

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006924.D
 Acq On : 08 Aug 2018 03:31
 Operator : SY/MD
 Sample : J4357-16
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:11:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199595	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73223	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.58	69	61832	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	103389	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.97	46	255890	67.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.02%#
24) Chloroform-d	4.41	84	138389	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.09	65	77906	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.10	84	267466	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.12	67	97072	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.37	98	200262	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	25010	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.15	63	140063	61.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72811	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	67427	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	734880	39.169	ug/L	99
8) Chloroethane	1.32	64	230225	19.474	ug/L #	44
12) 1,1-Dichloroethene	2.14	96	14258	1.080	ug/L #	1
13) Acetone	2.21	43	7753	3.111	ug/L	95
15) Methyl Acetate	2.37	43	9957	1.454	ug/L #	53
18) trans-1,2-Dichloroethene	2.79	96	35551	2.480	ug/L	97
21) 2-Butanone	4.06	43	3900	0.951	ug/L #	52
22) cis-1,2-Dichloroethene	3.97	96	6903631	481.293	ug/L	99
34) Trichloroethene	5.96	95	2749339	200.022	ug/L	99
37) 1,2-Dichloropropane	6.12	63	10260	0.625	ug/L #	89
40) 4-Methyl-2-pentanone	7.30	43	2618	0.286	ug/L #	84
45) 1,1,2-Trichloroethane	8.03	97	51558	5.005	ug/L #	1
47) Tetrachloroethene	8.03	164	6231058	595.809	ug/L	98
48) 2-Hexanone	8.15	43	19538	3.048	ug/L #	70
49) Dibromochloromethane	8.03	129	5675044	520.699	ug/L #	9

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QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration

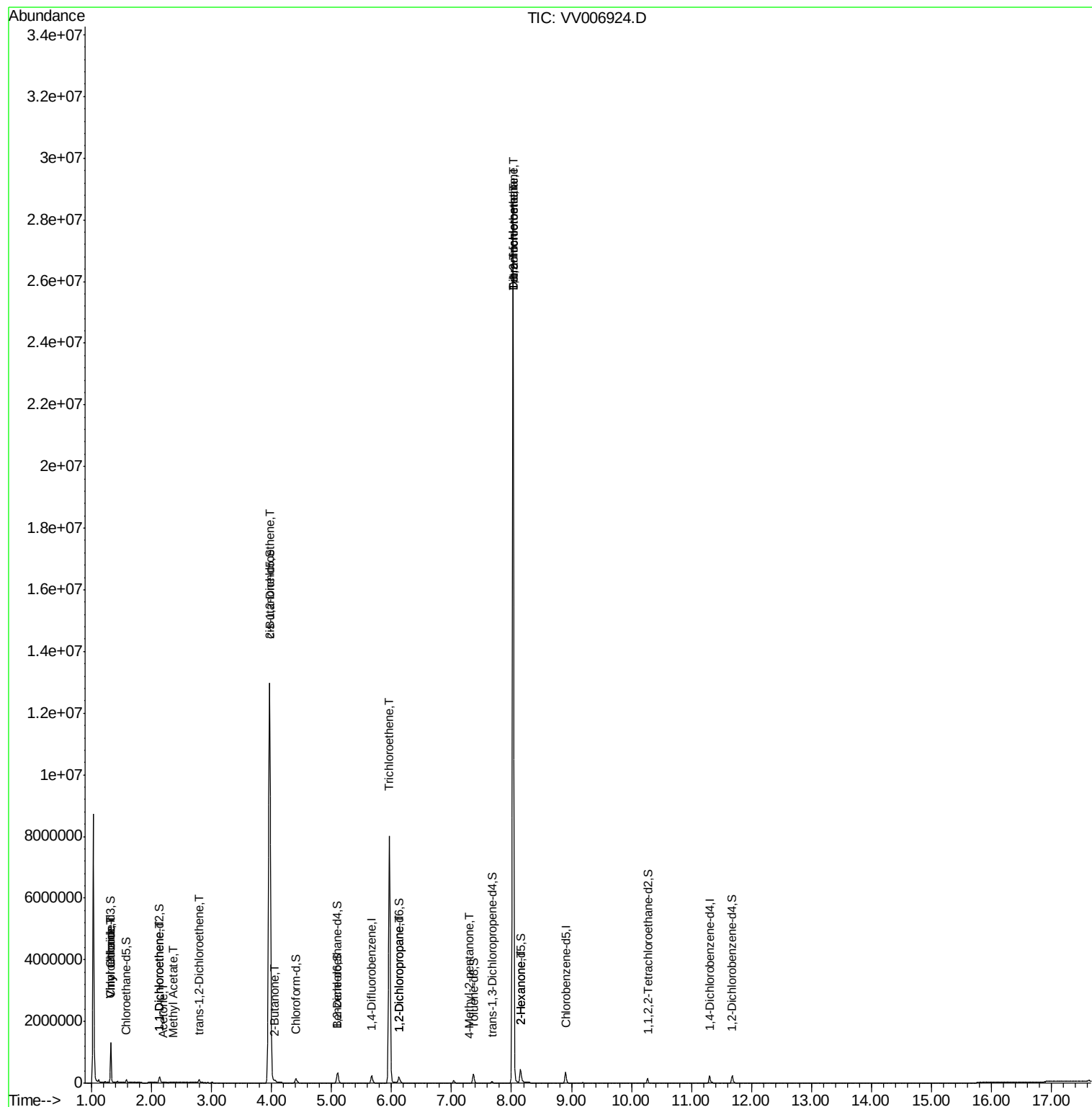
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

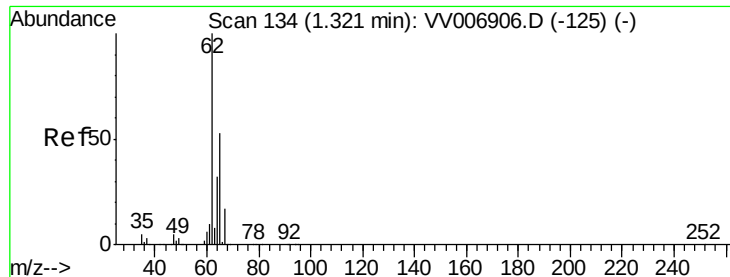
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 39.169 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

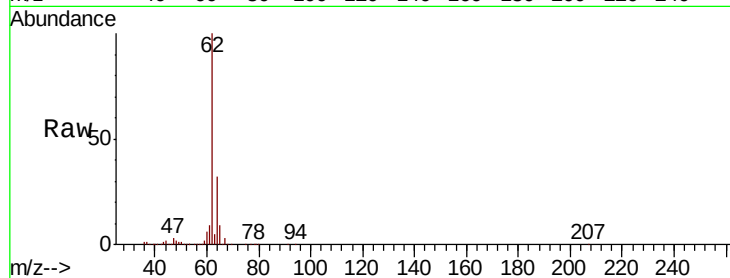
ClientSampleId :

Tot Ion: 62 Resp: 734880

Ion Ratio Lower Upper

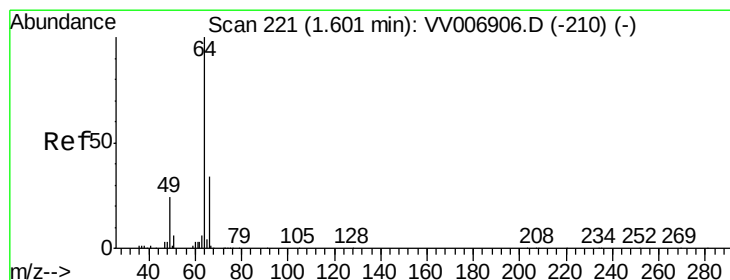
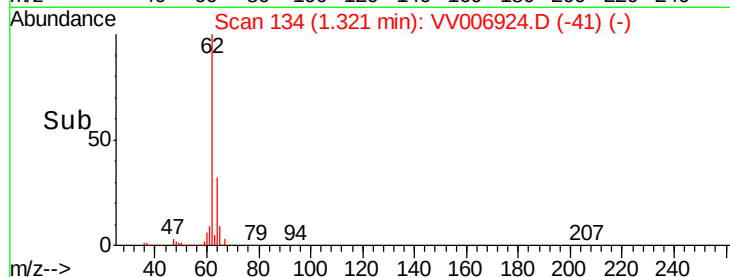
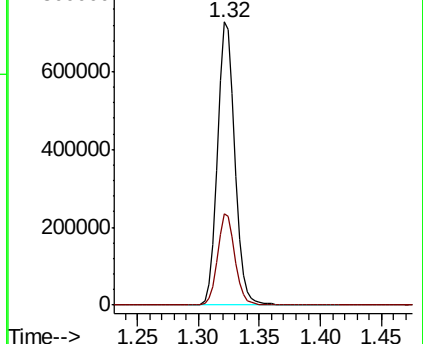
62 100

64 32.2 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006924.D (-125) (-)

Ion 64.10 (63.80 to 64.80): VV006924.D (-125) (-)



#8

Chloroethane

Concen: 19.474 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006924.D

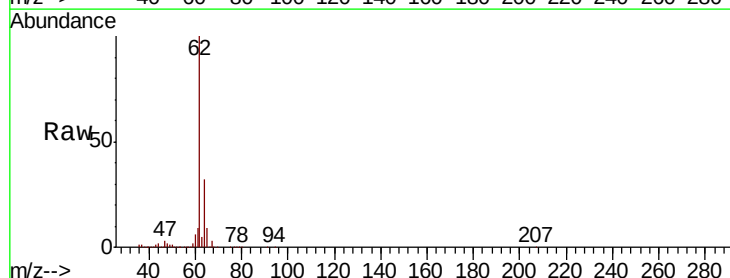
Acq: 08 Aug 2018 03:31

Tgt Ion: 64 Resp: 230225

Ion Ratio Lower Upper

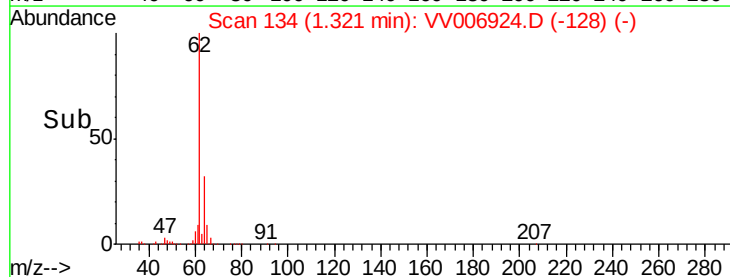
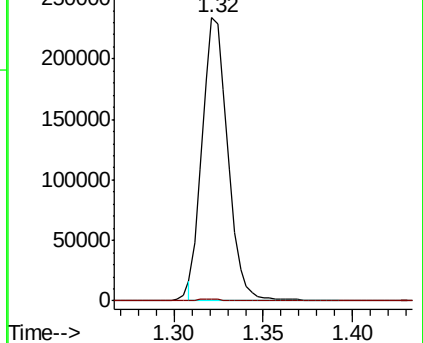
64 100

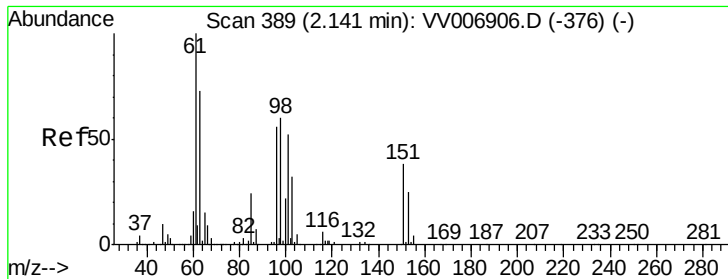
66 0.7 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VV006924.D (-210) (-)

Ion 66.05 (65.75 to 66.75): VV006924.D (-210) (-)





#12

1,1-Dichloroethene

Concen: 1.080 ug/L

RT: 2.14 min Scan# 390

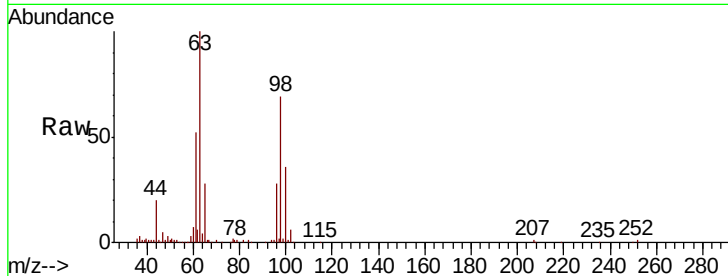
Delta R.T. 0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :
MSVOA_V
ClientSampleId :

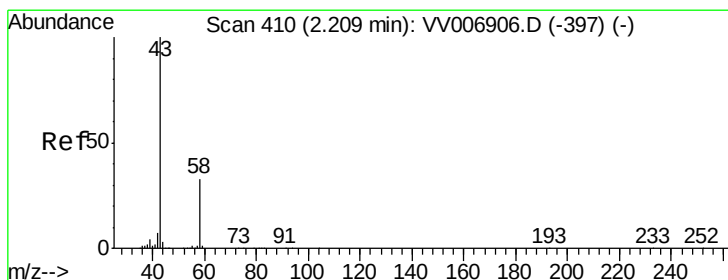
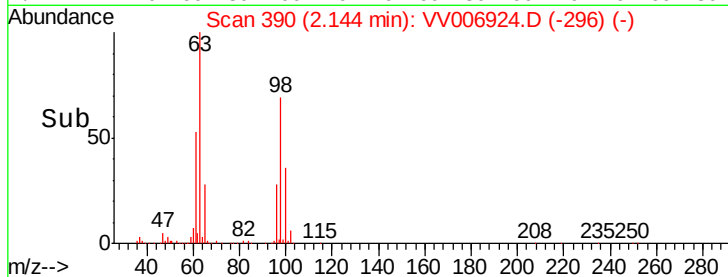
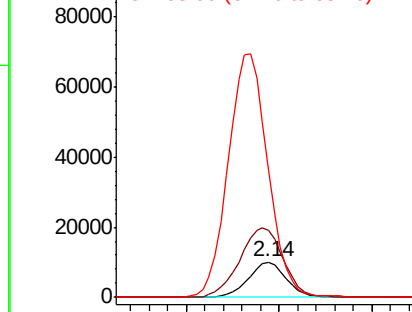
Tot Ion	Ratio	Lower	Upper
96	100		
61	188.7	119.0	221.0
63	359.9	73.6	136.6#



Abundance Ion 96.00 (95.70 to 96.70): VV006924.D (-396) (-)

Ion 61.05 (60.75 to 61.75): VV006924.D (-396) (-)

Ion 63.00 (62.70 to 63.70): VV006924.D (-396) (-)



#13

Acetone

Concen: 3.111 ug/L

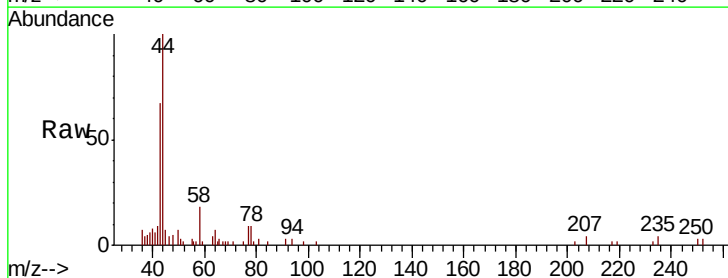
RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006924.D

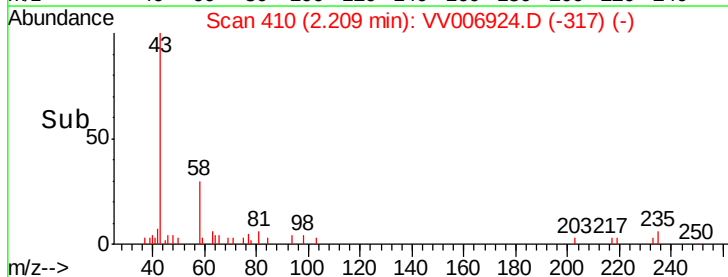
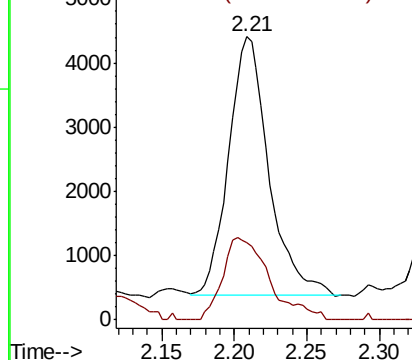
Acq: 08 Aug 2018 03:31

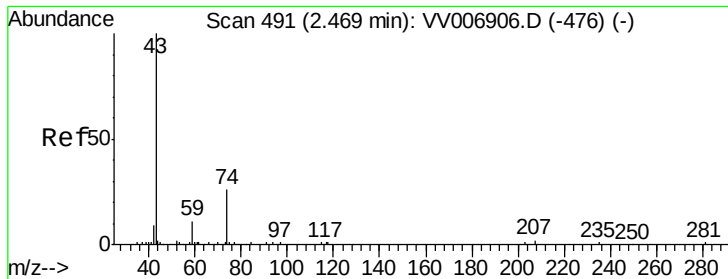
Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	0.0	68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006924.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VV006924.D (-317) (-)





#15

Methyl Acetate

Concen: 1.454 ug/L

RT: 2.37 min Scan# 459

Delta R.T. -0.10 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

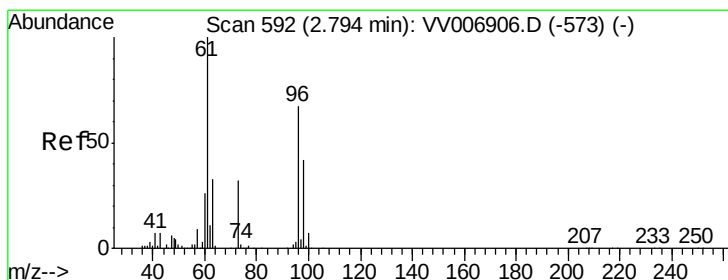
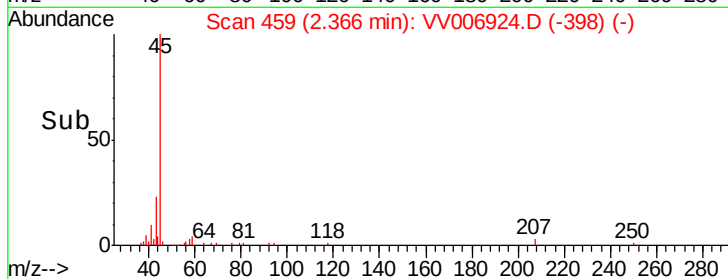
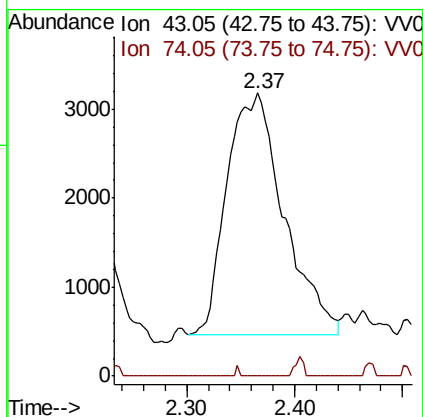
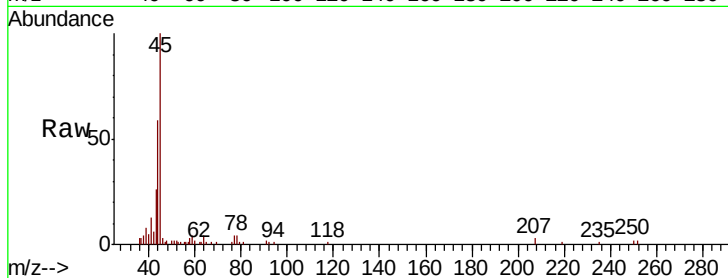
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9957

Ion Ratio Lower Upper

43 100

74 0.2 18.6 27.8#



#18

trans-1,2-Dichloroethene

Concen: 2.480 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

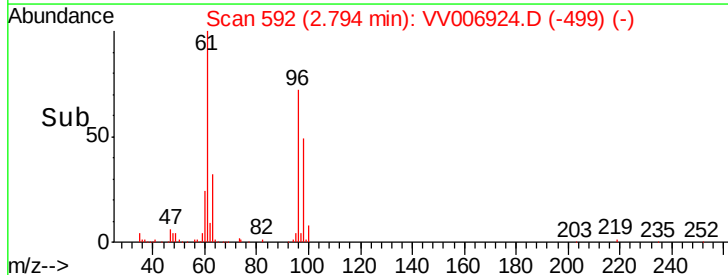
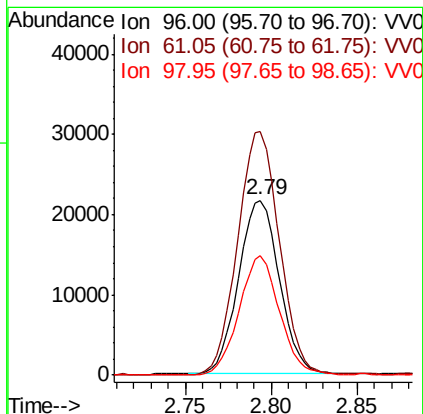
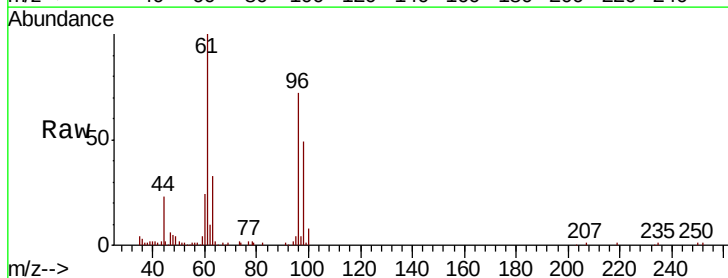
Tgt Ion: 96 Resp: 35551

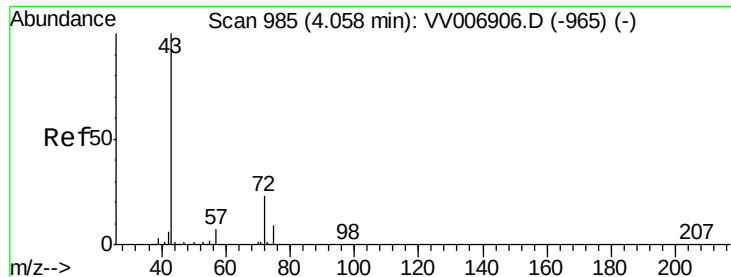
Ion Ratio Lower Upper

96 100

61 139.1 97.3 180.7

98 68.1 42.8 79.6





#21

2-Butanone

Concen: 0.951 ug/L

RT: 4.06 min Scan# 985

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

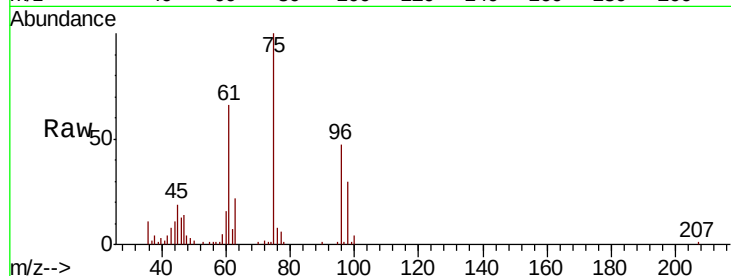
ClientSampleId :

Tot Ion: 43 Resp: 3900

Ion Ratio Lower Upper

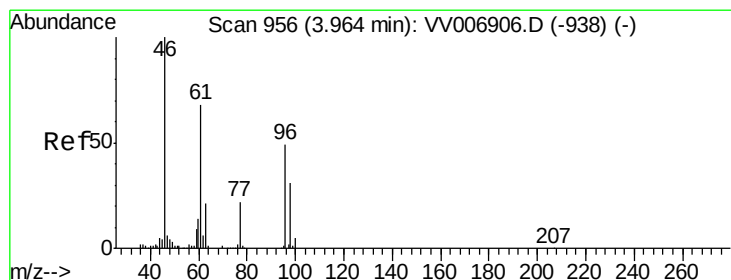
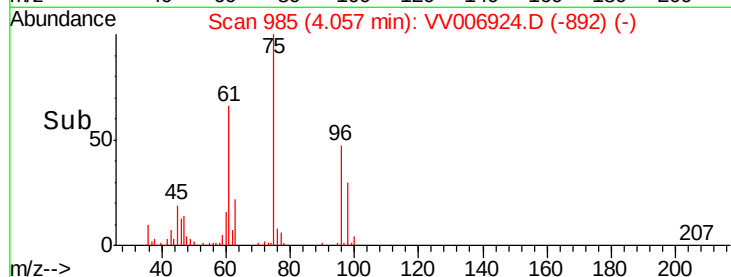
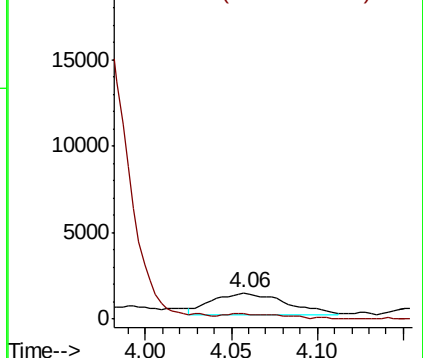
43 100

72 0.0 11.9 35.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 481.293 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

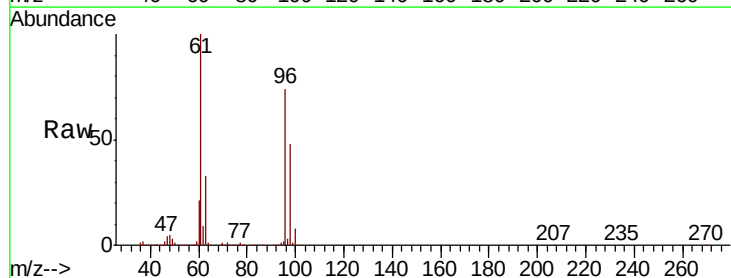
Tgt Ion: 96 Resp: 6903631

Ion Ratio Lower Upper

96 100

61 135.1 95.5 177.4

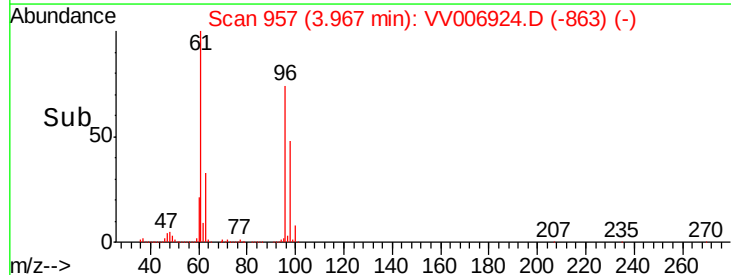
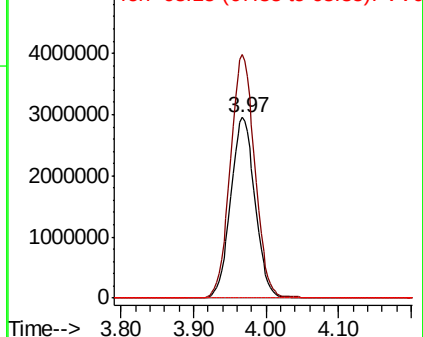
68 0.0 0.0 0.0

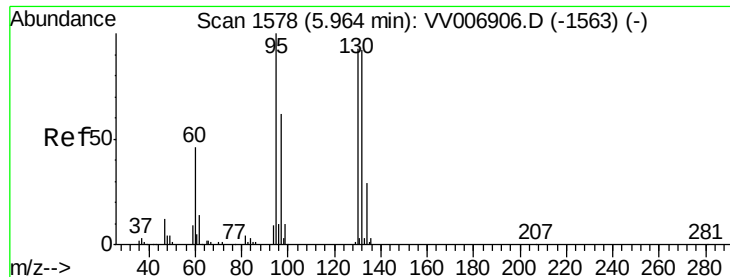


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 200.022 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 2749339

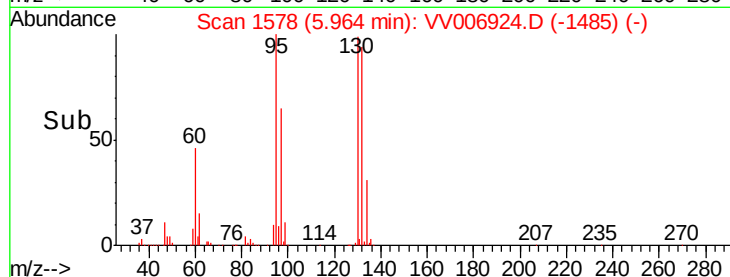
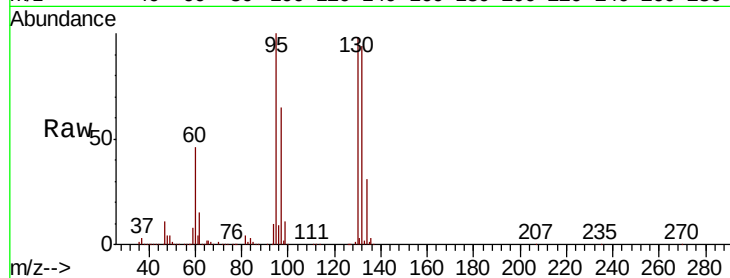
Ion Ratio Lower Upper

95 100

97 64.6 44.4 82.4

132 94.3 65.6 121.8

130 98.4 68.8 127.8

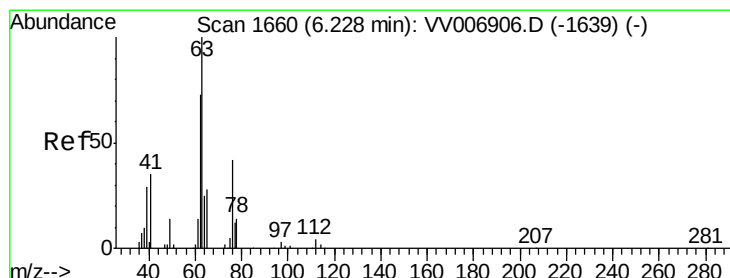
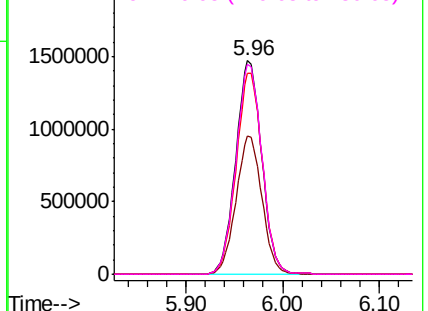


Abundance Ion 95.00 (94.70 to 95.70): VV006924.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006924.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006924.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006924.D (-1485) (-)



#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006924.D

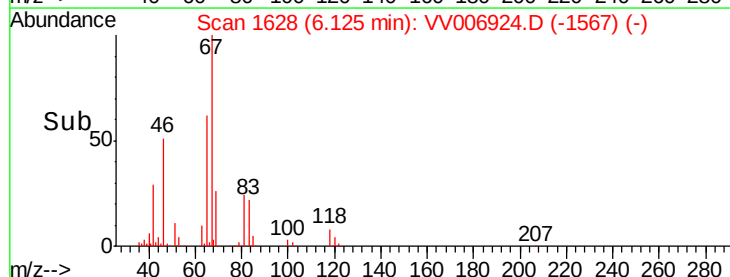
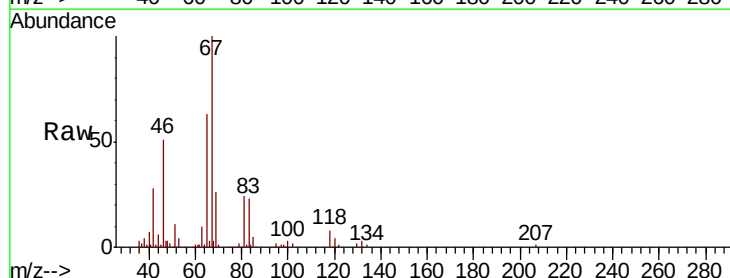
Acq: 08 Aug 2018 03:31

Tgt Ion: 63 Resp: 10260

Ion Ratio Lower Upper

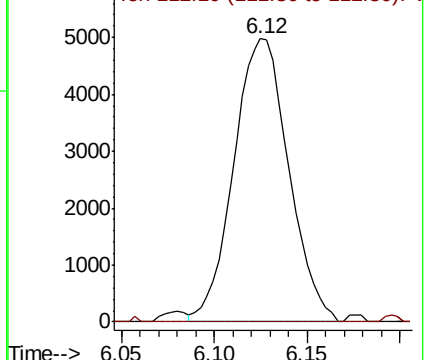
63 100

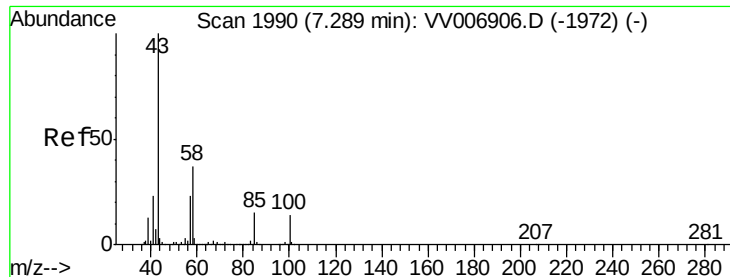
112 0.6 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006924.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006924.D (-1567) (-)

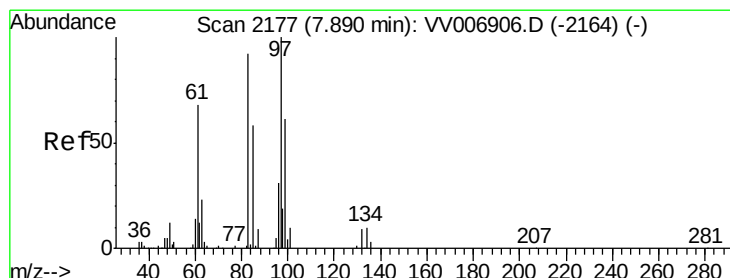
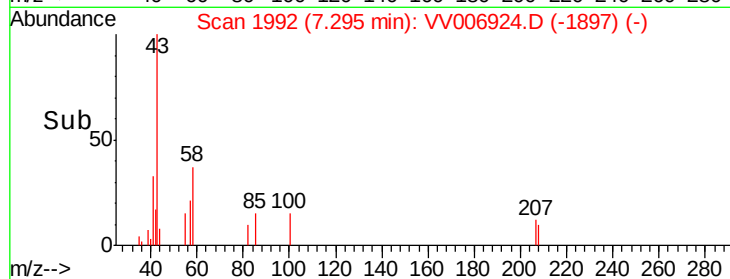
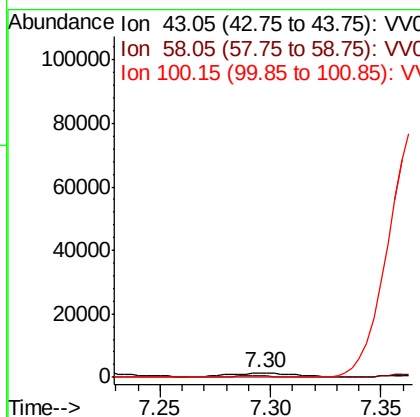
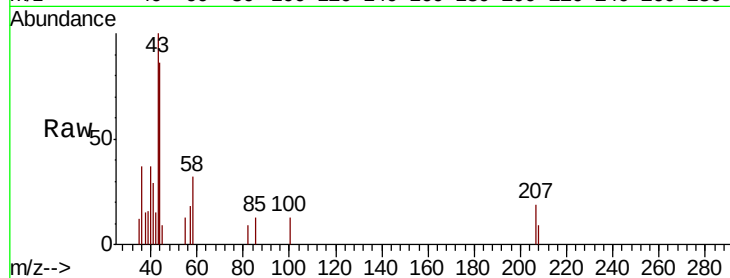




#40
4-Methyl-2-pentanone
Concen: 0.286 ug/L
RT: 7.30 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VV006924.D
Acq: 08 Aug 2018 03:31

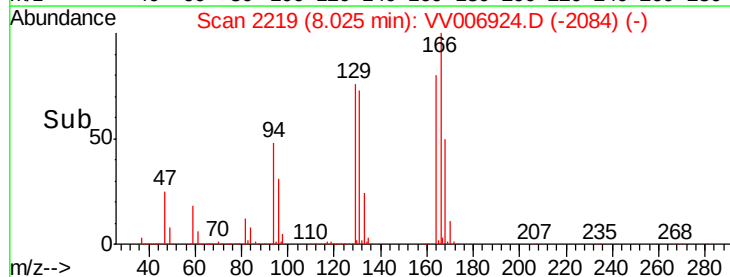
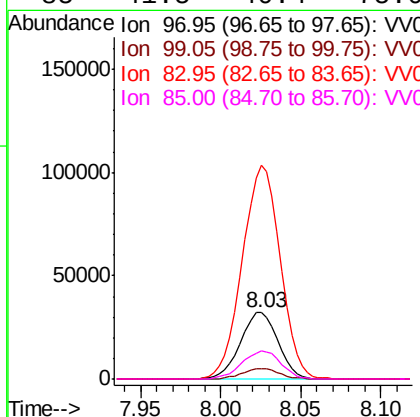
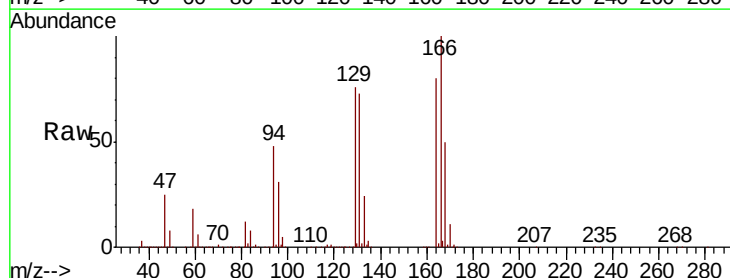
Instrument :
MSVOA_V
ClientSampled :

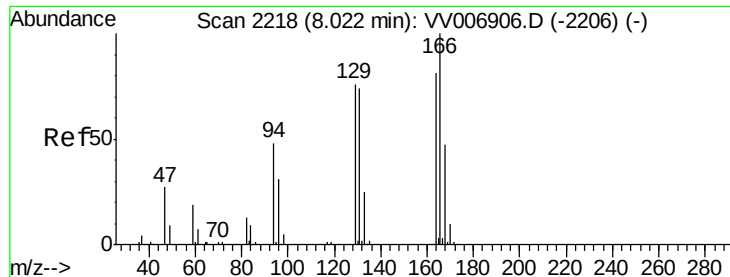
Tot Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 30.5 29.0 43.6
100 0.0 10.5 15.7#



#45
1,1,2-Trichloroethane
Concen: 5.005 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.13 min
Lab File: VV006924.D
Acq: 08 Aug 2018 03:31

Tgt Ion: 97 Resp: 51558
Ion Ratio Lower Upper
97 100
99 15.9 44.7 82.9#
83 321.0 62.4 116.0#
85 41.5 40.4 75.0

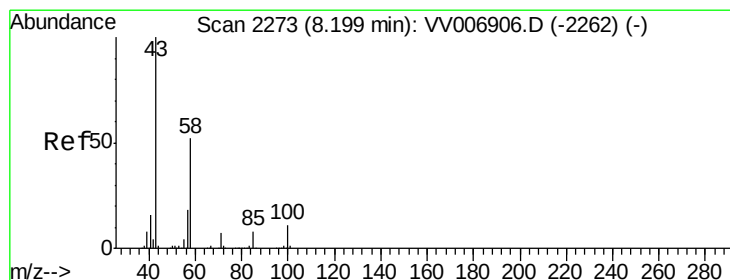
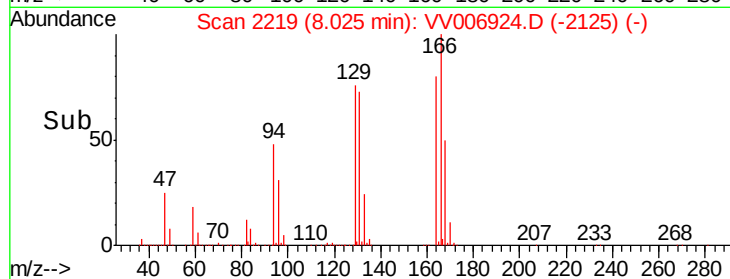
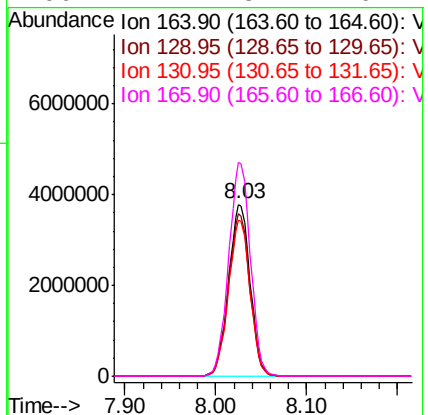
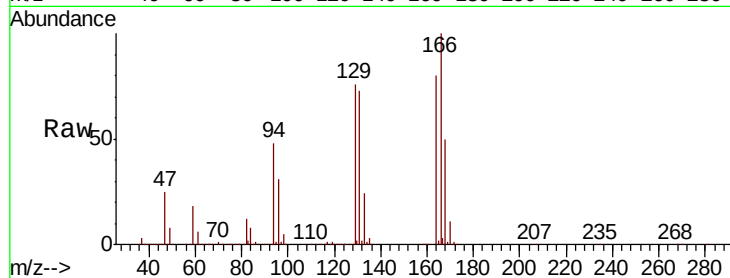




#47
Tetrachloroethene
Concen: 595.809 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VV006924.D
Acq: 08 Aug 2018 03:31

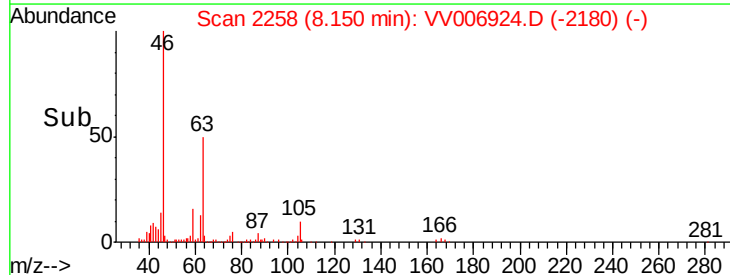
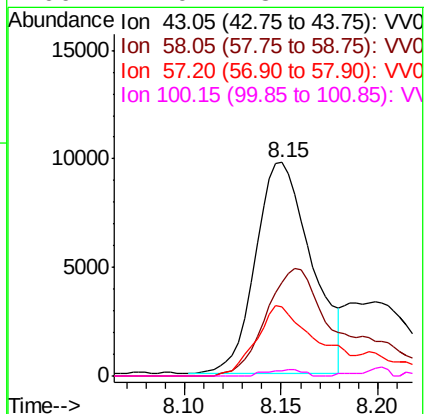
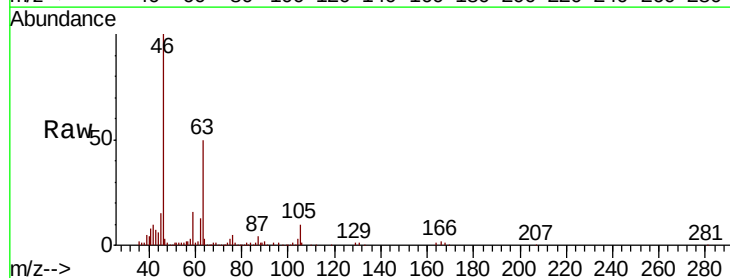
Instrument :
MSVOA_V
ClientSampled :

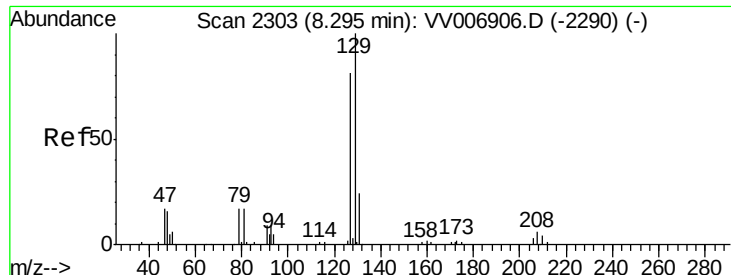
Tot Ion:164 Resp: 6231058
Ion Ratio Lower Upper
164 100
129 94.5 63.1 117.3
131 91.1 62.3 115.7
166 124.4 87.4 162.4



#48
2-Hexanone
Concen: 3.048 ug/L
RT: 8.15 min Scan# 2258
Delta R.T. -0.05 min
Lab File: VV006924.D
Acq: 08 Aug 2018 03:31

Tgt Ion: 43 Resp: 19538
Ion Ratio Lower Upper
43 100
58 71.5 42.0 63.0#
57 36.3 14.1 21.1#
100 2.0 8.1 12.1#





#49

Dibromochloromethane

Concen: 520.699 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

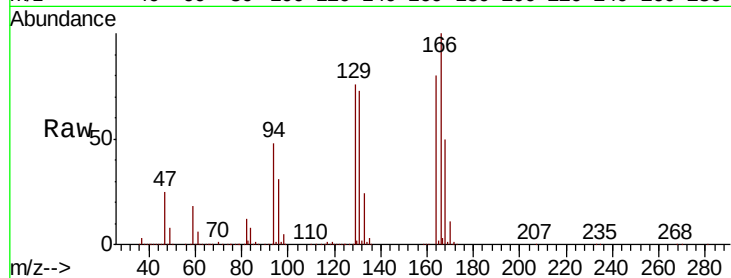
ClientSampleId :

Tot Ion:129 Resp: 5675044

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

