

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016407.D
 Acq On : 01 Jun 2020 13:18
 Operator : SY/MD
 Sample : L2780-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	61032	5.00	ug/L	-0.01
28) Chlorobenzene-d5	8.88	117	73090	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	29497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28963	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.57	69	22678	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.11	63	41383	4.43	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	3.98	46	48737	42.27	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.54%
24) Chloroform-d	4.38	84	46961	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.06	65	27816	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.07	84	84395	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.07	67	22180	3.46	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.20%
41) Toluene-d8	7.32	98	92150	4.85	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.64	79	7536	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
48) 2-Hexanone-d5	8.14	63	55328	51.41	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23016	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	27978	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

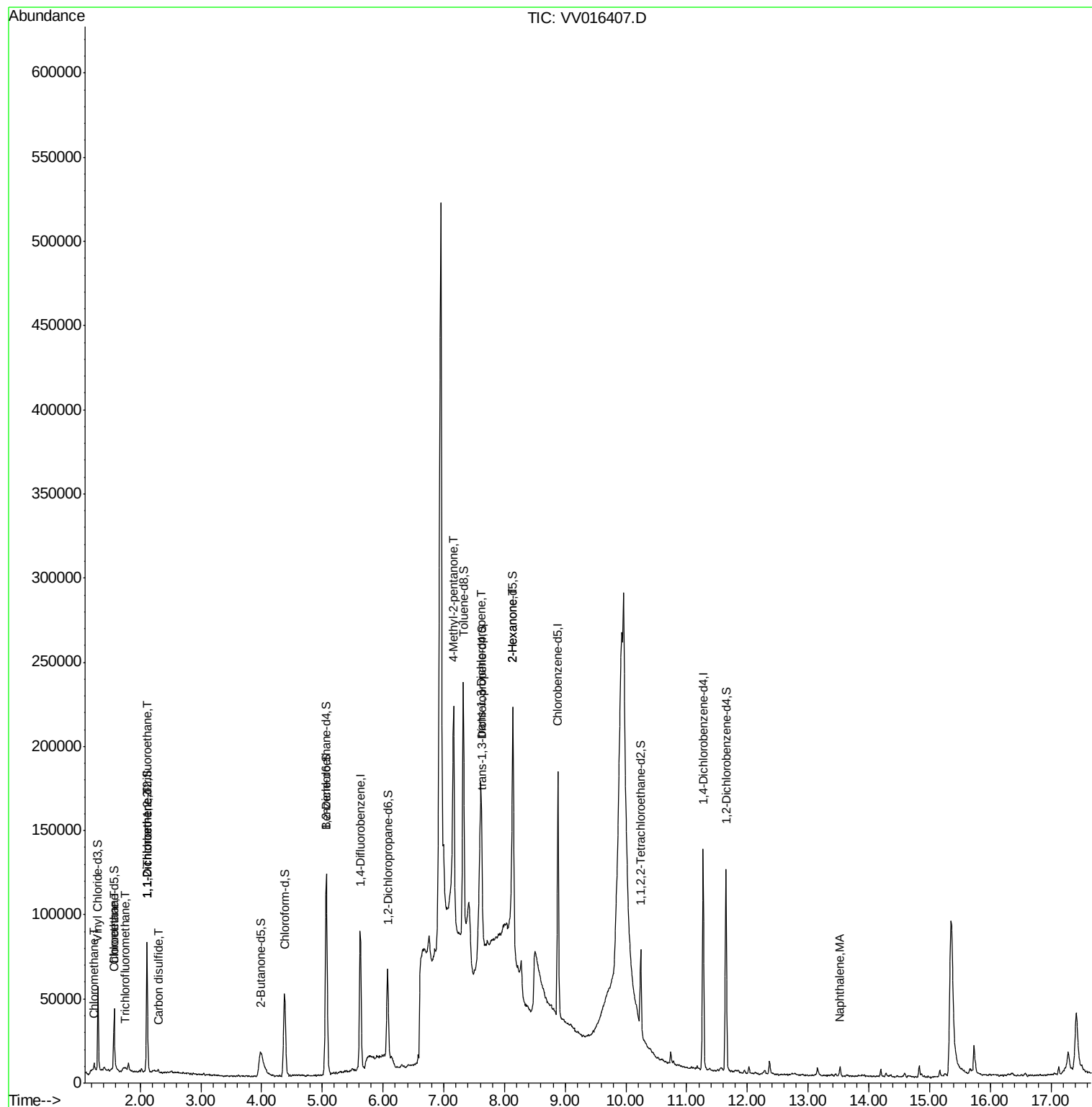
					Ovalue
3) Chloromethane	1.24	50	2150	0.353 ug/L	100
8) Chloroethane	1.59	64	2129	0.649 ug/L #	59
9) Trichlorofluoromethane	1.76	101	545	0.074 ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	568	0.137 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	376	0.096 ug/L #	1
14) Carbon disulfide	2.30	76	727	0.061 ug/L #	39
40) 4-Methyl-2-pentanone	7.16	43	100925	30.541 ug/L #	46
46) trans-1,3-Dichloropropene	7.61	75	1503	0.252 ug/L	87
50) 2-Hexanone	8.14	43	5355	2.323 ug/L #	71
70) Naphthalene	13.52	128	4433	0.330 ug/L	96

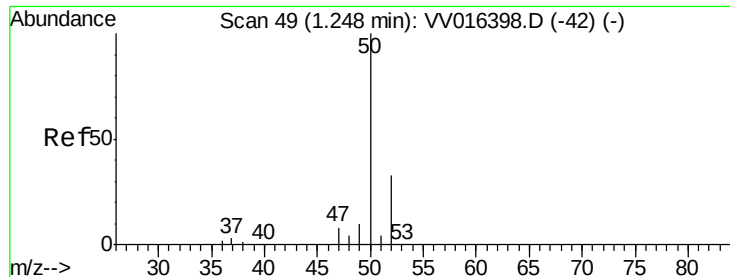
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016407.D
Acq On : 01 Jun 2020 13:18
Operator : SY/MD
Sample : L2780-12
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 02 01:16:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.353 ug/L

RT: 1.24 min Scan# 47

Delta R.T. -0.01 min

Lab File: VV016407.D

Acq: 01 Jun 2020 13:18

Instrument :

MSVOA_V

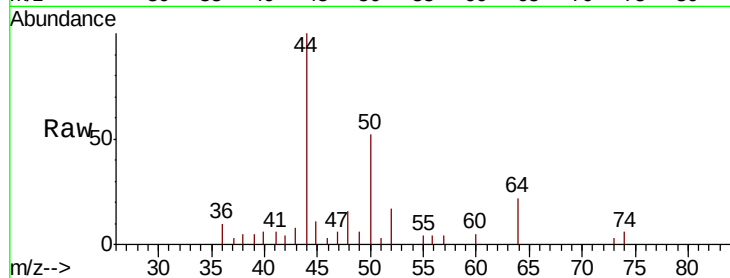
ClientSampled :

Tot Ion: 50 Resp: 2150

Ion Ratio Lower Upper

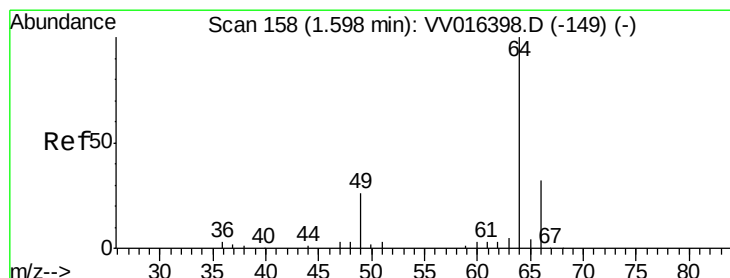
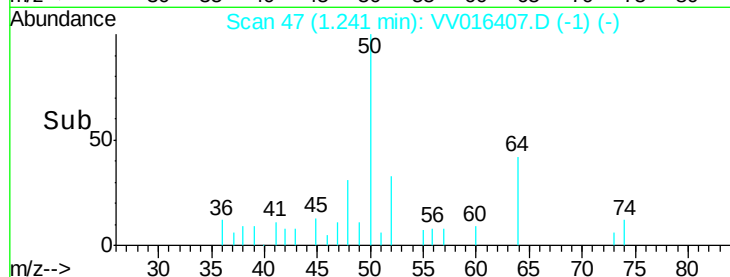
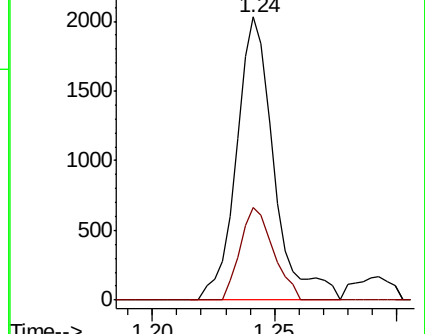
50 100

52 32.8 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.649 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV016407.D

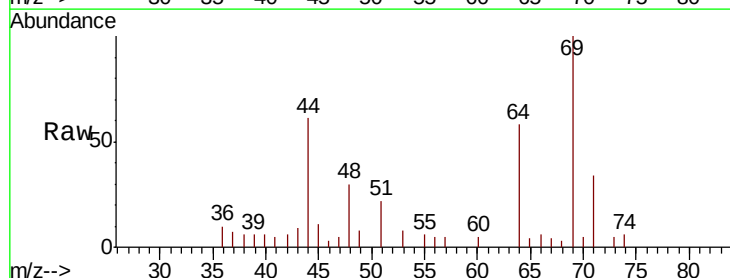
Acq: 01 Jun 2020 13:18

Tgt Ion: 64 Resp: 2129

Ion Ratio Lower Upper

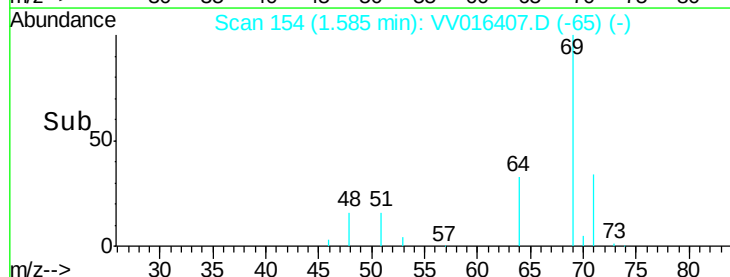
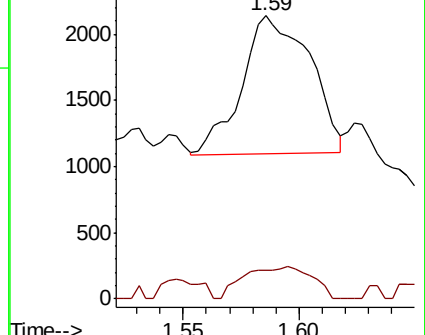
64 100

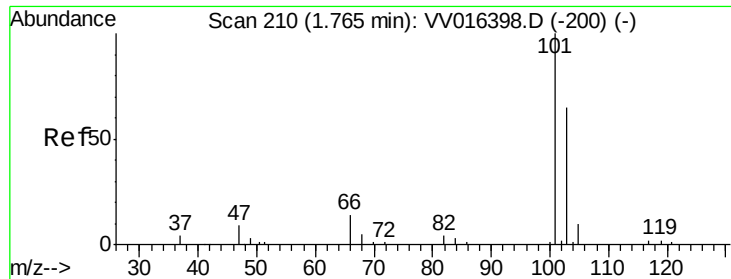
66 10.2 23.4 43.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



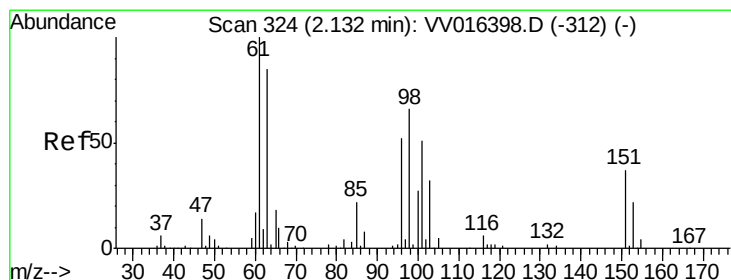
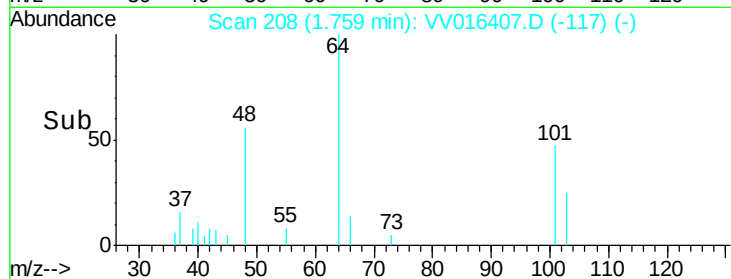
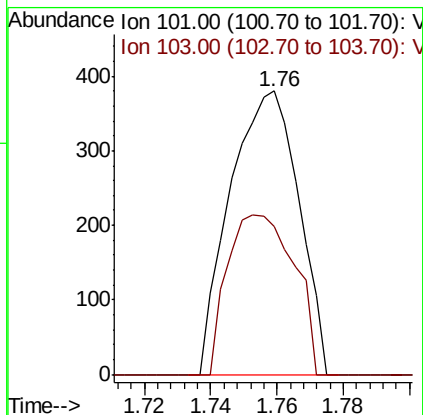
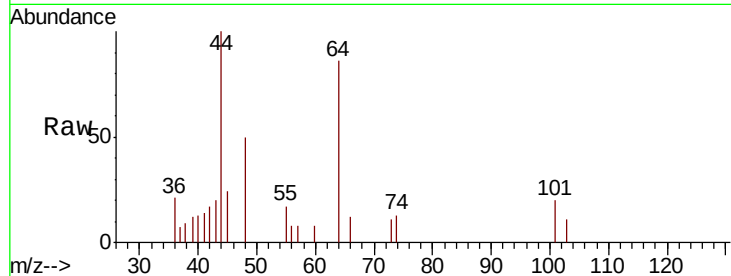


#9

Trichlorofluoromethane
Concen: 0.074 ug/L
RT: 1.76 min Scan# 208
Delta R.T. -0.01 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

Instrument :
MSVOA_V
ClientSampleId :

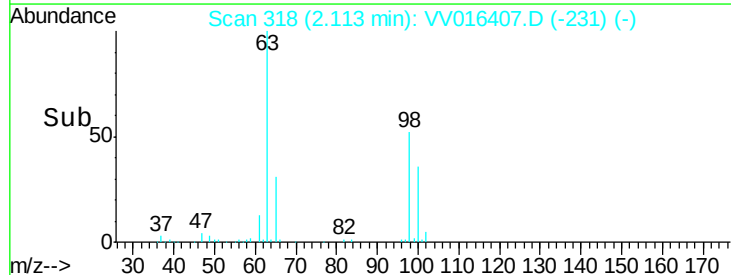
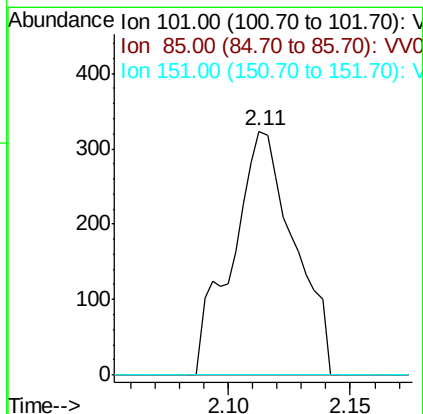
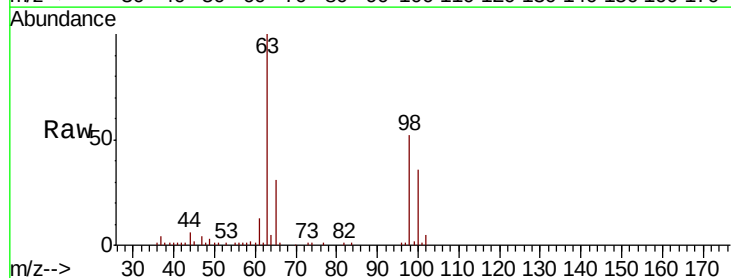
Tot Ion:101 Resp: 545
Ion Ratio Lower Upper
101 100
103 54.9 52.2 78.4

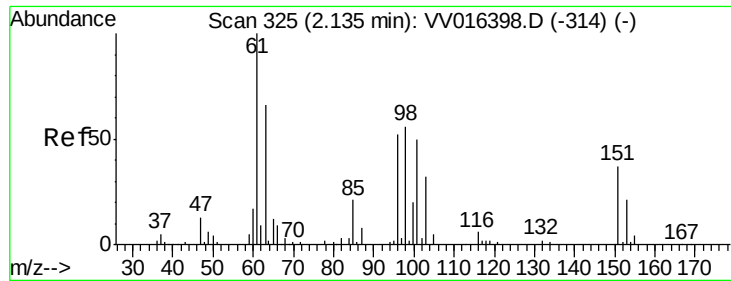


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.137 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

Tgt Ion:101 Resp: 568
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 57.2 85.8#

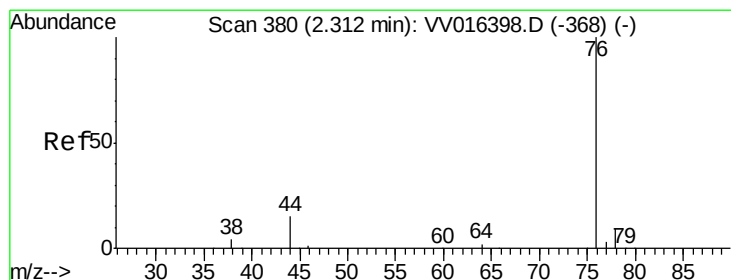
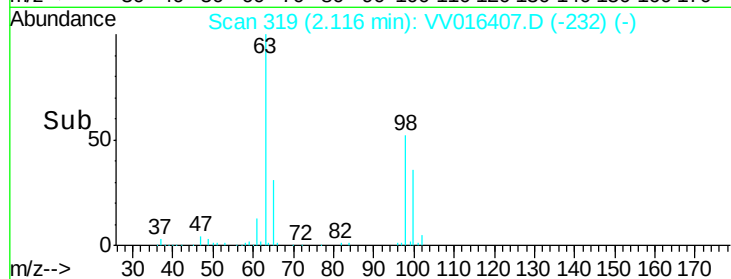
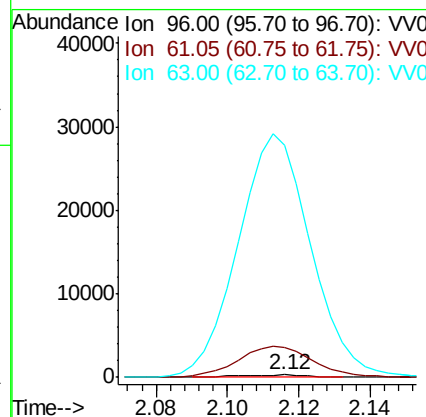
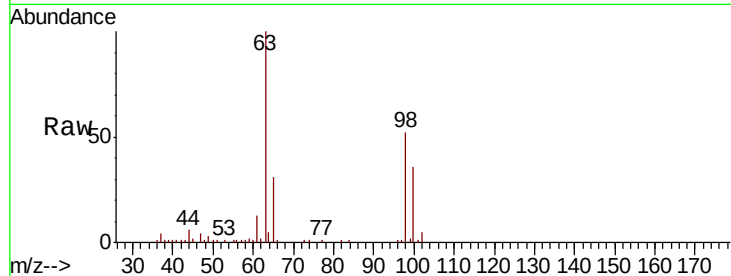




#12
 1,1-Dichloroethene
 Concen: 0.096 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: VV016407.D
 Acq: 01 Jun 2020 13:18

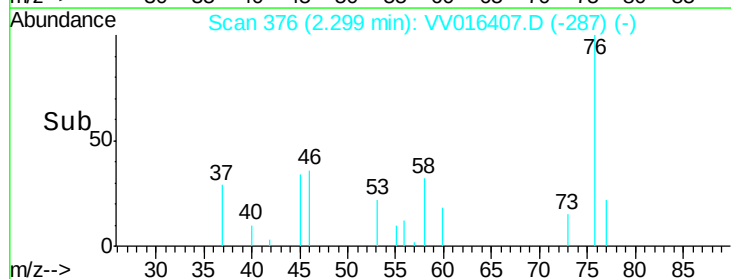
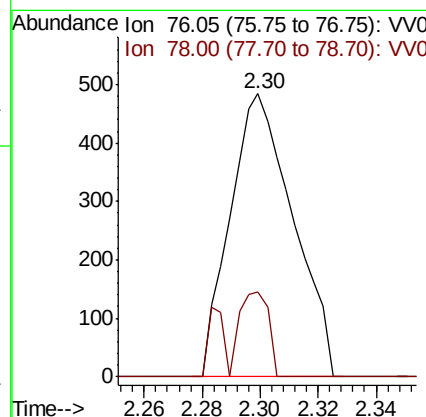
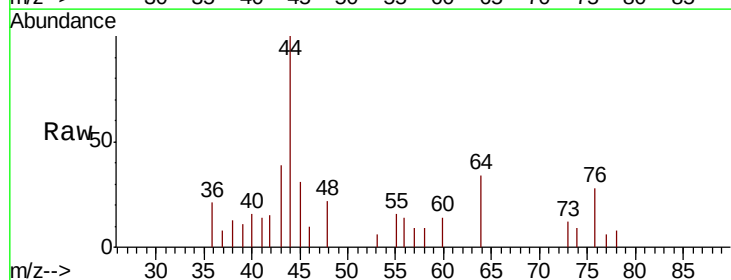
Instrument :
 MSVOA_V
 ClientSampleId :

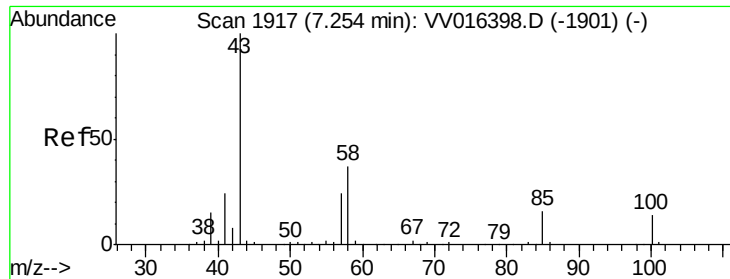
Tot Ion: 96 Resp: 376
 Ion Ratio Lower Upper
 96 100
 61 1234.6 125.4 233.0#
 63 9512.3 88.2 163.8#



#14
 Carbon disulfide
 Concen: 0.061 ug/L
 RT: 2.30 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VV016407.D
 Acq: 01 Jun 2020 13:18

Tgt Ion: 76 Resp: 727
 Ion Ratio Lower Upper
 76 100
 78 30.2 6.8 10.2#

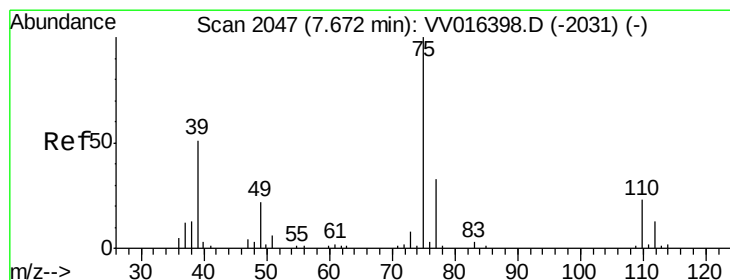
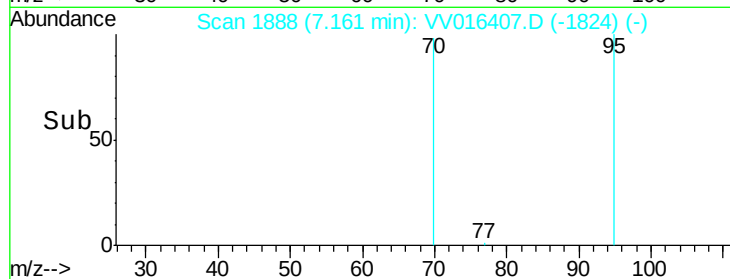
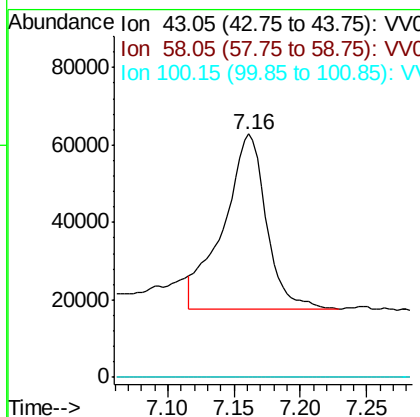
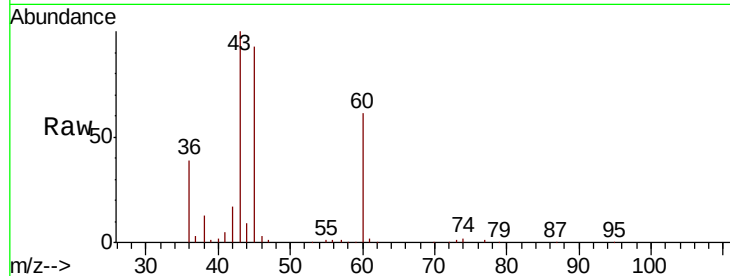




#40
4-Methyl-2-pentanone
Concen: 30.541 ug/L
RT: 7.16 min Scan# 1888
Delta R.T. -0.09 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

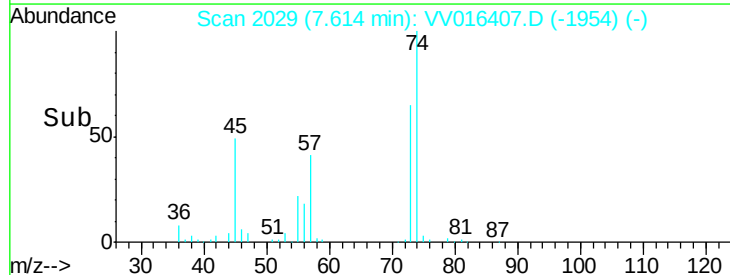
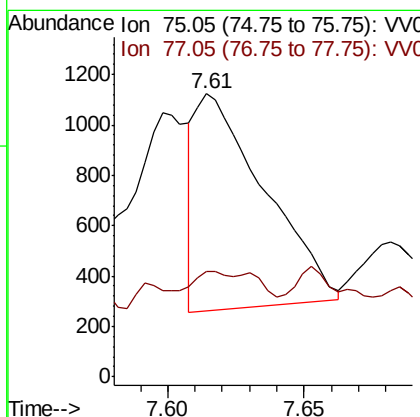
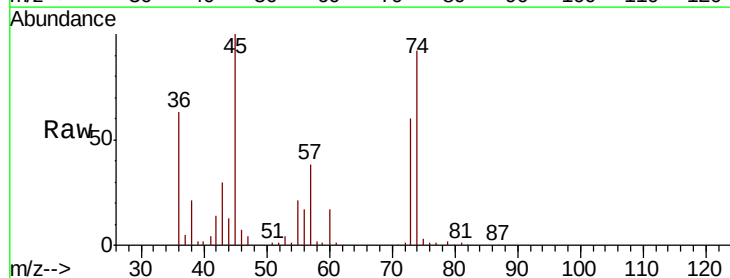
Instrument :
MSVOA_V
ClientSampled :

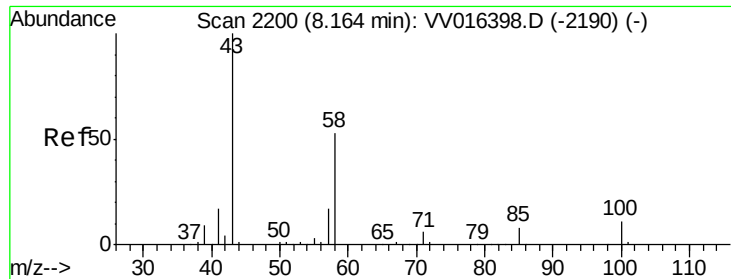
Tot Ion: 43 Resp: 100925
Ion Ratio Lower Upper
43 100
58 0.1 29.5 44.3#
100 0.0 11.0 16.6#



#46
trans-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. -0.06 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

Tgt Ion: 75 Resp: 1503
Ion Ratio Lower Upper
75 100
77 37.3 21.1 39.3

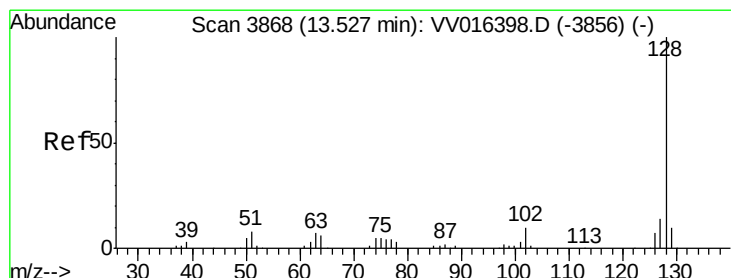
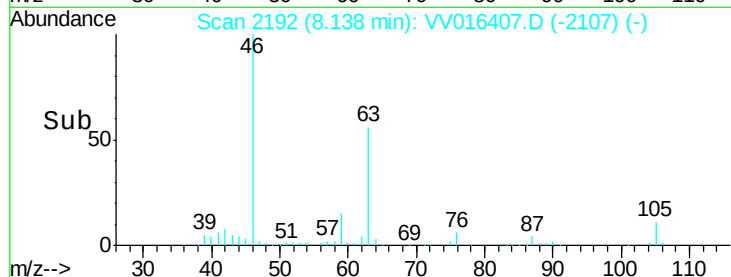
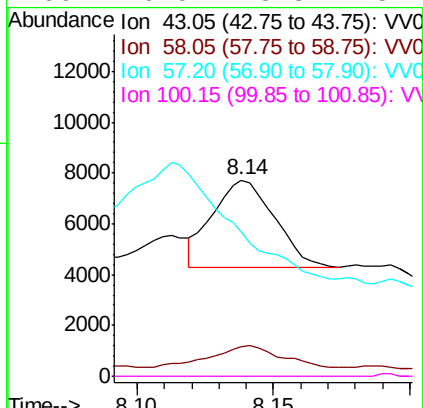
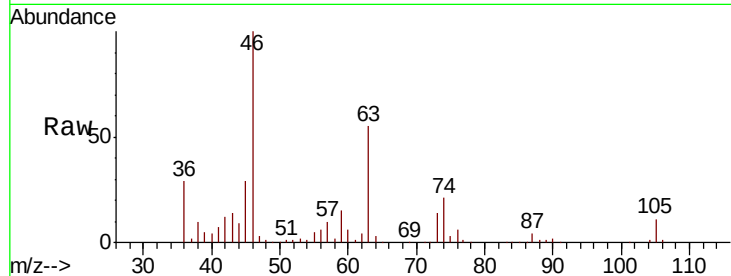




#50
2-Hexanone
Concen: 2.323 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.03 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	5355
Ion	Ratio	Lower	Upper
43	100		
58	34.2	41.1	61.7#
57	0.0	14.2	21.4#
100	0.0	8.8	13.2#



#70
Naphthalene
Concen: 0.330 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV016407.D
Acq: 01 Jun 2020 13:18

Tgt Ion:	128	Resp:	4433
Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.6	12.8
127	11.8	10.7	16.1

