

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018168.D
 Acq On : 09 Sep 2020 15:16
 Operator : SY/MD
 Sample : L3949-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Sep 10 03:38:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	299473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116630	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.58%
7) Chloroethane-d5	1.58	69	98526	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.68%
11) 1,1-Dichloroethene-d2	2.12	63	168307	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.18%
21) 2-Butanone-d5	3.91	46	154444	103.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.39%
24) Chloroform-d	4.37	84	203612	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.05	65	137996	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.07	84	421933	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.09	67	136668	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.72%
41) Toluene-d8	7.34	98	379760	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%
43) trans-1,3-Dichloropropene-	7.64	79	65468	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
47) 2-Hexanone-d5	8.11	63	95627	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161843	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	160060	53.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.64%

Target Compounds

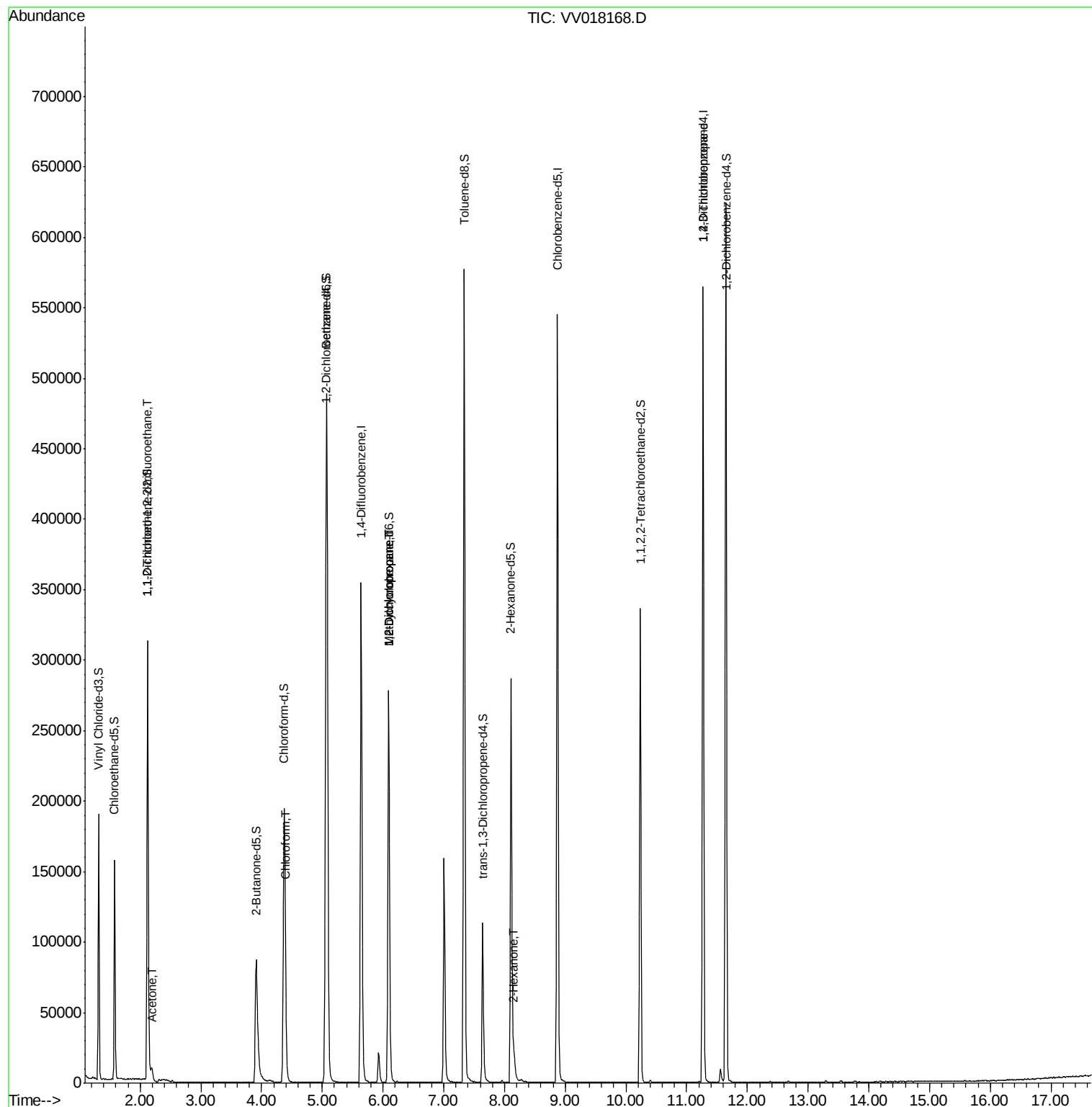
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1487	0.736	ug/L #	19
13) Acetone	2.19	43	11571	9.673	ug/L	99
25) Chloroform	4.40	83	5816	1.493	ug/L	89
35) Methylcyclohexane	6.09	83	32710	9.442	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	14589	6.519	ug/L #	87
48) 2-Hexanone	8.16	43	9295	4.342	ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	17028	6.469	ug/L	95

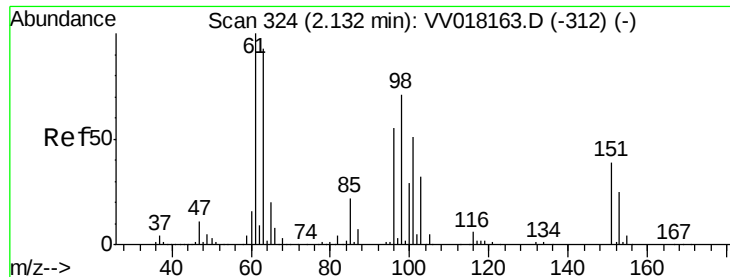
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 10 03:30:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018168.D

Acq: 09 Sep 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

C0AK4

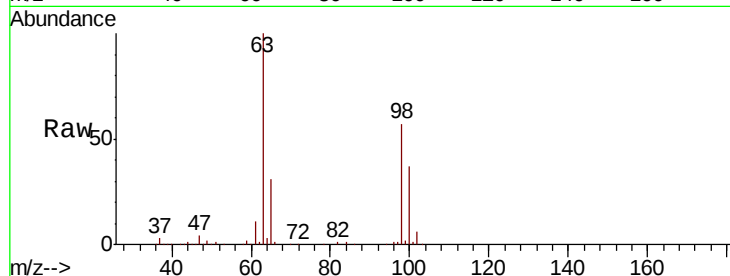
Tot Ion:101 Resp: 1487

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

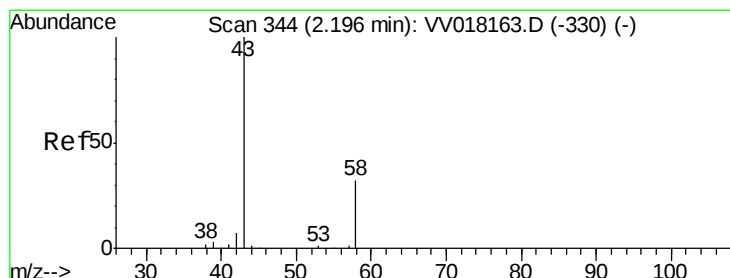
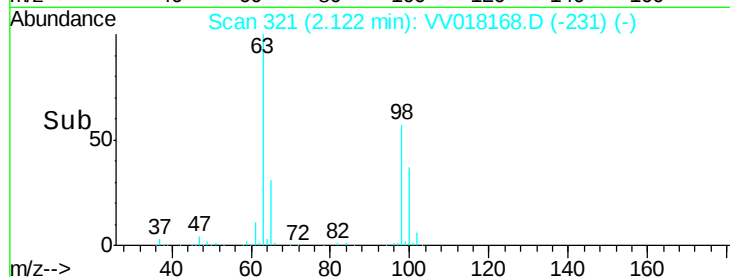
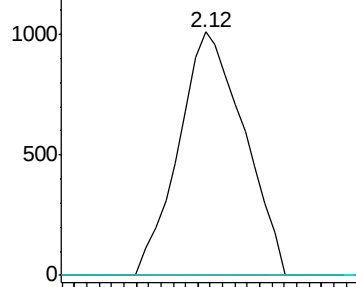
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 9.673 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV018168.D

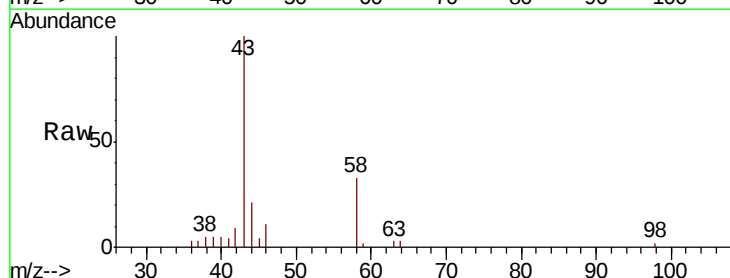
Acq: 09 Sep 2020 15:16

Tgt Ion: 43 Resp: 11571

Ion Ratio Lower Upper

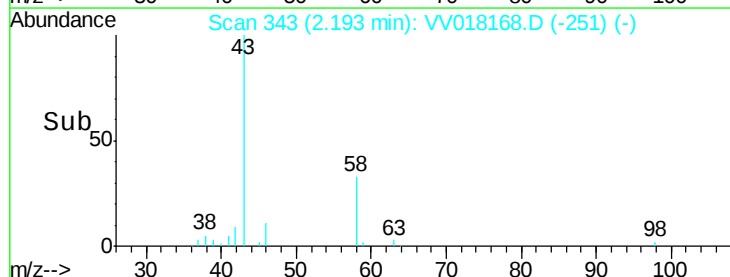
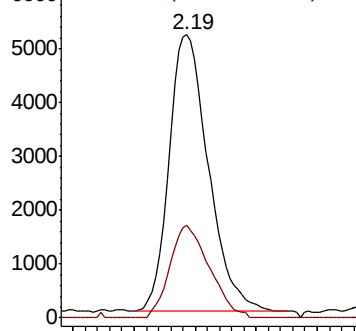
43 100

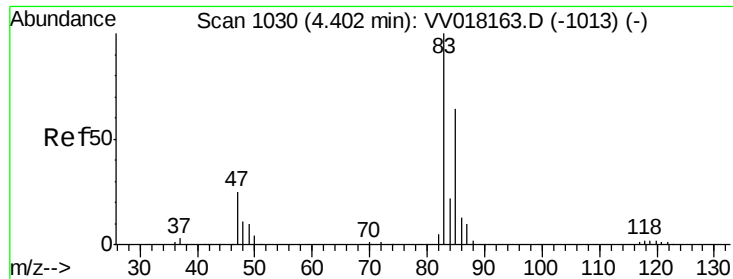
58 33.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

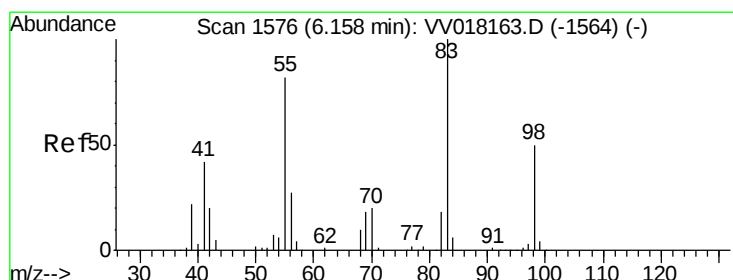
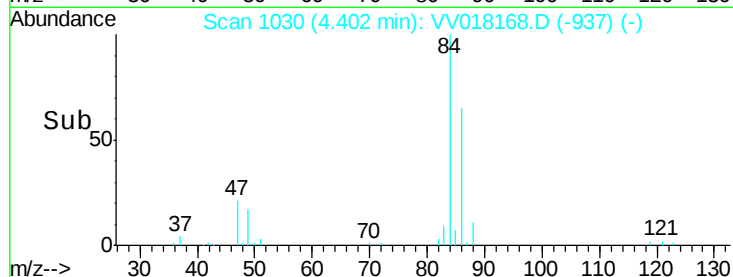
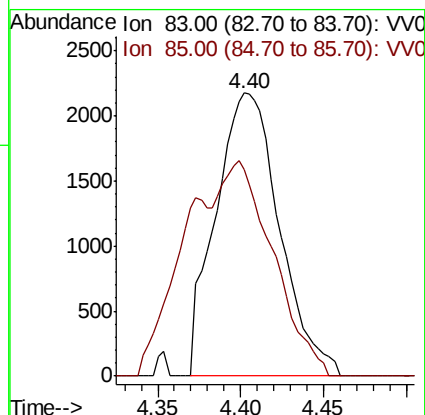
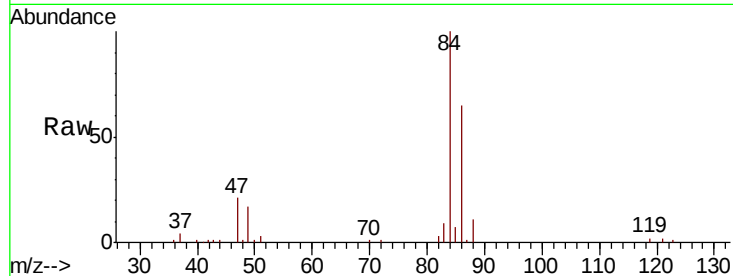




#25
Chloroform
Concen: 1.493 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018168.D
Acq: 09 Sep 2020 15:16

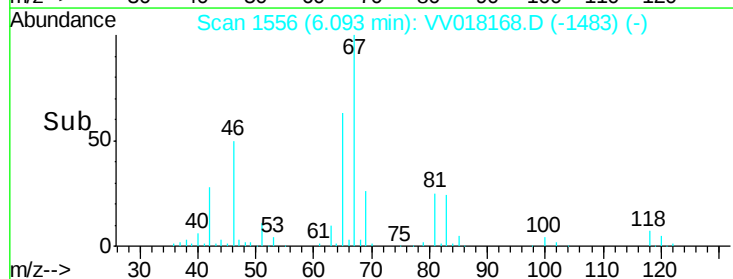
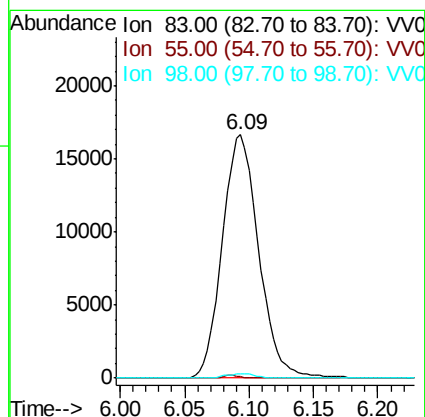
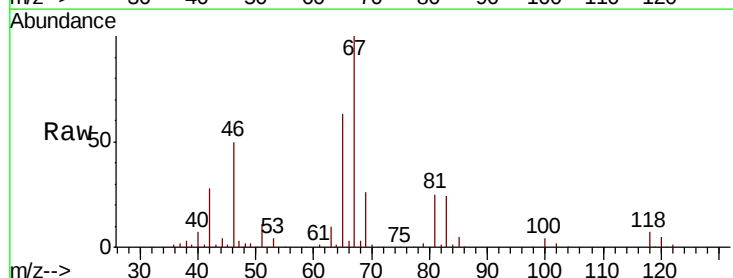
Instrument :
MSVOA_V
ClientSampled :
C0AK4

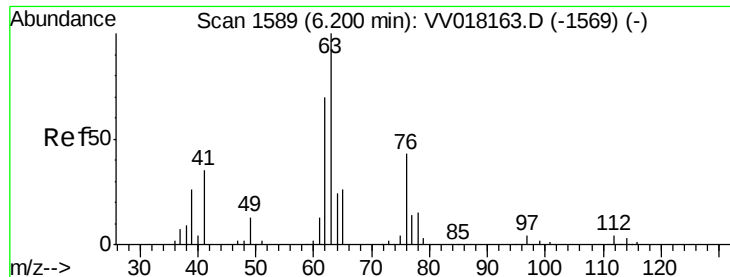
Tot Ion: 83 Resp: 5816
Ion Ratio Lower Upper
83 100
85 73.0 45.0 83.6



#35
Methylcyclohexane
Concen: 9.442 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018168.D
Acq: 09 Sep 2020 15:16

Tgt Ion: 83 Resp: 32710
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.3 38.8 58.2#

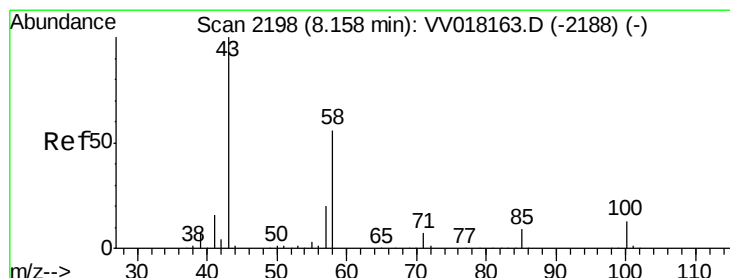
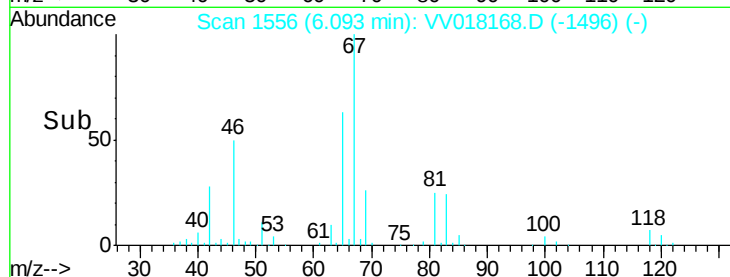
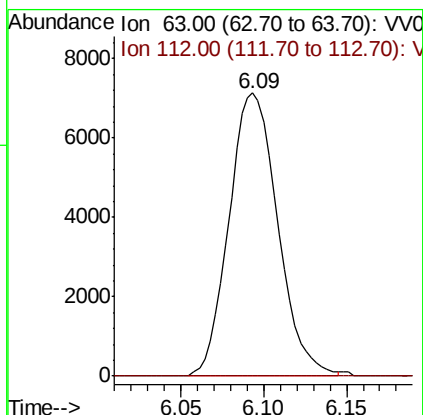
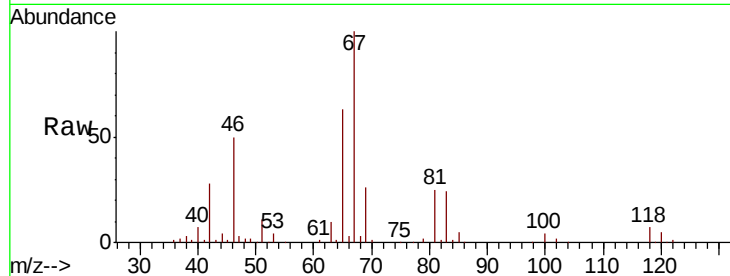




#37
 1,2-Dichloropropane
 Concen: 6.519 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV018168.D
 Acq: 09 Sep 2020 15:16

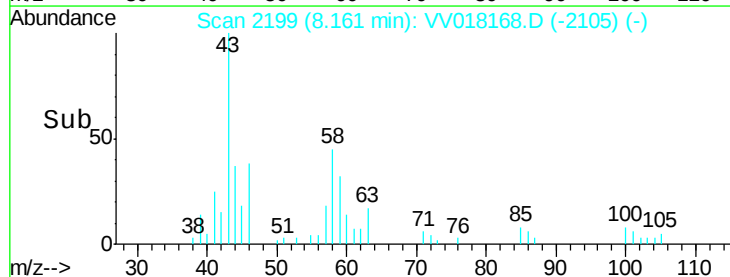
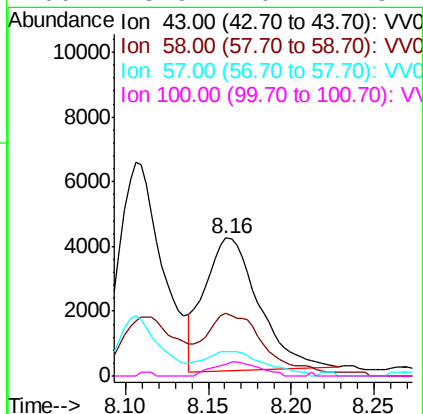
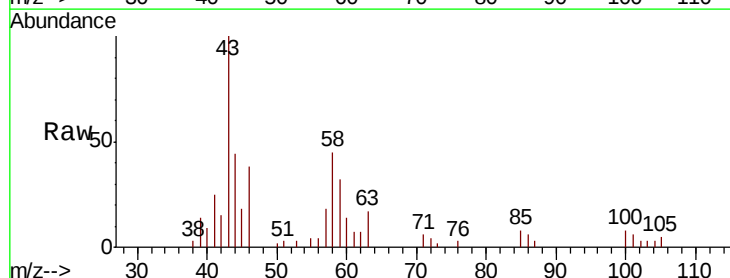
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

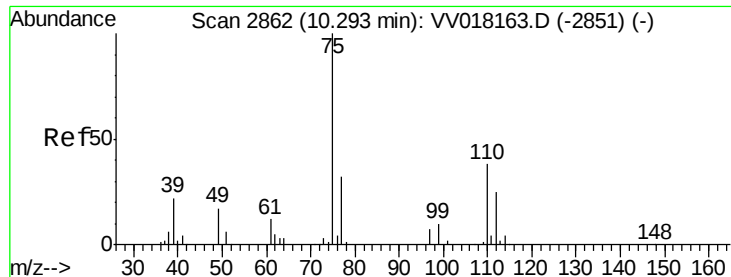
Tot Ion: 63 Resp: 14589
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 4.342 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018168.D
 Acq: 09 Sep 2020 15:16

Tgt Ion: 43 Resp: 9295
 Ion Ratio Lower Upper
 43 100
 58 38.9 44.8 67.2#
 57 21.0 15.8 23.6
 100 8.9 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.469 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018168.D

Acq: 09 Sep 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

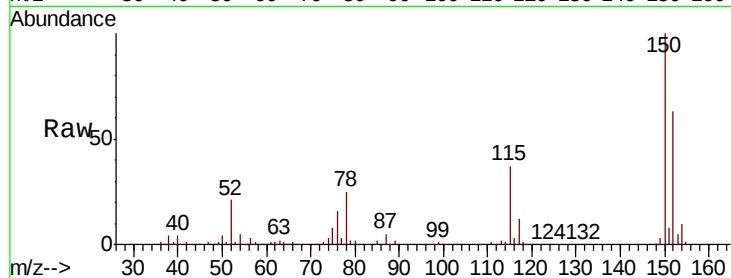
C0AK4

Tot Ion: 75 Resp: 17028

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

