

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006942.D
 Acq On : 08 Aug 2018 18:58
 Operator : SY/MD
 Sample : J4357-16DL 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:08:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200974	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52895	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	55373	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	82798	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.98	46	248237	64.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.12%
24) Chloroform-d	4.41	84	140714	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.09	65	77365	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.10	84	257424	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	93913	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.37	98	186941	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	28052	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.15	63	130108	54.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74572	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	68560	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

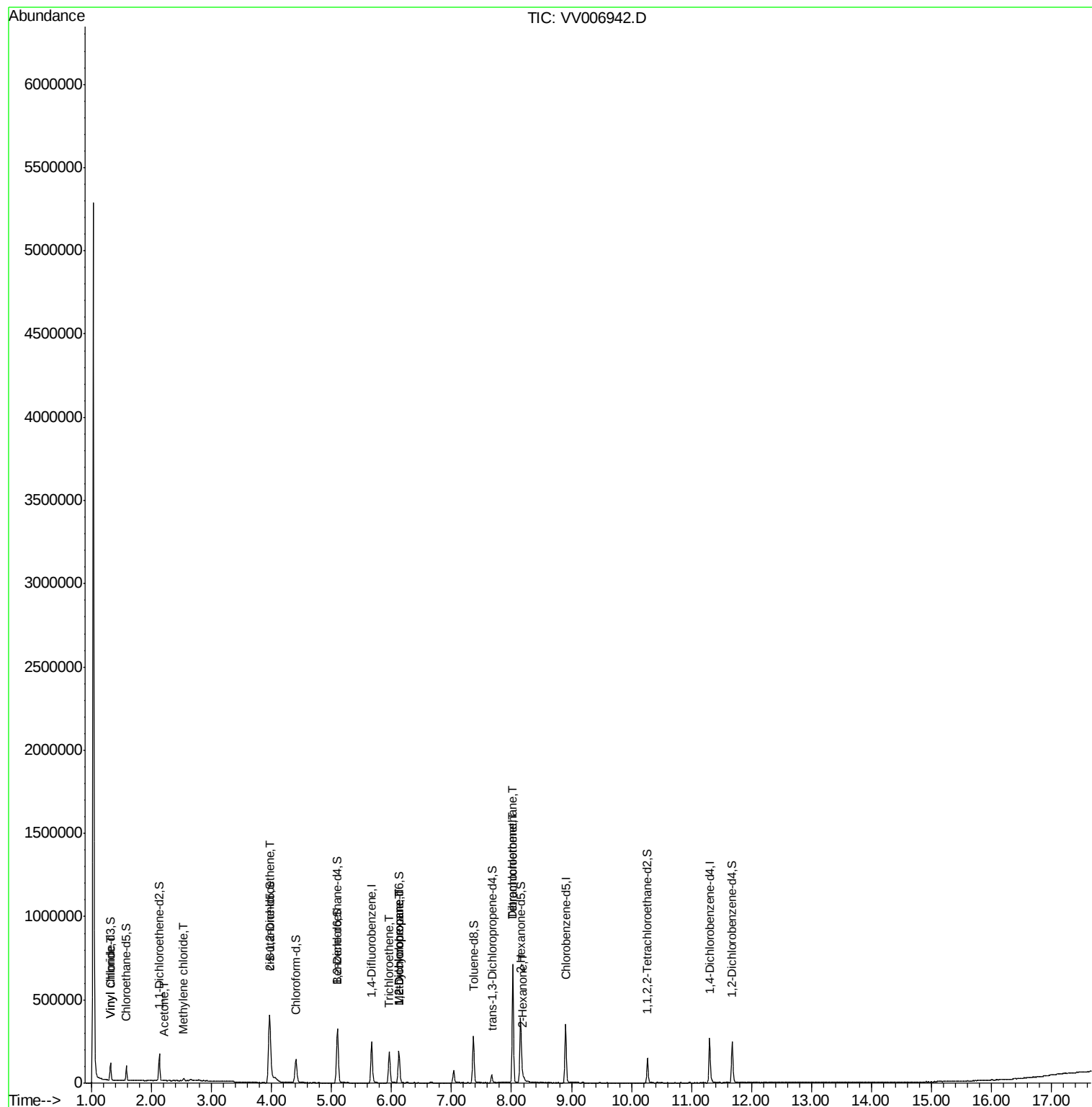
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	17824	0.943	ug/L	89
13) Acetone	2.21	43	1692	0.674	ug/L	82
16) Methylene chloride	2.54	84	6396	0.370	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	160439	11.108	ug/L	98
34) Trichloroethene	5.96	95	64786	4.555	ug/L	96
35) Methylcyclohexane	6.12	83	22561	1.022	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9845	0.580	ug/L #	89
47) Tetrachloroethene	8.02	164	157707	14.574	ug/L	97
48) 2-Hexanone	8.20	43	6917	1.043	ug/L #	45
49) Dibromochloromethane	8.02	129	138630	12.293	ug/L #	9

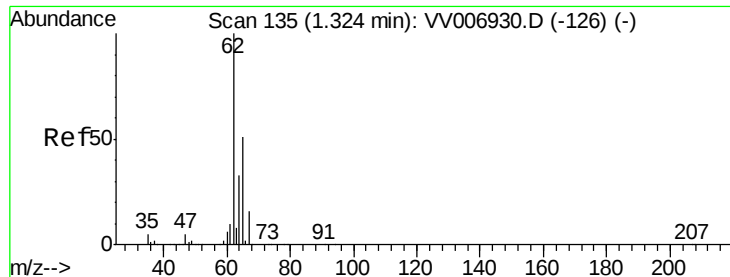
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.943 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006942.D

Acq: 08 Aug 2018 18:58

Instrument :

MSVOA_V

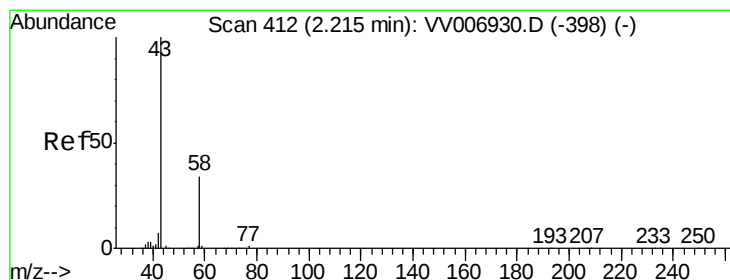
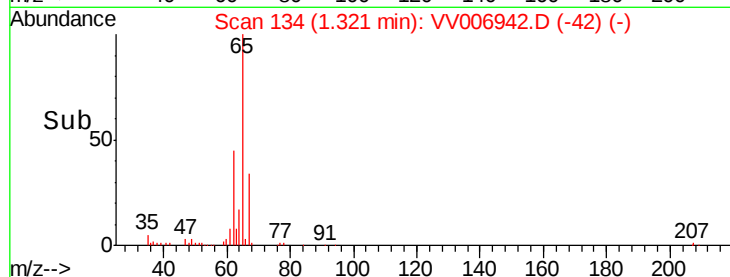
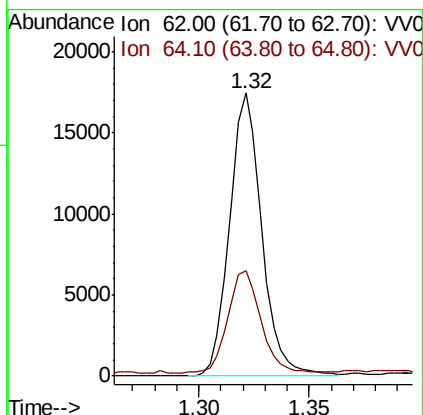
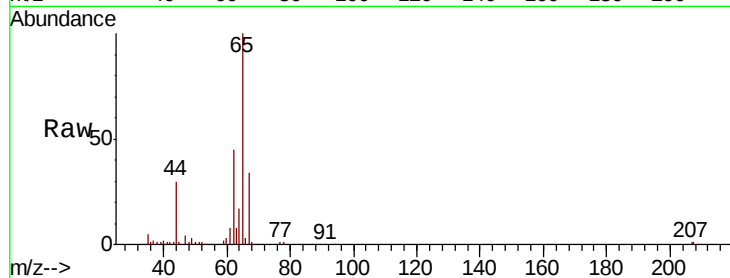
ClientSampleId :

Tot Ion: 62 Resp: 17824

Ion Ratio Lower Upper

62 100

64 37.4 22.1 41.1



#13

Acetone

Concen: 0.674 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.00 min

Lab File: VV006942.D

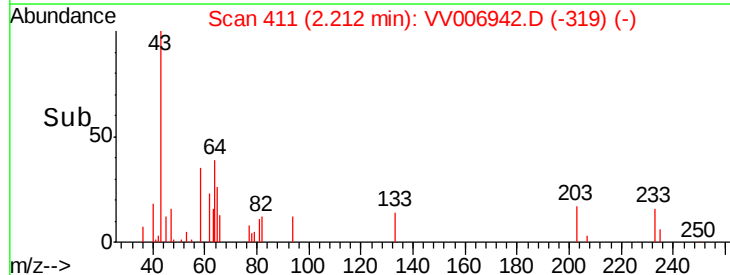
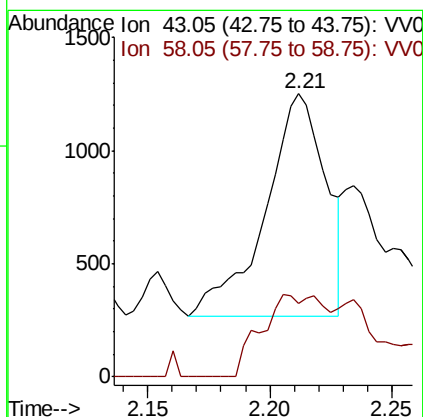
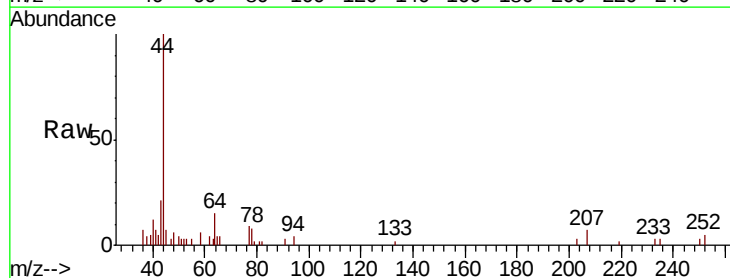
Acq: 08 Aug 2018 18:58

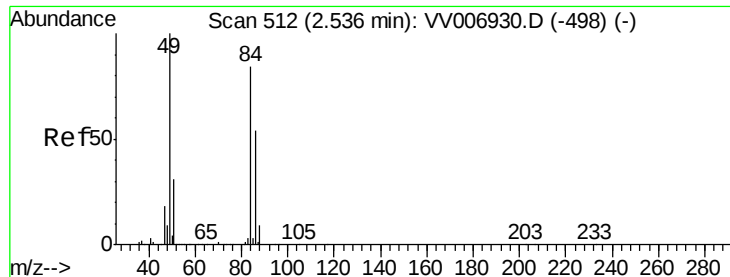
Tgt Ion: 43 Resp: 1692

Ion Ratio Lower Upper

43 100

58 23.9 0.0 68.0

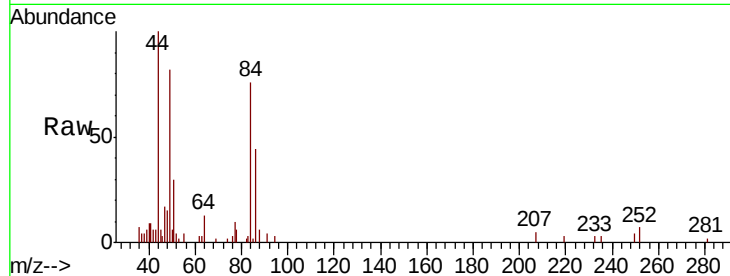




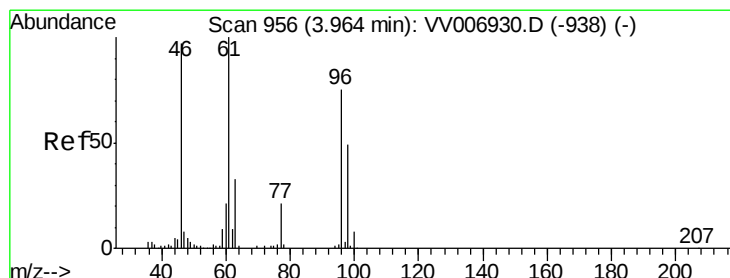
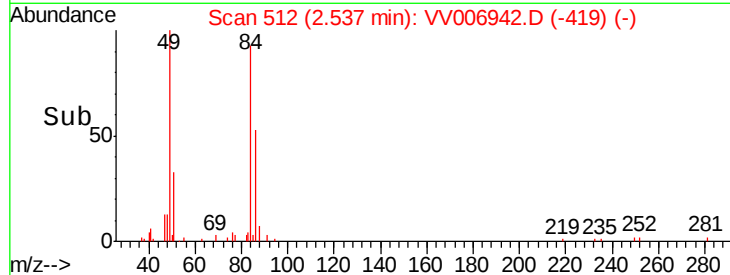
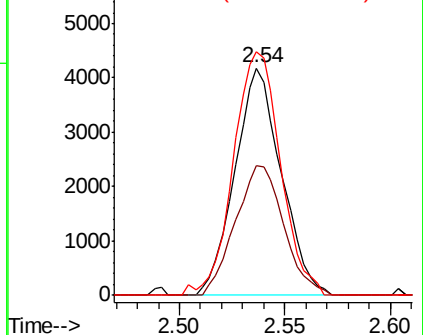
#16
Methvlene chloride
Concen: 0.370 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006942.D
Acq: 08 Aug 2018 18:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 6396
Ion Ratio Lower Upper
84 100
86 57.2 43.6 81.0
49 107.1 88.6 164.6

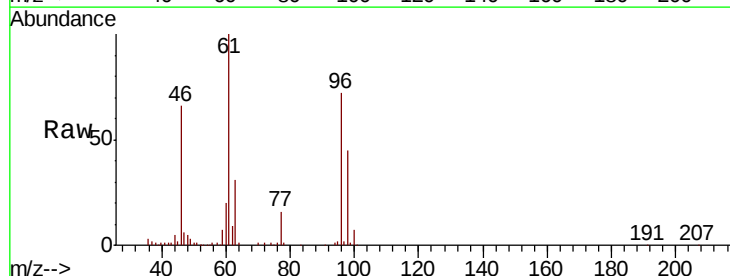


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

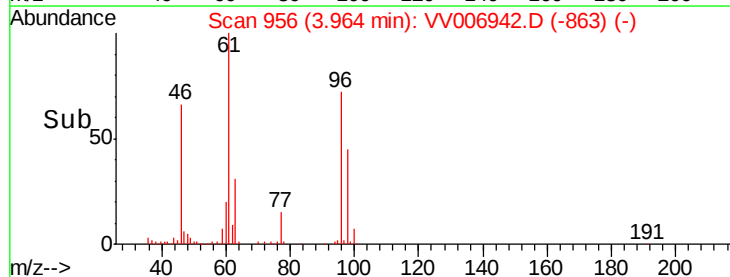
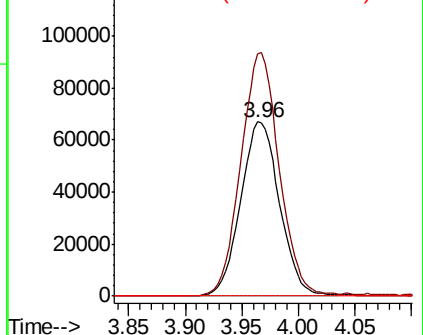


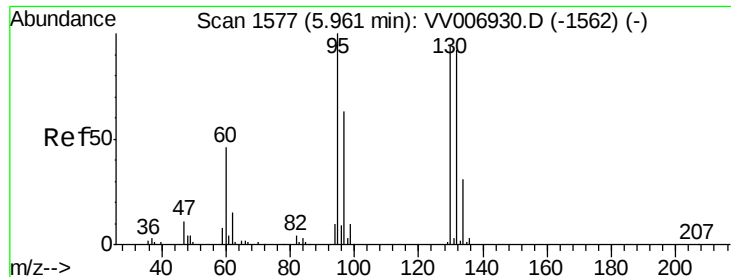
#22
cis-1,2-Dichloroethene
Concen: 11.108 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006942.D
Acq: 08 Aug 2018 18:58

Tgt Ion: 96 Resp: 160439
Ion Ratio Lower Upper
96 100
61 139.1 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

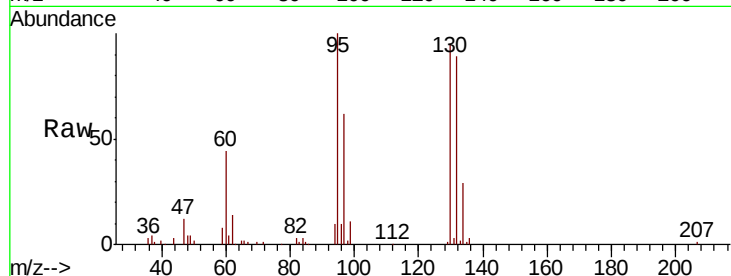




#34
 Trichloroethene
 Concen: 4.555 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006942.D
 Acq: 08 Aug 2018 18:58

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	95	Resp	64786
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.4
132	89.4	65.6	121.8
130	94.7	68.8	127.8



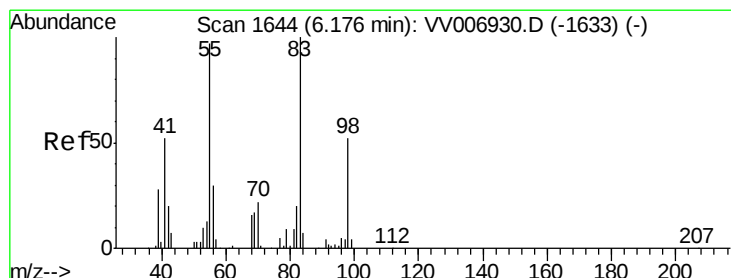
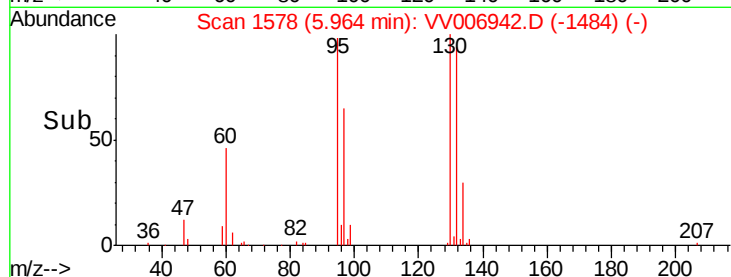
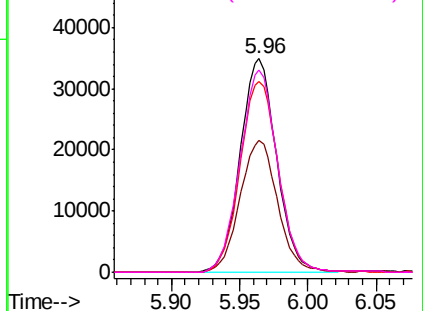
Abundance

Ion 95.00 (94.70 to 95.70): VV006942.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006942.D (-1562) (-)

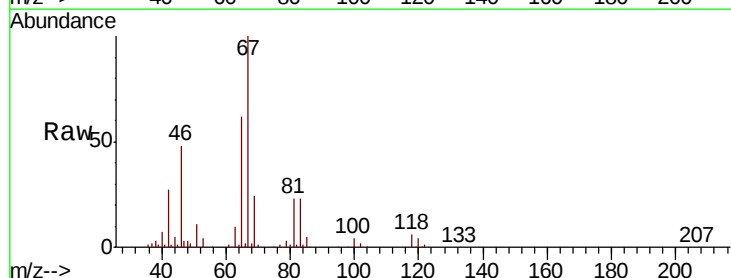
Ion 131.95 (131.65 to 132.65): VV006942.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006942.D (-1562) (-)



#35
 Methylcyclohexane
 Concen: 1.022 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006942.D
 Acq: 08 Aug 2018 18:58

Tgt Ion	83	Resp	22561
Ion	Ratio	Lower	Upper
83	100		
55	0.2	69.8	104.8#
98	0.3	36.4	54.6#

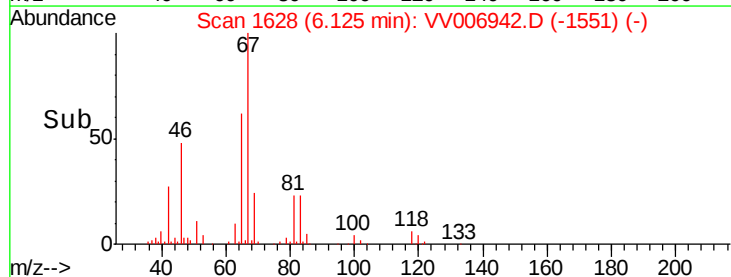
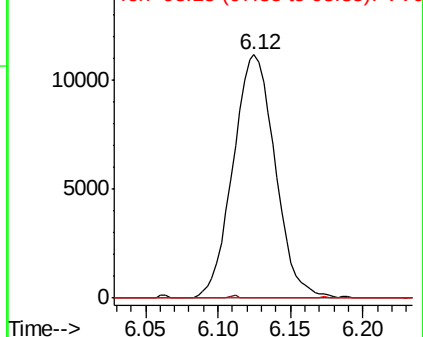


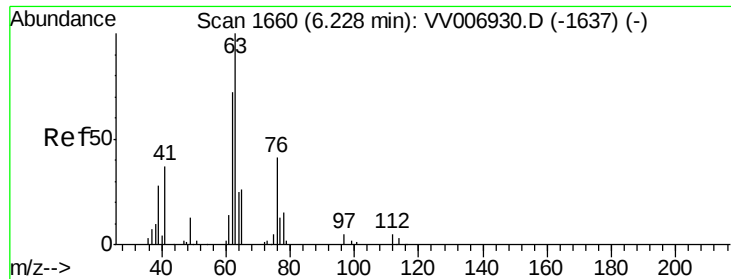
Abundance

Ion 83.15 (82.85 to 83.85): VV006942.D (-1551) (-)

Ion 55.10 (54.80 to 55.80): VV006942.D (-1551) (-)

Ion 98.15 (97.85 to 98.85): VV006942.D (-1551) (-)





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006942.D

Acq: 08 Aug 2018 18:58

Instrument :

MSVOA_V

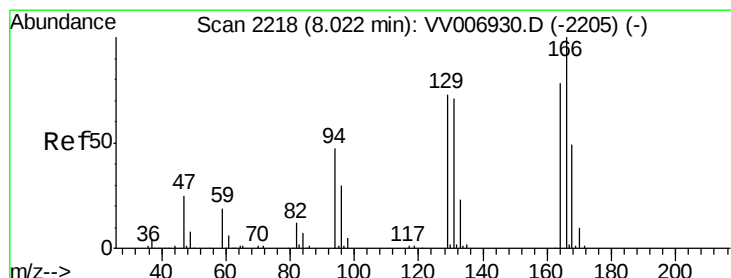
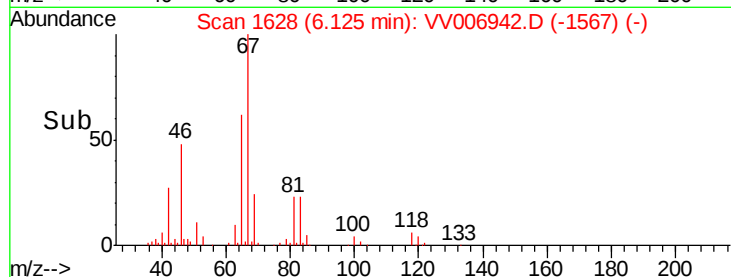
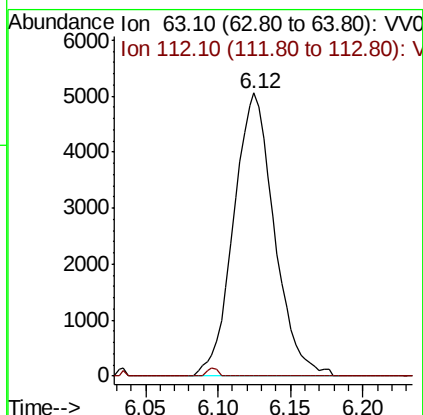
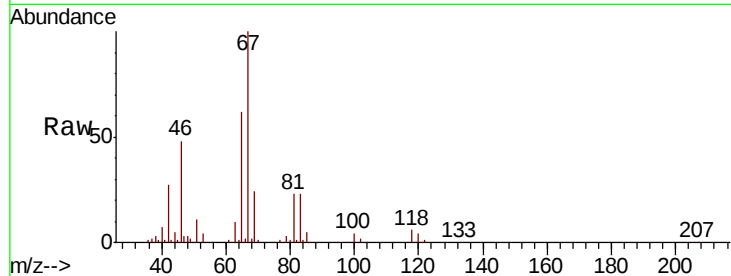
ClientSampleId :

Tot Ion: 63 Resp: 9845

Ion Ratio Lower Upper

63 100

112 0.7 3.5 5.3#



#47

Tetrachloroethene

Concen: 14.574 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006942.D

Acq: 08 Aug 2018 18:58

Tgt Ion: 164 Resp: 157707

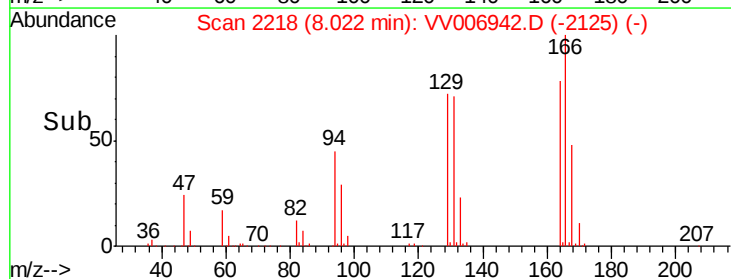
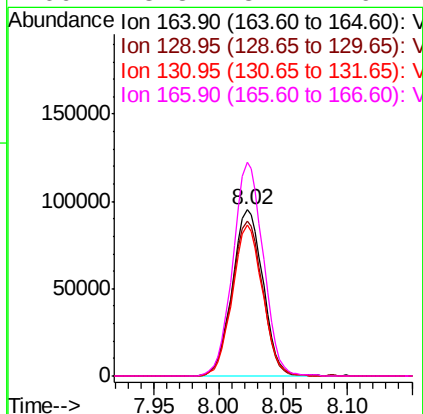
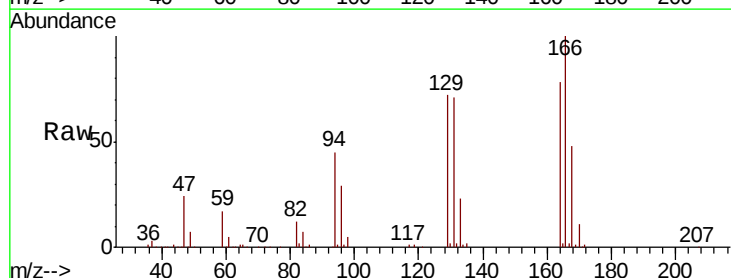
Ion Ratio Lower Upper

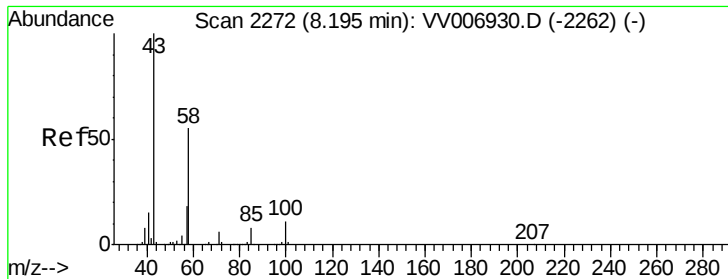
164 100

129 93.2 63.1 117.3

131 90.8 62.3 115.7

166 128.8 87.4 162.4

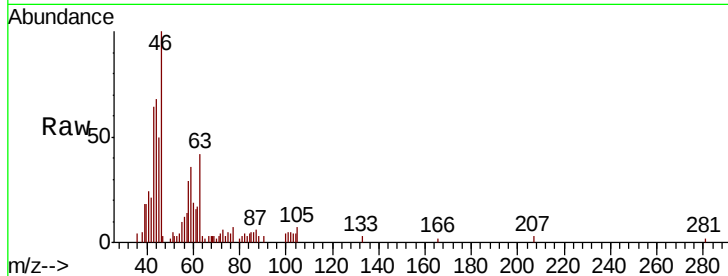




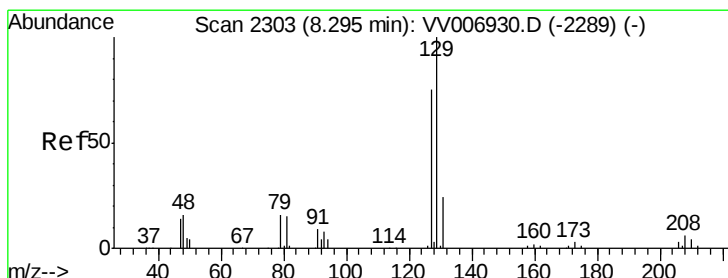
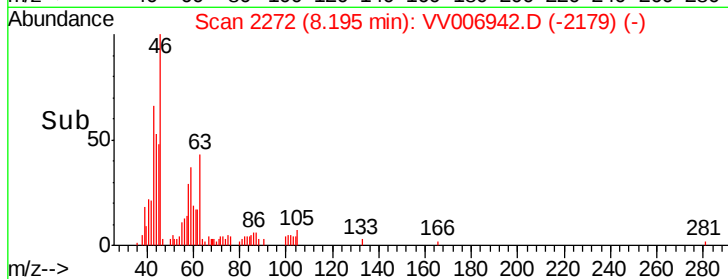
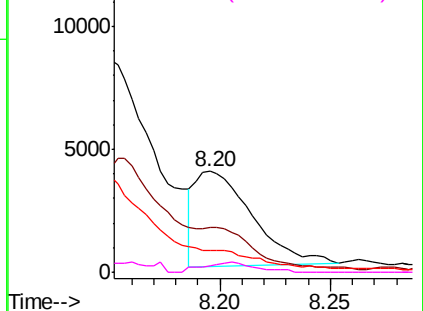
#48
2-Hexanone
Concen: 1.043 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006942.D
Acq: 08 Aug 2018 18:58

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6917
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 4.3 14.1 21.1#
100 9.7 8.1 12.1

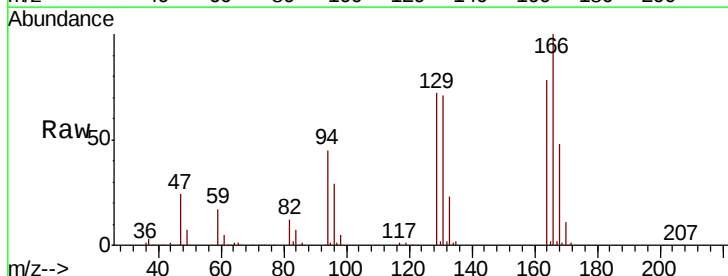


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#49
Dibromochloromethane
Concen: 12.293 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006942.D
Acq: 08 Aug 2018 18:58

Tgt Ion: 129 Resp: 138630
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

