

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015787.D
 Acq On : 29 Apr 2020 13:06
 Operator : SY/MD
 Sample : L2419-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:38:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137448	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38410	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	34841	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	56853	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.91	46	89096	38.63	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.26%
24) Chloroform-d	4.38	84	69575	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.06	65	40876	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.08	84	140637	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.10	67	43230	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.34	98	125916	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.65	79	14265	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.11	63	59561	31.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27371	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	45390	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

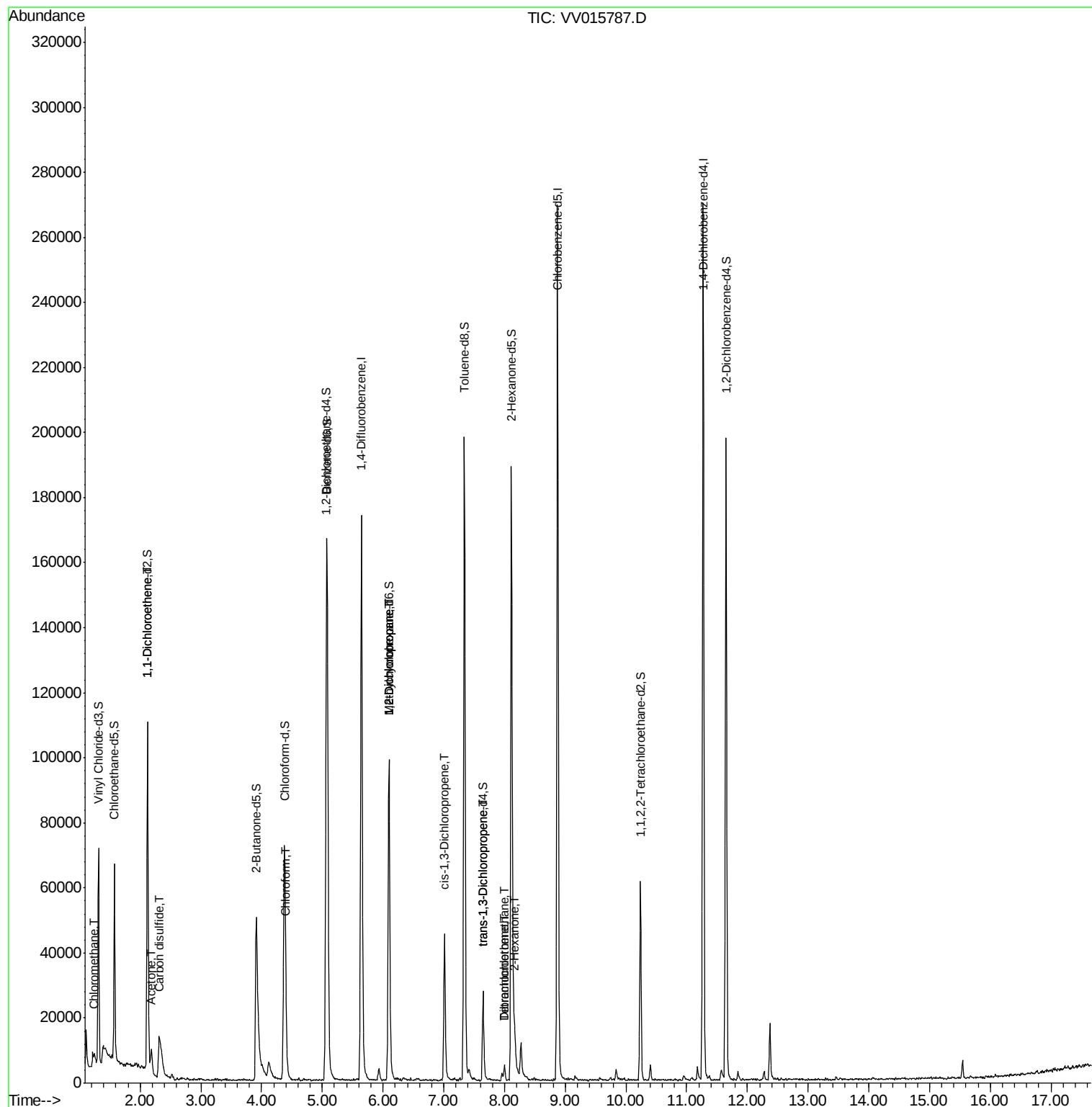
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1008	0.099	ug/L	96
12) 1,1-Dichloroethene	2.13	96	586	0.073	ug/L #	1
13) Acetone	2.18	43	8548	5.337	ug/L	98
14) Carbon disulfide	2.31	76	6469	0.286	ug/L	98
25) Chloroform	4.41	83	3336	0.179	ug/L	89
35) Methylcyclohexane	6.10	83	10823	0.670	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5565	0.574	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1224	0.091	ug/L #	45
44) trans-1,3-Dichloropropene	7.65	75	697	0.061	ug/L #	50
47) Tetrachloroethene	8.00	164	927	0.122	ug/L #	79
48) 2-Hexanone	8.17	43	7536	1.680	ug/L #	80
49) Dibromochloromethane	8.00	129	846	0.124	ug/L #	12

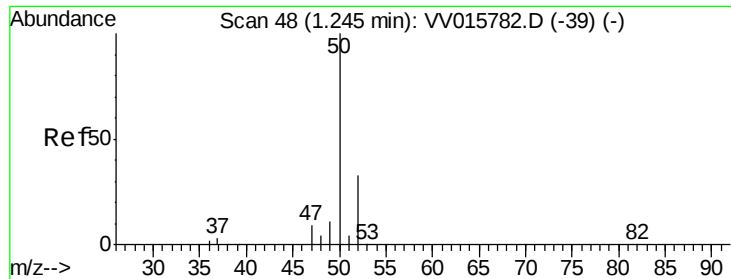
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.099 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015787.D

Acq: 29 Apr 2020 13:06

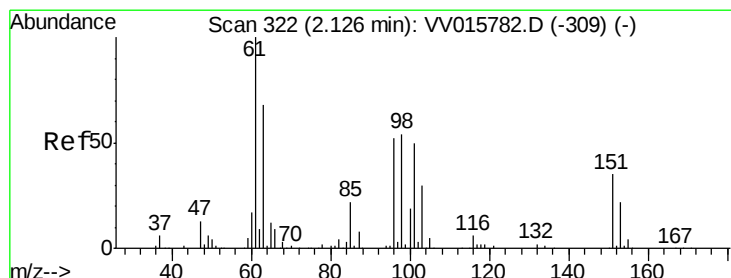
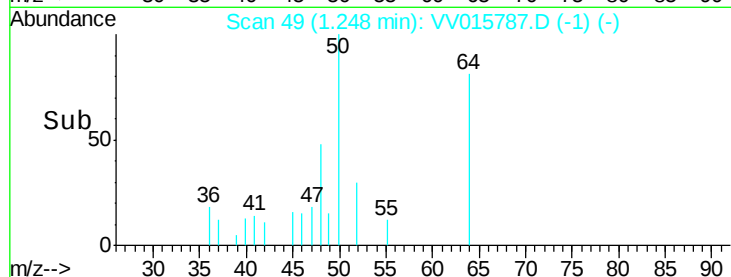
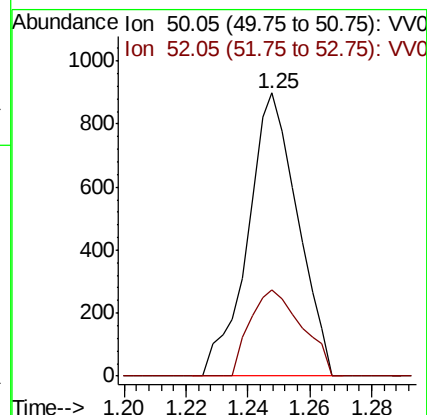
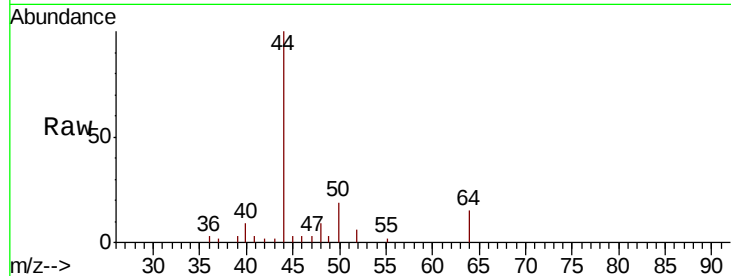
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1008

Ion Ratio Lower Upper

50 100

52 30.4 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015787.D

Acq: 29 Apr 2020 13:06

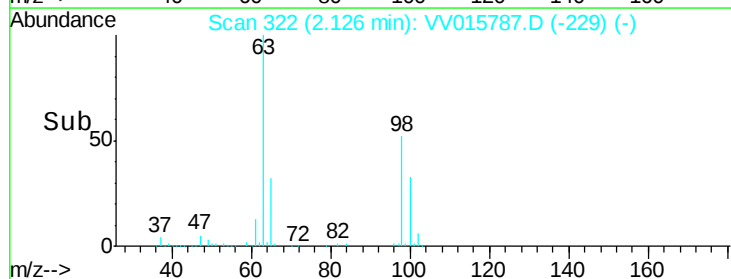
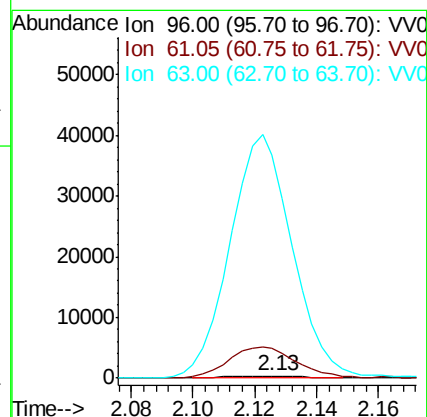
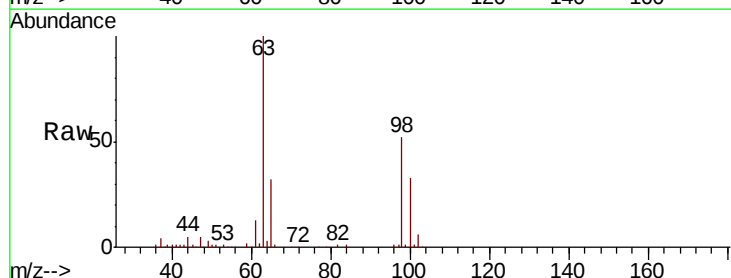
Tgt Ion: 96 Resp: 586

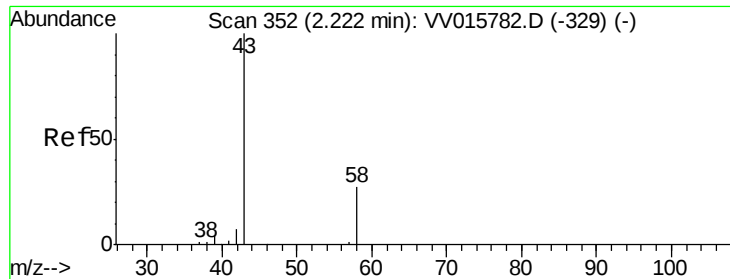
Ion Ratio Lower Upper

96 100

61 1300.8 130.1 241.7#

63 9818.2 91.4 169.8#





#13

Acetone

Concen: 5.337 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015787.D

Acq: 29 Apr 2020 13:06

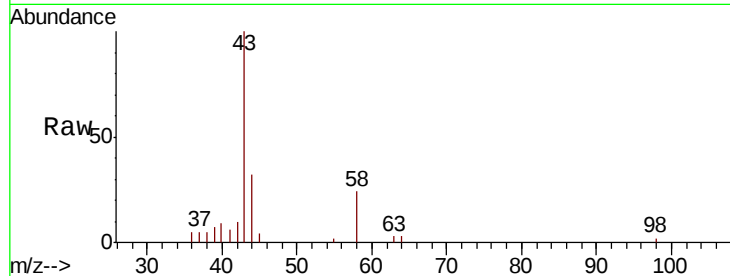
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8548

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015787.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV015787.D (-259) (-)

2.18

5000

4000

3000

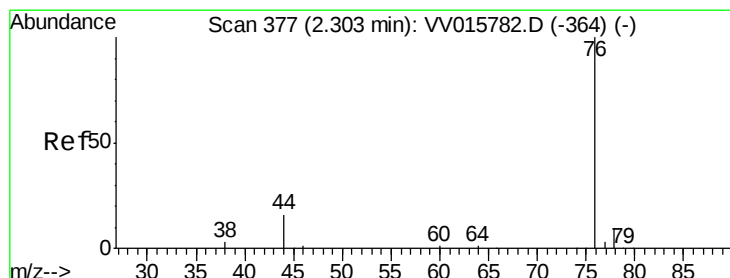
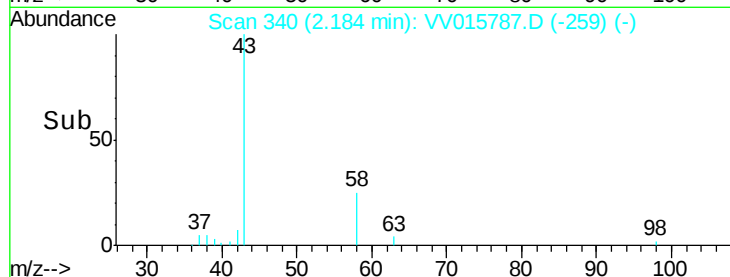
2000

1000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.286 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015787.D

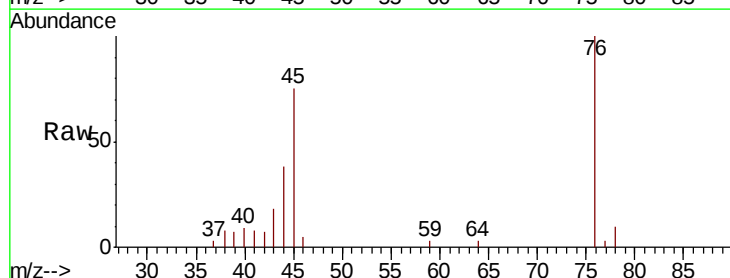
Acq: 29 Apr 2020 13:06

Tgt Ion: 76 Resp: 6469

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV015787.D (-284) (-)

Ion 78.00 (77.70 to 78.70): VV015787.D (-284) (-)

2.31

5000

4000

3000

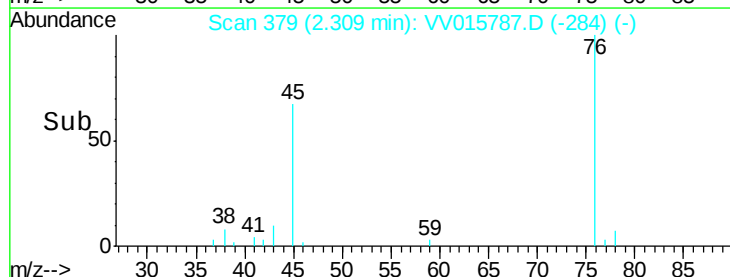
2000

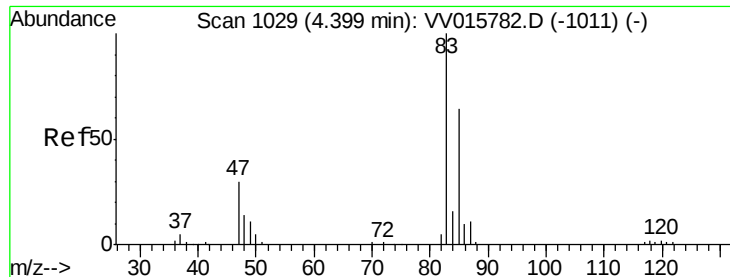
1000

0

Time-->

2.25 2.30 2.35

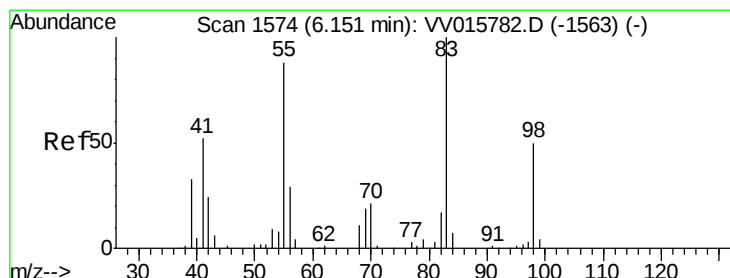
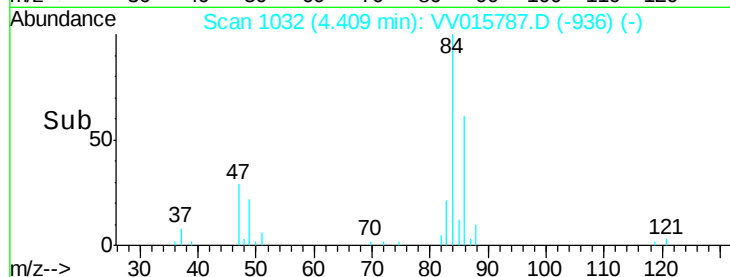
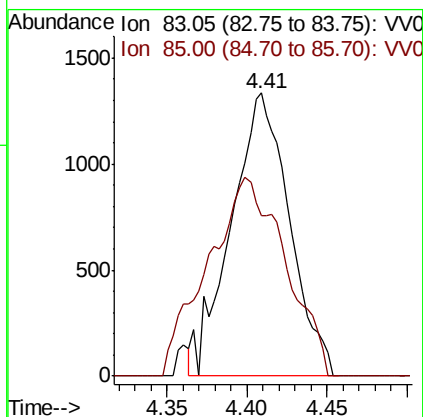
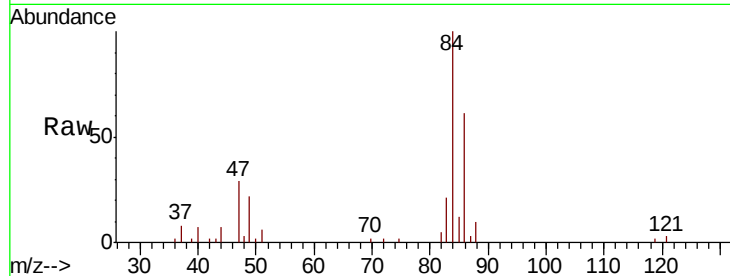




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

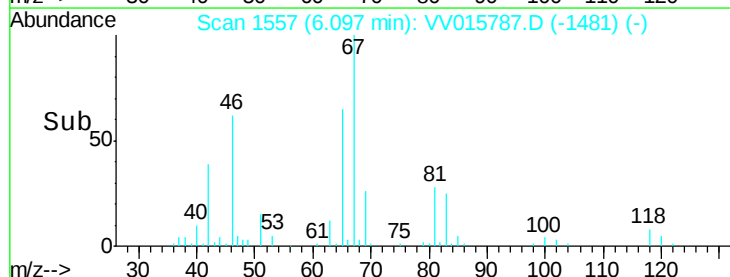
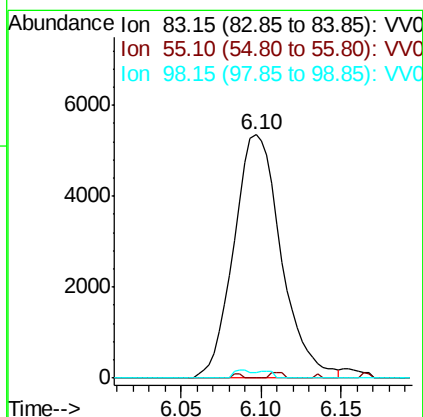
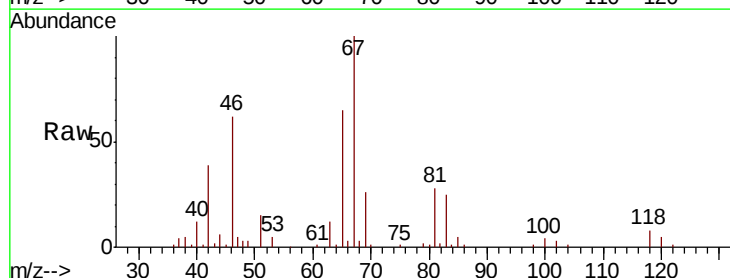
Instrument :
MSVOA_V
ClientSampled :

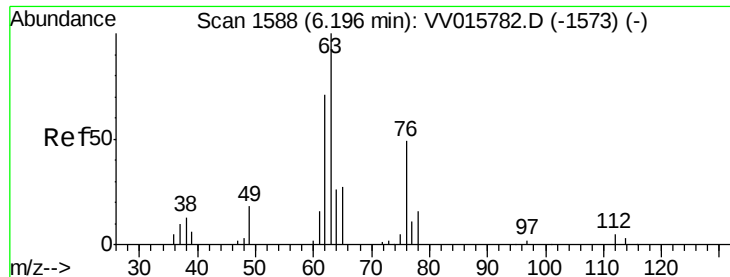
Tot Ion: 83 Resp: 3336
Ion Ratio Lower Upper
83 100
85 56.7 46.1 85.5



#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

Tgt Ion: 83 Resp: 10823
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.8 39.5 59.3#

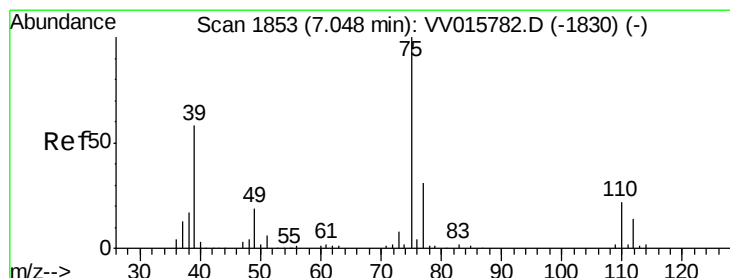
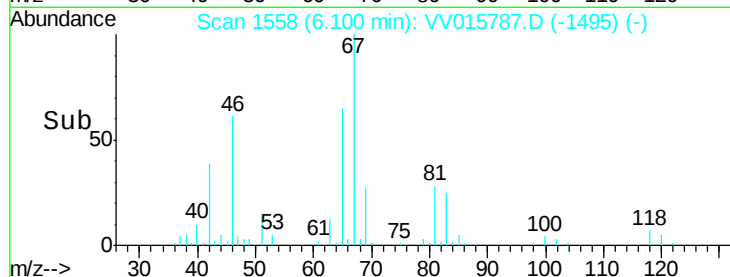
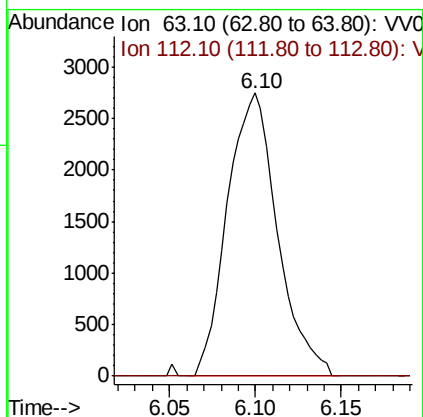
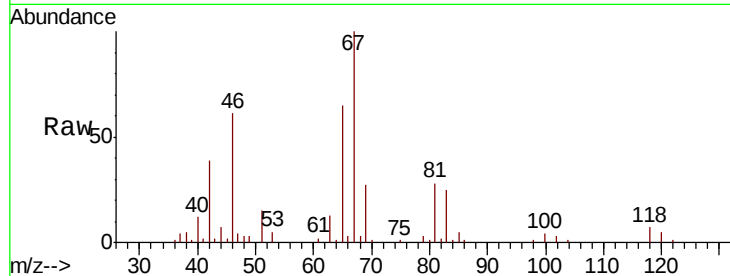




#37
 1,2-Dichloropropane
 Concen: 0.574 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV015787.D
 Acq: 29 Apr 2020 13:06

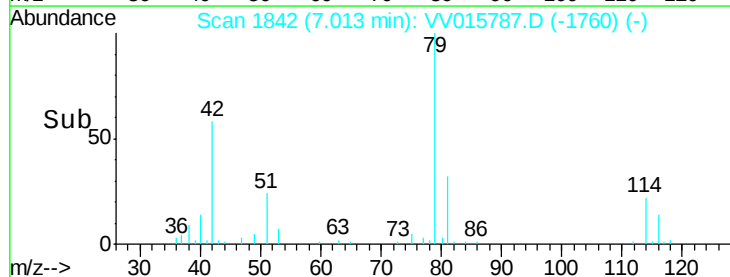
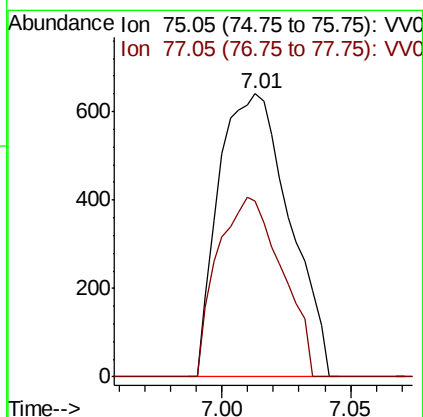
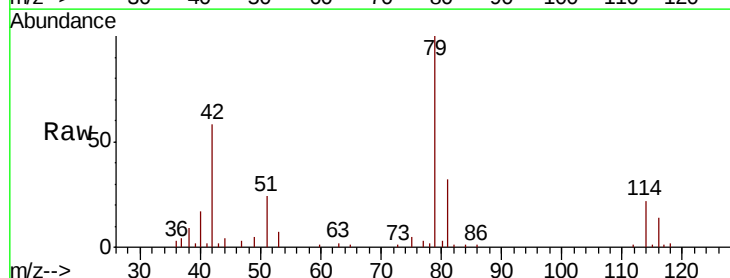
Instrument :
 MSVOA_V
 ClientSampleId :

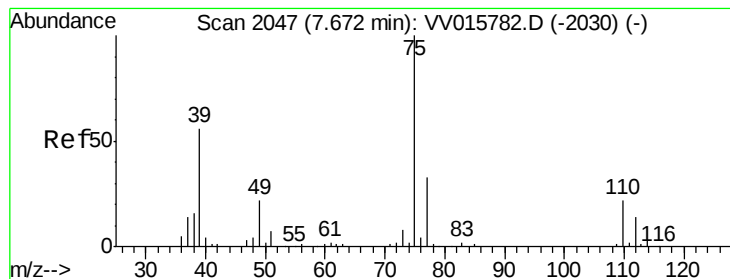
Tot Ion: 63 Resp: 5565
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015787.D
 Acq: 29 Apr 2020 13:06

Tgt Ion: 75 Resp: 1224
 Ion Ratio Lower Upper
 75 100
 77 62.3 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015787.D

Acq: 29 Apr 2020 13:06

Instrument :

MSVOA_V

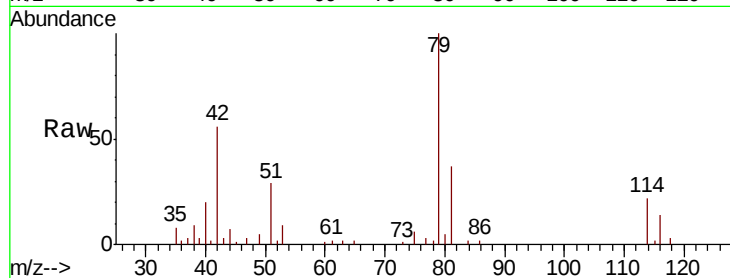
ClientSampled :

Tot Ion: 75 Resp: 697

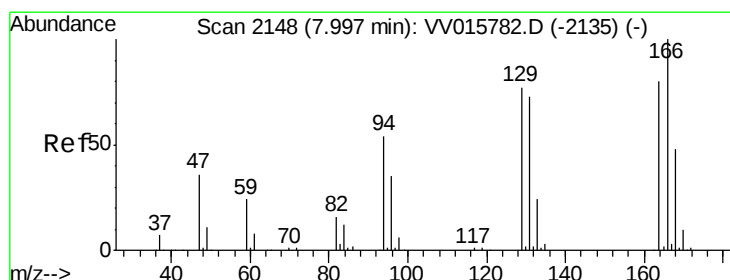
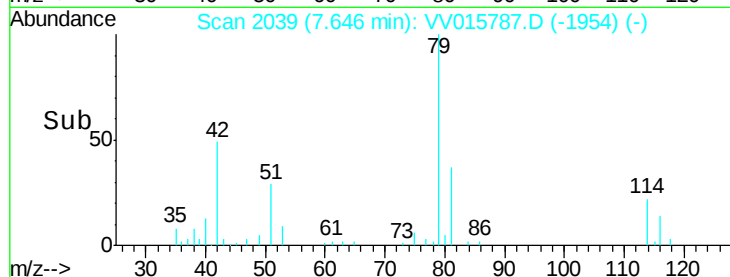
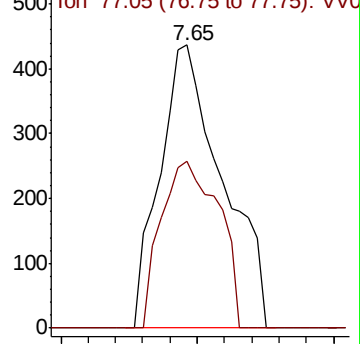
Ion Ratio Lower Upper

75 100

77 58.8 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV015787.D (-1954) (-)



#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015787.D

Acq: 29 Apr 2020 13:06

Tgt Ion: 164 Resp: 927

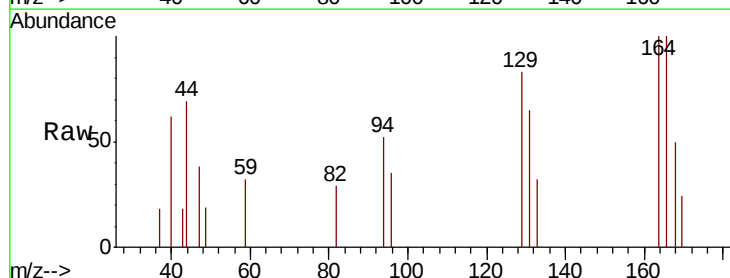
Ion Ratio Lower Upper

164 100

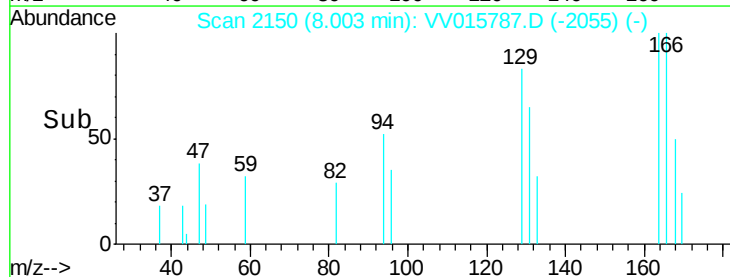
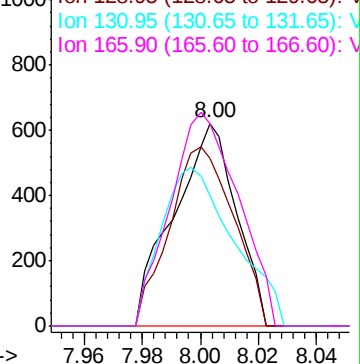
129 83.0 66.7 123.9

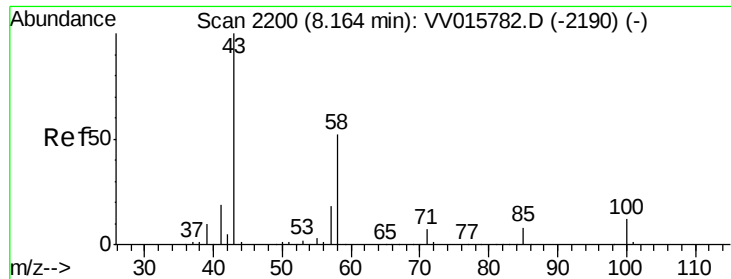
131 64.6 66.6 123.6#

166 99.7 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015787.D (-2055) (-)

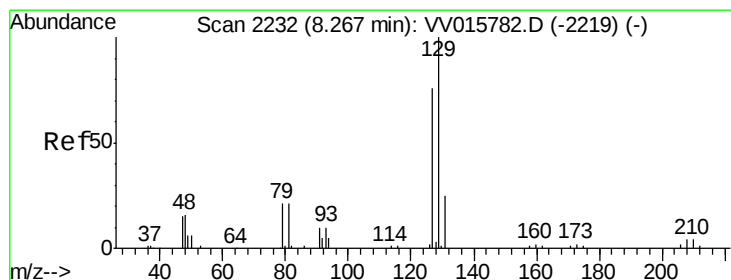
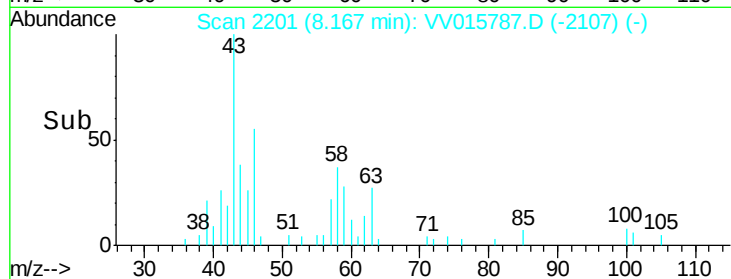
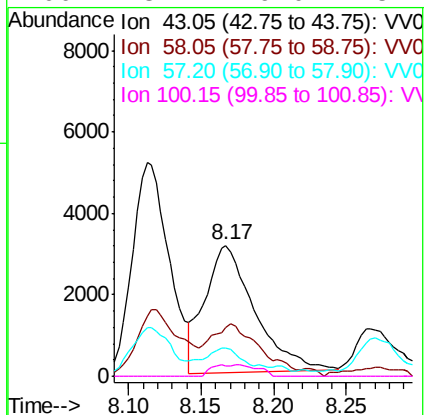
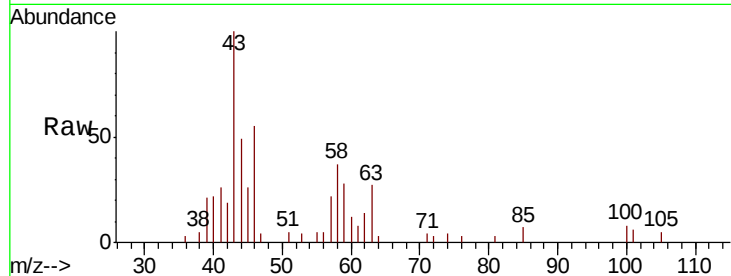




#48
2-Hexanone
Concen: 1.680 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7536
Ion Ratio Lower Upper
43 100
58 34.7 41.1 61.7#
57 14.4 15.0 22.4#
100 3.7 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.124 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

Tgt Ion: 129 Resp: 846
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

