

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008303.D
 Acq On : 16 Oct 2018 17:48
 Operator : SY/MD
 Sample : J5406-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK8

Quant Time: Oct 17 02:32:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88045	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23386	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	19148	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	34514	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.99	46	82131	49.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.41	84	49647	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	27082	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	107766	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	38070	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	94938	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	12436	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.14	63	49348	44.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21417	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	28842	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

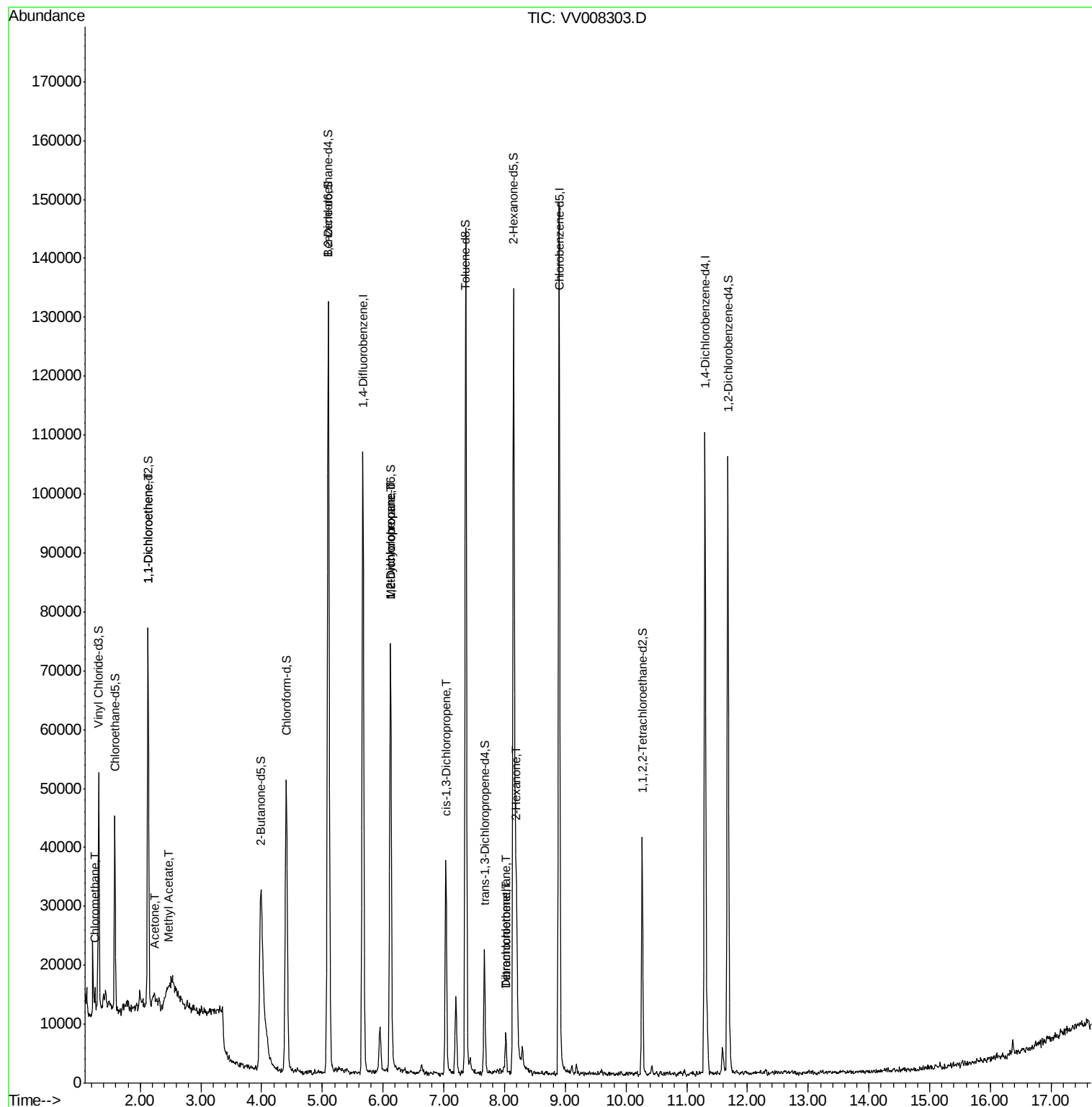
					Ovalue
3) Chloromethane	1.25	50	1838	0.266 ug/L	96
12) 1,1-Dichloroethene	2.13	96	637	0.151 ug/L #	1
13) Acetone	2.23	43	6150	6.811 ug/L	81
15) Methyl Acetate	2.46	43	417	0.186 ug/L #	50
35) Methylcyclohexane	6.13	83	8138	0.650 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3698	0.512 ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	880	0.085 ug/L #	59
47) Tetrachloroethene	8.02	164	1251	0.269 ug/L	84
48) 2-Hexanone	8.20	43	17539	5.422 ug/L #	97
49) Dibromochloromethane	8.02	129	1438	0.281 ug/L #	10

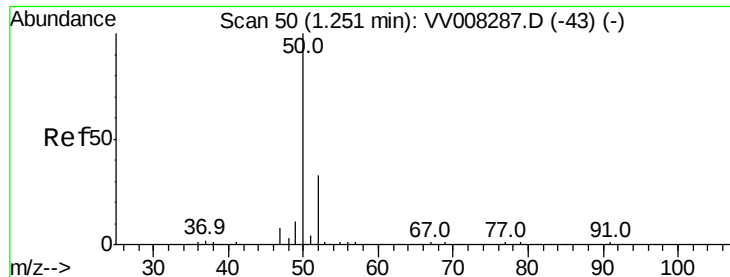
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.266 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV008303.D

Acq: 16 Oct 2018 17:48

Instrument :

MSVOA_V

ClientSampleId :

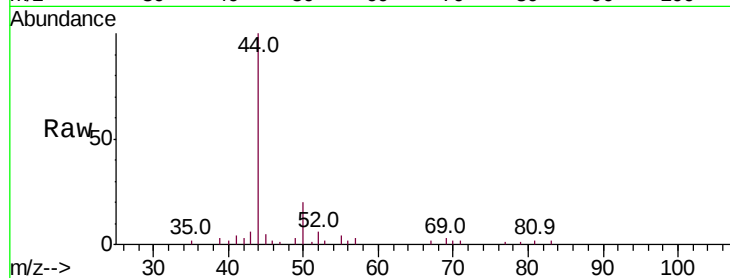
C0AK8

Tot Ion: 50 Resp: 1838

Ion Ratio Lower Upper

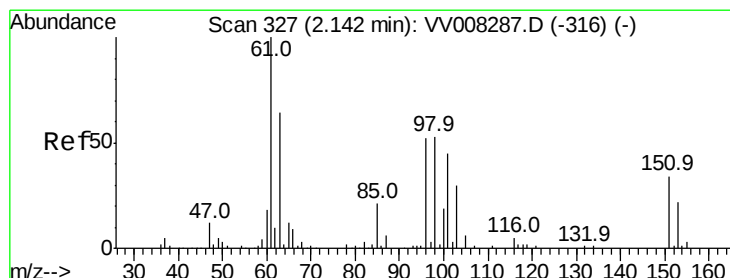
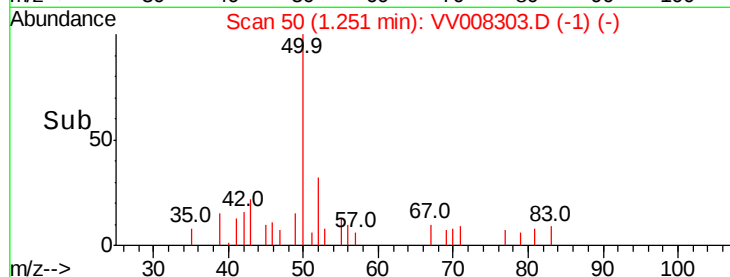
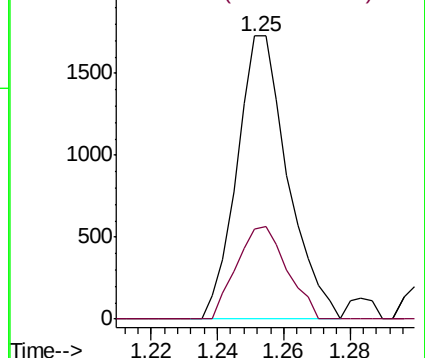
50 100

52 31.7 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008287.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008287.D (-43) (-)



#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008303.D

Acq: 16 Oct 2018 17:48

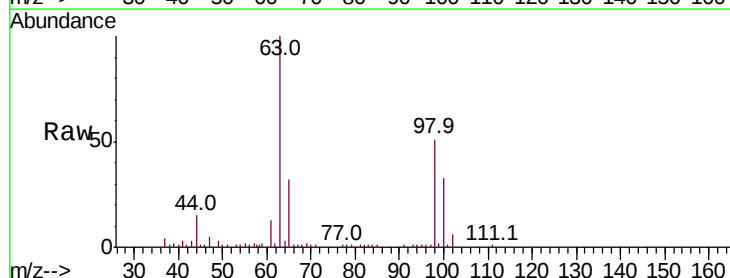
Tgt Ion: 96 Resp: 637

Ion Ratio Lower Upper

96 100

61 904.9 129.9 241.3#

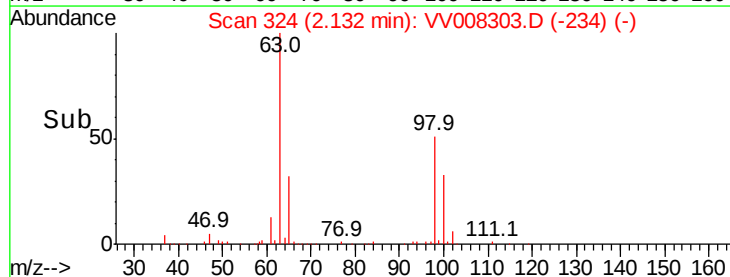
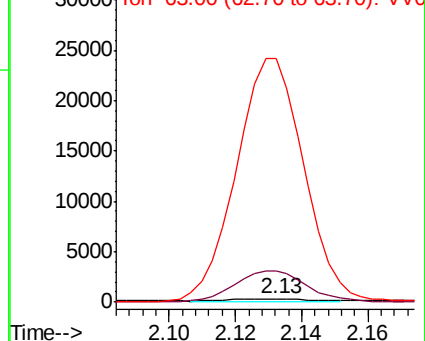
63 6933.3 103.0 191.4#

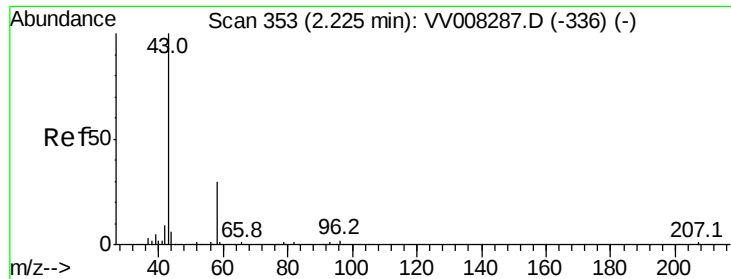


Abundance Ion 96.00 (95.70 to 96.70): VV008287.D (-316) (-)

Ion 61.05 (60.75 to 61.75): VV008287.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV008287.D (-316) (-)





#13

Acetone

Concen: 6.811 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.01 min

Lab File: VV008303.D

Acq: 16 Oct 2018 17:48

Instrument :

MSVOA_V

ClientSampleId :

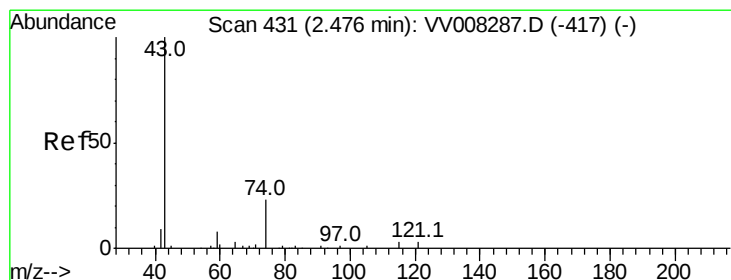
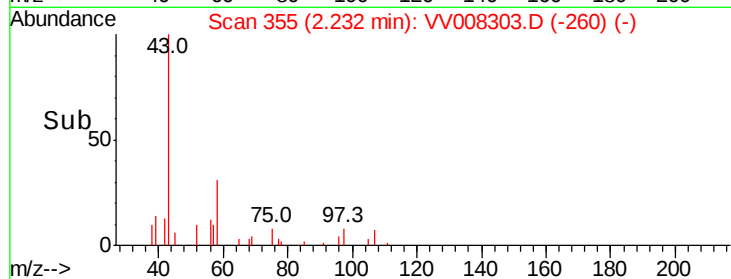
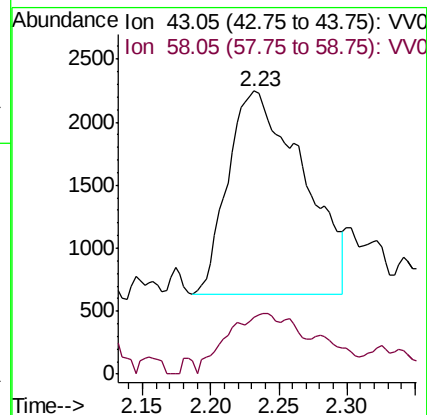
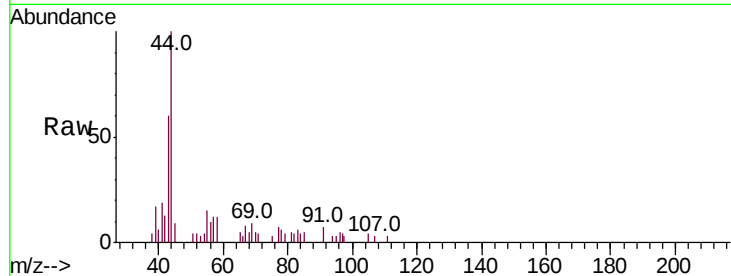
C0AK8

Tot Ion: 43 Resp: 6150

Ion Ratio Lower Upper

43 100

58 20.6 0.0 62.0



#15

Methyl Acetate

Concen: 0.186 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: VV008303.D

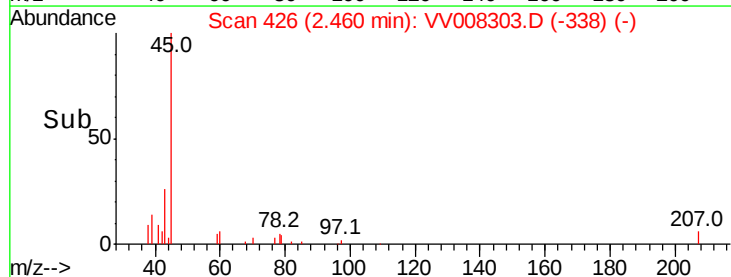
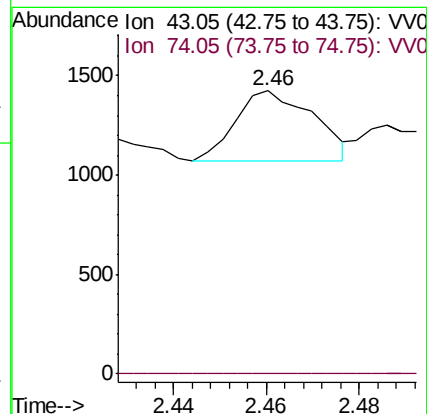
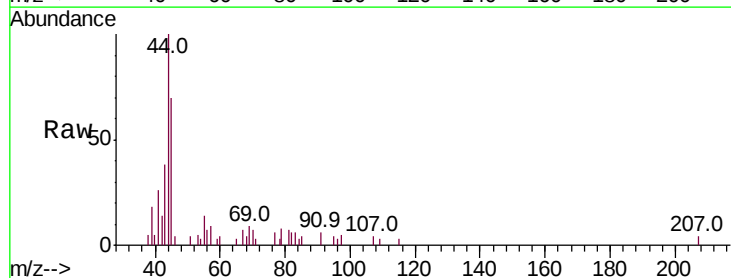
Acq: 16 Oct 2018 17:48

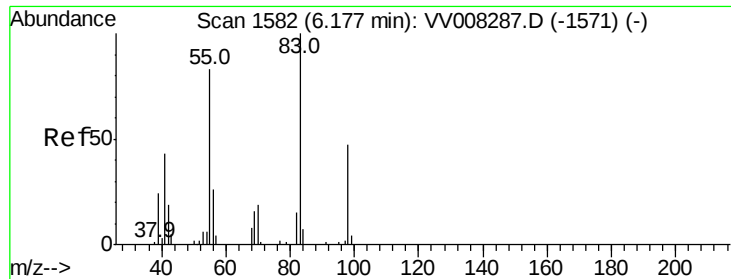
Tgt Ion: 43 Resp: 417

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#





#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008303.D

Acq: 16 Oct 2018 17:48

Instrument :

MSVOA_V

ClientSampleId :

C0AK8

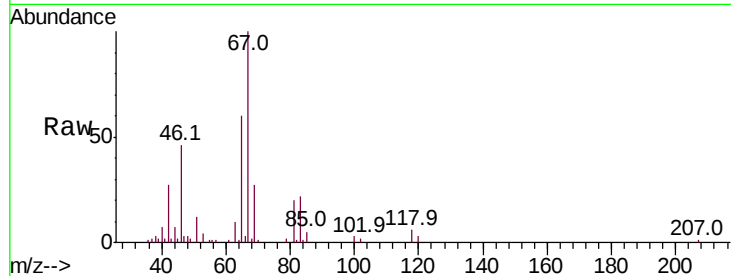
Tot Ion: 83 Resp: 8138

Ion Ratio Lower Upper

83 100

55 1.4 64.0 96.0#

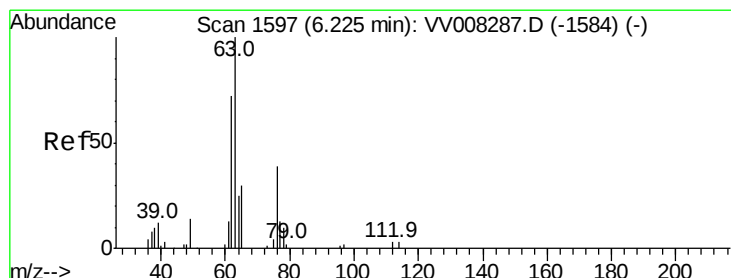
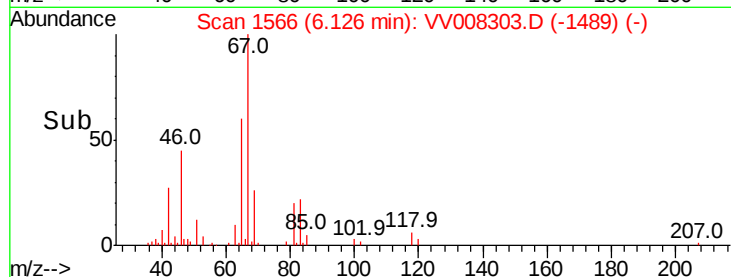
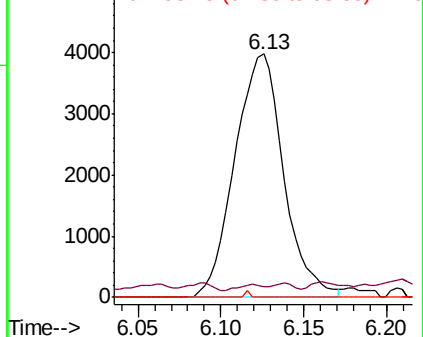
98 0.0 37.0 55.4#



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: 0.512 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008303.D

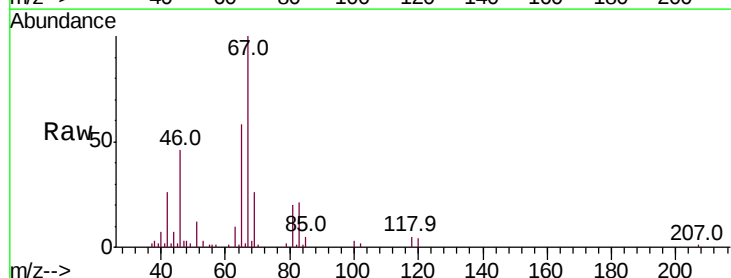
Acq: 16 Oct 2018 17:48

Tgt Ion: 63 Resp: 3698

Ion Ratio Lower Upper

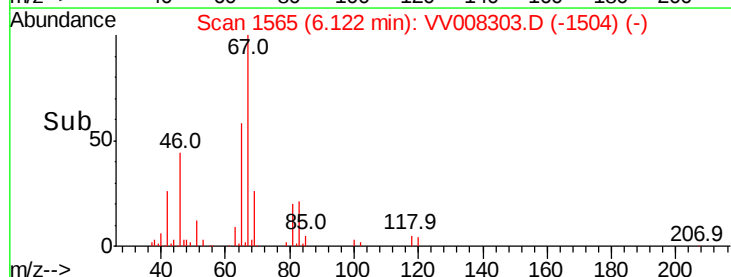
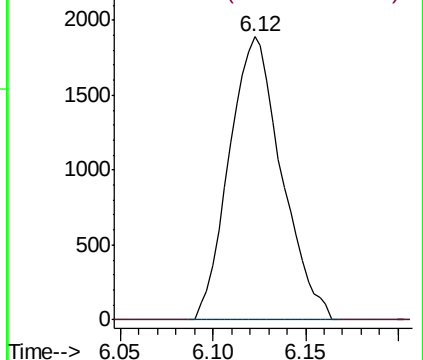
63 100

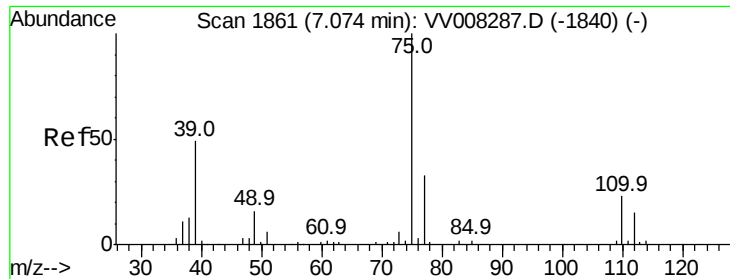
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

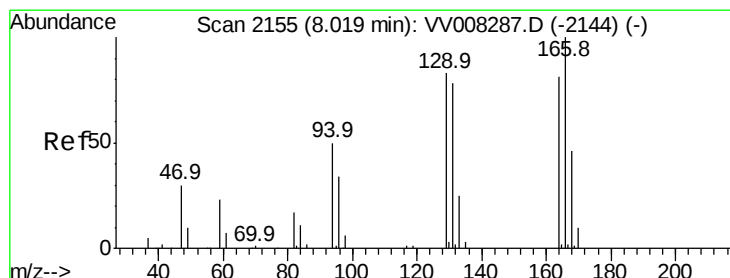
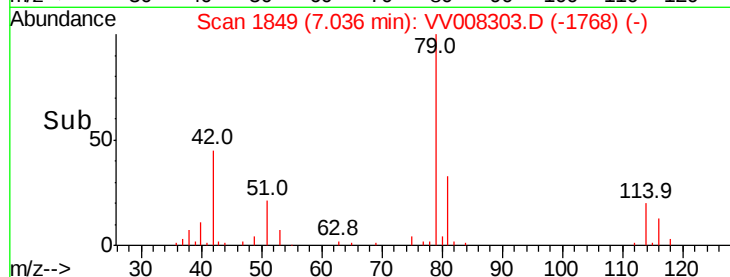
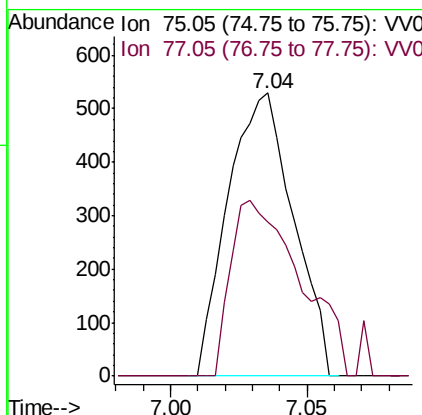
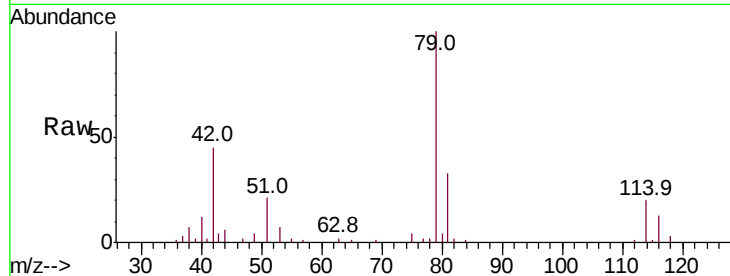




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008303.D
 Acq: 16 Oct 2018 17:48

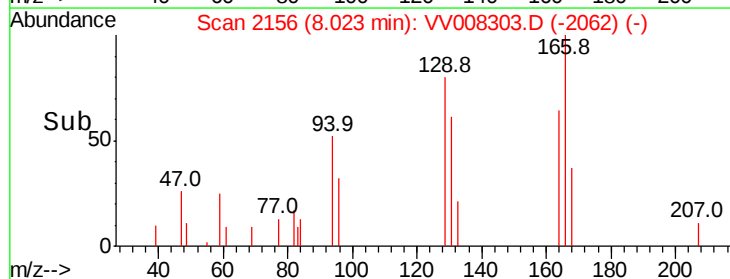
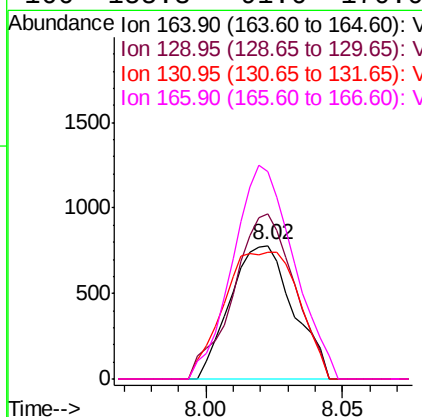
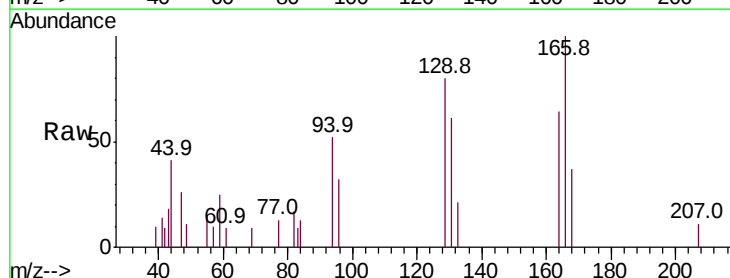
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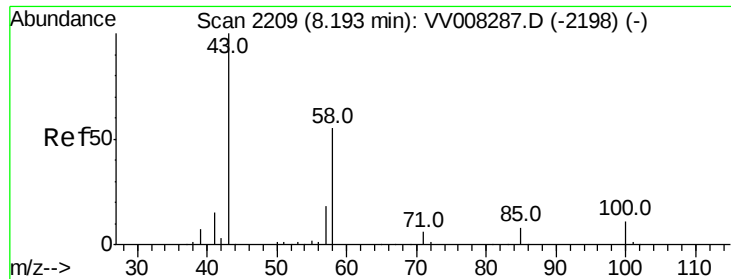
Tot Ion: 75 Resp: 880
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.269 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008303.D
 Acq: 16 Oct 2018 17:48

Tgt Ion:164 Resp: 1251
 Ion Ratio Lower Upper
 164 100
 129 124.1 76.5 142.1
 131 94.9 74.7 138.7
 166 155.3 91.6 170.0

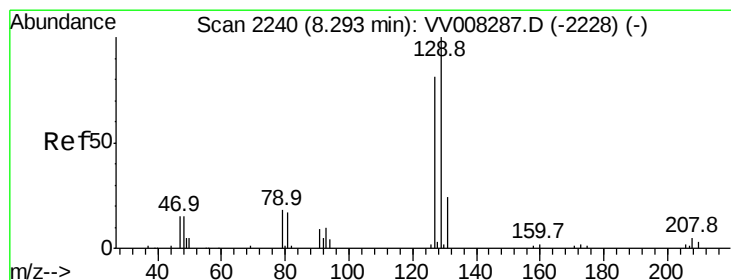
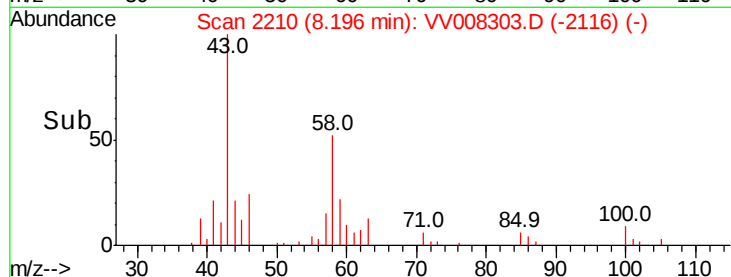
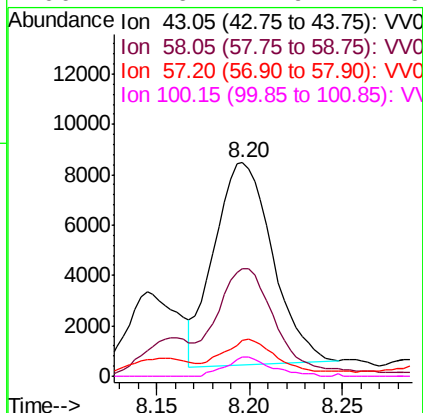
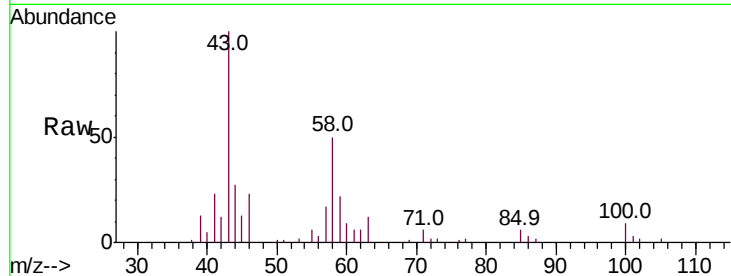




#48
2-Hexanone
Concen: 5.422 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008303.D
Acq: 16 Oct 2018 17:48

Instrument :
MSVOA_V
ClientSampleId :
C0AK8

Tot Ion: 43 Resp: 17539
Ion Ratio Lower Upper
43 100
58 55.2 45.0 67.4
57 14.4 14.4 21.6
100 7.6 7.9 11.9#



#49
Dibromochloromethane
Concen: 0.281 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008303.D
Acq: 16 Oct 2018 17:48

Tgt Ion: 129 Resp: 1438
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

