

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016158.D
 Acq On : 21 May 2020 17:00
 Operator : SY/MD
 Sample : L2731-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:56:55 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	138182	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28621	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.58	69	33687	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	51603	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.94	46	91409	42.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.38	84	80171	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	41525	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.08	84	153159	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	48947	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	133405	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	12943	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
48) 2-Hexanone-d5	8.12	63	68702	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30921	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	50633	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

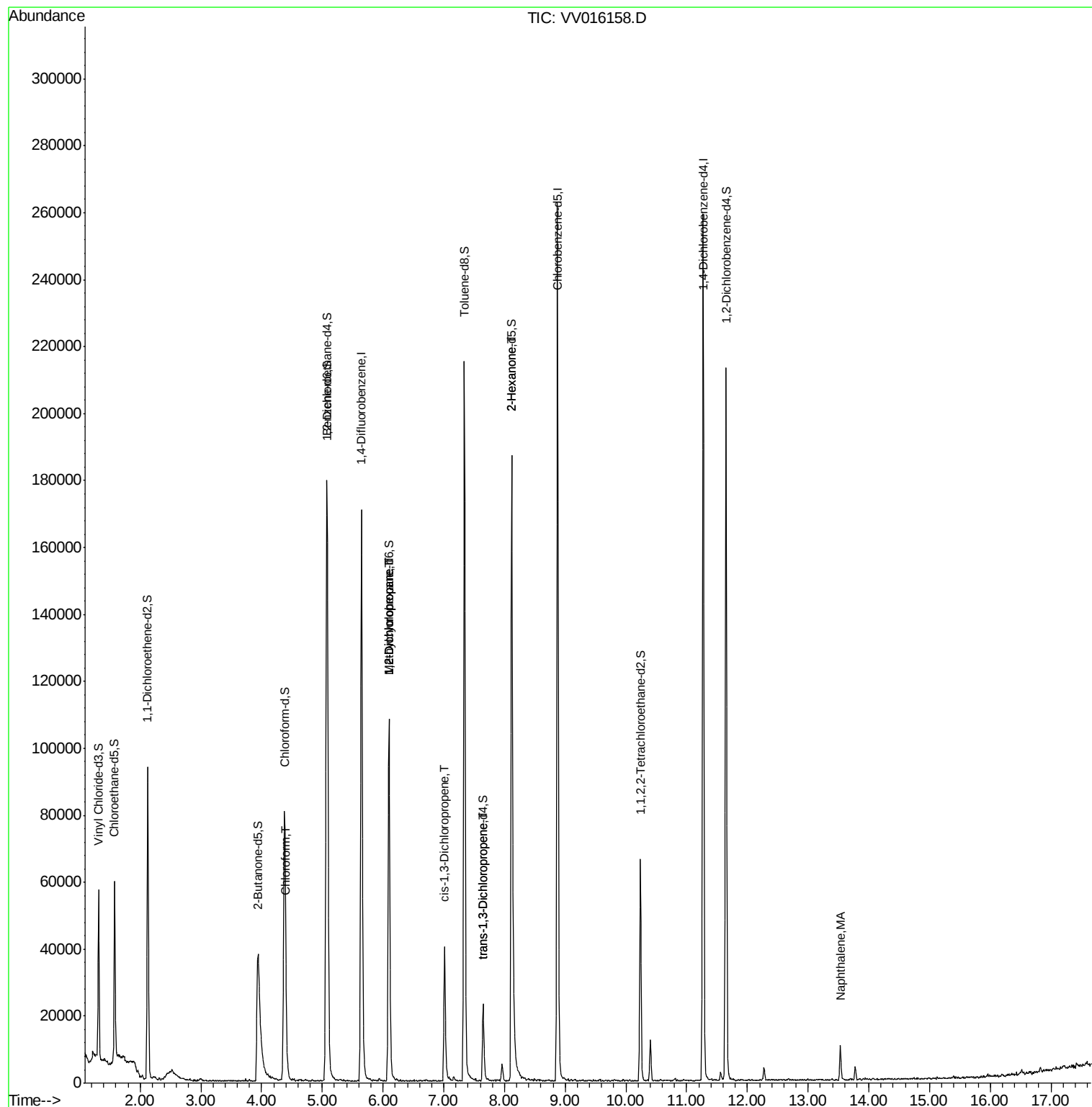
					Ovalue
25) Chloroform	4.41	83	2405	0.135 ug/L	97
35) Methylcyclohexane	6.10	83	11904	0.835 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5936	0.708 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1309	0.110 ug/L	91
46) trans-1,3-Dichloropropene	7.65	75	804	0.080 ug/L #	66
50) 2-Hexanone	8.12	43	9539	2.581 ug/L #	75
70) Naphthalene	13.53	128	8193	0.497 ug/L	99

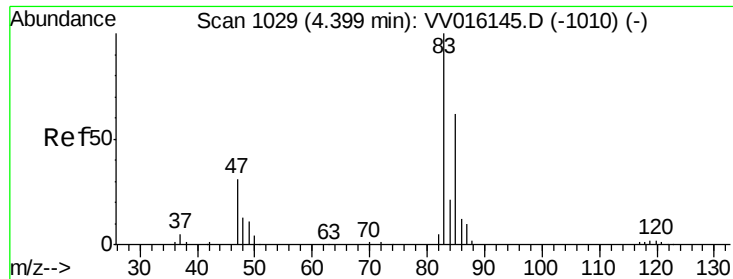
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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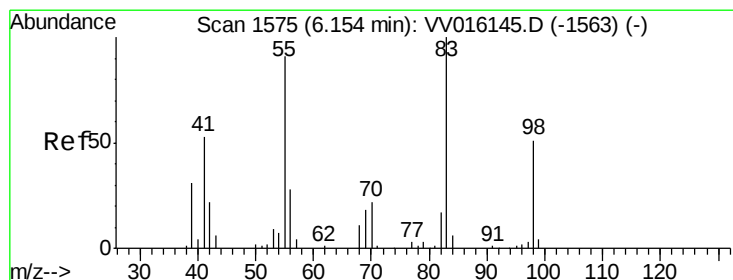
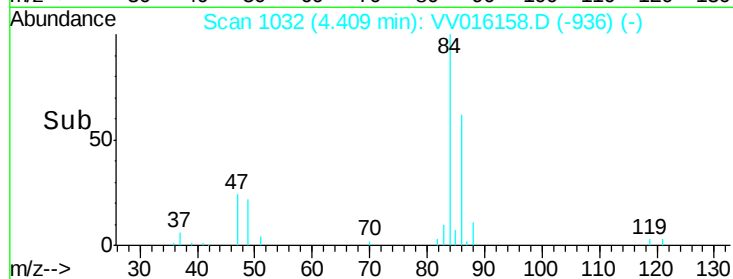
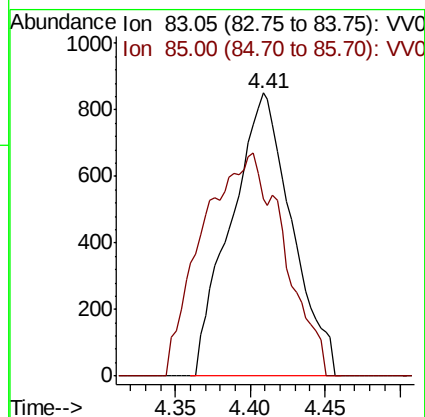
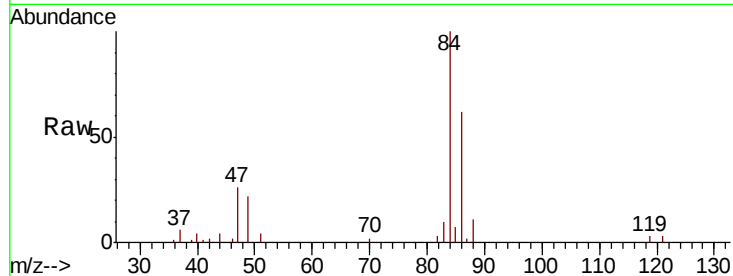




#25
Chloroform
Concen: 0.135 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016158.D
Acq: 21 May 2020 17:00

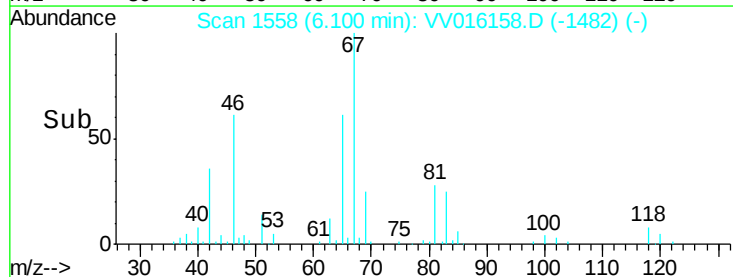
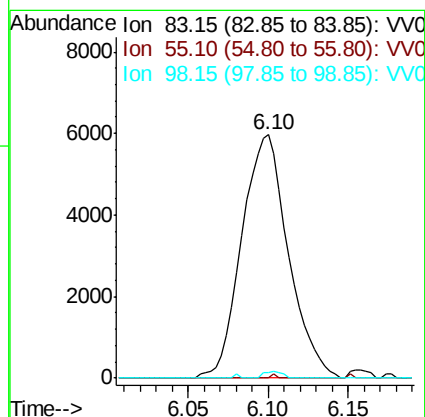
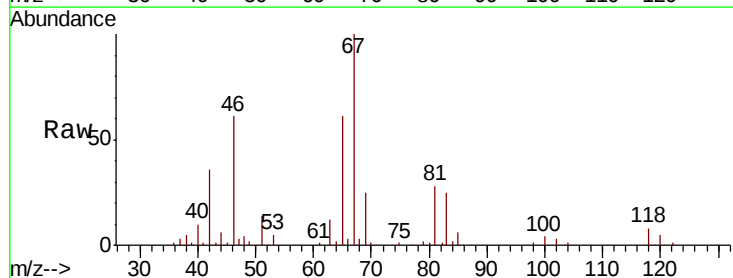
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MSVOA_V
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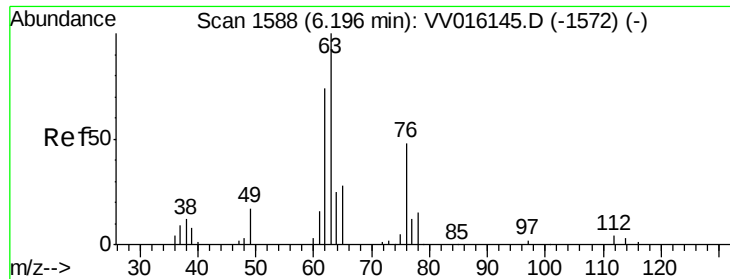
Tot Ion: 83 Resp: 2405
Ion Ratio Lower Upper
83 100
85 62.6 45.7 84.9



#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016158.D
Acq: 21 May 2020 17:00

Tgt Ion: 83 Resp: 11904
Ion Ratio Lower Upper
83 100
55 0.2 66.2 99.2#
98 1.1 37.9 56.9#

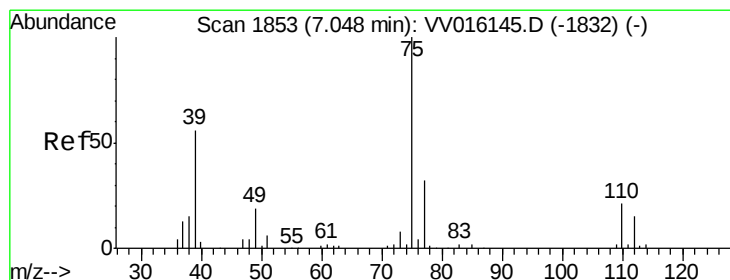
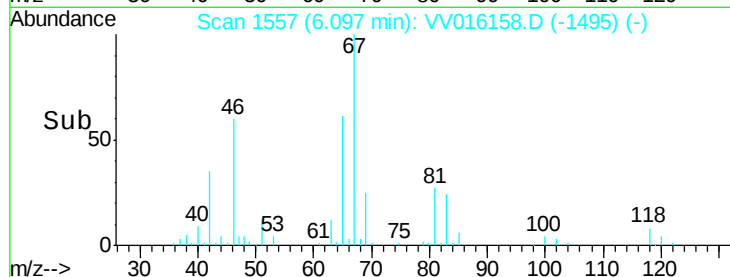
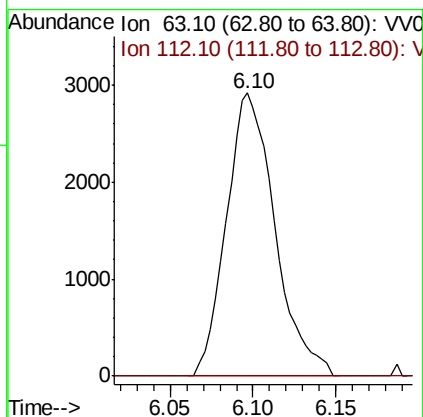
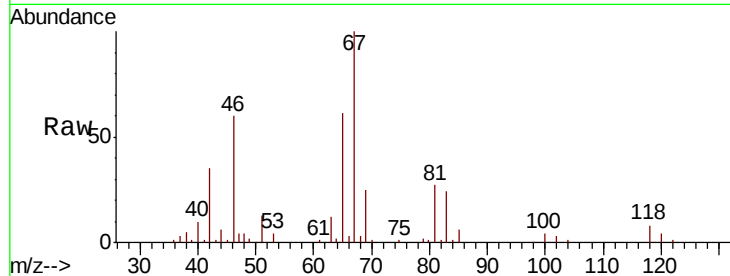




#37
 1,2-Dichloropropane
 Concen: 0.708 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016158.D
 Acq: 21 May 2020 17:00

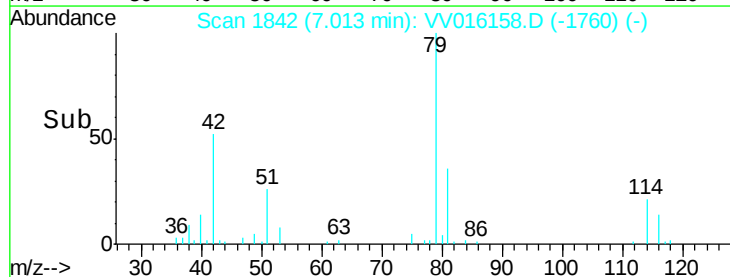
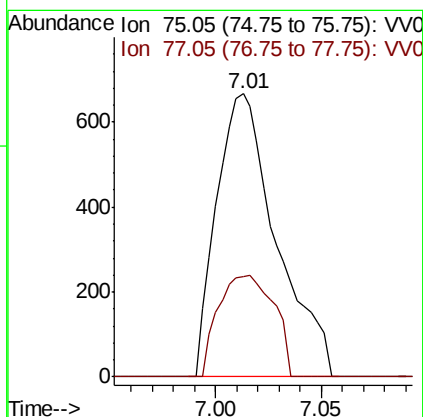
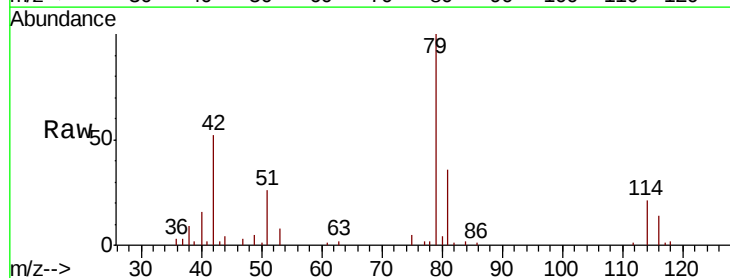
Instrument :
 MSVOA_V
 ClientSampleId :

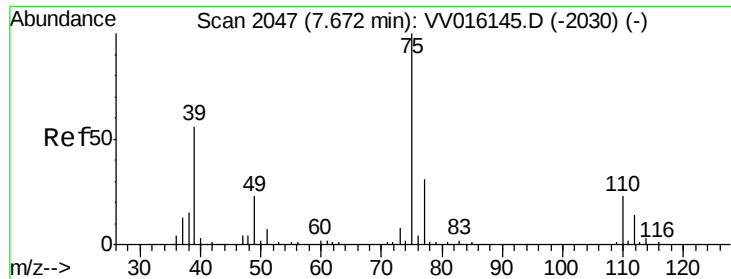
Tot Ion: 63 Resp: 5936
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016158.D
 Acq: 21 May 2020 17:00

Tgt Ion: 75 Resp: 1309
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.3 39.5

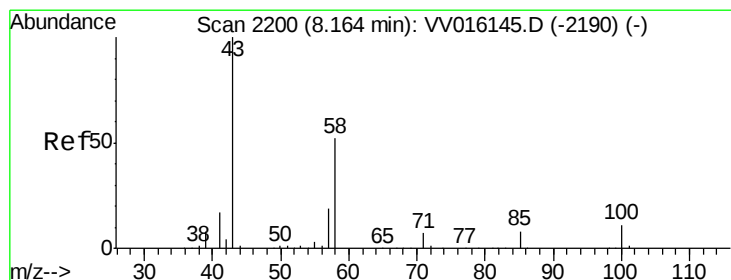
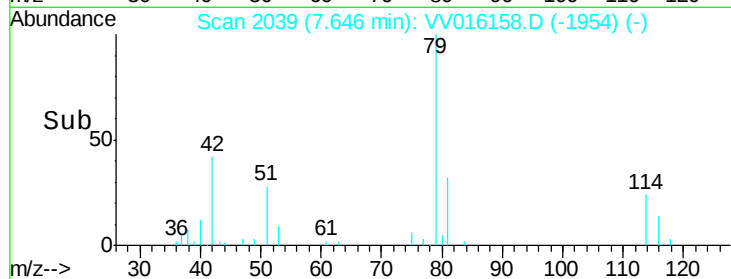
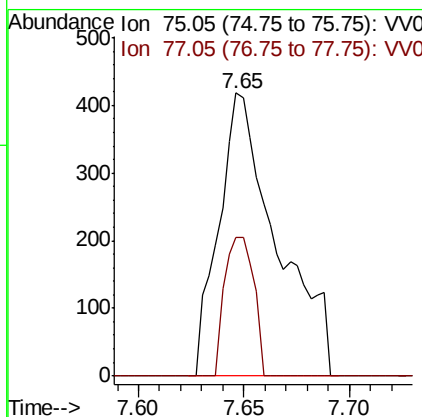
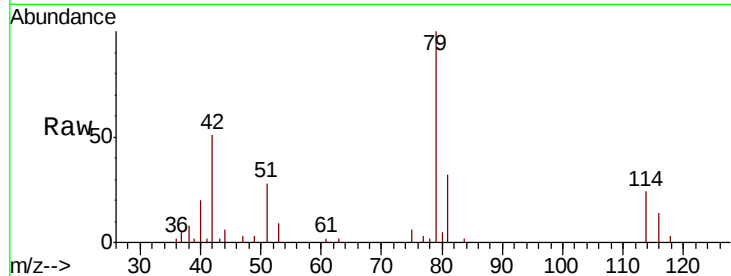




#46
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016158.D
Acq: 21 May 2020 17:00

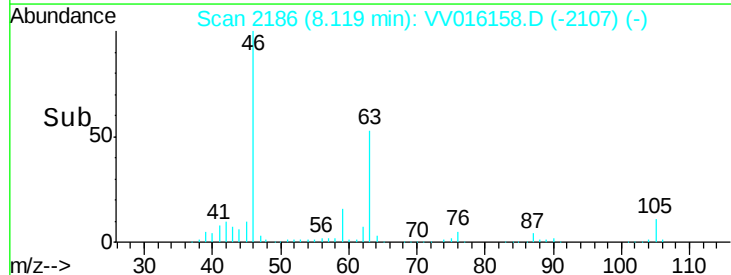
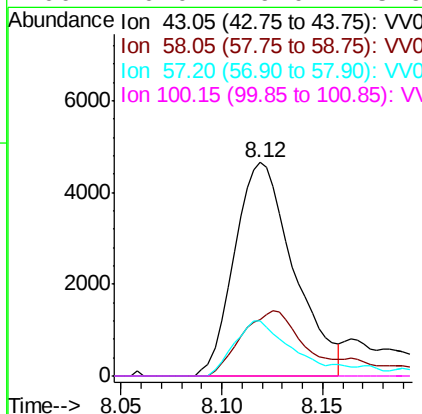
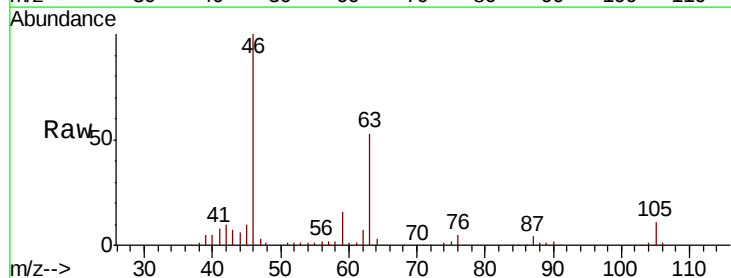
Instrument :
MSVOA_V
ClientSampleId :

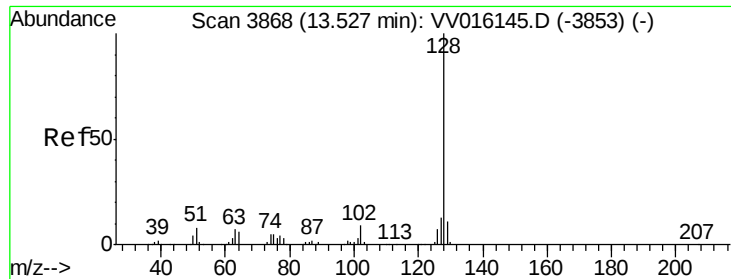
Tot Ion: 75 Resp: 804
Ion Ratio Lower Upper
75 100
77 49.0 21.3 39.6#



#50
2-Hexanone
Concen: 2.581 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV016158.D
Acq: 21 May 2020 17:00

Tgt Ion: 43 Resp: 9539
Ion Ratio Lower Upper
43 100
58 31.1 40.8 61.2#
57 24.0 14.7 22.1#
100 0.0 9.0 13.6#





#70

Naphthalene

Concen: 0.497 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016158.D

Acq: 21 May 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 8193

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 11.9 10.2 15.2

