

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081419\
 Data File : VV012235.D
 Acq On : 14 Aug 2019 12:17
 Operator : SY/MD
 Sample : K4337-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 15 18:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 18:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	185769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	182608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56914	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	45754	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	75860	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	146921	59.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.88%
24) Chloroform-d	4.40	84	114825	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	58393	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	230371	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	69126	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	197466	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	25365	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	78742	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46467	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	70381	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

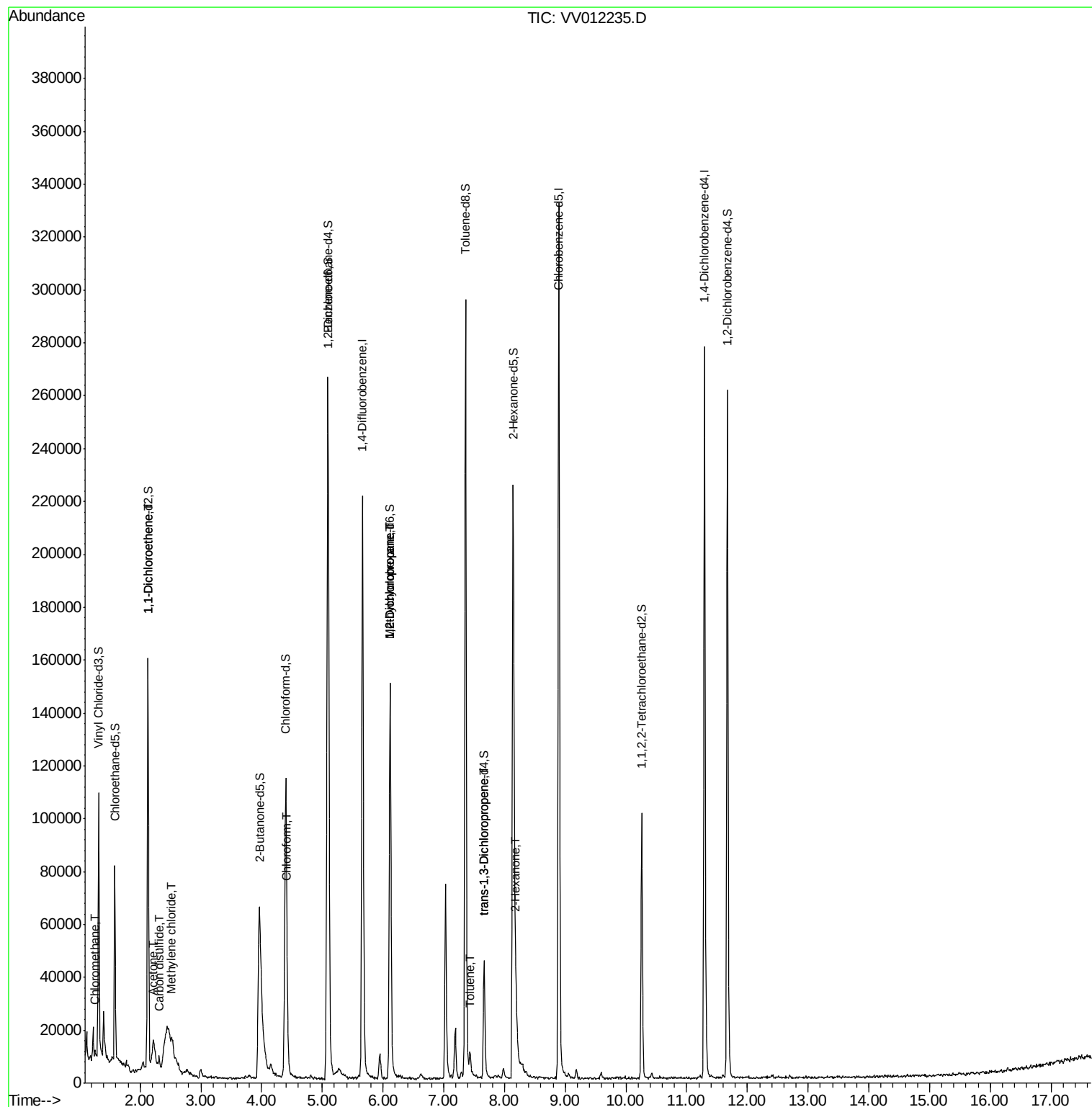
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1323	0.082	ug/L #	65
12) 1,1-Dichloroethene	2.13	96	811	0.083	ug/L #	1
13) Acetone	2.22	43	22807	14.806	ug/L	98
14) Carbon disulfide	2.32	76	4311	0.151	ug/L #	86
16) Methylene chloride	2.53	84	1265	0.120	ug/L	82
25) Chloroform	4.43	83	2768	0.102	ug/L	80
35) Methylcyclohexane	6.12	83	17337	0.748	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7764	0.565	ug/L #	87
42) Toluene	7.43	91	4588	0.078	ug/L	82
44) trans-1,3-Dichloropropene	7.67	75	1038	0.070	ug/L	83
48) 2-Hexanone	8.19	43	16895	3.172	ug/L #	81

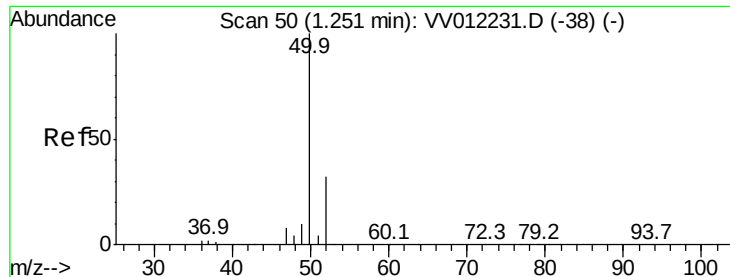
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 18:05:57 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012235.D

Acq: 14 Aug 2019 12:17

Instrument :

MSVOA_V

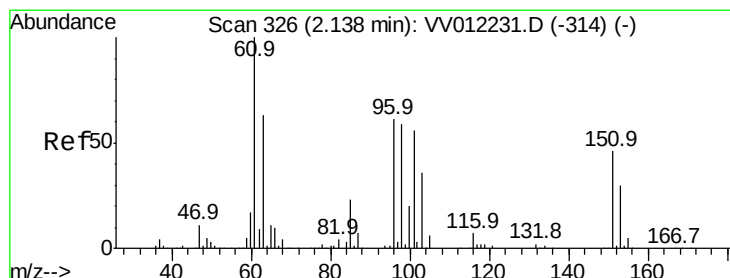
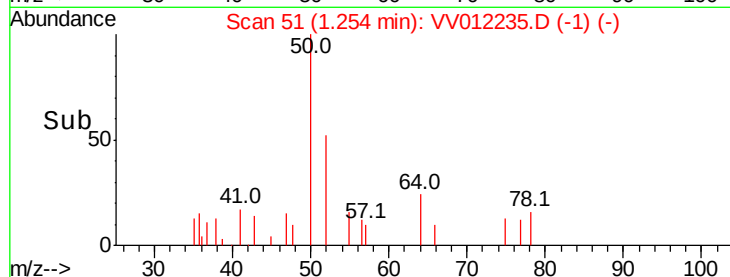
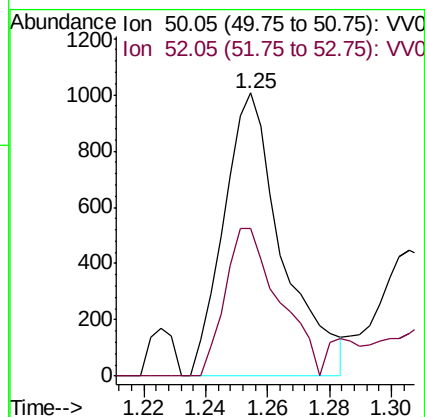
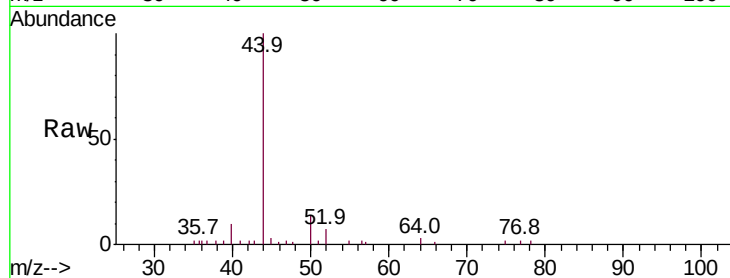
ClientSampled :

Tot Ion: 50 Resp: 1323

Ion Ratio Lower Upper

50 100

52 52.0 22.6 42.0#



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012235.D

Acq: 14 Aug 2019 12:17

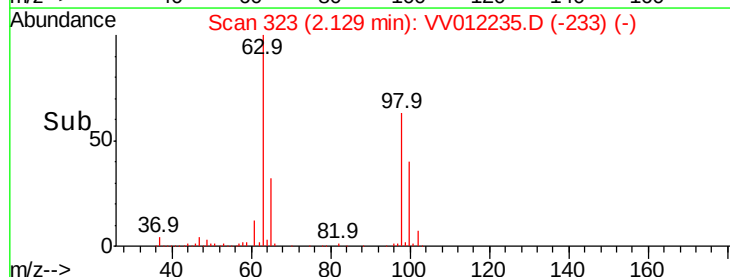
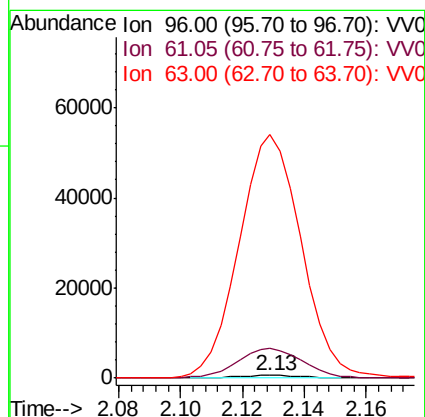
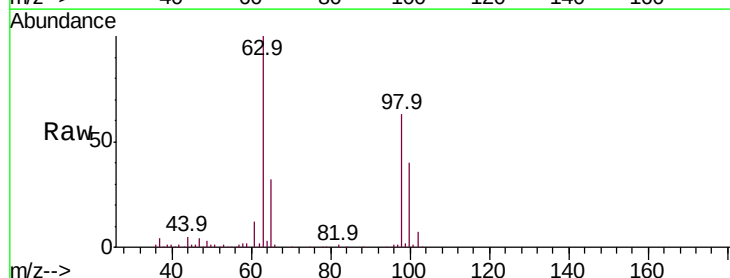
Tgt Ion: 96 Resp: 811

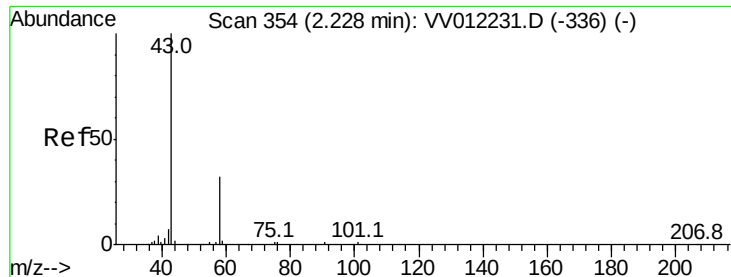
Ion Ratio Lower Upper

96 100

61 1149.7 119.3 221.5#

63 9563.2 74.9 139.1#





#13

Acetone

Concen: 14.806 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV012235.D

Acq: 14 Aug 2019 12:17

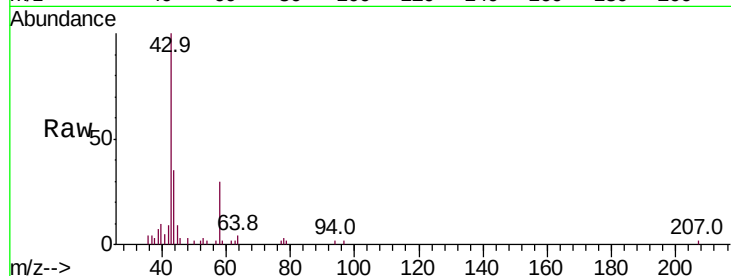
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 22807

Ion Ratio Lower Upper

43 100

58 30.7 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV012231.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012231.D (-336) (-)

2.22

6000

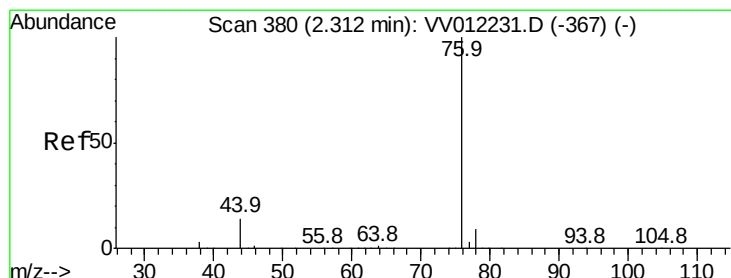
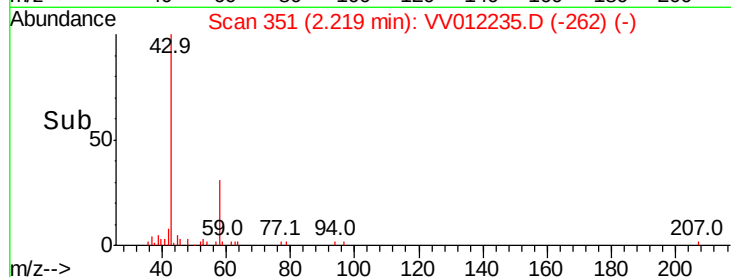
4000

2000

0

2.10 2.20 2.30 2.40

Time-->



#14

Carbon disulfide

Concen: 0.151 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012235.D

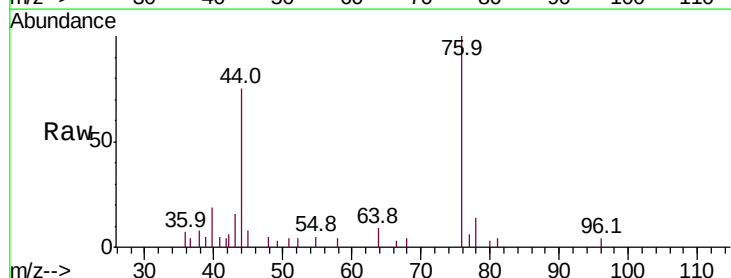
Acq: 14 Aug 2019 12:17

Tgt Ion: 76 Resp: 4311

Ion Ratio Lower Upper

76 100

78 13.9 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV012231.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV012231.D (-367) (-)

2.32

3000

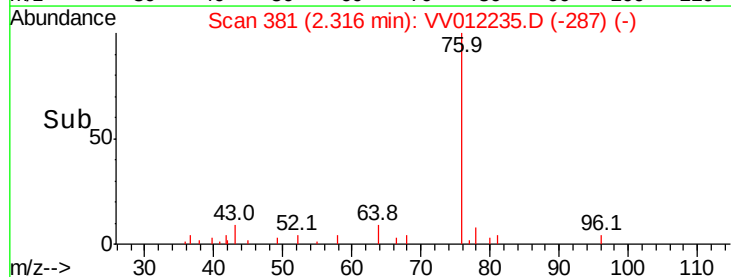
2000

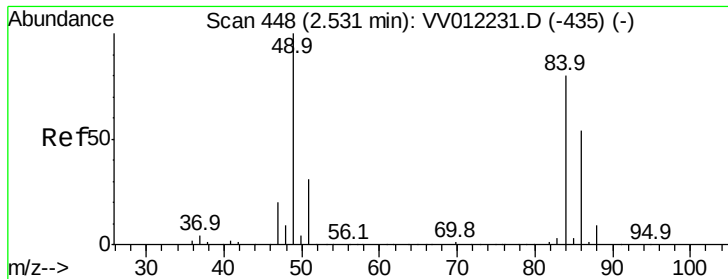
1000

0

2.30 2.35

Time-->

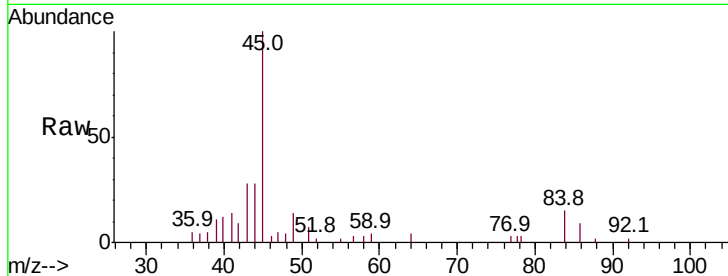




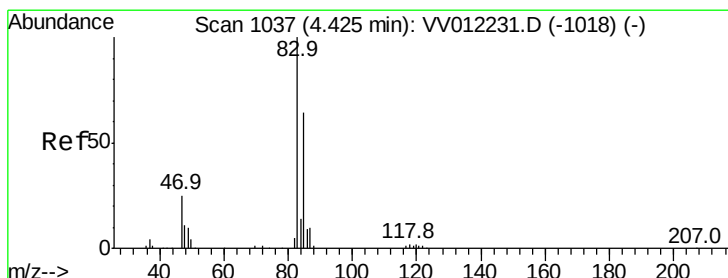
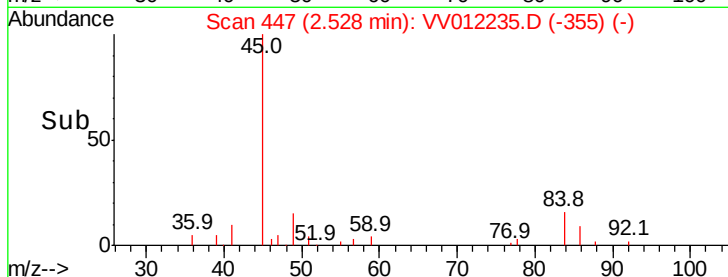
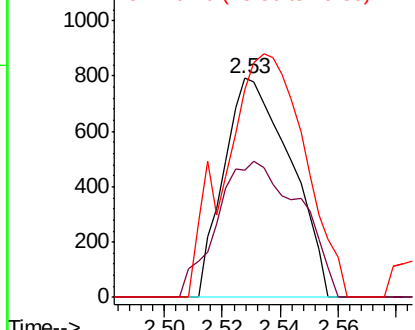
#16
Methylene chloride
Concen: 0.120 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV012235.D
Acq: 14 Aug 2019 12:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
86 57.8 44.4 82.5
49 94.6 85.1 158.1

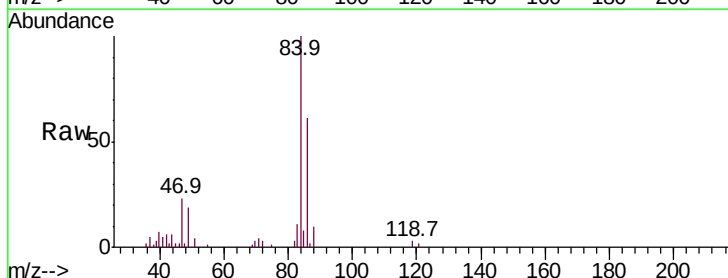


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

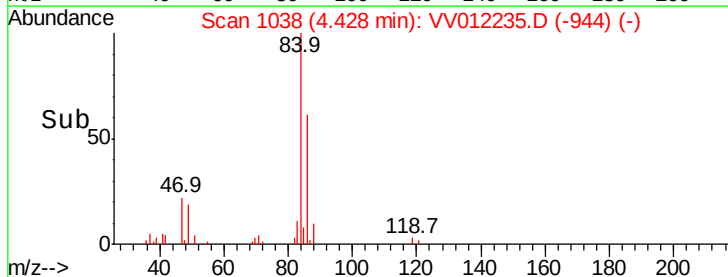
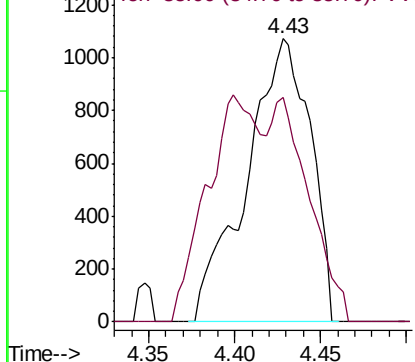


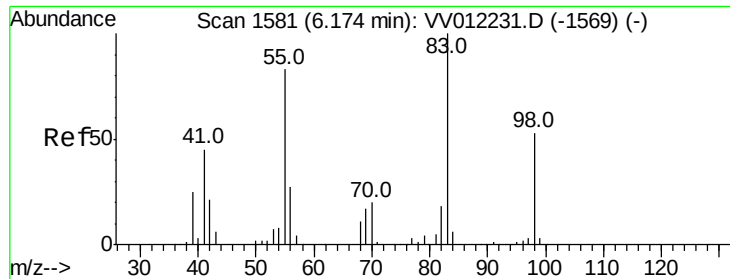
#25
Chloroform
Concen: 0.102 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012235.D
Acq: 14 Aug 2019 12:17

Tgt Ion: 83 Resp: 2768
Ion Ratio Lower Upper
83 100
85 79.2 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

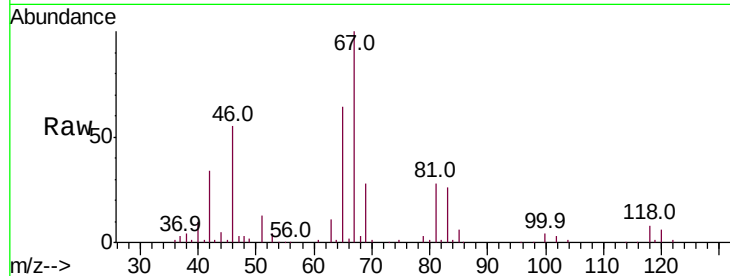




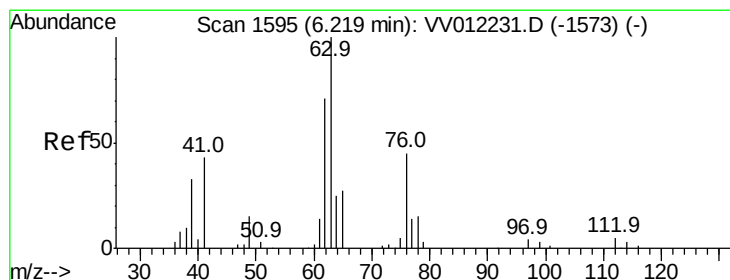
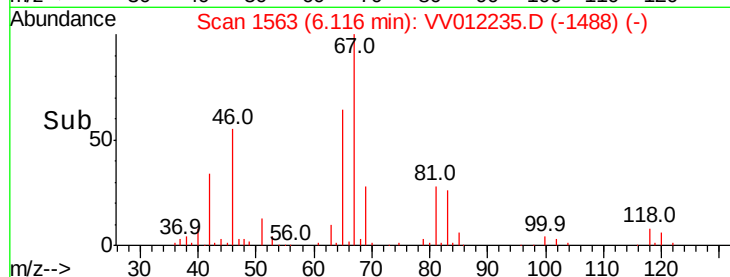
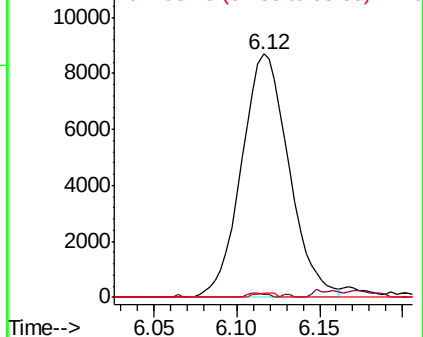
#35
Methylvlcyclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012235.D
Acq: 14 Aug 2019 12:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 17337
Ion Ratio Lower Upper
83 100
55 0.7 62.2 93.2#
98 0.7 39.2 58.8#

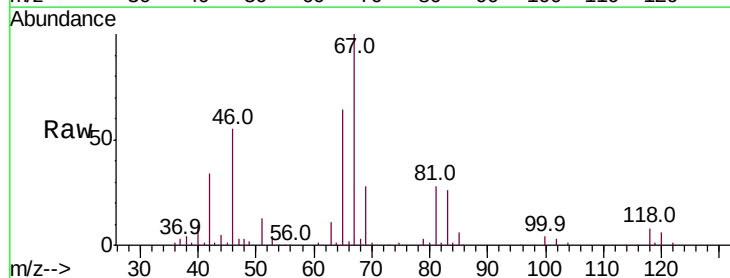


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

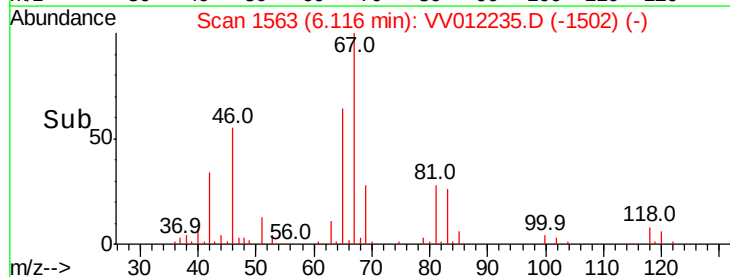
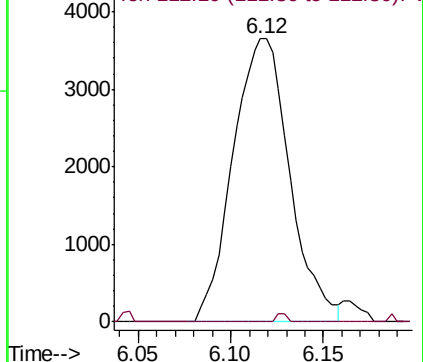


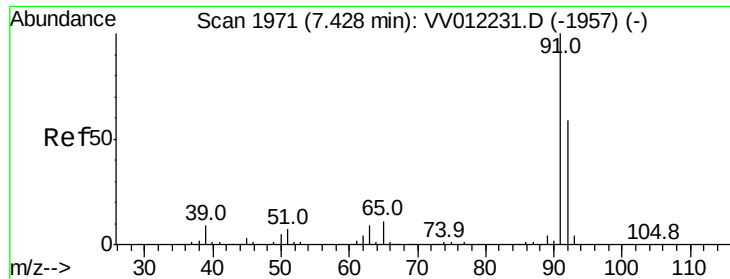
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012235.D
Acq: 14 Aug 2019 12:17

Tgt Ion: 63 Resp: 7764
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.078 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012235.D

Acq: 14 Aug 2019 12:17

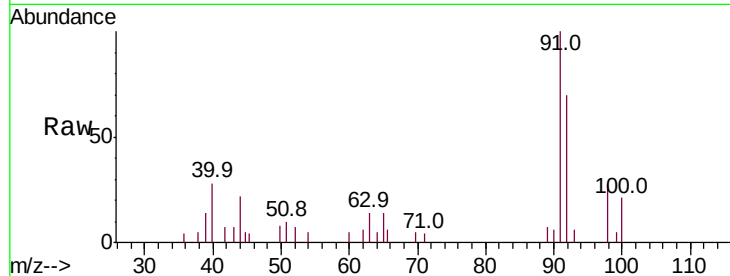
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 4588

Ion Ratio Lower Upper

91 100

92 70.1 39.8 73.8

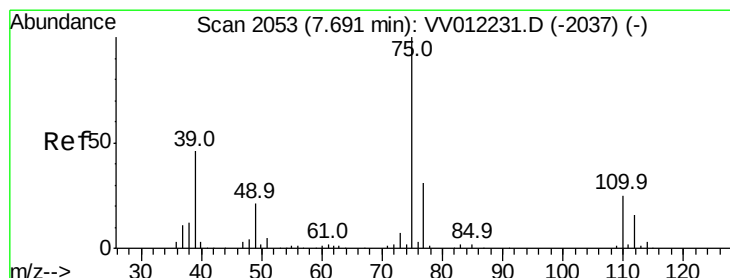
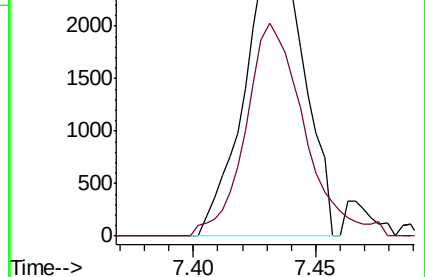
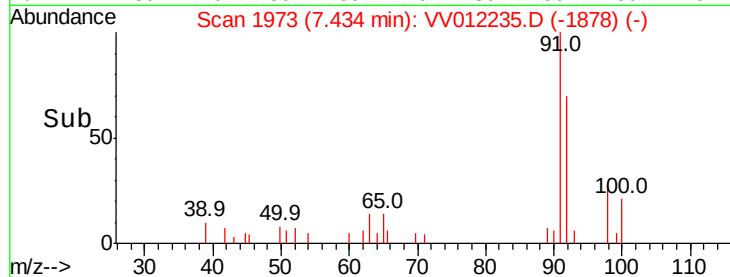


Abundance Ion 91.15 (90.85 to 91.85): VV012235.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012235.D (-1957) (-)

7.43

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012235.D

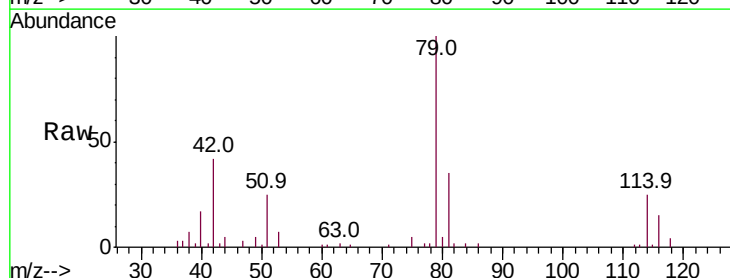
Acq: 14 Aug 2019 12:17

Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 41.7 22.5 41.7

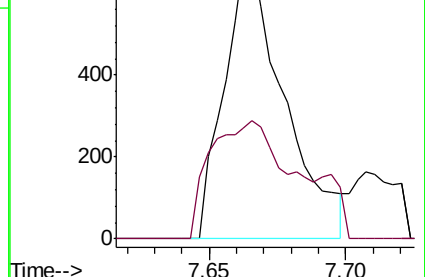
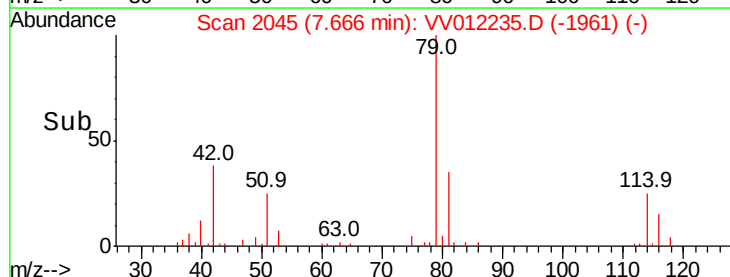


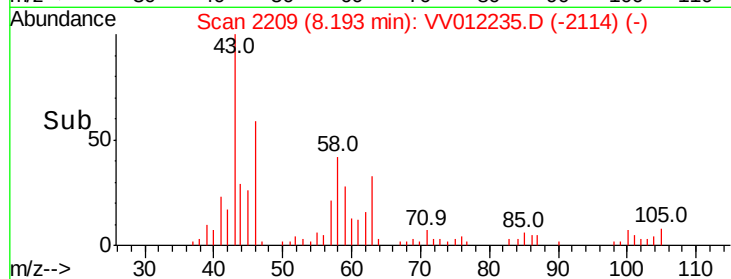
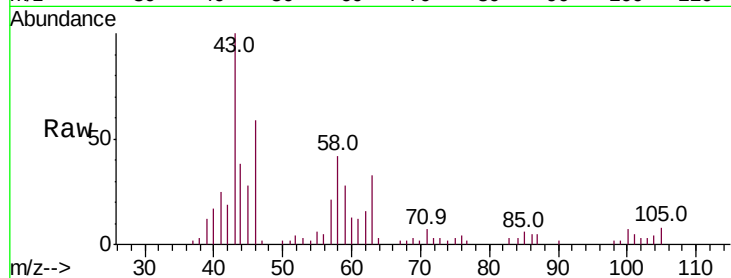
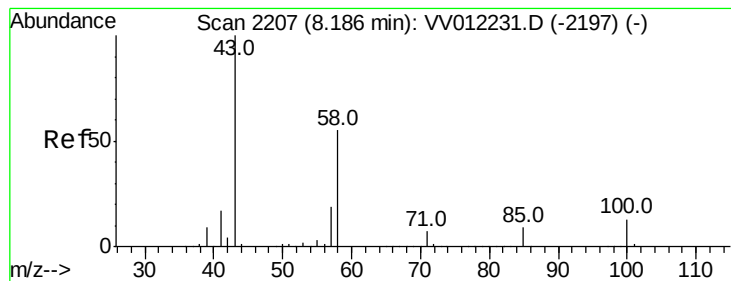
Abundance Ion 75.05 (74.75 to 75.75): VV012235.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV012235.D (-1961) (-)

7.67

Time-->





#48

2-Hexanone

Concen: 3.172 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012235.D

Acq: 14 Aug 2019 12:17

Instrument :
MSVOA_V

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	43.0	64.4#
57	14.4	14.9	22.3#
100	2.0	10.3	15.5#

