

Data File : VV011270.D
Acq On : 07 Jun 2019 04:13
Operator : SY/MD
Sample : K3197-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P57

Quant Time: Jun 07 08:14:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160068	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	53281	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	39560	3.92	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.13	63	90402	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.98	46	135136	49.49	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.98%
24) Chloroform-d	4.40	84	99455	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	56977	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.09	84	206228	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	64064	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	183721	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	19563	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	118488	55.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45161	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63055	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

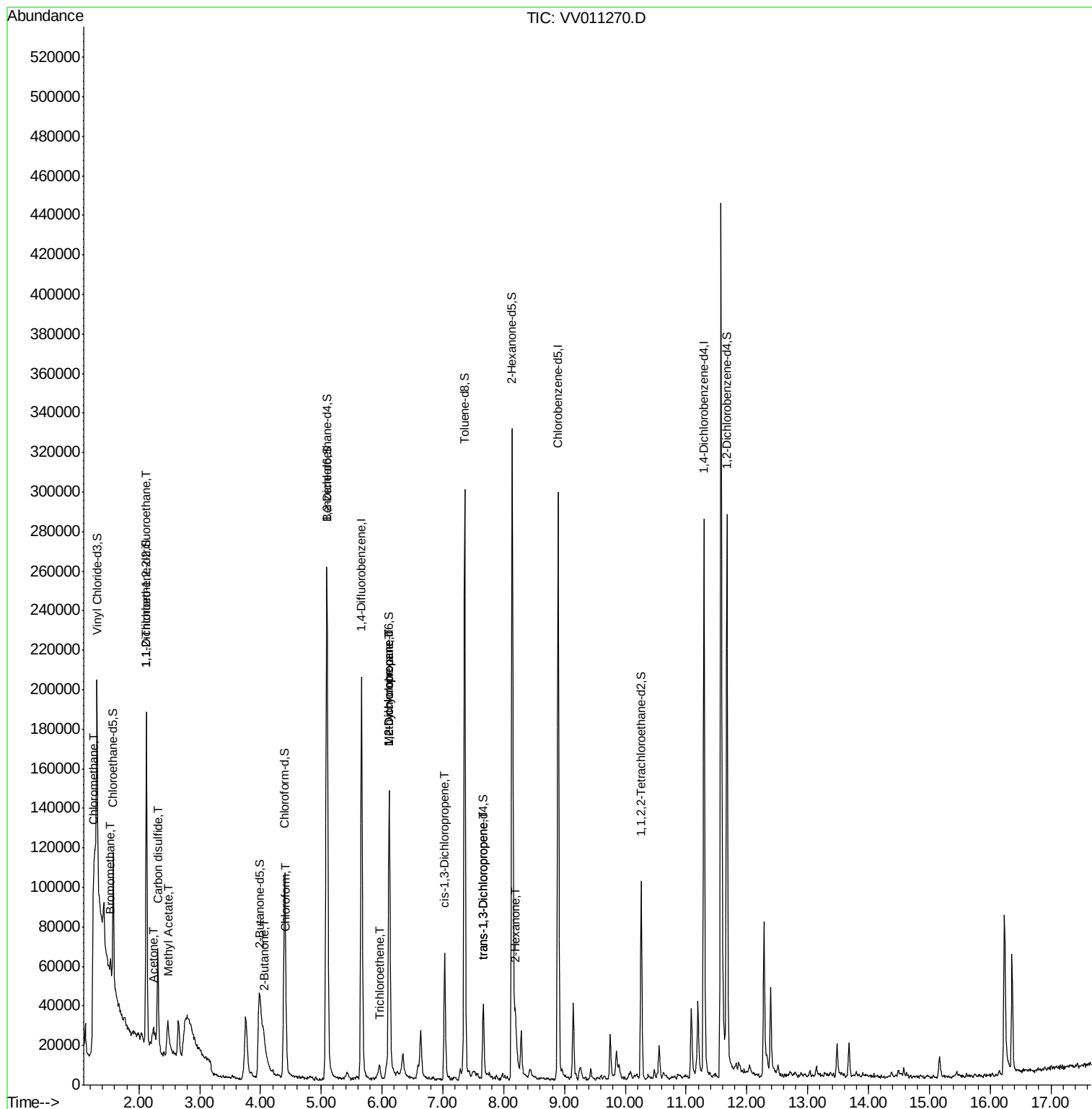
					Qvalue
3) Chloromethane	1.25	50	5370	0.352 ug/L	87
6) Bromomethane	1.53	94	2189	0.286 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	843	0.081 ug/L #	33
13) Acetone	2.24	43	16903	9.232 ug/L	85
14) Carbon disulfide	2.31	76	53433	1.747 ug/L	100
15) Methyl Acetate	2.47	43	29663	6.100 ug/L	97
21) 2-Butanone	4.07	43	3675	1.303 ug/L	82
25) Chloroform	4.43	83	3643	0.158 ug/L	100
34) Trichloroethene	5.96	95	1787	0.150 ug/L	97
35) Methylcyclohexane	6.12	83	16244	0.824 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	7216	0.628 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1813	0.108 ug/L #	74
44) trans-1,3-Dichloropropene	7.66	75	1397	0.109 ug/L #	82
48) 2-Hexanone	8.19	43	17568	3.445 ug/L #	97

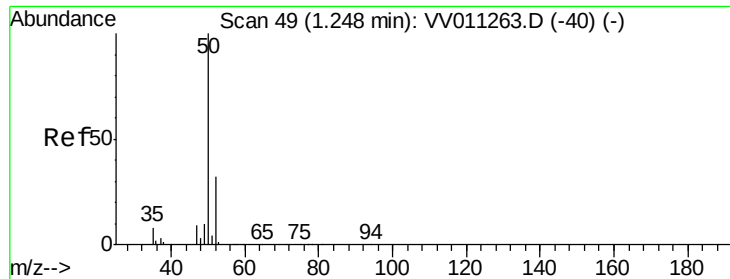
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.352 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011270.D

Acq: 07 Jun 2019 04:13

Instrument :

MSVOA_V

ClientSampleId :

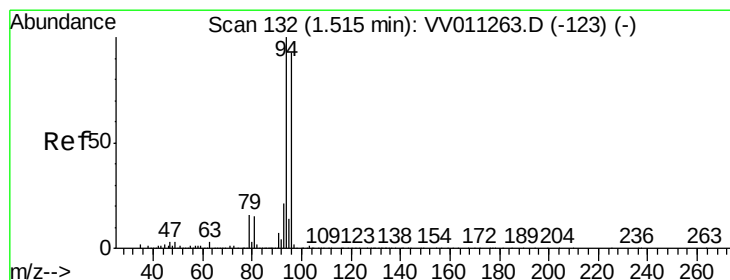
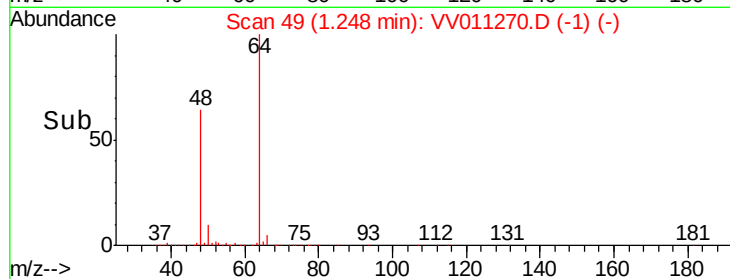
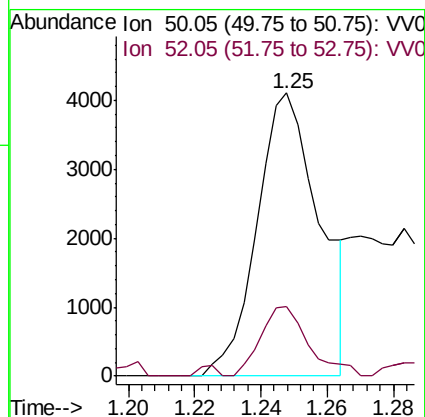
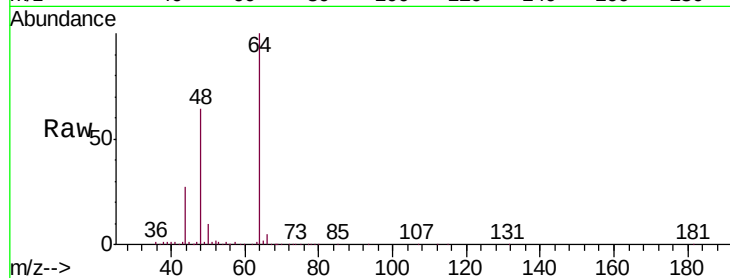
F9P57

Tgt Ion: 50 Resp: 5370

Ion Ratio Lower Upper

50 100

52 24.7 22.3 41.5



#6

Bromomethane

Concen: 0.286 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV011270.D

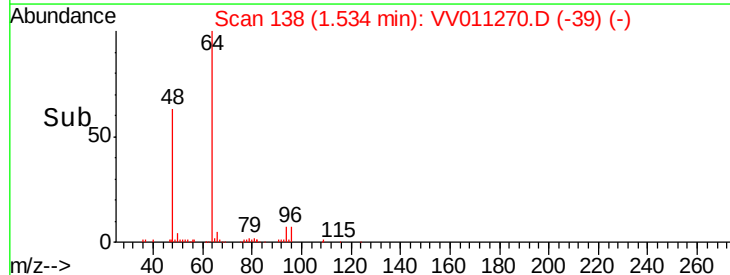
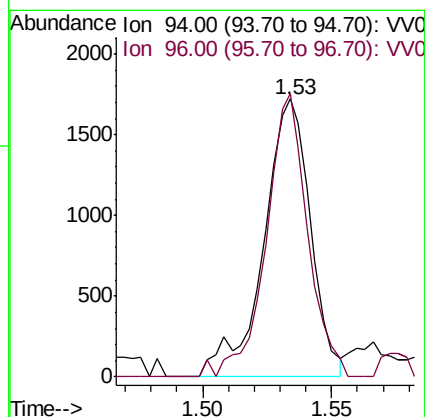
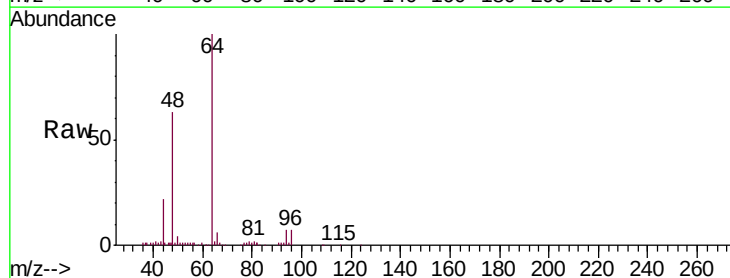
Acq: 07 Jun 2019 04:13

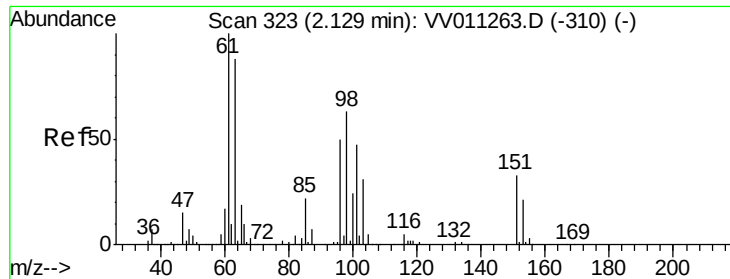
Tgt Ion: 94 Resp: 2189

Ion Ratio Lower Upper

94 100

96 88.1 67.0 124.4





#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011270.D

Acq: 07 Jun 2019 04:13

Instrument :

MSVOA_V

ClientSampleId :

F9P57

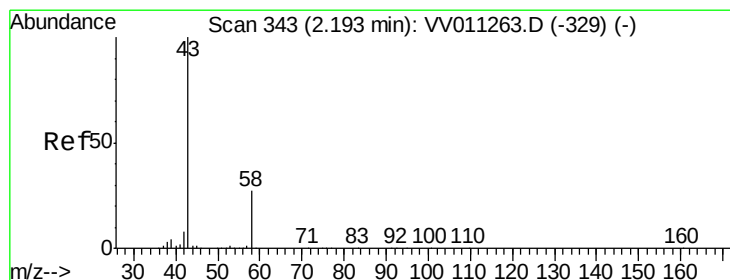
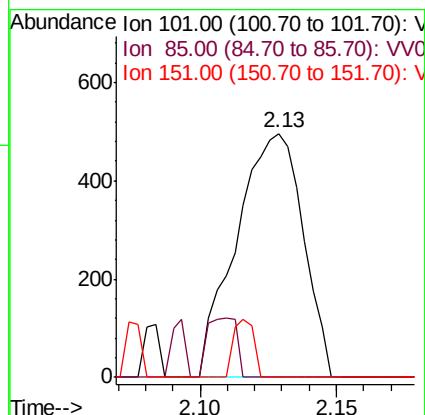
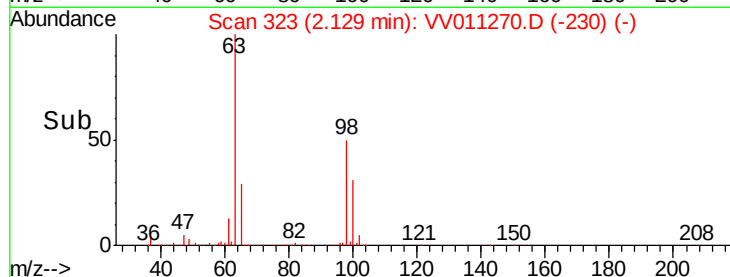
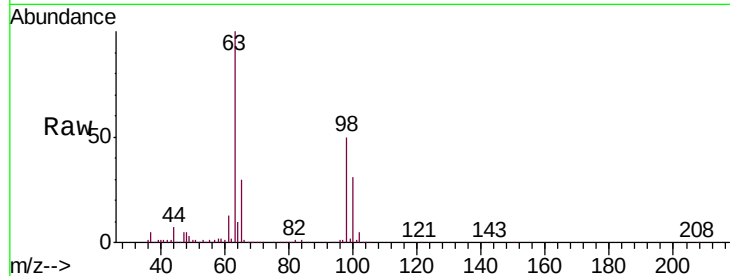
Tgt Ion:101 Resp: 843

Ion Ratio Lower Upper

101 100

85 10.7 35.5 53.3#

151 7.5 56.9 85.3#



#13

Acetone

Concen: 9.232 ug/L

RT: 2.24 min Scan# 358

Delta R.T. 0.05 min

Lab File: VV011270.D

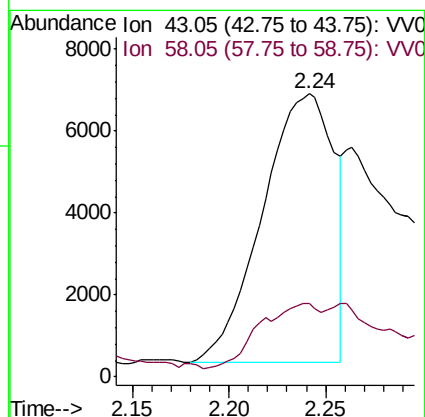
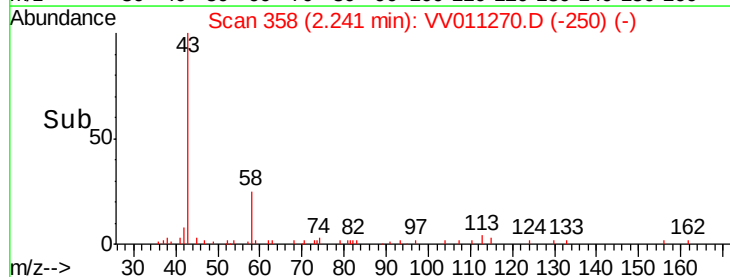
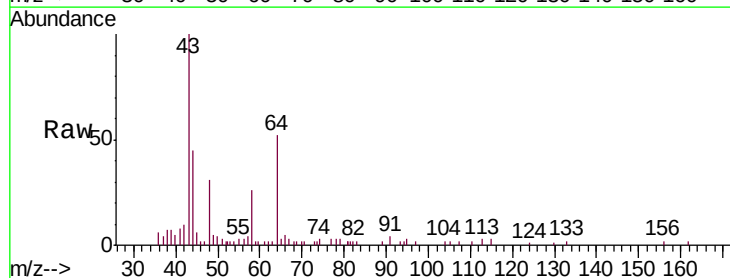
Acq: 07 Jun 2019 04:13

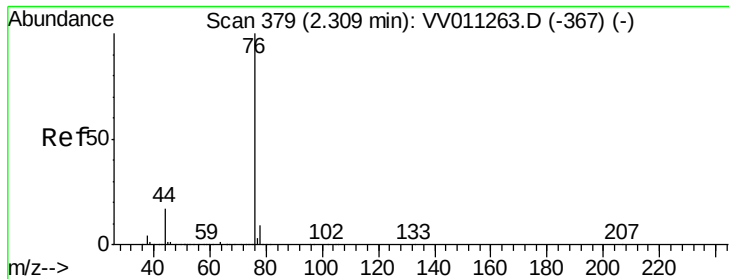
Tgt Ion: 43 Resp: 16903

Ion Ratio Lower Upper

43 100

58 19.6 0.0 55.2





#14

Carbon disulfide

Concen: 1.747 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011270.D

Acq: 07 Jun 2019 04:13

Instrument :

MSVOA_V

ClientSampleId :

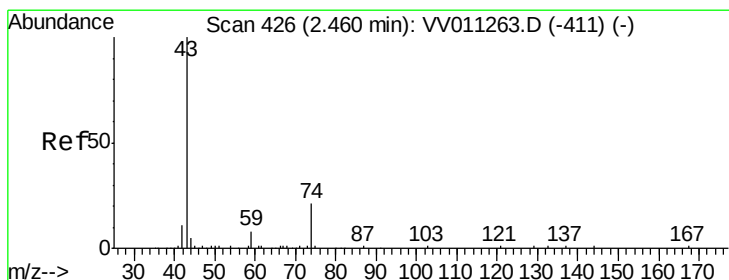
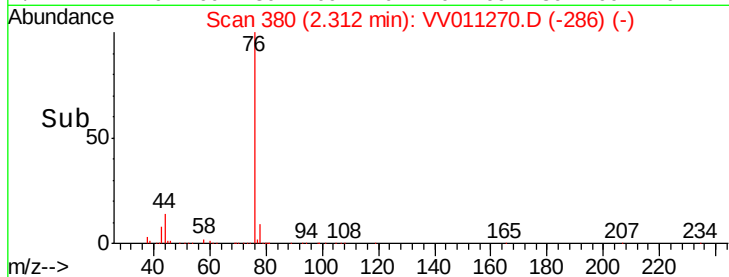
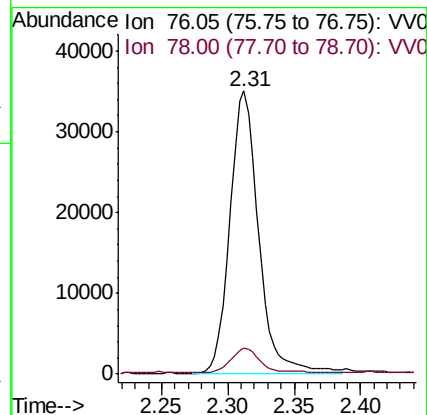
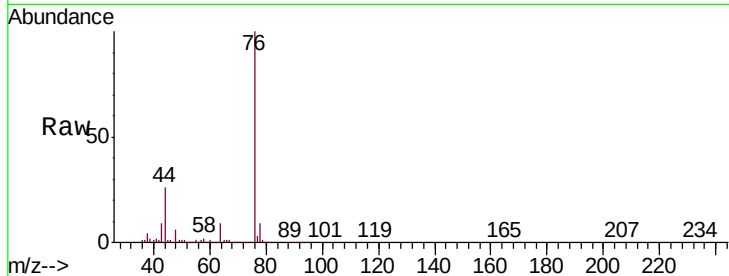
F9P57

Tgt Ion: 76 Resp: 53433

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#15

Methyl Acetate

Concen: 6.100 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV011270.D

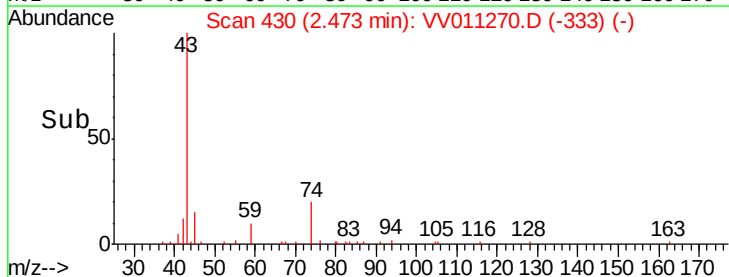
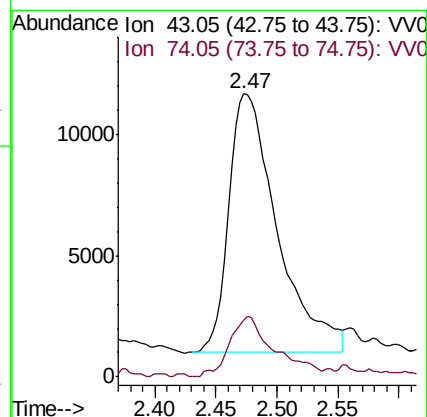
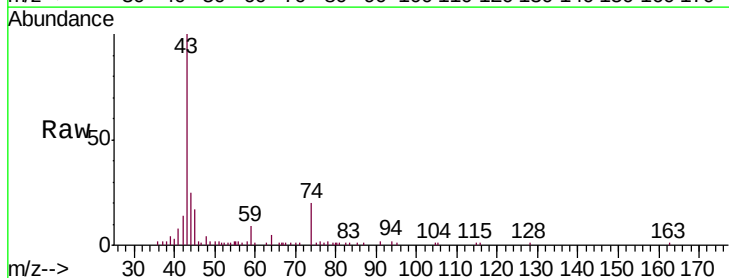
Acq: 07 Jun 2019 04:13

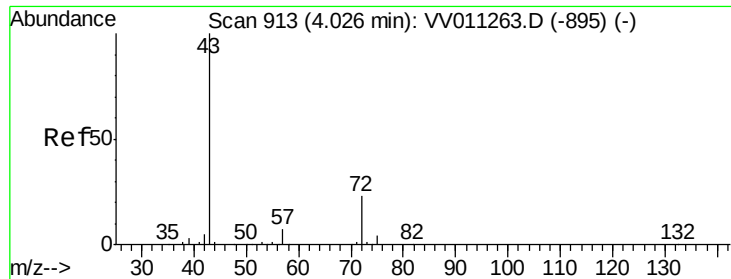
Tgt Ion: 43 Resp: 29663

Ion Ratio Lower Upper

43 100

74 21.6 18.5 27.7

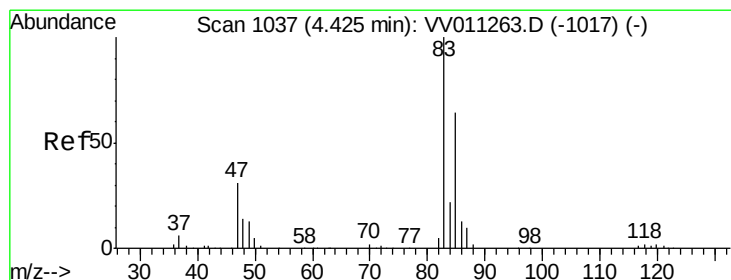
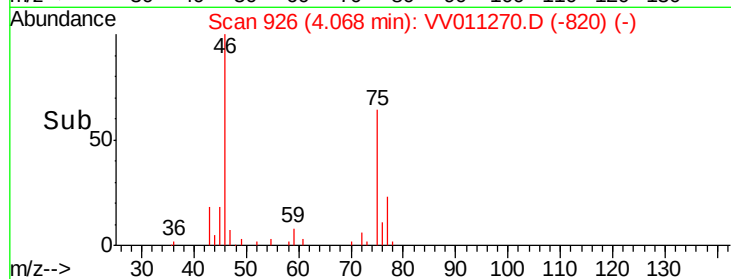
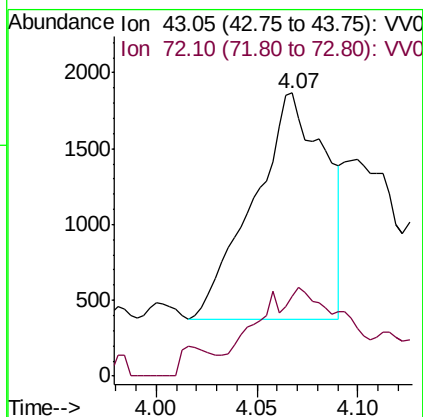
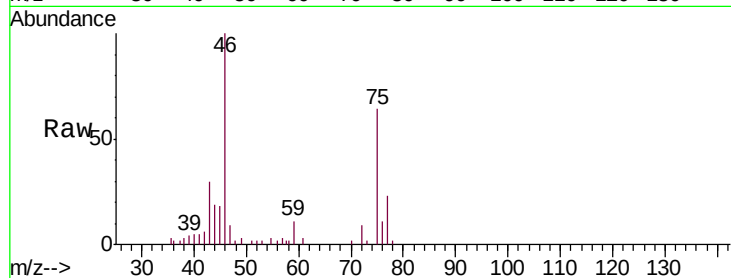




#21
 2-Butanone
 Concen: 1.303 ug/L
 RT: 4.07 min Scan# 926
 Delta R.T. 0.04 min
 Lab File: VV011270.D
 Acq: 07 Jun 2019 04:13

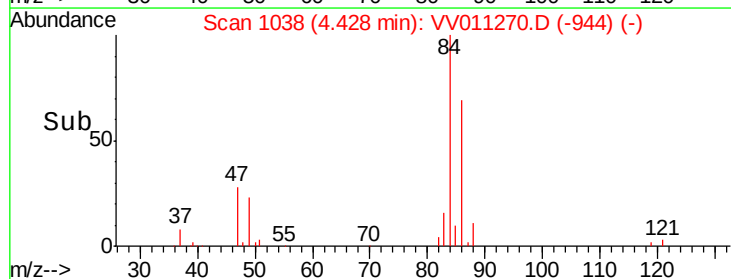
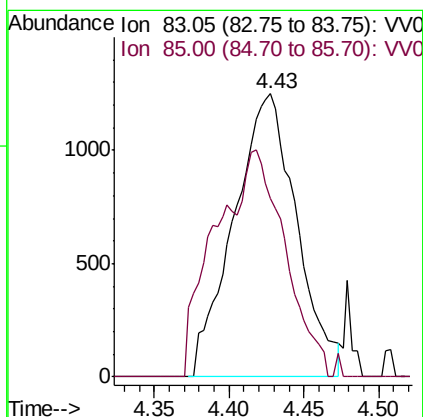
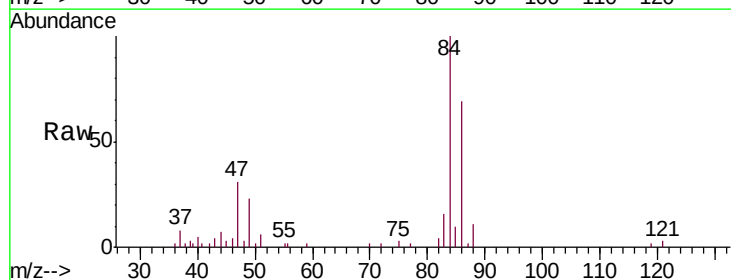
Instrument :
 MSVOA_V
 ClientSampled :
 F9P57

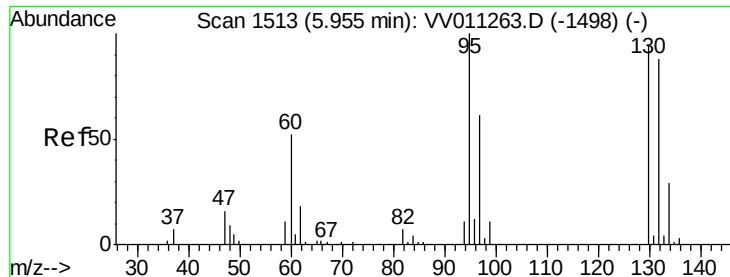
Tgt Ion: 43 Resp: 3675
 Ion Ratio Lower Upper
 43 100
 72 16.2 12.7 38.1



#25
 Chloroform
 Concen: 0.158 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV011270.D
 Acq: 07 Jun 2019 04:13

Tgt Ion: 83 Resp: 3643
 Ion Ratio Lower Upper
 83 100
 85 62.9 44.1 81.9





#34

Trichloroethene

Concen: 0.150 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011270.D

Acq: 07 Jun 2019 04:13

Instrument :

MSVOA_V

ClientSampled :

F9P57

Tgt Ion: 95 Resp: 1787

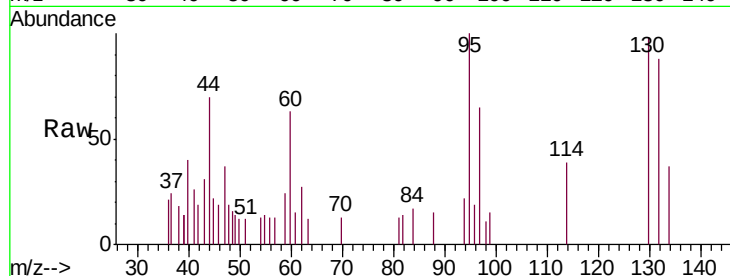
Ion Ratio Lower Upper

95 100

97 65.2 45.8 85.2

132 88.0 66.4 123.2

130 98.3 68.3 126.8

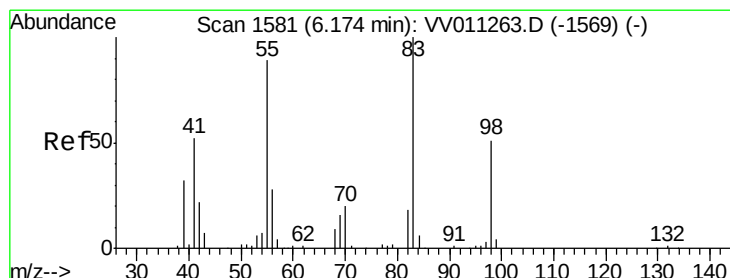
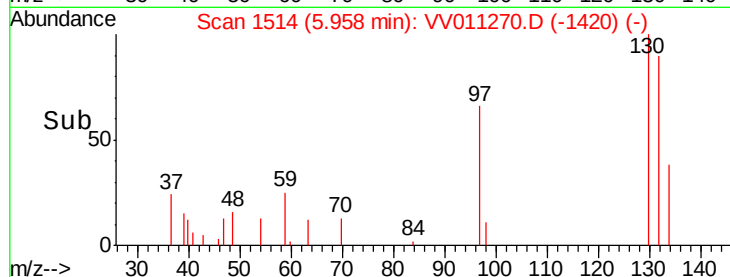
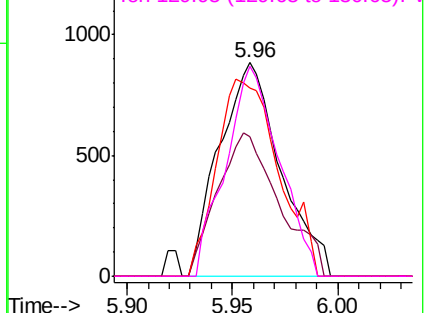


Abundance Ion 95.00 (94.70 to 95.70): VV011270.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011270.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011270.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011270.D (-1420) (-)



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011270.D

Acq: 07 Jun 2019 04:13

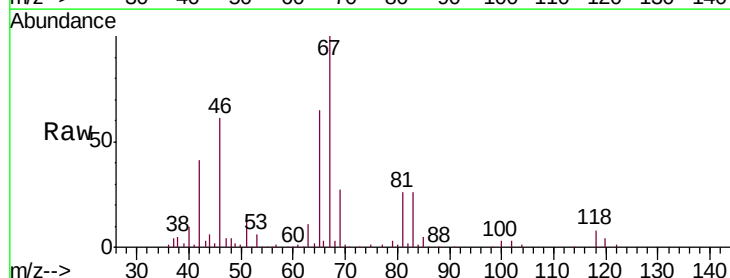
Tgt Ion: 83 Resp: 16244

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.6#

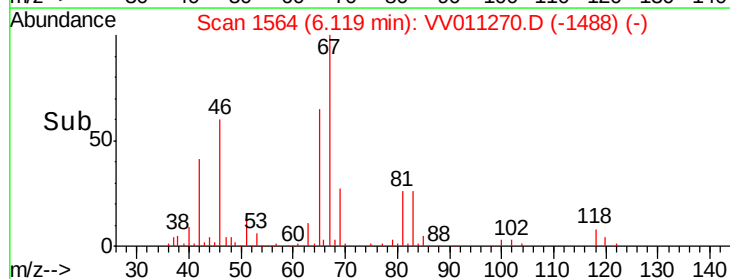
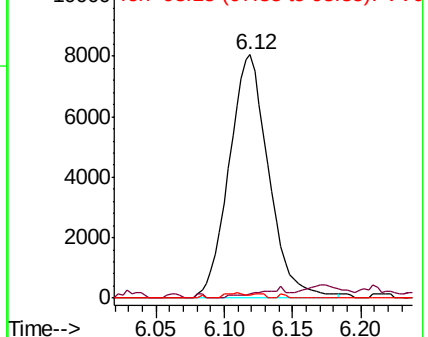
98 0.5 40.0 60.0#

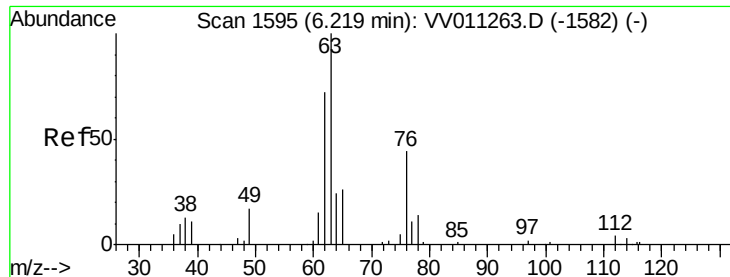


Abundance Ion 83.15 (82.85 to 83.85): VV011270.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV011270.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV011270.D (-1488) (-)

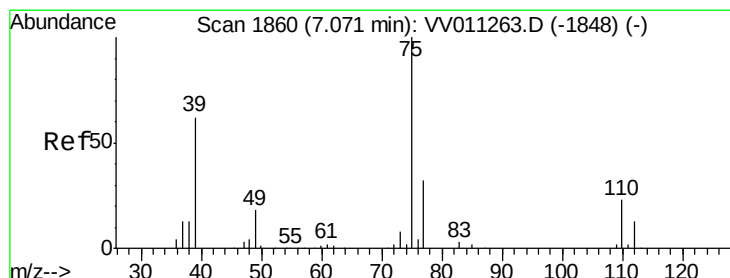
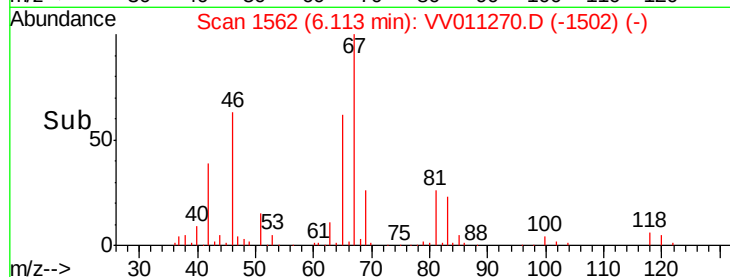
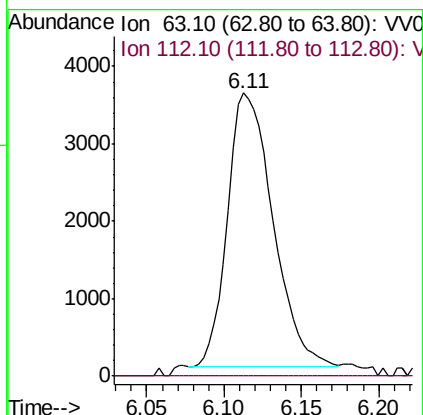
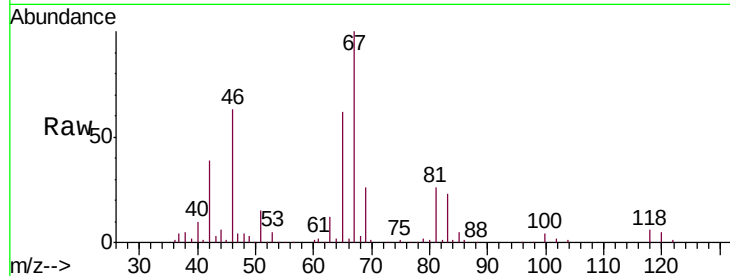




#37
 1,2-Dichloropropane
 Concen: 0.628 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011270.D
 Acq: 07 Jun 2019 04:13

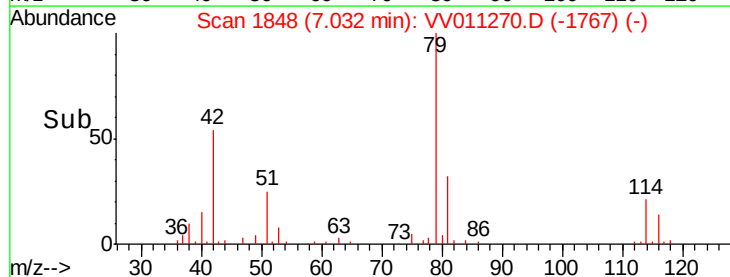
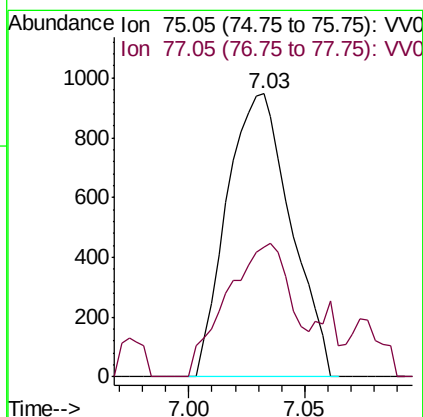
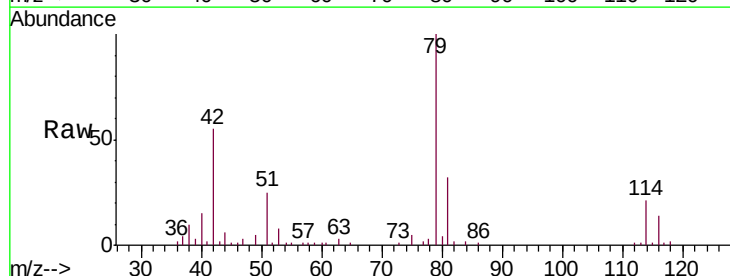
Instrument :
 MSVOA_V
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 F9P57

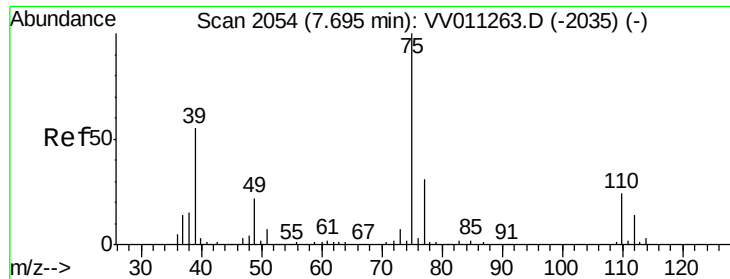
Tgt Ion: 63 Resp: 7216
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011270.D
 Acq: 07 Jun 2019 04:13

Tgt Ion: 75 Resp: 1813
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.2 41.2#

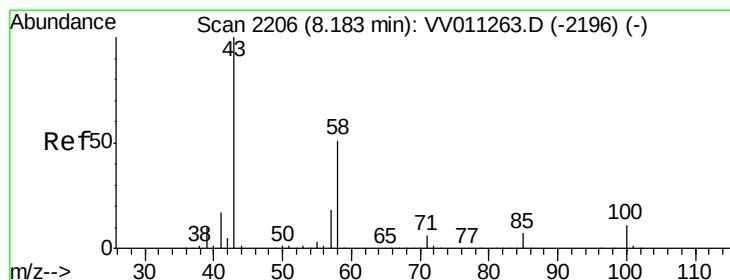
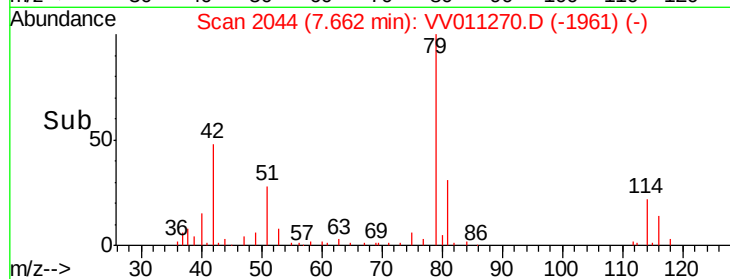
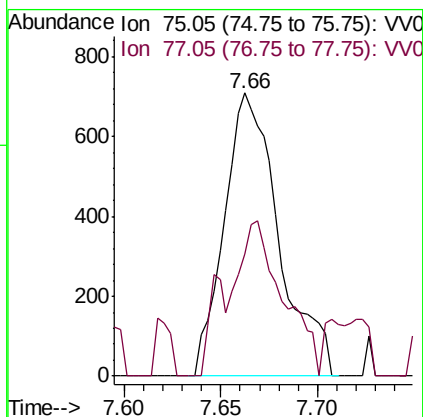
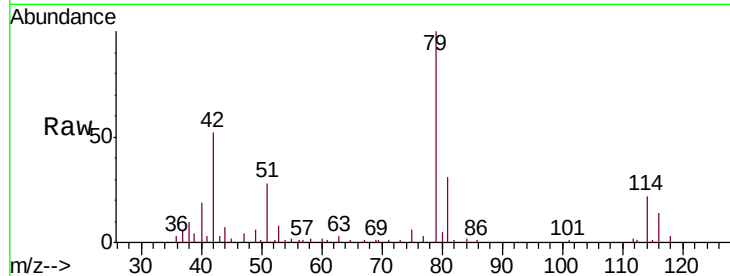




#44
trans-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011270.D
Acq: 07 Jun 2019 04:13

Instrument :
MSVOA_V
ClientSampled :
F9P57

Tgt Ion: 75 Resp: 1397
Ion Ratio Lower Upper
75 100
77 43.4 23.1 42.9#



#48
2-Hexanone
Concen: 3.445 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV011270.D
Acq: 07 Jun 2019 04:13

Tgt Ion: 43 Resp: 17568
Ion Ratio Lower Upper
43 100
58 52.0 41.4 62.0
57 24.5 15.0 22.4#
100 11.7 9.0 13.4

