

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017685.D
 Acq On : 27 Jul 2020 18:18
 Operator : SY/MD
 Sample : L3459-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146734	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146015	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28924	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	25623	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	52335	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.94	46	72841	43.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.92%
24) Chloroform-d	4.38	84	80743	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	45241	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	141152	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.10	67	39475	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.34	98	128652	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.64	79	17061	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.11	63	47317	37.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26786	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	54296	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

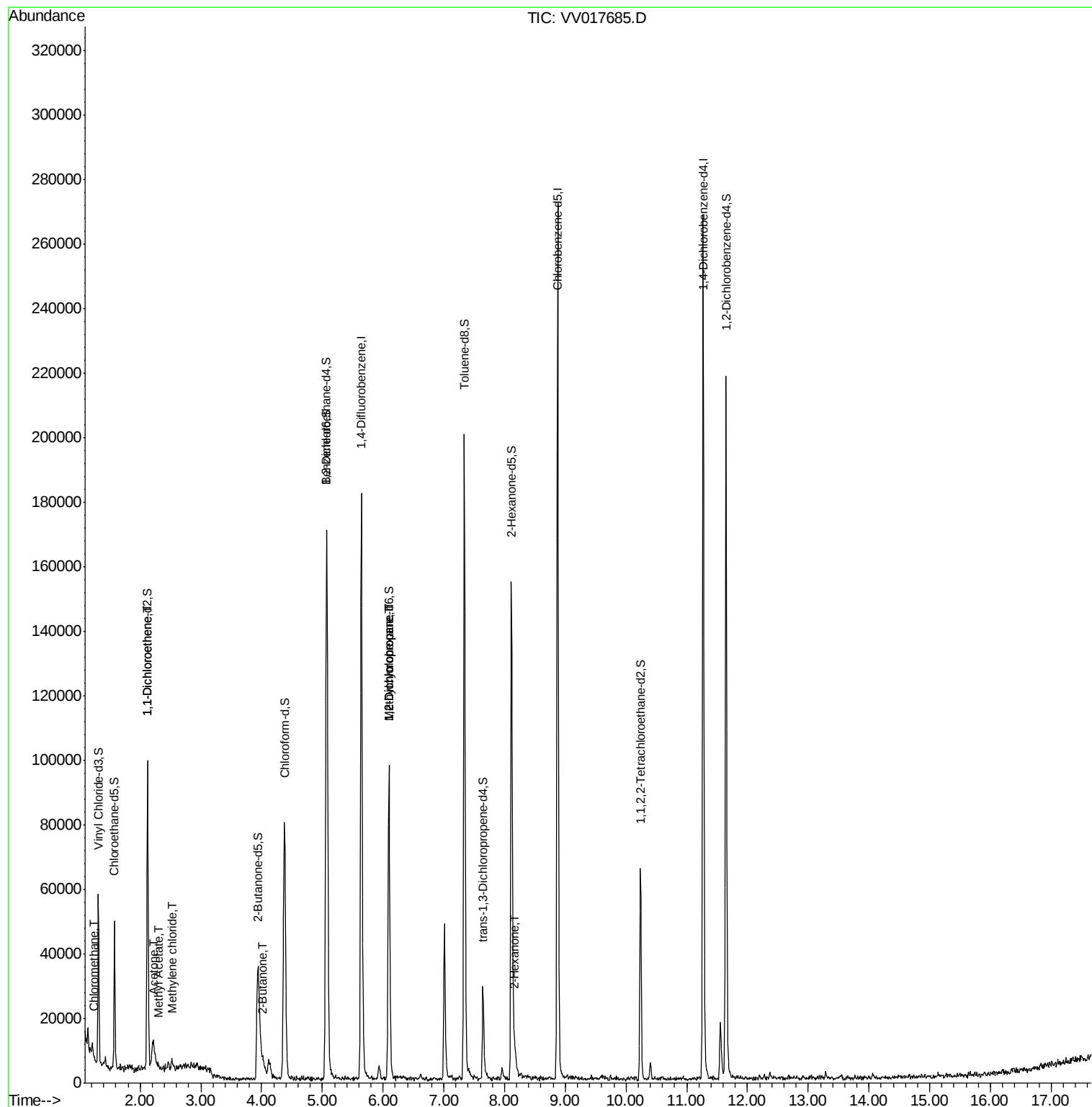
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.24	50	1182	0.113	ug/L	89
12) 1,1-Dichloroethene	2.12	96	771	0.098	ug/L #	1
13) Acetone	2.22	43	18462	14.070	ug/L #	52
15) Methyl Acetate	2.29	43	621	0.243	ug/L #	72
16) Methylene chloride	2.52	84	1299	0.148	ug/L	85
21) 2-Butanone	4.03	43	3287	1.484	ug/L	96
35) Methylcyclohexane	6.10	83	11233	0.643	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	5473	0.563	ug/L #	86
50) 2-Hexanone	8.17	43	4440	1.178	ug/L #	77

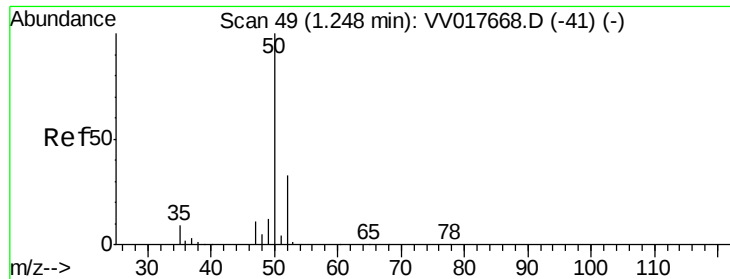
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV017685.D

Acq: 27 Jul 2020 18:18

Instrument :

MSVOA_V

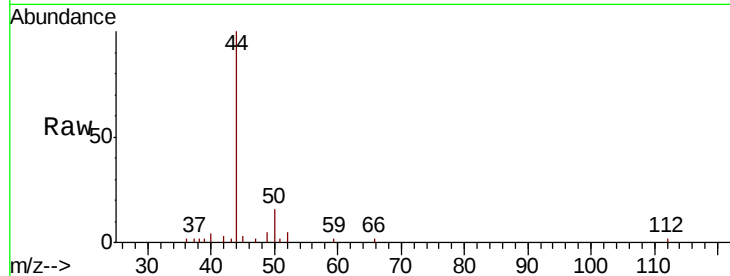
ClientSampleId :

Tot Ion: 50 Resp: 1182

Ion Ratio Lower Upper

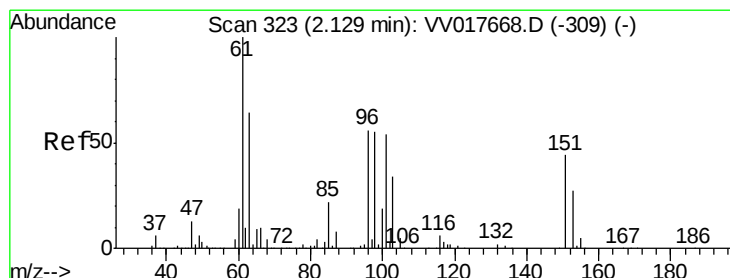
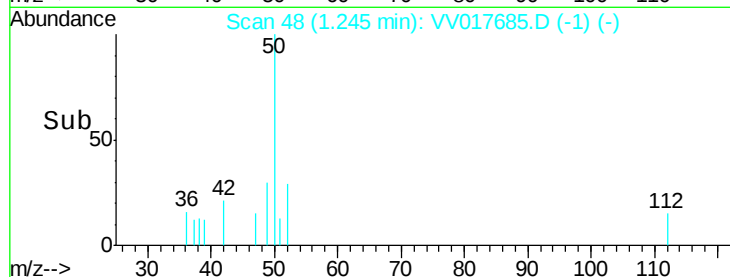
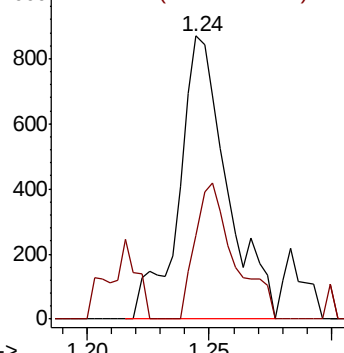
50 100

52 29.5 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017685.D

Acq: 27 Jul 2020 18:18

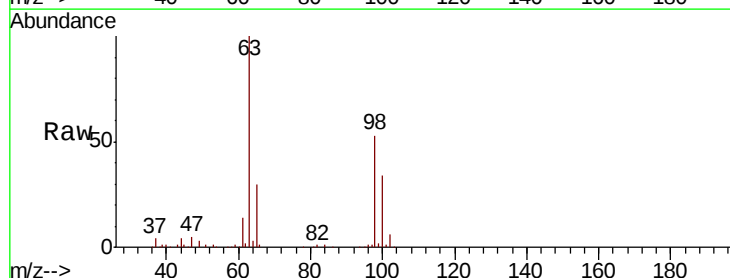
Tgt Ion: 96 Resp: 771

Ion Ratio Lower Upper

96 100

61 1173.3 123.1 228.7#

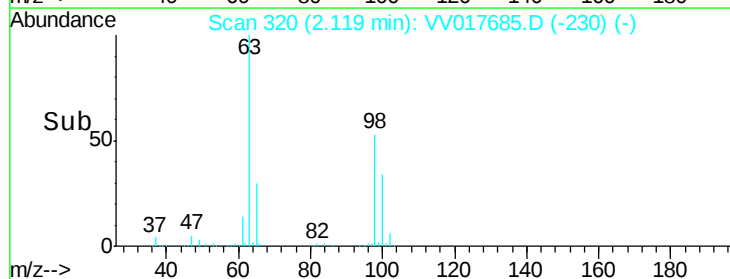
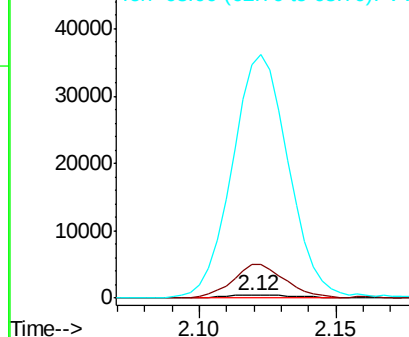
63 8255.8 91.2 169.4#

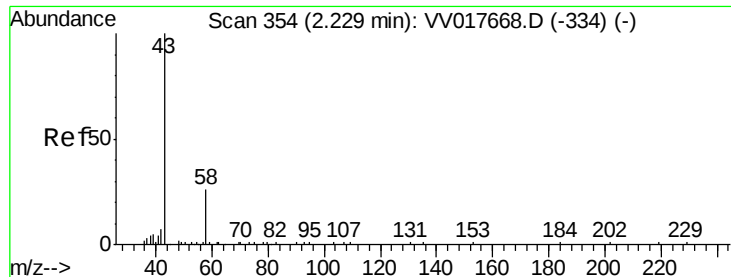


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 14.070 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV017685.D

Acq: 27 Jul 2020 18:18

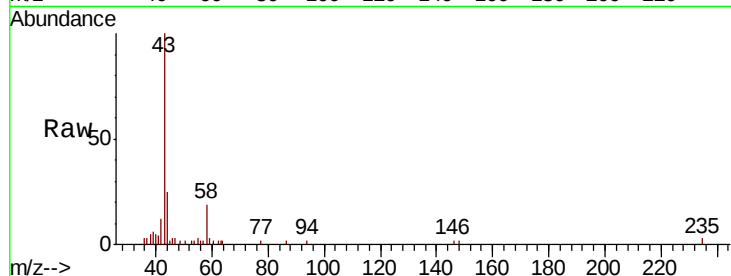
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 18462

Ion Ratio Lower Upper

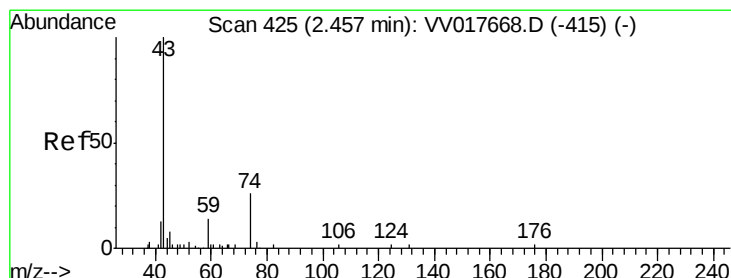
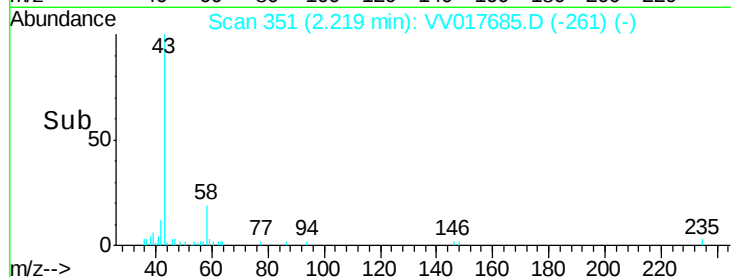
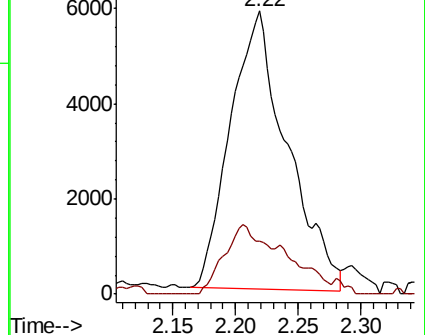
43 100

58 26.8 0.0 18.6#



Abundance Ion 43.05 (42.75 to 43.75): VV017668.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV017668.D (-334) (-)



#15

Methyl Acetate

Concen: 0.243 ug/L

RT: 2.29 min Scan# 374

Delta R.T. -0.16 min

Lab File: VV017685.D

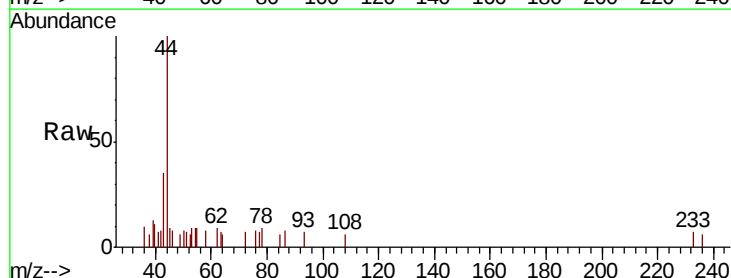
Acq: 27 Jul 2020 18:18

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

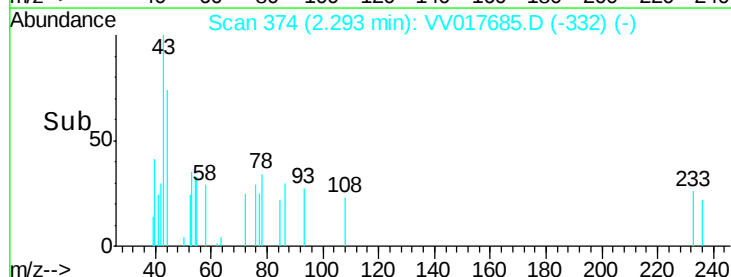
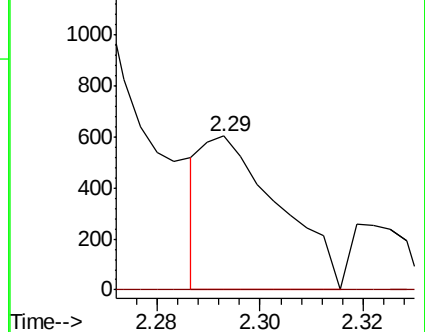
43 100

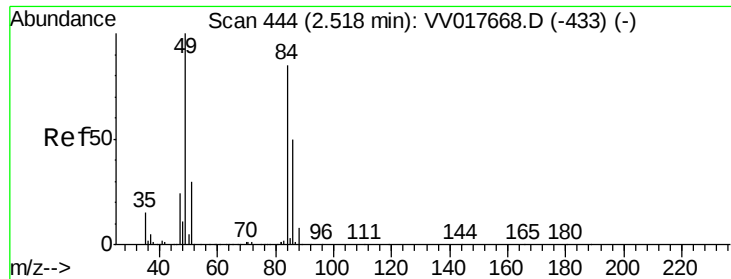
74 17.2 26.6 40.0#



Abundance Ion 43.05 (42.75 to 43.75): VV017668.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV017668.D (-415) (-)

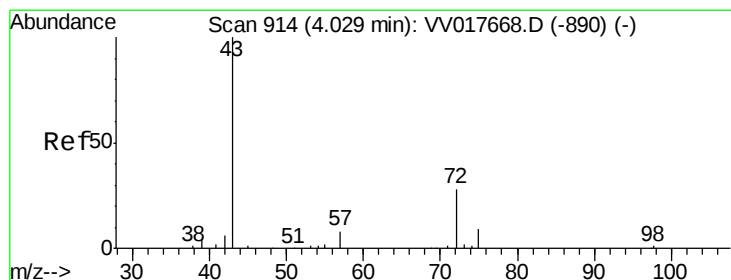
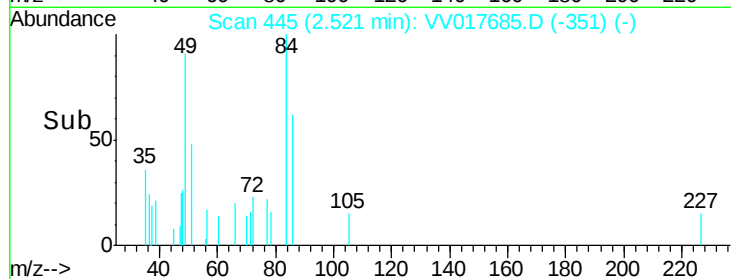
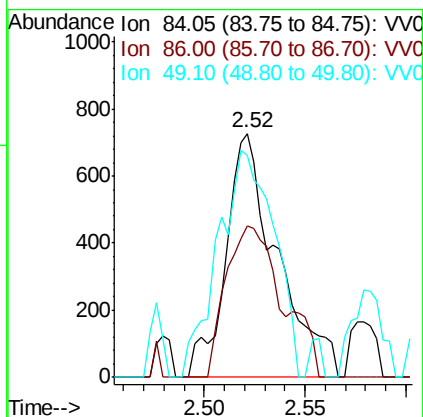
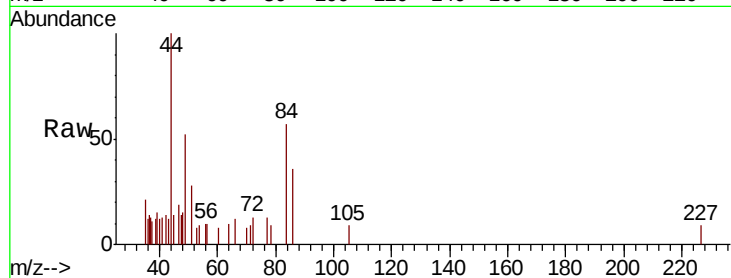




#16
Methvlene chloride
Concen: 0.148 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017685.D
Acq: 27 Jul 2020 18:18

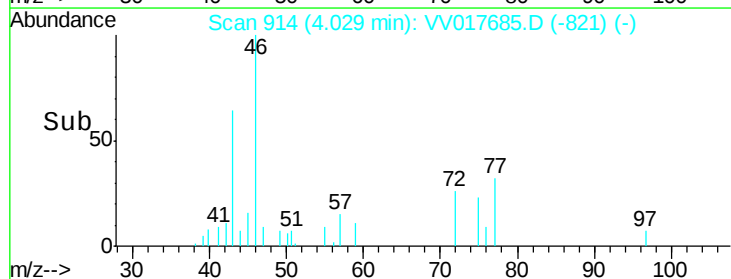
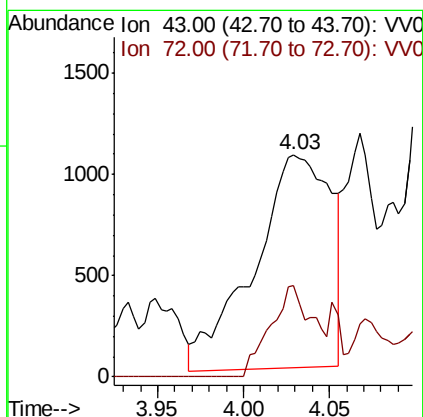
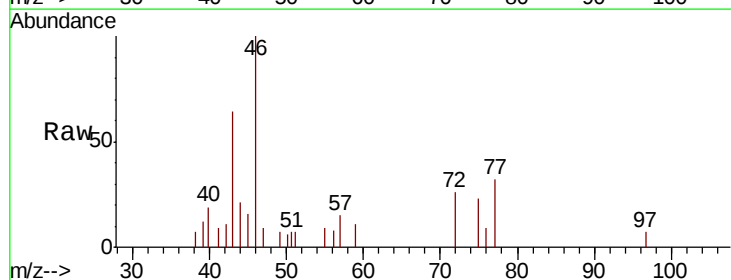
Instrument :
MSVOA_V
ClientSampleId :

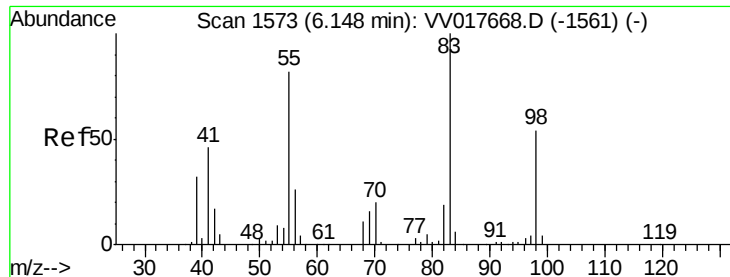
Tot Ion: 84 Resp: 1299
Ion Ratio Lower Upper
84 100
86 62.3 46.5 86.3
49 91.0 79.2 147.2



#21
2-Butanone
Concen: 1.484 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: VV017685.D
Acq: 27 Jul 2020 18:18

Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
72 23.8 13.0 38.9

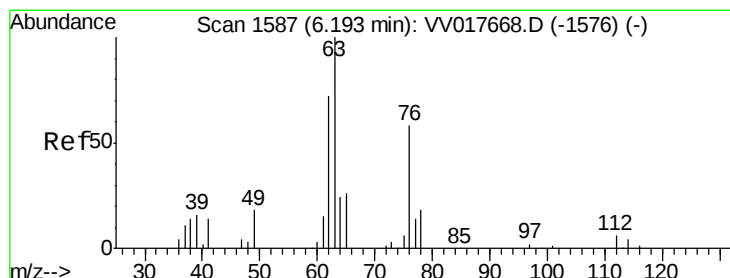
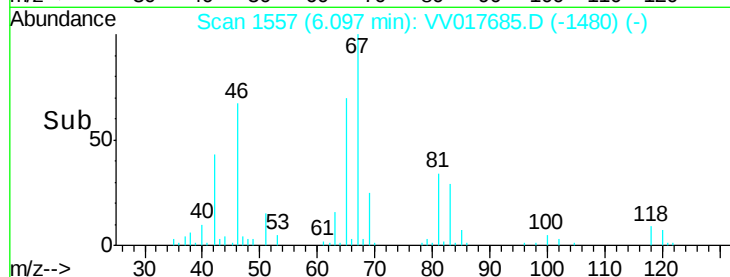
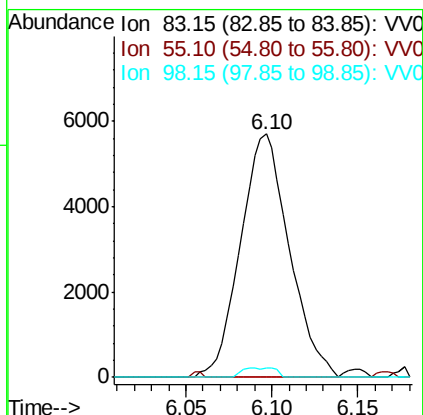
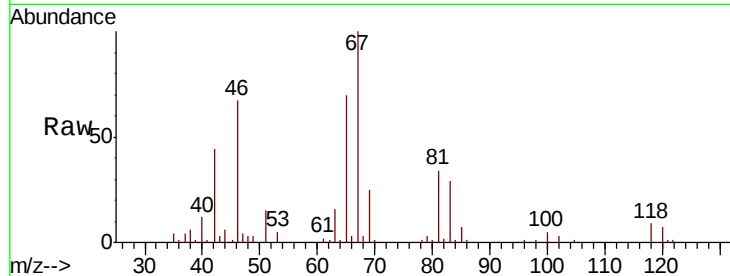




#35
Methvlcvclohexane
Concen: 0.643 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017685.D
Acq: 27 Jul 2020 18:18

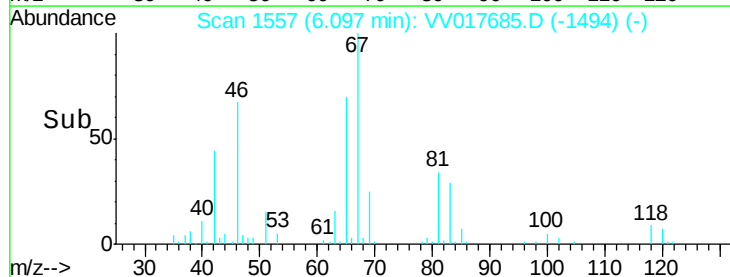
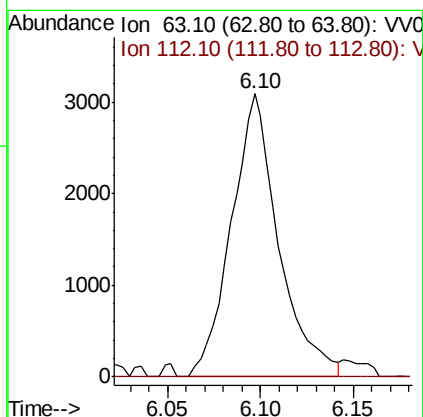
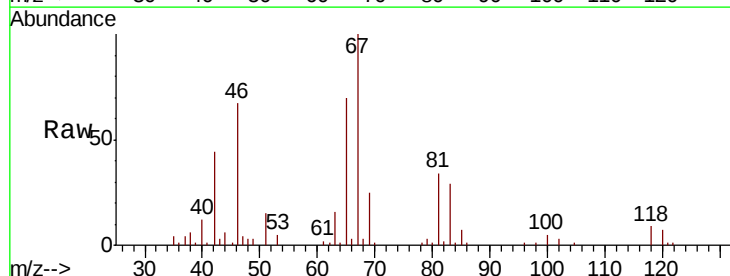
Instrument :
MSVOA_V
ClientSampleId :

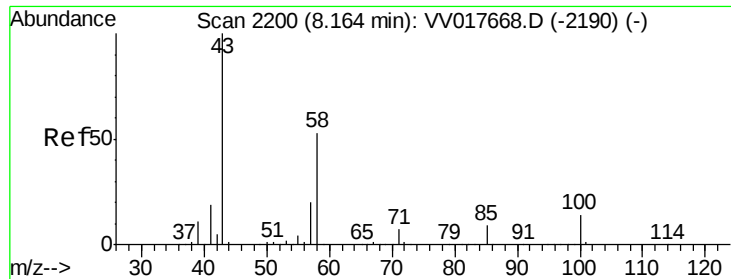
Tot Ion: 83 Resp: 11233
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 2.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017685.D
Acq: 27 Jul 2020 18:18

Tgt Ion: 63 Resp: 5473
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#





#50

2-Hexanone

Concen: 1.178 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017685.D

Acq: 27 Jul 2020 18:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4440

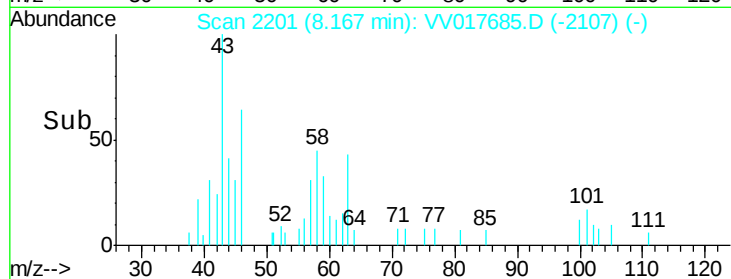
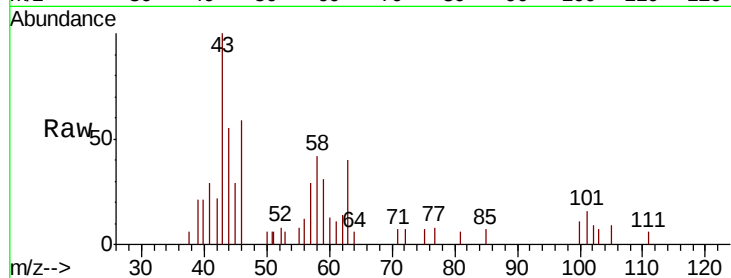
Ion Ratio Lower Upper

43 100

58 32.4 41.6 62.4#

57 15.3 15.4 23.0#

100 2.9 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

