

Data File : VV009807.D
Acq On : 21 Mar 2019 20:25
Operator : SY/MD
Sample : K2049-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P009-TW001-01

Quant Time: Mar 22 08:18:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94938	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58987	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	52970	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	110694	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.98	46	66231	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	4.40	84	61359	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	28523	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	126339	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	38921	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	113472	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	12689	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	64373	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27897	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	40271	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

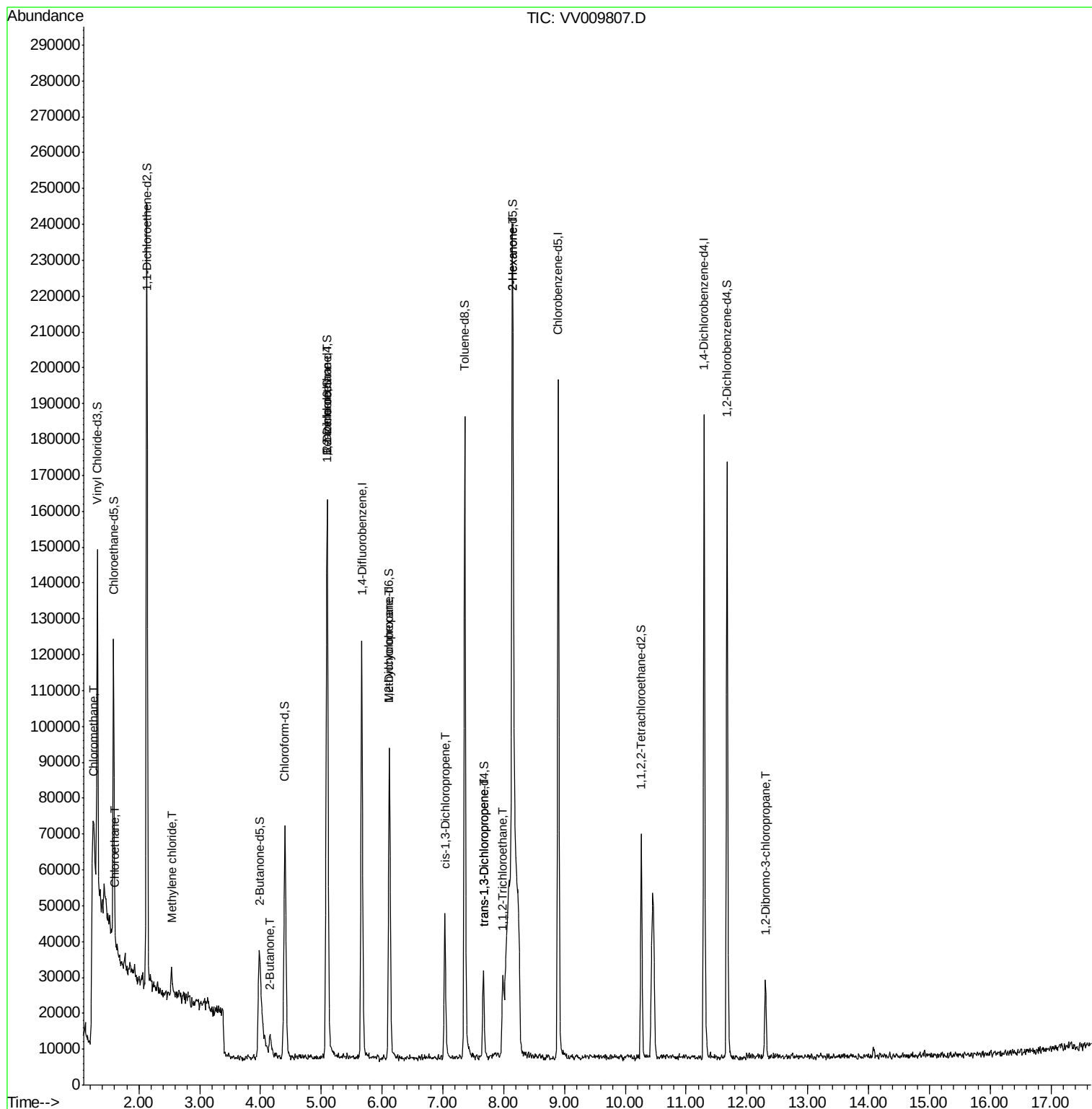
					Qvalue
3) Chloromethane	1.25	50	2799	0.224 ug/L #	62
8) Chloroethane	1.62	64	862	0.090 ug/L #	54
16) Methylene chloride	2.54	84	3111	0.217 ug/L	94
21) 2-Butanone	4.16	43	9244	6.840 ug/L #	45
27) 1,2-Dichloroethane	5.10	62	836	0.119 ug/L #	52
35) Methylcyclohexane	6.12	83	8557	0.723 ug/L #	20
39) cis-1,3-Dichloropropene	7.04	75	1332	0.144 ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	895	0.121 ug/L	95
45) 1,1,2-Trichloroethane	7.98	97	421	0.091 ug/L #	14
48) 2-Hexanone	8.14	43	9265	3.299 ug/L #	78
66) 1,2-Dibromo-3-chloropropan	12.31	75	845	1.249 ug/L #	1

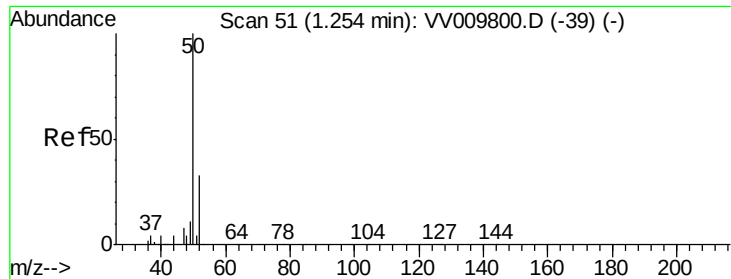
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.224 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009807.D

Acq: 21 Mar 2019 20:25

Instrument :

MSVOA_V

ClientSampleId :

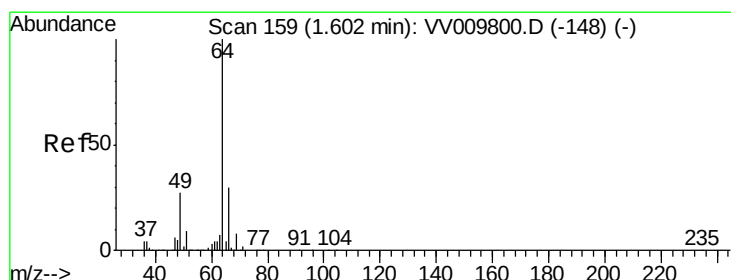
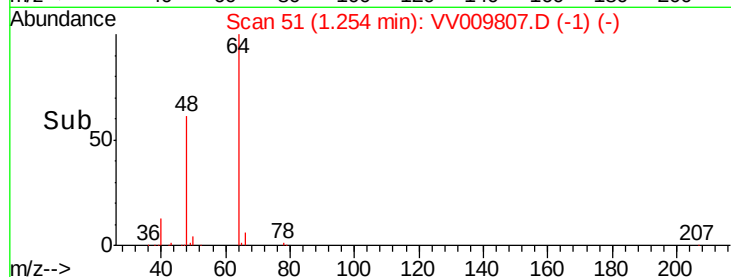
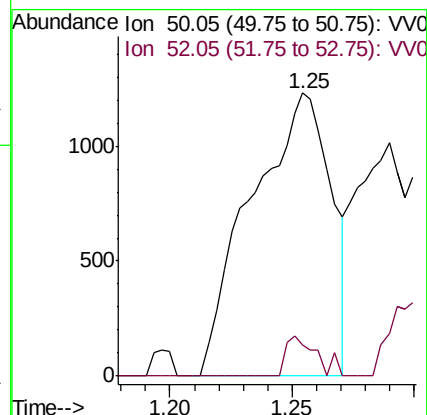
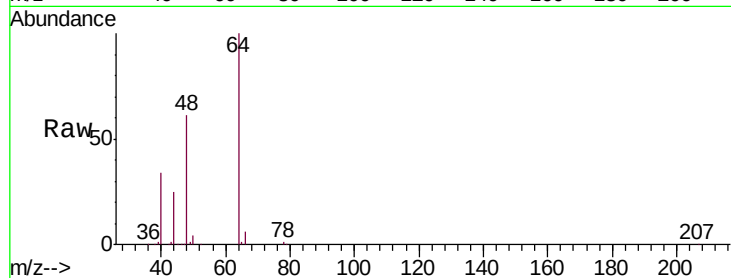
P009-TW001-01

Tgt Ion: 50 Resp: 2799

Ion Ratio Lower Upper

50 100

52 11.2 22.9 42.5#



#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VV009807.D

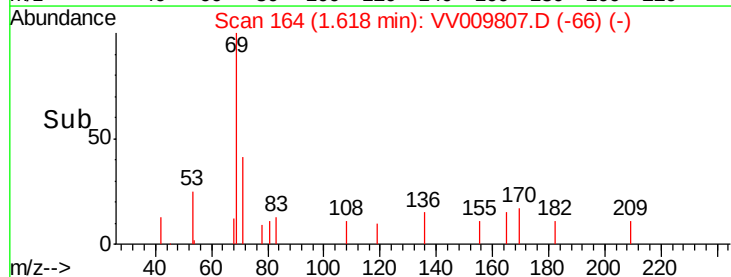
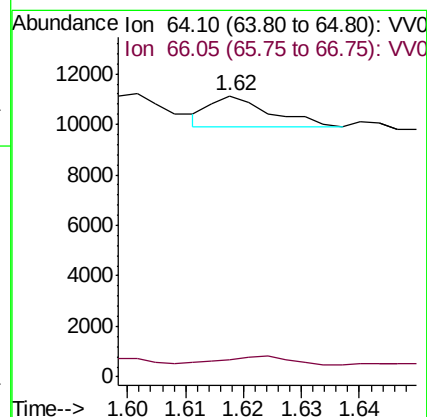
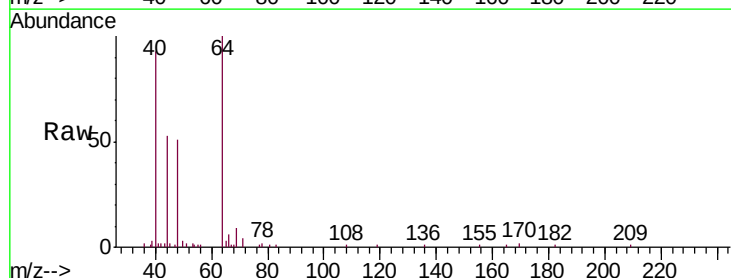
Acq: 21 Mar 2019 20:25

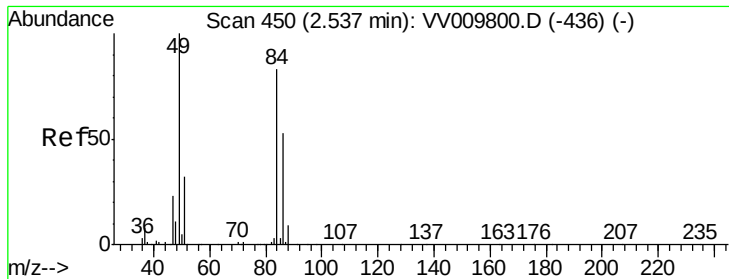
Tgt Ion: 64 Resp: 862

Ion Ratio Lower Upper

64 100

66 6.1 22.4 41.6#

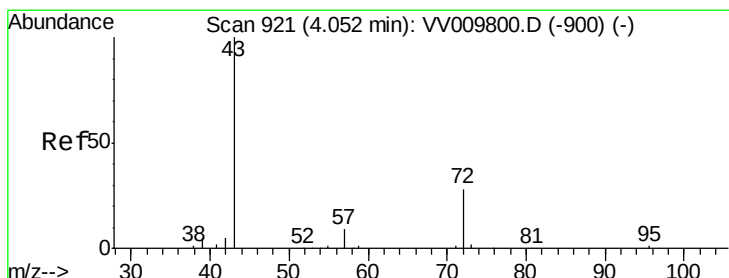
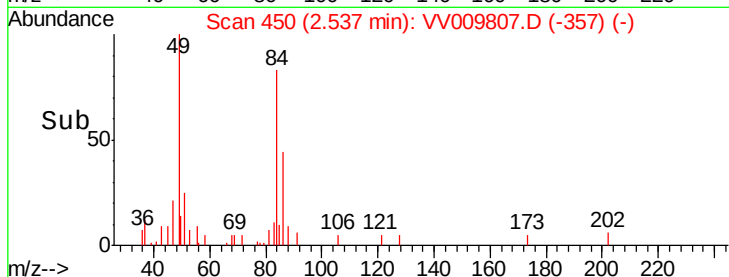
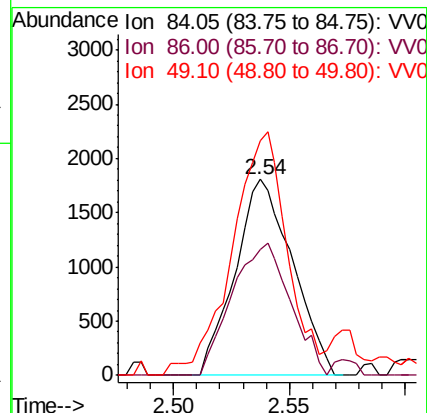
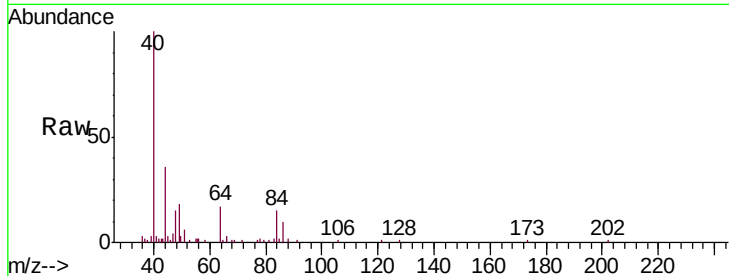




#16
Methylene chloride
Concen: 0.217 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009807.D
Acq: 21 Mar 2019 20:25

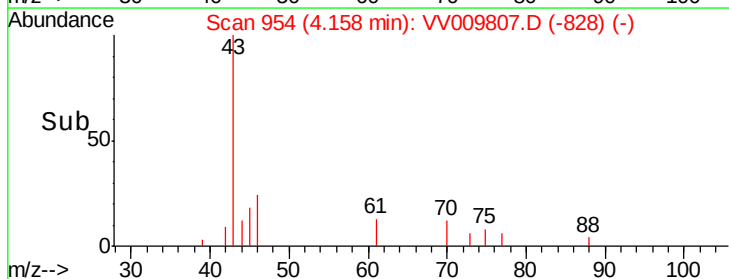
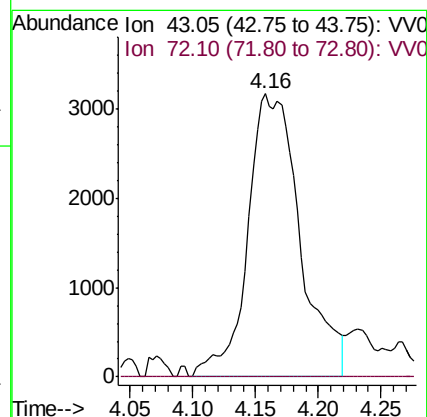
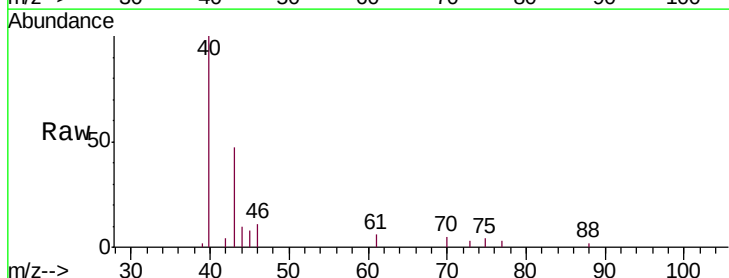
Instrument :
MSVOA_V
ClientSampleId :
P009-TW001-01

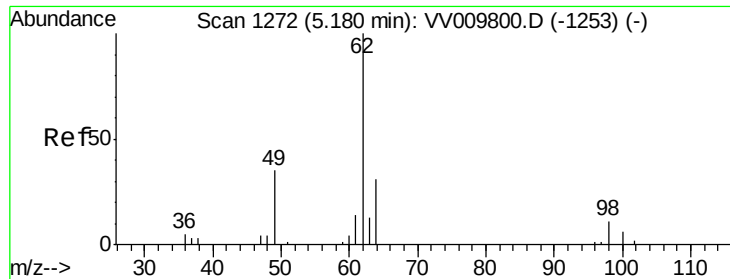
Tgt Ion: 84 Resp: 3111
Ion Ratio Lower Upper
84 100
86 64.4 46.1 85.5
49 137.0 89.7 166.5



#21
2-Butanone
Concen: 6.840 ug/L
RT: 4.16 min Scan# 954
Delta R.T. 0.11 min
Lab File: VV009807.D
Acq: 21 Mar 2019 20:25

Tgt Ion: 43 Resp: 9244
Ion Ratio Lower Upper
43 100
72 0.2 14.8 44.4#

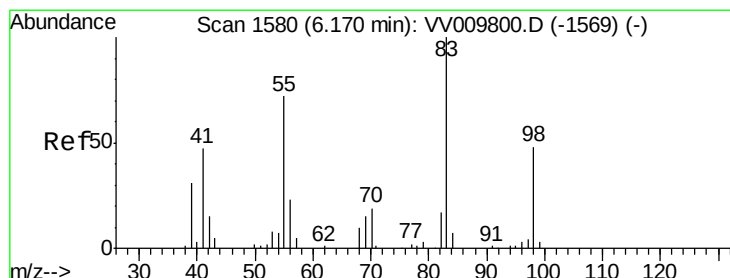
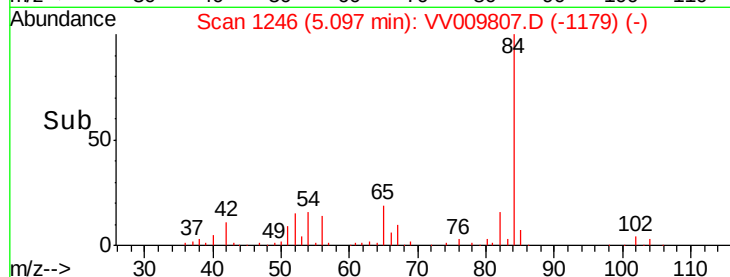
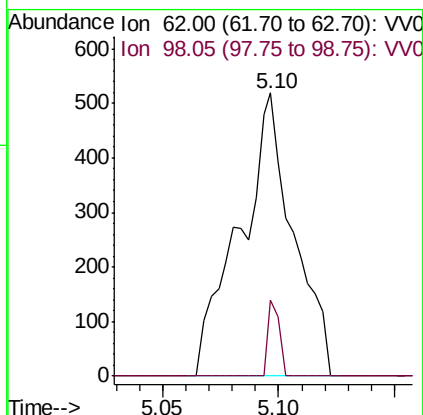
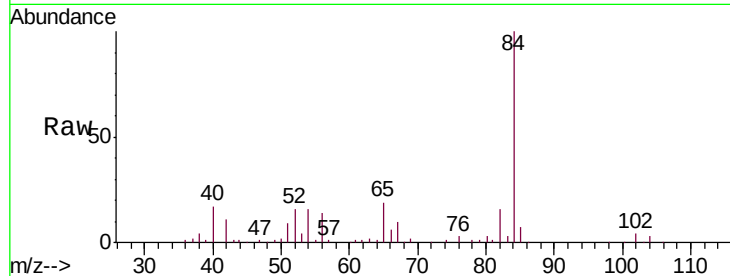




#27
 1,2-Dichloroethane
 Concen: 0.119 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009807.D
 Acq: 21 Mar 2019 20:25

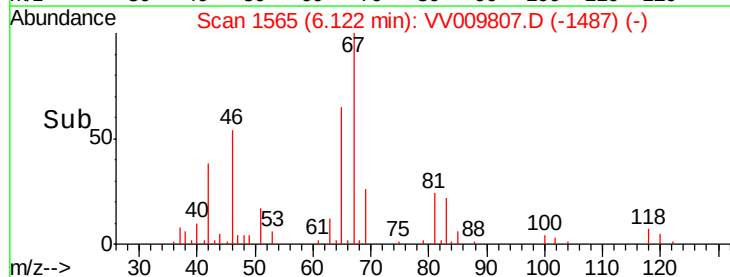
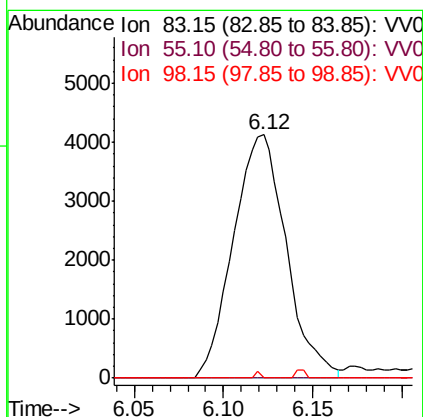
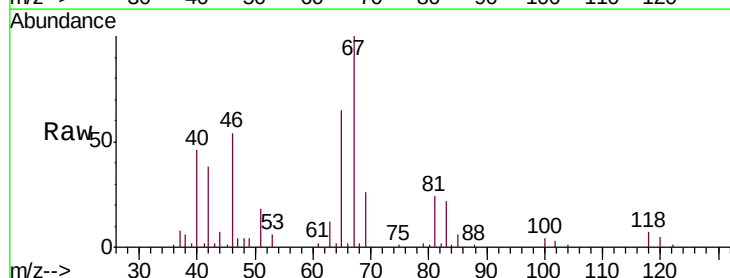
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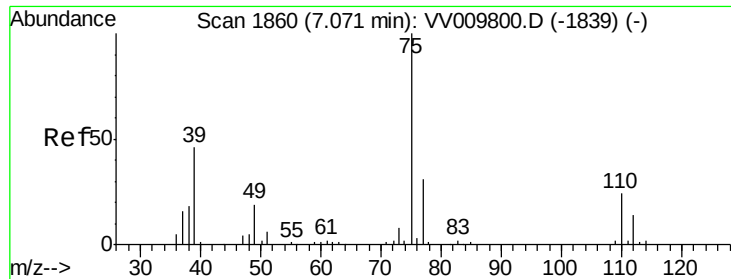
Tgt Ion: 62 Resp: 836
 Ion Ratio Lower Upper
 62 100
 98 26.6 7.4 11.0#



#35
 Methylcyclohexane
 Concen: 0.723 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV009807.D
 Acq: 21 Mar 2019 20:25

Tgt Ion: 83 Resp: 8557
 Ion Ratio Lower Upper
 83 100
 55 0.2 57.4 86.2#
 98 0.3 38.9 58.3#

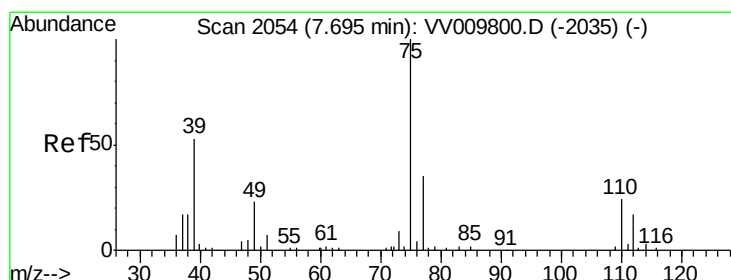
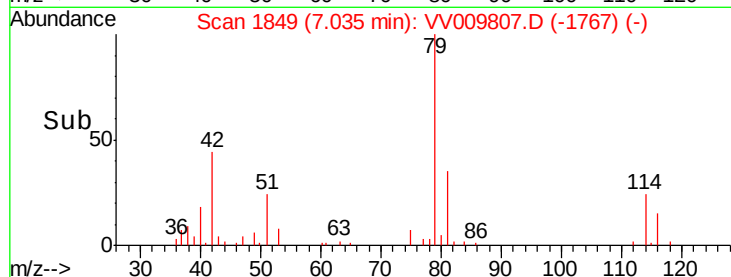
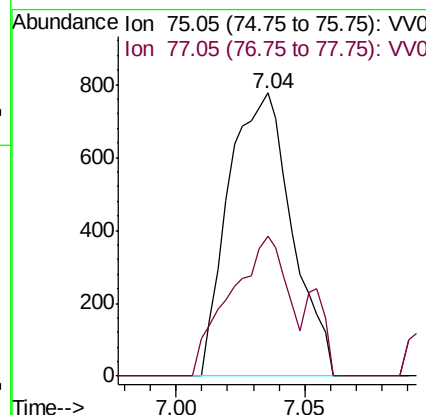
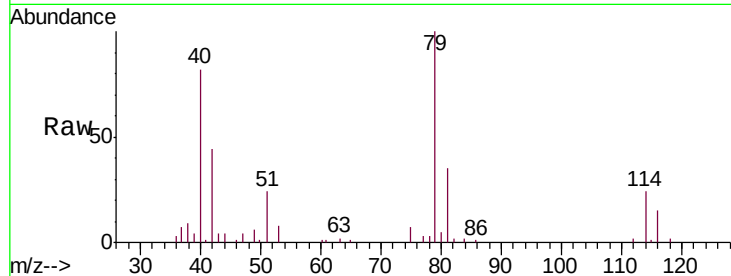




#39
cis-1,3-Dichloropropene
Concen: 0.144 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV009807.D
Acq: 21 Mar 2019 20:25

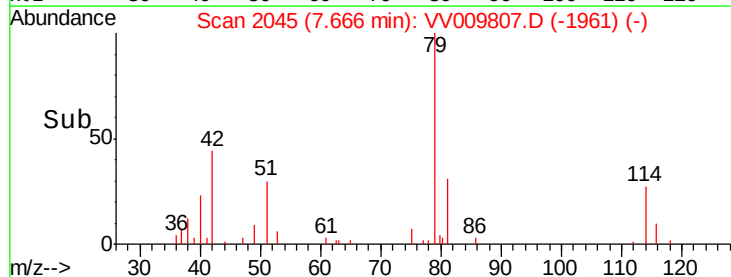
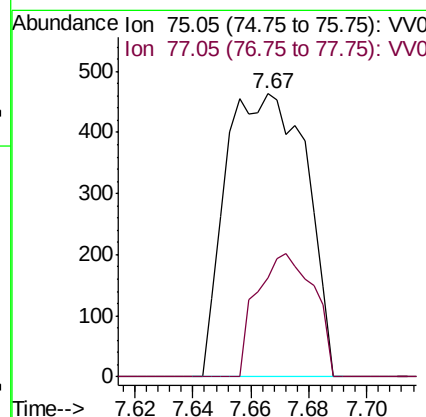
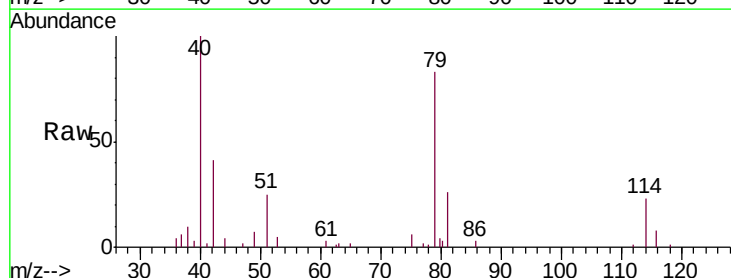
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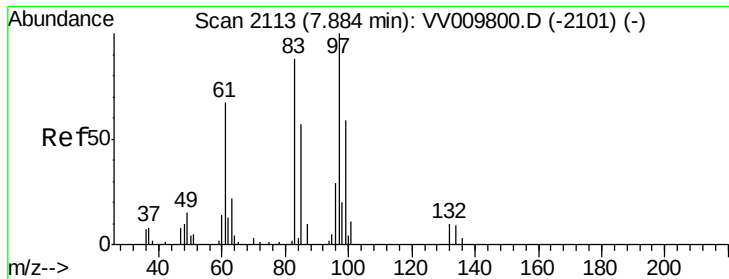
Tgt Ion: 75 Resp: 1332
Ion Ratio Lower Upper
75 100
77 49.5 24.1 44.8#



#44
trans-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009807.D
Acq: 21 Mar 2019 20:25

Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
77 35.2 22.7 42.3

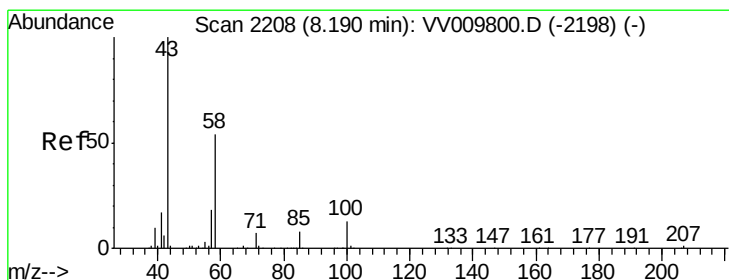
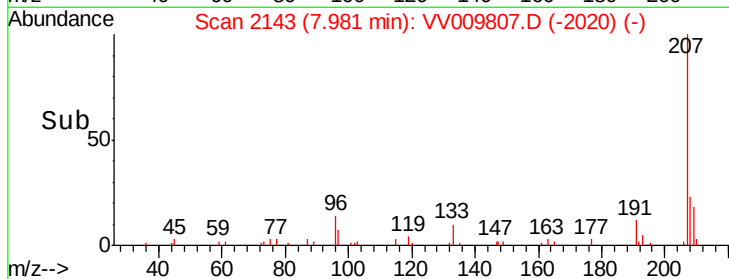
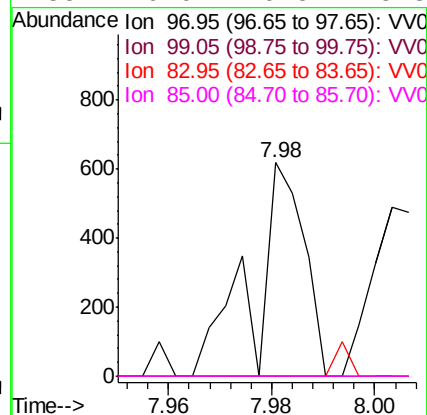
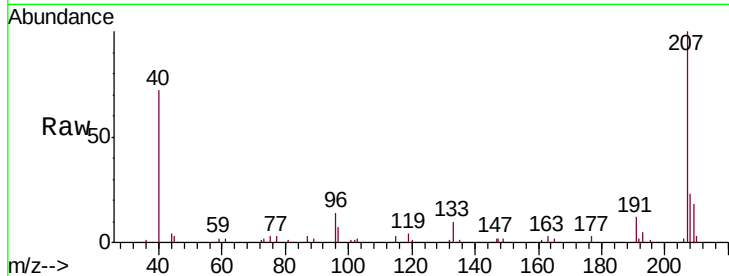




#45
 1,1,2-Trichloroethane
 Concen: 0.091 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.10 min
 Lab File: VV009807.D
 Acq: 21 Mar 2019 20:25

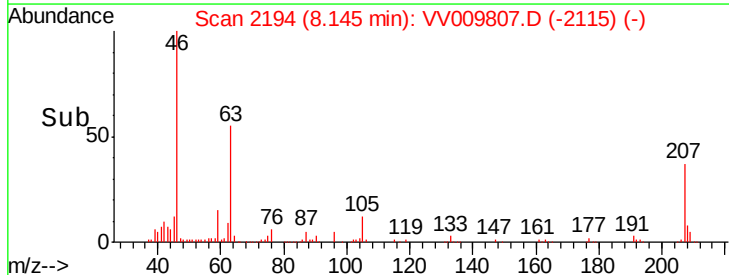
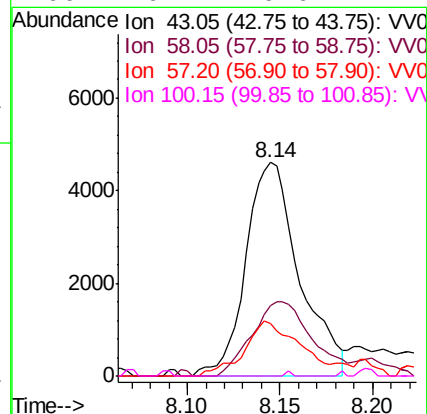
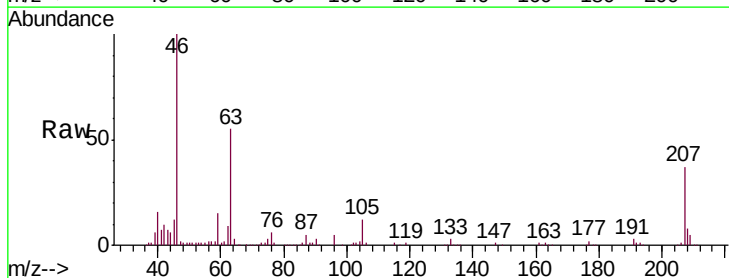
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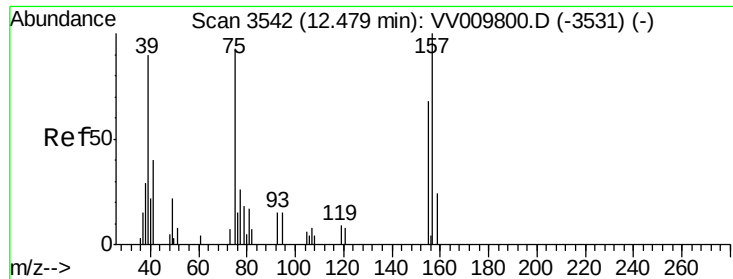
Tgt Ion: 97 Resp: 421
 Ion Ratio Lower Upper
 97 100
 99 0.0 43.8 81.4#
 83 0.0 60.7 112.7#
 85 0.0 40.5 75.3#



#48
 2-Hexanone
 Concen: 3.299 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.04 min
 Lab File: VV009807.D
 Acq: 21 Mar 2019 20:25

Tgt Ion: 43 Resp: 9265
 Ion Ratio Lower Upper
 43 100
 58 39.0 43.4 65.0#
 57 26.4 15.0 22.4#
 100 0.2 9.6 14.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 1.249 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV009807.D

Acq: 21 Mar 2019 20:25

Instrument :

MSVOA_V

ClientSampleId :

P009-TW001-01

Tgt Ion: 75 Resp: 845

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#

