

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016274.D
 Acq On : 28 May 2020 14:08
 Operator : SY/MD
 Sample : L2662-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:14:48 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	89191	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86304	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21770	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	21162	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	33281	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	70608	49.69	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.38	84	49673	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	27704	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.08	84	96501	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.10	67	30858	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	85901	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	7.65	79	9972	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.12	63	50207	44.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21784	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	31863	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

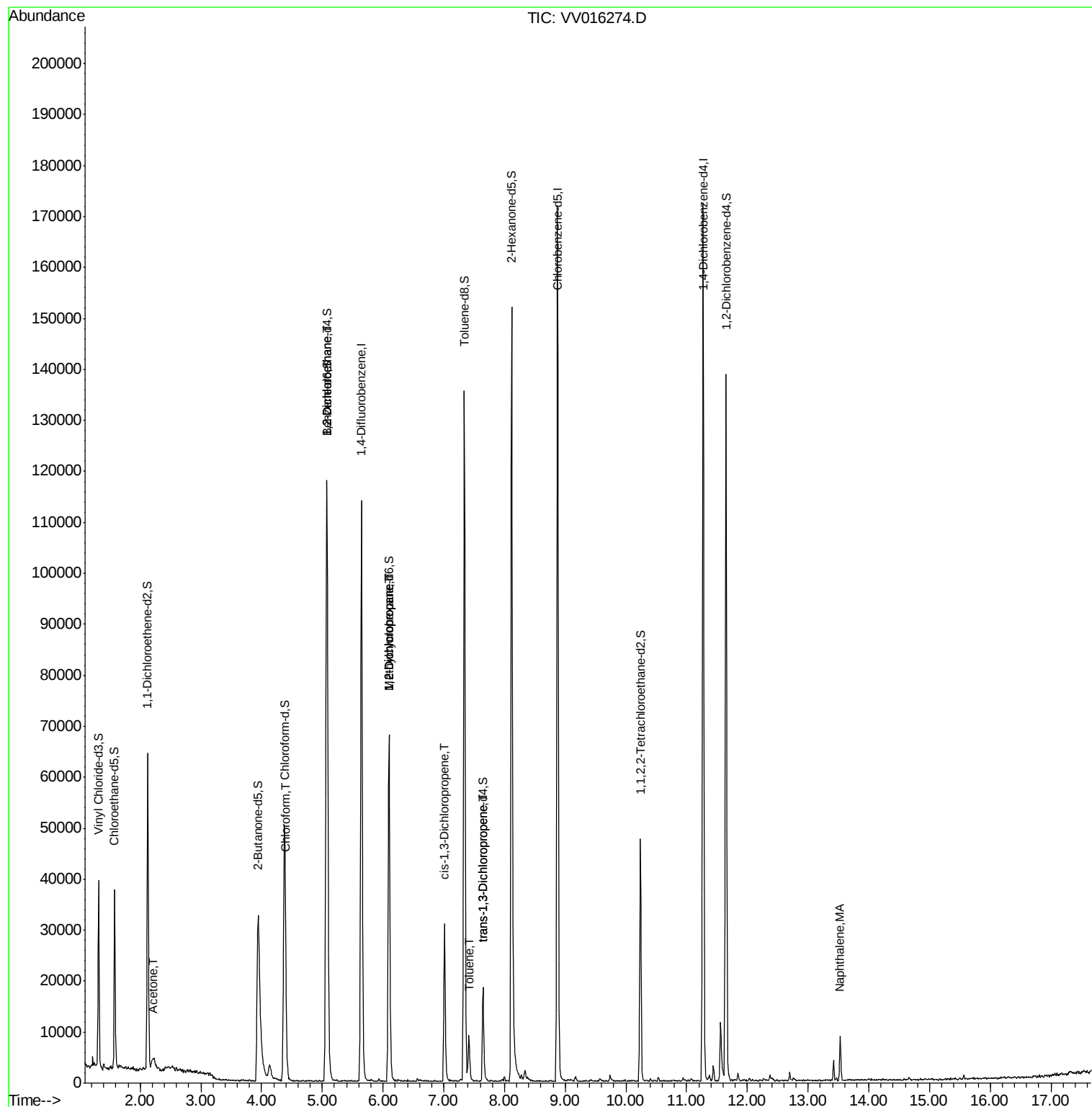
					Ovalue
13) Acetone	2.21	43	4083	4.642 ug/L	85
25) Chloroform	4.40	83	1667	0.144 ug/L	87
27) 1,2-Dichloroethane	5.08	62	587	0.078 ug/L #	79
35) Methylcyclohexane	6.10	83	7342	0.673 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3674	0.603 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	859	0.100 ug/L	89
42) Toluene	7.41	91	6527	0.241 ug/L	98
46) trans-1,3-Dichloropropene	7.65	75	527	0.074 ug/L #	65
70) Naphthalene	13.53	128	6666	0.418 ug/L	96

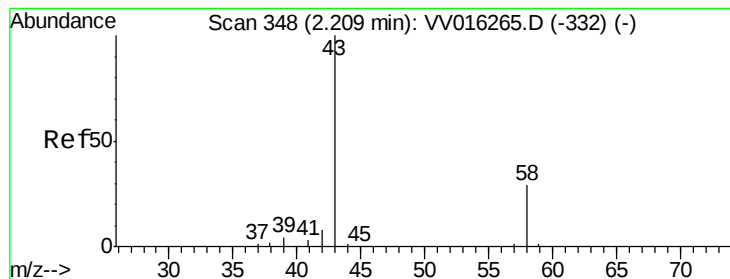
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.642 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV016274.D

Acq: 28 May 2020 14:08

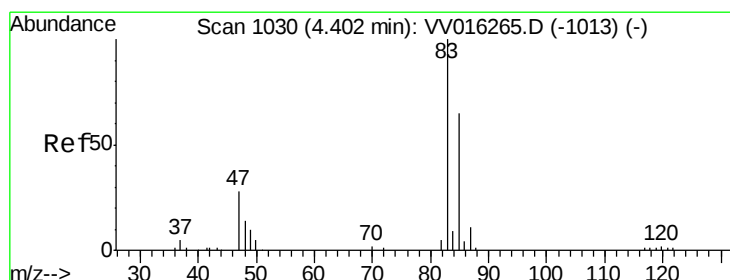
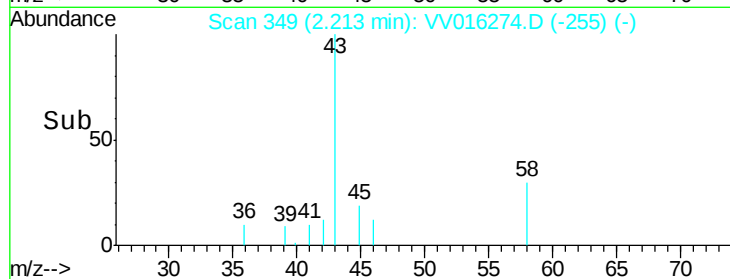
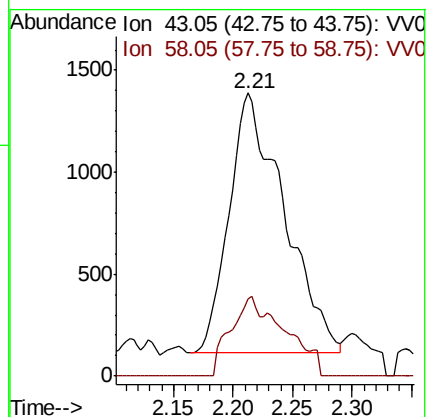
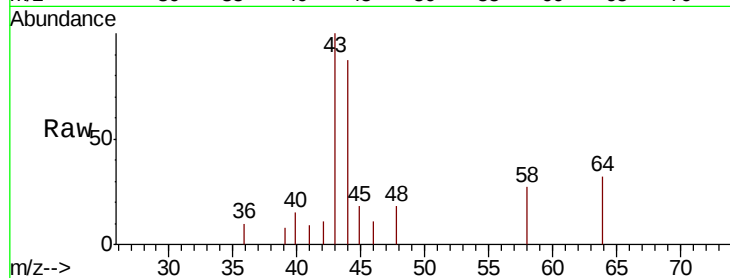
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4083

Ion Ratio Lower Upper

43 100

58 16.8 0.0 48.8



#25

Chloroform

Concen: 0.144 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV016274.D

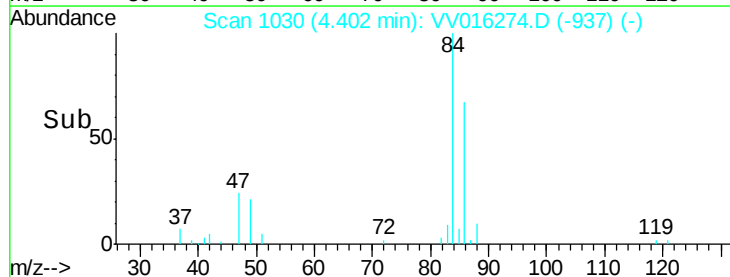
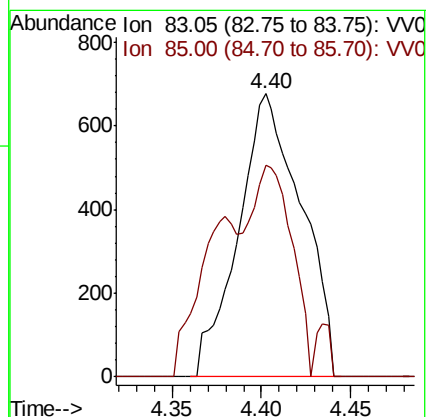
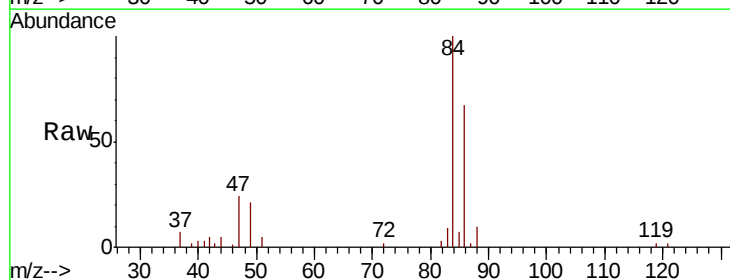
Acq: 28 May 2020 14:08

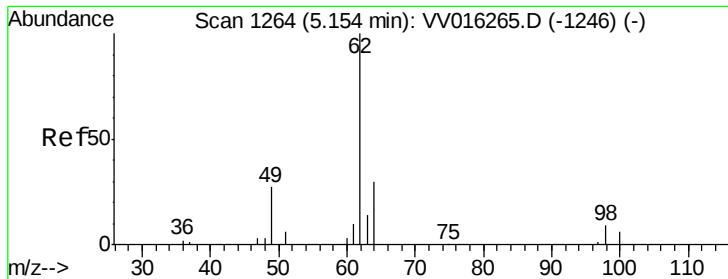
Tgt Ion: 83 Resp: 1667

Ion Ratio Lower Upper

83 100

85 74.6 45.1 83.7

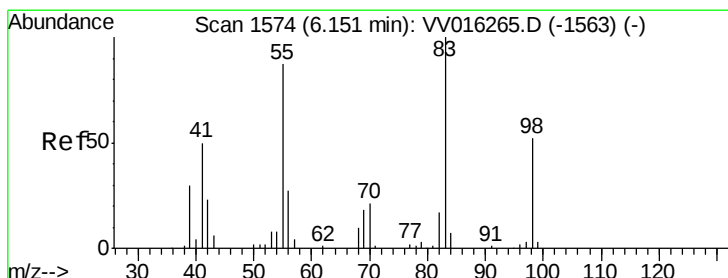
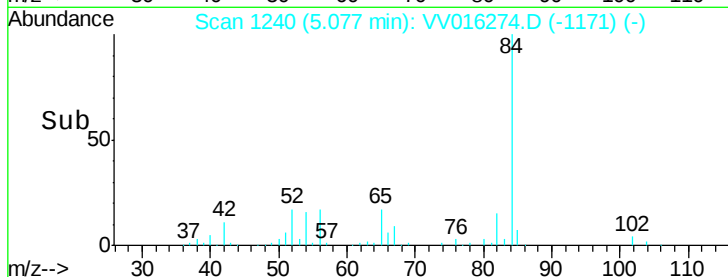
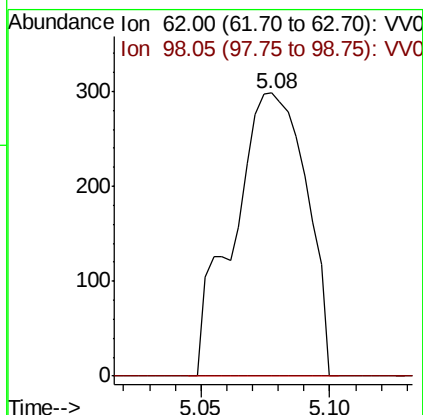
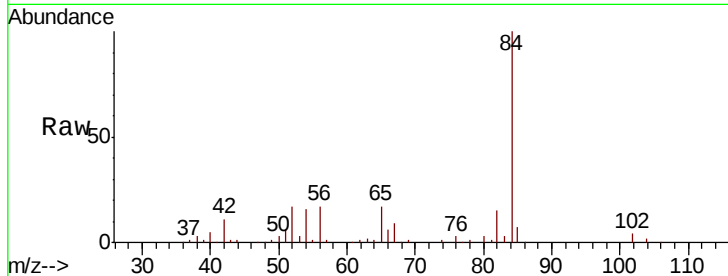




#27
 1,2-Dichloroethane
 Concen: 0.078 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016274.D
 Acq: 28 May 2020 14:08

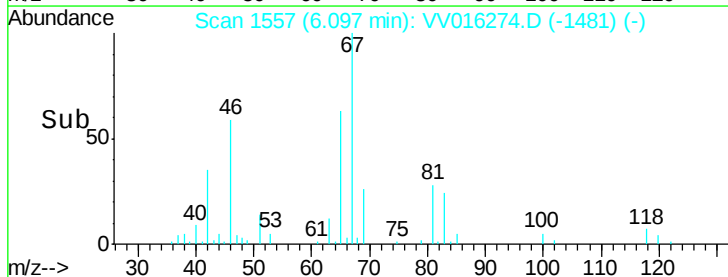
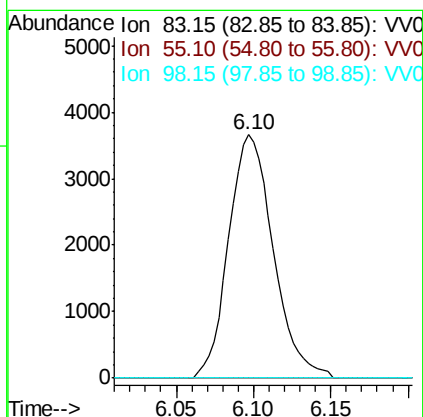
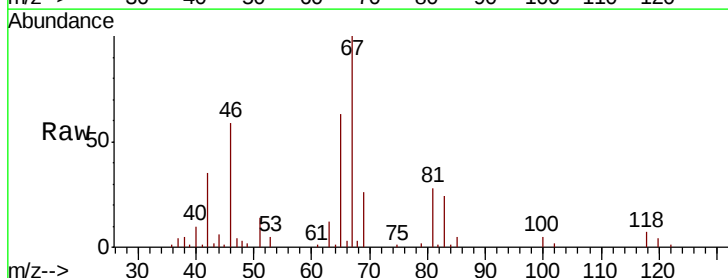
Instrument :
 MSVOA_V
 ClientSampleId :

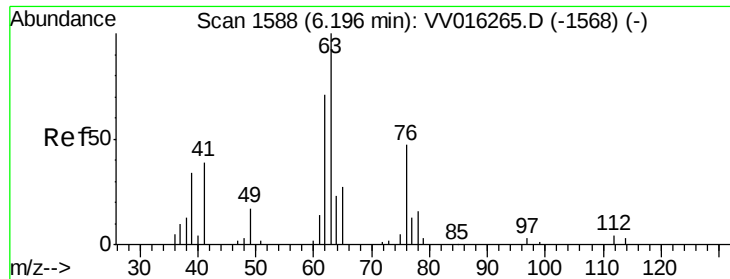
Tot Ion: 62 Resp: 587
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.673 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016274.D
 Acq: 28 May 2020 14:08

Tgt Ion: 83 Resp: 7342
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.0 39.3 58.9#

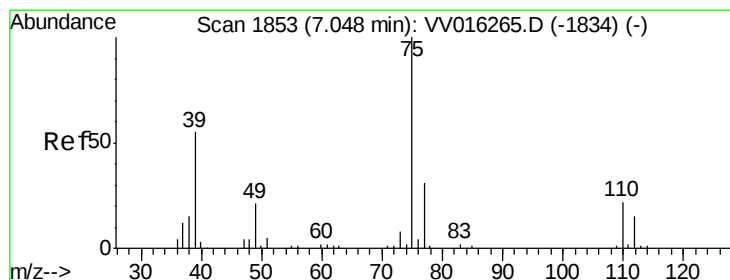
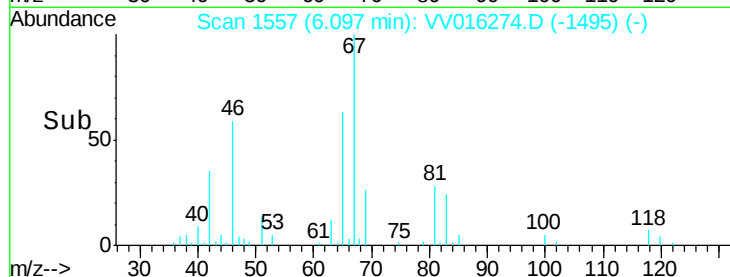
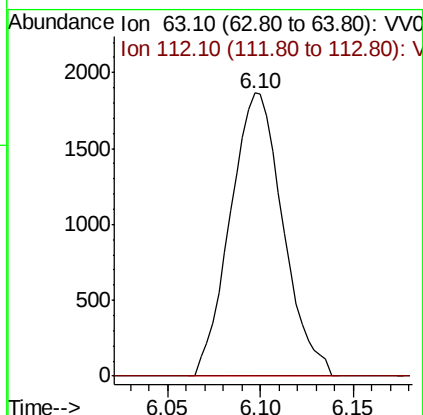
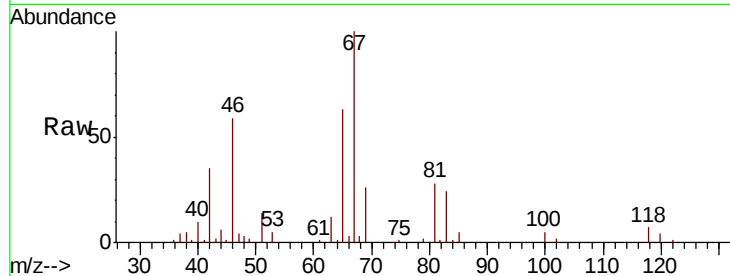




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016274.D
 Acq: 28 May 2020 14:08

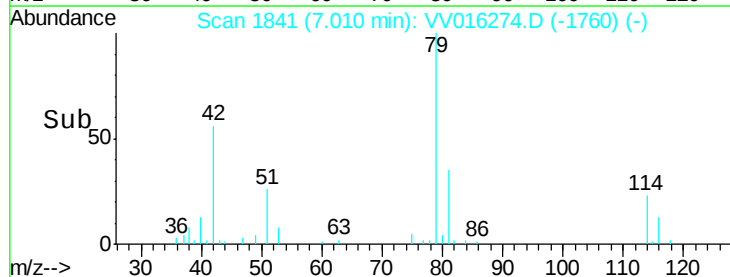
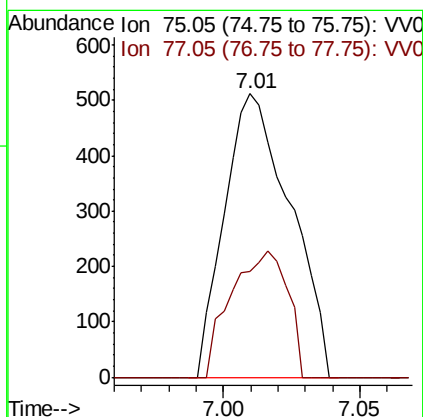
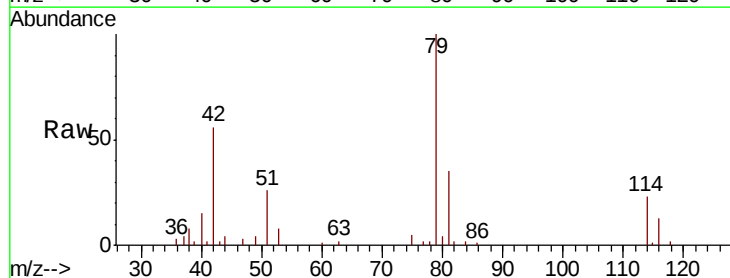
Instrument :
 MSVOA_V
 ClientSampleId :

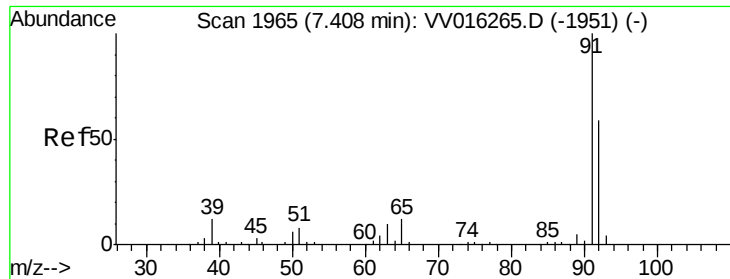
Tot Ion: 63 Resp: 3674
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016274.D
 Acq: 28 May 2020 14:08

Tgt Ion: 75 Resp: 859
 Ion Ratio Lower Upper
 75 100
 77 37.3 21.7 40.3





#42

Toluene

Concen: 0.241 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016274.D

Acq: 28 May 2020 14:08

Instrument :

MSVOA_V

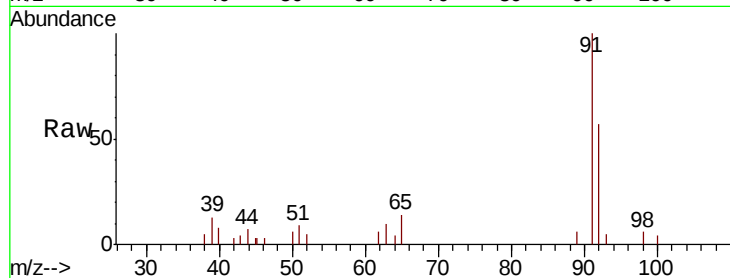
ClientSampleId :

Tot Ion: 91 Resp: 6527

Ion Ratio Lower Upper

91 100

92 57.2 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

3000

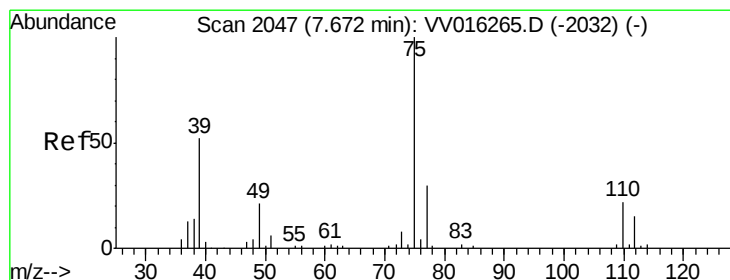
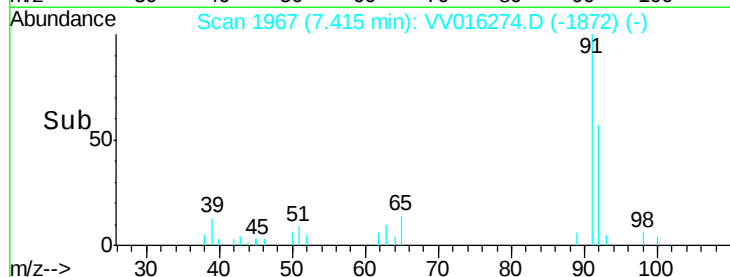
2000

1000

0

Time-->

7.35 7.40 7.45 7.50



#46

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV016274.D

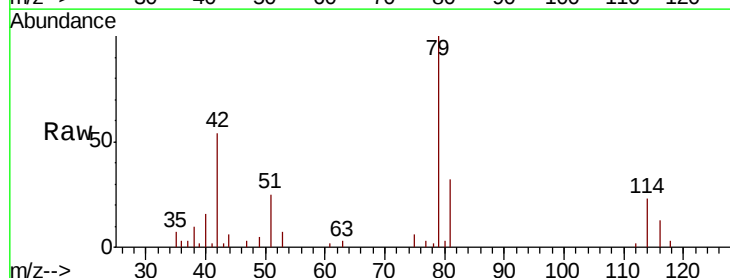
Acq: 28 May 2020 14:08

Tgt Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

77 50.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

300

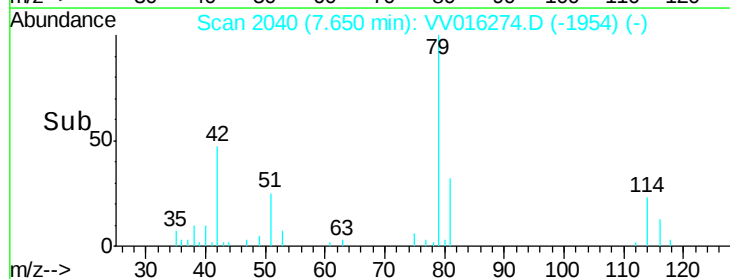
200

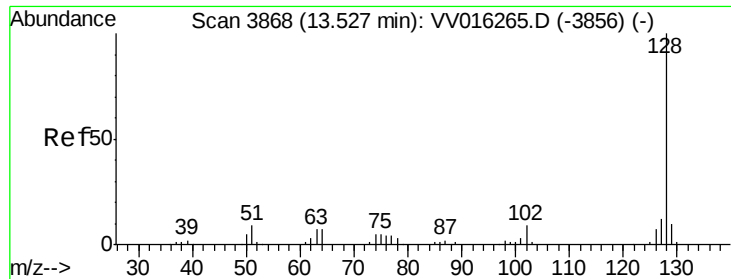
100

0

Time-->

7.60 7.62 7.64 7.66 7.68





#70

Naphthalene

Concen: 0.418 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

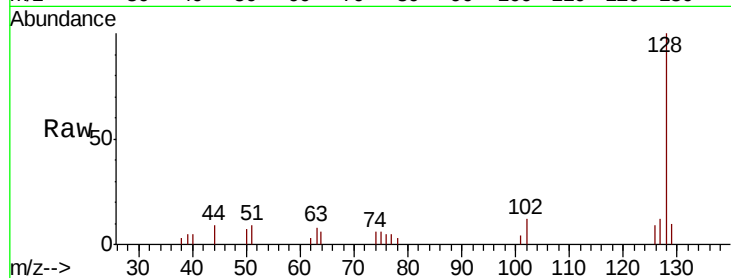
Lab File: VV016274.D

Acq: 28 May 2020 14:08

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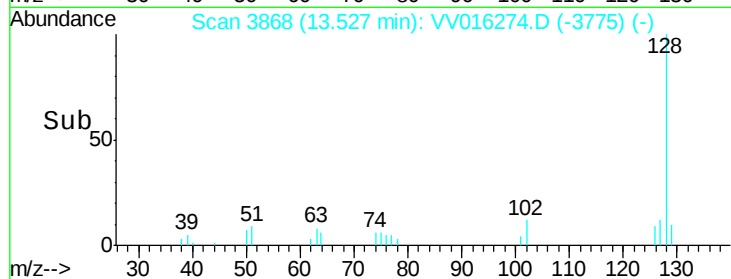
Tot Ion:128 Resp: 6666

Ion Ratio Lower Upper

128 100

129 9.0 8.6 13.0

127 11.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

