

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015586.D
 Acq On : 20 Apr 2020 17:14
 Operator : SY/MD
 Sample : L2333-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 21 00:11:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99954	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21625	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	22438	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	34627	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.93	46	81822	56.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	4.38	84	58725	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	31369	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.08	84	102067	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.10	67	32720	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	92052	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.65	79	11018	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.11	63	63290	46.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23132	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	35406	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

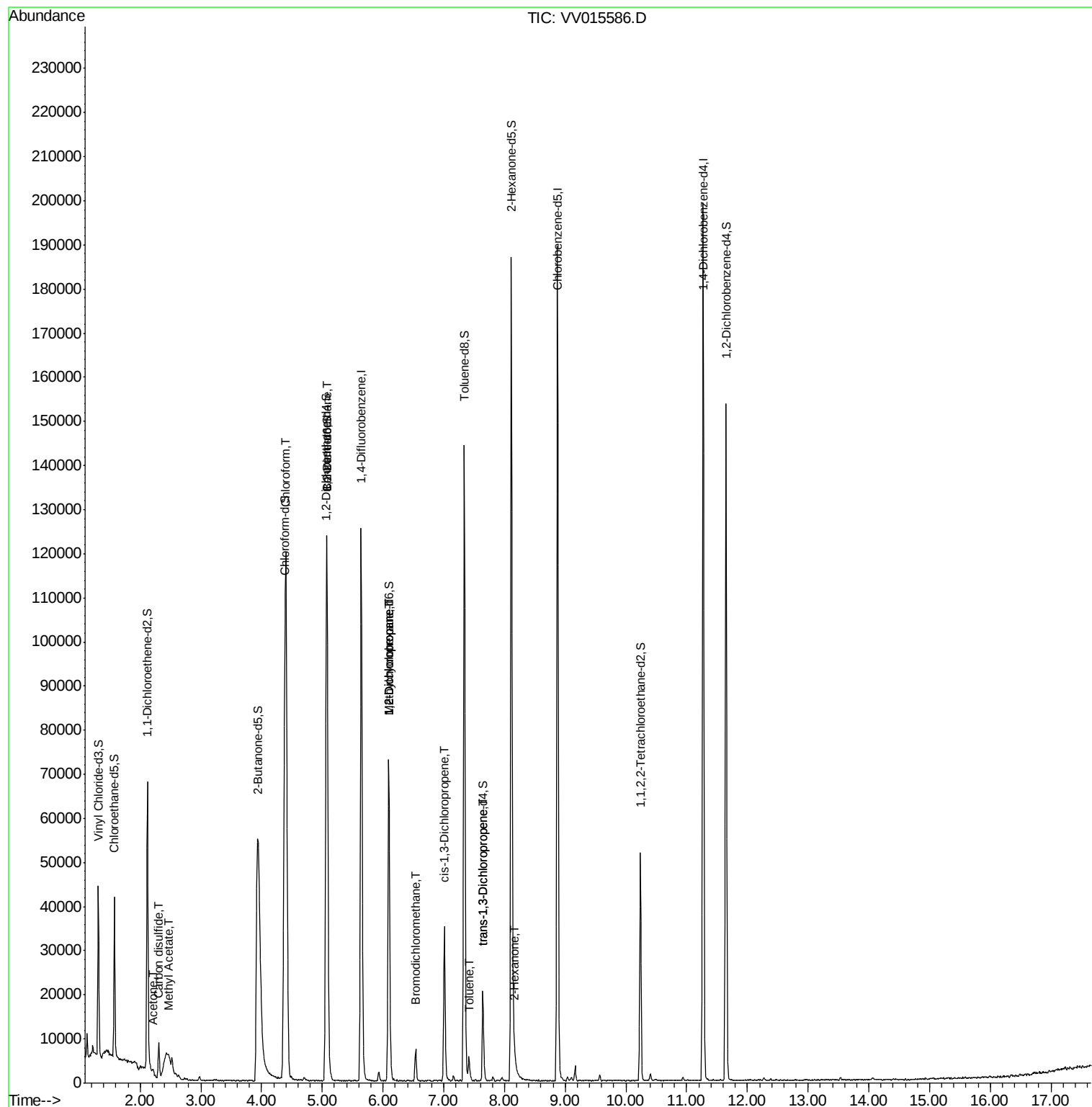
					Ovalue
13) Acetone	2.21	43	4027	3.914	ug/L 97
14) Carbon disulfide	2.31	76	8997	0.411	ug/L 99
15) Methyl Acetate	2.47	43	2461	0.808	ug/L # 57
25) Chloroform	4.40	83	98059	7.189	ug/L 100
27) 1,2-Dichloroethane	5.08	62	737	0.084	ug/L # 77
35) Methylcyclohexane	6.09	83	7911	0.618	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	4289	0.612	ug/L # 86
38) Bromodichloromethane	6.54	83	4997	0.535	ug/L # 92
39) cis-1,3-Dichloropropene	7.01	75	987	0.092	ug/L # 53
42) Toluene	7.42	91	3893	0.127	ug/L 99
44) trans-1,3-Dichloropropene	7.65	75	566	0.062	ug/L # 79
48) 2-Hexanone	8.17	43	2602	0.810	ug/L # 53

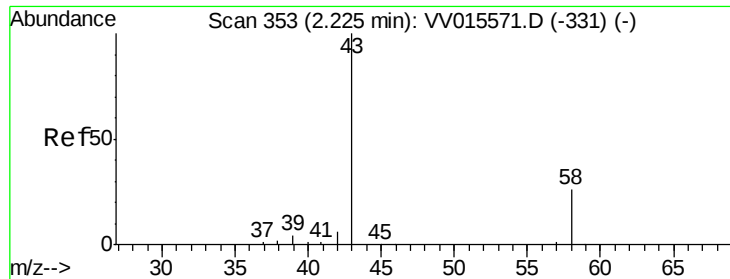
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.914 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV015586.D

Acq: 20 Apr 2020 17:14

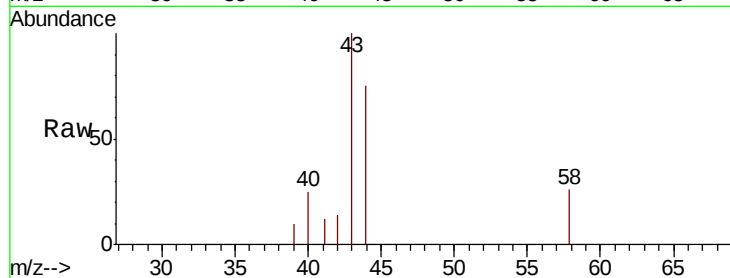
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4027

Ion Ratio Lower Upper

43 100

58 10.1 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV015571.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV015571.D (-331) (-)

2.21

1200

1000

800

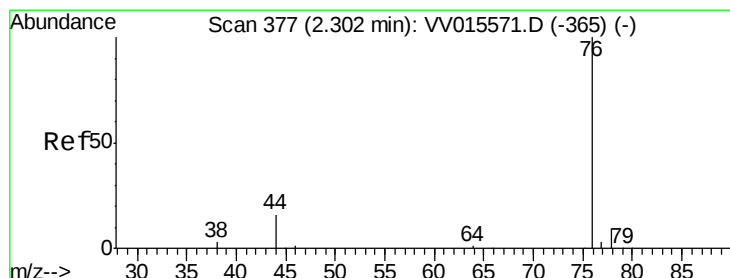
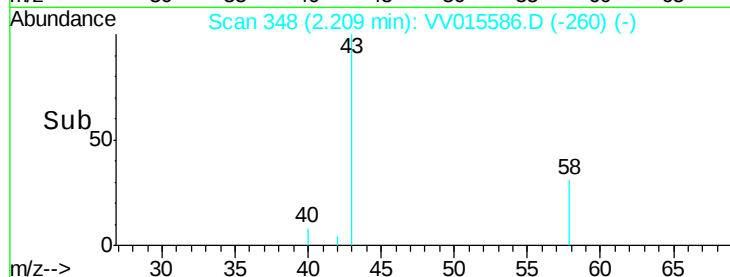
600

400

200

0

Time-->



#14

Carbon disulfide

Concen: 0.411 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015586.D

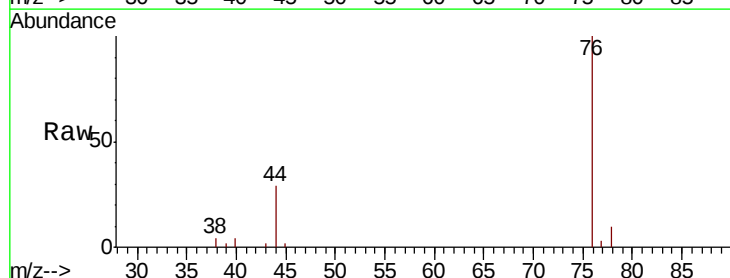
Acq: 20 Apr 2020 17:14

Tgt Ion: 76 Resp: 8997

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV015571.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015571.D (-365) (-)

2.31

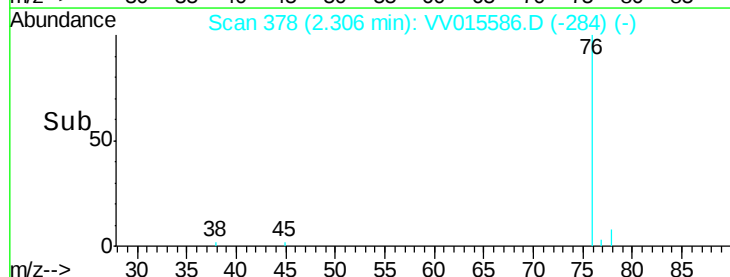
6000

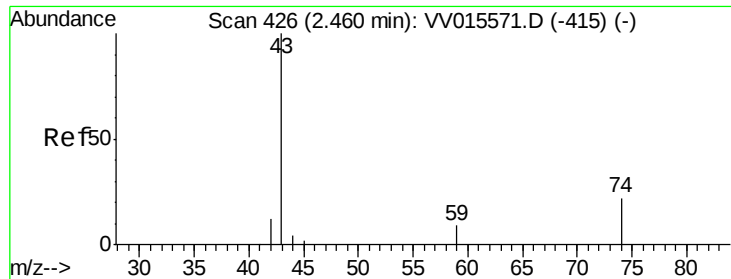
4000

2000

0

Time-->

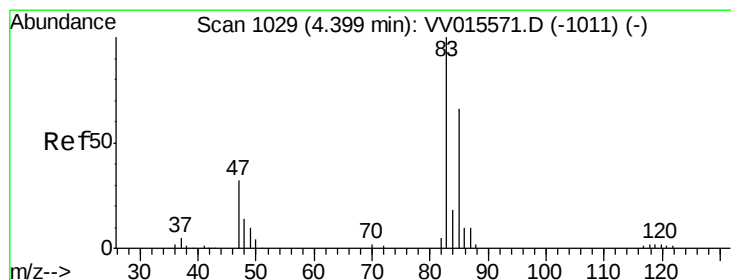
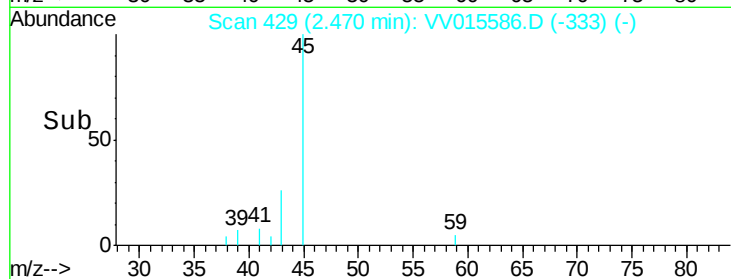
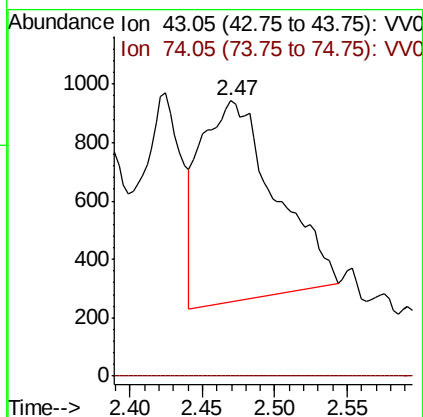
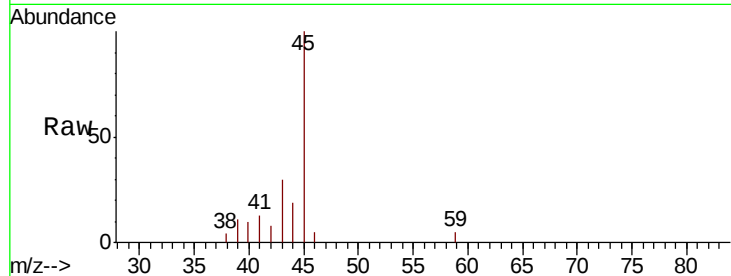




#15
Methvl Acetate
Concen: 0.808 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV015586.D
Acq: 20 Apr 2020 17:14

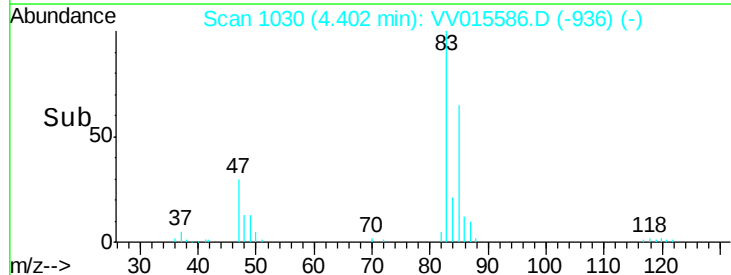
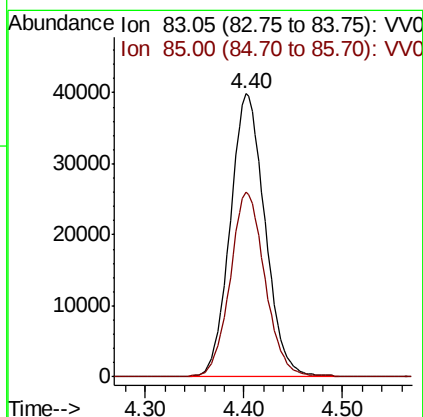
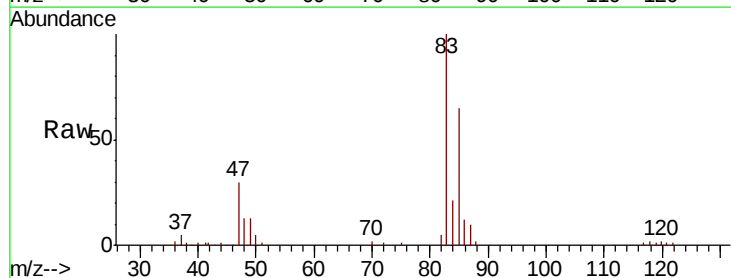
Instrument :
MSVOA_V
ClientSampled :

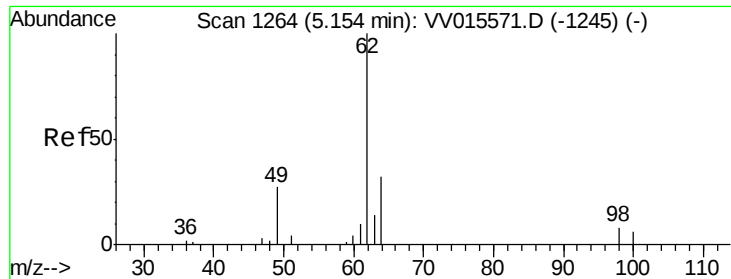
Tot Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 7.189 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015586.D
Acq: 20 Apr 2020 17:14

Tgt Ion: 83 Resp: 98059
Ion Ratio Lower Upper
83 100
85 65.2 45.9 85.3

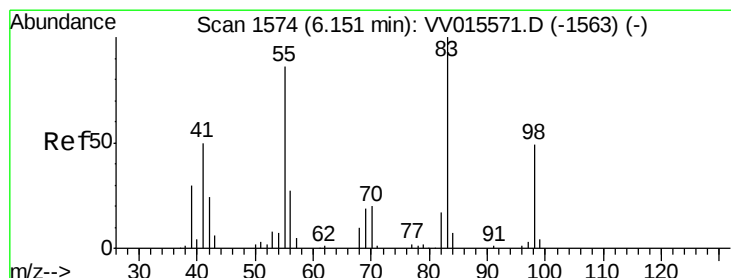
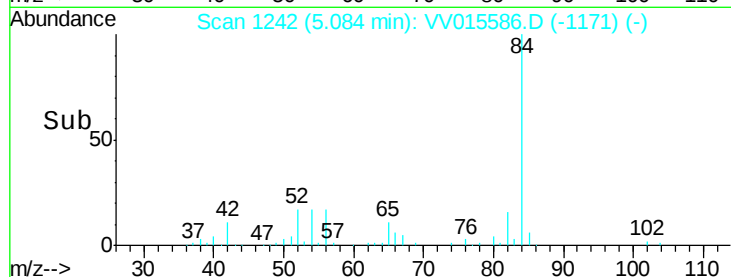
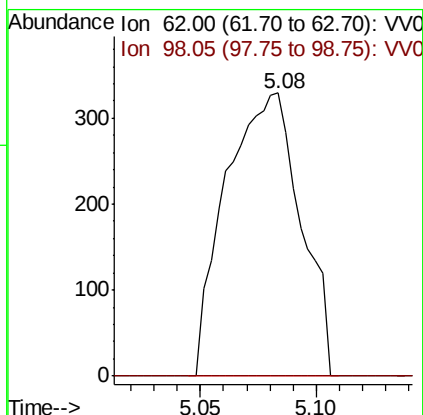
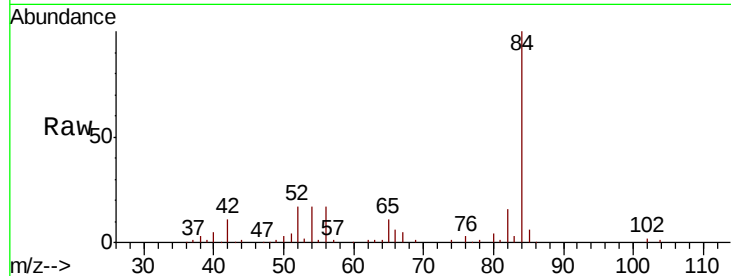




#27
 1,2-Dichloroethane
 Concen: 0.084 ug/L
 RT: 5.08 min Scan# 1242
 Delta R.T. -0.07 min
 Lab File: VV015586.D
 Acq: 20 Apr 2020 17:14

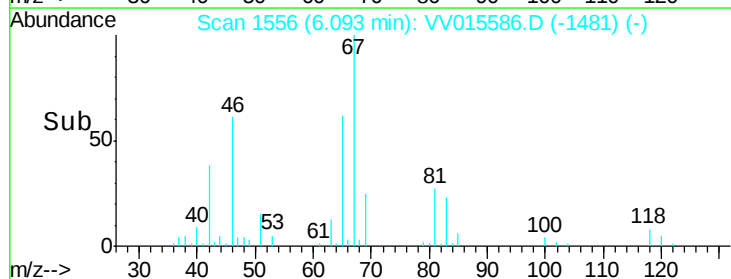
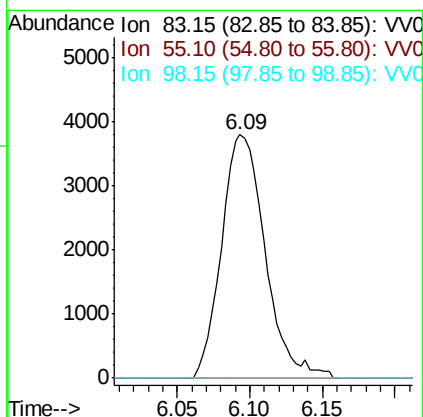
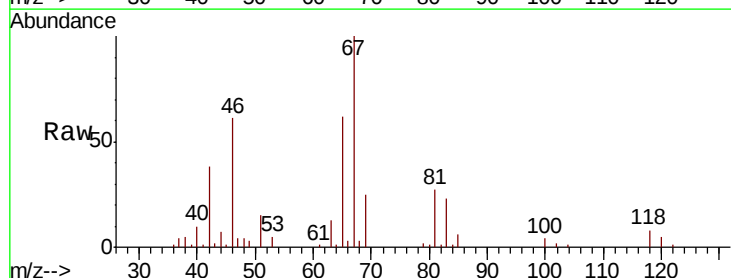
Instrument :
 MSVOA_V
 ClientSampleId :

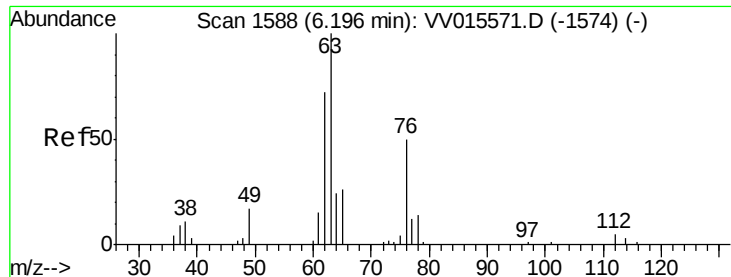
Tot Ion: 62 Resp: 737
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.618 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015586.D
 Acq: 20 Apr 2020 17:14

Tgt Ion: 83 Resp: 7911
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 1.1 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015586.D

Acq: 20 Apr 2020 17:14

Instrument :

MSVOA_V

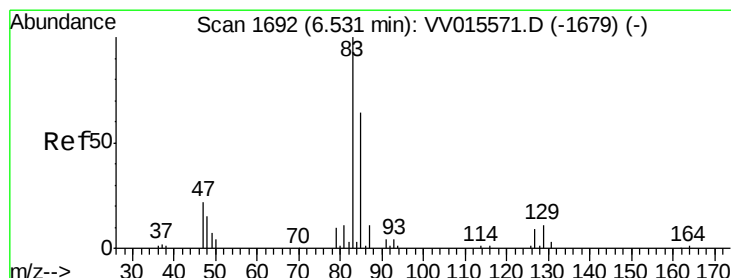
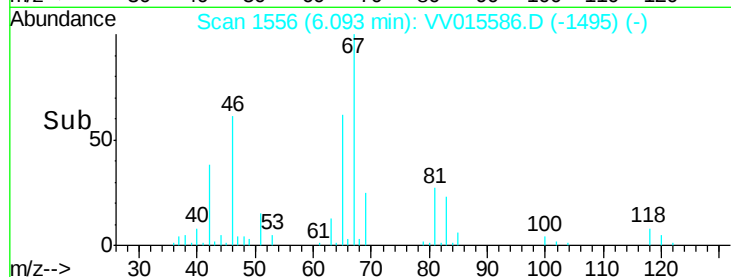
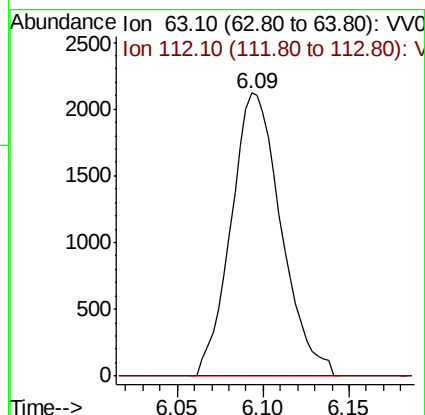
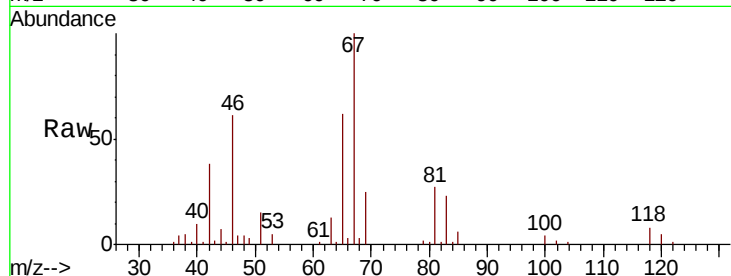
ClientSampleId :

Tot Ion: 63 Resp: 4289

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 0.535 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VV015586.D

Acq: 20 Apr 2020 17:14

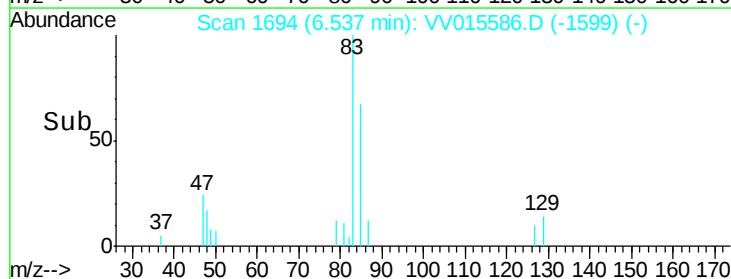
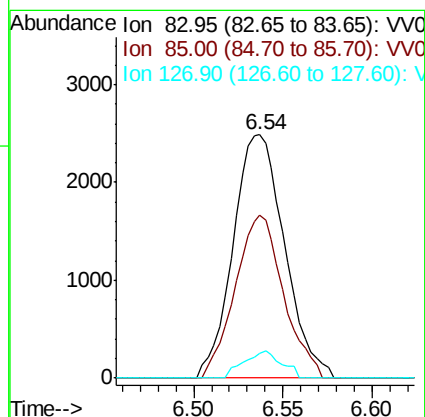
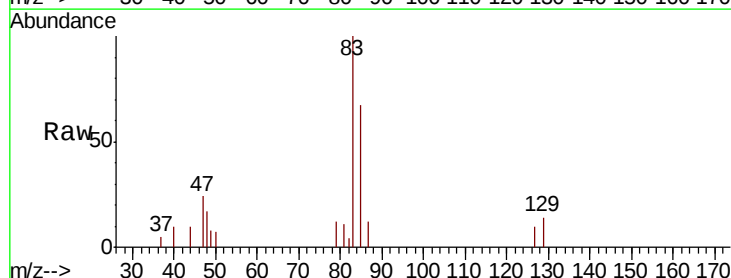
Tgt Ion: 83 Resp: 4997

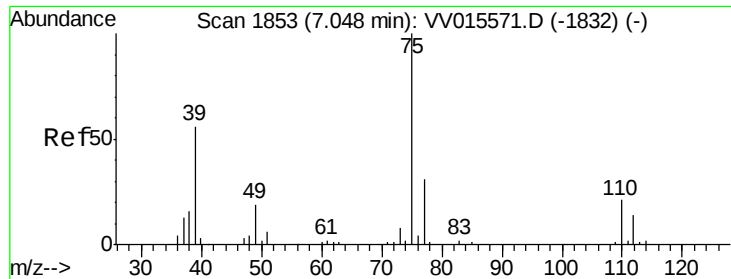
Ion Ratio Lower Upper

83 100

85 66.9 42.6 79.2

127 10.4 6.6 9.8#

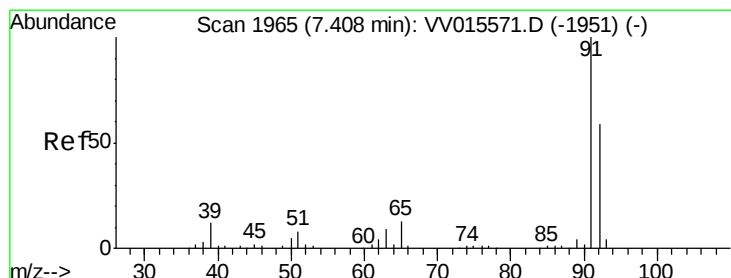
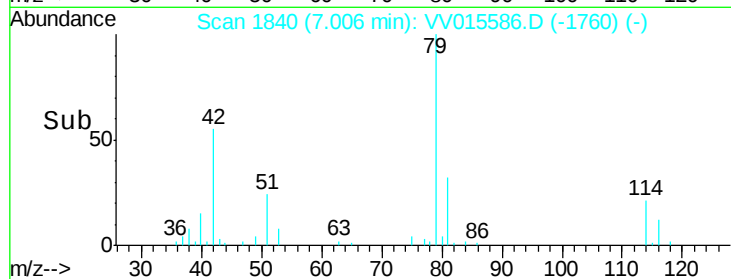
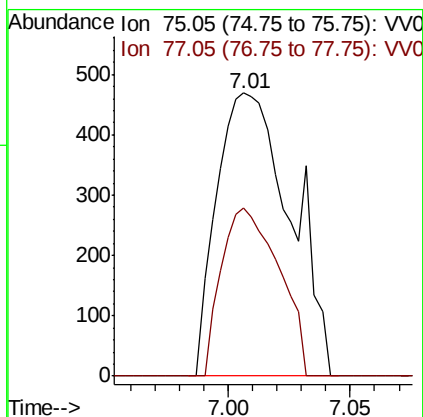
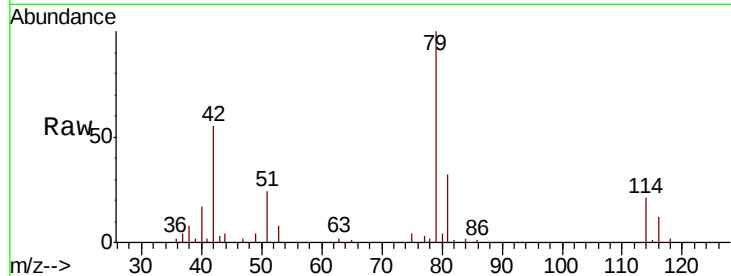




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015586.D
 Acq: 20 Apr 2020 17:14

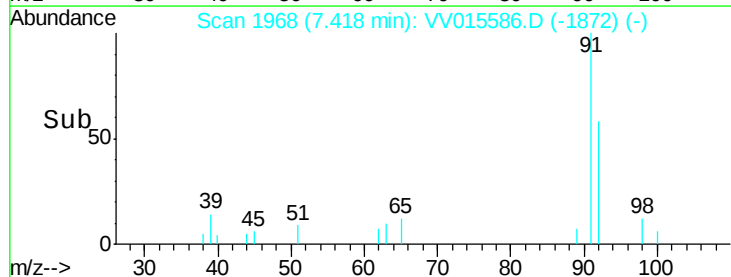
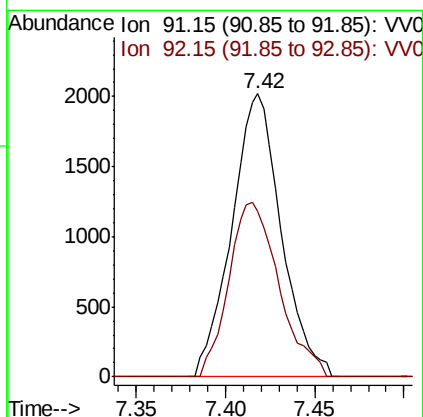
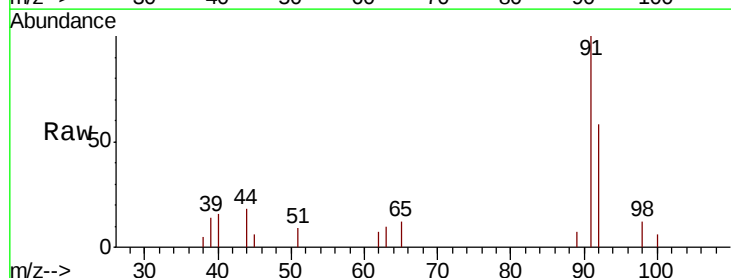
Instrument :
 MSVOA_V
 ClientSampled :

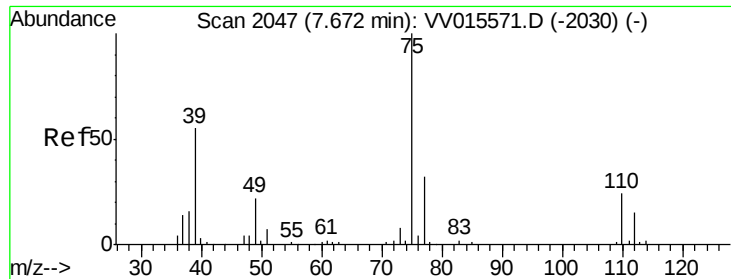
Tot Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 59.3 23.0 42.6#



#42
 Toluene
 Concen: 0.127 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV015586.D
 Acq: 20 Apr 2020 17:14

Tgt Ion: 91 Resp: 3893
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015586.D

Acq: 20 Apr 2020 17:14

Instrument :

MSVOA_V

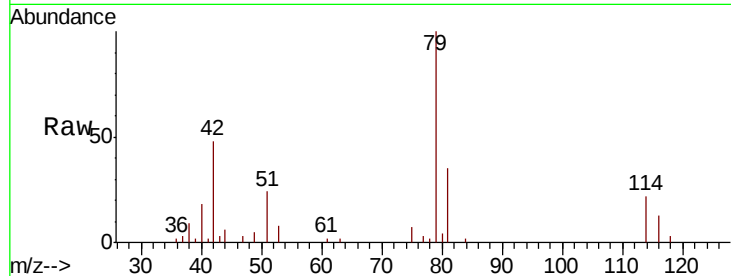
ClientSampleId :

Tot Ion: 75 Resp: 566

Ion Ratio Lower Upper

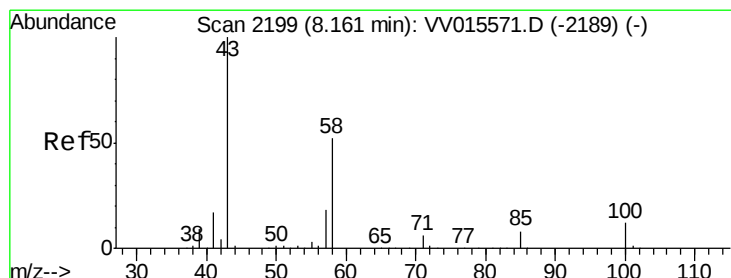
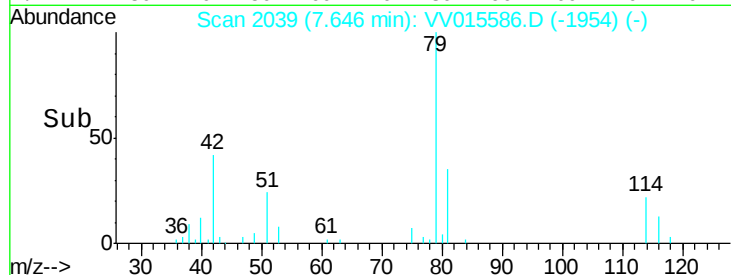
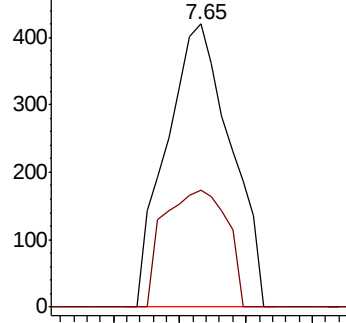
75 100

77 41.2 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.810 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015586.D

Acq: 20 Apr 2020 17:14

Tgt Ion: 43 Resp: 2602

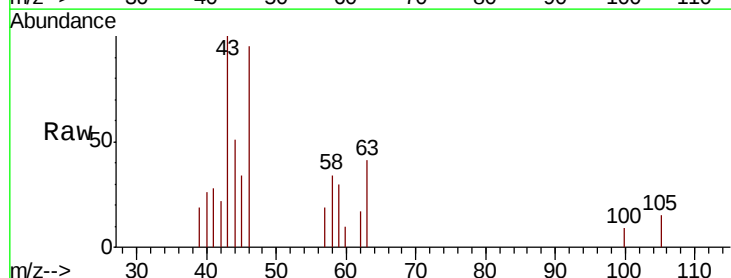
Ion Ratio Lower Upper

43 100

58 7.4 41.4 62.0#

57 10.3 15.0 22.4#

100 4.6 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

