

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006943.D
 Acq On : 08 Aug 2018 19:25
 Operator : SY/MD
 Sample : J4357-19DL 5X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:08:37 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	197330	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51845	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	53298	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	79360	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.98	46	239410	63.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.82%
24) Chloroform-d	4.40	84	135333	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.09	65	73615	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	248557	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	90689	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.37	98	178432	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	26550	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.15	63	116020	50.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72591	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	66785	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

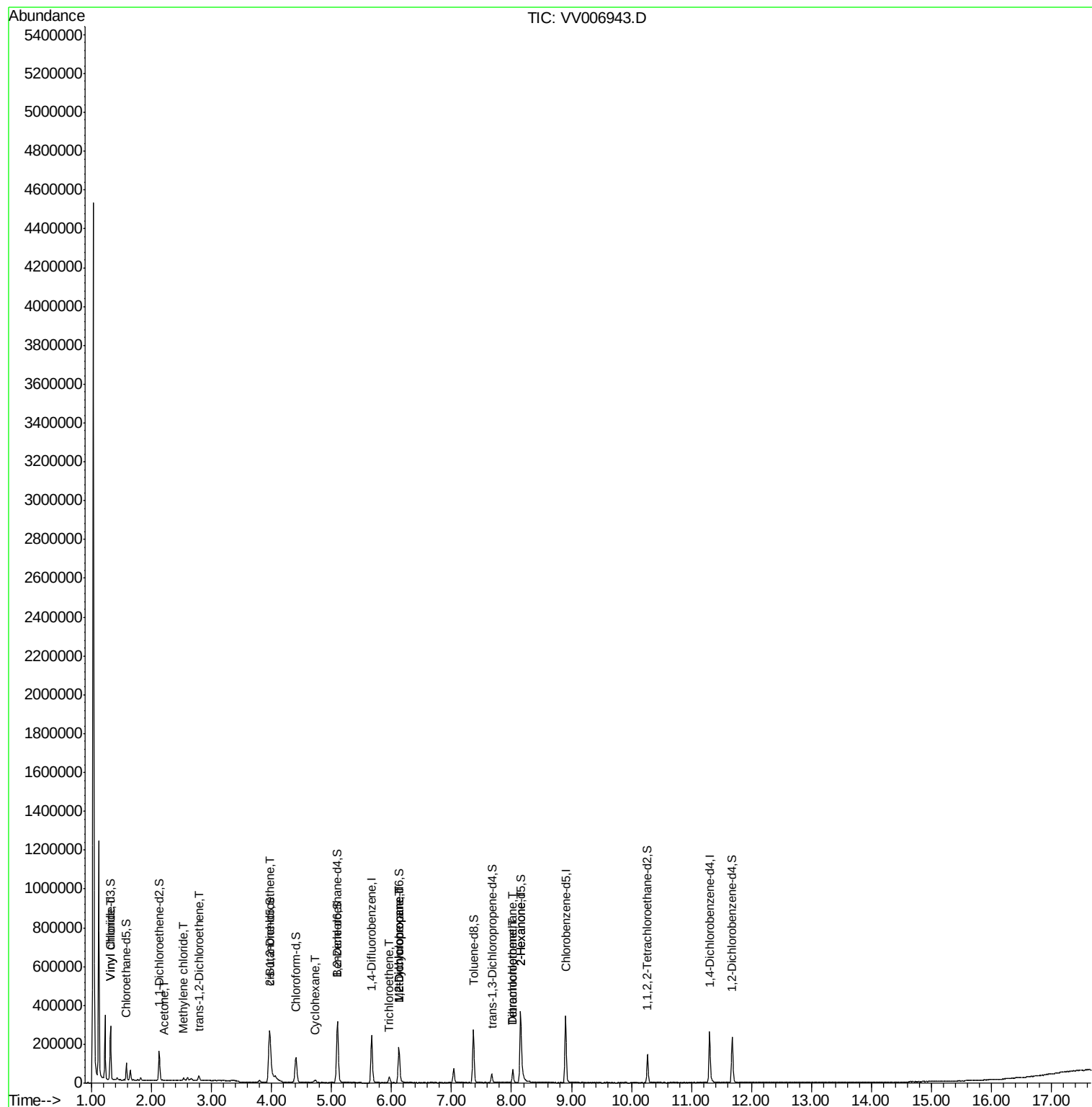
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	16798	0.906	ug/L	89
13) Acetone	2.22	43	1348	0.547	ug/L	90
16) Methylene chloride	2.54	84	4578	0.270	ug/L	92
18) trans-1,2-Dichloroethene	2.79	96	8001	0.564	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	95551	6.738	ug/L	100
30) Cyclohexane	4.72	56	6606	0.290	ug/L #	89
34) Trichloroethene	5.96	95	10081	0.729	ug/L	98
35) Methylcyclohexane	6.12	83	20850	0.971	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	9384	0.568	ug/L #	88
47) Tetrachloroethene	8.02	164	13900	1.321	ug/L	92
48) 2-Hexanone	8.15	43	18905	2.931	ug/L #	76
49) Dibromochloromethane	8.02	129	12981	1.184	ug/L #	9

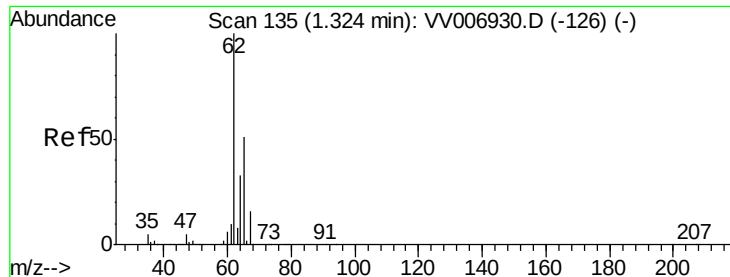
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.906 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

Instrument :

MSVOA_V

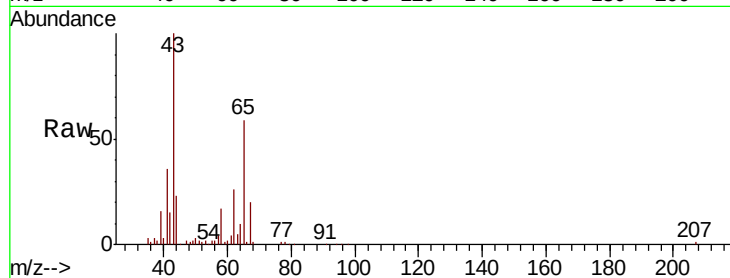
ClientSampleId :

Tot Ion: 62 Resp: 16798

Ion Ratio Lower Upper

62 100

64 37.9 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

15000

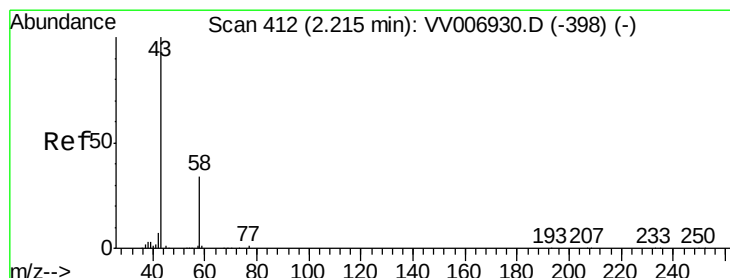
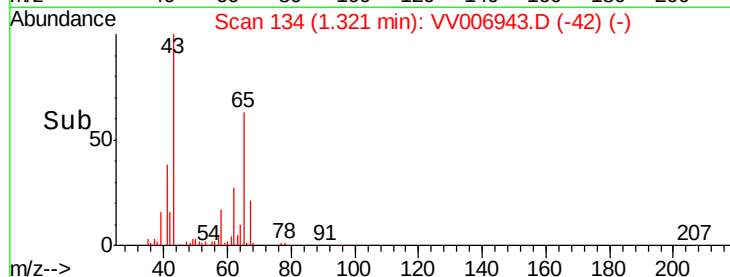
10000

5000

0

1.30 1.35

Time-->



#13

Acetone

Concen: 0.547 ug/L

RT: 2.22 min Scan# 412

Delta R.T. 0.00 min

Lab File: VV006943.D

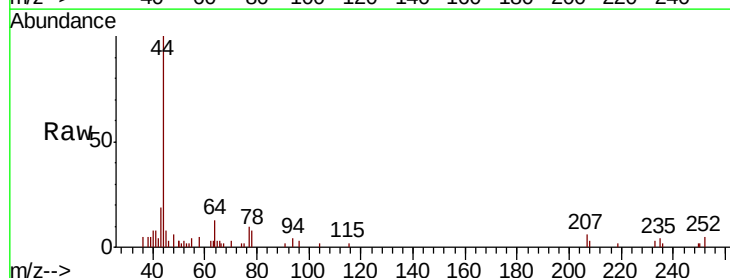
Acq: 08 Aug 2018 19:25

Tgt Ion: 43 Resp: 1348

Ion Ratio Lower Upper

43 100

58 28.3 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

1200

1000

800

600

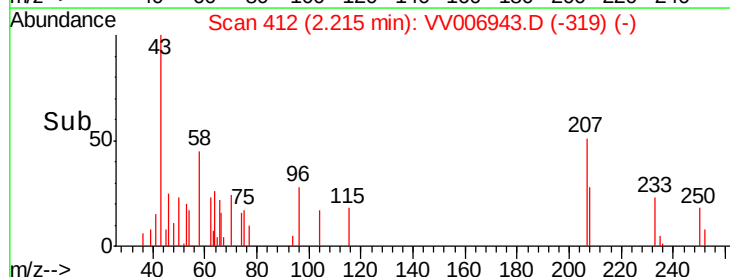
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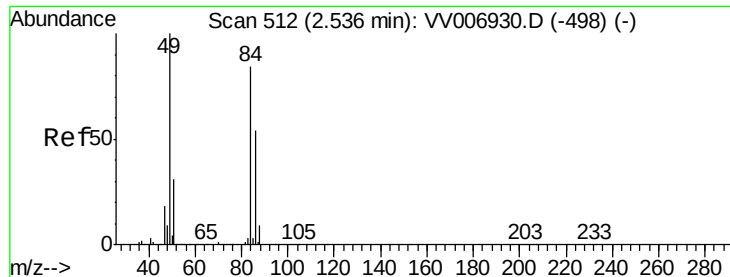
200

0

2.20 2.25

Time-->

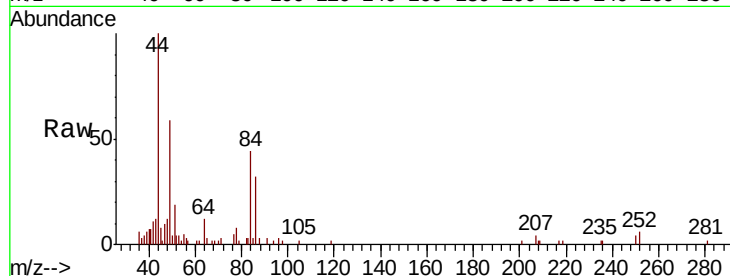




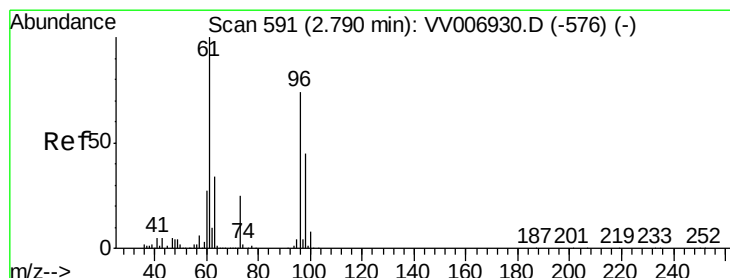
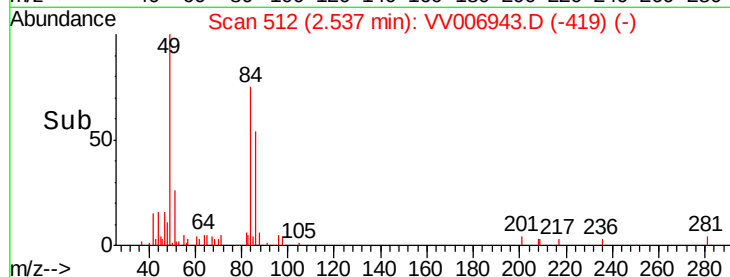
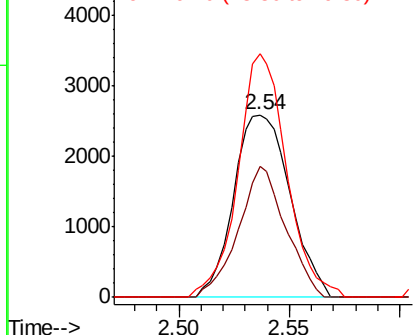
#16
Methylene chloride
Concen: 0.270 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 4578
Ion Ratio Lower Upper
84 100
86 72.0 43.6 81.0
49 133.3 88.6 164.6

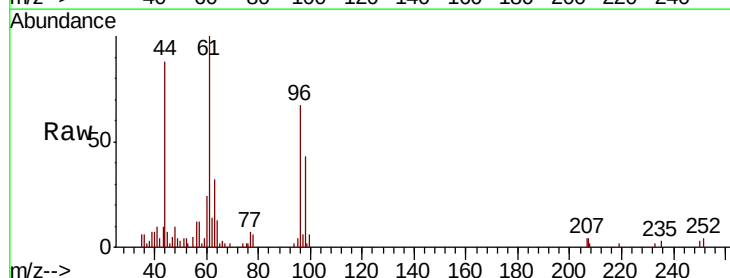


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

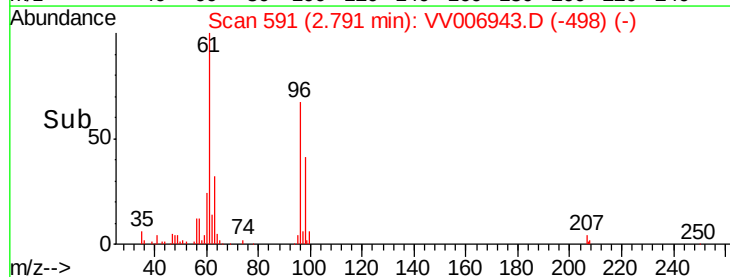
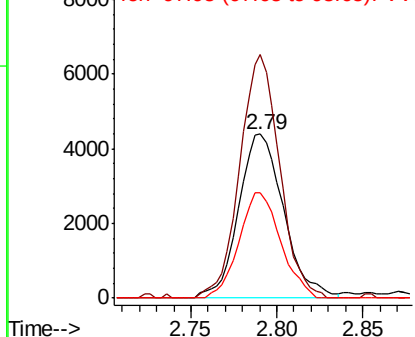


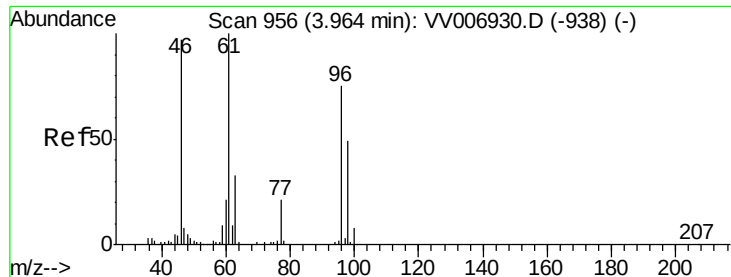
#18
trans-1,2-Dichloroethene
Concen: 0.564 ug/L
RT: 2.79 min Scan# 591
Delta R.T. 0.00 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Tgt Ion: 96 Resp: 8001
Ion Ratio Lower Upper
96 100
61 148.5 97.3 180.7
98 64.0 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



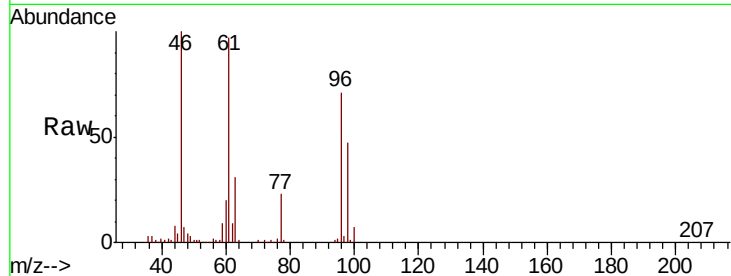


#22

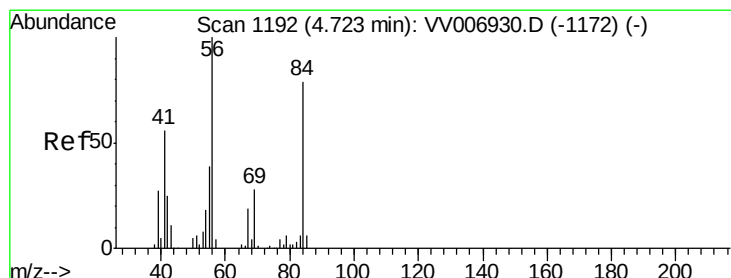
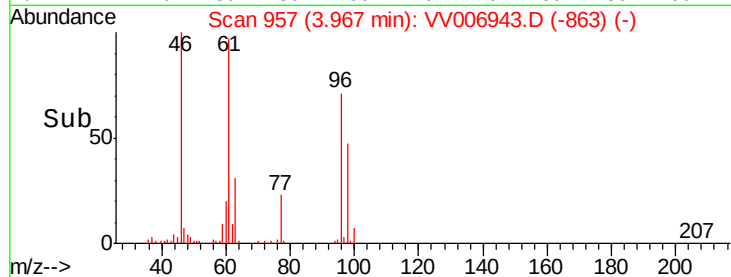
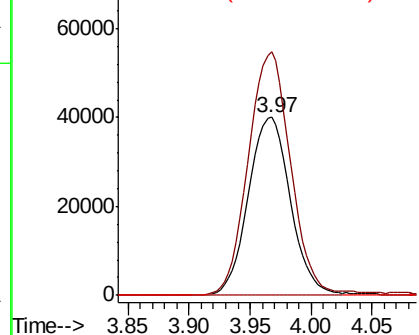
cis-1,2-Dichloroethene
Concen: 6.738 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 95551
Ion Ratio Lower Upper
96 100
61 136.8 95.5 177.4
68 0.0 0.0 0.0



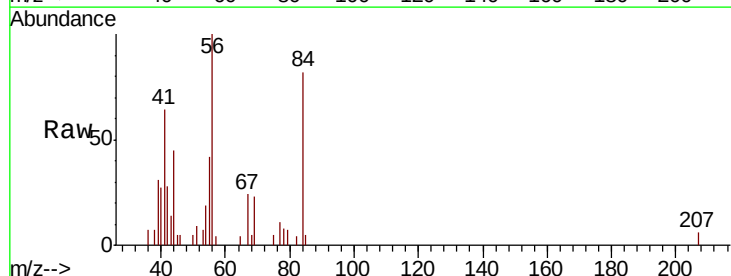
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



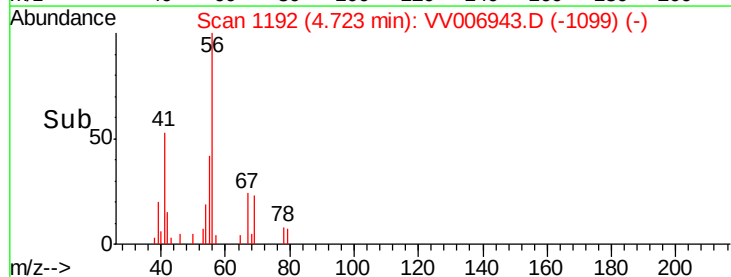
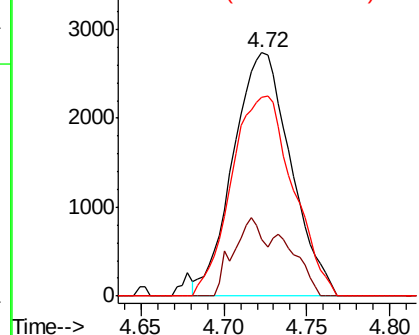
#30

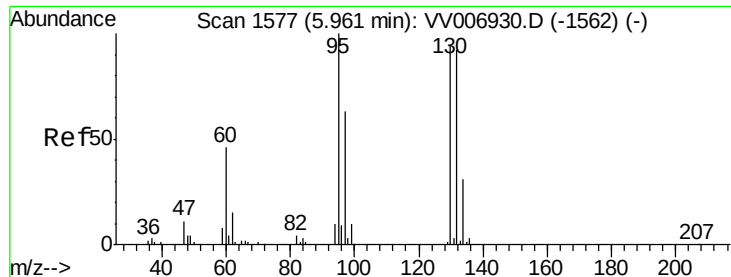
Cyclohexane
Concen: 0.290 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Tgt Ion: 56 Resp: 6606
Ion Ratio Lower Upper
56 100
69 17.3 24.2 36.2#
84 87.8 65.5 98.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

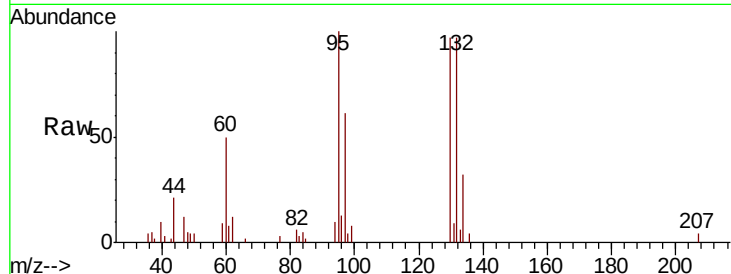




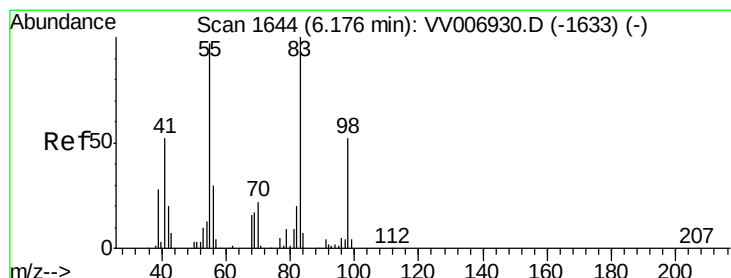
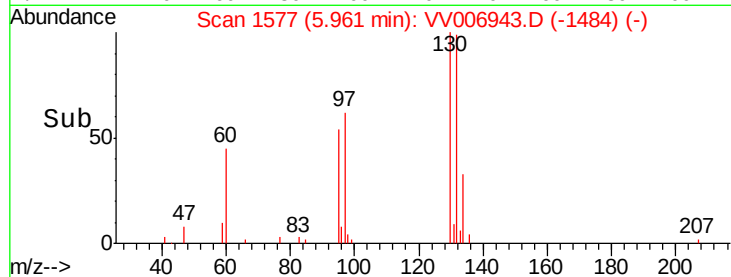
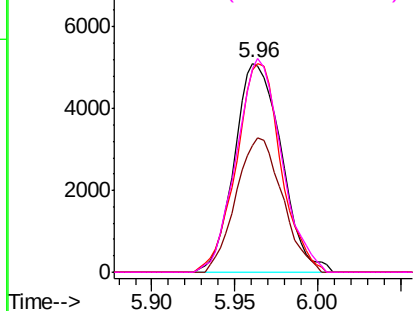
#34
 Trichloroethene
 Concen: 0.729 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VV006943.D
 Acq: 08 Aug 2018 19:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	10081
Ion	Ratio	Lower	Upper
95	100		
97	60.7	44.4	82.4
132	96.7	65.6	121.8
130	97.4	68.8	127.8

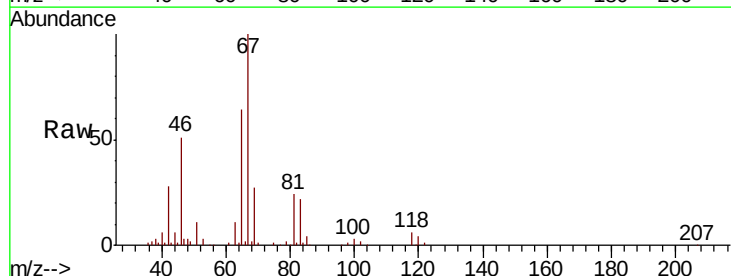


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

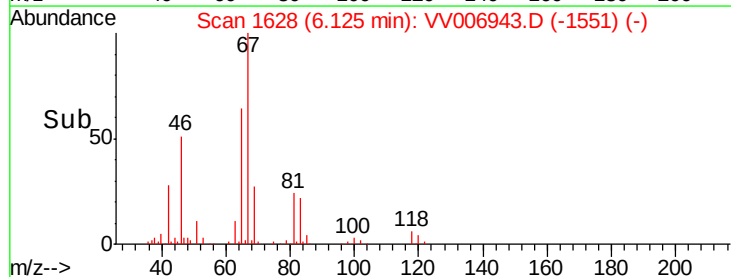
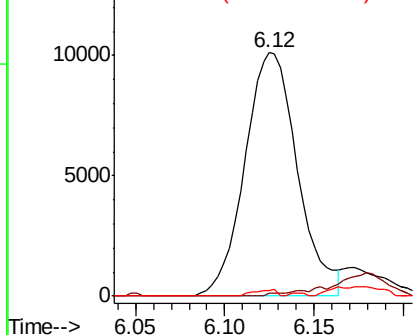


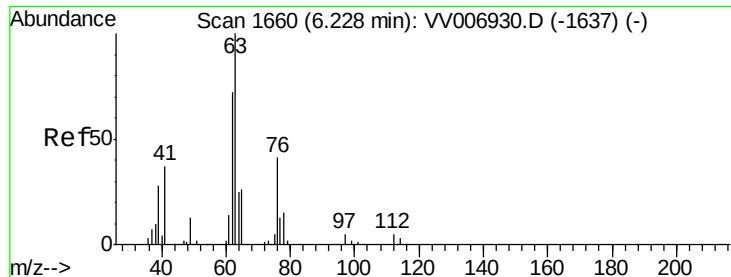
#35
 Methylcyclohexane
 Concen: 0.971 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006943.D
 Acq: 08 Aug 2018 19:25

Tgt Ion:	83	Resp:	20850
Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.8	104.8#
98	1.1	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

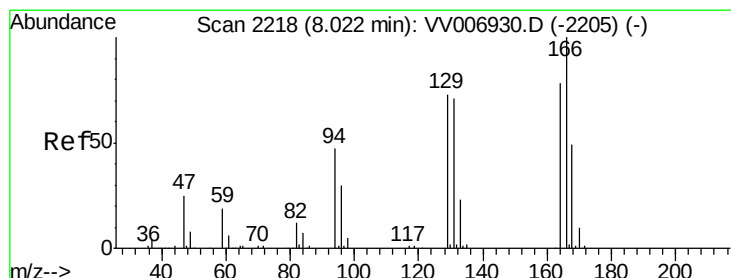
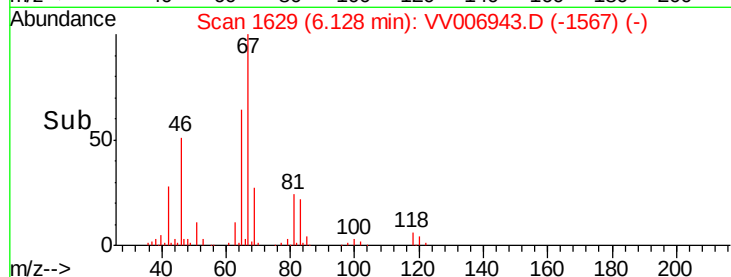
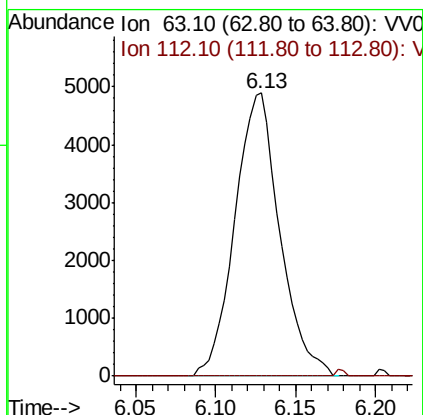
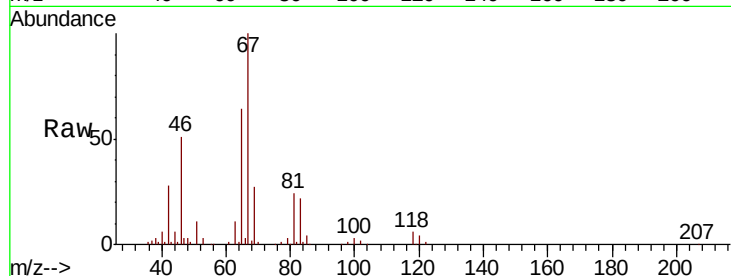




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006943.D
 Acq: 08 Aug 2018 19:25

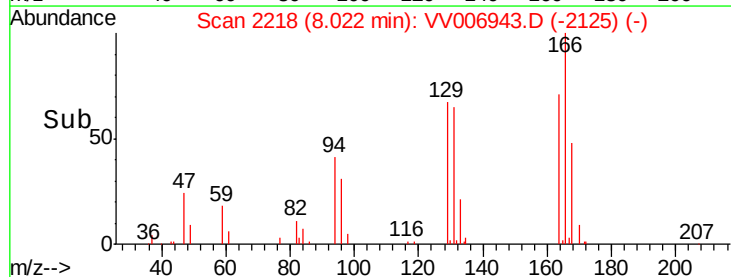
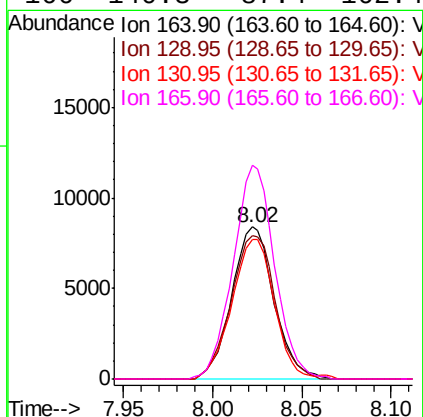
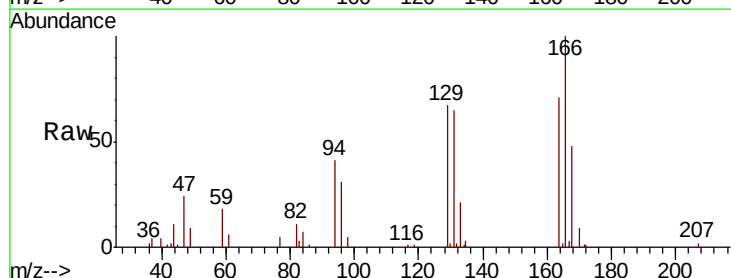
Instrument :
 MSVOA_V
 ClientSampled :

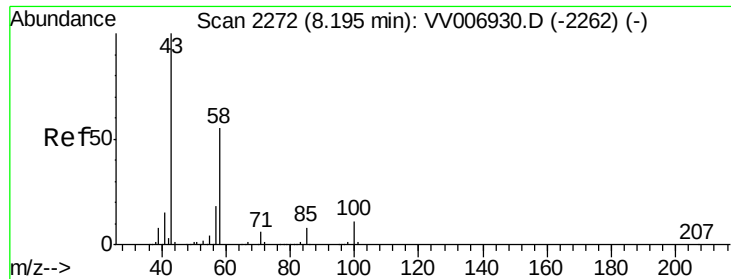
Tot Ion: 63 Resp: 9384
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#47
 Tetrachloroethene
 Concen: 1.321 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006943.D
 Acq: 08 Aug 2018 19:25

Tgt Ion:164 Resp: 13900
 Ion Ratio Lower Upper
 164 100
 129 94.4 63.1 117.3
 131 91.8 62.3 115.7
 166 140.3 87.4 162.4

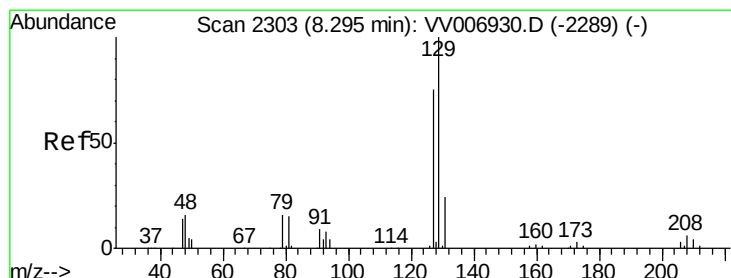
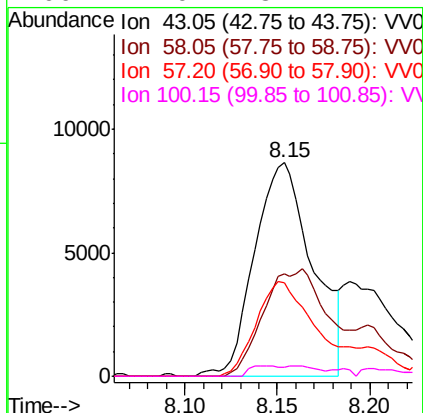
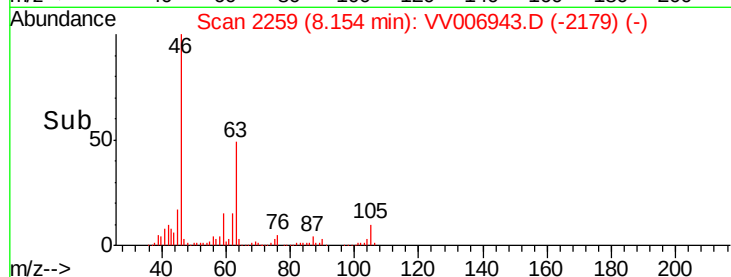
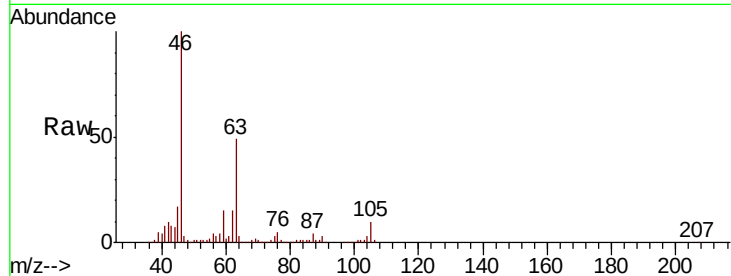




#48
2-Hexanone
Concen: 2.931 ug/L
RT: 8.15 min Scan# 2259
Delta R.T. -0.04 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	18905
Ion	Ratio	Lower	Upper
43	100		
58	55.6	42.0	63.0
57	53.6	14.1	21.1#
100	2.0	8.1	12.1#



#49
Dibromochloromethane
Concen: 1.184 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006943.D
Acq: 08 Aug 2018 19:25

Tgt Ion:	129	Resp:	12981
Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.0	105.8#

