

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016142.D
 Acq On : 20 May 2020 19:20
 Operator : SY/MD
 Sample : L2725-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152489	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34330	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	37089	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	59008	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.91	46	137432	56.44	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.88%
24) Chloroform-d	4.38	84	87387	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	50101	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.08	84	174663	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	56121	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	154260	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.65	79	15155	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
48) 2-Hexanone-d5	8.11	63	114559	59.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42044	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60843	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

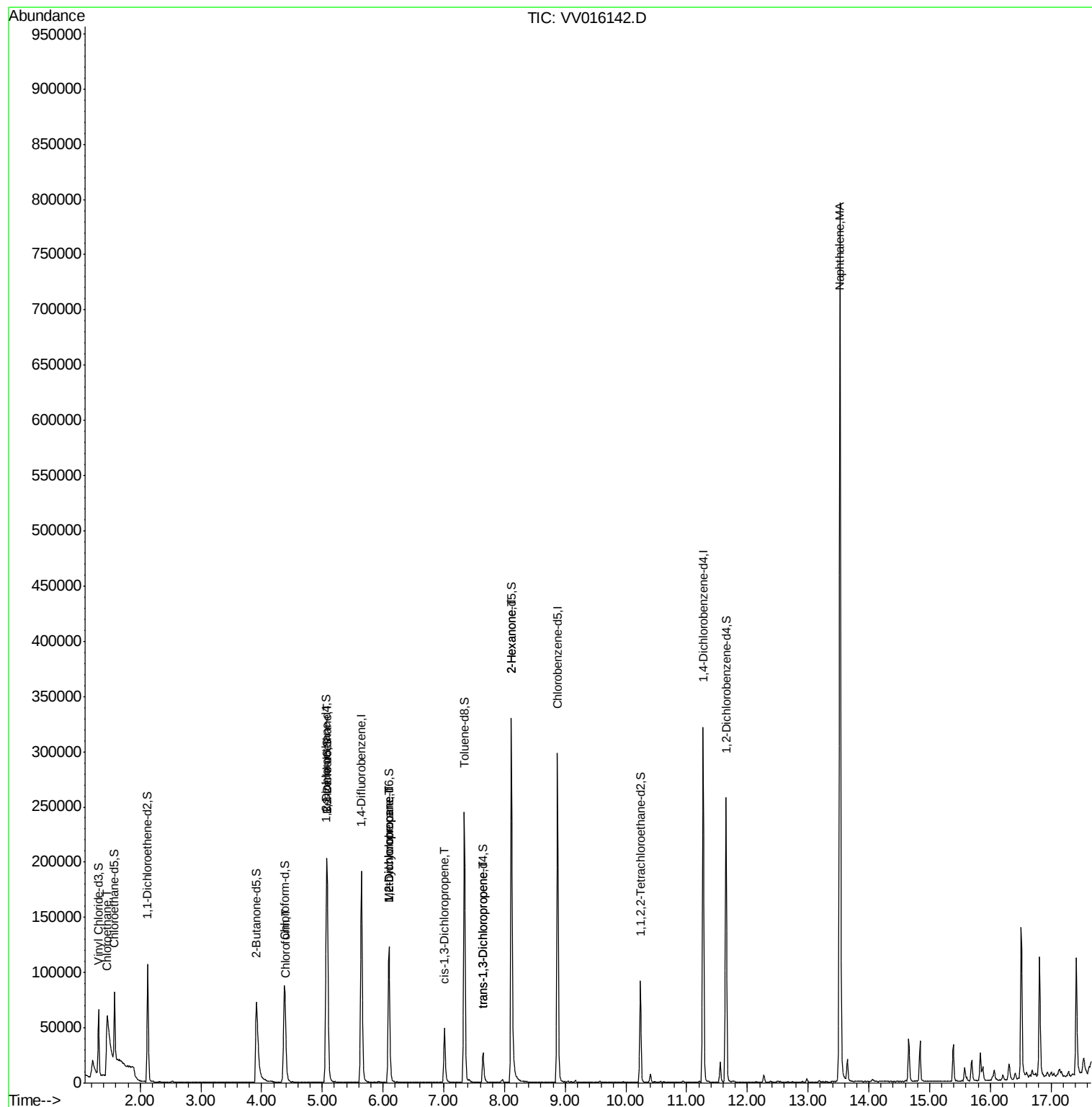
					Ovalue
8) Chloroethane	1.46	64	169427	20.371 ug/L #	49
25) Chloroform	4.41	83	5809	0.286 ug/L	94
27) 1,2-Dichloroethane	5.08	62	1140	0.091 ug/L #	76
35) Methylcyclohexane	6.10	83	14089	0.851 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6812	0.699 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1405	0.102 ug/L #	57
46) trans-1,3-Dichloropropene	7.65	75	644	0.055 ug/L #	78
50) 2-Hexanone	8.11	43	16164	3.762 ug/L #	76
70) Naphthalene	13.52	128	596548	29.574 ug/L	99

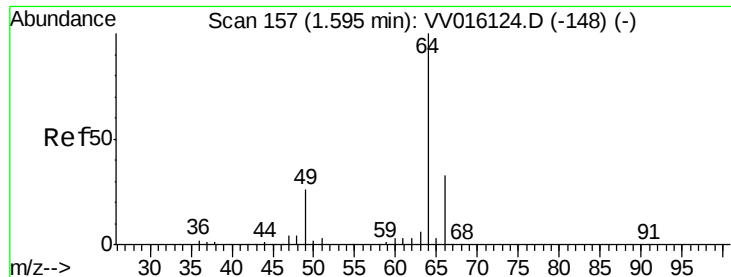
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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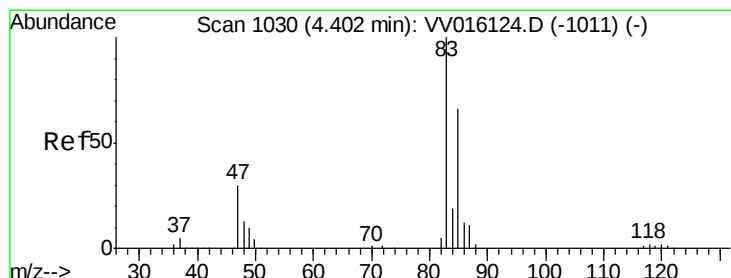
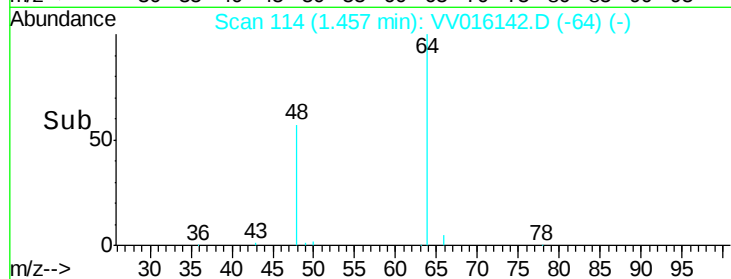
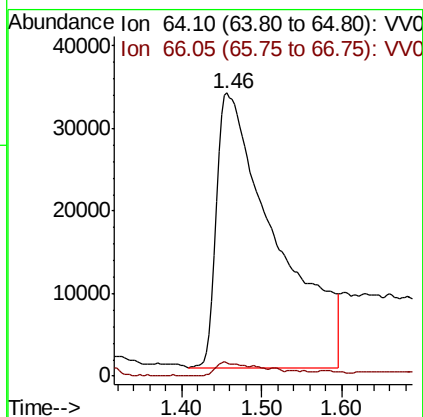
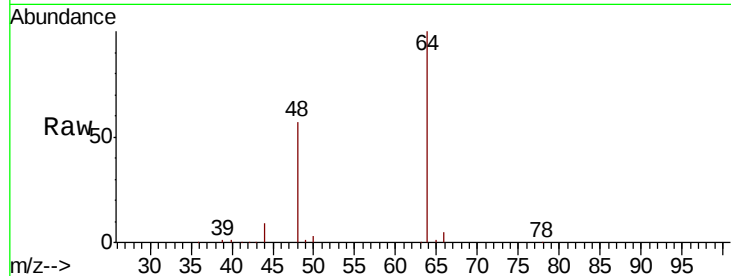




#8
Chloroethane
Concen: 20.371 ug/L
RT: 1.46 min Scan# 114
Delta R.T. -0.14 min
Lab File: VV016142.D
Acq: 20 May 2020 19:20

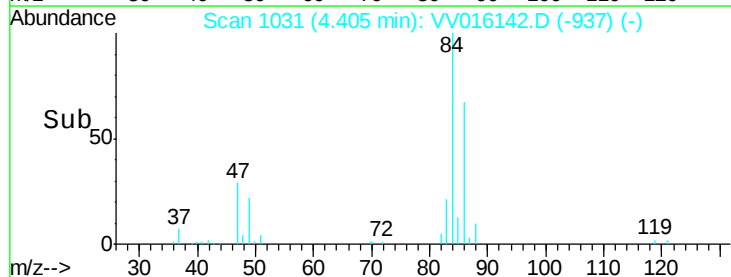
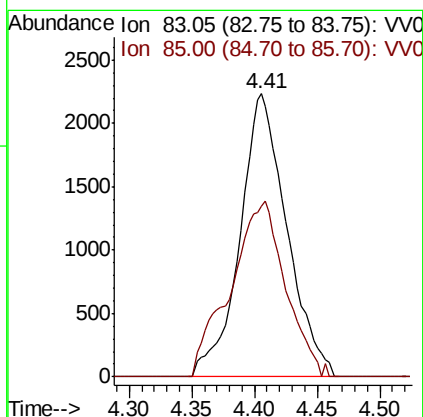
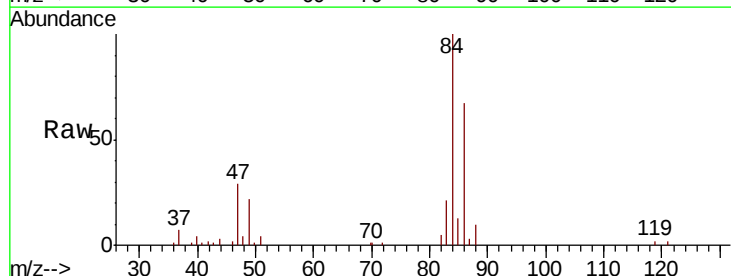
Instrument :
MSVOA_V
ClientSampleId :

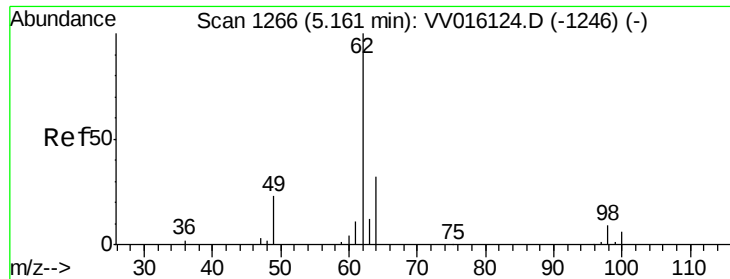
Tot Ion: 64 Resp: 169427
Ion Ratio Lower Upper
64 100
66 4.8 23.6 43.8#



#25
Chloroform
Concen: 0.286 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016142.D
Acq: 20 May 2020 19:20

Tgt Ion: 83 Resp: 5809
Ion Ratio Lower Upper
83 100
85 60.5 45.7 84.9

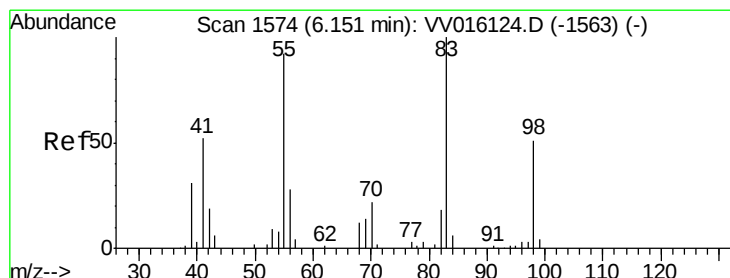
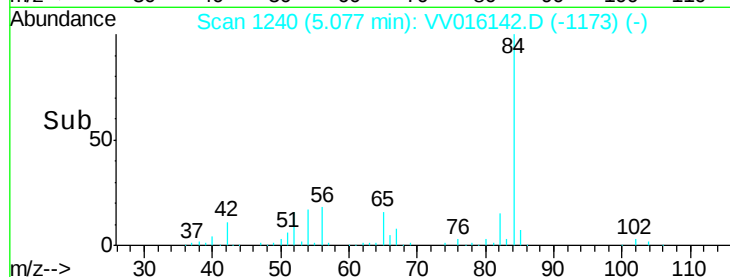
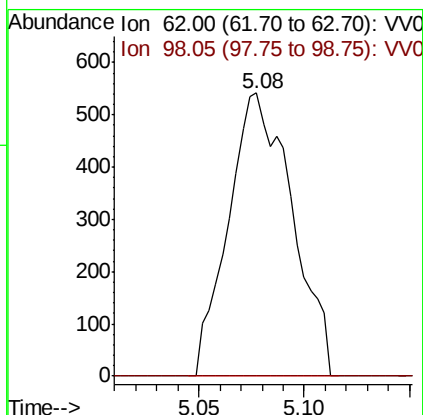
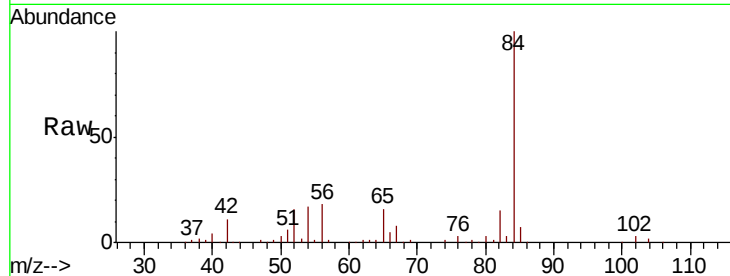




#27
 1,2-Dichloroethane
 Concen: 0.091 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016142.D
 Acq: 20 May 2020 19:20

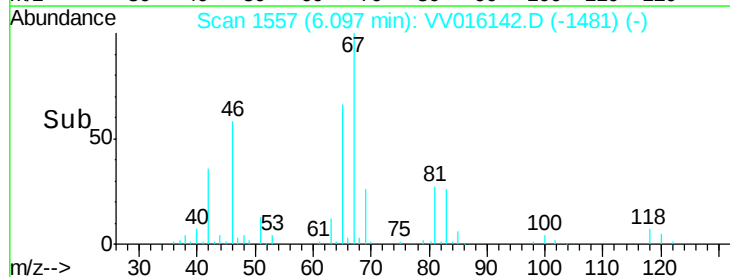
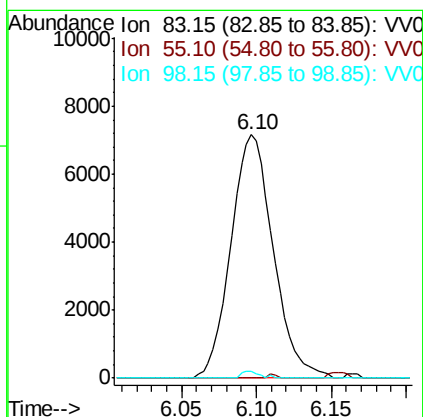
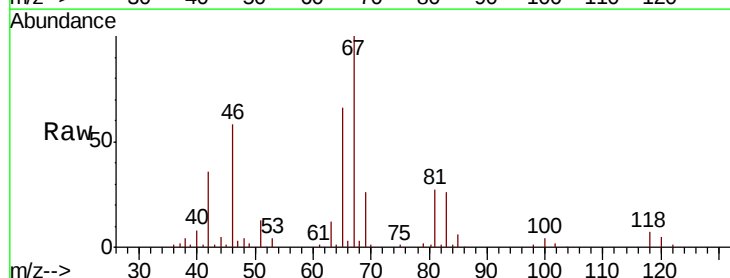
Instrument :
 MSVOA_V
 ClientSampleId :

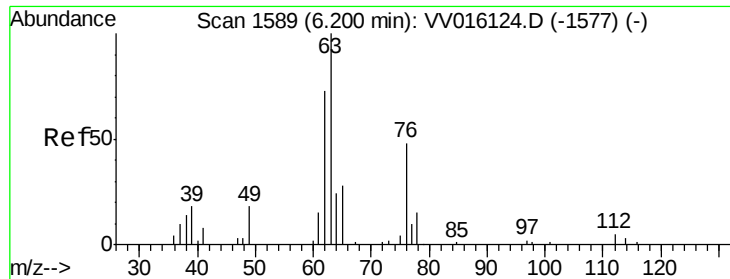
Tot Ion: 62 Resp: 1140
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.851 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016142.D
 Acq: 20 May 2020 19:20

Tgt Ion: 83 Resp: 14089
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.2 99.2#
 98 1.2 37.9 56.9#

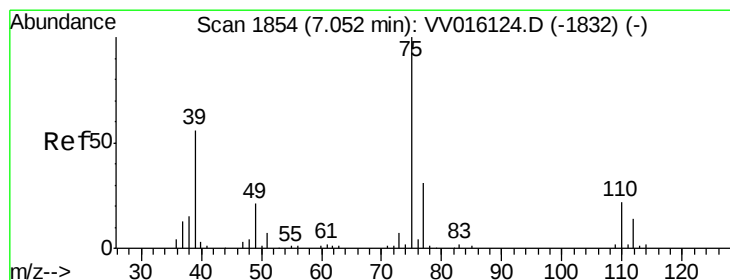
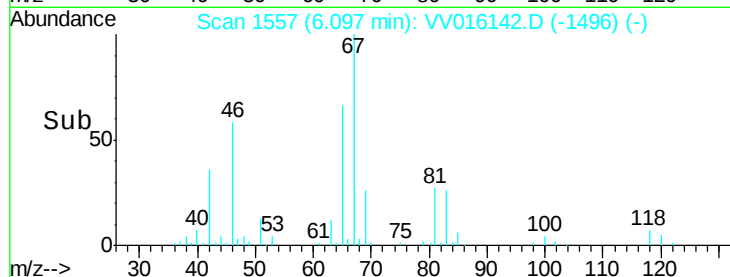
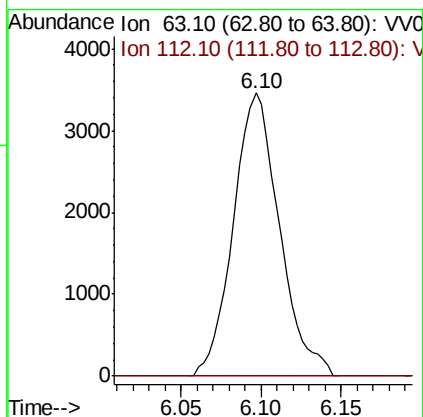
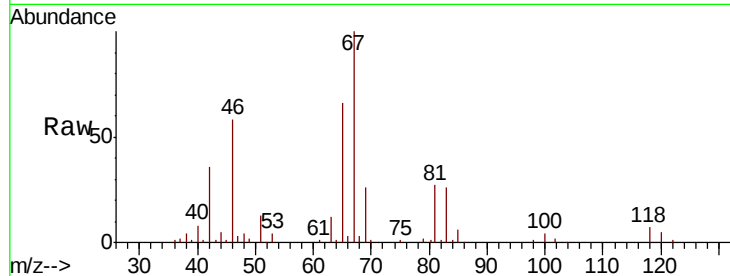




#37
 1,2-Dichloropropane
 Concen: 0.699 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016142.D
 Acq: 20 May 2020 19:20

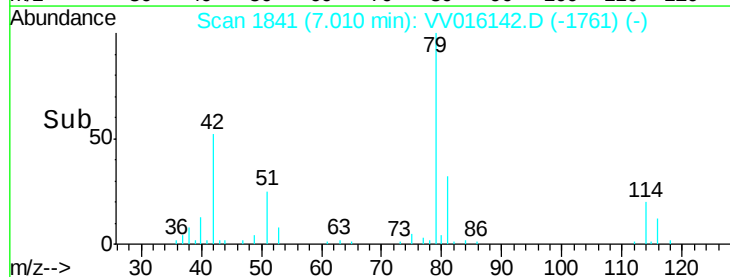
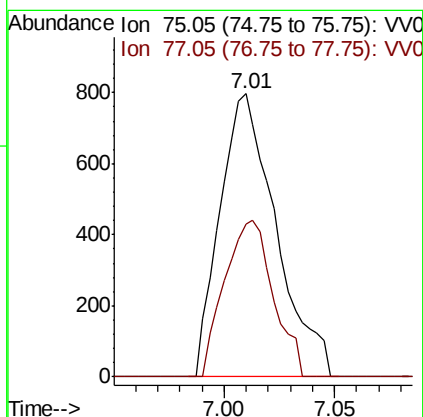
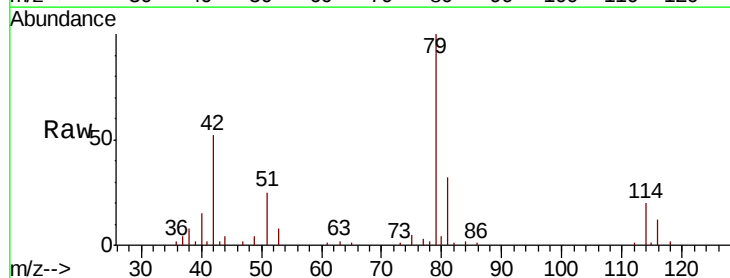
Instrument :
 MSVOA_V
 ClientSampleId :

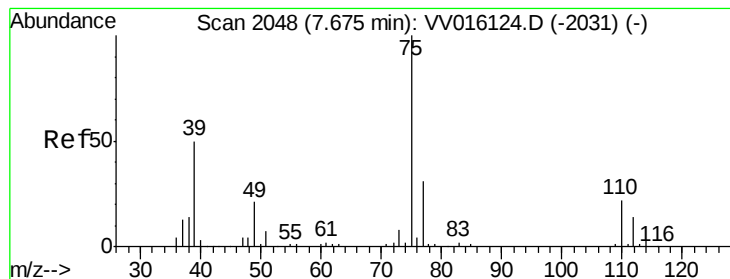
Tot Ion: 63 Resp: 6812
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016142.D
 Acq: 20 May 2020 19:20

Tgt Ion: 75 Resp: 1405
 Ion Ratio Lower Upper
 75 100
 77 54.0 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016142.D

Acq: 20 May 2020 19:20

Instrument :

MSVOA_V

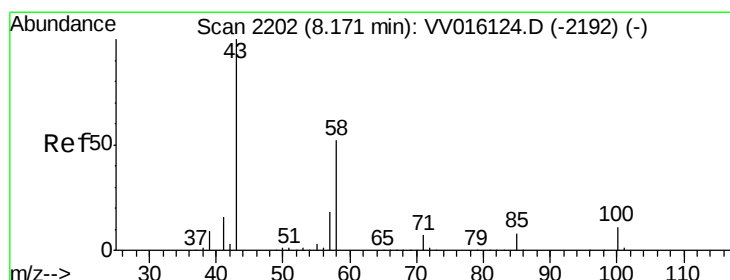
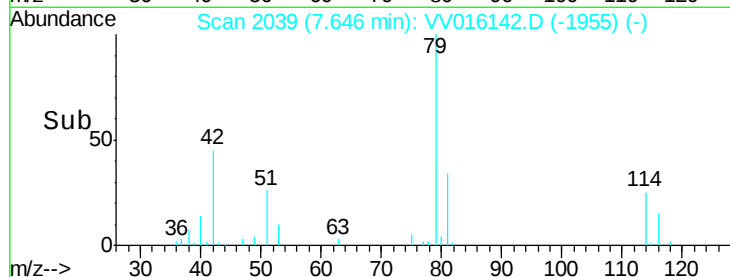
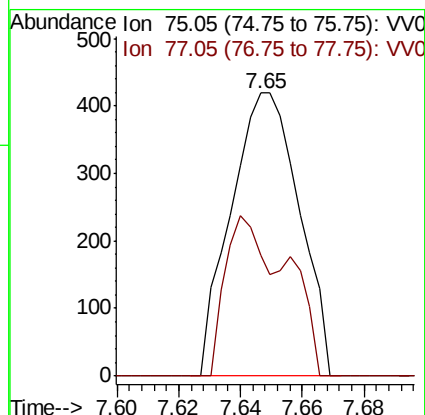
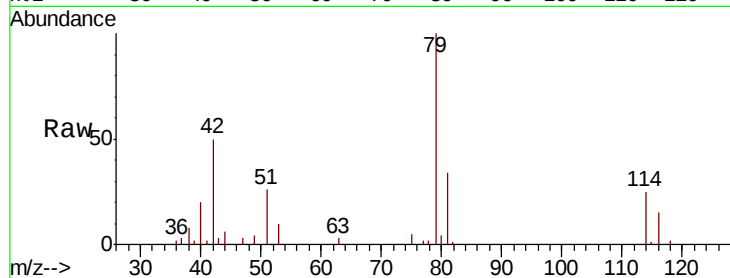
ClientSampleId :

Tot Ion: 75 Resp: 644

Ion Ratio Lower Upper

75 100

77 42.5 21.3 39.6#



#50

2-Hexanone

Concen: 3.762 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.06 min

Lab File: VV016142.D

Acq: 20 May 2020 19:20

Tgt Ion: 43 Resp: 16164

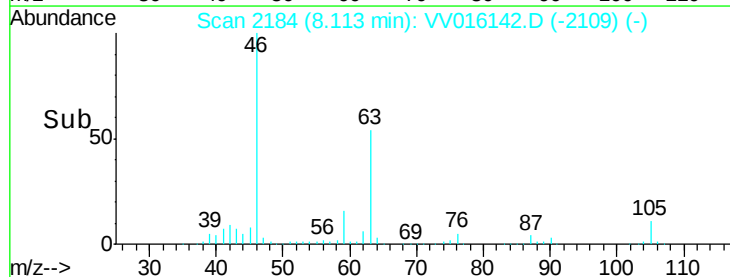
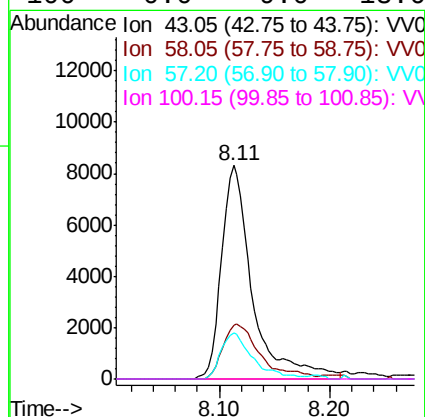
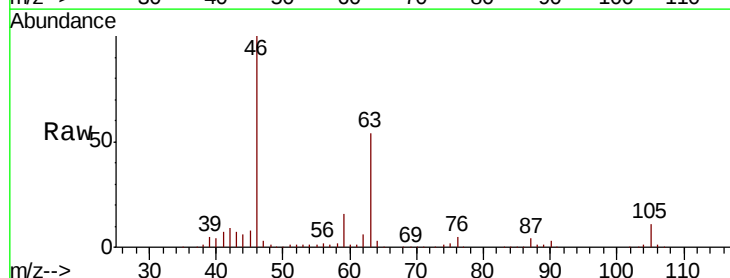
Ion Ratio Lower Upper

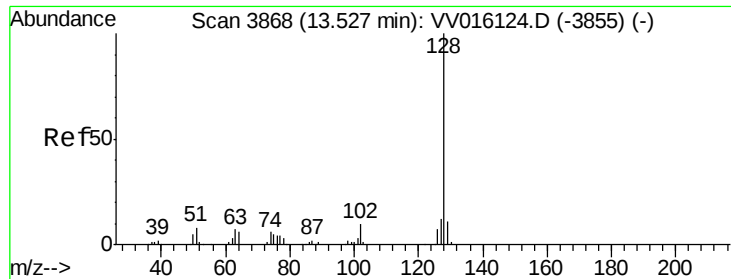
43 100

58 31.2 40.8 61.2#

57 22.2 14.7 22.1#

100 0.0 9.0 13.6#





#70

Naphthalene

Concen: 29.574 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV016142.D

Acq: 20 May 2020 19:20

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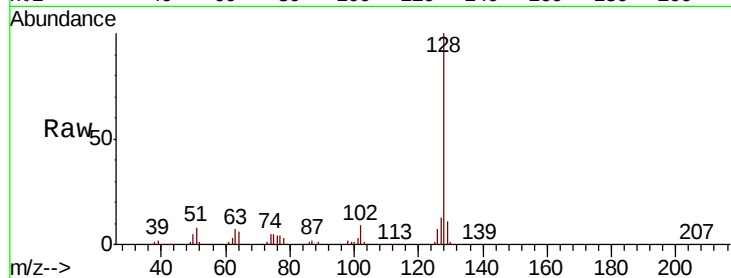
Tot Ion:128 Resp: 596548

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.0 10.2 15.2



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

