

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015472.D
 Acq On : 14 Apr 2020 19:36
 Operator : SY/MD
 Sample : L2273-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ92

Quant Time: Apr 15 02:25:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	110443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	106371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53393	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32589	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	28873	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.12	63	46302	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.93	46	76799	47.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.46%
24) Chloroform-d	4.38	84	58151	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	33777	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	122537	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	36895	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	113181	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.65	79	15084	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.11	63	62722	40.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26331	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41968	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

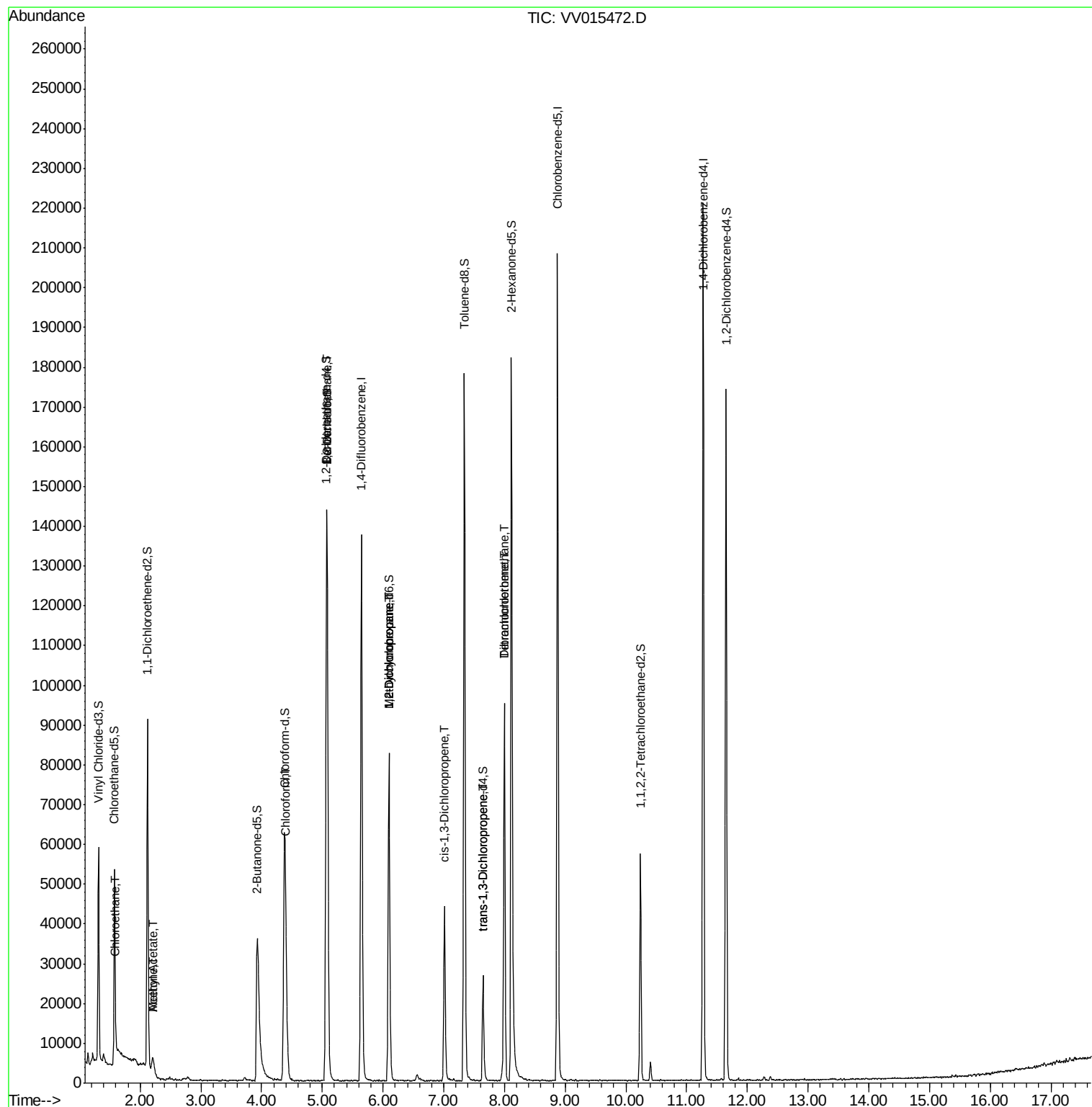
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	11185	1.924	ug/L #	54
13) Acetone	2.21	43	10191	8.965	ug/L #	54
15) Methyl Acetate	2.21	43	9913	2.947	ug/L #	57
25) Chloroform	4.41	83	16962	1.125	ug/L	97
27) 1,2-Dichloroethane	5.07	62	845	0.087	ug/L #	77
35) Methylcyclohexane	6.10	83	9438	0.654	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4441	0.562	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1104	0.091	ug/L #	69
44) trans-1,3-Dichloropropene	7.65	75	642	0.063	ug/L #	71
47) Tetrachloroethene	8.00	164	20581	3.242	ug/L	96
49) Dibromochloromethane	8.00	129	19354	3.044	ug/L #	10

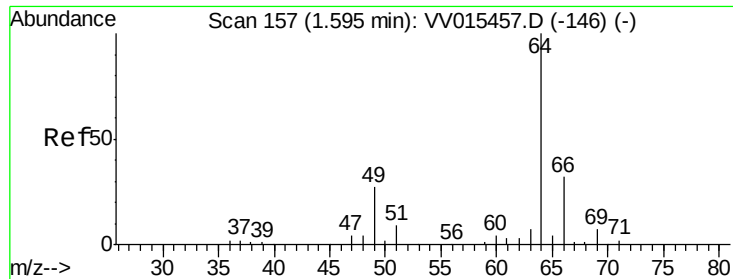
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.924 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

Instrument :

MSVOA_V

ClientSampled :

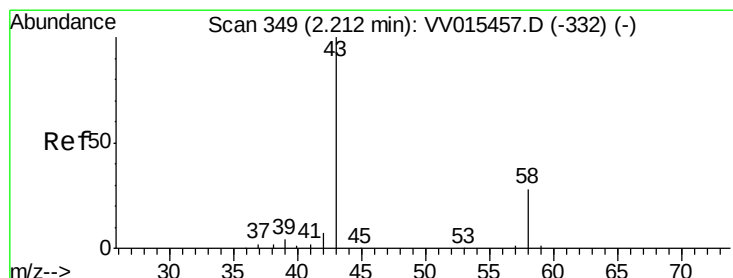
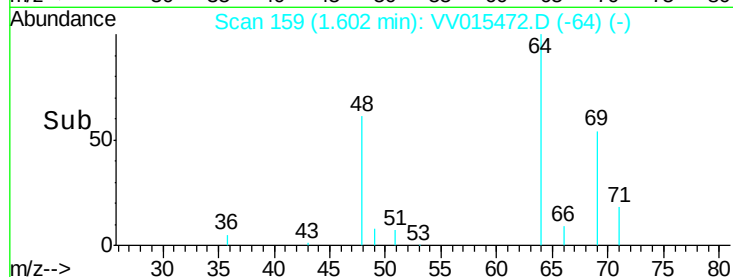
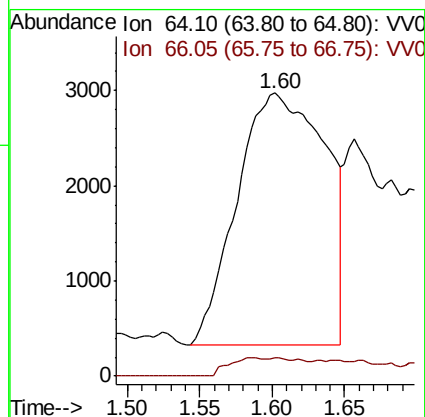
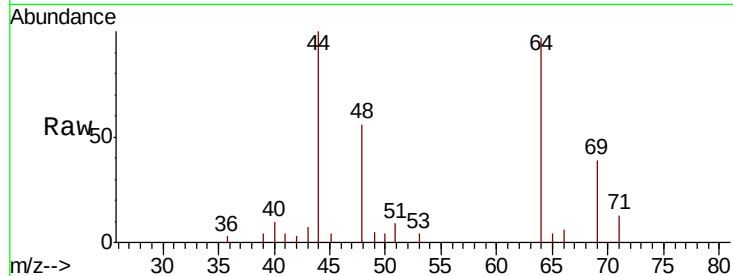
YAQ92

Tot Ion: 64 Resp: 11185

Ion Ratio Lower Upper

64 100

66 6.5 22.3 41.5#



#13

Acetone

Concen: 8.965 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV015472.D

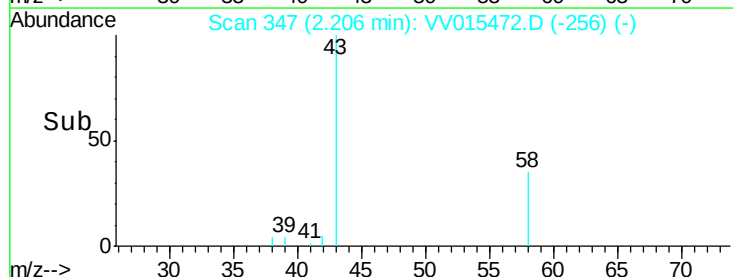
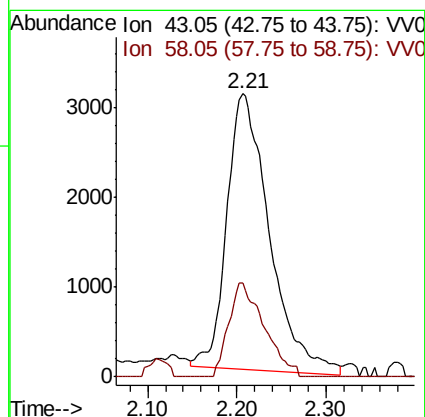
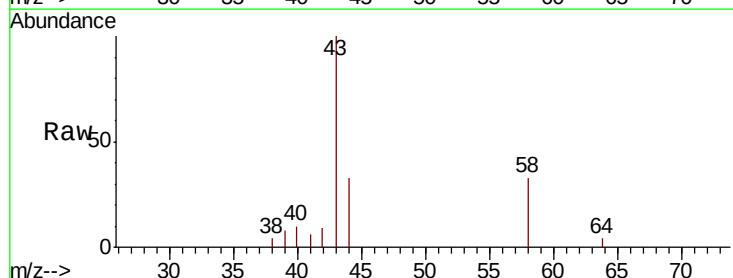
Acq: 14 Apr 2020 19:36

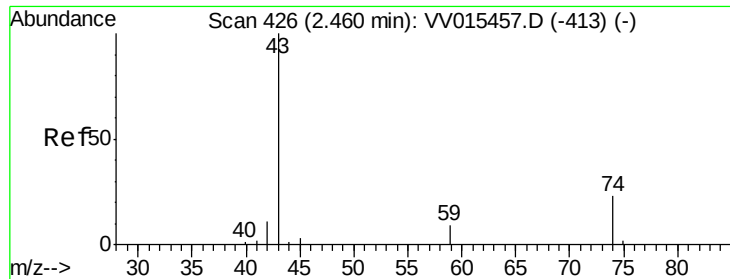
Tgt Ion: 43 Resp: 10191

Ion Ratio Lower Upper

43 100

58 28.5 0.0 22.2#

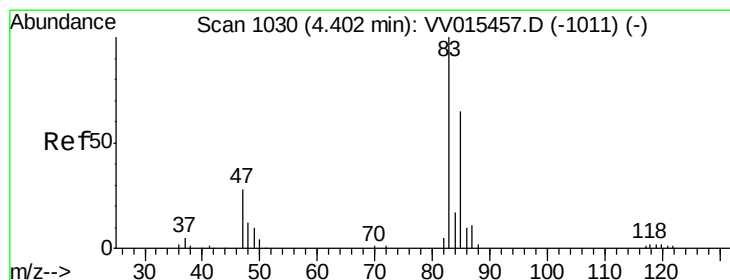
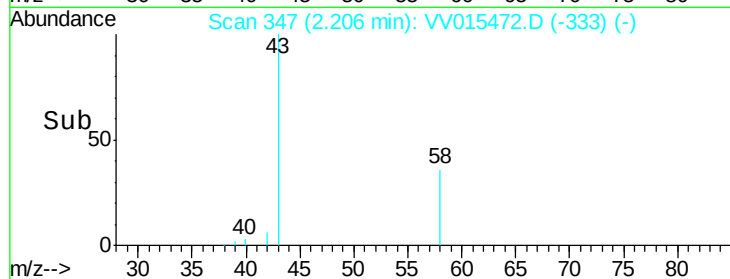
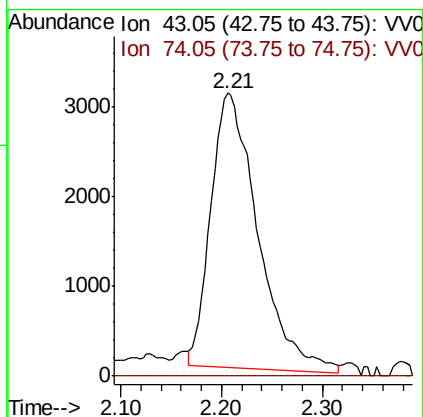
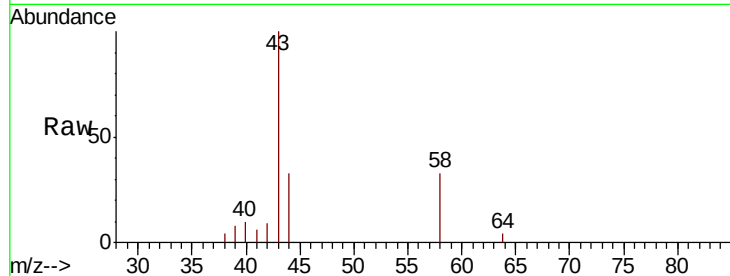




#15
Methvl Acetate
Concen: 2.947 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.25 min
Lab File: VV015472.D
Acq: 14 Apr 2020 19:36

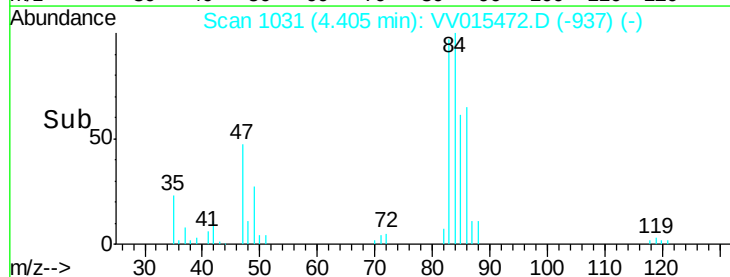
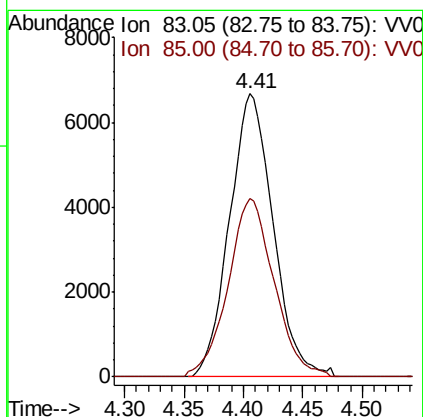
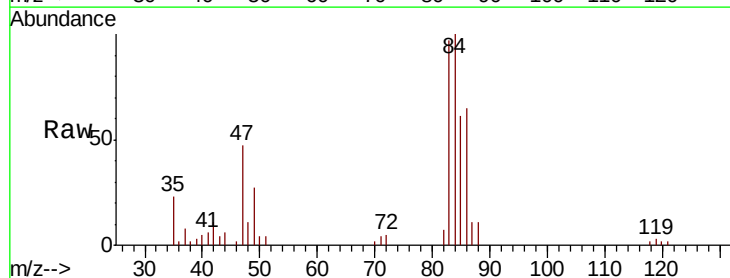
Instrument :
MSVOA_V
ClientSampled :
YQA92

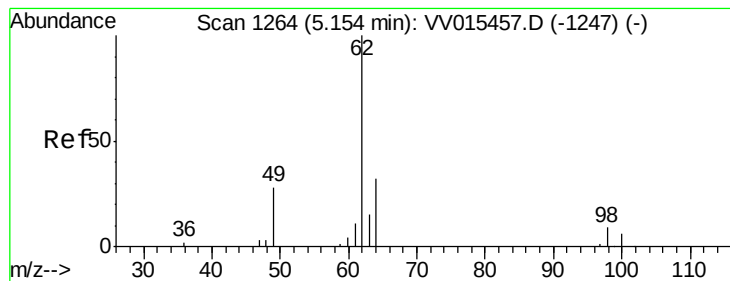
Tot Ion: 43 Resp: 9913
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 1.125 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015472.D
Acq: 14 Apr 2020 19:36

Tgt Ion: 83 Resp: 16962
Ion Ratio Lower Upper
83 100
85 62.9 45.9 85.3





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

Instrument :

MSVOA_V

ClientSampleId :

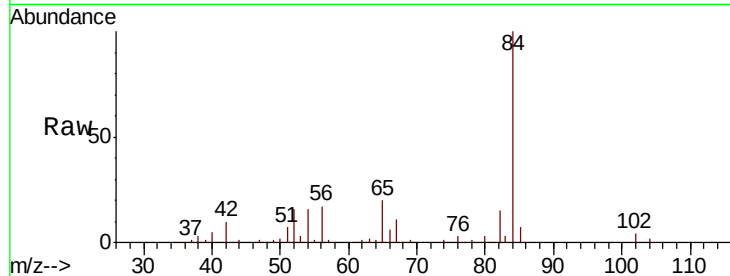
YQA92

Tot Ion: 62 Resp: 845

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.07

400

300

200

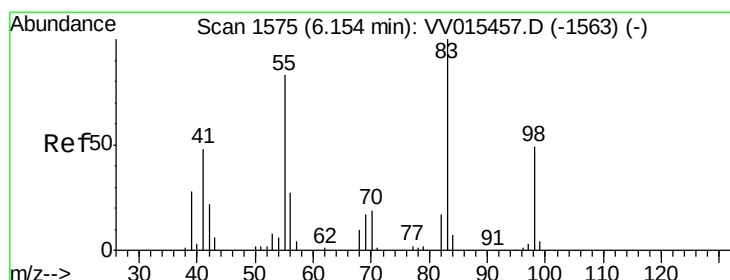
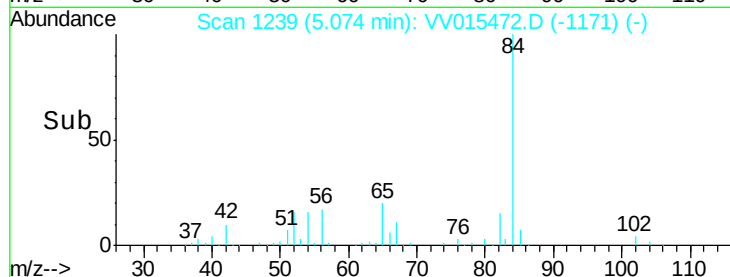
100

0

5.05

5.10

Time-->



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

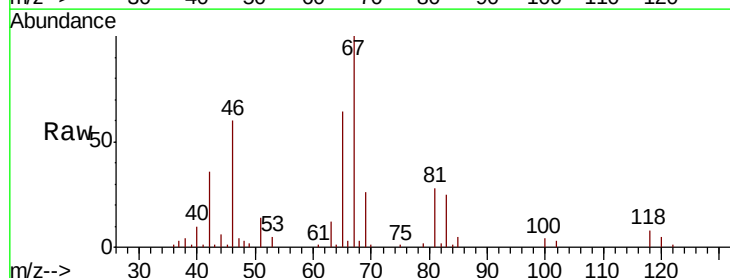
Tgt Ion: 83 Resp: 9438

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

98 0.0 38.7 58.1#



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

6.10

6000

5000

4000

3000

2000

1000

0

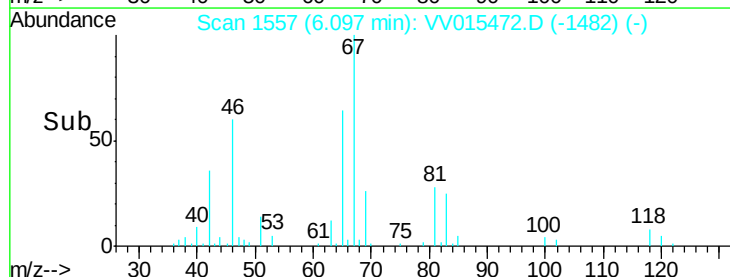
6.05

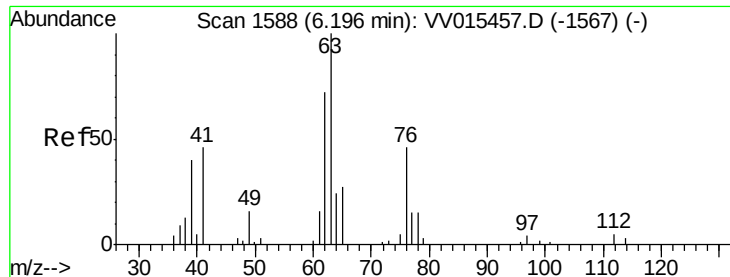
6.10

6.15

6.20

Time-->

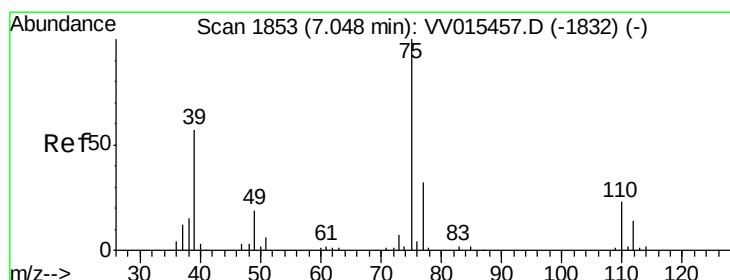
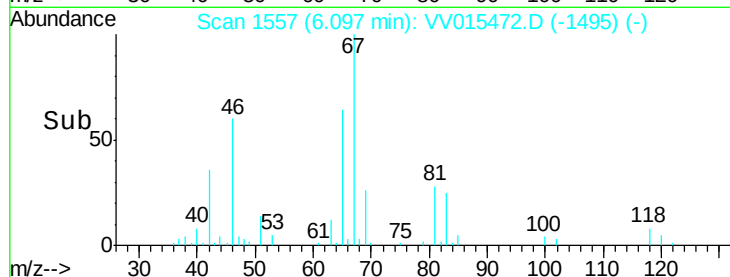
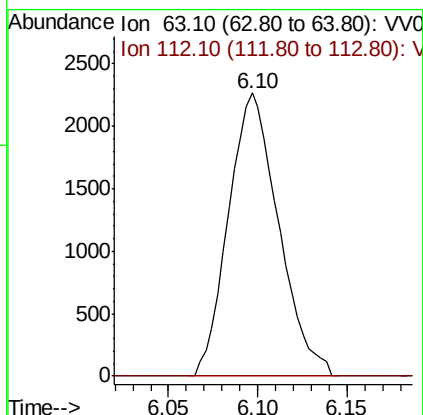
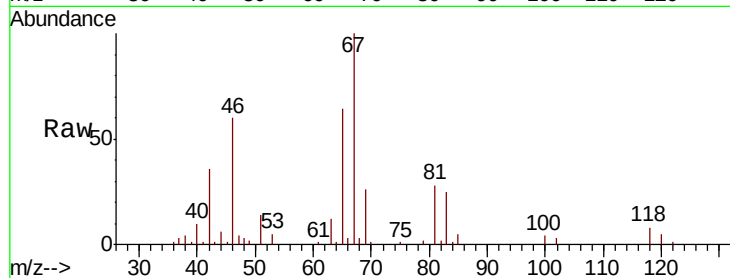




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015472.D
 Acq: 14 Apr 2020 19:36

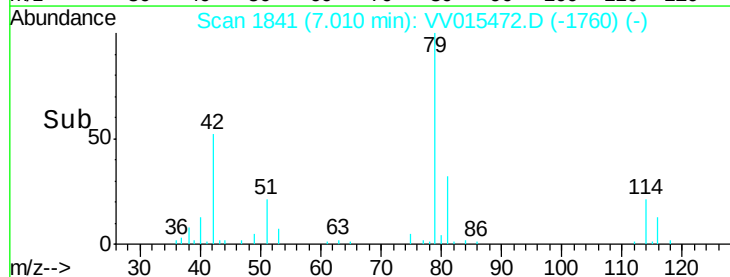
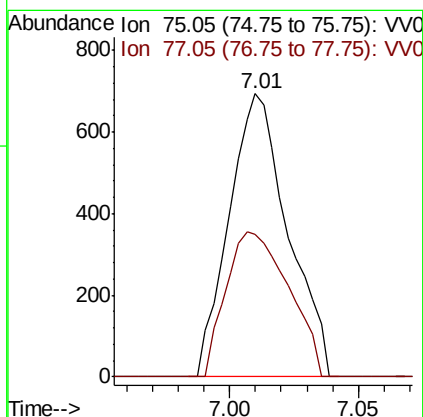
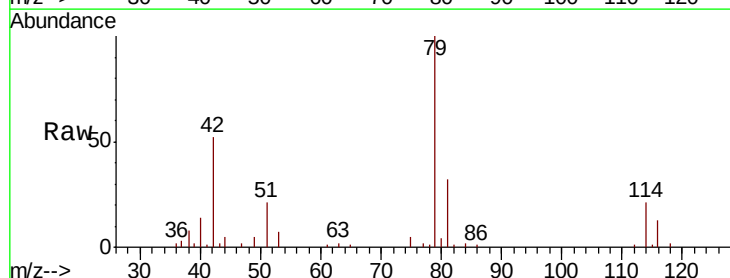
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ92

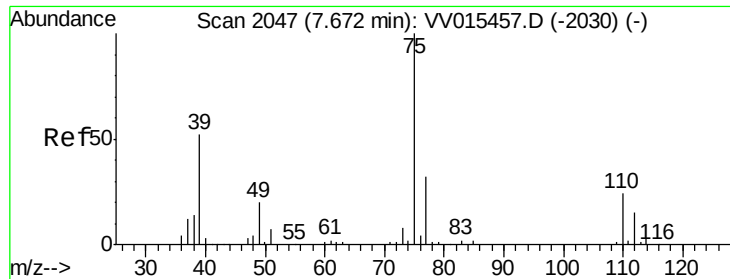
Tot Ion: 63 Resp: 4441
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015472.D
 Acq: 14 Apr 2020 19:36

Tgt Ion: 75 Resp: 1104
 Ion Ratio Lower Upper
 75 100
 77 50.5 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

Instrument :

MSVOA_V

ClientSampleId :

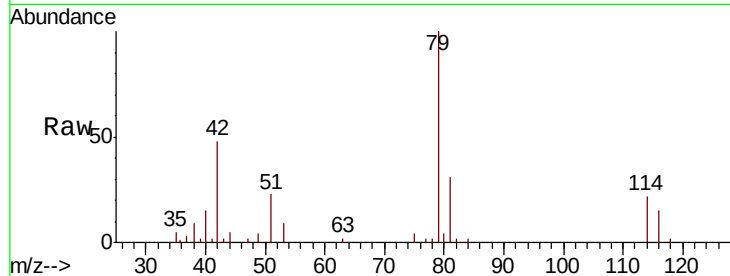
YAQ92

Tot Ion: 75 Resp: 642

Ion Ratio Lower Upper

75 100

77 45.9 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

400

300

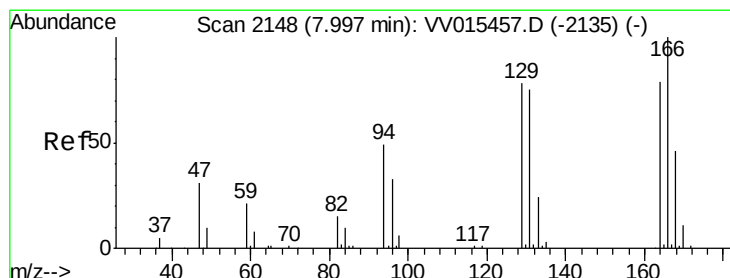
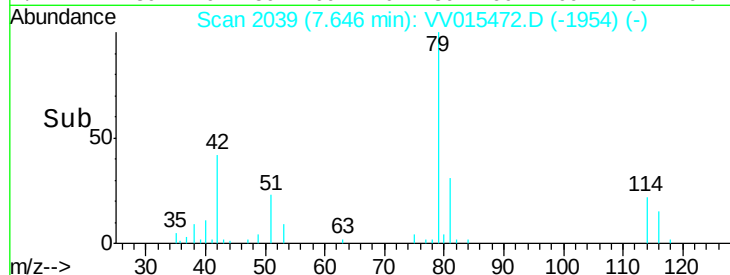
200

100

0

7.60 7.62 7.64 7.66 7.68

Time-->



#47

Tetrachloroethene

Concen: 3.242 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

Tgt Ion:164 Resp: 20581

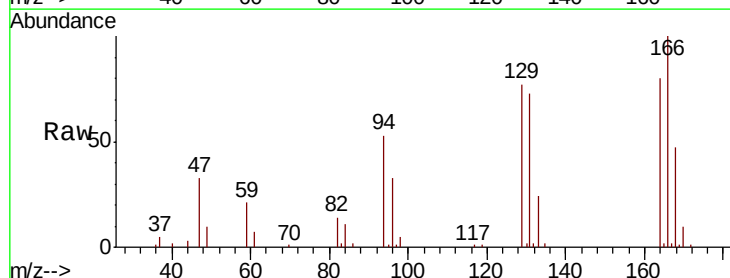
Ion Ratio Lower Upper

164 100

129 96.0 70.6 131.0

131 91.5 68.3 126.8

166 125.2 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

20000

15000

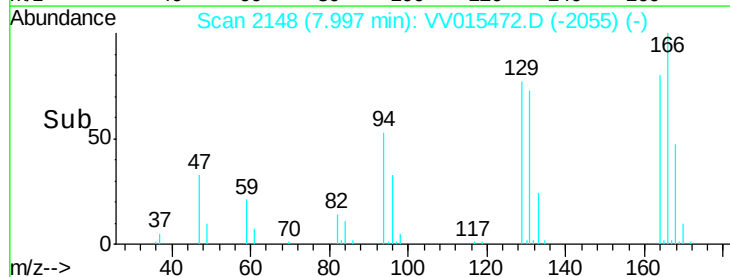
10000

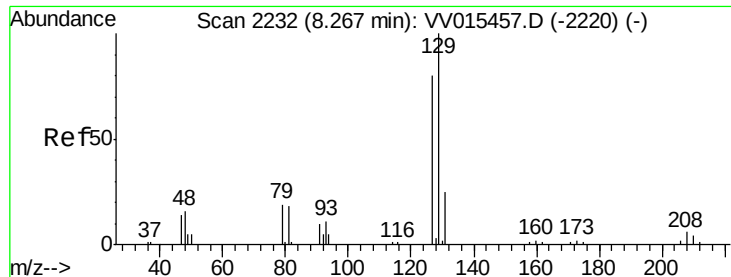
5000

0

7.95 8.00 8.05

Time-->





#49

Dibromochloromethane

Concen: 3.044 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015472.D

Acq: 14 Apr 2020 19:36

Instrument :
MSVOA_V
ClientSampleId :
YAQ92

Tot Ion:129 Resp: 19354

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

