

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015708.D
 Acq On : 25 Apr 2020 20:57
 Operator : SY/MD
 Sample : L2413-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127203	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27114	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	27677	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	43735	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.91	46	106087	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.38	84	72145	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	41789	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	134130	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	44333	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	121178	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.65	79	10591	2.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.80%
46) 2-Hexanone-d5	8.11	63	77557	44.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32311	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	47633	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

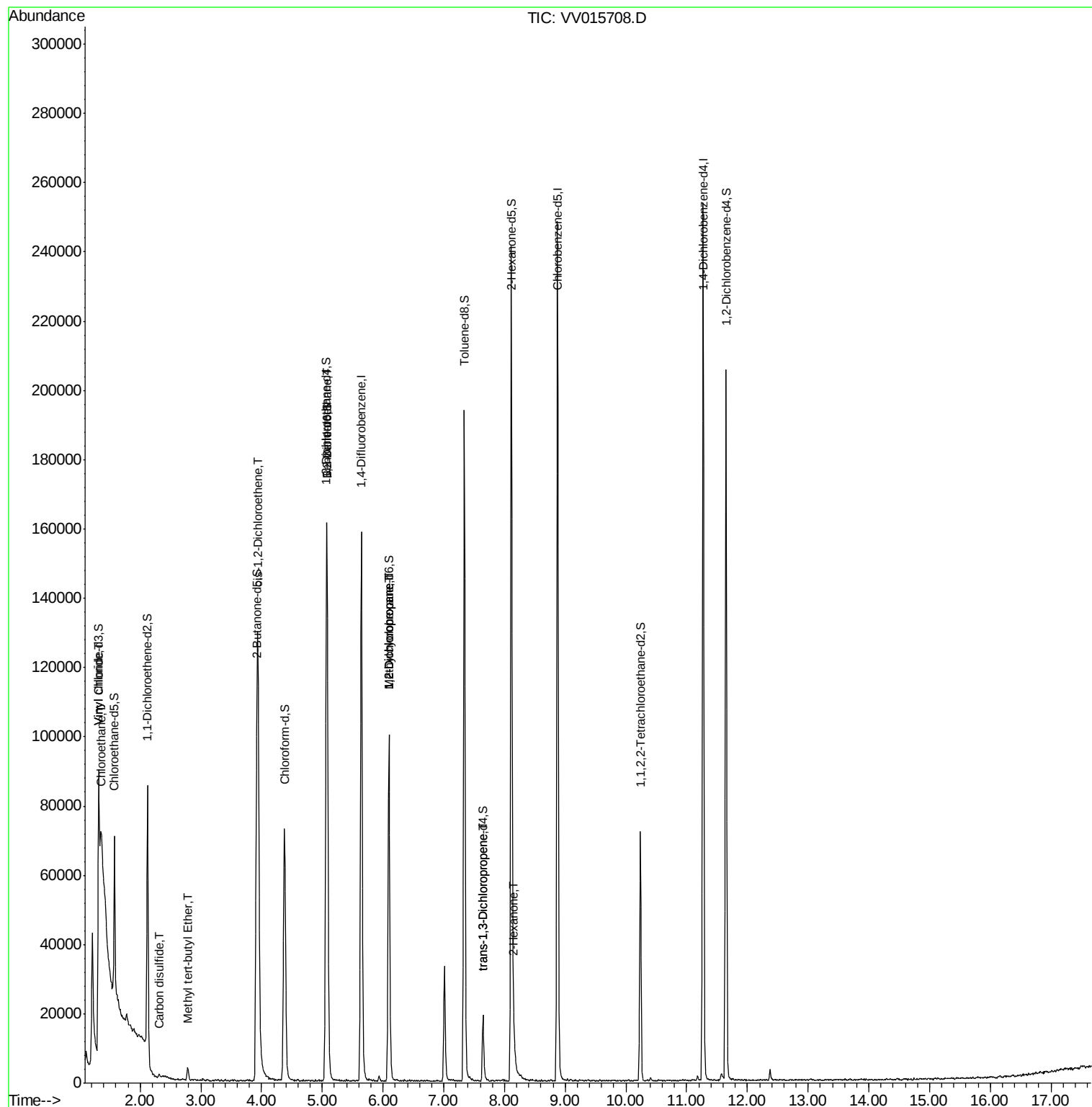
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	6648	0.660	ug/L #	1
8) Chloroethane	1.36	64	323676	48.955	ug/L #	52
14) Carbon disulfide	2.31	76	1590	0.076	ug/L #	75
17) Methyl tert-butyl Ether	2.79	73	1268	0.061	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	53633	5.852	ug/L	98
27) 1,2-Dichloroethane	5.07	62	1059	0.093	ug/L #	78
35) Methylcyclohexane	6.09	83	10896	0.736	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5745	0.647	ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	573	0.055	ug/L	99
48) 2-Hexanone	8.16	43	3053	0.743	ug/L #	82

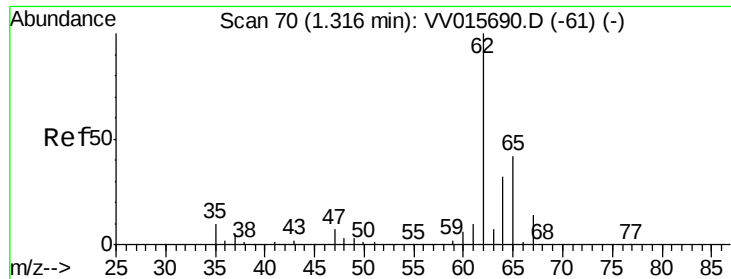
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.660 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015708.D

Acq: 25 Apr 2020 20:57

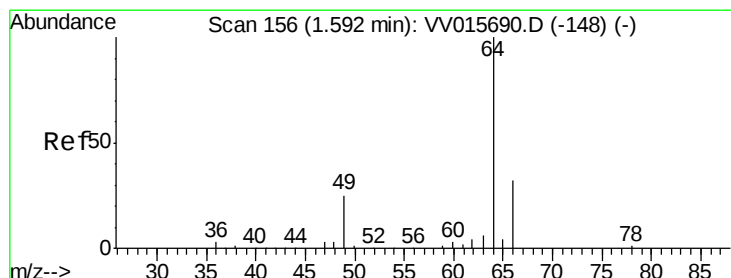
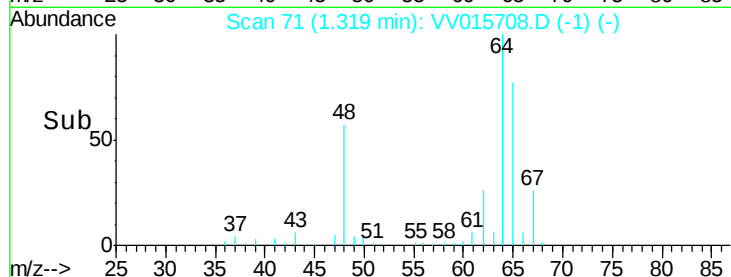
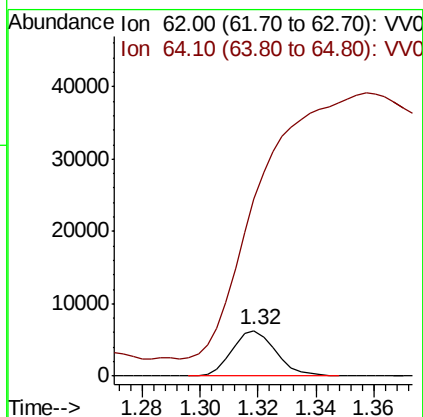
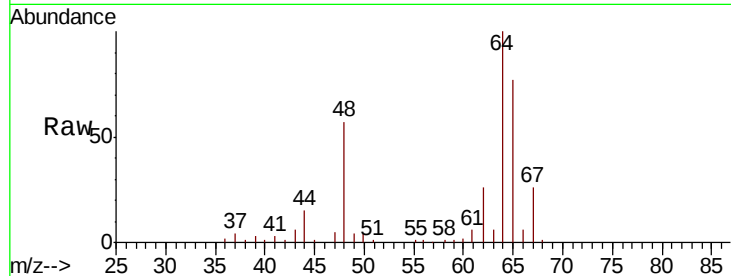
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 6648

Ion Ratio Lower Upper

62 100

64 391.8 22.7 42.1#



#8

Chloroethane

Concen: 48.955 ug/L

RT: 1.36 min Scan# 83

Delta R.T. -0.23 min

Lab File: VV015708.D

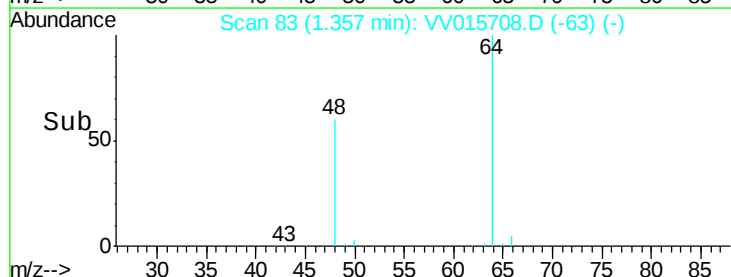
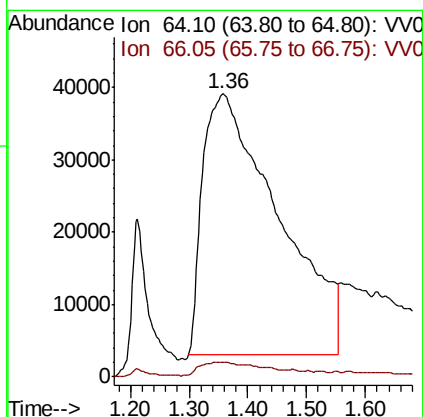
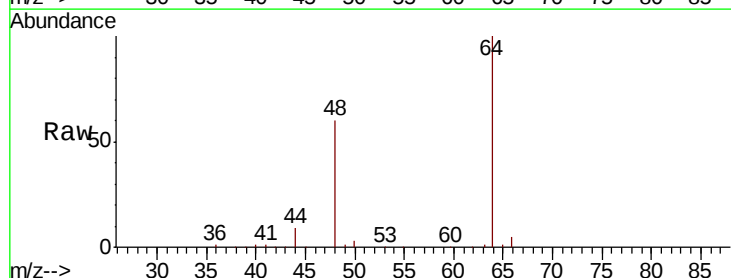
Acq: 25 Apr 2020 20:57

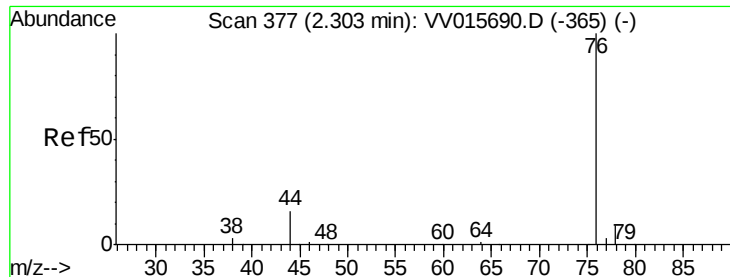
Tgt Ion: 64 Resp: 323676

Ion Ratio Lower Upper

64 100

66 5.1 22.3 41.5#





#14

Carbon disulfide

Concen: 0.076 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015708.D

Acq: 25 Apr 2020 20:57

Instrument :

MSVOA_V

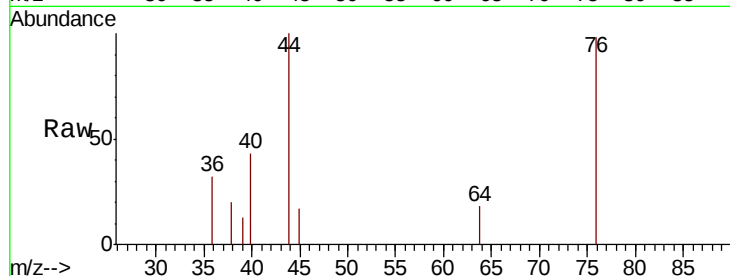
ClientSampled :

Tot Ion: 76 Resp: 1590

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

800

600

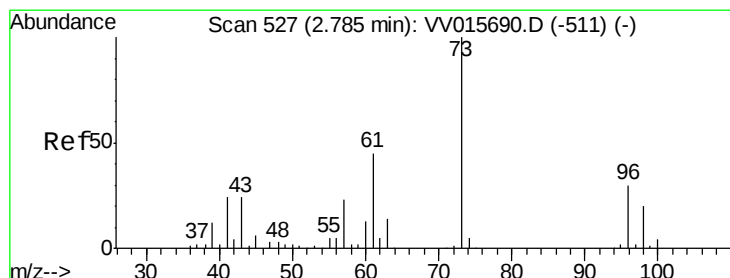
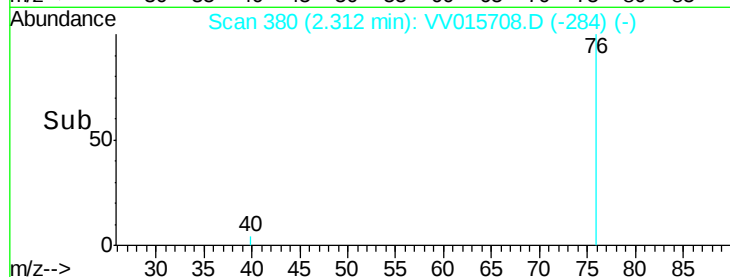
400

200

0

Time-->

2.25 2.30 2.35



#17

Methyl tert-butyl Ether

Concen: 0.061 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV015708.D

Acq: 25 Apr 2020 20:57

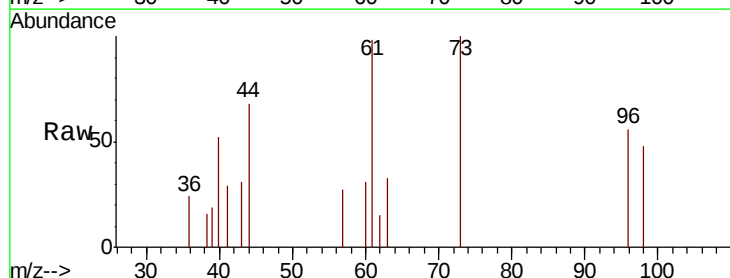
Tgt Ion: 73 Resp: 1268

Ion Ratio Lower Upper

73 100

43 28.7 20.1 30.1

57 22.3 17.8 26.8



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

800

600

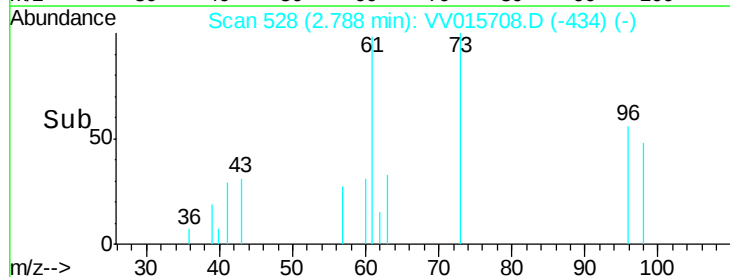
400

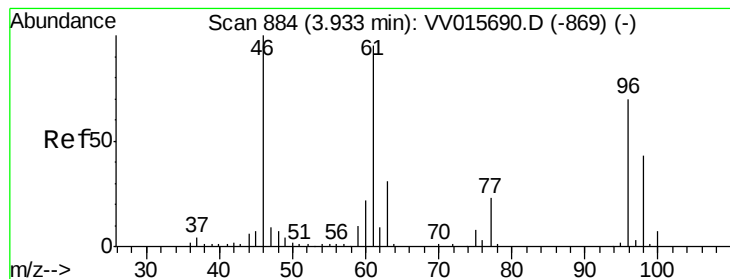
200

0

Time-->

2.75 2.80 2.85





#22

cis-1,2-Dichloroethene

Concen: 5.852 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015708.D

Acq: 25 Apr 2020 20:57

Instrument :

MSVOA_V

ClientSampleId :

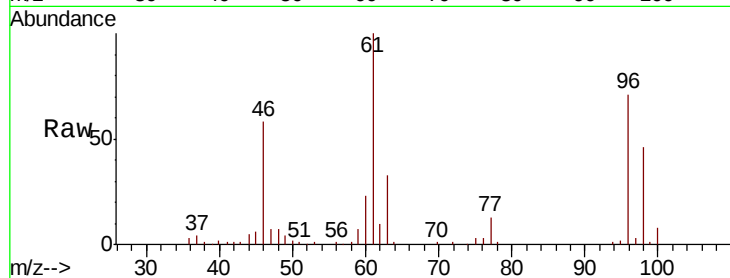
Tot Ion: 96 Resp: 53633

Ion Ratio Lower Upper

96 100

61 140.3 96.4 179.0

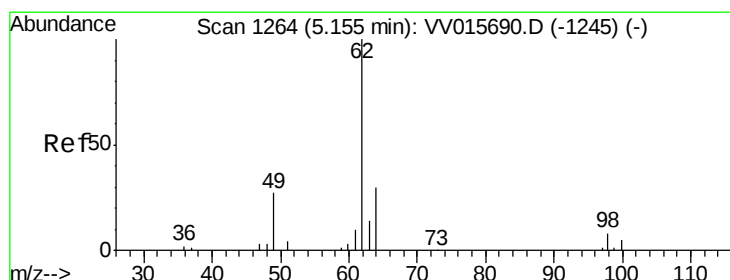
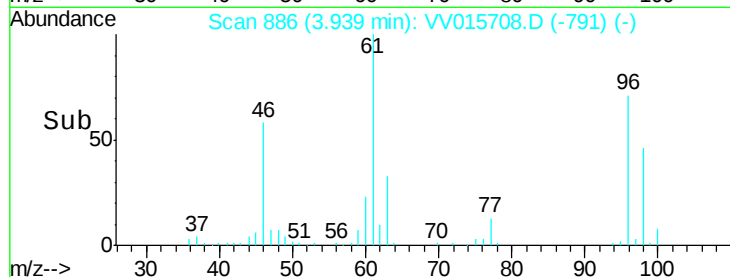
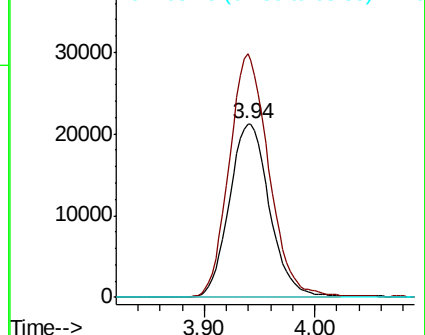
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015690.D (-869) (-)

Ion 61.05 (60.75 to 61.75): VV015690.D (-869) (-)

Ion 68.15 (67.85 to 68.85): VV015690.D (-869) (-)



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015708.D

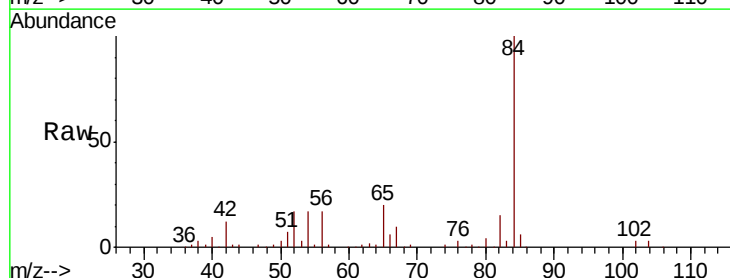
Acq: 25 Apr 2020 20:57

Tgt Ion: 62 Resp: 1059

Ion Ratio Lower Upper

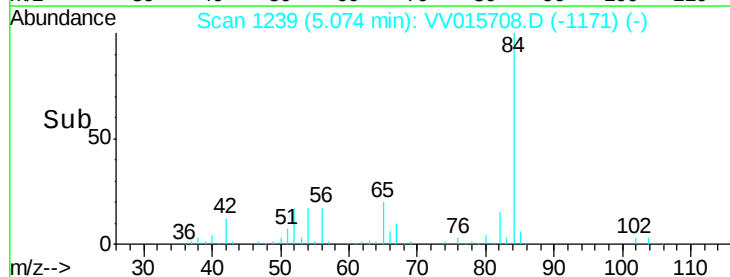
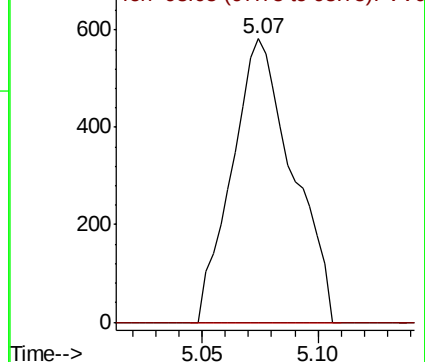
62 100

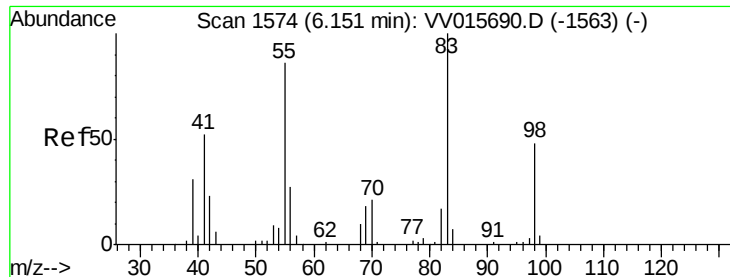
98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VV015690.D (-1245) (-)

Ion 98.05 (97.75 to 98.75): VV015690.D (-1245) (-)

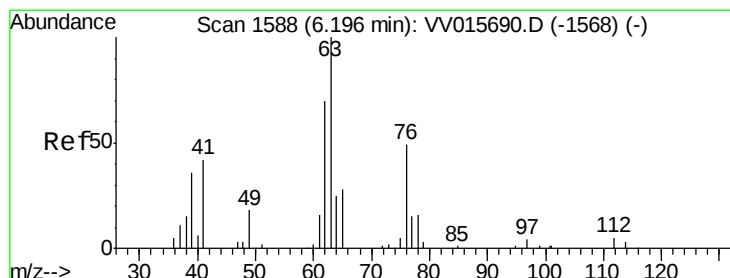
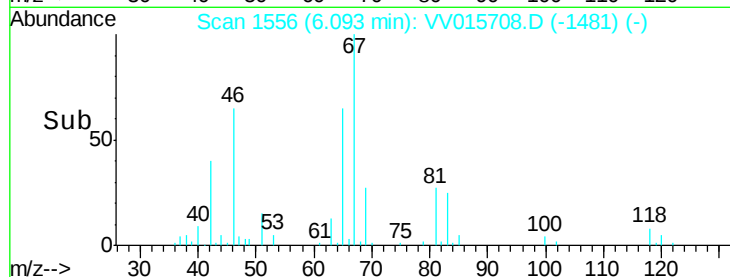
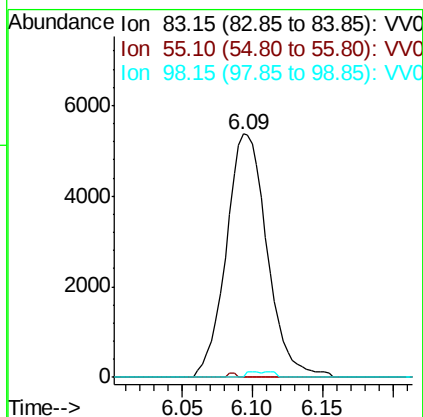
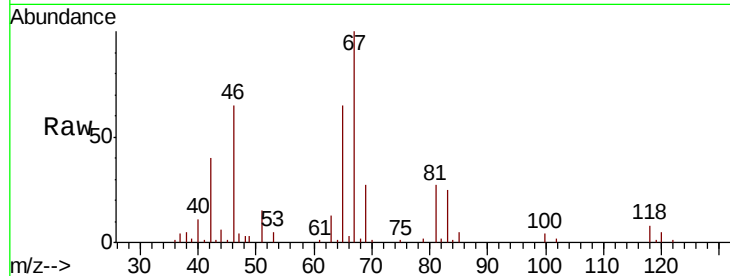




#35
Methvlcvclohexane
Concen: 0.736 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015708.D
Acq: 25 Apr 2020 20:57

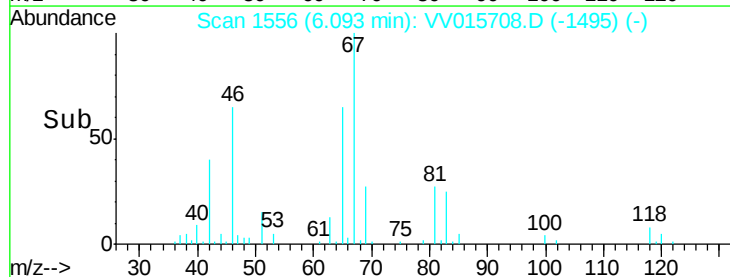
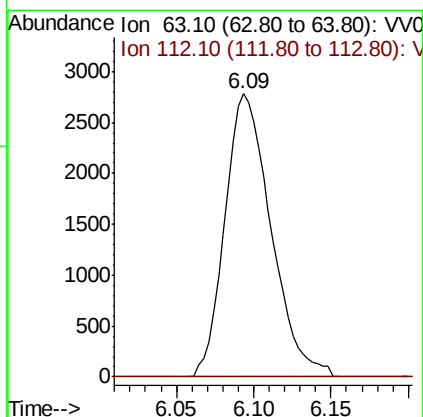
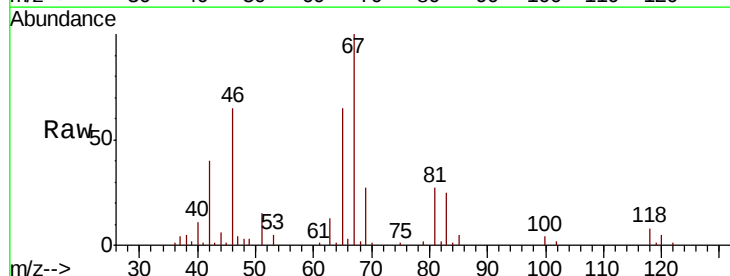
Instrument :
MSVOA_V
ClientSampleId :

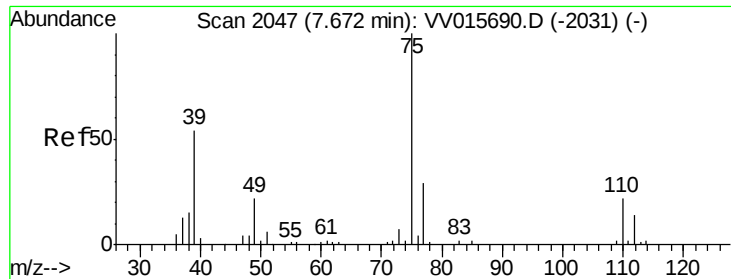
Tot Ion: 83 Resp: 10896
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.8 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015708.D
Acq: 25 Apr 2020 20:57

Tgt Ion: 63 Resp: 5745
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

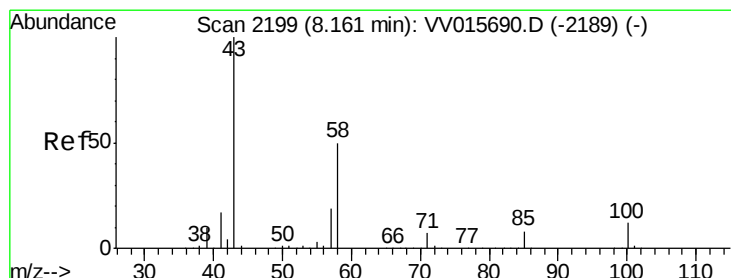
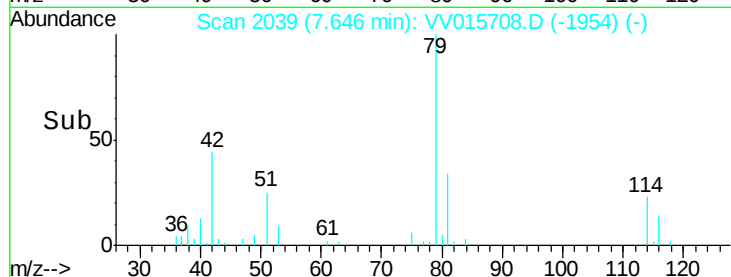
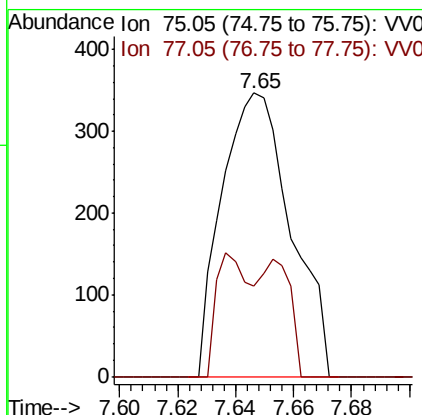
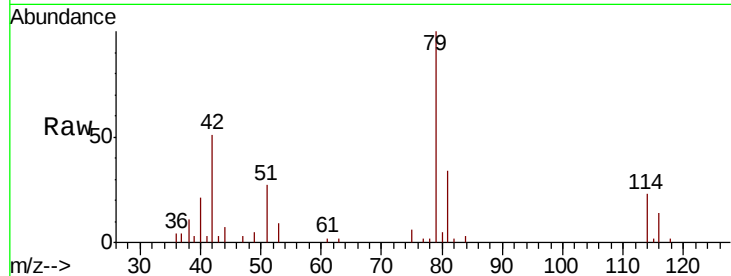




#44
 trans-1,3-Dichloropropene
 Concen: 0.055 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015708.D
 Acq: 25 Apr 2020 20:57

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 573
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.6



#48
 2-Hexanone
 Concen: 0.743 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VV015708.D
 Acq: 25 Apr 2020 20:57

Tgt Ion: 43 Resp: 3053
 Ion Ratio Lower Upper
 43 100
 58 37.8 41.1 61.7#
 57 23.1 15.0 22.4#
 100 1.3 9.0 13.4#

