

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016275.D
 Acq On : 28 May 2020 14:32
 Operator : SY/MD
 Sample : L2662-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:15:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88779	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86372	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22164	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	21374	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.13	63	33064	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.94	46	71363	50.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	4.38	84	49760	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	28027	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.08	84	96710	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	31191	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	86012	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	7.65	79	9888	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.12	63	49987	44.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20710	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	31607	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

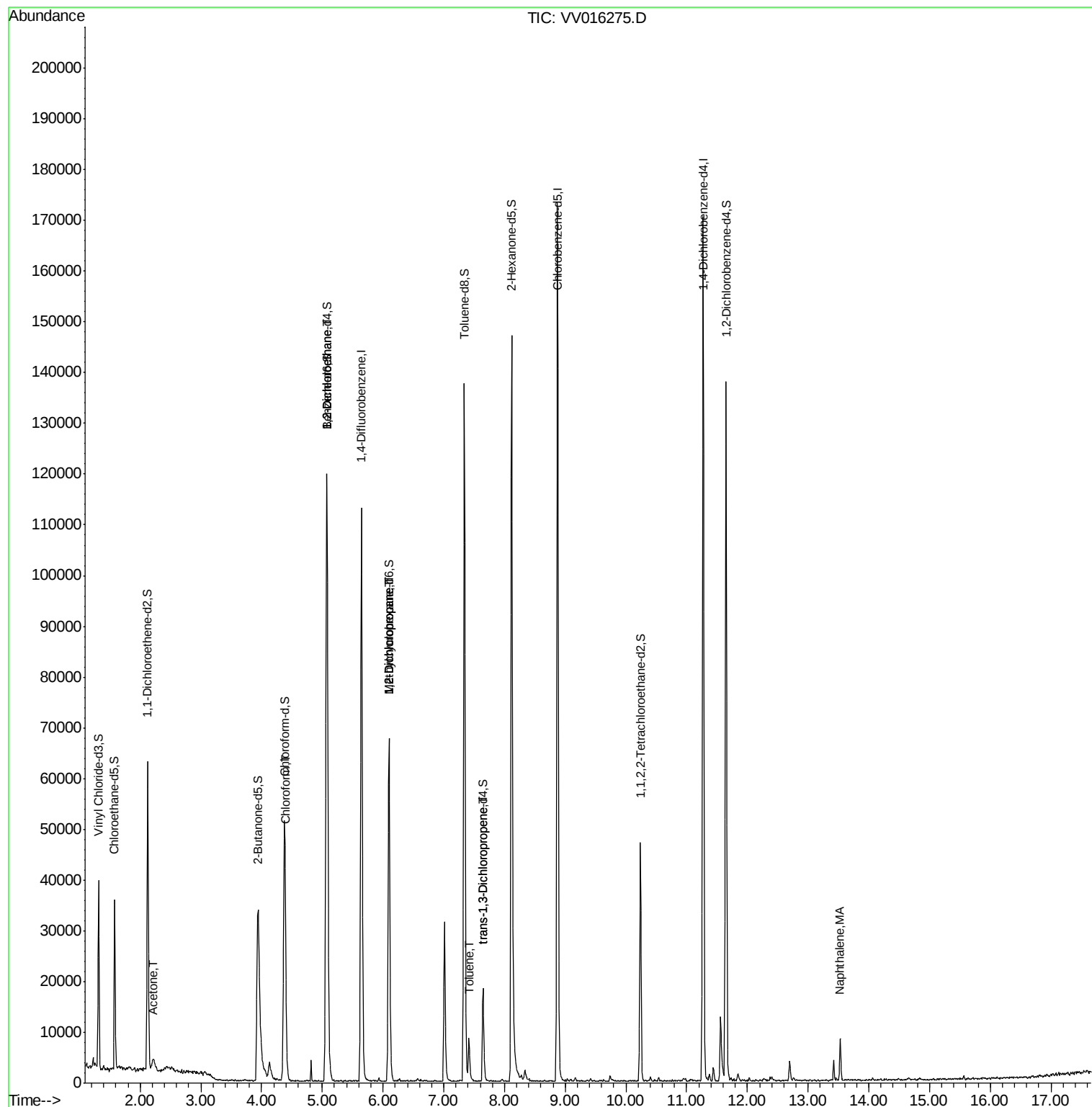
					Ovalue
13) Acetone	2.21	43	3643	4.161 ug/L	99
25) Chloroform	4.40	83	1456	0.126 ug/L #	70
27) 1,2-Dichloroethane	5.07	62	598	0.079 ug/L #	79
35) Methylcyclohexane	6.10	83	7543	0.691 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3774	0.619 ug/L #	88
42) Toluene	7.41	91	5672	0.209 ug/L	94
46) trans-1,3-Dichloropropene	7.64	75	506	0.071 ug/L #	44
70) Naphthalene	13.53	128	6226	0.389 ug/L	97

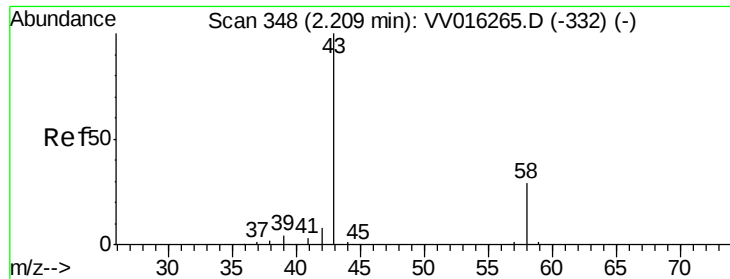
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.161 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV016275.D

Acq: 28 May 2020 14:32

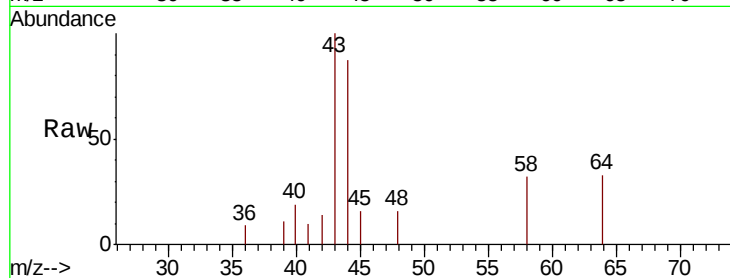
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3643

Ion Ratio Lower Upper

43 100

58 23.8 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV016265.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV016265.D (-332) (-)

2.21

1500

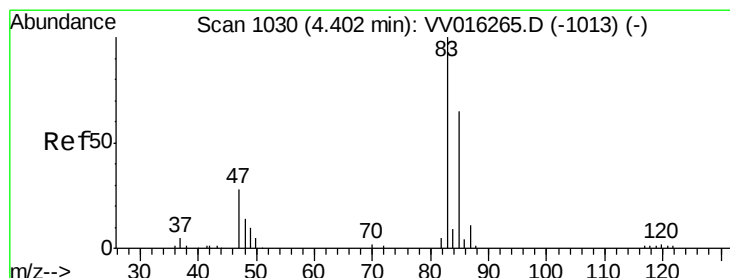
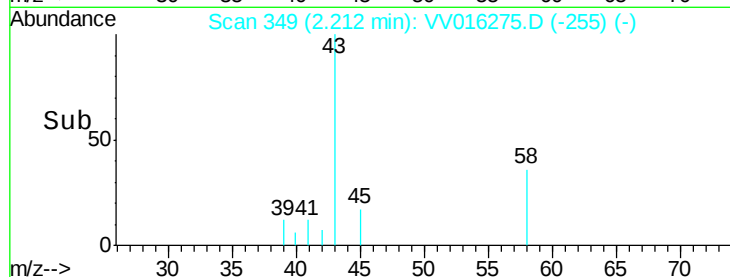
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.126 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV016275.D

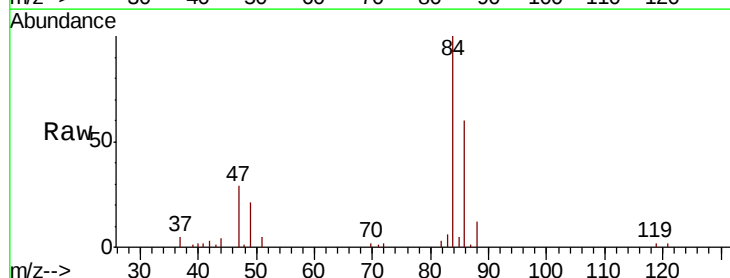
Acq: 28 May 2020 14:32

Tgt Ion: 83 Resp: 1456

Ion Ratio Lower Upper

83 100

85 87.6 45.1 83.7#



Abundance Ion 83.05 (82.75 to 83.75): VV016265.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV016265.D (-1013) (-)

4.40

600

500

400

300

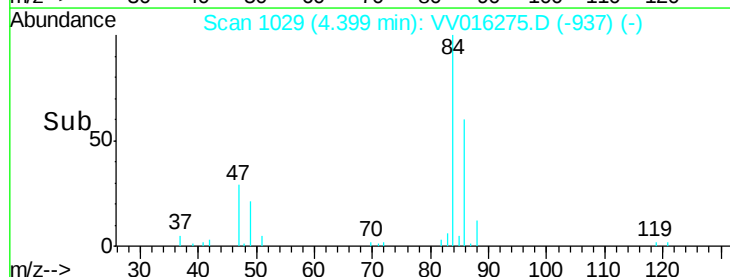
200

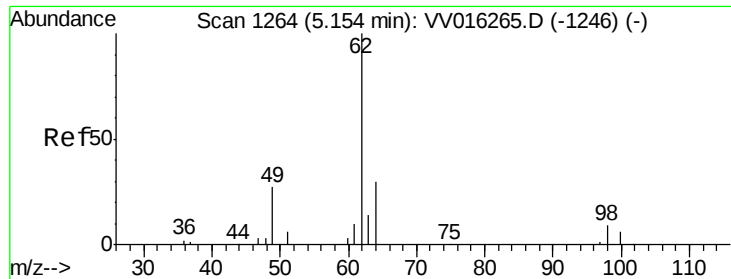
100

0

Time-->

4.35 4.40 4.45

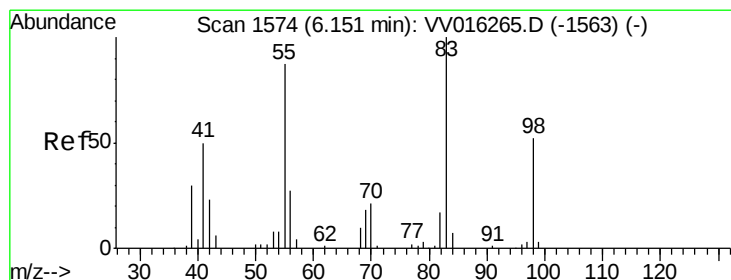
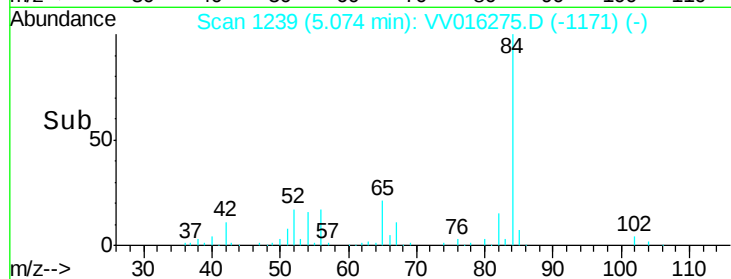
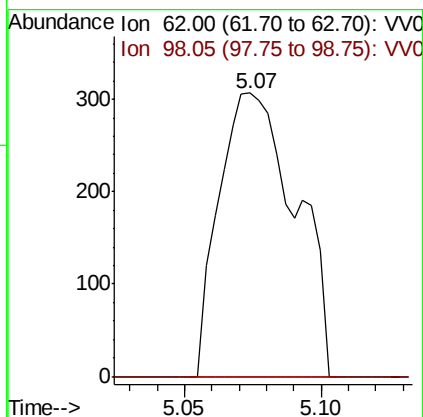
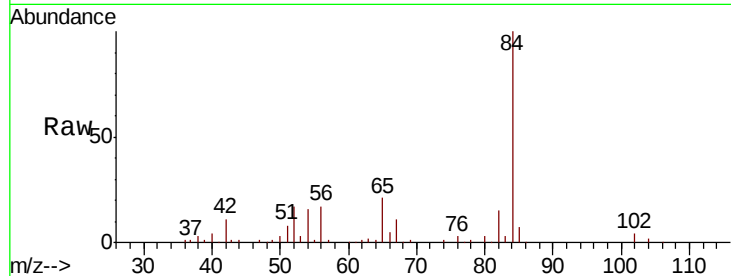




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016275.D
 Acq: 28 May 2020 14:32

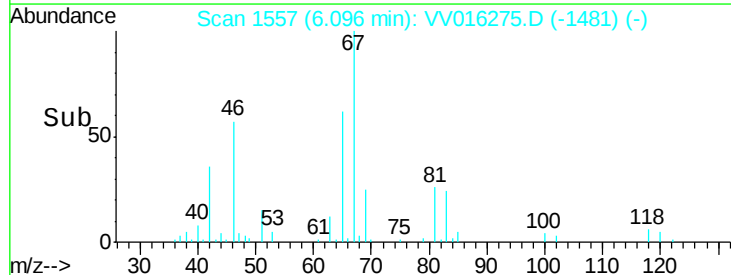
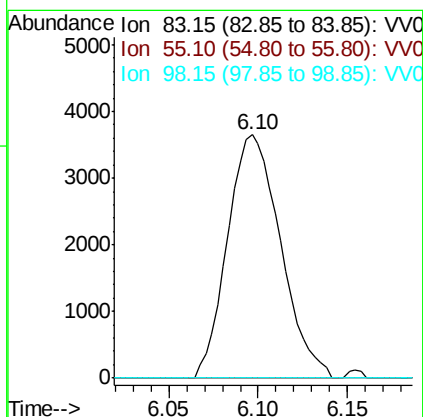
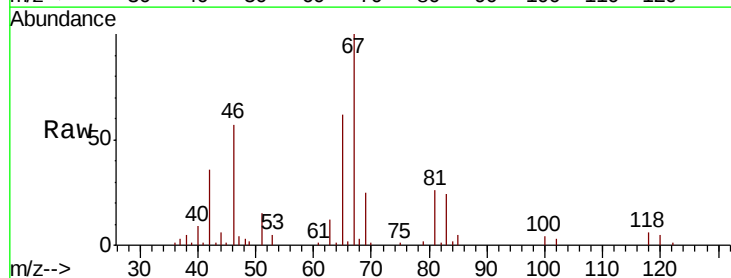
Instrument :
 MSVOA_V
 ClientSampleId :

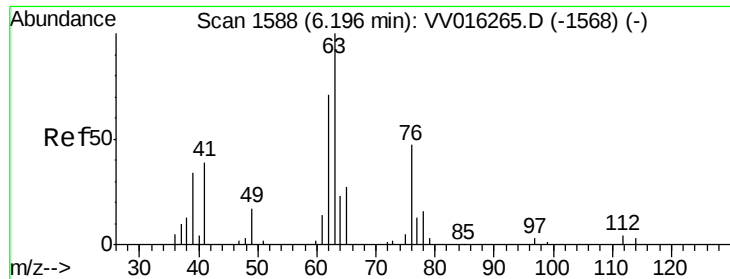
Tot Ion: 62 Resp: 598
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.691 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016275.D
 Acq: 28 May 2020 14:32

Tgt Ion: 83 Resp: 7543
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.3 39.3 58.9#

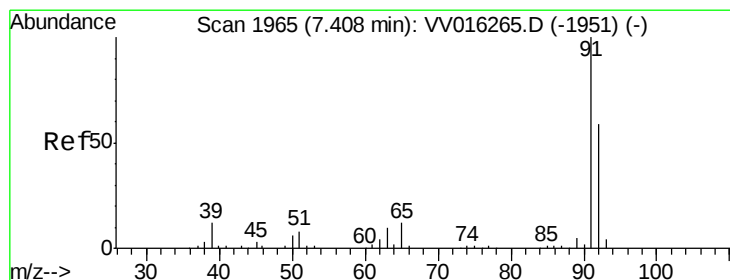
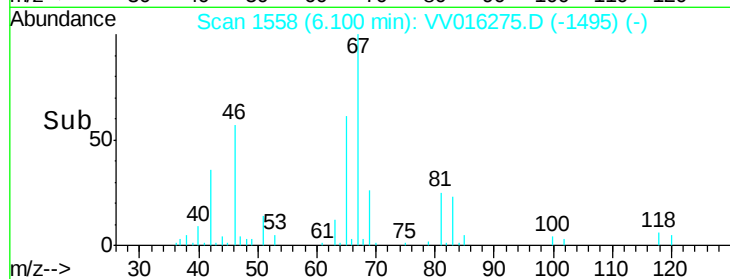
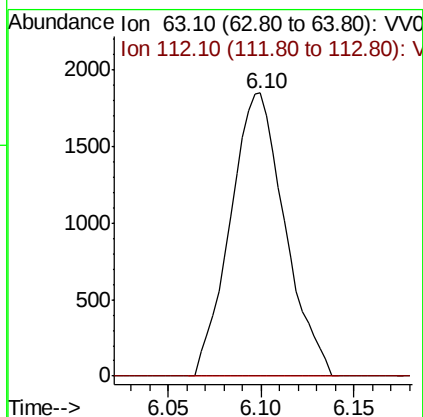
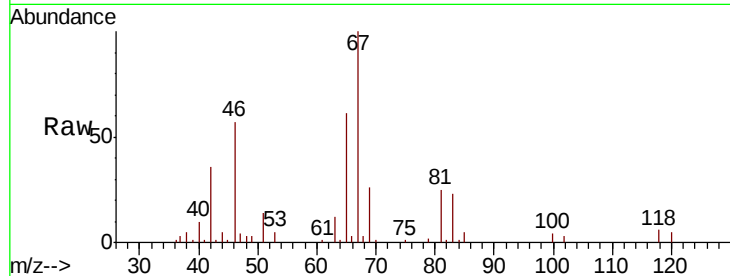




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV016275.D
 Acq: 28 May 2020 14:32

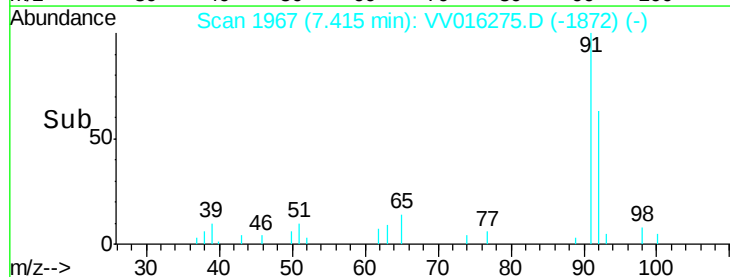
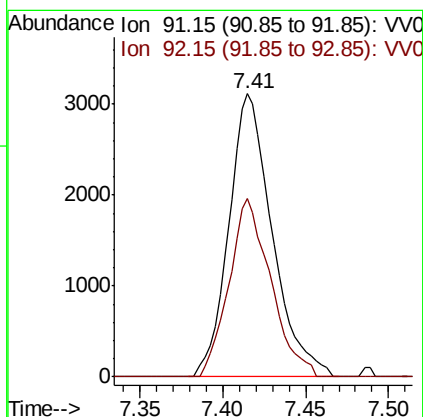
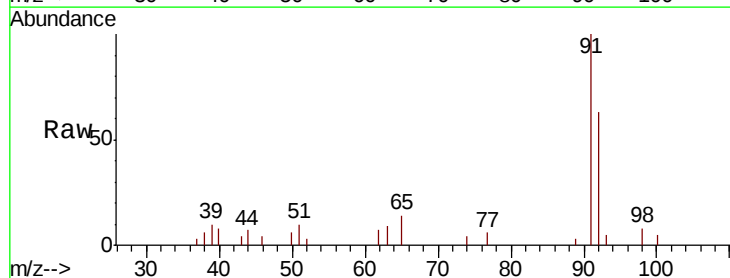
Instrument :
 MSVOA_V
 ClientSampleId :

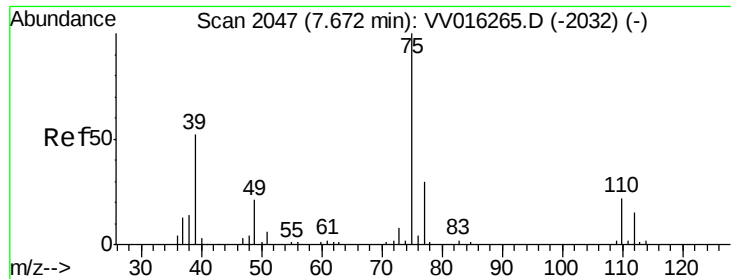
Tot Ion: 63 Resp: 3774
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.209 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016275.D
 Acq: 28 May 2020 14:32

Tgt Ion: 91 Resp: 5672
 Ion Ratio Lower Upper
 91 100
 92 63.1 40.9 76.0

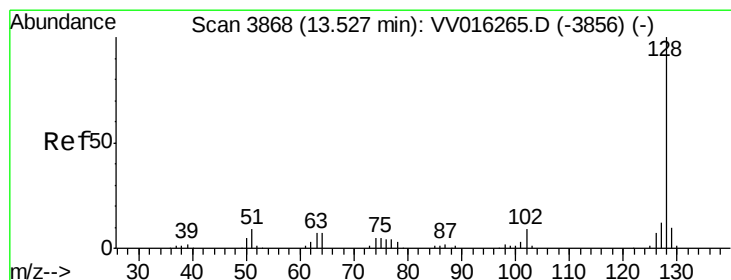
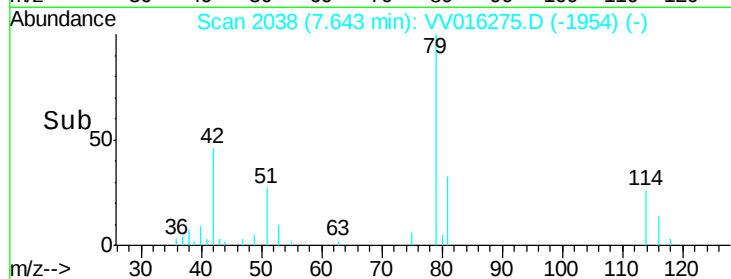
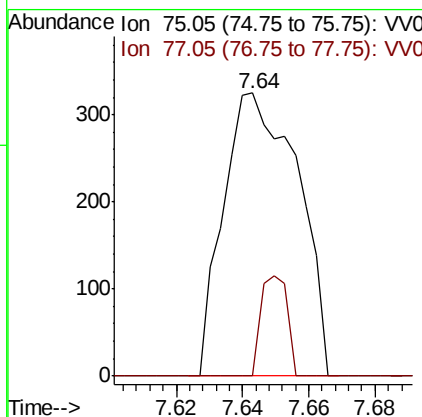
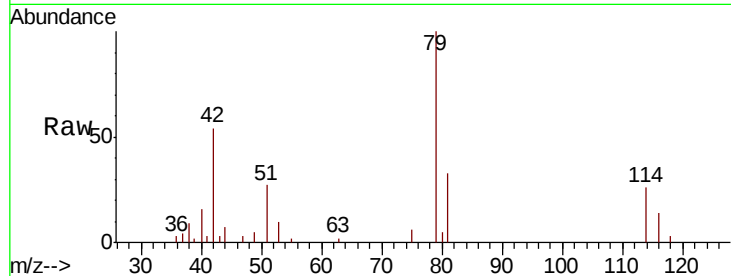




#46
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016275.D
Acq: 28 May 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 506
Ion Ratio Lower Upper
75 100
77 0.0 21.7 40.3#



#70
Naphthalene
Concen: 0.389 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016275.D
Acq: 28 May 2020 14:32

Tgt Ion: 128 Resp: 6226
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 14.3 10.6 15.8

