

Data File : VV010485.D
Acq On : 25 Apr 2019 01:42
Operator : SY/MD
Sample : K2477-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC7

Quant Time: Apr 25 04:08:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229908	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105214	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60703	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	49537	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	91945	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.95	46	147238	51.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	4.40	84	133138	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	70890	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	275932	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	81544	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	245261	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	25660	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	110859	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59512	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	99224	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

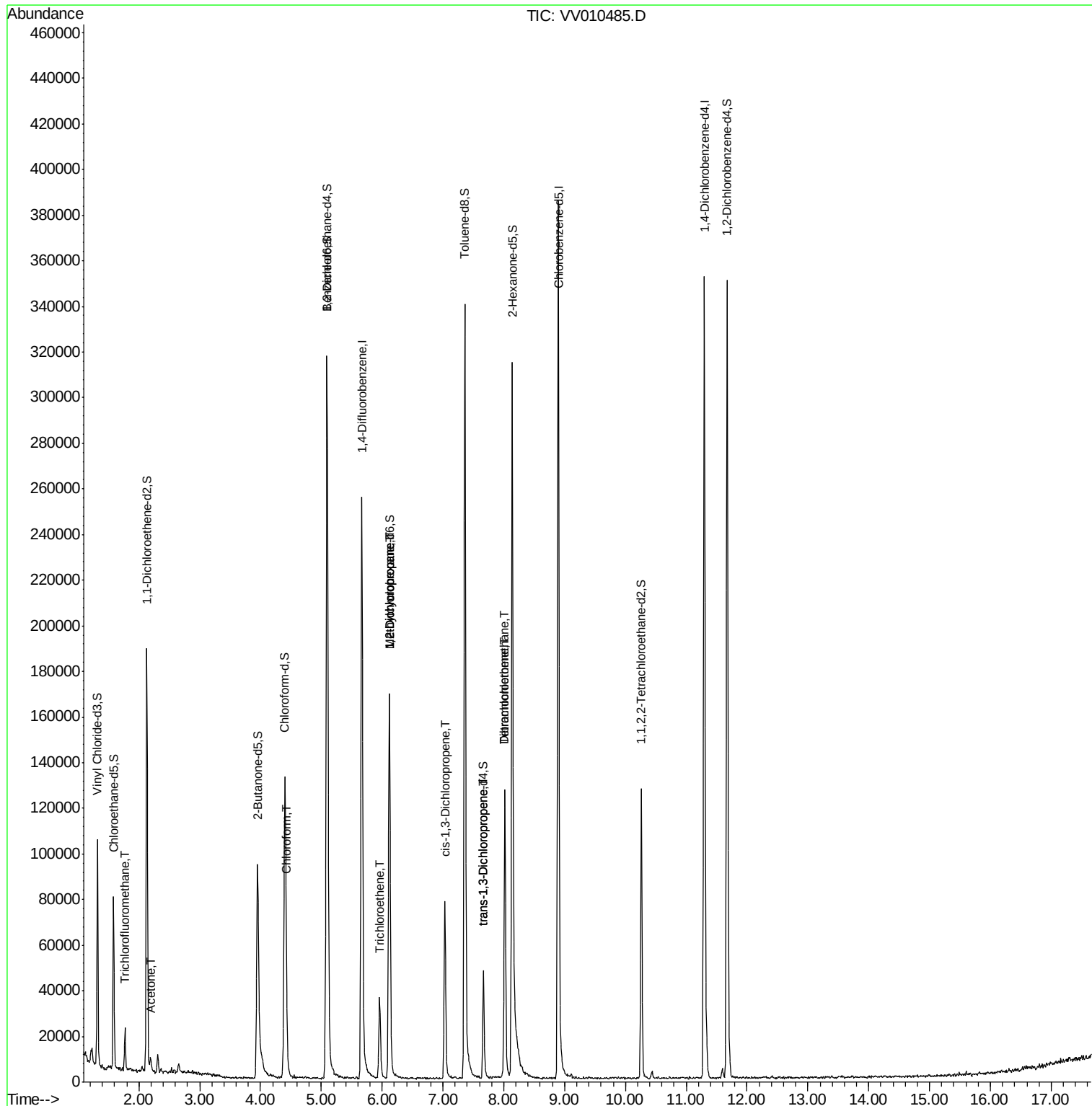
						Qvalue
9) Trichlorofluoromethane	1.77	101	8734	0.301	ug/L	92
13) Acetone	2.19	43	3718	2.175	ug/L	90
25) Chloroform	4.43	83	10314	0.363	ug/L	76
34) Trichloroethene	5.96	95	12448	0.718	ug/L	90
35) Methylcyclohexane	6.12	83	21447	0.825	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8837	0.606	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2601	0.120	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1383	0.083	ug/L #	59
47) Tetrachloroethene	8.02	164	29098	1.881	ug/L	97
49) Dibromochloromethane	8.02	129	26305	1.908	ug/L #	9

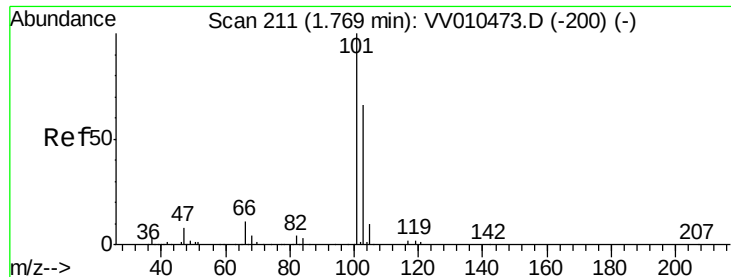
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.301 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

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Acq: 25 Apr 2019 01:42

Instrument :

MSVOA_V

ClientSampleId :

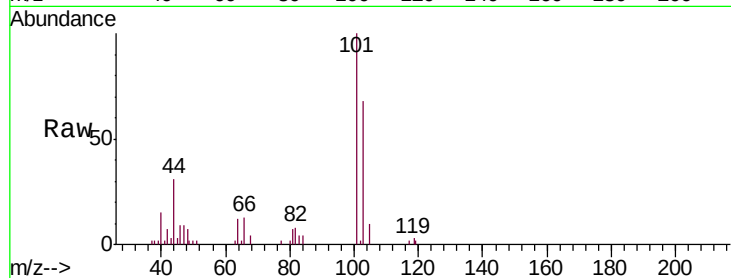
C0XC7

Tgt Ion:101 Resp: 8734

Ion Ratio Lower Upper

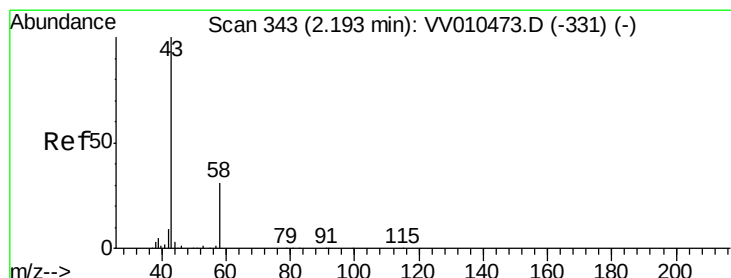
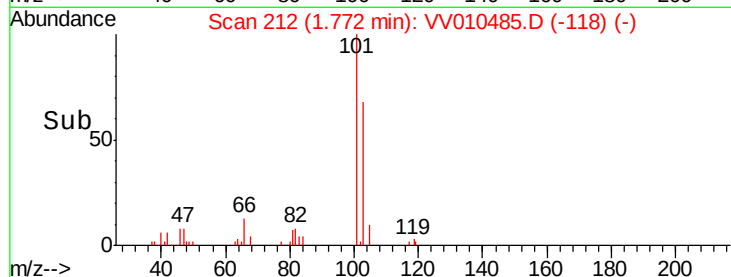
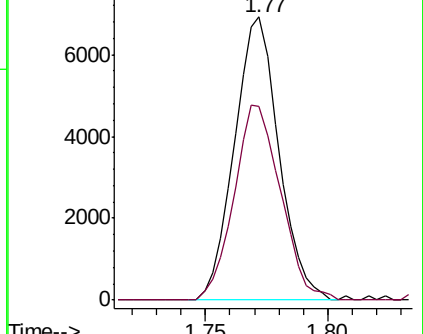
101 100

103 72.2 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.175 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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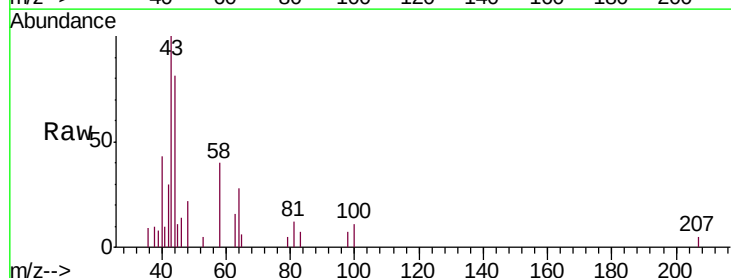
Acq: 25 Apr 2019 01:42

Tgt Ion: 43 Resp: 3718

Ion Ratio Lower Upper

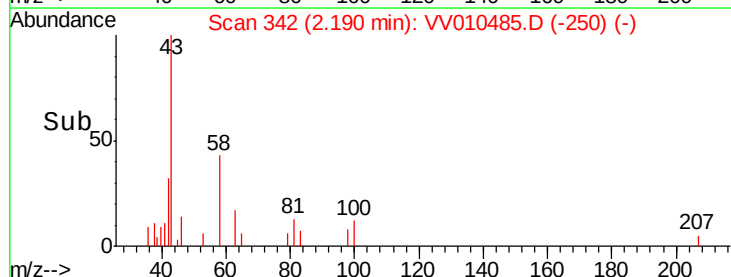
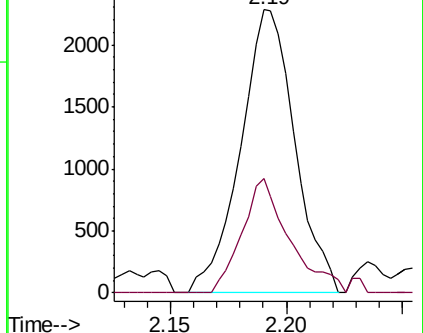
43 100

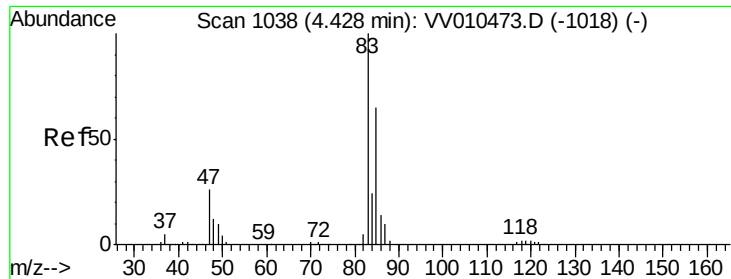
58 35.1 0.0 59.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#25

Chloroform

Concen: 0.363 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

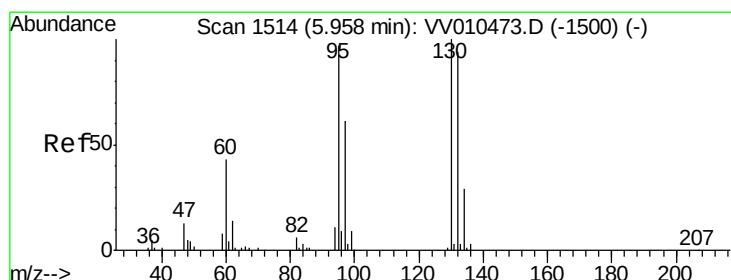
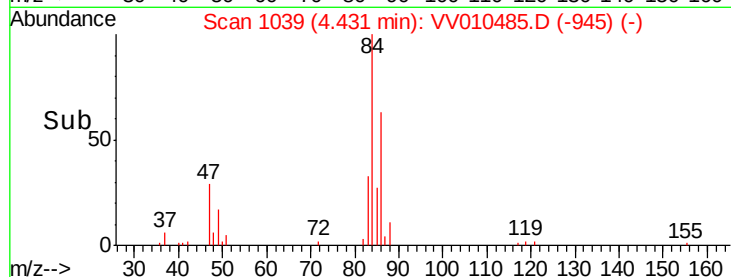
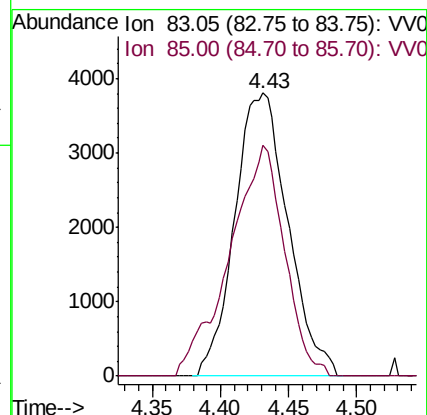
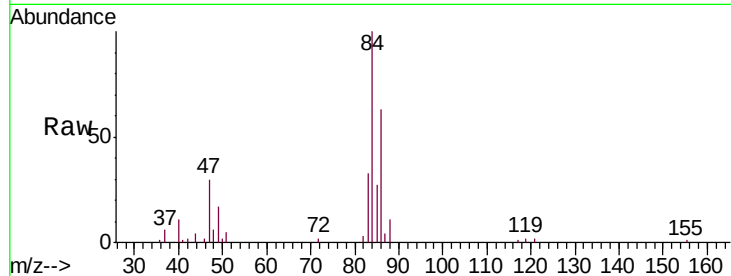
C0XC7

Tgt Ion: 83 Resp: 10314

Ion Ratio Lower Upper

83 100

85 81.6 44.3 82.3



#34

Trichloroethene

Concen: 0.718 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010485.D

Acq: 25 Apr 2019 01:42

Tgt Ion: 95 Resp: 12448

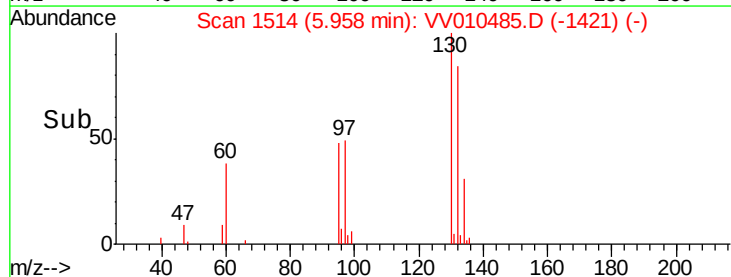
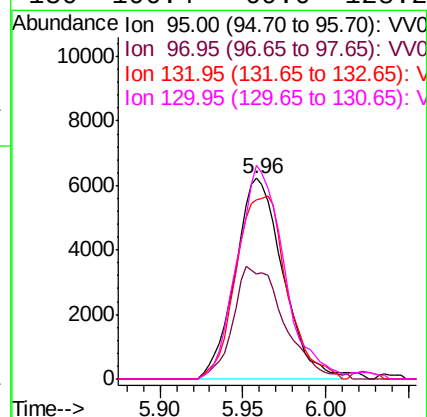
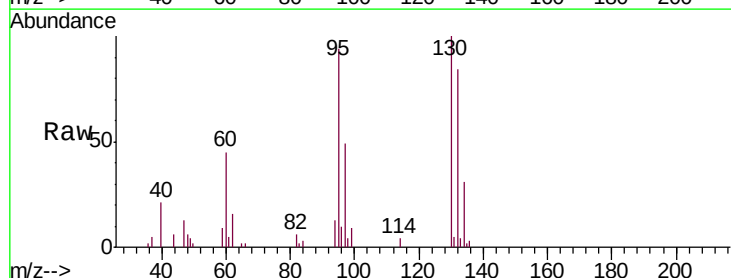
Ion Ratio Lower Upper

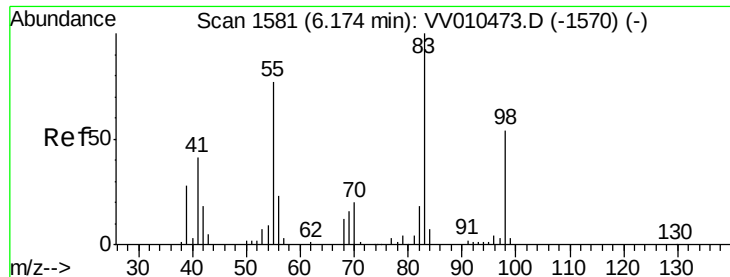
95 100

97 52.0 45.6 84.6

132 89.3 67.8 126.0

130 106.4 69.0 128.2

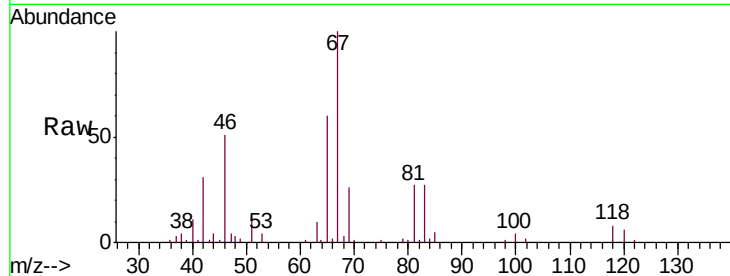




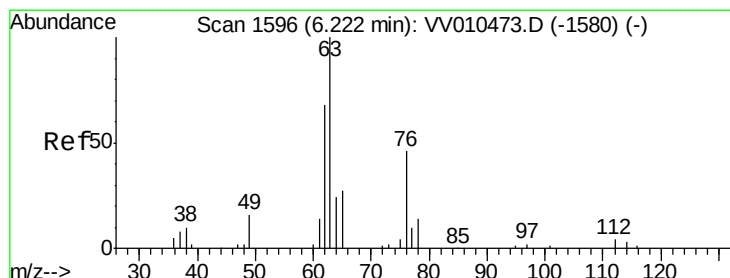
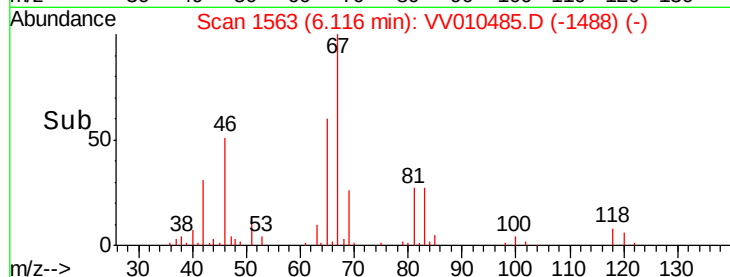
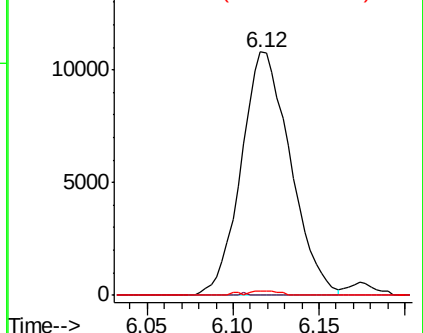
#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010485.D
Acq: 25 Apr 2019 01:42

Instrument :
MSVOA_V
ClientSampleId :
C0XC7

Tgt Ion: 83 Resp: 21447
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 1.0 38.8 58.2#

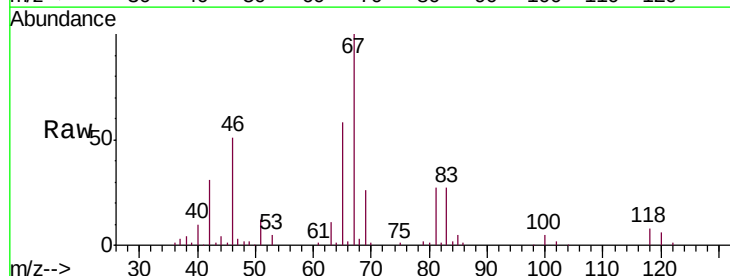


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

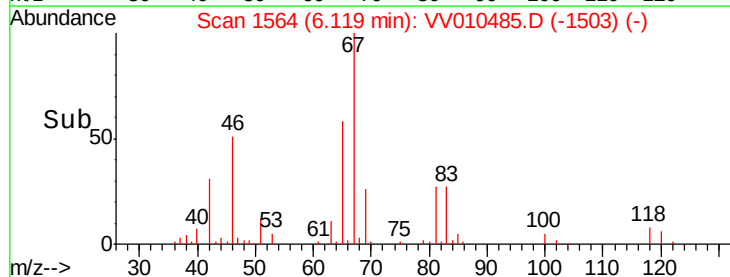
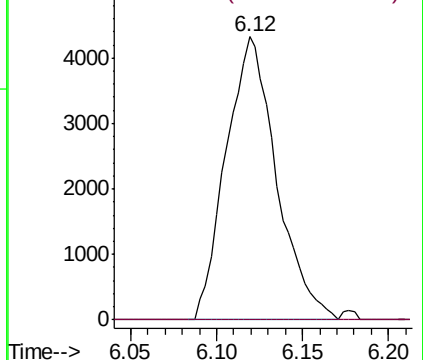


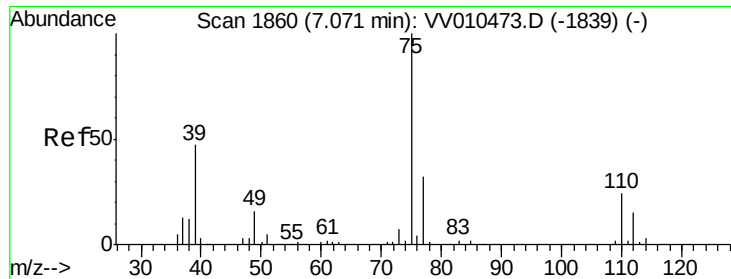
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010485.D
Acq: 25 Apr 2019 01:42

Tgt Ion: 63 Resp: 8837
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



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

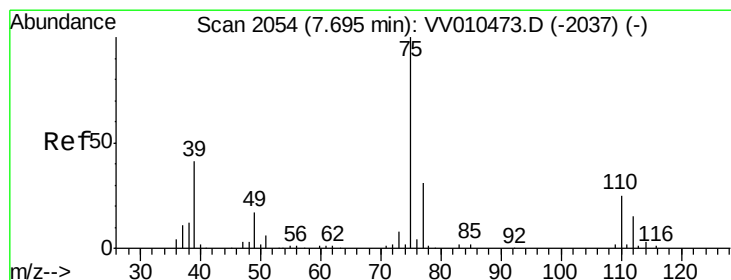
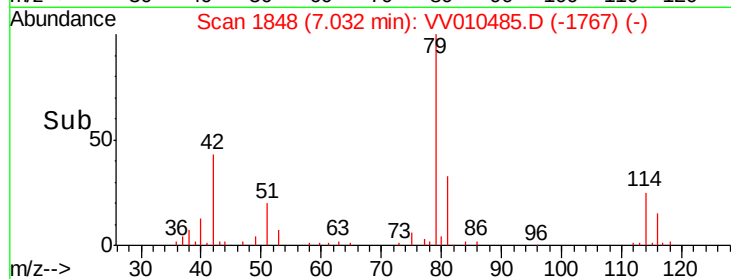
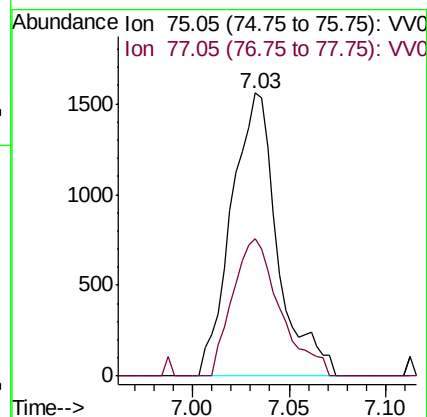
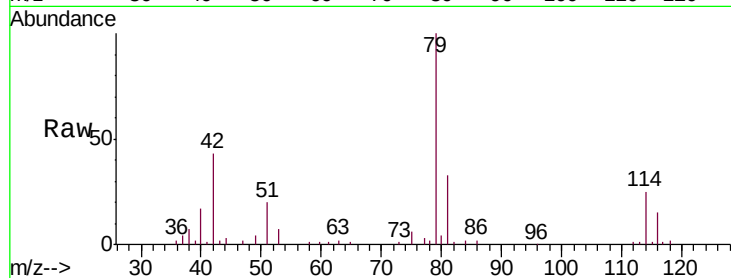




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010485.D
 Acq: 25 Apr 2019 01:42

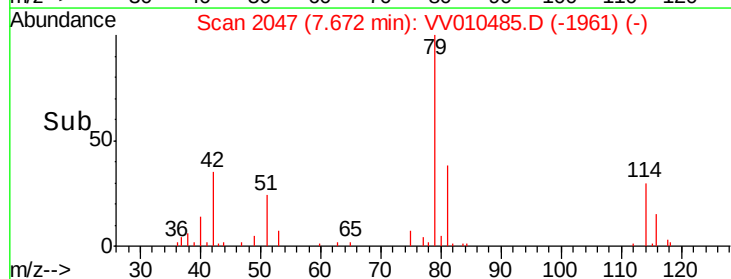
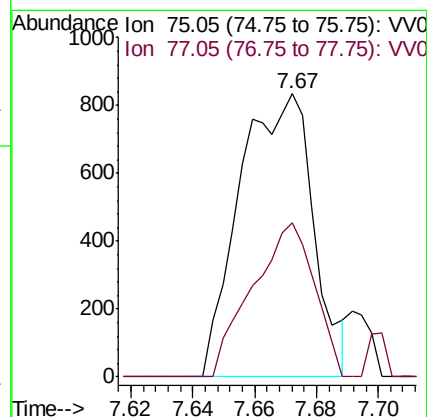
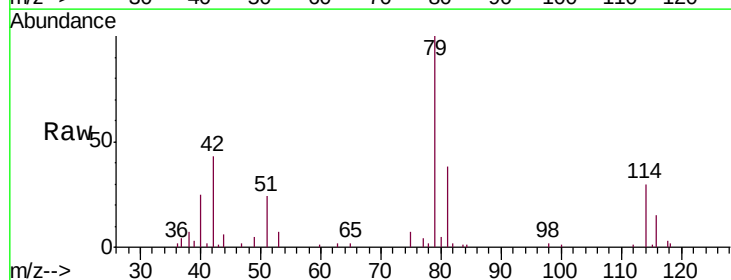
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC7

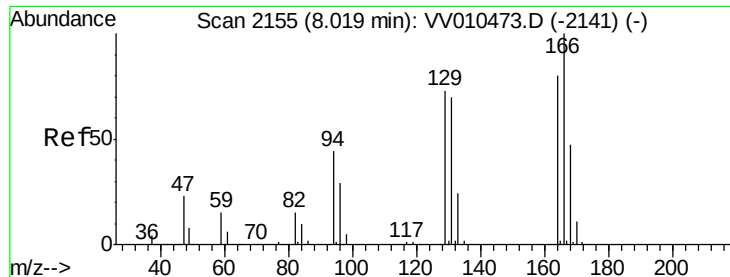
Tgt Ion: 75 Resp: 2601
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: VV010485.D
 Acq: 25 Apr 2019 01:42

Tgt Ion: 75 Resp: 1383
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.1 41.1#

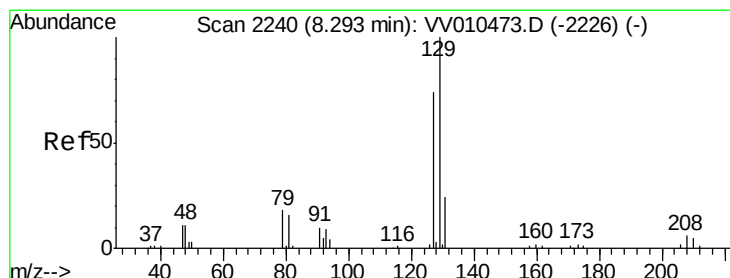
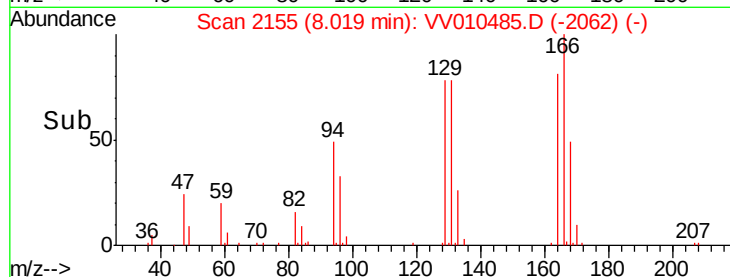
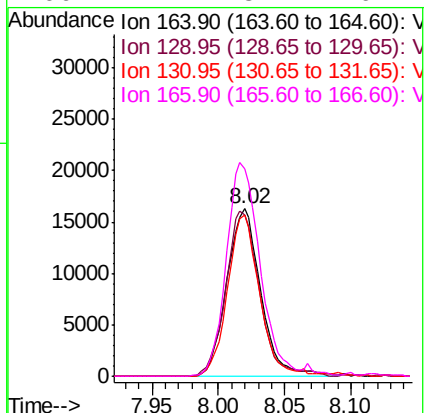
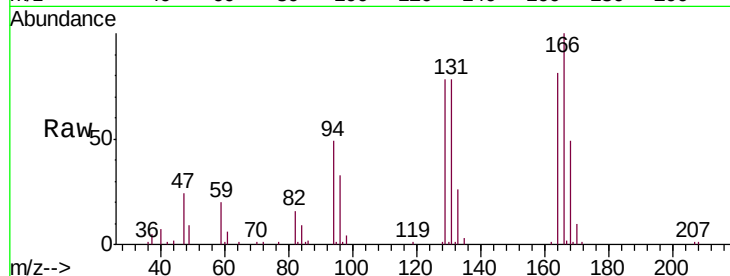




#47
Tetrachloroethene
Concen: 1.881 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010485.D
Acq: 25 Apr 2019 01:42

Instrument :
MSVOA_V
ClientSampleId :
C0XC7

Tgt Ion:164 Resp: 29098
Ion Ratio Lower Upper
164 100
129 96.3 69.7 129.4
131 96.3 63.8 118.6
166 124.1 87.4 162.2



#49
Dibromochloromethane
Concen: 1.908 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.28 min
Lab File: VV010485.D
Acq: 25 Apr 2019 01:42

Tgt Ion:129 Resp: 26305
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#

