

Data File : VV014717.D
Acq On : 28 Feb 2020 19:19
Operator : SY/MD
Sample : L1730-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XW6

Quant Time: Feb 28 23:40:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 28 23:36:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	254857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102394	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	81761	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	132214	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.98	46	199099	48.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.56%
24) Chloroform-d	4.40	84	180462	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	93616	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	375912	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.11	67	118830	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.35	98	333389	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	41601	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.13	63	174666	51.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	80047	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	119053	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

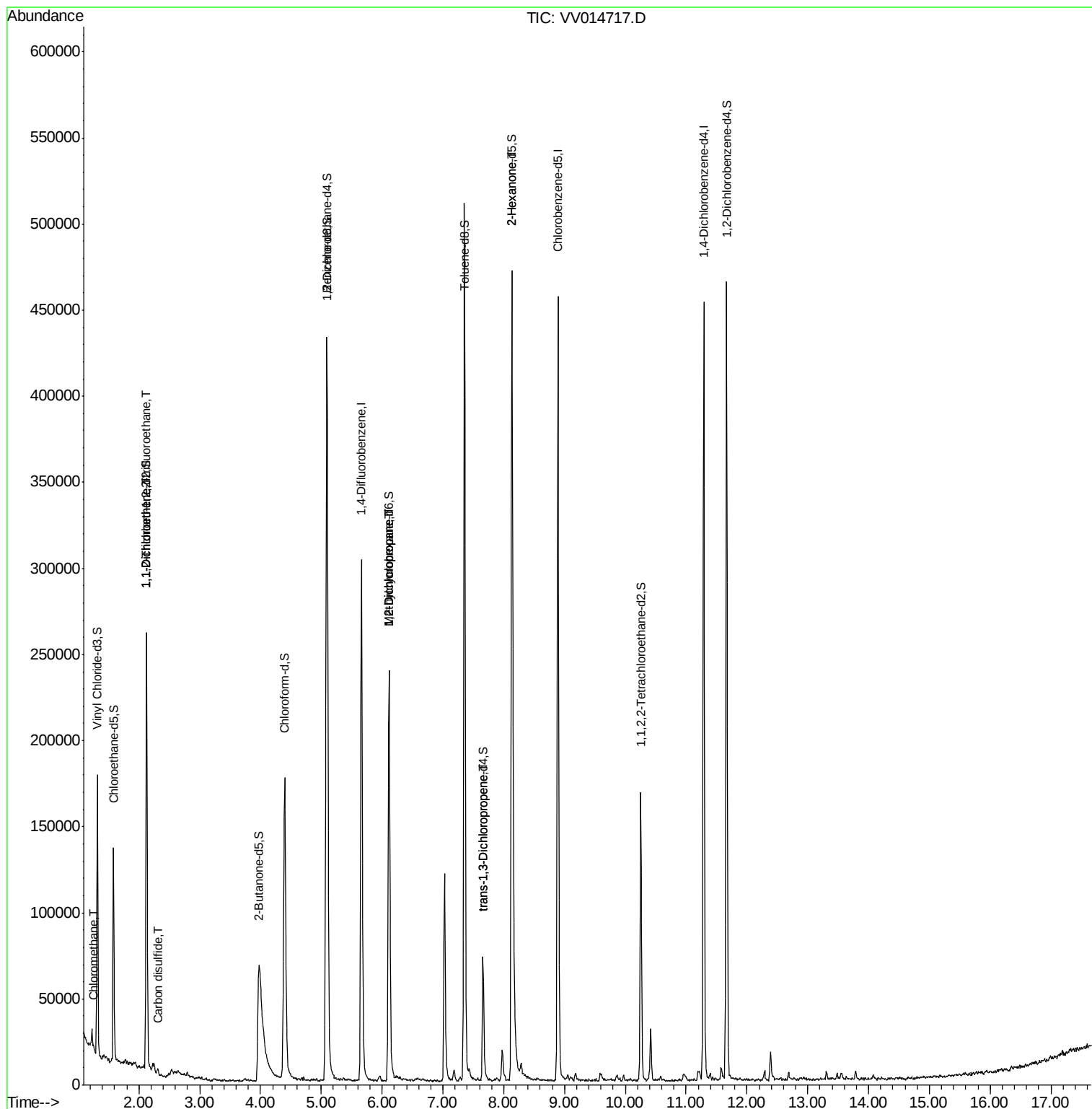
					Qvalue	
3) Chloromethane	1.25	50	1975	0.077	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1522	0.090	ug/L #	34
12) 1,1-Dichloroethene	2.13	96	1504	0.094	ug/L #	1
14) Carbon disulfide	2.31	76	2490	0.045	ug/L #	89
35) Methylcyclohexane	6.11	83	27076	0.767	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12886	0.637	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1567	0.069	ug/L #	82
48) 2-Hexanone	8.13	43	21976	2.546	ug/L #	89

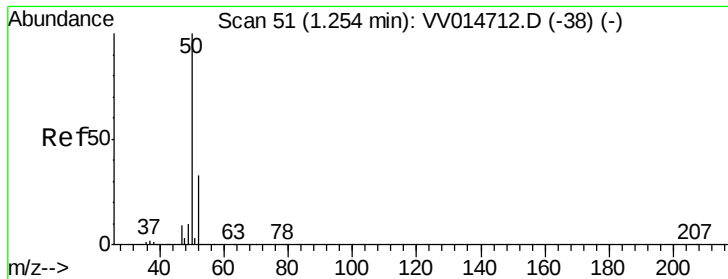
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 28 Feb 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

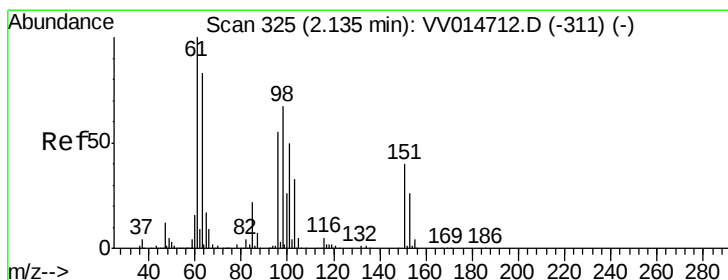
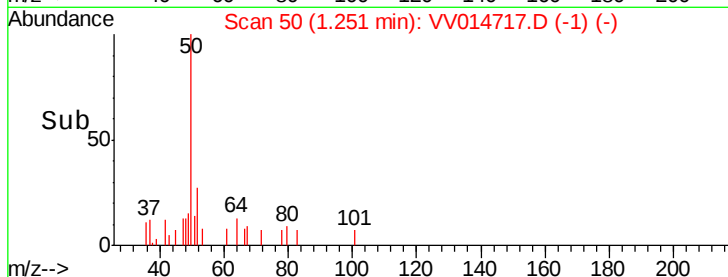
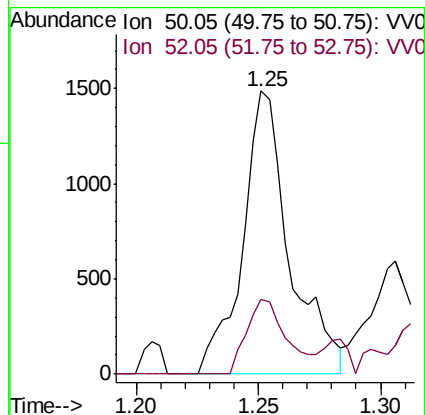
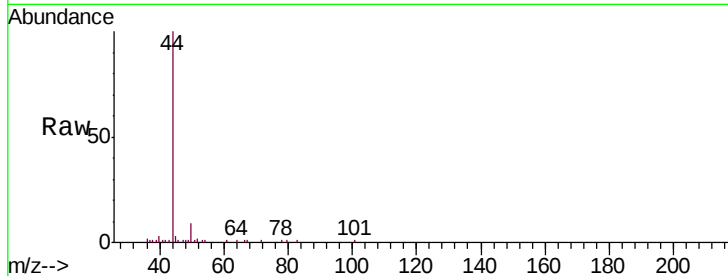
C0XW6

Tgt Ion: 50 Resp: 1975

Ion Ratio Lower Upper

50 100

52 26.6 22.9 42.5



#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV014717.D

Acq: 28 Feb 2020 19:19

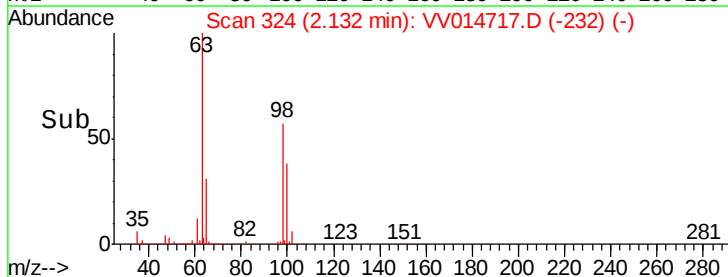
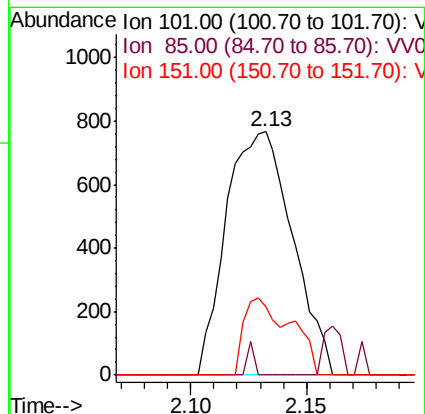
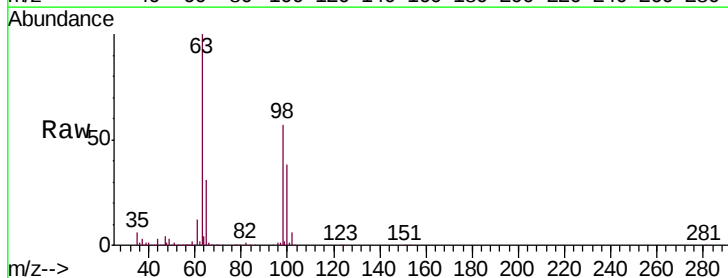
Tgt Ion: 101 Resp: 1522

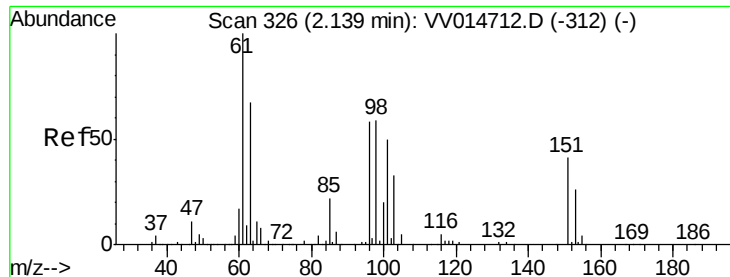
Ion Ratio Lower Upper

101 100

85 1.4 35.3 52.9#

151 22.3 65.3 97.9#





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014717.D

Acq: 28 Feb 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

C0XW6

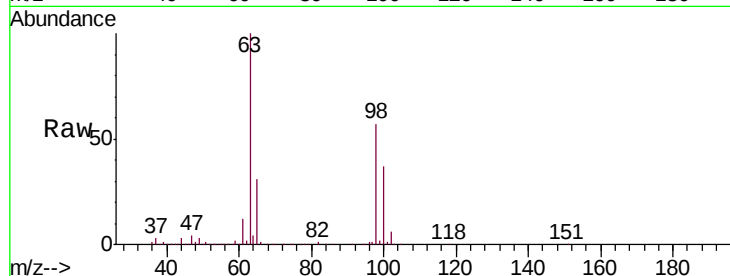
Tgt Ion: 96 Resp: 1504

Ion Ratio Lower Upper

96 100

61 1183.0 121.3 225.3#

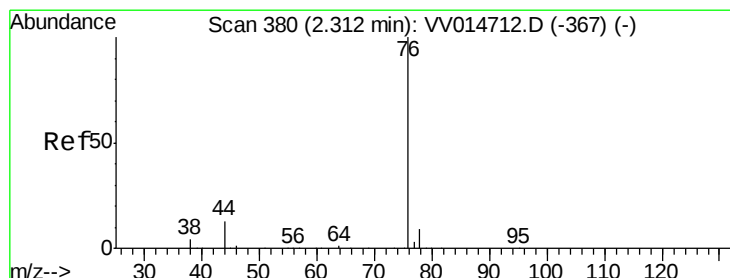
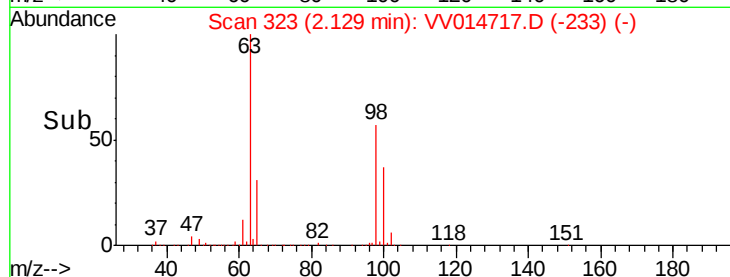
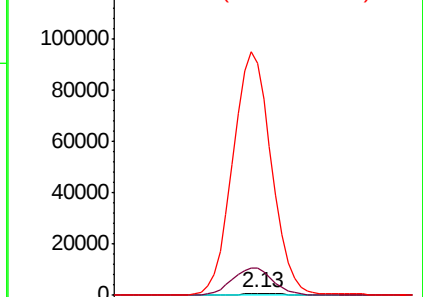
63 10064.1 81.6 151.6#



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



#14

Carbon disulfide

Concen: 0.045 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV014717.D

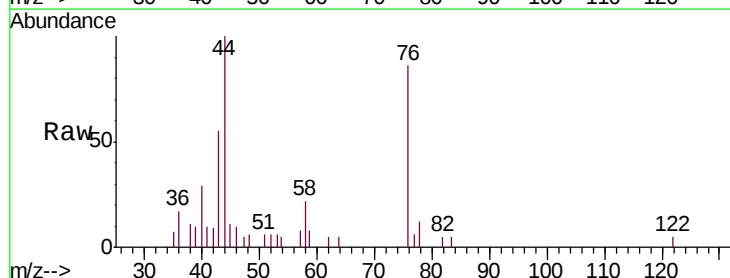
Acq: 28 Feb 2020 19:19

Tgt Ion: 76 Resp: 2490

Ion Ratio Lower Upper

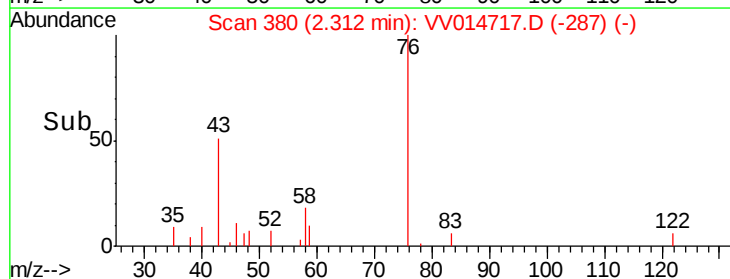
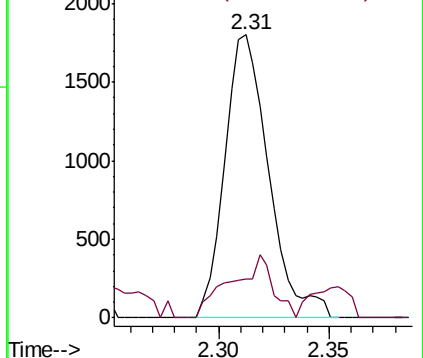
76 100

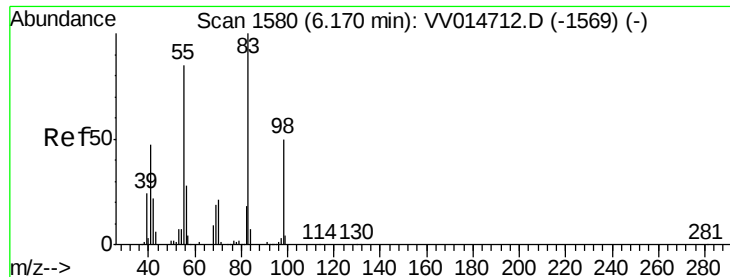
78 13.6 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

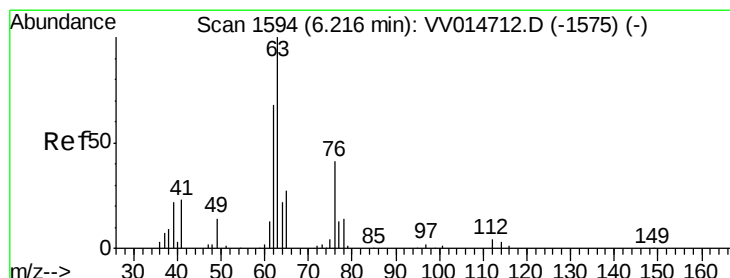
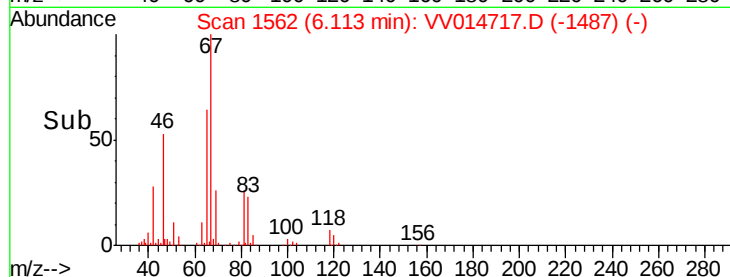
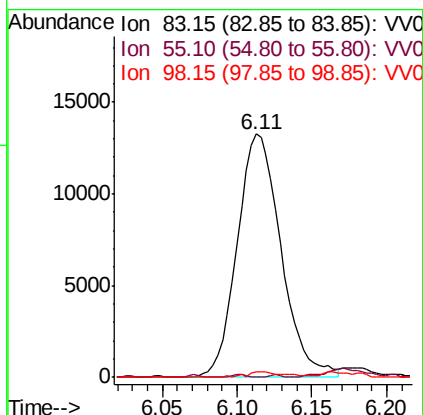
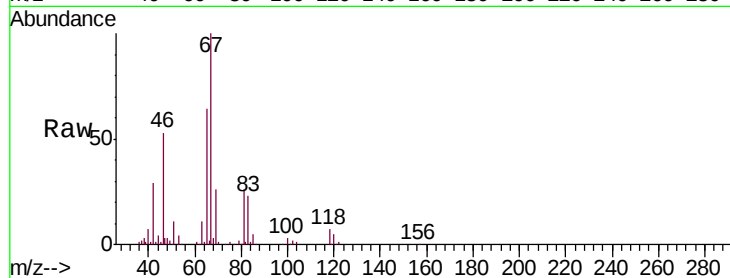




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014717.D
Acq: 28 Feb 2020 19:19

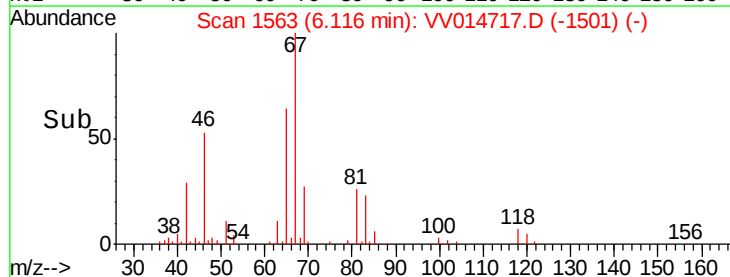
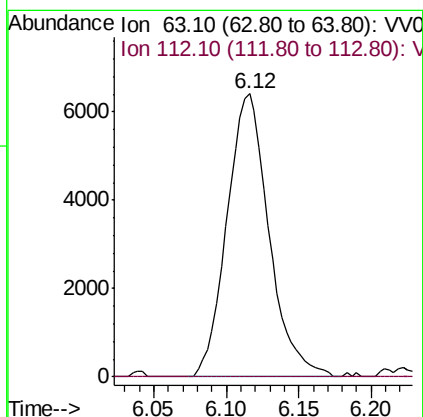
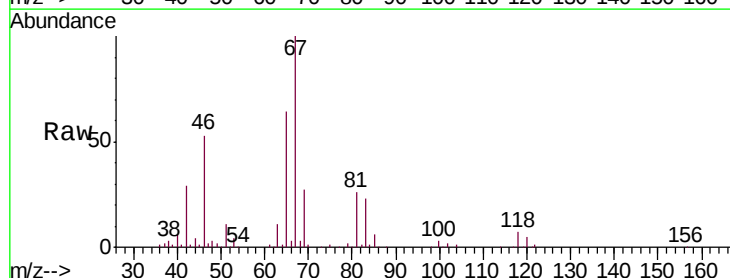
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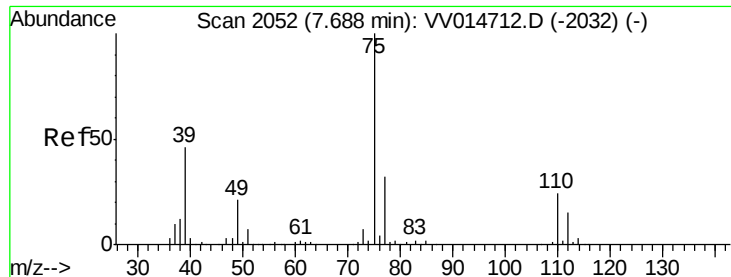
Tgt Ion: 83 Resp: 27076
Ion Ratio Lower Upper
83 100
55 0.4 64.6 96.8#
98 1.4 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014717.D
Acq: 28 Feb 2020 19:19

Tgt Ion: 63 Resp: 12886
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.0#

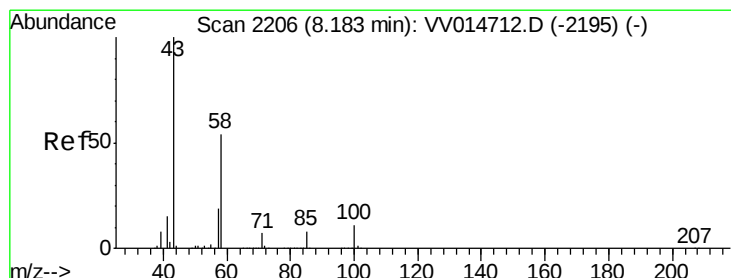
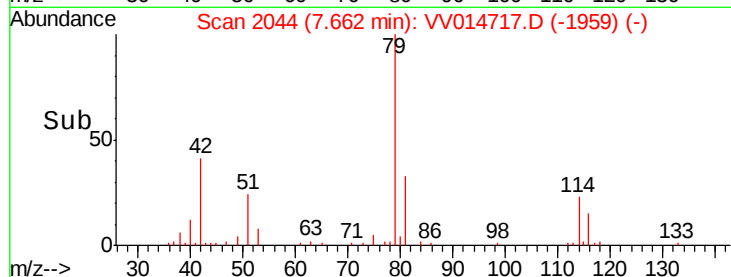
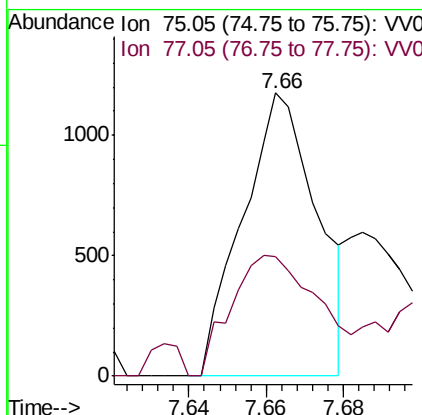
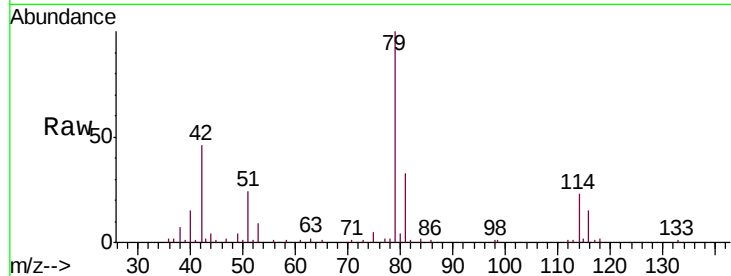




#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014717.D
Acq: 28 Feb 2020 19:19

Instrument :
MSVOA_V
ClientSampleId :
C0XW6

Tgt Ion: 75 Resp: 1567
Ion Ratio Lower Upper
75 100
77 42.5 22.5 41.9#



#48
2-Hexanone
Concen: 2.546 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014717.D
Acq: 28 Feb 2020 19:19

Tgt Ion: 43 Resp: 21976
Ion Ratio Lower Upper
43 100
58 50.3 43.1 64.7
57 25.4 14.6 21.8#
100 0.0 9.0 13.4#

