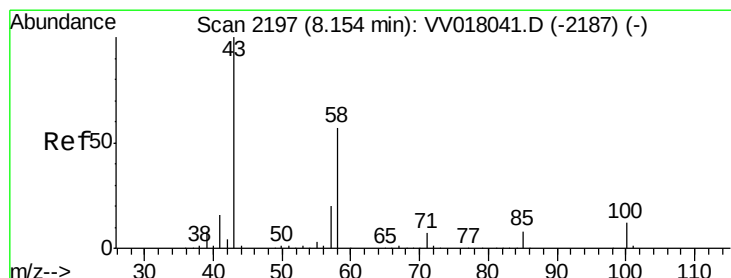
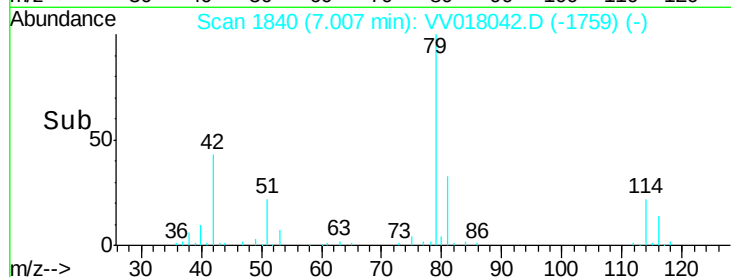
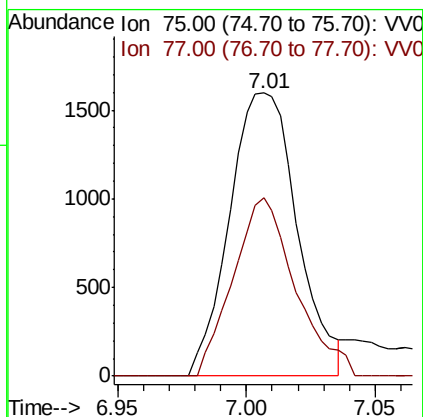
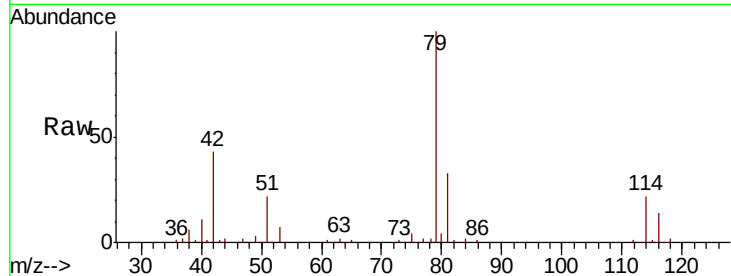




#39
 cis-1,3-Dichloropropene
 Concen: 0.882 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018042.D
 Acq: 18 Aug 2020 10:22

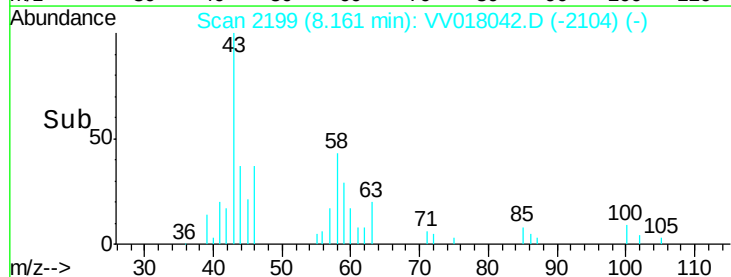
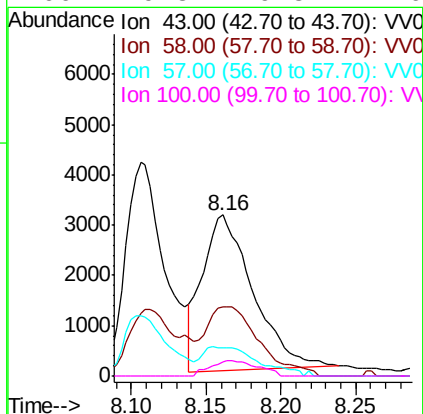
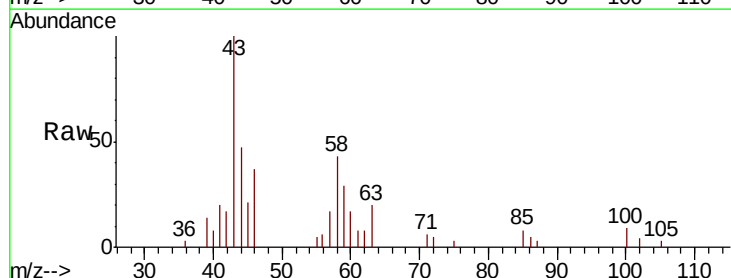
Instrument :
 MSVOA_V
 ClientSampleId :

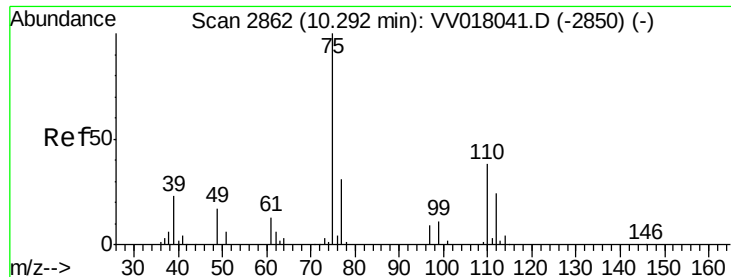
Tot Ion: 75 Resp: 2924
 Ion Ratio Lower Upper
 75 100
 77 63.1 22.3 41.5#



#48
 2-Hexanone
 Concen: 2.964 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018042.D
 Acq: 18 Aug 2020 10:22

Tgt Ion: 43 Resp: 7308
 Ion Ratio Lower Upper
 43 100
 58 45.5 44.4 66.6
 57 3.5 15.2 22.8#
 100 9.3 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.797 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018042.D

Acq: 18 Aug 2020 10:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16745

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5

