

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016155.D
 Acq On : 21 May 2020 15:51
 Operator : SY/MD
 Sample : L2731-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:56:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137021	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127489	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28449	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	32804	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	53706	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.93	46	97355	45.91	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	4.38	84	81512	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	43036	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.08	84	153712	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.10	67	48233	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	137372	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.65	79	12824	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
48) 2-Hexanone-d5	8.12	63	70821	44.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30542	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	49350	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

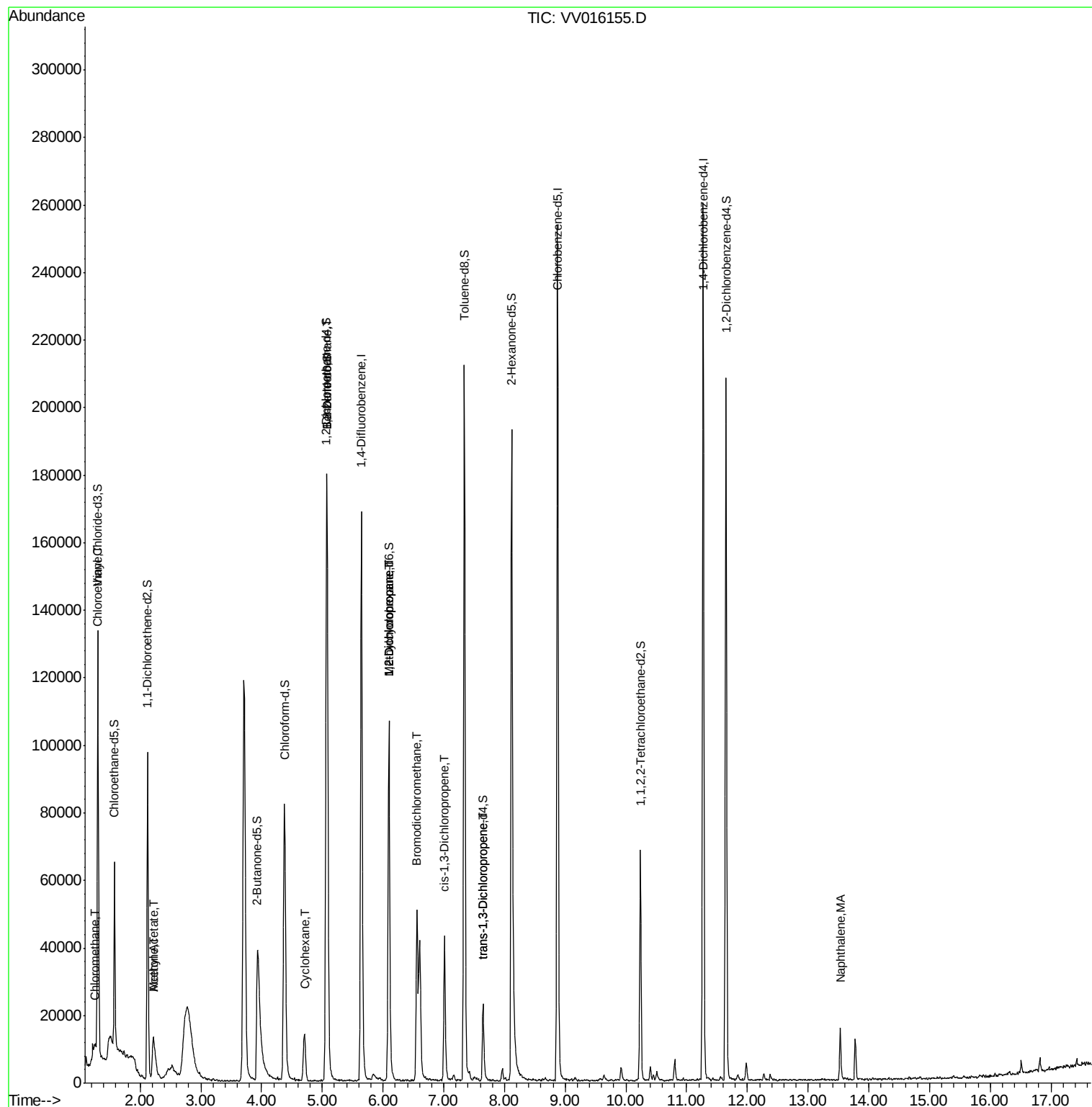
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	765	0.072	ug/L	92
8) Chloroethane	1.32	64	1754	0.242	ug/L	89
13) Acetone	2.22	43	30560	21.848	ug/L	66
15) Methyl Acetate	2.22	43	28635	8.859	ug/L #	52
27) 1,2-Dichloroethane	5.07	62	1091	0.100	ug/L #	76
30) Cyclohexane	4.71	56	7552	0.536	ug/L	94
35) Methylcyclohexane	6.09	83	11784	0.851	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5948	0.730	ug/L #	87
38) Bromodichloromethane	6.56	83	430	0.042	ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	1087	0.094	ug/L #	68
46) trans-1,3-Dichloropropene	7.65	75	640	0.066	ug/L #	41
70) Naphthalene	13.53	128	12626	0.771	ug/L	97

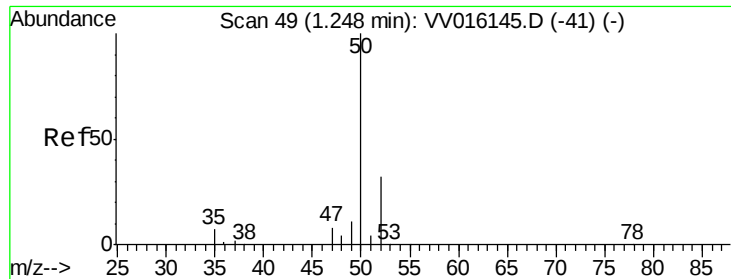
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016155.D

Acq: 21 May 2020 15:51

Instrument :

MSVOA_V

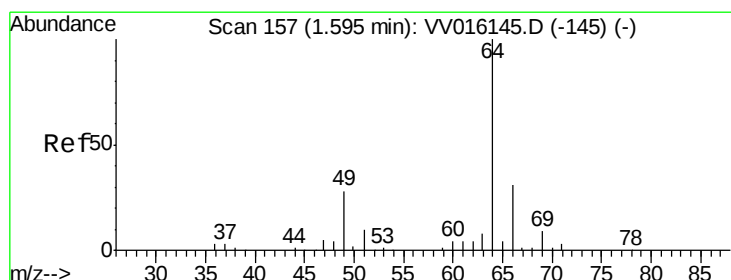
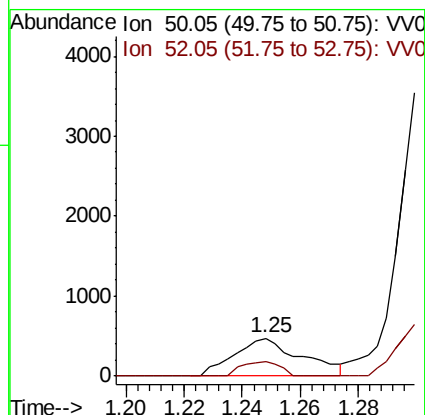
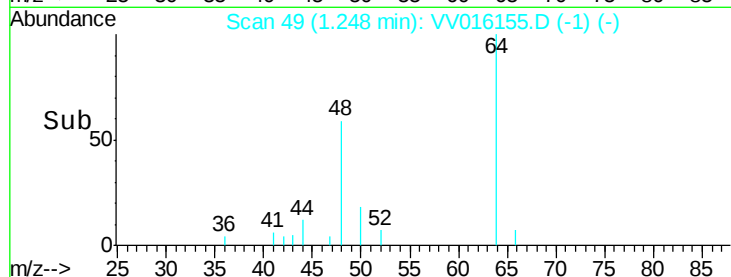
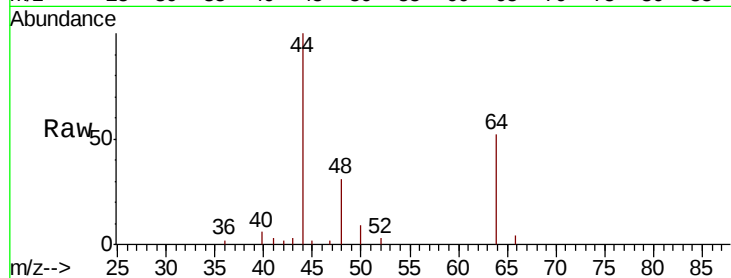
ClientSampleId :

Tot Ion: 50 Resp: 765

Ion Ratio Lower Upper

50 100

52 37.3 22.8 42.4



#8

Chloroethane

Concen: 0.242 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV016155.D

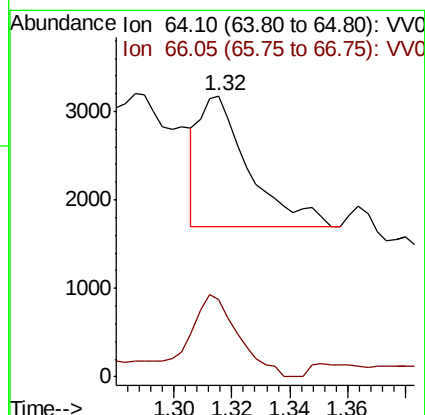
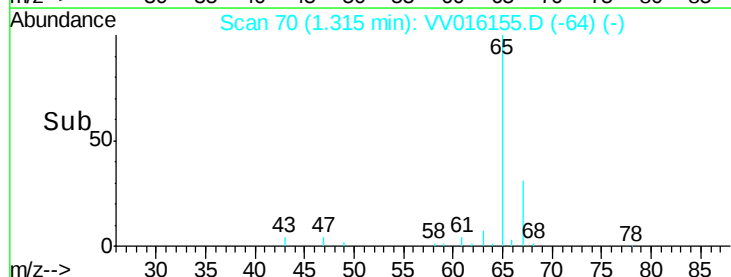
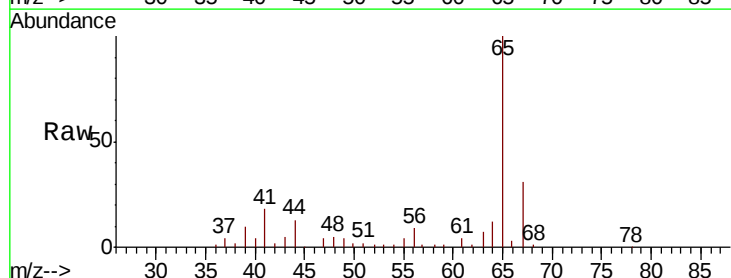
Acq: 21 May 2020 15:51

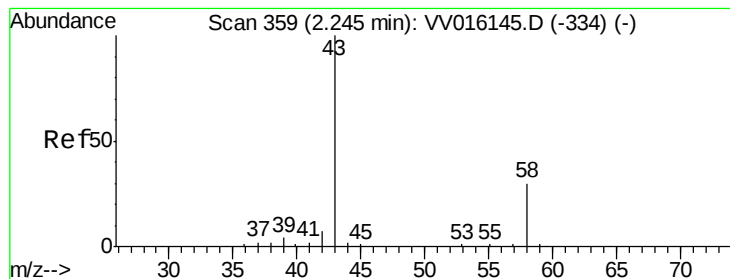
Tgt Ion: 64 Resp: 1754

Ion Ratio Lower Upper

64 100

66 27.5 23.6 43.8





#13

Acetone

Concen: 21.848 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.03 min

Lab File: VV016155.D

Acq: 21 May 2020 15:51

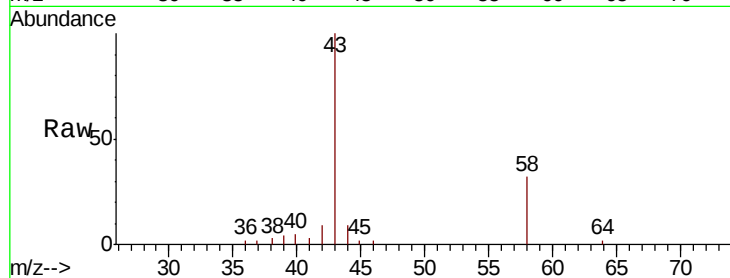
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 30560

Ion Ratio Lower Upper

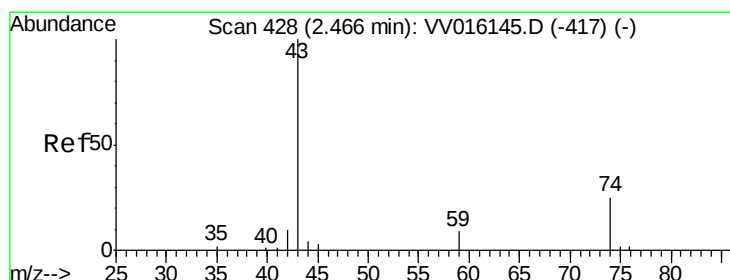
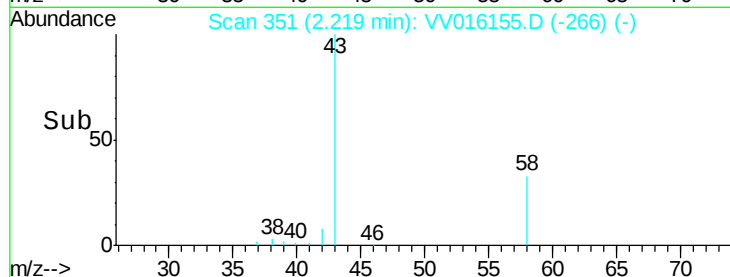
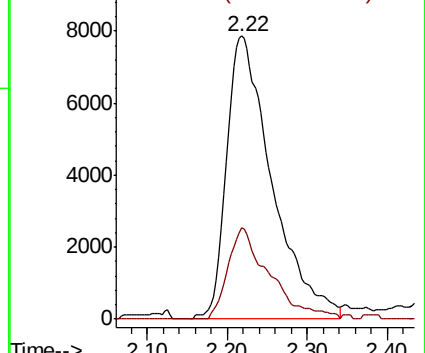
43 100

58 29.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 8.859 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.25 min

Lab File: VV016155.D

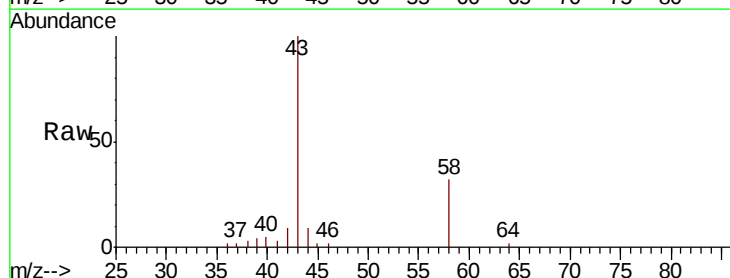
Acq: 21 May 2020 15:51

Tgt Ion: 43 Resp: 28635

Ion Ratio Lower Upper

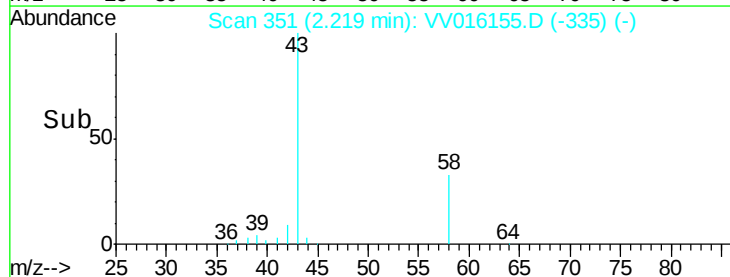
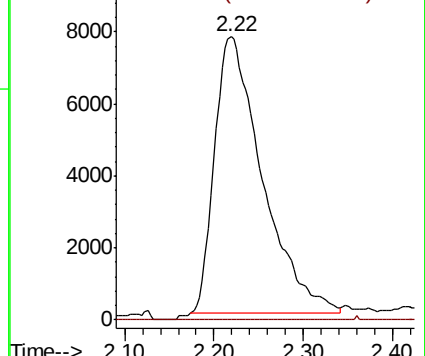
43 100

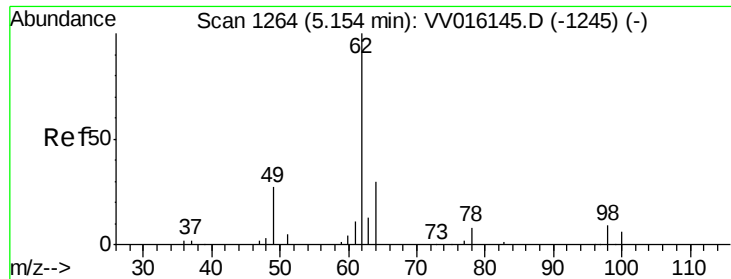
74 0.1 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

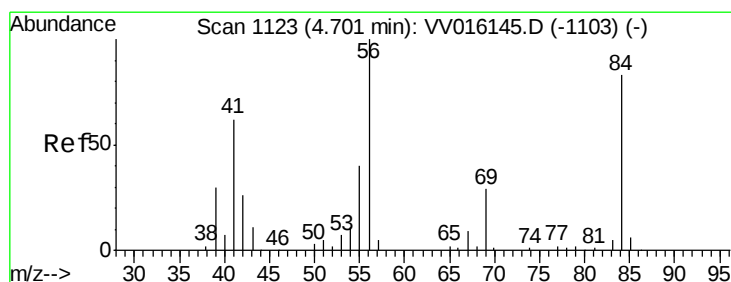
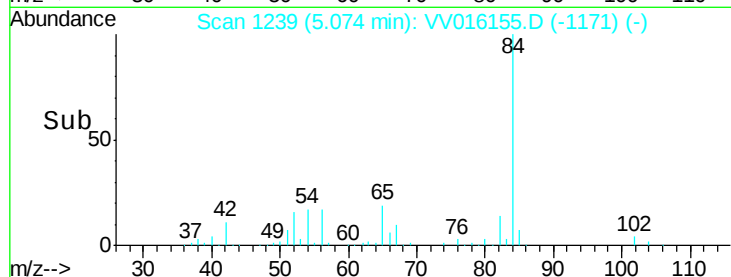
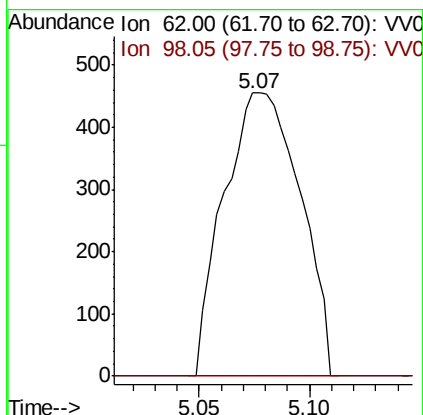
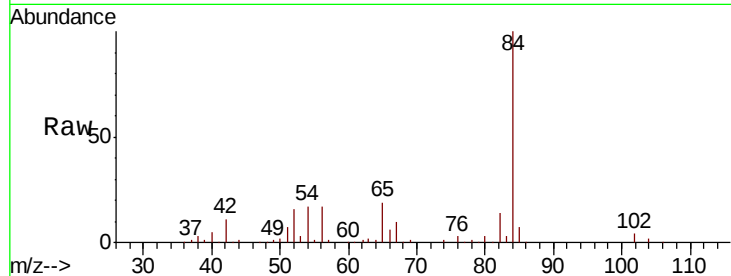




#27
 1,2-Dichloroethane
 Concen: 0.100 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016155.D
 Acq: 21 May 2020 15:51

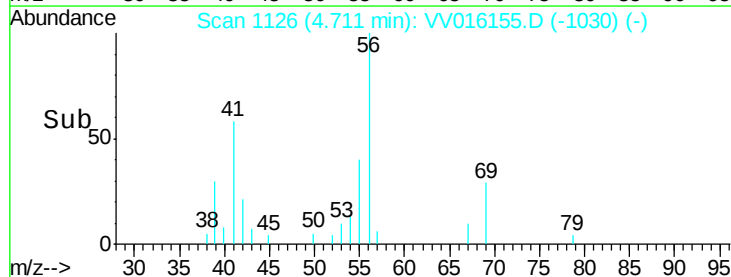
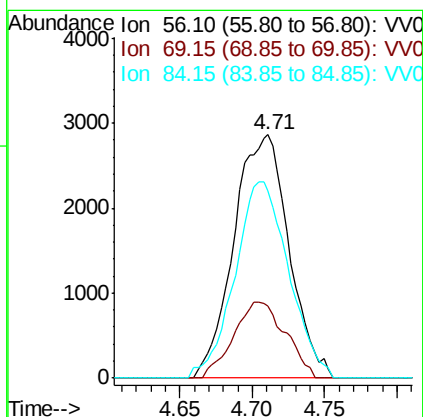
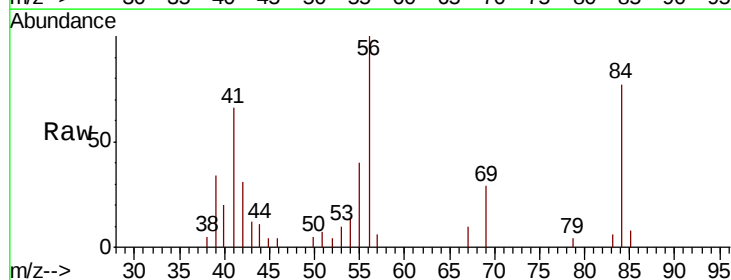
Instrument :
 MSVOA_V
 ClientSampleId :

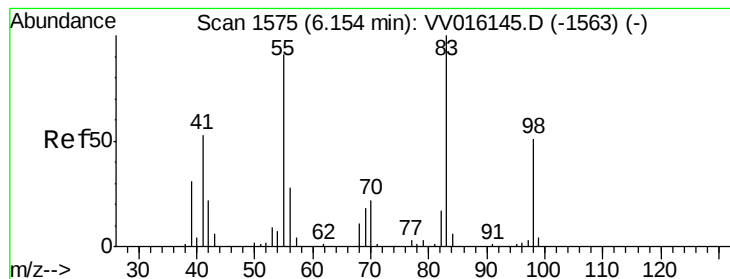
Tot Ion: 62 Resp: 1091
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#30
 Cyclohexane
 Concen: 0.536 ug/L
 RT: 4.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: VV016155.D
 Acq: 21 May 2020 15:51

Tgt Ion: 56 Resp: 7552
 Ion Ratio Lower Upper
 56 100
 69 29.3 24.2 36.2
 84 78.8 68.3 102.5





#35

Methvlcvclohexane

Concen: 0.851 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV016155.D

Acq: 21 May 2020 15:51

Instrument :

MSVOA_V

ClientSampleId :

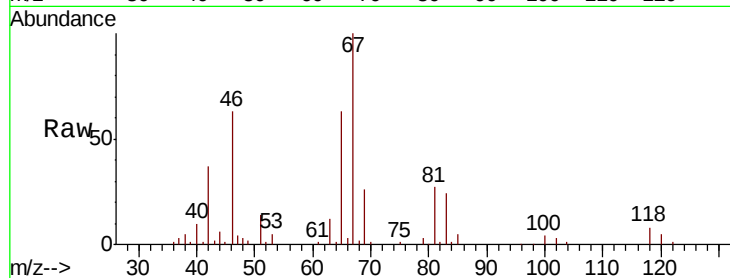
Tot Ion: 83 Resp: 11784

Ion Ratio Lower Upper

83 100

55 0.3 66.2 99.2#

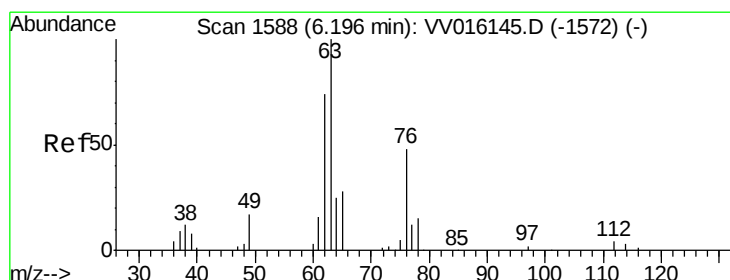
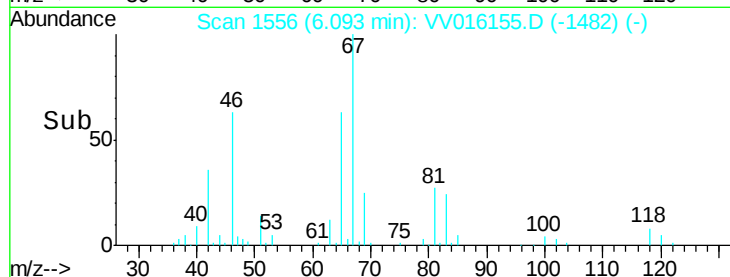
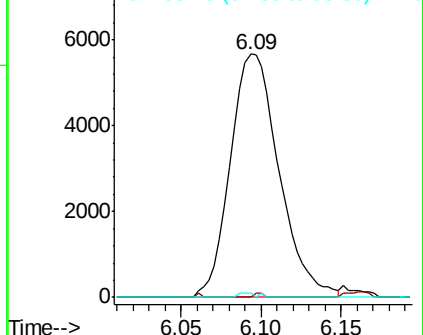
98 0.7 37.9 56.9#



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: 0.730 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016155.D

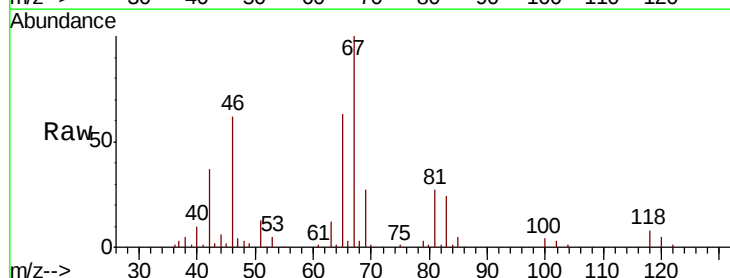
Acq: 21 May 2020 15:51

Tgt Ion: 63 Resp: 5948

Ion Ratio Lower Upper

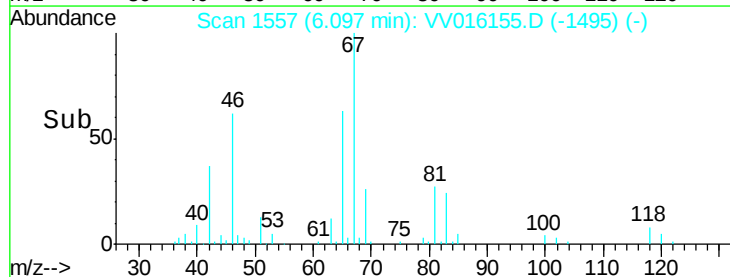
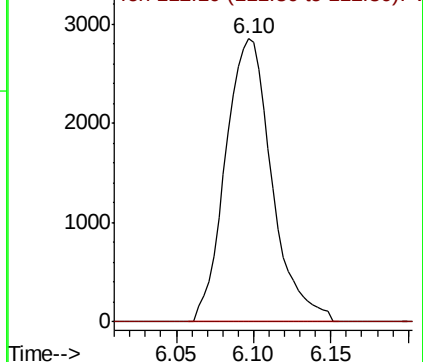
63 100

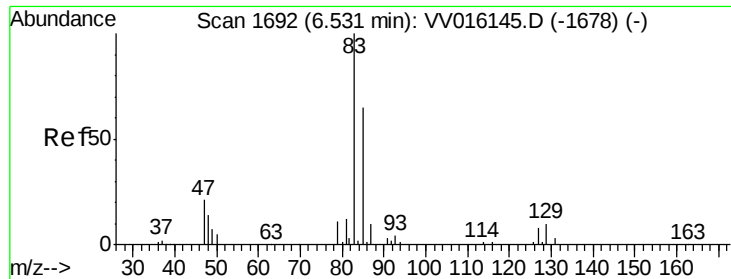
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.042 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.03 min

Lab File: VV016155.D

Acq: 21 May 2020 15:51

Instrument :

MSVOA_V

ClientSampleId :

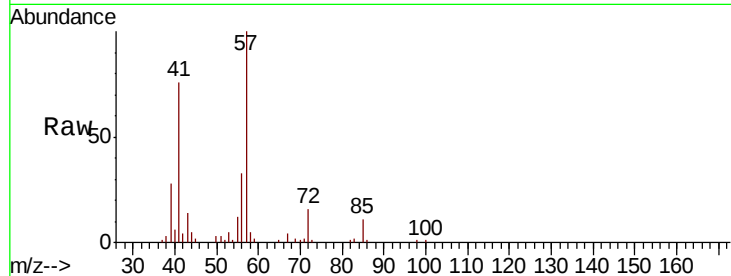
Tot Ion: 83 Resp: 430

Ion Ratio Lower Upper

83 100

85 465.1 45.5 84.5#

127 0.0 6.2 9.4#

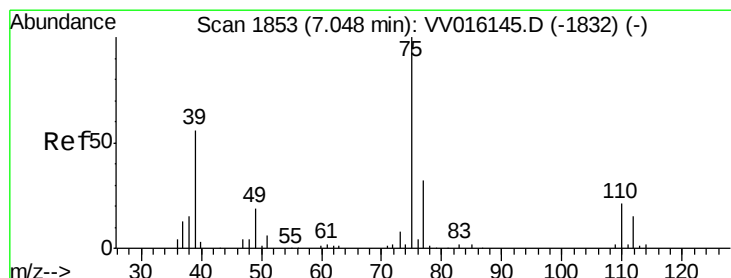
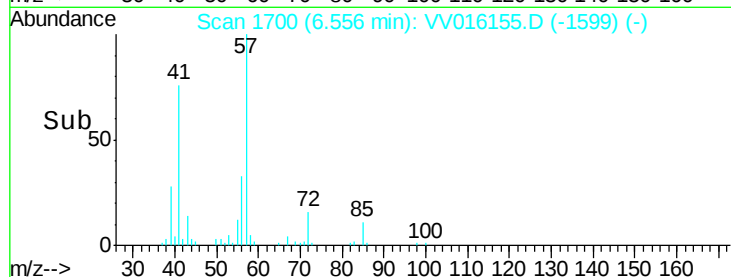


Abundance Ion 82.95 (82.65 to 83.65): VV016155.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV016155.D (-1599) (-)

Ion 126.90 (126.60 to 127.60): VV016155.D (-1599) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV016155.D

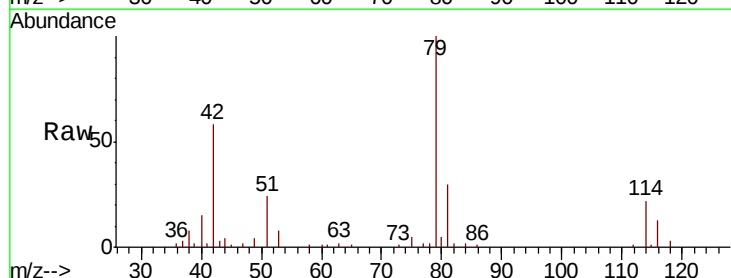
Acq: 21 May 2020 15:51

Tgt Ion: 75 Resp: 1087

Ion Ratio Lower Upper

75 100

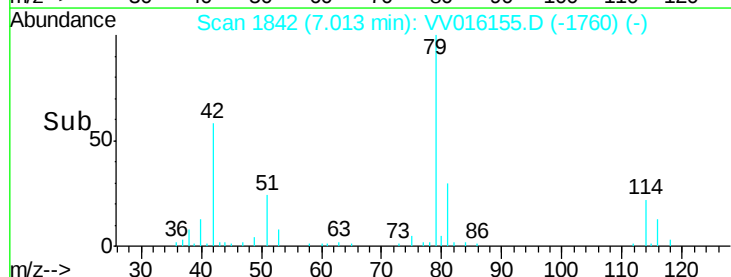
77 47.9 21.3 39.5#

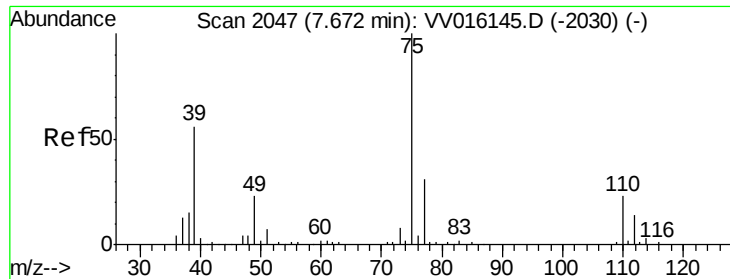


Abundance Ion 75.05 (74.75 to 75.75): VV016155.D (-1760) (-)

Ion 77.05 (76.75 to 77.75): VV016155.D (-1760) (-)

Time-->

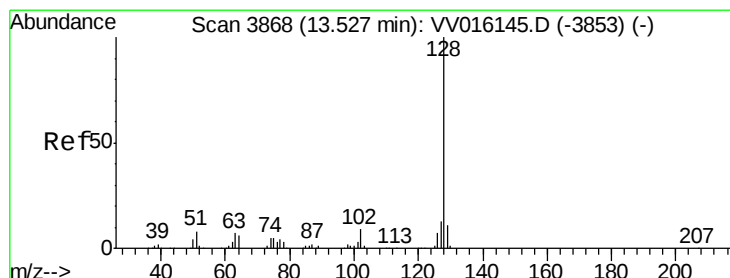
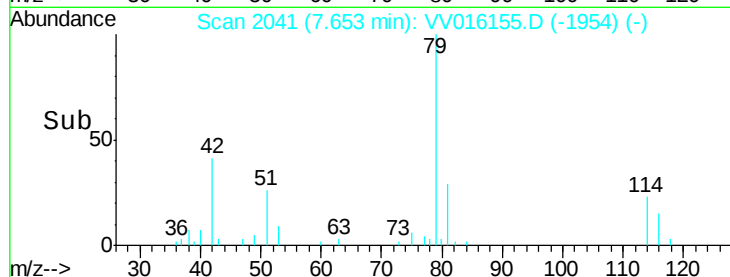
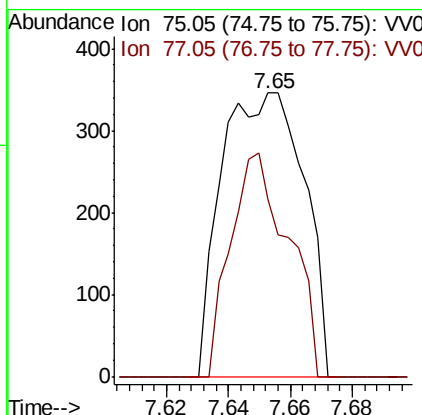
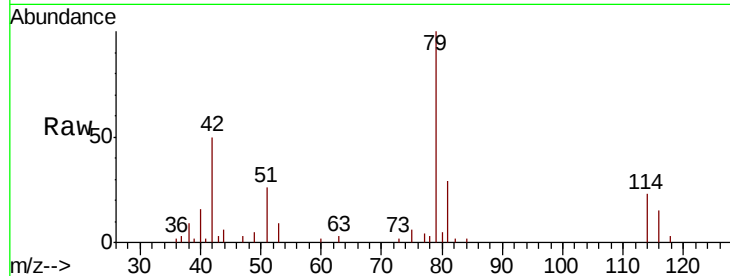




#46
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV016155.D
Acq: 21 May 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 640
Ion Ratio Lower Upper
75 100
77 62.7 21.3 39.6#



#70
Naphthalene
Concen: 0.771 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016155.D
Acq: 21 May 2020 15:51

Tgt Ion:128 Resp: 12626
Ion Ratio Lower Upper
128 100
129 8.5 8.5 12.7
127 13.1 10.2 15.2

