

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016367.D
 Acq On : 30 May 2020 18:13
 Operator : SY/MD
 Sample : L2826-03DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:13:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92650	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85938	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34183	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	26831	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	48705	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.93	46	86323	49.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	4.38	84	59173	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.06	65	32615	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.08	84	121635	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	36630	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.34	98	106066	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
45) trans-1,3-Dichloropropene-	7.65	79	12325	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.11	63	66929	52.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24715	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	36859	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1392	0.150	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	450	0.072	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1077	0.181	ug/L #	1
14) Carbon disulfide	2.31	76	1409	0.078	ug/L #	94
16) Methylene chloride	2.53	84	790	0.124	ug/L	85
18) trans-1,2-Dichloroethene	2.78	96	9643	1.524	ug/L	96
19) 1,1-Dichloroethane	3.22	63	638	0.051	ug/L #	89
22) cis-1,2-Dichloroethene	3.94	96	58629	8.393	ug/L	99
27) 1,2-Dichloroethane	5.07	62	754	0.091	ug/L #	76
34) Trichloroethene	5.94	95	81652	12.239	ug/L	94
35) Methylcyclohexane	6.10	83	8655	0.805	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4358	0.677	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	953	0.112	ug/L #	61
46) trans-1,3-Dichloropropene	7.64	75	654	0.093	ug/L #	71
70) Naphthalene	13.53	128	94579	5.124	ug/L	99

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QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

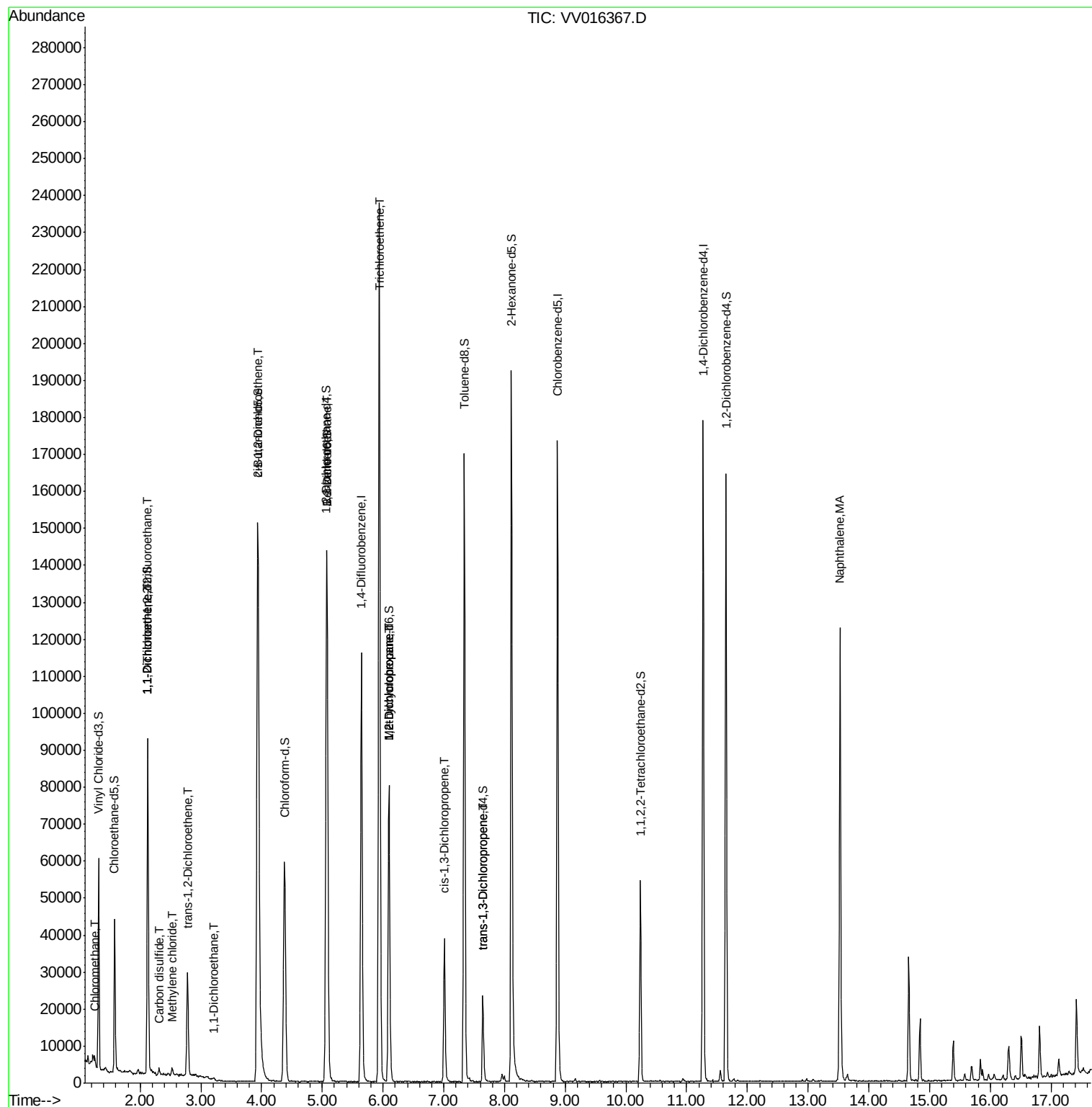
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

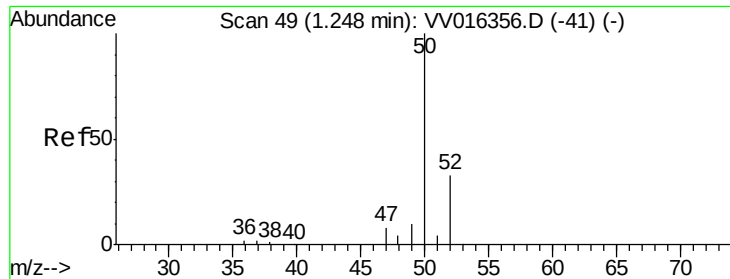
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA_V

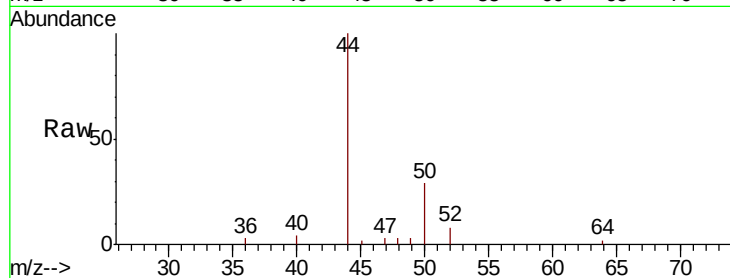
ClientSampleId :

Tot Ion: 50 Resp: 1392

Ion Ratio Lower Upper

50 100

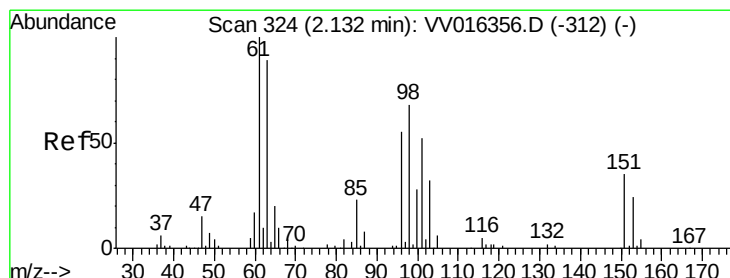
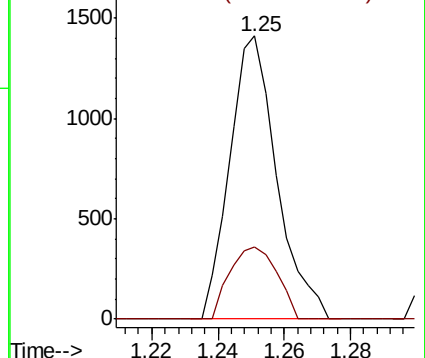
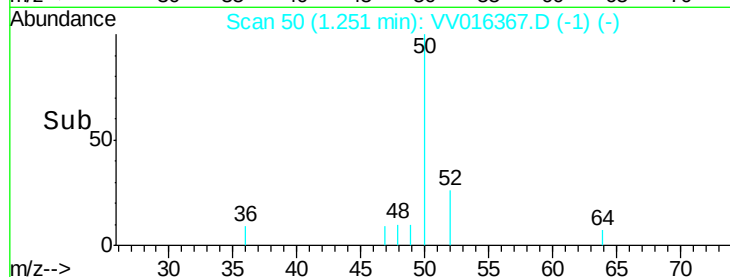
52 25.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV016367.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV016367.D (-1) (-)

Time-->



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

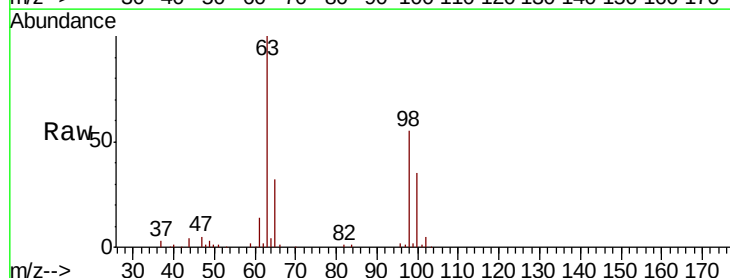
Tgt Ion:101 Resp: 450

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 57.2 85.8#

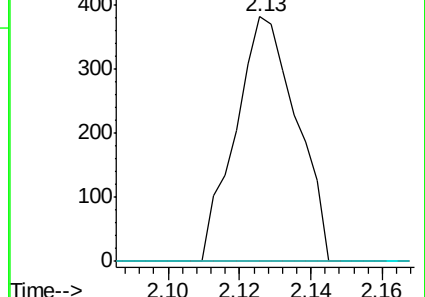
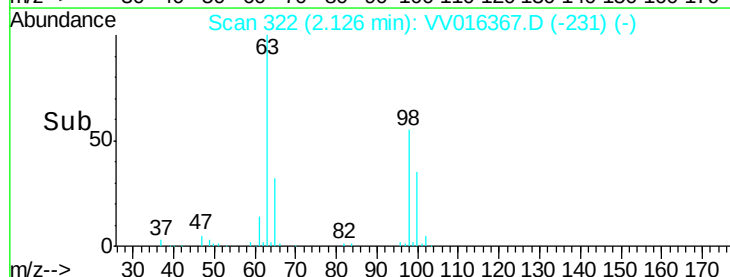


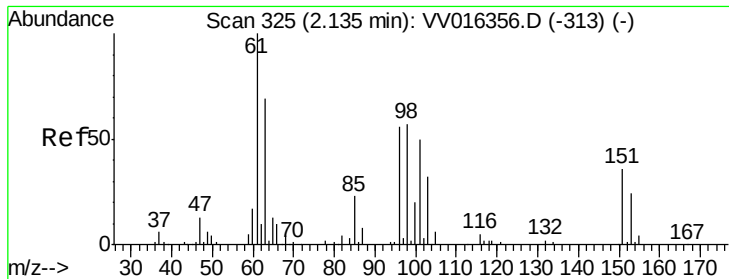
Abundance Ion 101.00 (100.70 to 101.70): VV016367.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016367.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016367.D (-231) (-)

Time-->

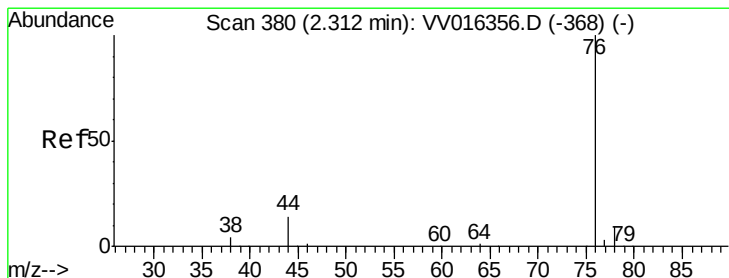
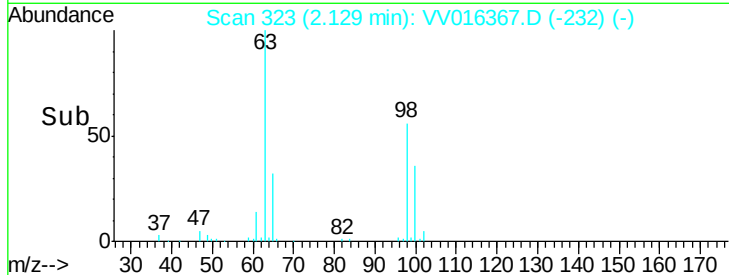
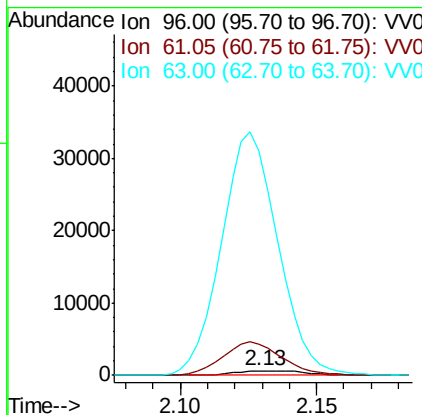
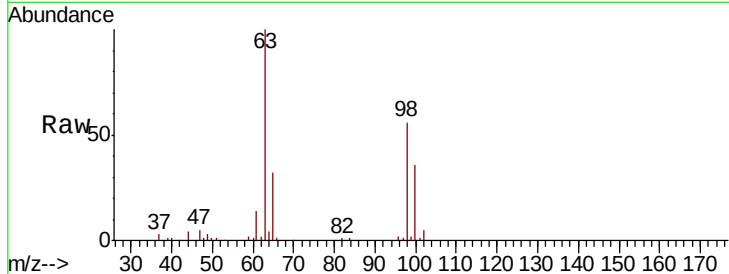




#12
 1,1-Dichloroethene
 Concen: 0.181 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

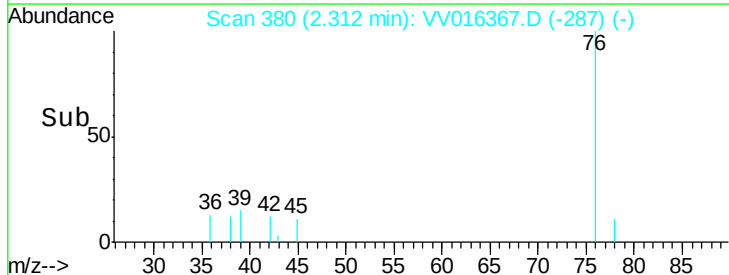
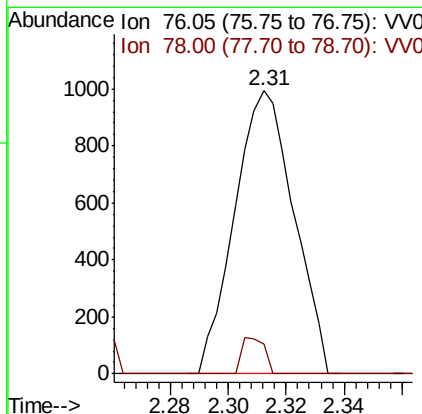
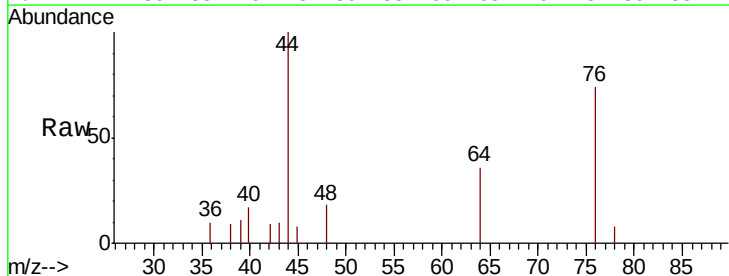
Instrument :
 MSVOA_V
 ClientSampled :

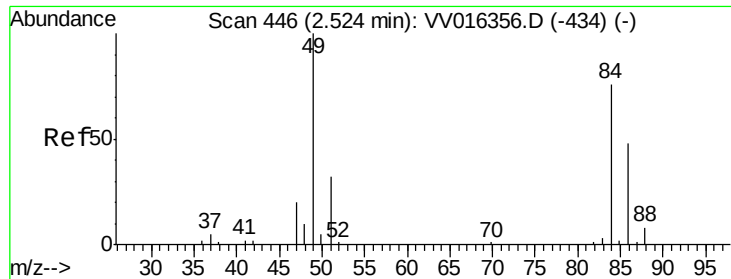
Tot Ion: 96 Resp: 1077
 Ion Ratio Lower Upper
 96 100
 61 704.5 125.4 233.0#
 63 4995.5 88.2 163.8#



#14
 Carbon disulfide
 Concen: 0.078 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

Tgt Ion: 76 Resp: 1409
 Ion Ratio Lower Upper
 76 100
 78 10.6 6.8 10.2#

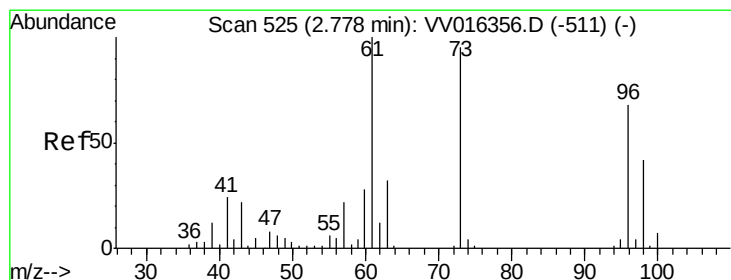
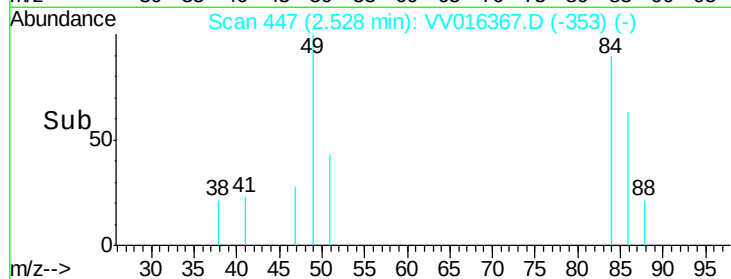
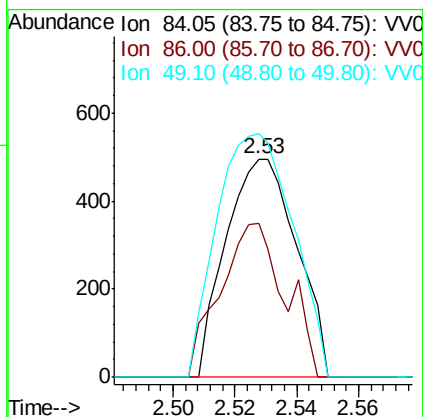
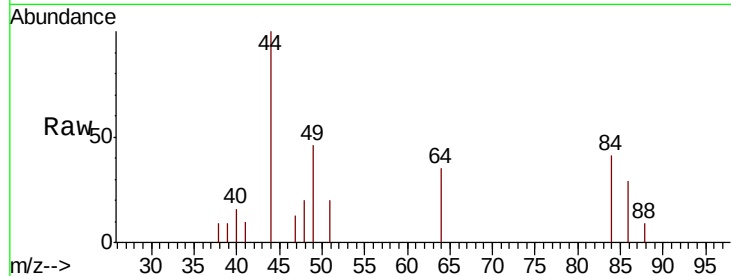




#16
Methylene chloride
Concen: 0.124 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016367.D
Acq: 30 May 2020 18:13

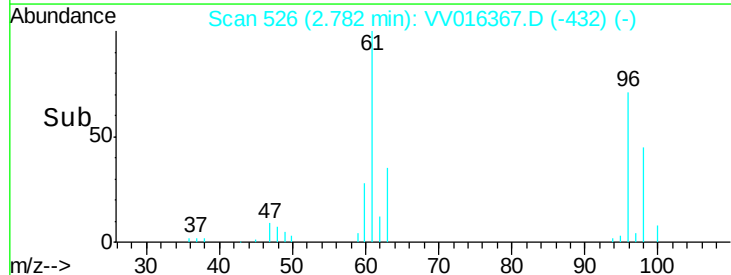
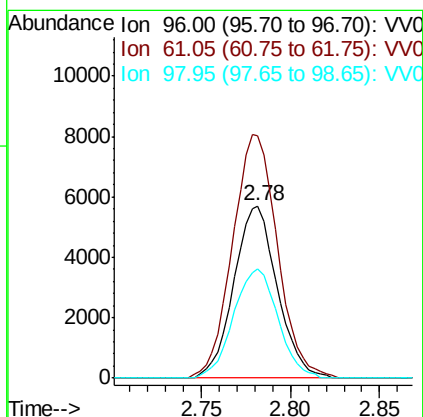
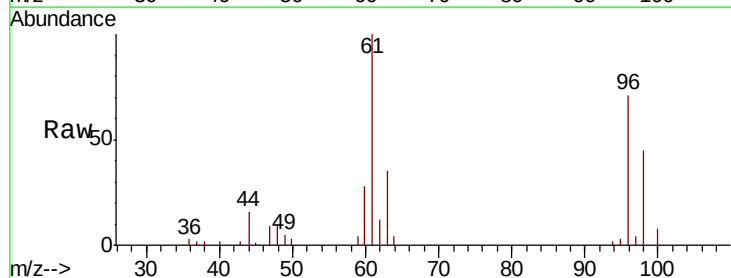
Instrument :
MSVOA_V
ClientSampleId :

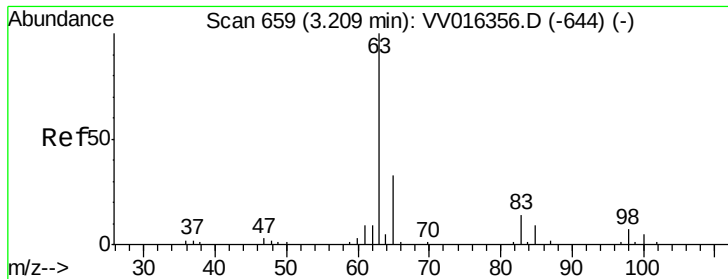
Tot Ion: 84 Resp: 790
Ion Ratio Lower Upper
84 100
86 70.6 44.5 82.7
49 111.5 92.3 171.3



#18
trans-1,2-Dichloroethene
Concen: 1.524 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV016367.D
Acq: 30 May 2020 18:13

Tgt Ion: 96 Resp: 9643
Ion Ratio Lower Upper
96 100
61 141.0 103.1 191.5
98 63.3 43.0 79.8

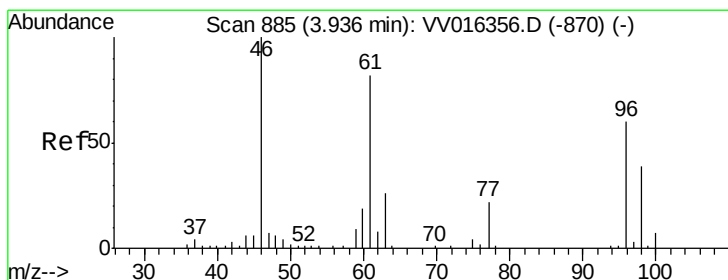
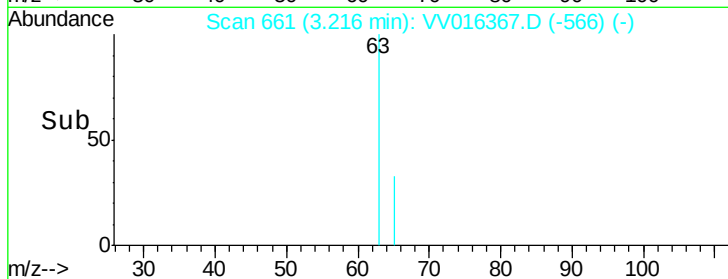
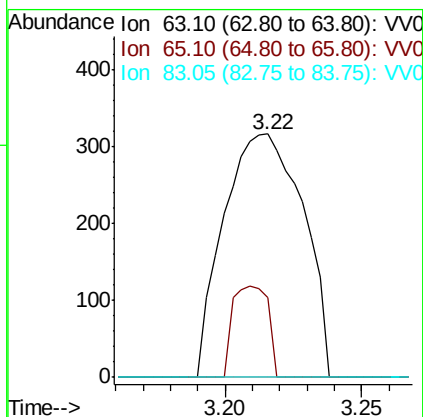
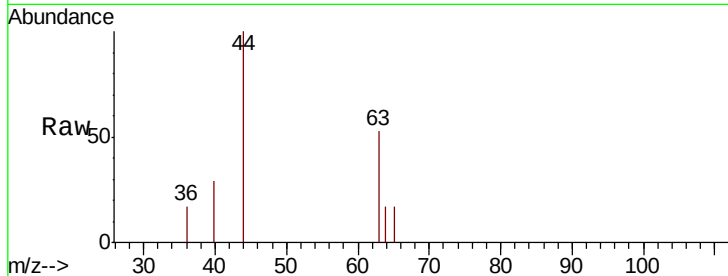




#19
 1,1-Dichloroethane
 Concen: 0.051 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

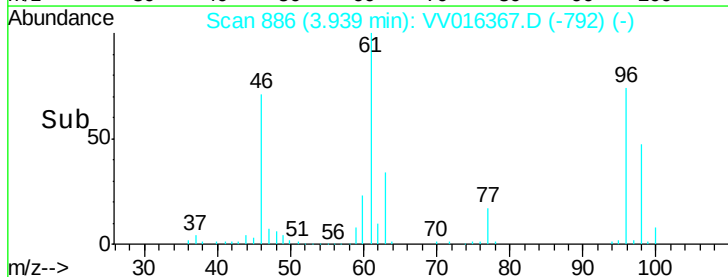
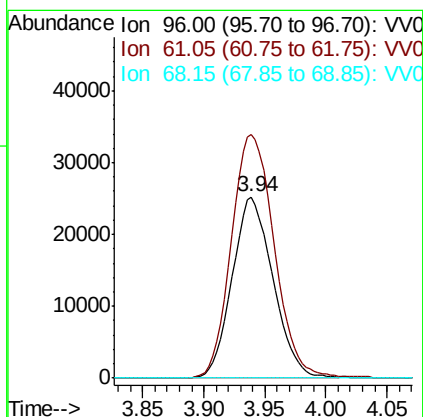
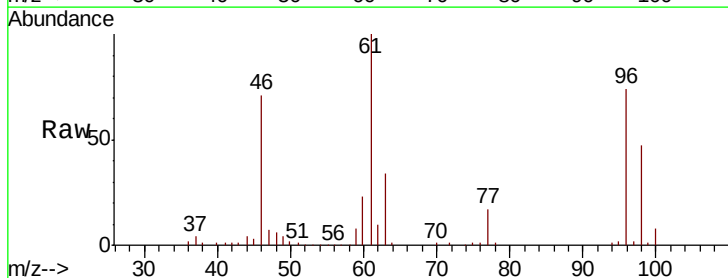
Instrument :
 MSVOA_V
 ClientSampleId :

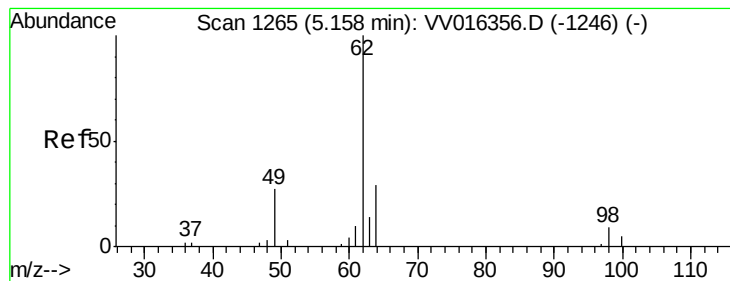
Tot Ion: 63 Resp: 638
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.3 43.3
 83 0.0 9.9 18.3#



#22
 cis-1,2-Dichloroethene
 Concen: 8.393 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

Tgt Ion: 96 Resp: 58629
 Ion Ratio Lower Upper
 96 100
 61 134.4 94.8 176.0
 68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA_V

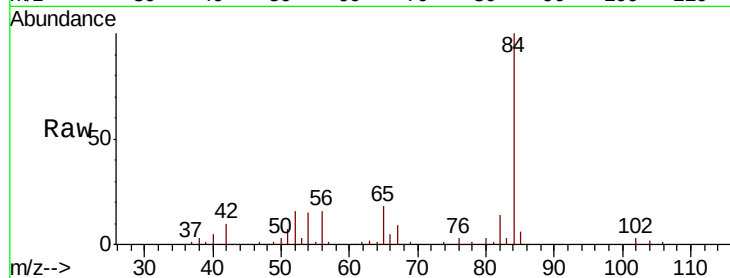
ClientSampleId :

Tot Ion: 62 Resp: 754

Ion Ratio Lower Upper

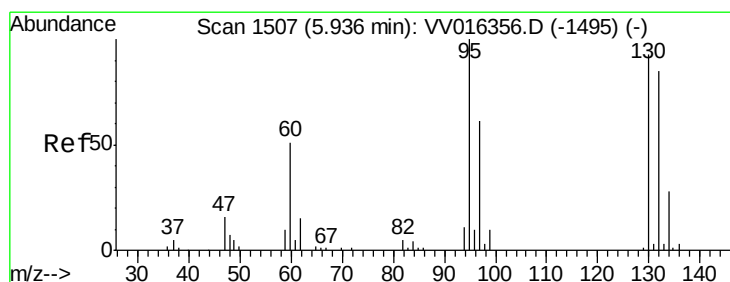
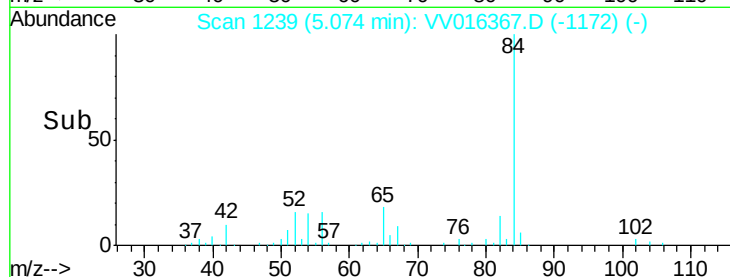
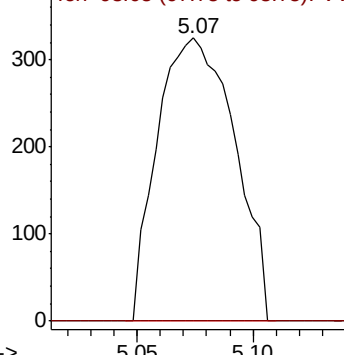
62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV016367.D (-1172) (-)

Ion 98.05 (97.75 to 98.75): VV016367.D (-1172) (-)



#34

Trichloroethene

Concen: 12.239 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Tgt Ion: 95 Resp: 81652

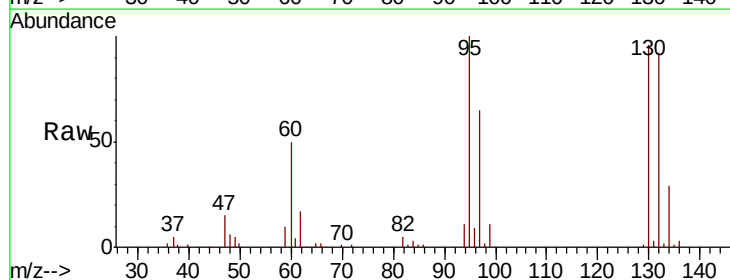
Ion Ratio Lower Upper

95 100

97 64.7 42.6 79.0

132 92.0 59.6 110.8

130 96.4 64.8 120.4

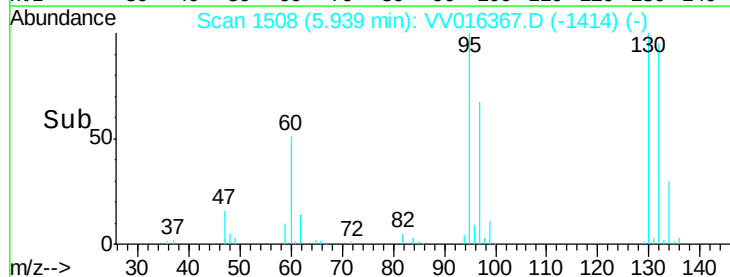
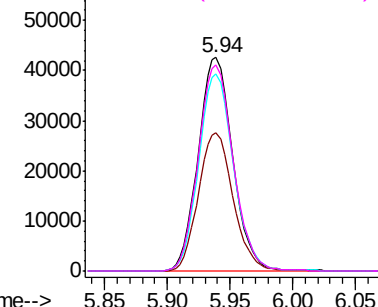


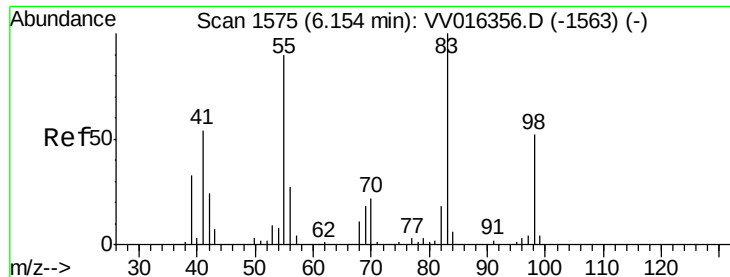
Abundance Ion 95.00 (94.70 to 95.70): VV016367.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV016367.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV016367.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV016367.D (-1414) (-)

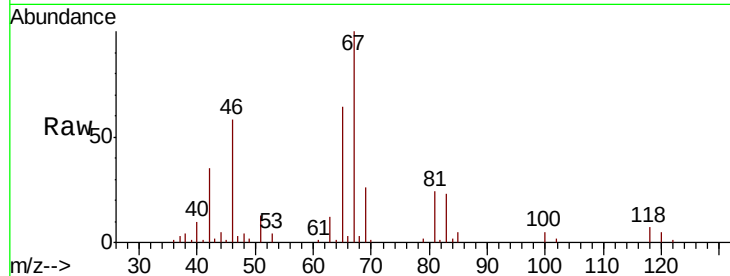




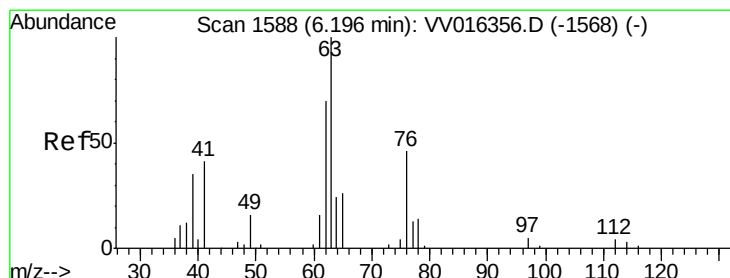
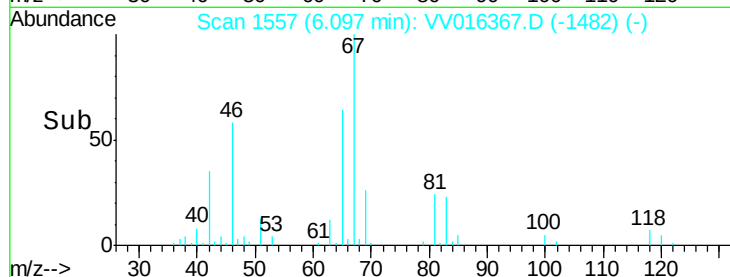
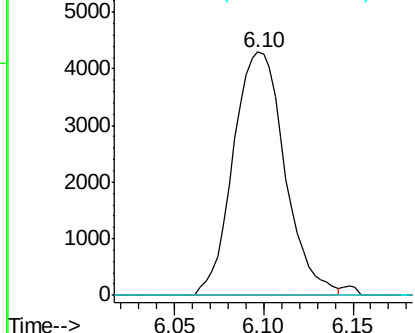
#35
Methylvlcyclohexane
Concen: 0.805 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016367.D
Acq: 30 May 2020 18:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8655
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#

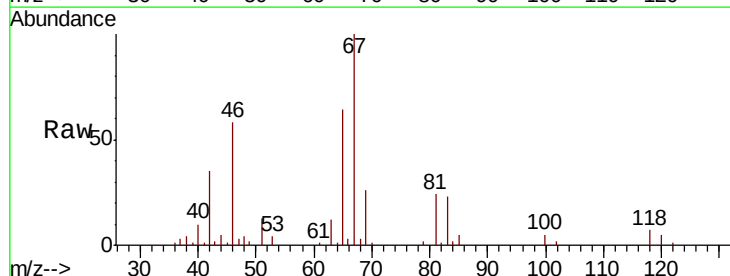


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

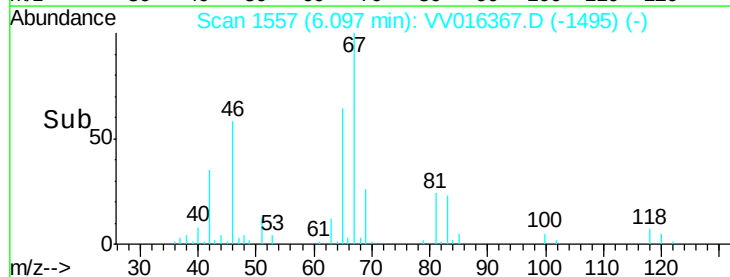
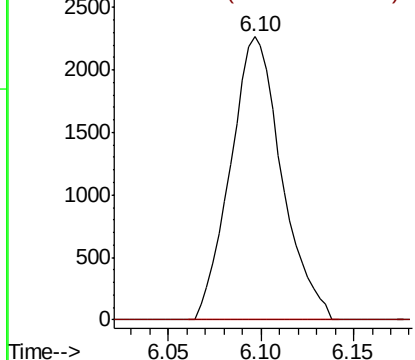


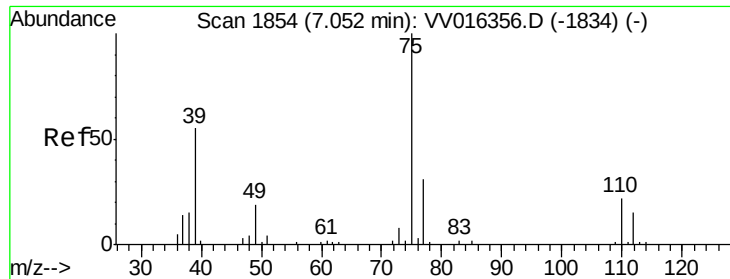
#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016367.D
Acq: 30 May 2020 18:13

Tgt Ion: 63 Resp: 4358
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

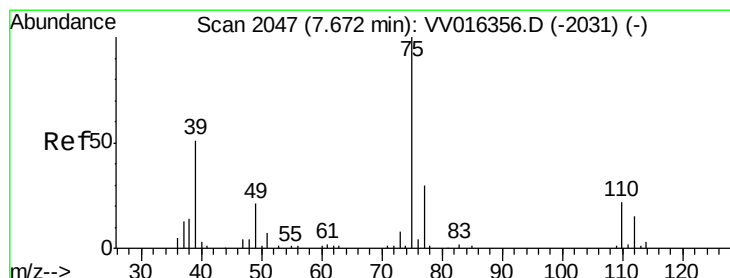
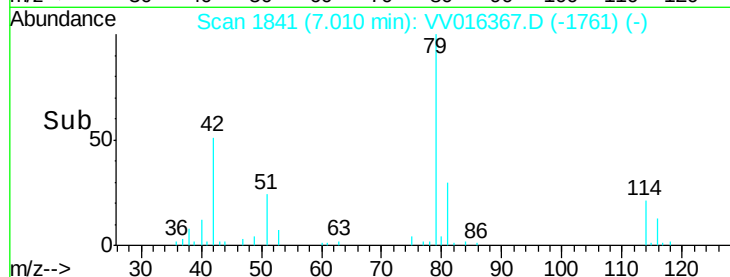
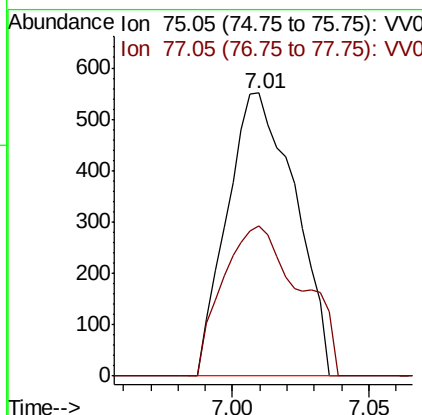
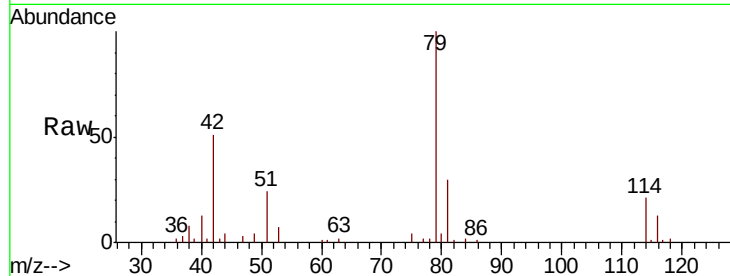




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

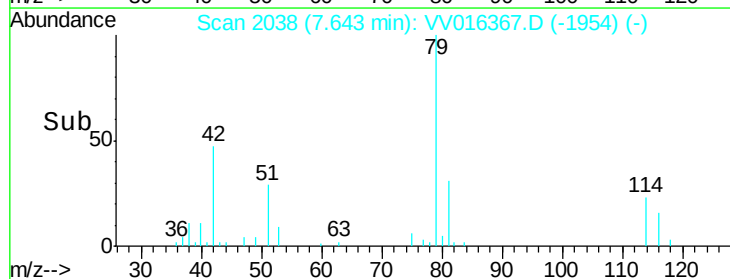
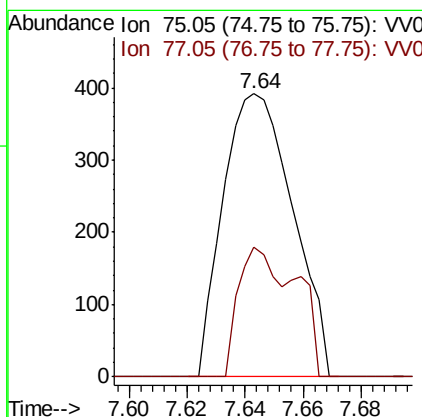
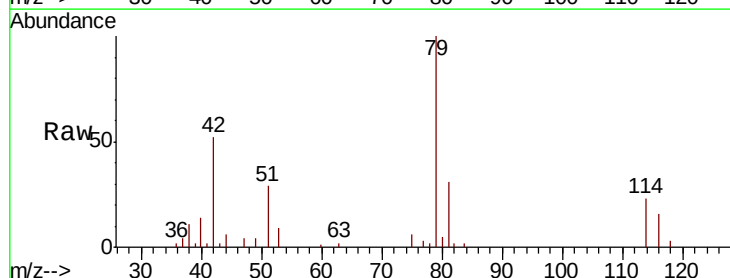
Instrument :
 MSVOA_V
 ClientSampled :

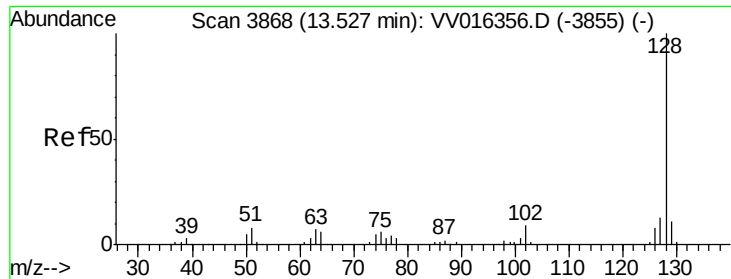
Tot Ion: 75 Resp: 953
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.0 41.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016367.D
 Acq: 30 May 2020 18:13

Tgt Ion: 75 Resp: 654
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.1 39.3#





#70

Naphthalene

Concen: 5.124 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

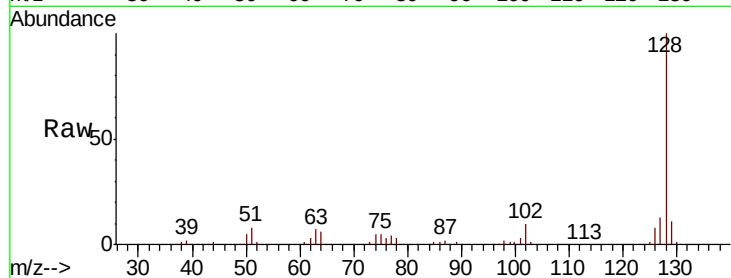
Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA_V

ClientSampleId :



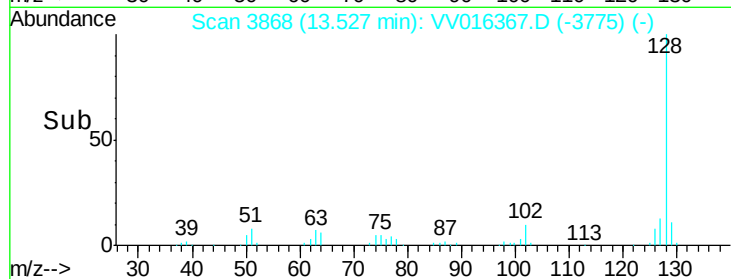
Tot Ion:128 Resp: 94579

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

