

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014685.D
 Acq On : 22 Feb 2020 04:08
 Operator : SY/MD
 Sample : L1607-08 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216360	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31933	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.58%
7) Chloroethane-d5	1.59	69	27483	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.13	63	53664	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	3.96	46	75419	96.02	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.02%
24) Chloroform-d	4.40	84	130184	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.08	65	88819	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.10	84	254944	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	6.12	67	76389	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.36	98	238538	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%
43) trans-1,3-Dichloropropene-	7.66	79	38276	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
47) 2-Hexanone-d5	8.14	63	60678	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	106413	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.67	152	94158	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

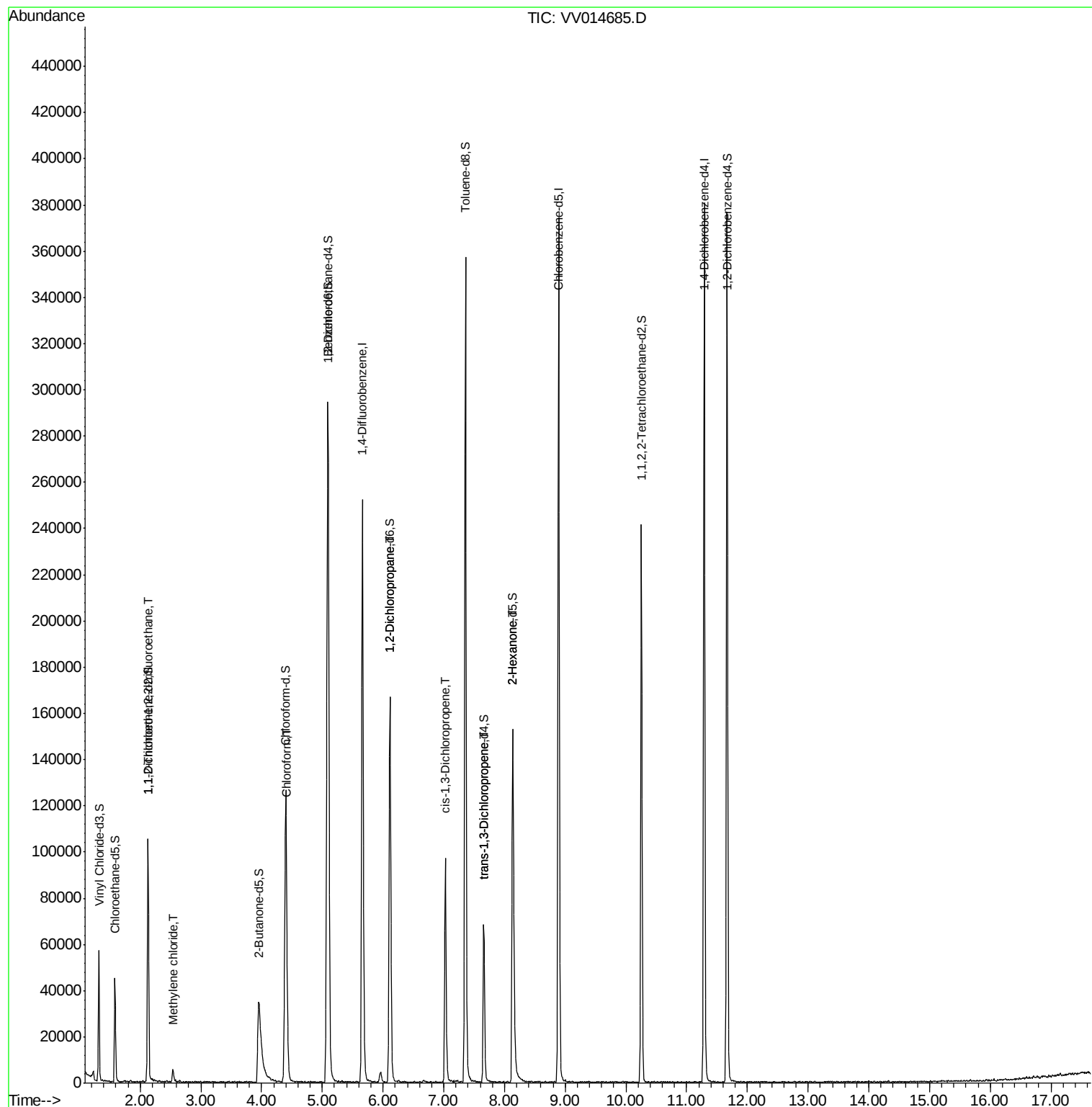
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	508	0.693 ug/L #	17
16) Methylene chloride	2.54	84	2640	1.919 ug/L	93
25) Chloroform	4.42	83	4959	1.849 ug/L	93
37) 1,2-Dichloropropane	6.11	63	8911	6.955 ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	2561	1.119 ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	2050	0.987 ug/L	87
48) 2-Hexanone	8.14	43	8204	6.590 ug/L #	77

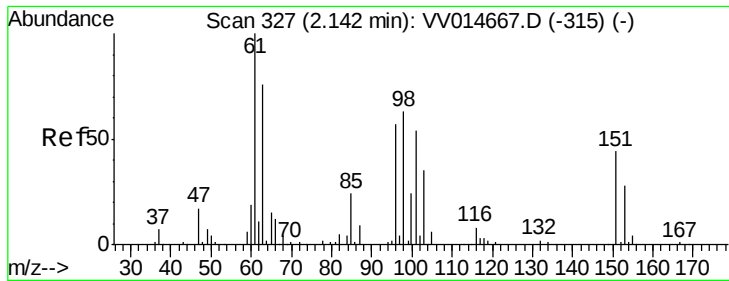
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.693 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014685.D

Acq: 22 Feb 2020 04:08

Instrument :

MSVOA_V

ClientSampled :

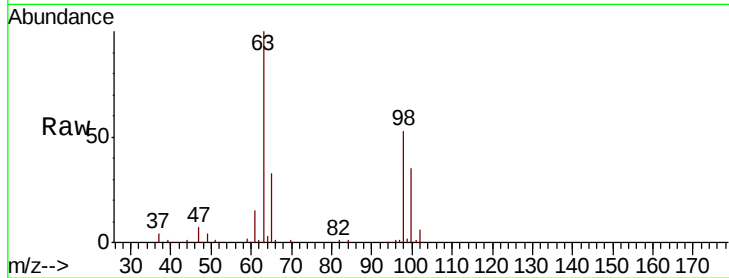
Tot Ion:101 Resp: 508

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

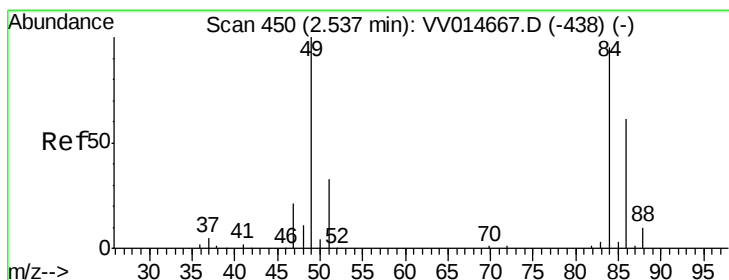
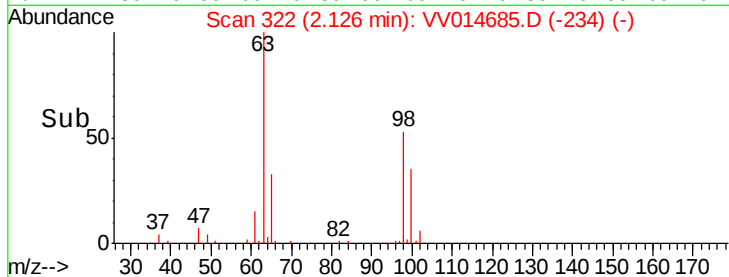
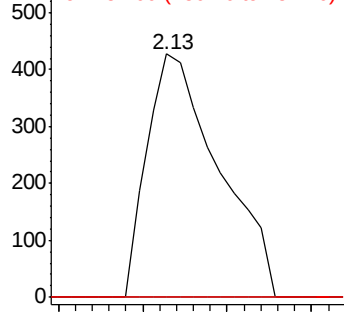
151 0.0 64.6 96.8#



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: 1.919 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV014685.D

Acq: 22 Feb 2020 04:08

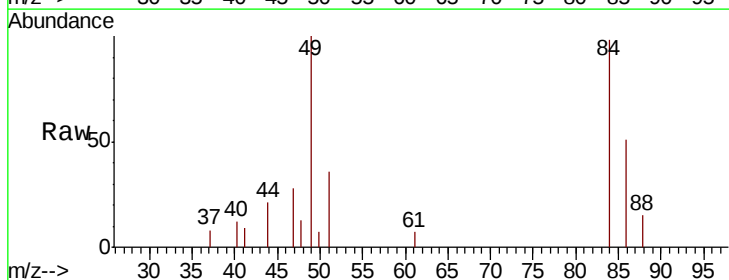
Tgt Ion: 84 Resp: 2640

Ion Ratio Lower Upper

84 100

86 52.6 44.4 82.4

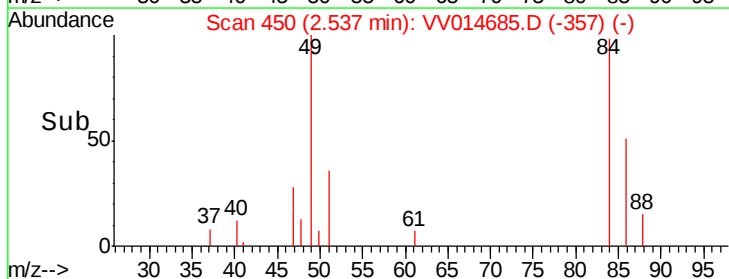
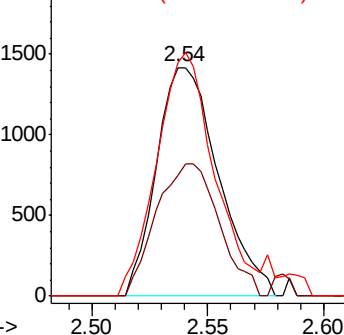
49 102.4 73.6 136.8

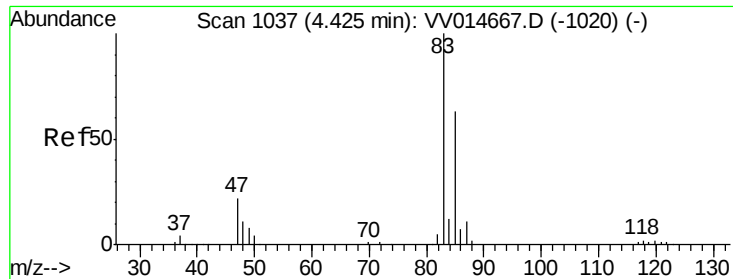


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

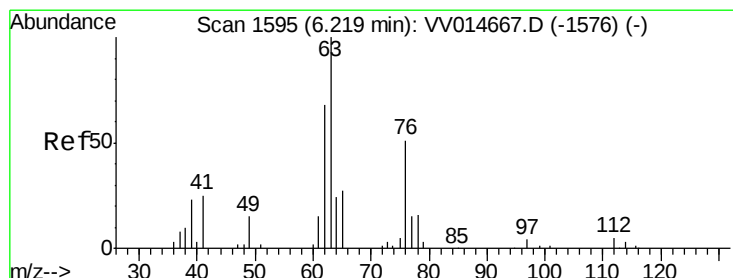
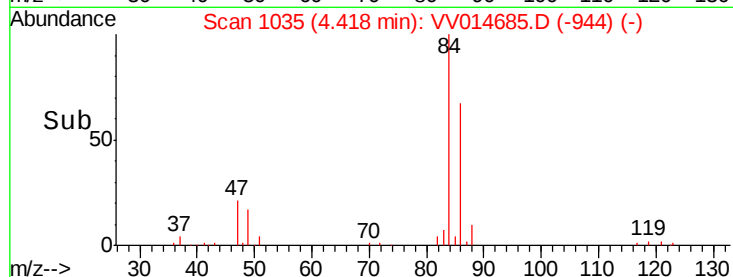
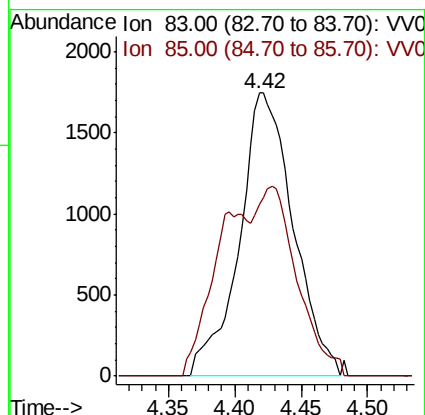
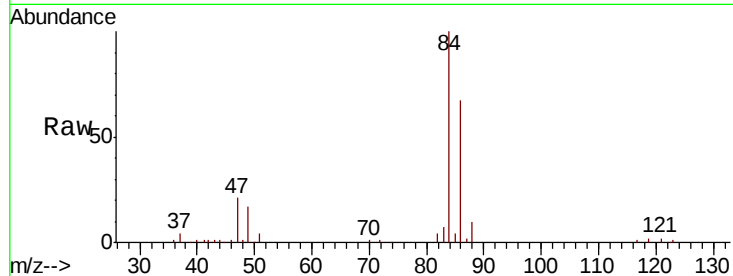




#25
Chloroform
Concen: 1.849 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV014685.D
Acq: 22 Feb 2020 04:08

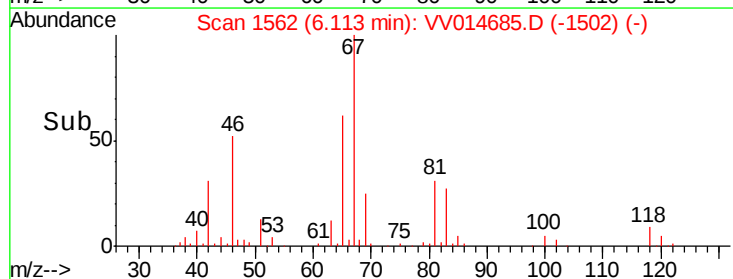
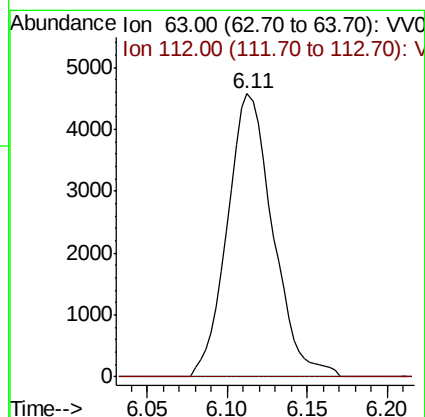
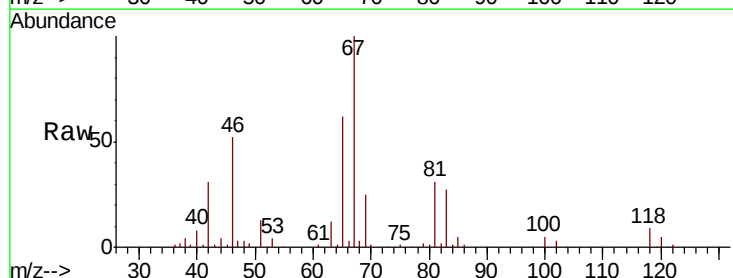
Instrument :
MSVOA_V
ClientSampleId :

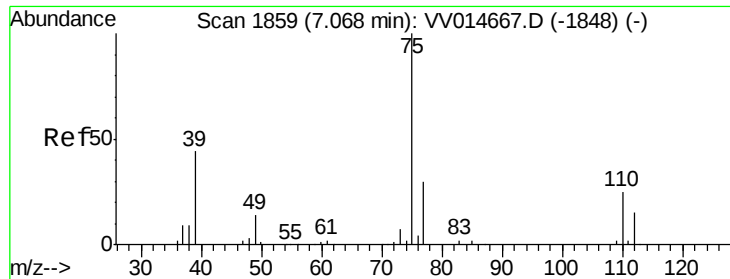
Tot Ion: 83 Resp: 4959
Ion Ratio Lower Upper
83 100
85 60.6 46.1 85.7



#37
1,2-Dichloropropane
Concen: 6.955 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV014685.D
Acq: 22 Feb 2020 04:08

Tgt Ion: 63 Resp: 8911
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

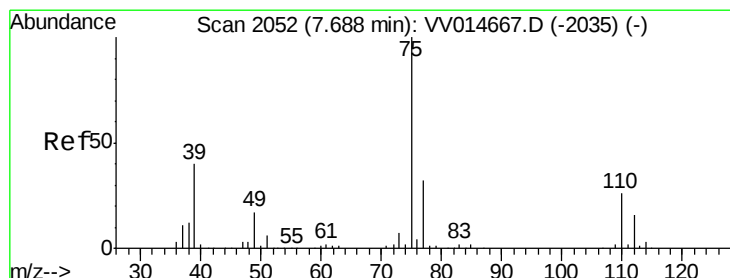
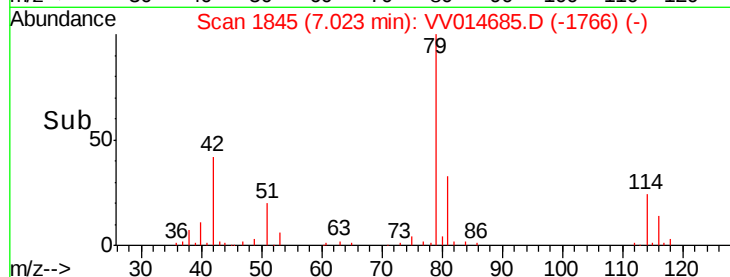
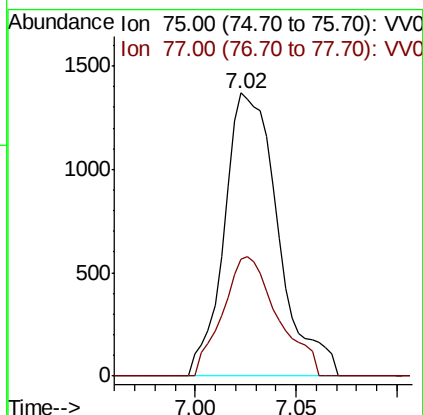
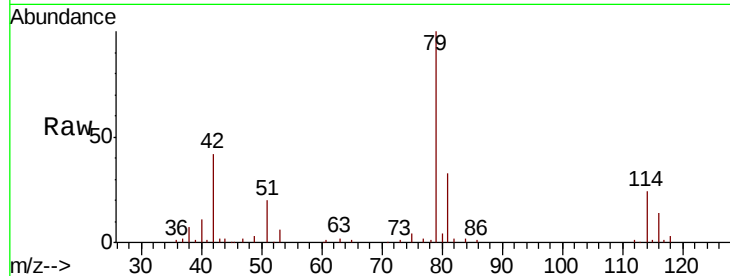




#39
 cis-1,3-Dichloropropene
 Concen: 1.119 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV014685.D
 Acq: 22 Feb 2020 04:08

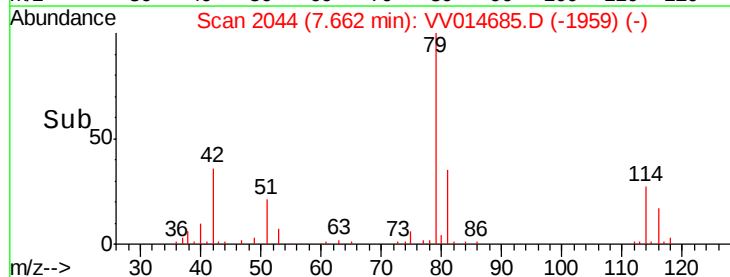
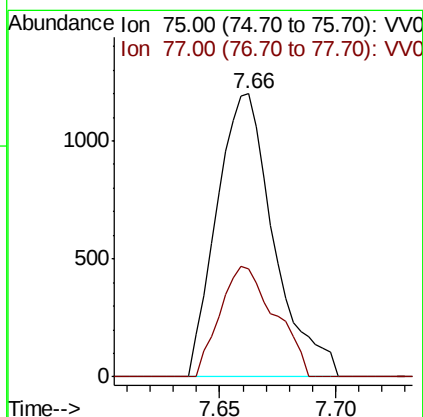
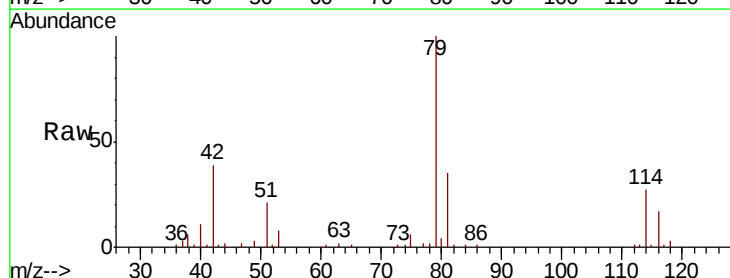
Instrument :
 MSVOA_V
 ClientSampleId :

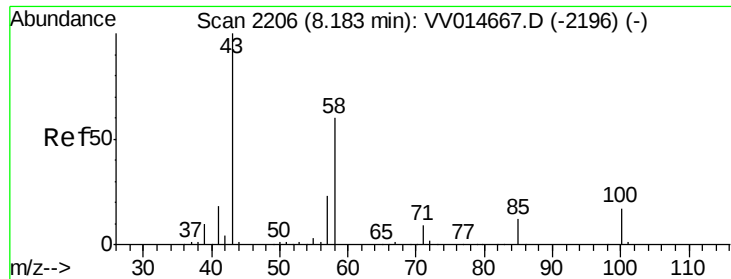
Tot Ion: 75 Resp: 2561
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.4 41.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.987 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014685.D
 Acq: 22 Feb 2020 04:08

Tgt Ion: 75 Resp: 2050
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.9 40.7





#48
 2-Hexanone
 Concen: 6.590 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014685.D
 Acq: 22 Feb 2020 04:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	8204
Ion	Ratio	Lower	Upper
43	100		
58	42.7	49.4	74.2#
57	25.1	17.8	26.8
100	0.0	13.1	19.7#

