

Data File : VV011272.D
Acq On : 07 Jun 2019 05:07
Operator : SY/MD
Sample : K3197-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P24

Quant Time: Jun 07 08:14:38 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	154631	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51141	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	39335	4.04	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.12	63	88883	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.98	46	124404	47.16	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.32%
24) Chloroform-d	4.40	84	98045	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	56056	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	206761	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	63795	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	182100	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	19104	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.14	63	115837	55.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43749	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	60480	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

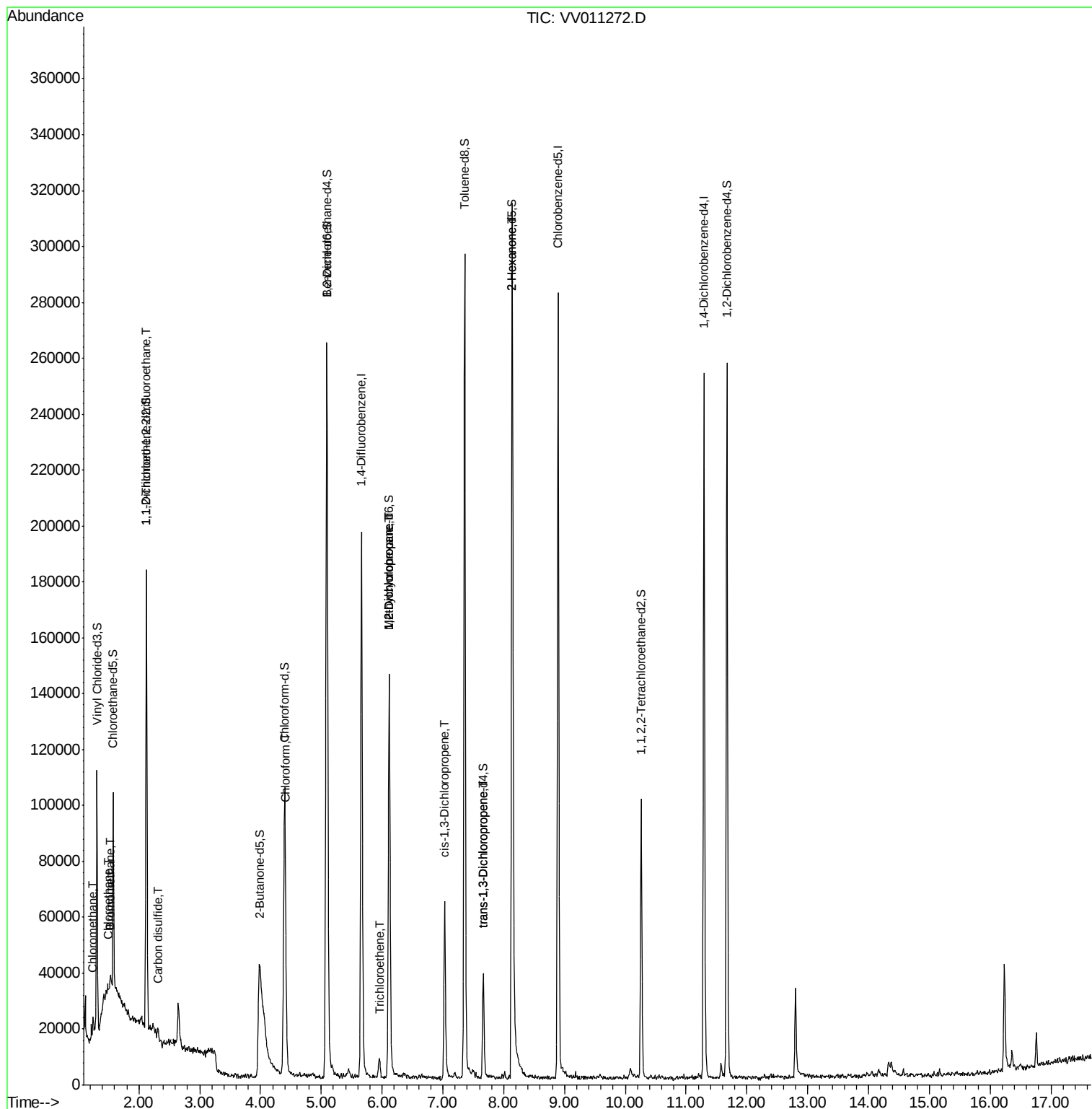
					Qvalue
3) Chloromethane	1.24	50	3468	0.235 ug/L	99
6) Bromomethane	1.53	94	2224	0.300 ug/L	98
8) Chloroethane	1.49	64	64928	7.142 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	825	0.082 ug/L #	26
14) Carbon disulfide	2.31	76	3415	0.116 ug/L #	78
25) Chloroform	4.42	83	2309	0.104 ug/L	82
34) Trichloroethene	5.96	95	1457	0.127 ug/L	95
35) Methylcyclohexane	6.12	83	15250	0.803 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8206	0.742 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1887	0.117 ug/L #	82
44) trans-1,3-Dichloropropene	7.66	75	1104	0.090 ug/L #	62
48) 2-Hexanone	8.14	43	14846	3.020 ug/L #	72

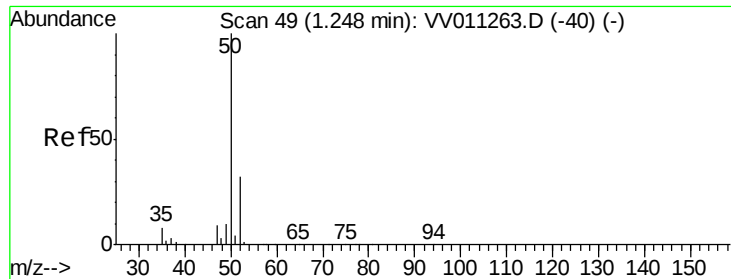
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.235 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011272.D

Acq: 07 Jun 2019 05:07

Instrument :

MSVOA_V

ClientSampleId :

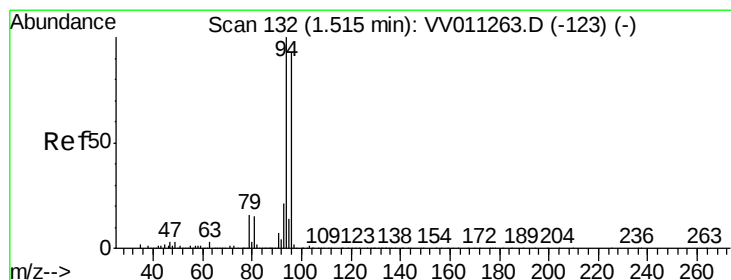
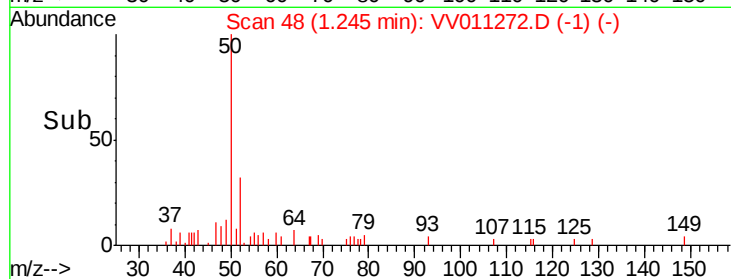
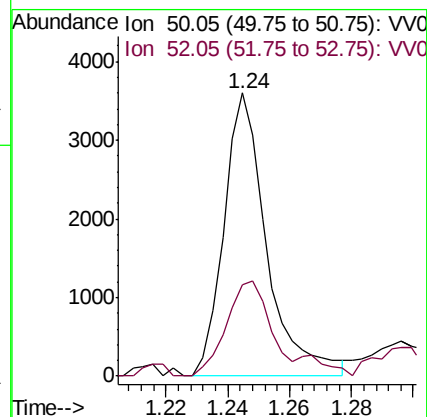
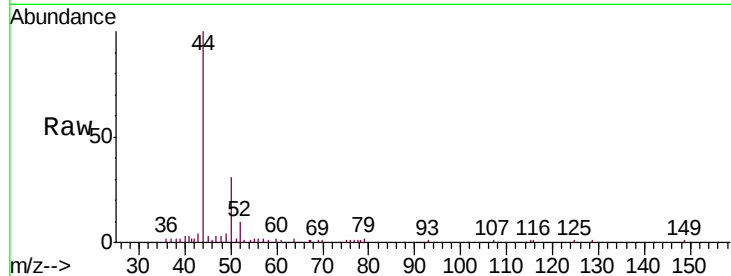
F9P24

Tgt Ion: 50 Resp: 3468

Ion Ratio Lower Upper

50 100

52 32.2 22.3 41.5



#6

Bromomethane

Concen: 0.300 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.02 min

Lab File: VV011272.D

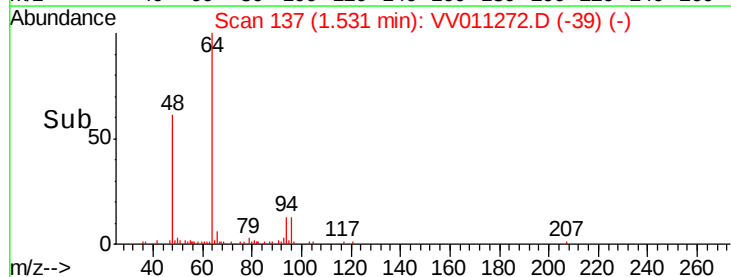
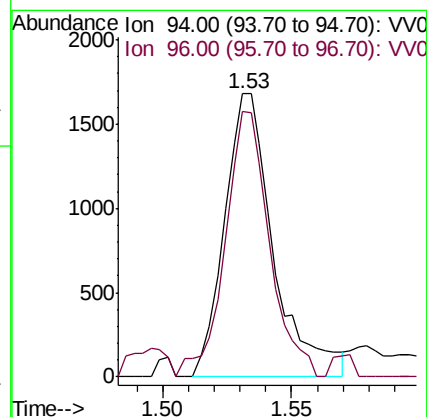
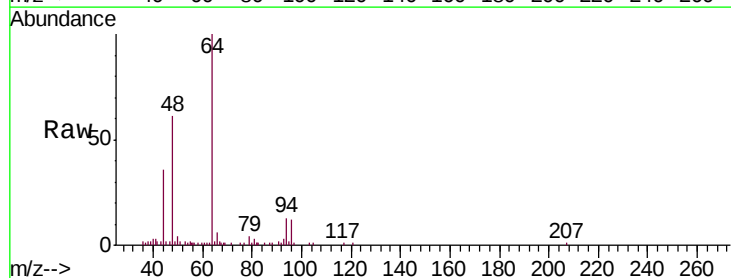
Acq: 07 Jun 2019 05:07

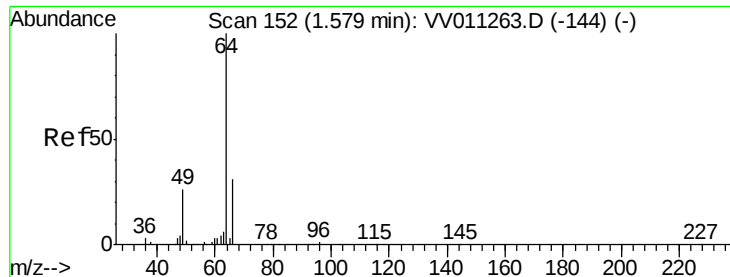
Tgt Ion: 94 Resp: 2224

Ion Ratio Lower Upper

94 100

96 93.8 67.0 124.4





#8

Chloroethane

Concen: 7.142 ug/L

RT: 1.49 min Scan# 123

Delta R.T. -0.09 min

Lab File: VV011272.D

Acq: 07 Jun 2019 05:07

Instrument :

MSVOA_V

ClientSampleId :

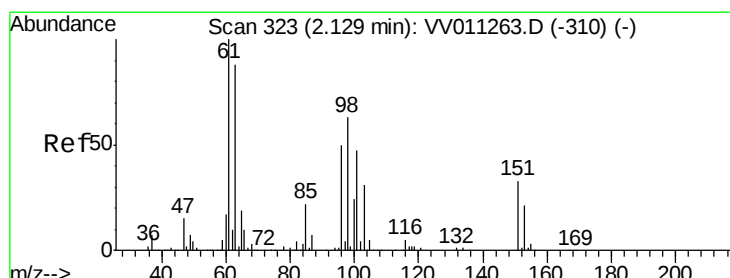
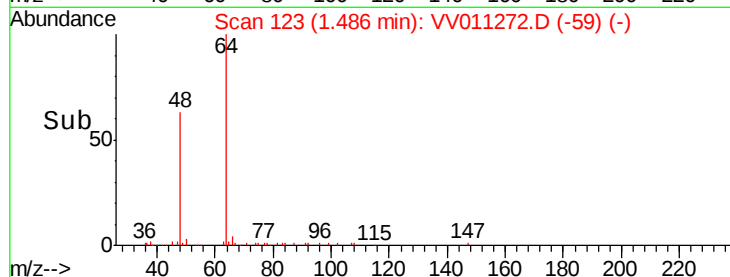
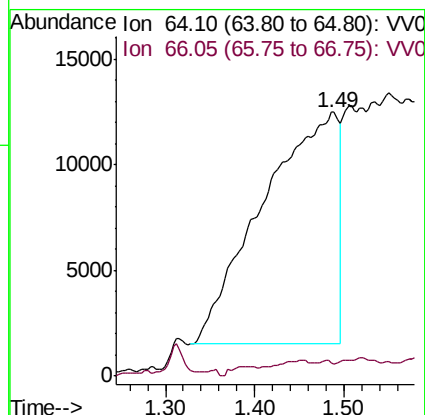
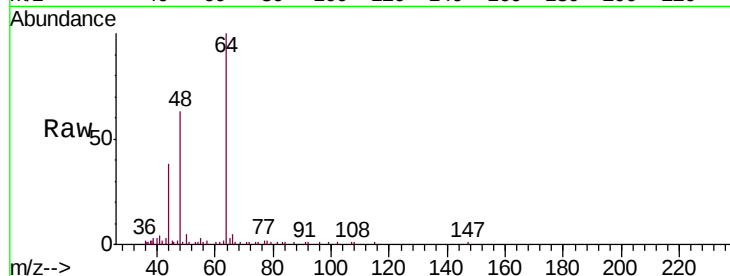
F9P24

Tgt Ion: 64 Resp: 64928

Ion Ratio Lower Upper

64 100

66 5.2 19.4 36.0#



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011272.D

Acq: 07 Jun 2019 05:07

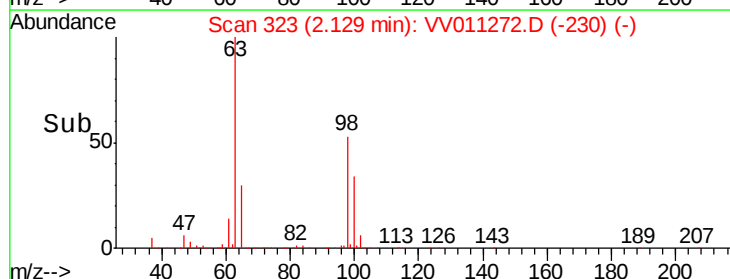
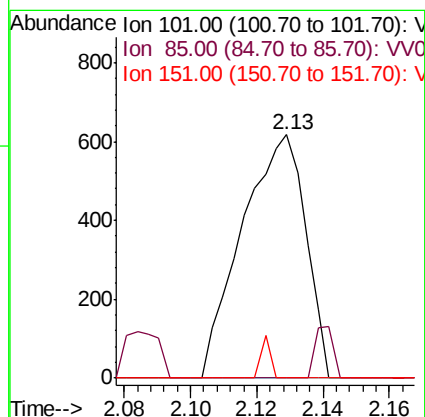
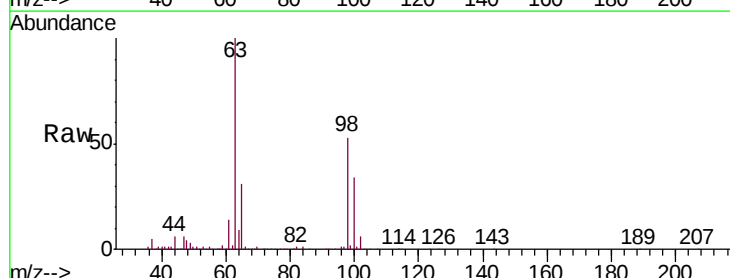
Tgt Ion: 101 Resp: 825

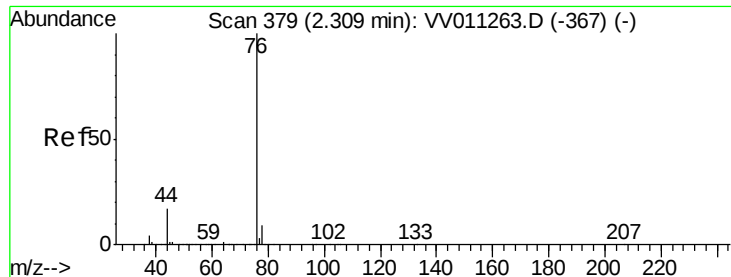
Ion Ratio Lower Upper

101 100

85 6.1 35.5 53.3#

151 2.5 56.9 85.3#





#14

Carbon disulfide

Concen: 0.116 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011272.D

Acq: 07 Jun 2019 05:07

Instrument :

MSVOA_V

ClientSampleId :

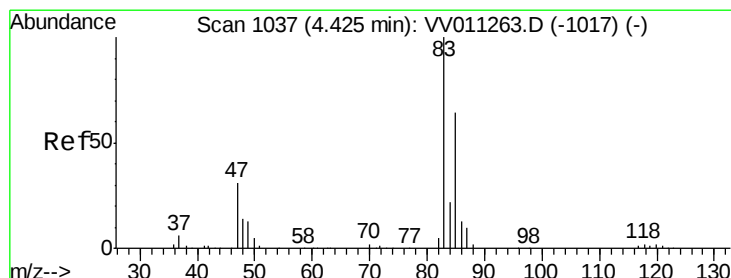
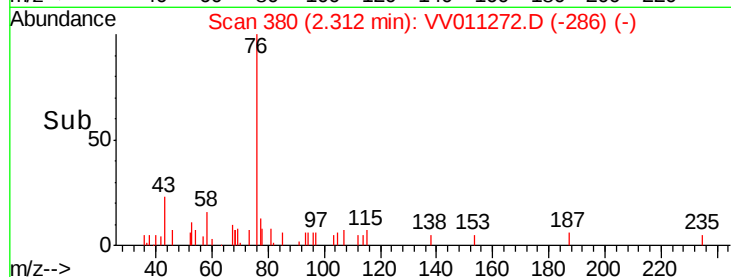
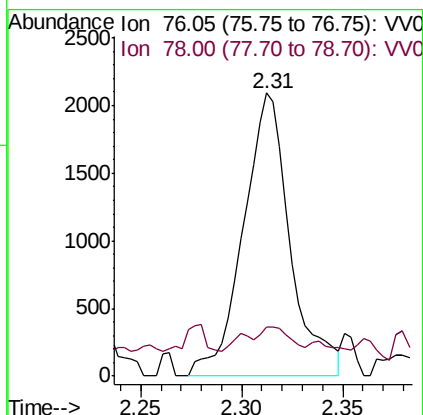
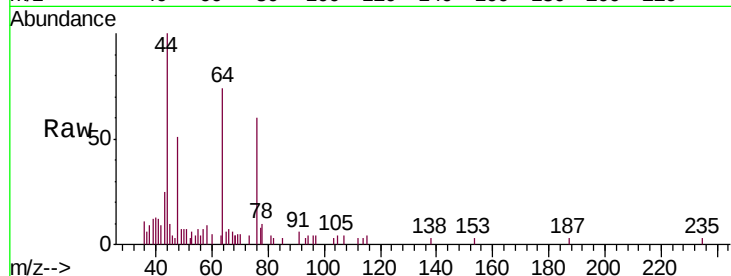
F9P24

Tgt Ion: 76 Resp: 3415

Ion Ratio Lower Upper

76 100

78 17.2 7.3 10.9#



#25

Chloroform

Concen: 0.104 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV011272.D

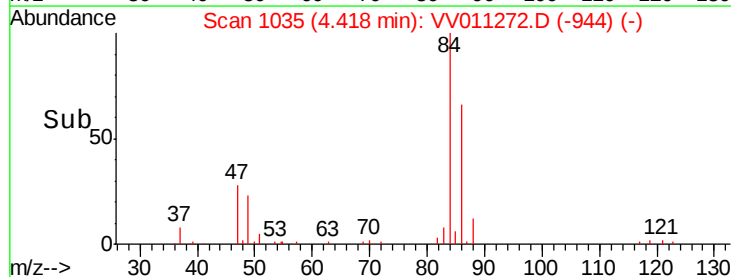
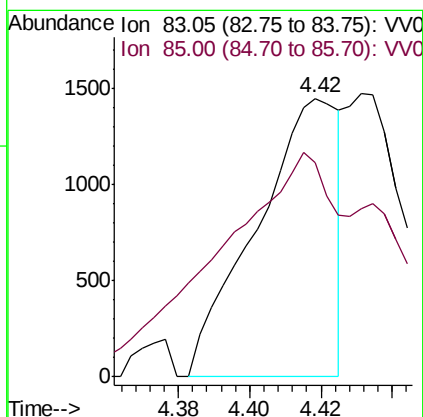
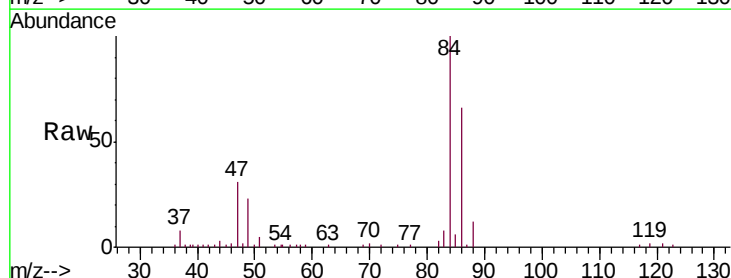
Acq: 07 Jun 2019 05:07

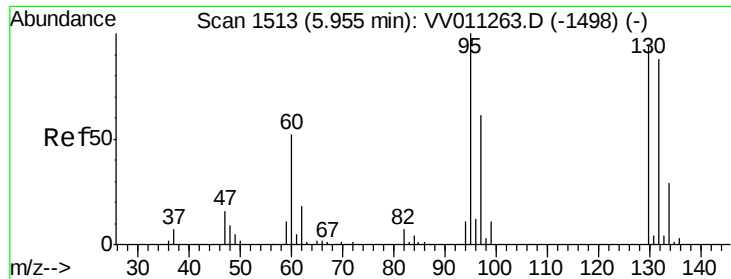
Tgt Ion: 83 Resp: 2309

Ion Ratio Lower Upper

83 100

85 76.8 44.1 81.9

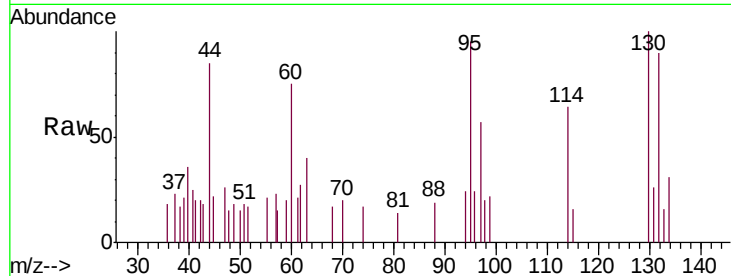




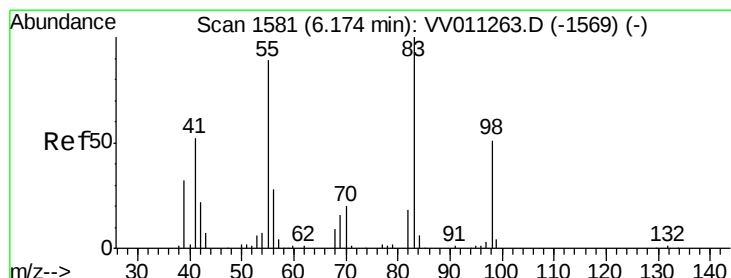
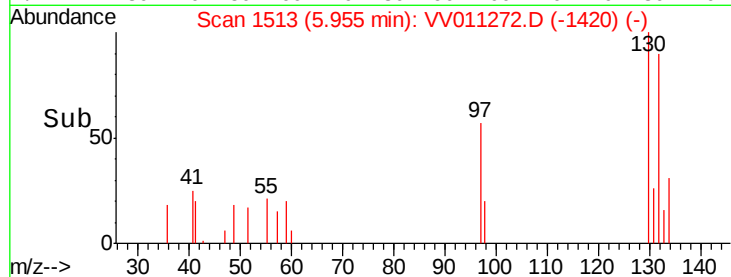
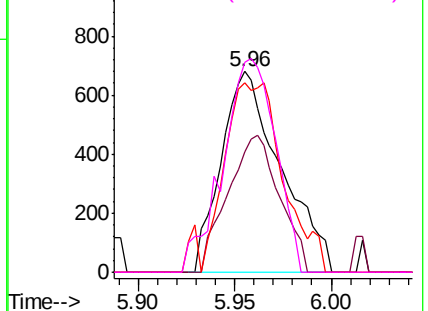
#34
 Trichloroethene
 Concen: 0.127 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV011272.D
 Acq: 07 Jun 2019 05:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P24

Tgt Ion: 95 Resp: 1457
 Ion Ratio Lower Upper
 95 100
 97 59.9 45.8 85.2
 132 94.7 66.4 123.2
 130 104.9 68.3 126.8

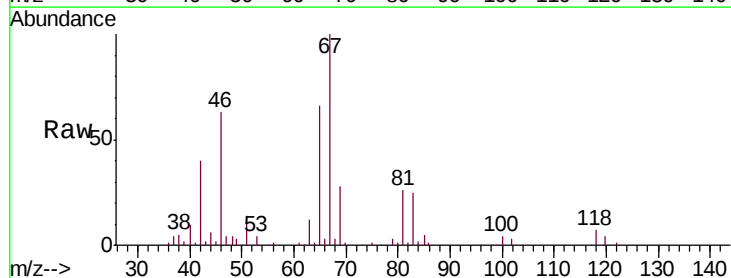


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

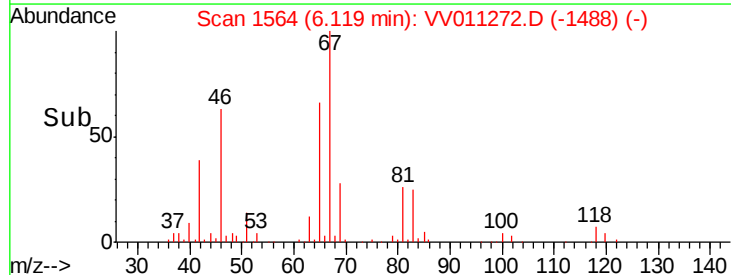
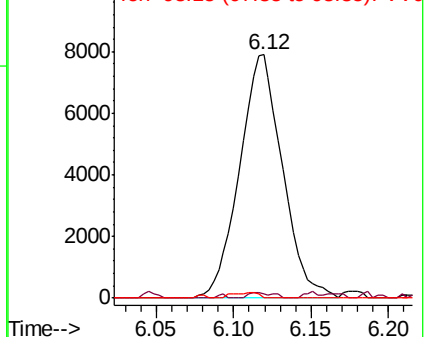


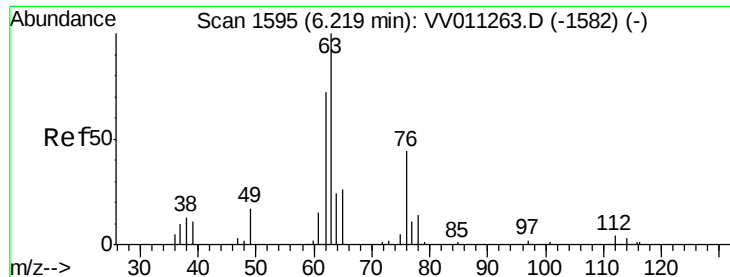
#35
 Methylcyclohexane
 Concen: 0.803 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV011272.D
 Acq: 07 Jun 2019 05:07

Tgt Ion: 83 Resp: 15250
 Ion Ratio Lower Upper
 83 100
 55 1.2 67.0 100.6#
 98 1.3 40.0 60.0#



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

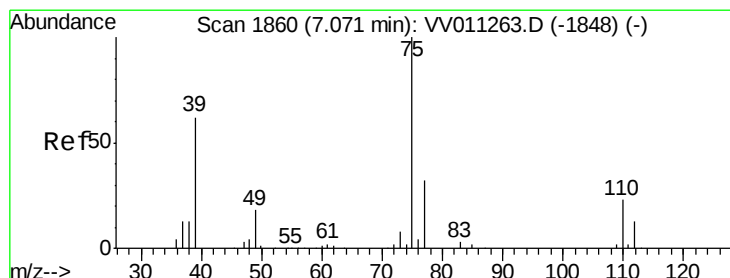
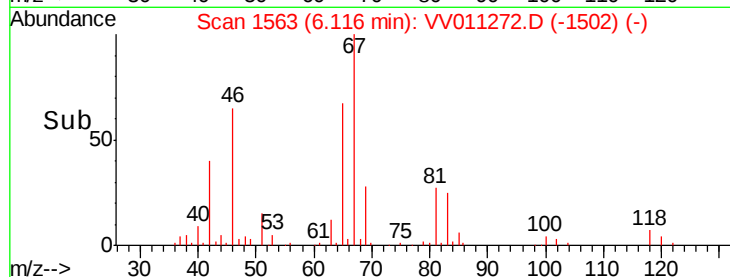
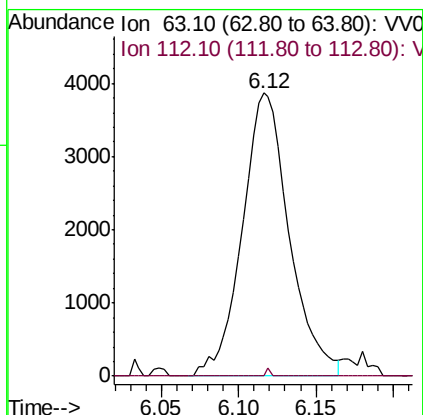
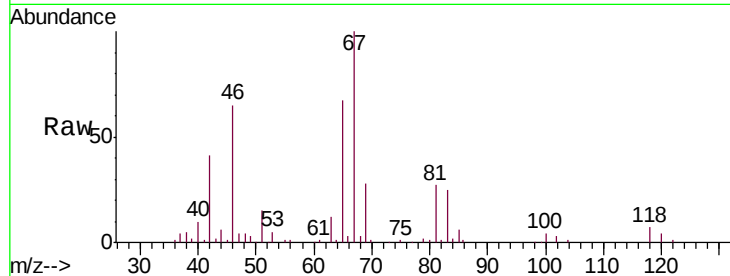




#37
 1,2-Dichloropropane
 Concen: 0.742 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011272.D
 Acq: 07 Jun 2019 05:07

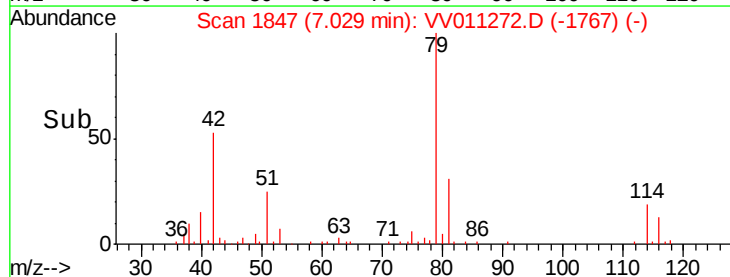
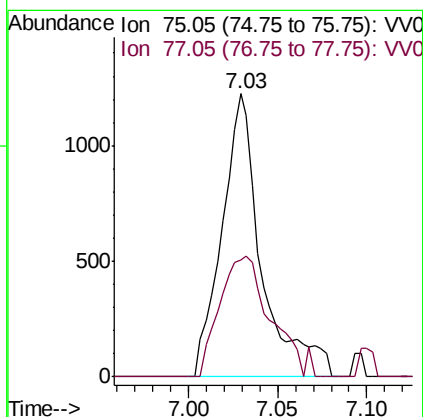
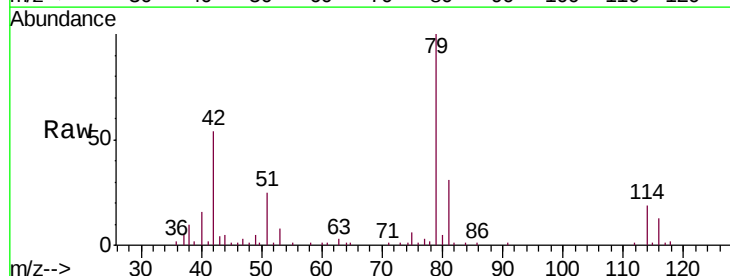
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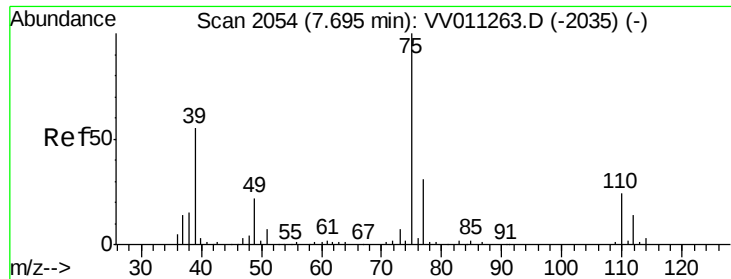
Tgt Ion: 63 Resp: 8206
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011272.D
 Acq: 07 Jun 2019 05:07

Tgt Ion: 75 Resp: 1887
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.2 41.2#

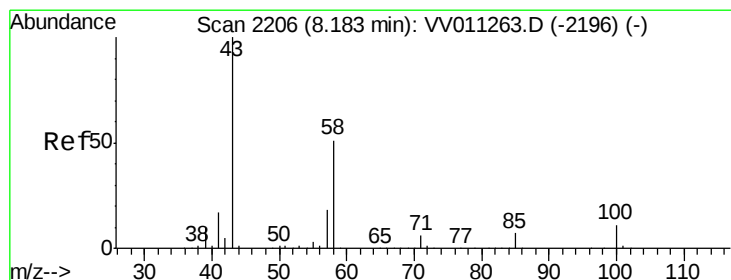
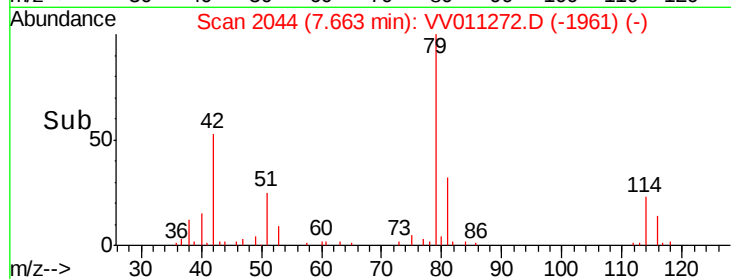
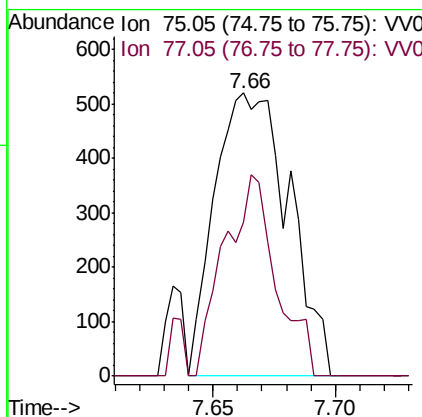
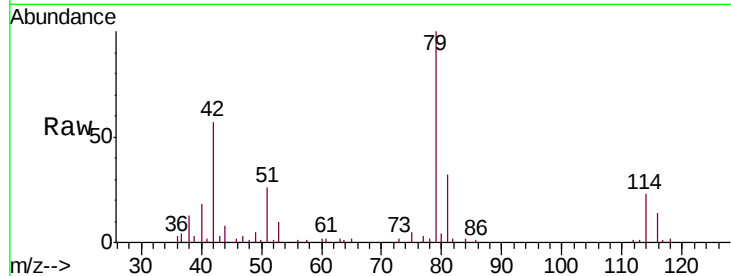




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011272.D
Acq: 07 Jun 2019 05:07

Instrument :
MSVOA_V
ClientSampleId :
F9P24

Tgt Ion: 75 Resp: 1104
Ion Ratio Lower Upper
75 100
77 54.4 23.1 42.9#



#48
2-Hexanone
Concen: 3.020 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV011272.D
Acq: 07 Jun 2019 05:07

Tgt Ion: 43 Resp: 14846
Ion Ratio Lower Upper
43 100
58 28.2 41.4 62.0#
57 24.9 15.0 22.4#
100 0.5 9.0 13.4#

