

Data File : VV008599.D
Acq On : 16 Nov 2018 22:57
Operator : SY/MD
Sample : J5988-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JF3

Quant Time: Nov 17 04:50:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34366	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	27935	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	52418	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	127290	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.41	84	89700	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	48685	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	184179	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	58831	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	166696	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	20784	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	100695	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	39478	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	56165	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.15	96	1551	0.216	ug/L #	1
13) Acetone	2.21	43	3363	2.624	ug/L	98
15) Methyl Acetate	2.39	43	6769	2.111	ug/L #	54
18) trans-1,2-Dichloroethene	2.79	96	896	0.115	ug/L	93
19) 1,1-Dichloroethane	3.23	63	1905	0.097	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	44175	3.761	ug/L	96
25) Chloroform	4.44	83	4228	0.170	ug/L	98
31) Carbon tetrachloride	4.88	117	3867	0.259	ug/L	98
34) Trichloroethene	5.96	95	111425	9.573	ug/L	98
35) Methylcyclohexane	6.12	83	13946	0.708	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6490	0.561	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1417	0.091	ug/L	91
47) Tetrachloroethene	8.02	164	5209	0.618	ug/L	96
48) 2-Hexanone	8.14	43	13398	2.930	ug/L #	75
49) Dibromochloromethane	8.02	129	4870	0.581	ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

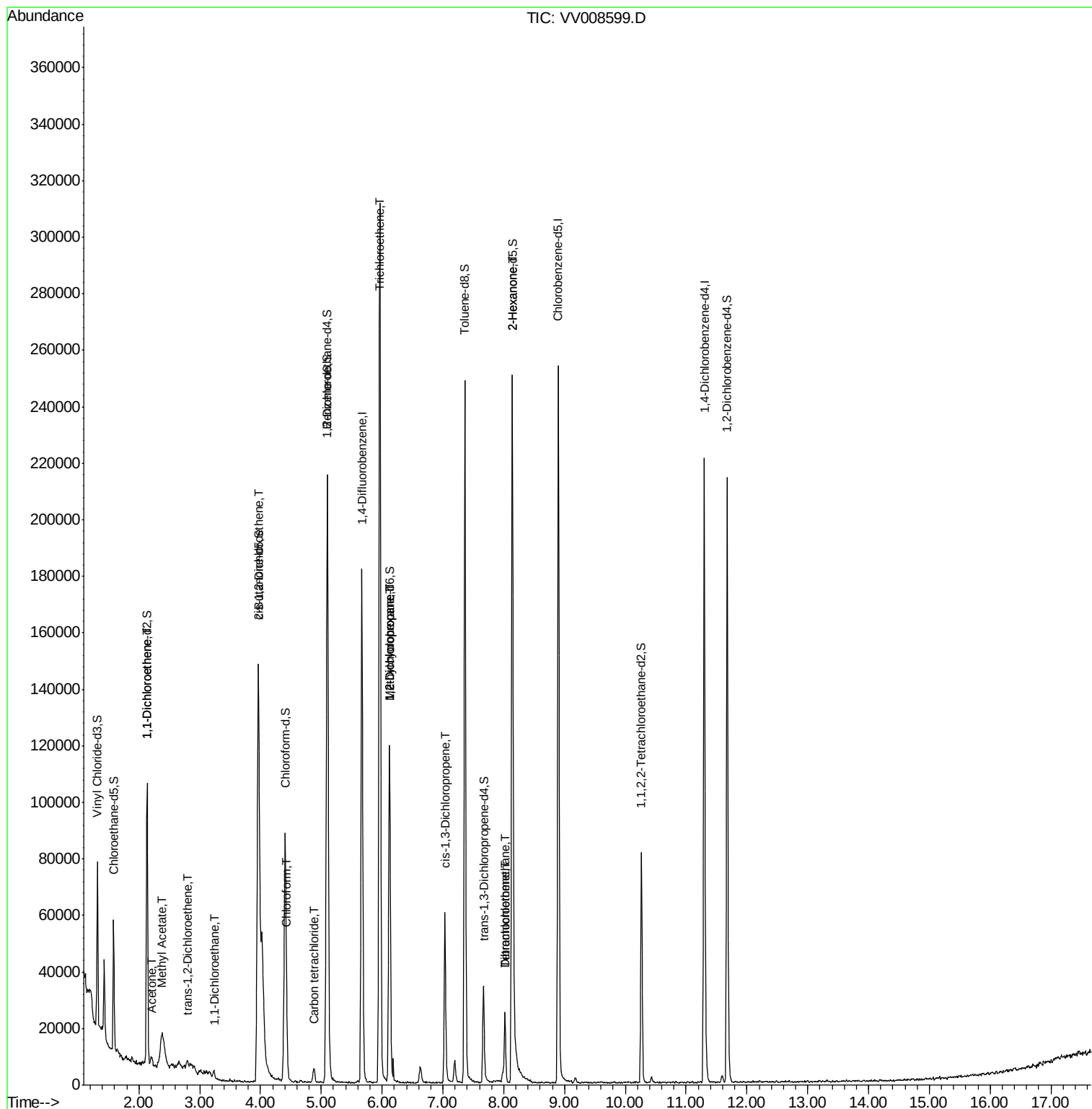
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

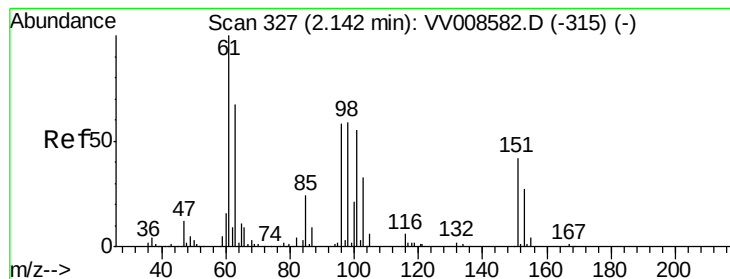
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.216 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0JF3

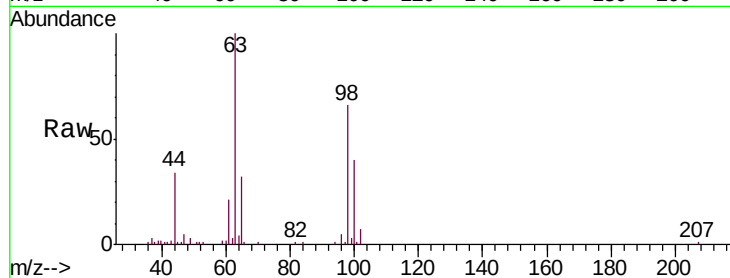
Tgt Ion: 96 Resp: 1551

Ion Ratio Lower Upper

96 100

61 398.1 120.3 223.5#

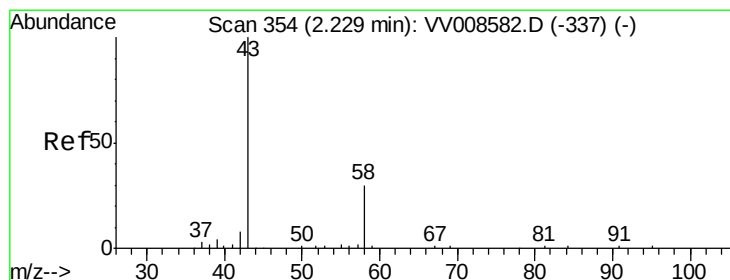
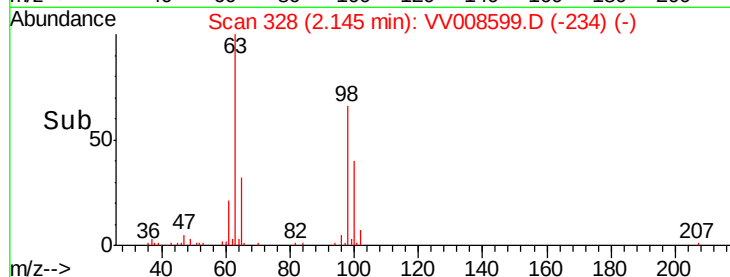
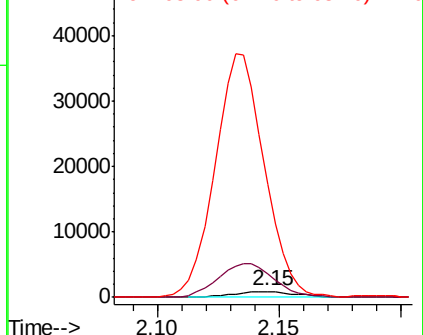
63 1939.5 82.5 153.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.624 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008599.D

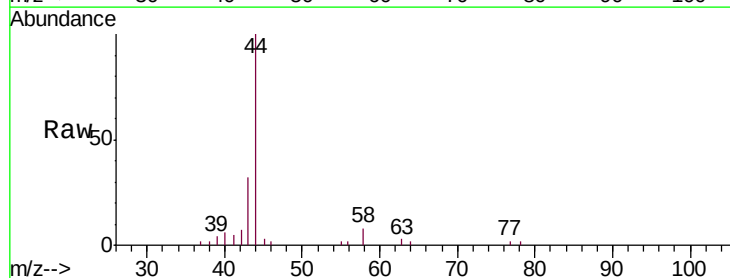
Acq: 16 Nov 2018 22:57

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

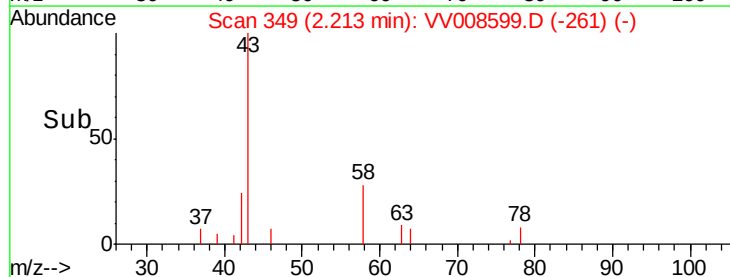
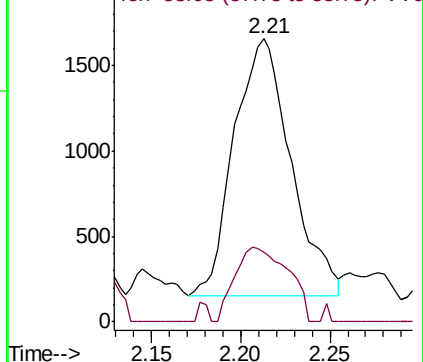
43 100

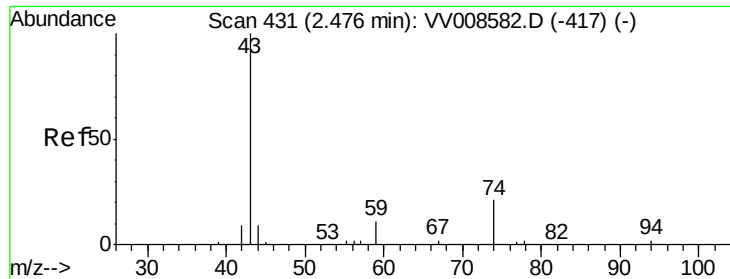
58 27.0 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

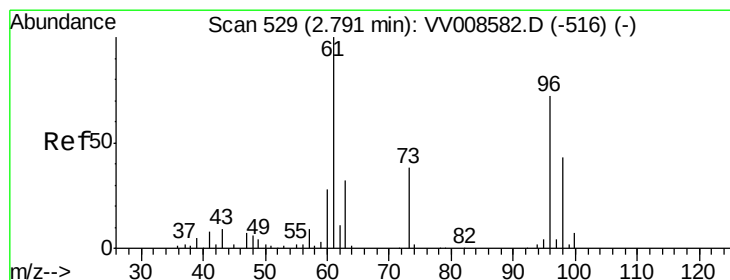
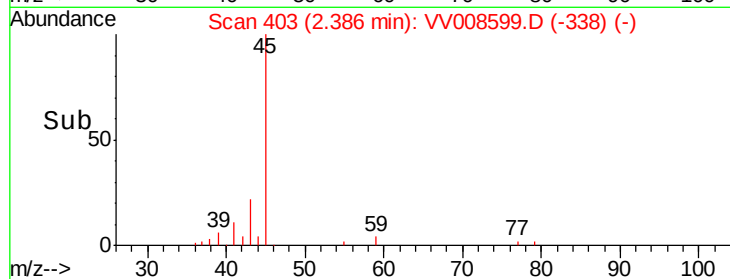
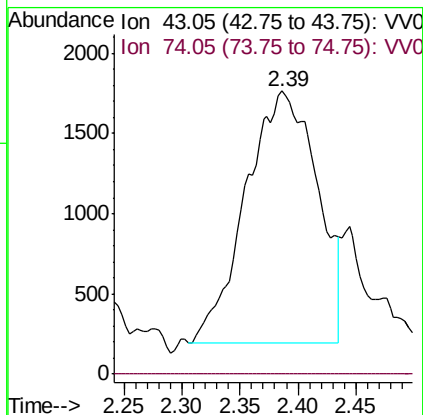
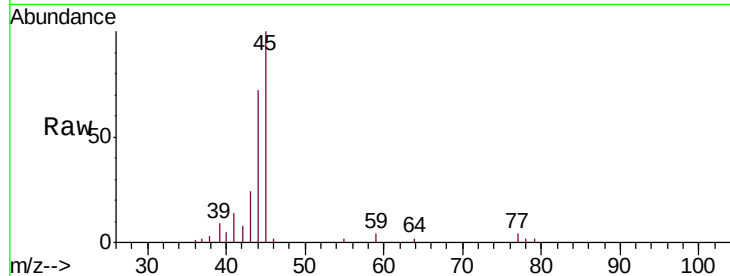




#15
Methyl Acetate
Concen: 2.111 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.09 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

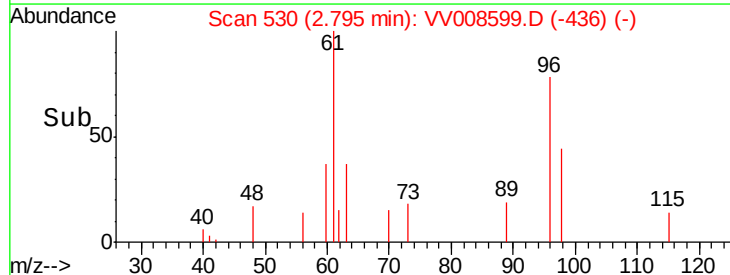
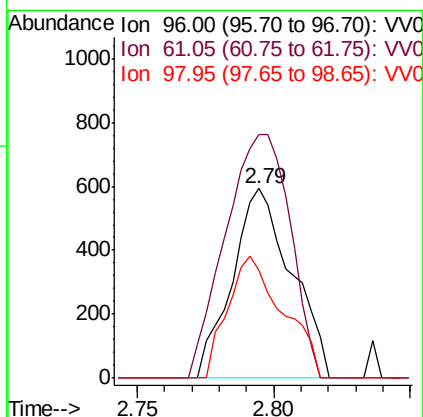
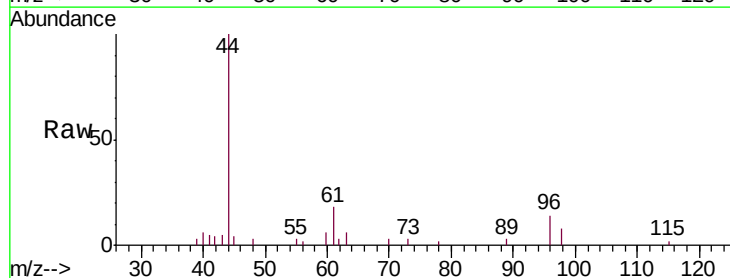
Instrument :
MSVOA_V
ClientSampleId :
C0JF3

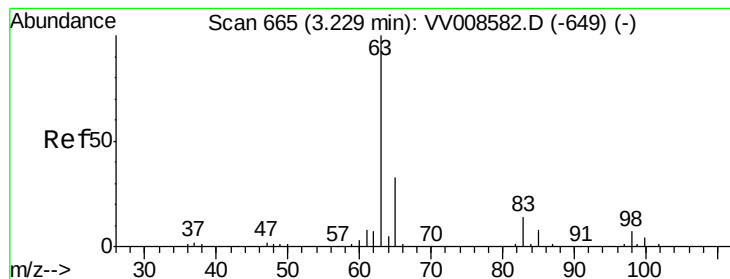
Tgt Ion: 43 Resp: 6769
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

Tgt Ion: 96 Resp: 896
Ion Ratio Lower Upper
96 100
61 128.3 97.1 180.3
98 56.6 41.9 77.7





#19

1,1-Dichloroethane

Concen: 0.097 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0JF3

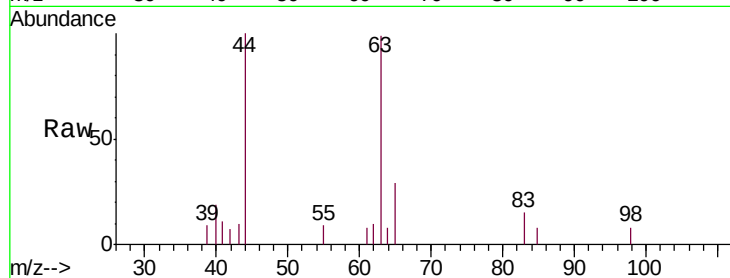
Tgt Ion: 63 Resp: 1905

Ion Ratio Lower Upper

63 100

65 29.5 23.2 43.0

83 15.0 9.5 17.7

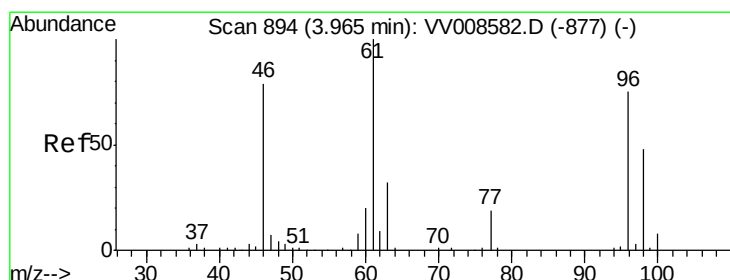
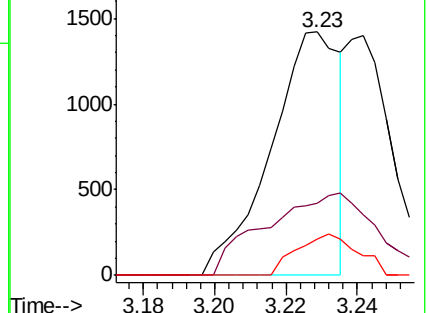
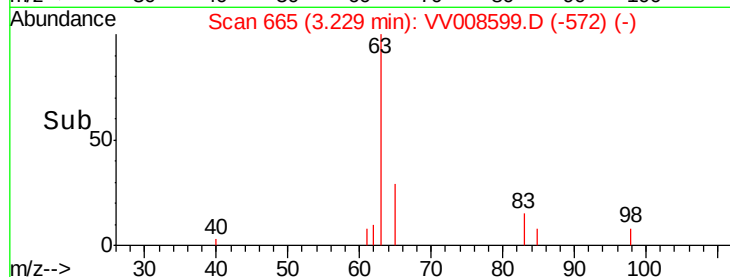


Abundance Ion 63.10 (62.80 to 63.80): VV008599.D (-572) (-)

Ion 65.10 (64.80 to 65.80): VV008599.D (-572) (-)

Ion 83.05 (82.75 to 83.75): VV008599.D (-572) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.761 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

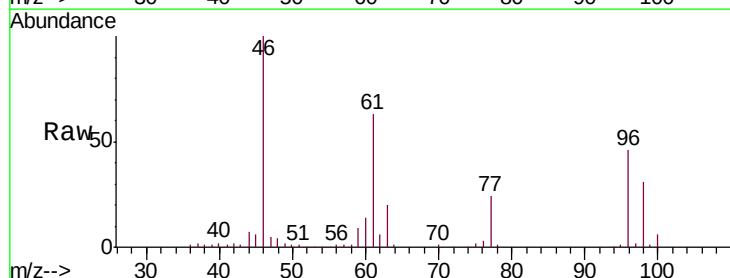
Tgt Ion: 96 Resp: 44175

Ion Ratio Lower Upper

96 100

61 137.7 93.2 173.2

68 0.0 0.0 0.0

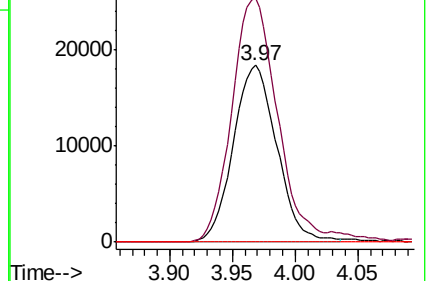
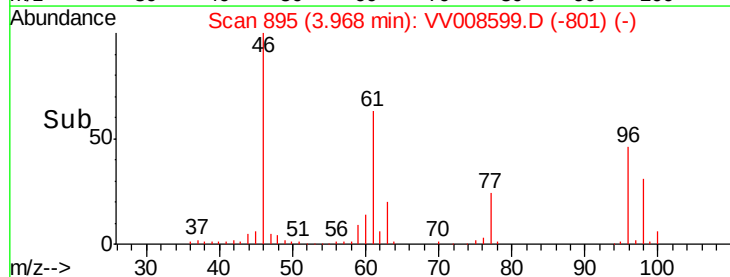


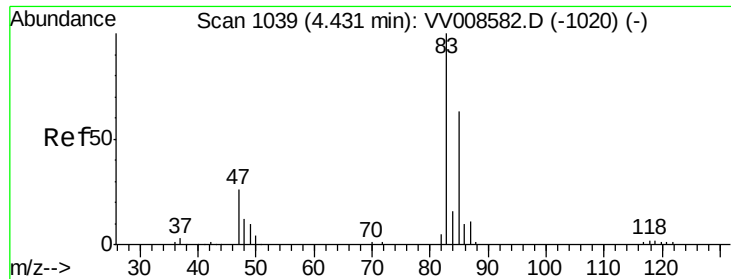
Abundance Ion 96.00 (95.70 to 96.70): VV008599.D (-801) (-)

Ion 61.05 (60.75 to 61.75): VV008599.D (-801) (-)

Ion 68.15 (67.85 to 68.85): VV008599.D (-801) (-)

Time-->

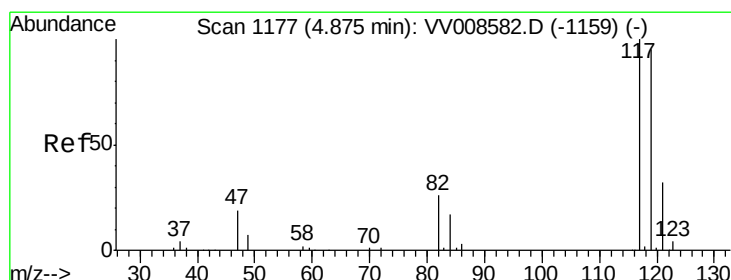
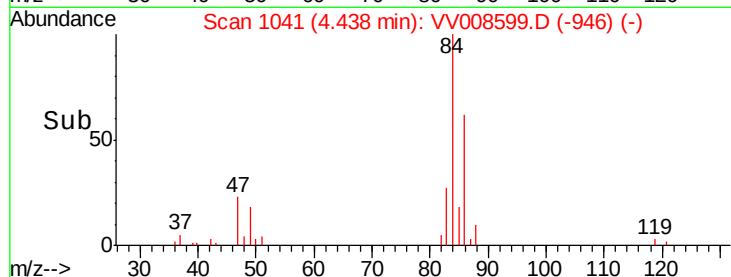
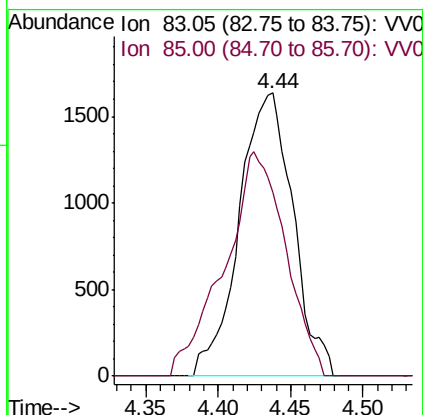
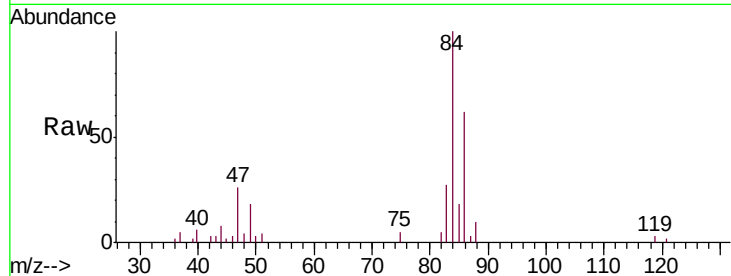




#25
Chloroform
Concen: 0.170 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

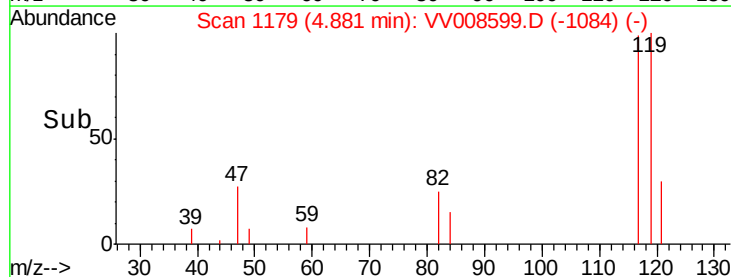
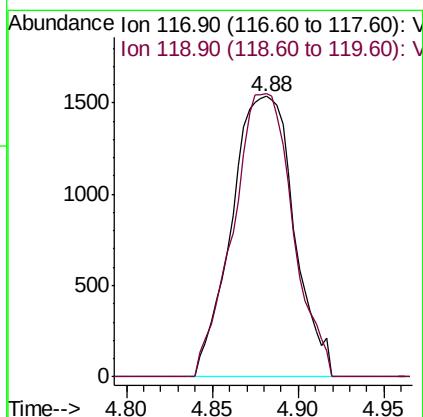
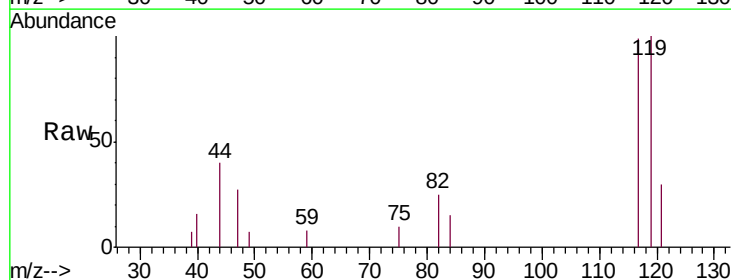
Instrument :
MSVOA_V
ClientSampled :
C0JF3

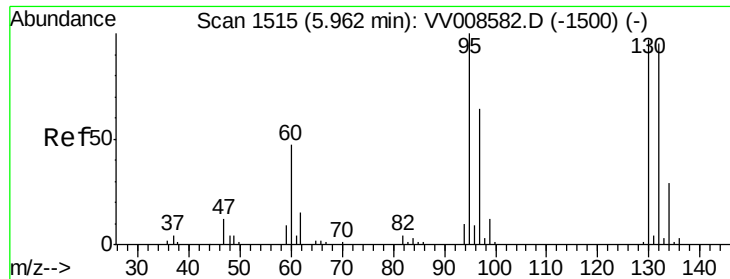
Tgt Ion: 83 Resp: 4228
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5



#31
Carbon tetrachloride
Concen: 0.259 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

Tgt Ion: 117 Resp: 3867
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8





#34

Trichloroethene

Concen: 9.573 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0JF3

Tgt Ion: 95 Resp: 111425

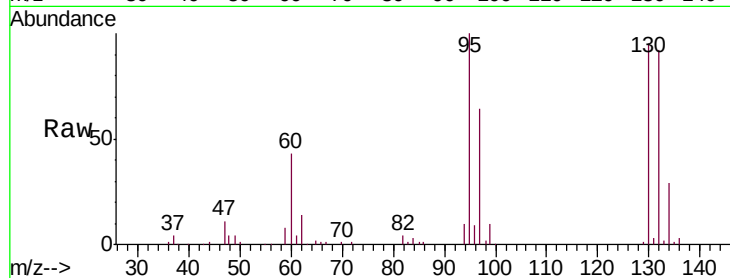
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.7

132 91.6 66.3 123.1

130 94.9 68.0 126.4

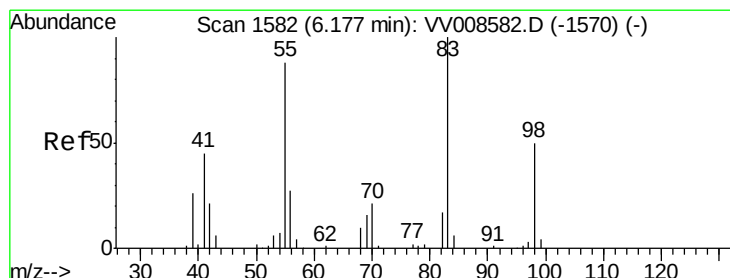
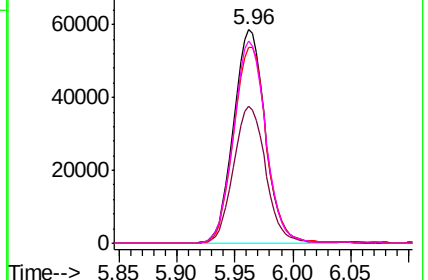
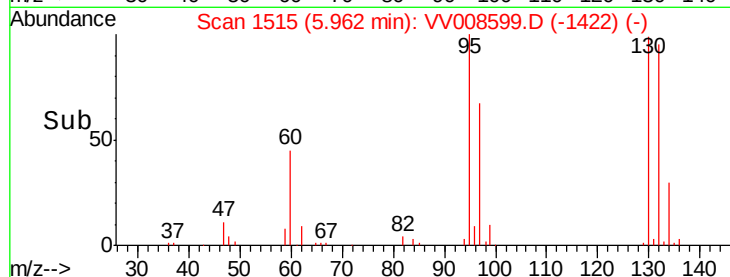


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

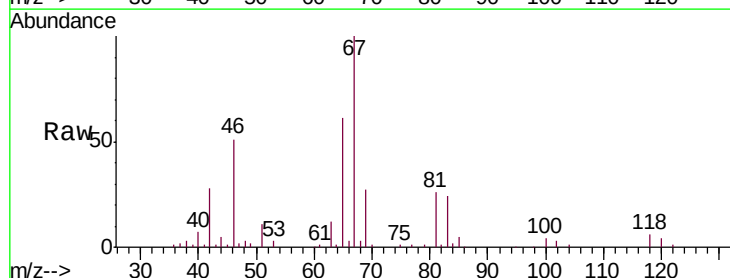
Tgt Ion: 83 Resp: 13946

Ion Ratio Lower Upper

83 100

55 0.5 65.6 98.4#

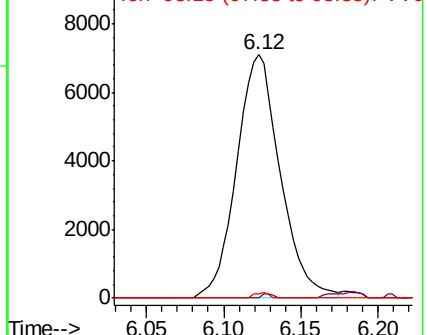
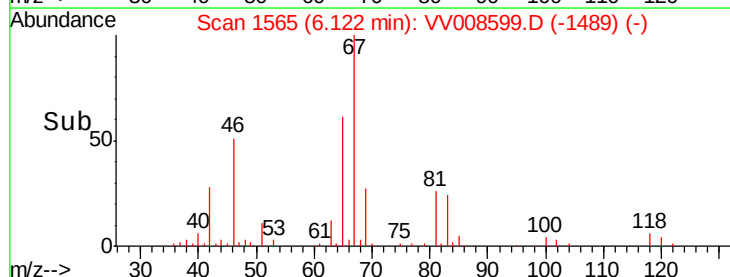
98 0.7 36.4 54.6#

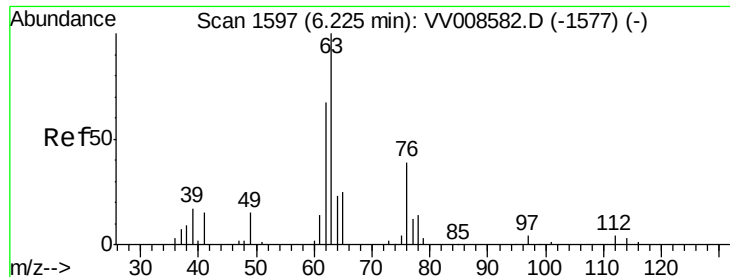


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

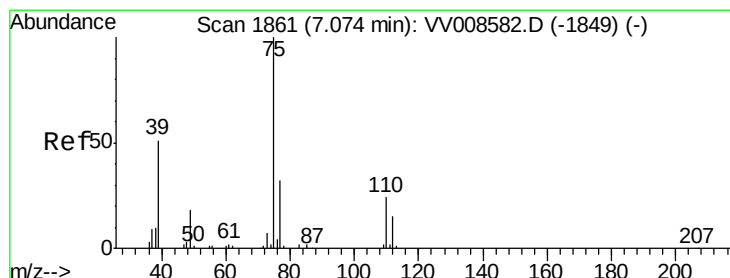
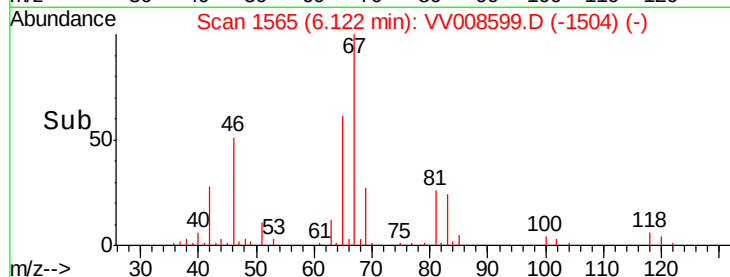
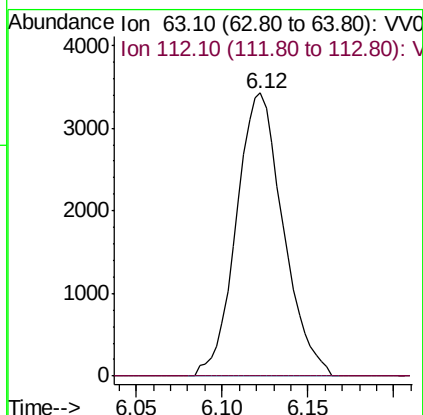
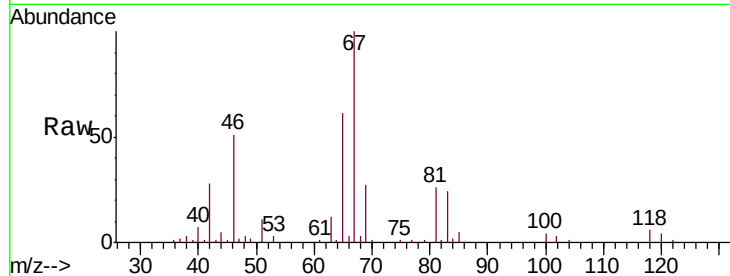




#37
 1,2-Dichloropropane
 Concen: 0.561 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008599.D
 Acq: 16 Nov 2018 22:57

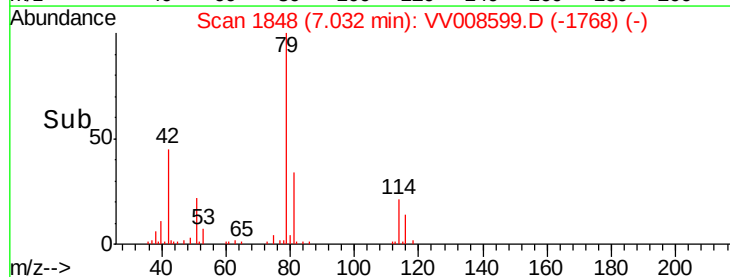
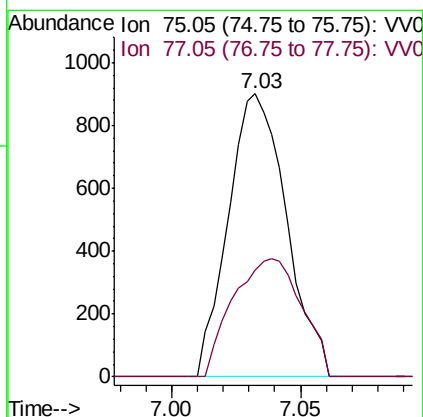
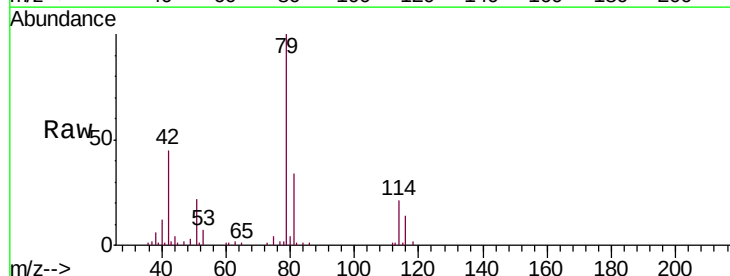
Instrument :
 MSVOA_V
 ClientSampleId :
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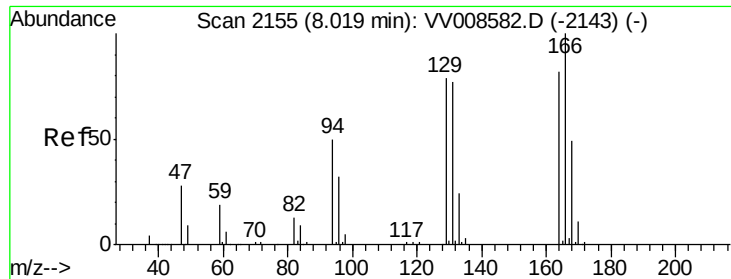
Tgt Ion: 63 Resp: 6490
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008599.D
 Acq: 16 Nov 2018 22:57

Tgt Ion: 75 Resp: 1417
 Ion Ratio Lower Upper
 75 100
 77 37.8 23.0 42.8

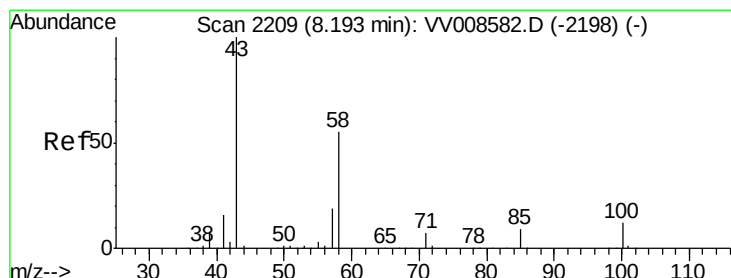
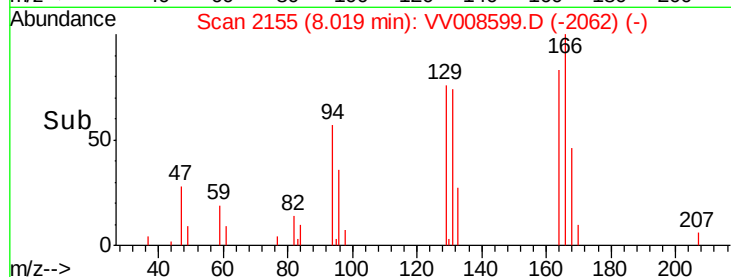
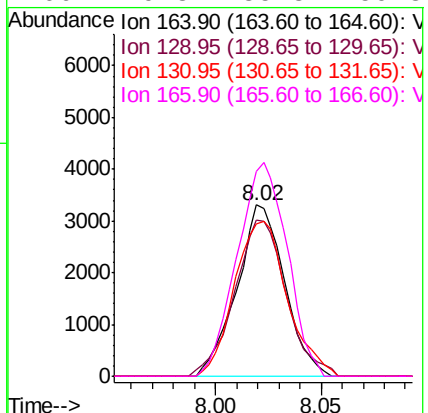
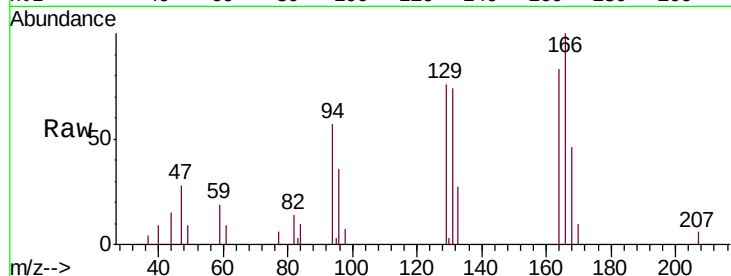




#47
Tetrachloroethene
Concen: 0.618 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

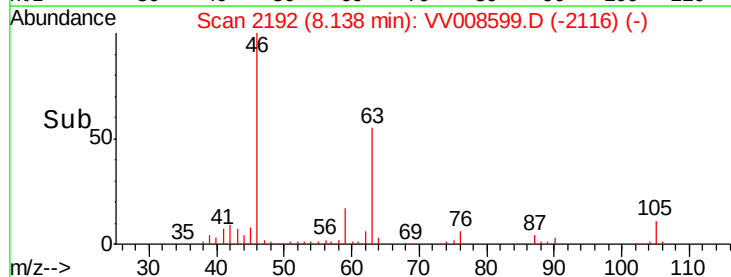
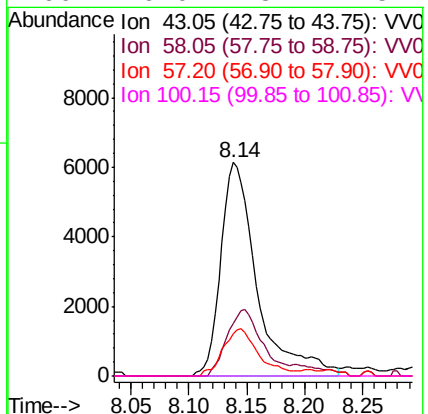
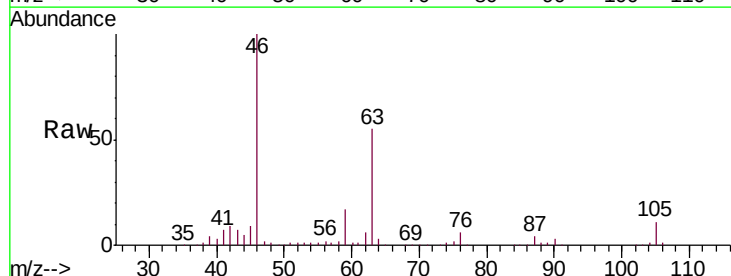
Instrument :
MSVOA_V
ClientSampleId :
C0JF3

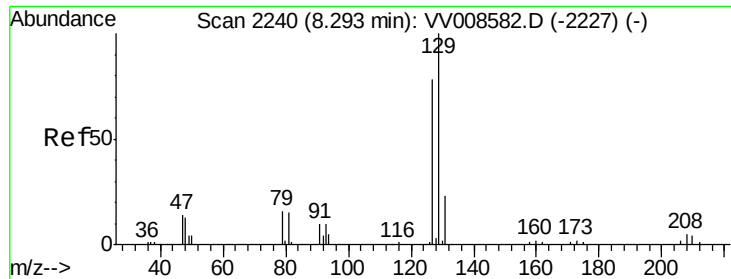
Tgt Ion:	164	Resp:	5209
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.5	125.4
131	88.9	66.4	123.4
166	119.8	85.8	159.3



#48
2-Hexanone
Concen: 2.930 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

Tgt Ion:	43	Resp:	13398
Ion	Ratio	Lower	Upper
43	100		
58	29.9	41.8	62.8#
57	21.6	15.4	23.0
100	0.0	8.7	13.1#





#49

Dibromochloromethane

Concen: 0.581 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

ClientSampleId :

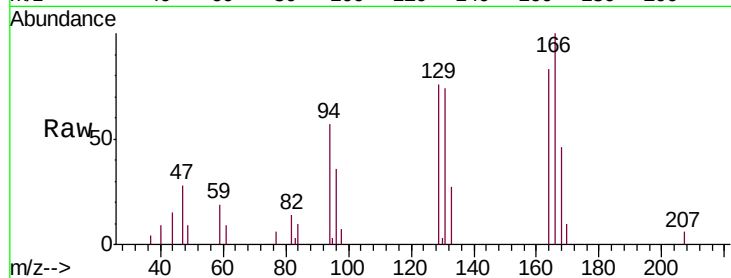
C0JF3

Tgt Ion:129 Resp: 4870

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

