

Data File : VV014447.D
Acq On : 31 Jan 2020 11:40
Operator : SY/MD
Sample : L1322-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XS6

Quant Time: Jan 31 23:12:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 23:09:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207957	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	192775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	89950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66257	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.59	69	40998	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	60309	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.92	46	123839	51.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.16%
24) Chloroform-d	4.40	84	109723	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	55069	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	254372	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.11	67	78034	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.35	98	231706	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	30642	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.15	63	110808	44.51	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51895	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	76644	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	2920	0.226 ug/L	96
6) Bromomethane	1.54	94	457	0.106 ug/L	92
8) Chloroethane	1.60	64	1009	0.156 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1105	0.121 ug/L #	49
12) 1,1-Dichloroethene	2.14	96	1054	0.126 ug/L #	1
13) Acetone	2.19	43	38818	26.196 ug/L	88
14) Carbon disulfide	2.32	76	2742	0.064 ug/L	97
15) Methyl Acetate	2.19	43	32182	8.452 ug/L #	52
16) Methylene chloride	2.54	84	2970	0.183 ug/L	96
21) 2-Butanone	4.02	43	17864	6.591 ug/L	84
25) Chloroform	4.42	83	9785	0.369 ug/L	98
27) 1,2-Dichloroethane	5.18	62	853	0.060 ug/L #	72
35) Methylcyclohexane	6.11	83	17886	0.656 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8225	0.553 ug/L #	87
38) Bromodichloromethane	6.56	83	864	0.047 ug/L #	94
44) trans-1,3-Dichloropropene	7.66	75	1343	0.079 ug/L #	61
48) 2-Hexanone	8.20	43	9669	1.701 ug/L #	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV013120\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Jan 31 23:09:59 2020
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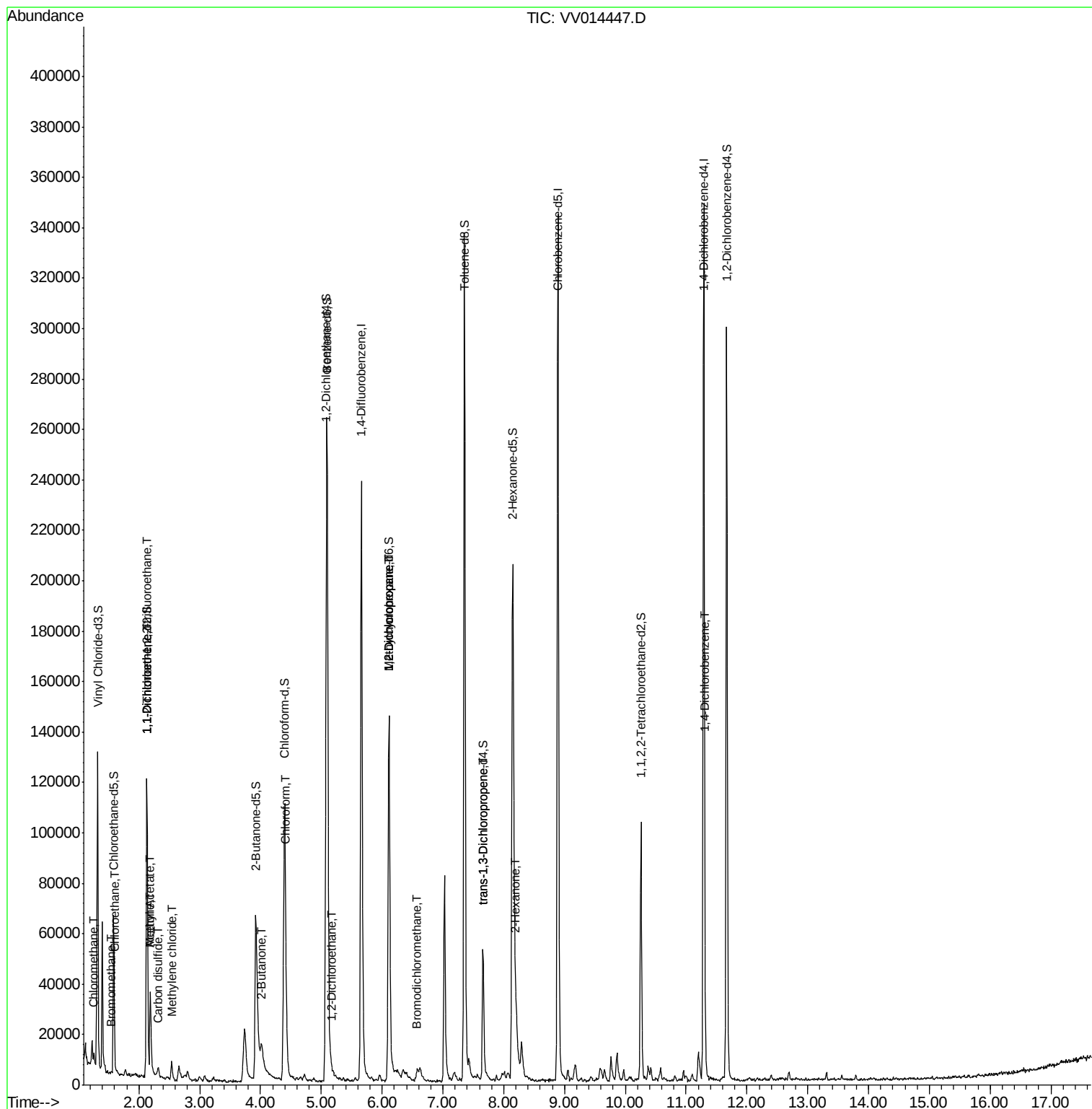
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.31	146	1846	0.063	ug/L #	91

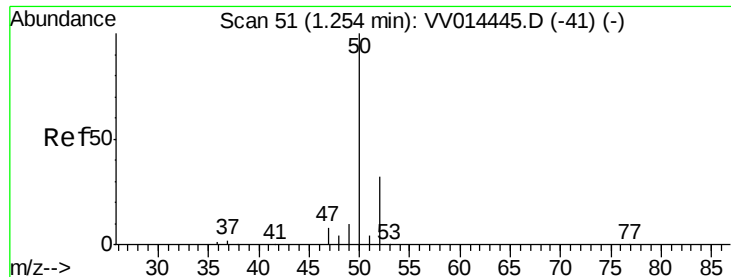
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.226 ug/L

RT: 1.26 min Scan# 53

Delta R.T. 0.01 min

Lab File: VV014447.D

Acq: 31 Jan 2020 11:40

Instrument :

MSVOA_V

ClientSampled :

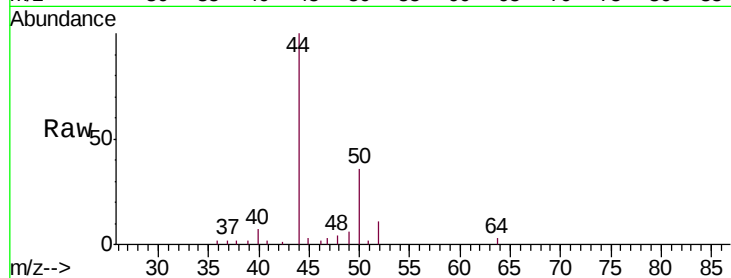
C0XS6

Tgt Ion: 50 Resp: 2920

Ion Ratio Lower Upper

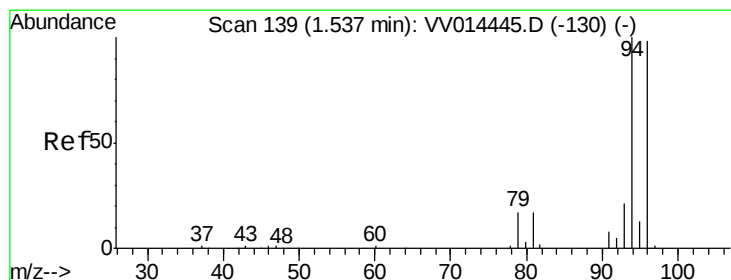
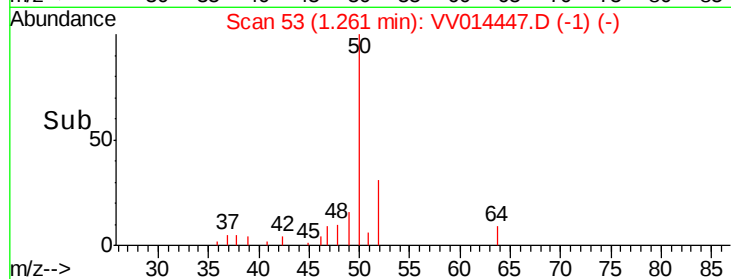
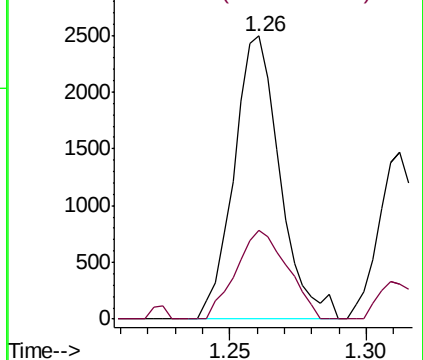
50 100

52 31.3 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.106 ug/L

RT: 1.54 min Scan# 141

Delta R.T. 0.01 min

Lab File: VV014447.D

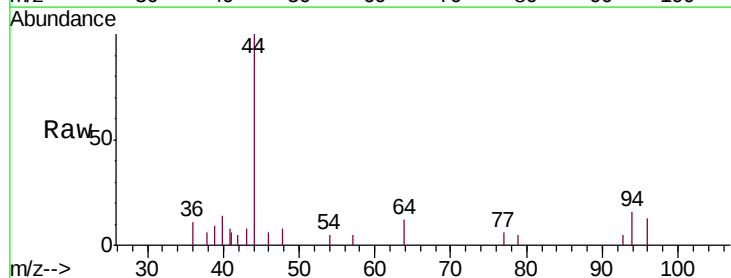
Acq: 31 Jan 2020 11:40

Tgt Ion: 94 Resp: 457

Ion Ratio Lower Upper

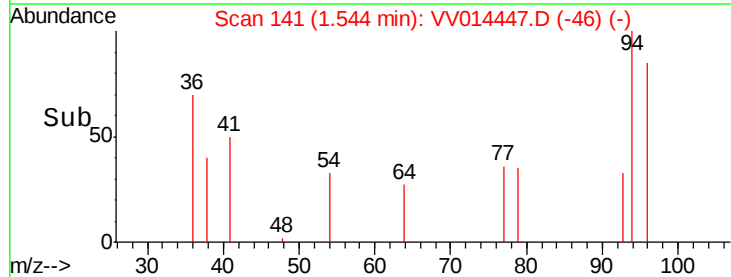
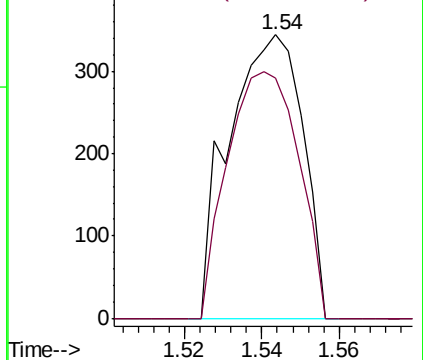
94 100

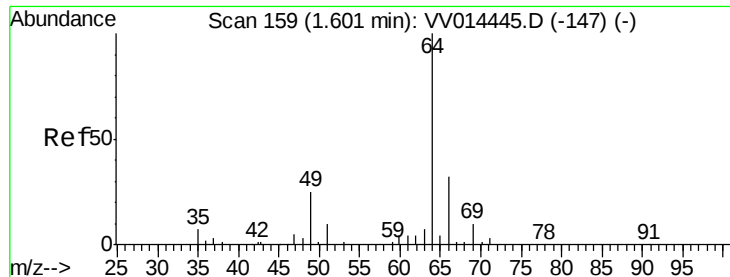
96 84.9 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.156 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VV014447.D

Acq: 31 Jan 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

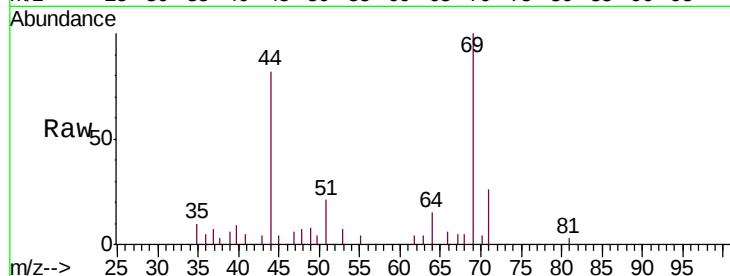
C0XS6

Tgt Ion: 64 Resp: 1009

Ion Ratio Lower Upper

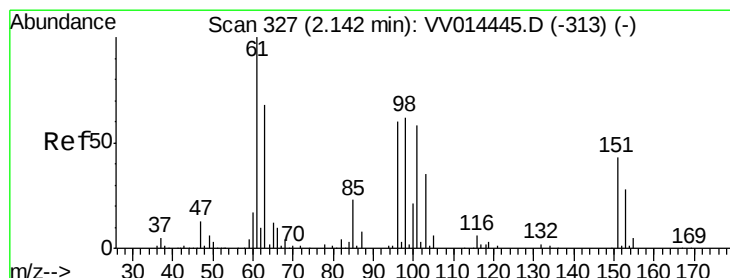
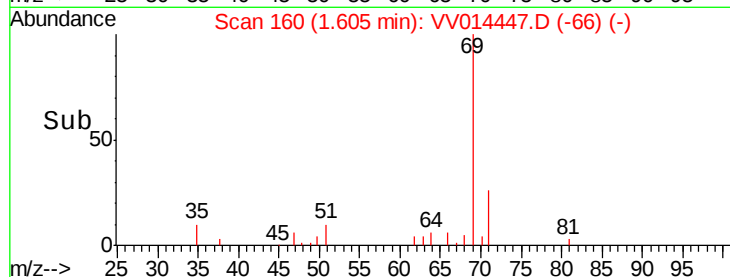
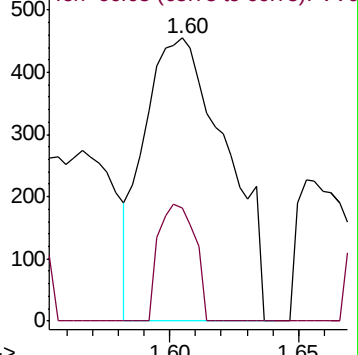
64 100

66 40.0 21.7 40.3



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#10

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

Concen: 0.121 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014447.D

Acq: 31 Jan 2020 11:40

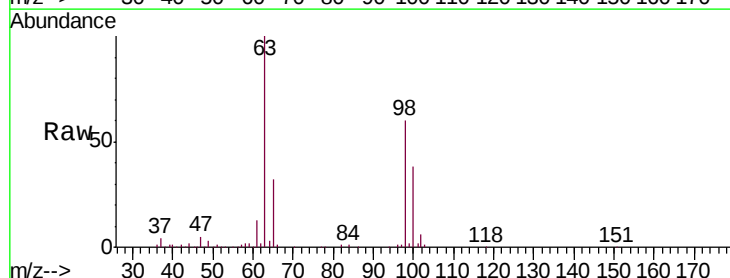
Tgt Ion: 101 Resp: 1105

Ion Ratio Lower Upper

101 100

85 9.5 33.2 49.8#

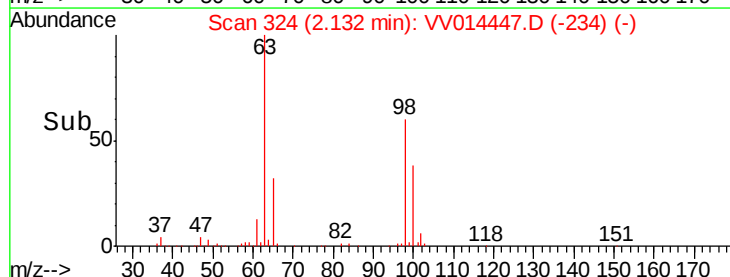
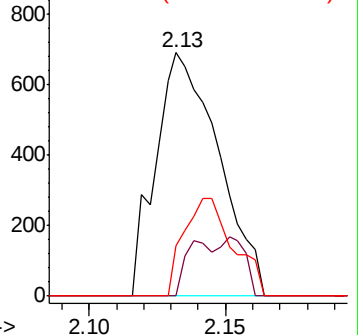
151 31.1 59.6 89.4#

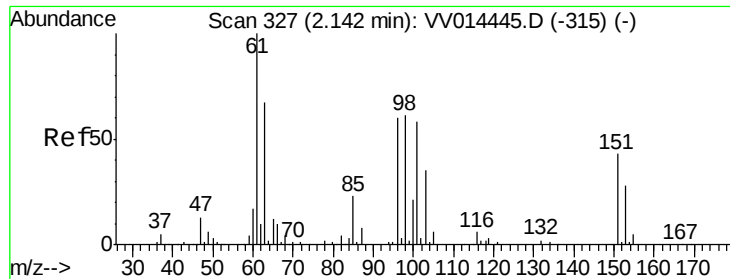


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

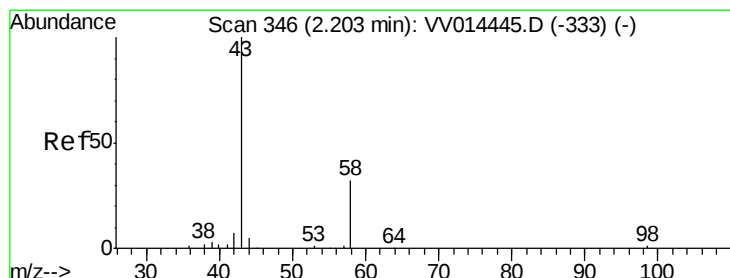
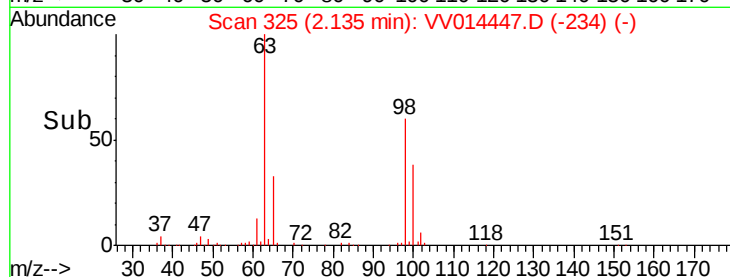
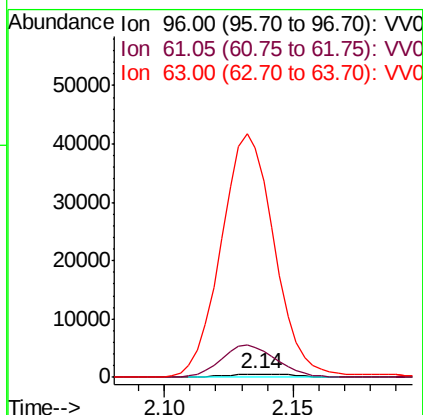
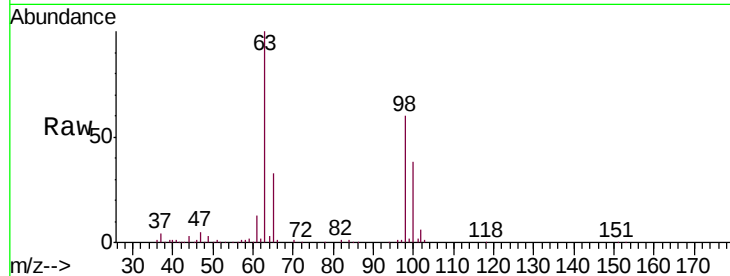




#12
 1,1-Dichloroethene
 Concen: 0.126 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV014447.D
 Acq: 31 Jan 2020 11:40

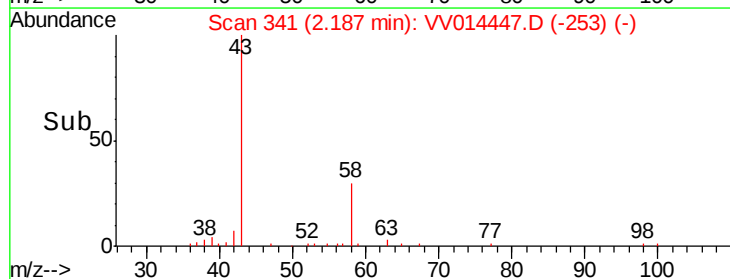
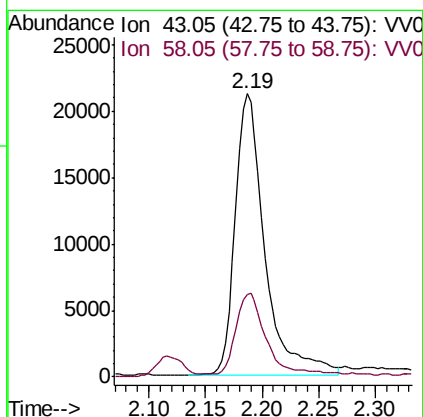
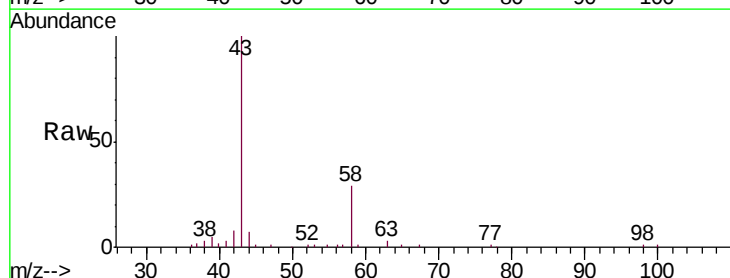
Instrument :
 MSVOA_V
 ClientSampled :
 C0XS6

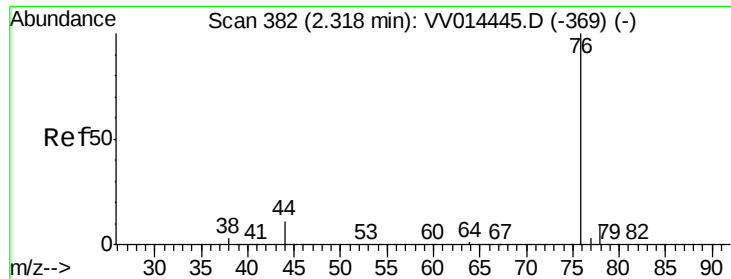
Tgt Ion: 96 Resp: 1054
 Ion Ratio Lower Upper
 96 100
 61 871.9 120.0 223.0#
 63 6693.0 82.4 153.0#



#13
 Acetone
 Concen: 26.196 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV014447.D
 Acq: 31 Jan 2020 11:40

Tgt Ion: 43 Resp: 38818
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 47.0





#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014447.D

Acq: 31 Jan 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

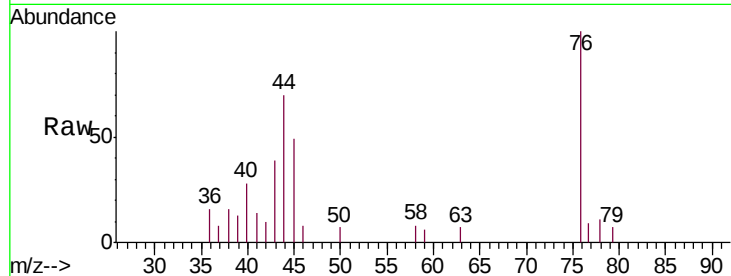
C0XS6

Tgt Ion: 76 Resp: 2742

Ion Ratio Lower Upper

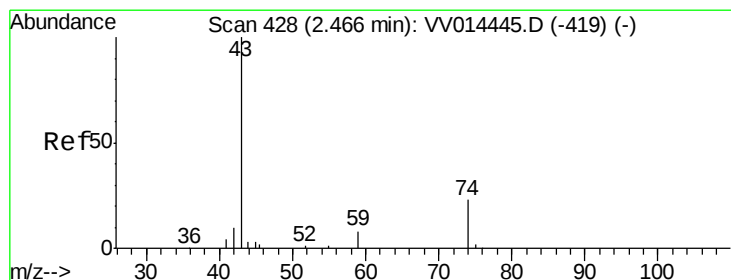
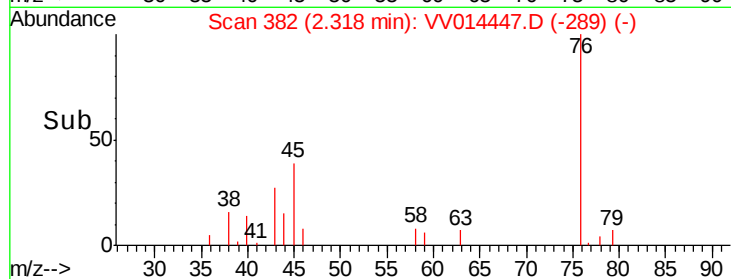
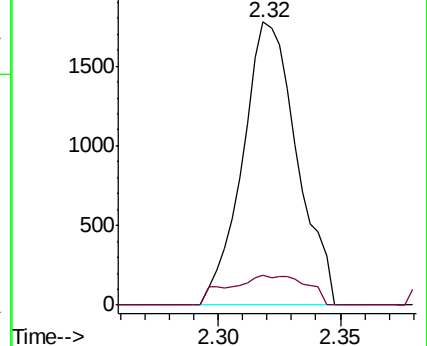
76 100

78 10.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 8.452 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.28 min

Lab File: VV014447.D

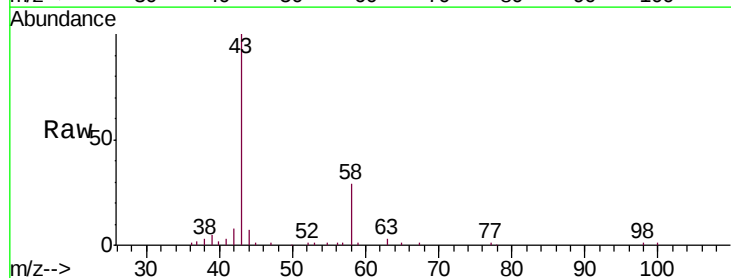
Acq: 31 Jan 2020 11:40

Tgt Ion: 43 Resp: 32182

Ion Ratio Lower Upper

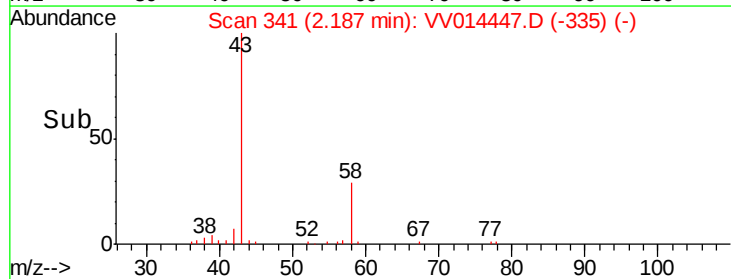
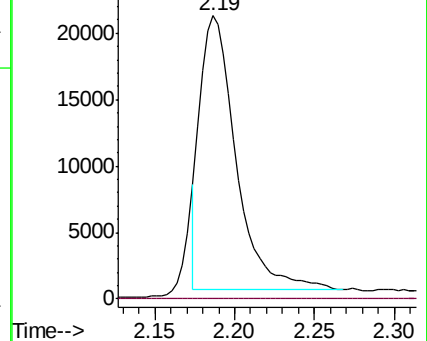
43 100

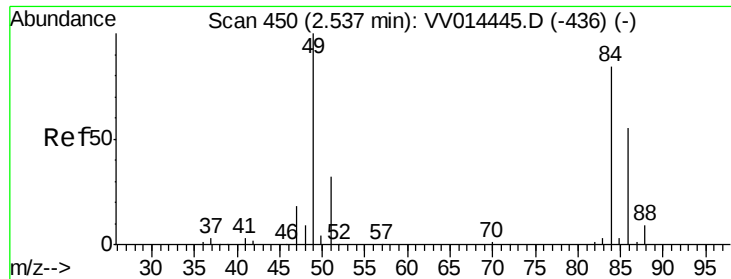
74 0.1 18.8 28.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

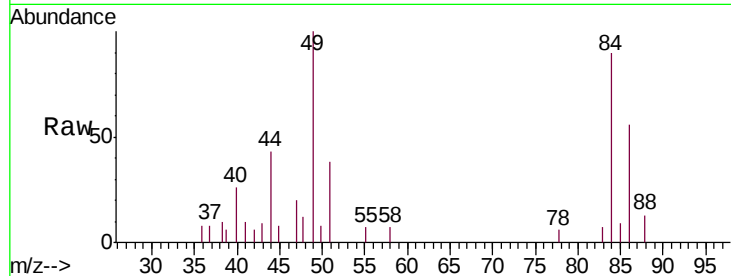




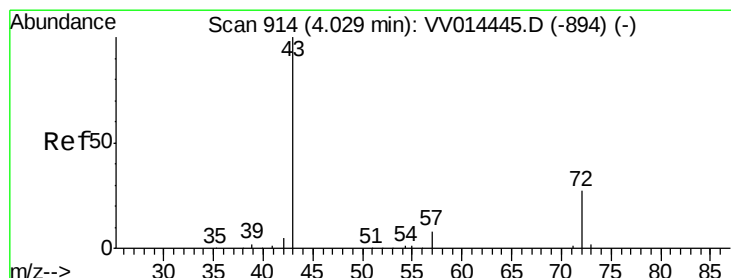
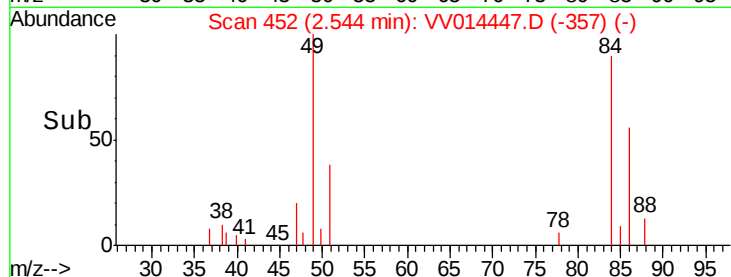
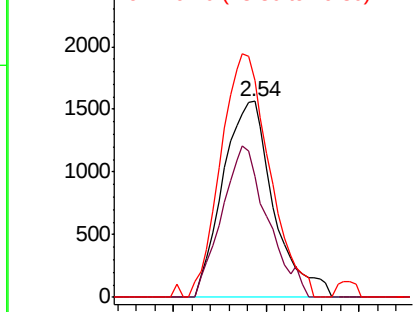
#16
Methylene chloride
Concen: 0.183 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.01 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Instrument :
MSVOA_V
ClientSampleId :
C0XS6

Tgt Ion: 84 Resp: 2970
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 119.2 86.1 159.9

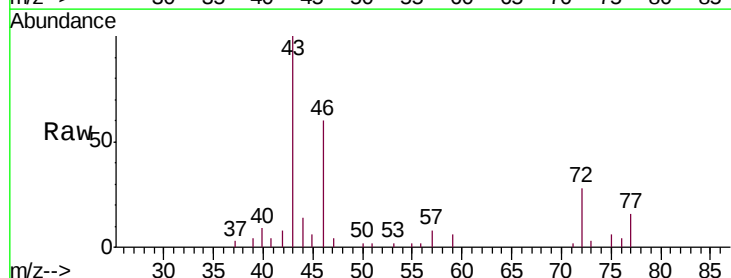


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

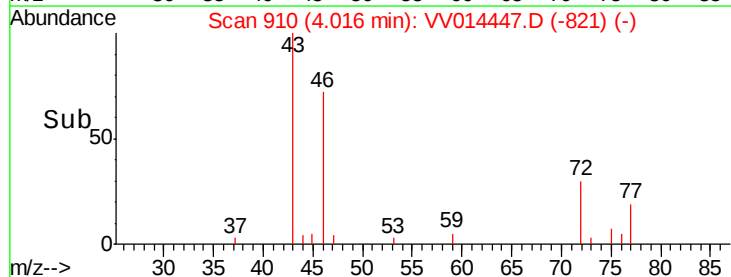
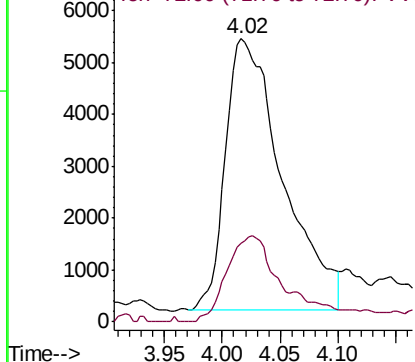


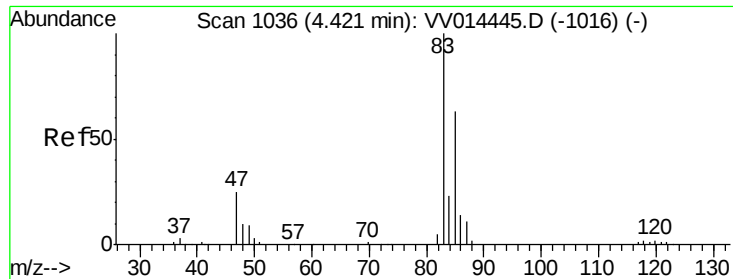
#21
2-Butanone
Concen: 6.591 ug/L
RT: 4.02 min Scan# 910
Delta R.T. -0.01 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Tgt Ion: 43 Resp: 17864
Ion Ratio Lower Upper
43 100
72 25.7 9.2 27.6



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

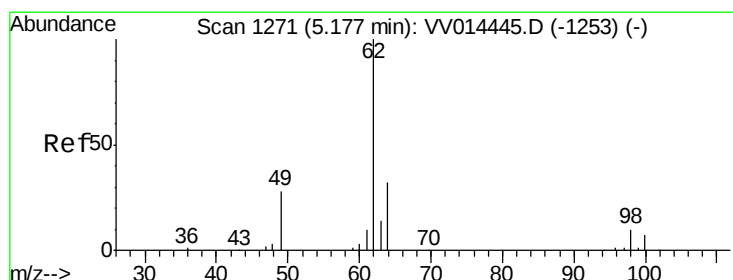
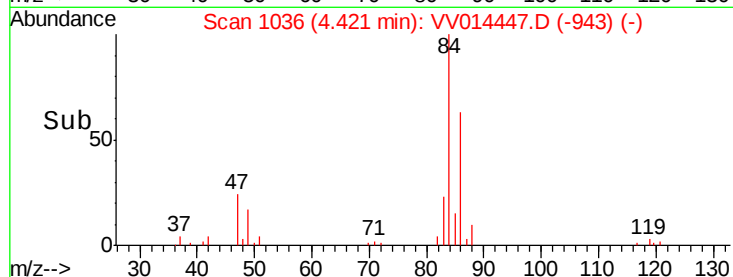
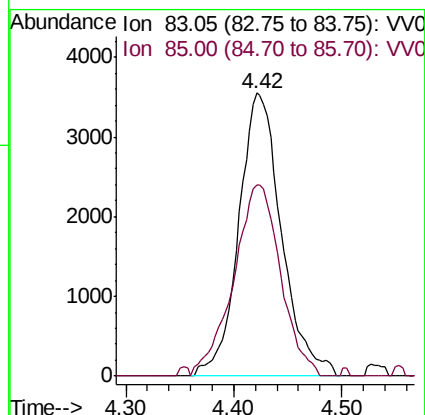
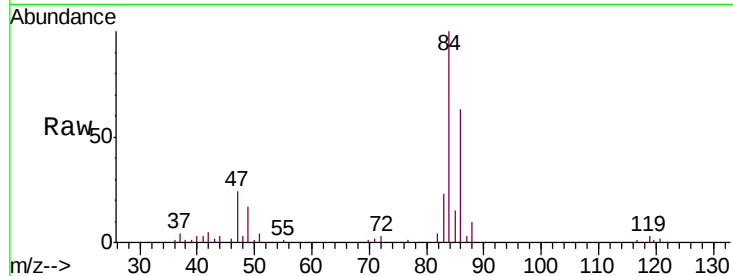




#25
Chloroform
Concen: 0.369 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

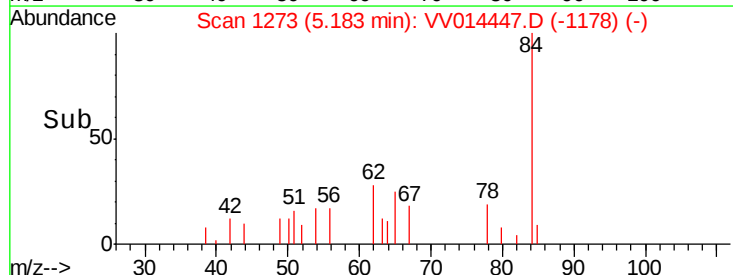
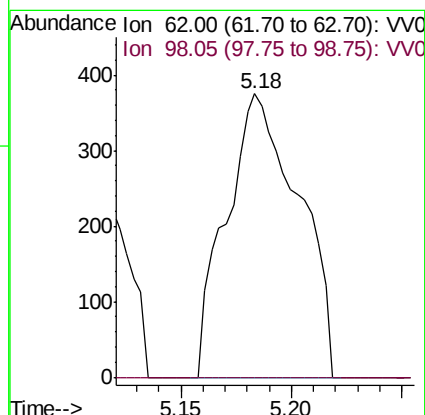
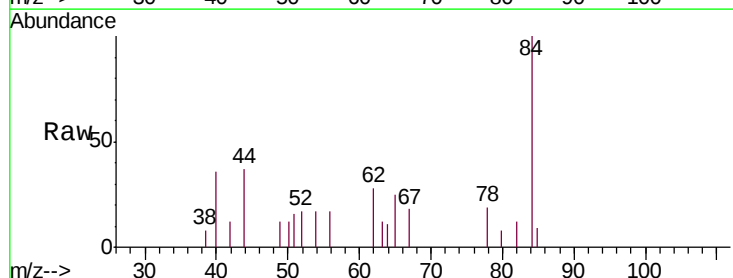
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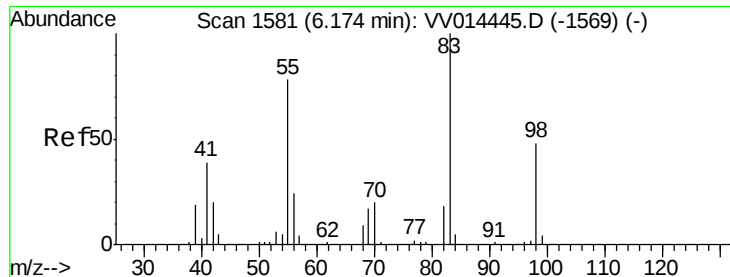
Tgt Ion: 83 Resp: 9785
Ion Ratio Lower Upper
83 100
85 67.4 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Tgt Ion: 62 Resp: 853
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#

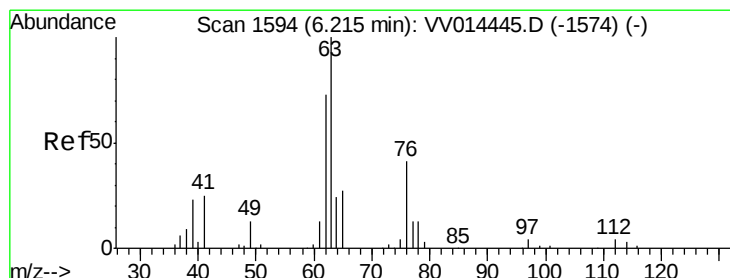
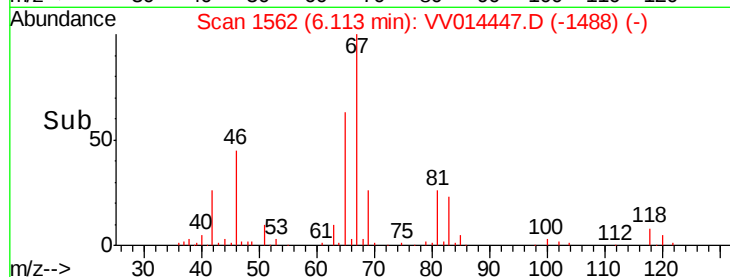
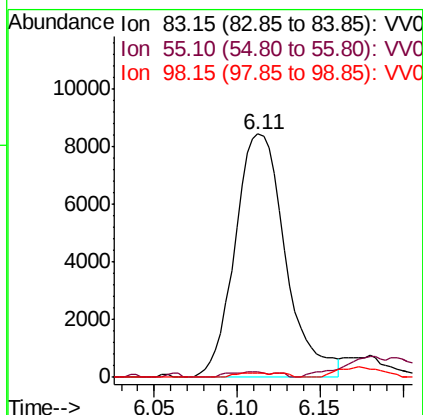
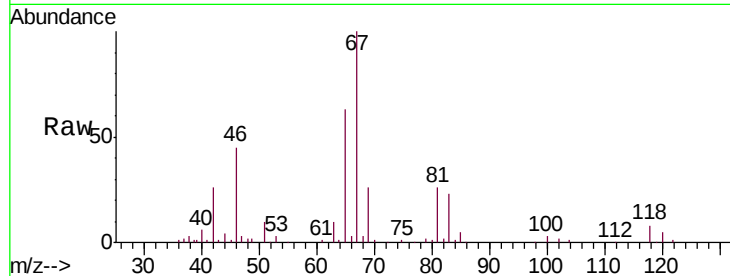




#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

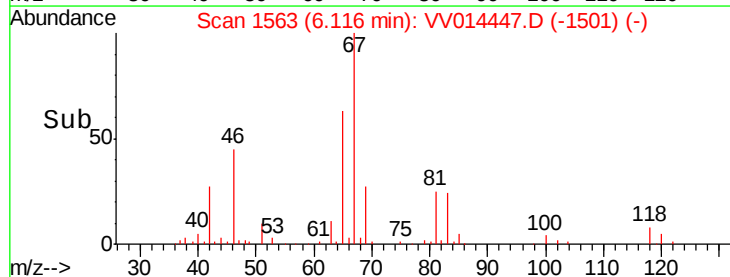
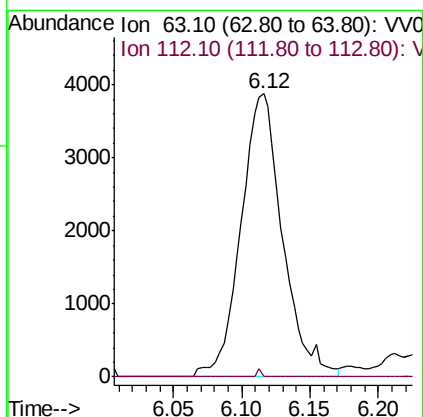
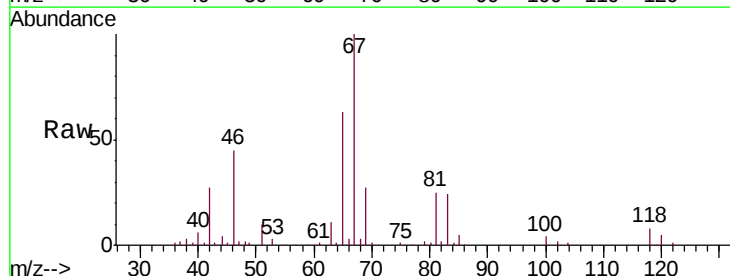
Instrument :
MSVOA_V
ClientSampled :
C0XS6

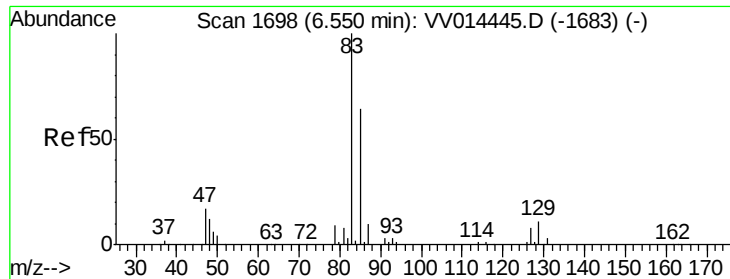
Tgt Ion: 83 Resp: 17886
Ion Ratio Lower Upper
83 100
55 1.7 61.3 91.9#
98 1.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Tgt Ion: 63 Resp: 8225
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#





#38

Bromodichloromethane

Concen: 0.047 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV014447.D

Acq: 31 Jan 2020 11:40

Instrument :

MSVOA_V

ClientSampled :

C0XS6

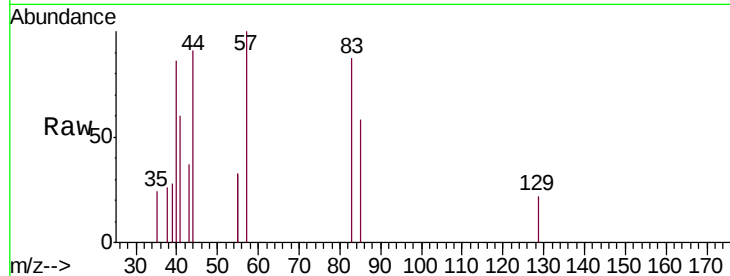
Tgt Ion: 83 Resp: 864

Ion Ratio Lower Upper

83 100

85 66.7 44.5 82.7

127 0.0 6.6 10.0#

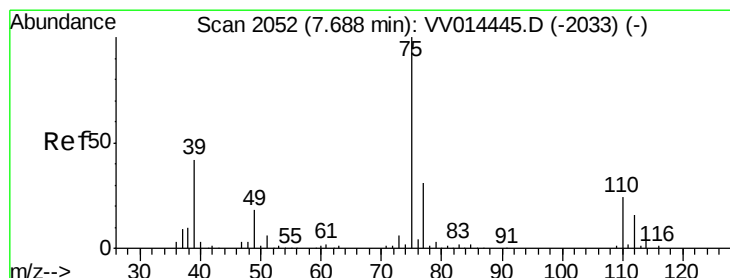
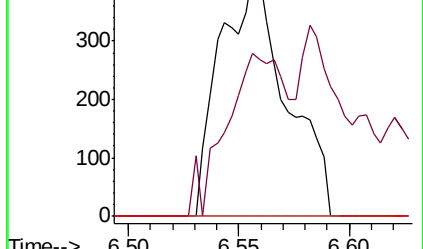
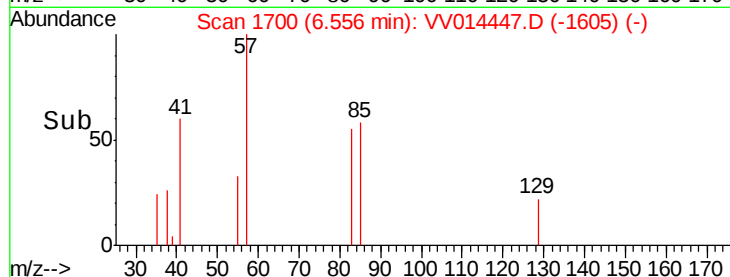


Abundance Ion 82.95 (82.65 to 83.65): VV014447.D (-1683) (-)

Ion 85.00 (84.70 to 85.70): VV014447.D (-1683) (-)

Ion 126.90 (126.60 to 127.60): VV014447.D (-1683) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014447.D

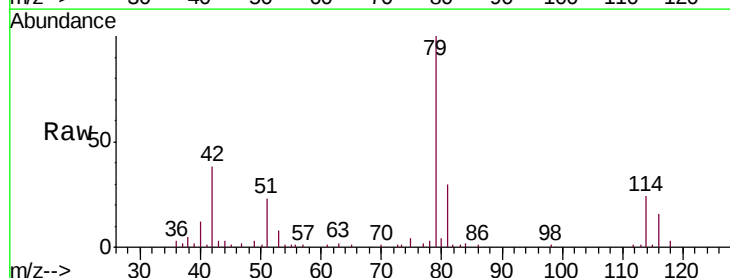
Acq: 31 Jan 2020 11:40

Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

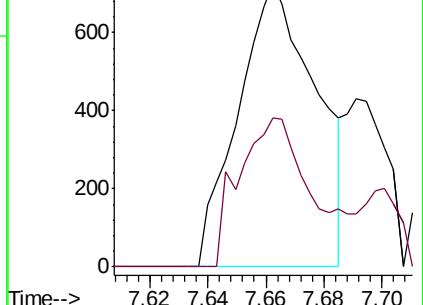
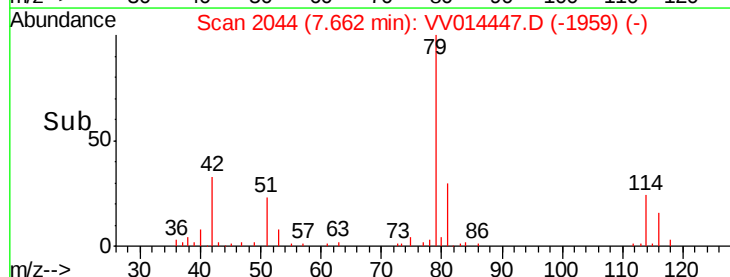
77 52.8 22.0 41.0#

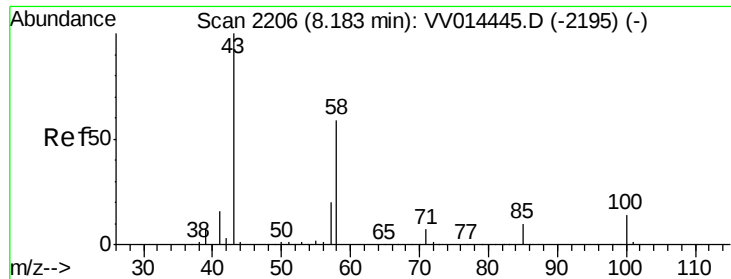


Abundance Ion 75.05 (74.75 to 75.75): VV014447.D (-2033) (-)

Ion 77.05 (76.75 to 77.75): VV014447.D (-2033) (-)

Time-->

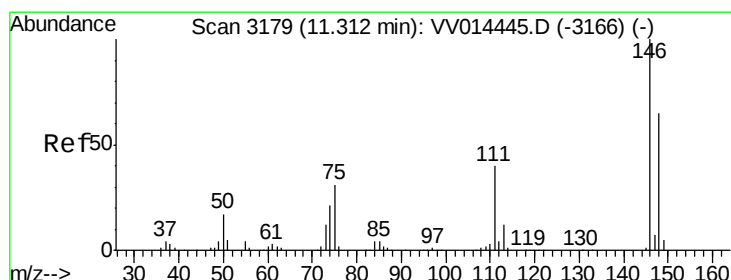
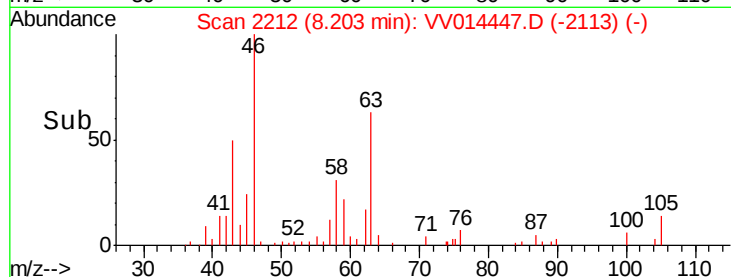
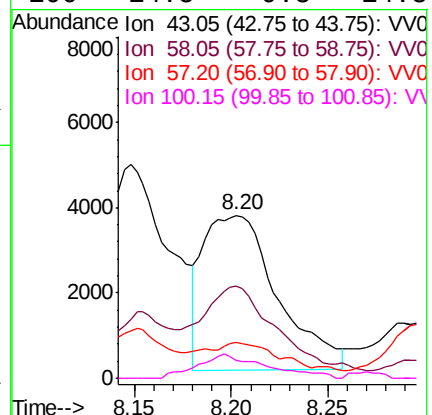
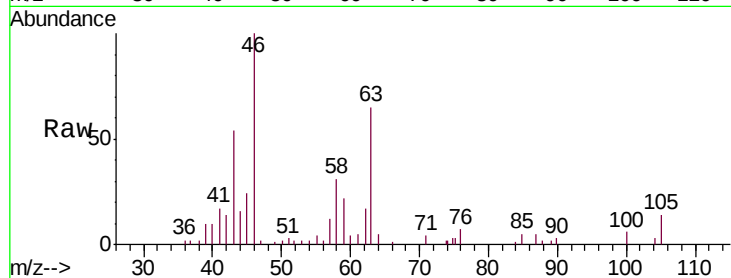




#48
2-Hexanone
Concen: 1.701 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.02 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Instrument :
MSVOA_V
ClientSampleId :
C0XS6

Tgt Ion: 43 Resp: 9669
Ion Ratio Lower Upper
43 100
58 65.4 45.8 68.6
57 12.2 15.4 23.0#
100 14.5 9.8 14.8



#63
1,4-Dichlorobenzene
Concen: 0.063 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014447.D
Acq: 31 Jan 2020 11:40

Tgt Ion: 146 Resp: 1846
Ion Ratio Lower Upper
146 100
111 51.9 27.9 51.7#
148 65.4 44.3 82.3

