

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016197.D
 Acq On : 26 May 2020 17:56
 Operator : SY/MD
 Sample : VV0526WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:14:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	100797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95113	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29912	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	25359	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.12	63	41293	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.97	46	79530	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.38	84	59647	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	32265	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.07	84	118761	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	36588	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	107698	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.65	79	13290	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
48) 2-Hexanone-d5	8.12	63	62063	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26051	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	36997	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

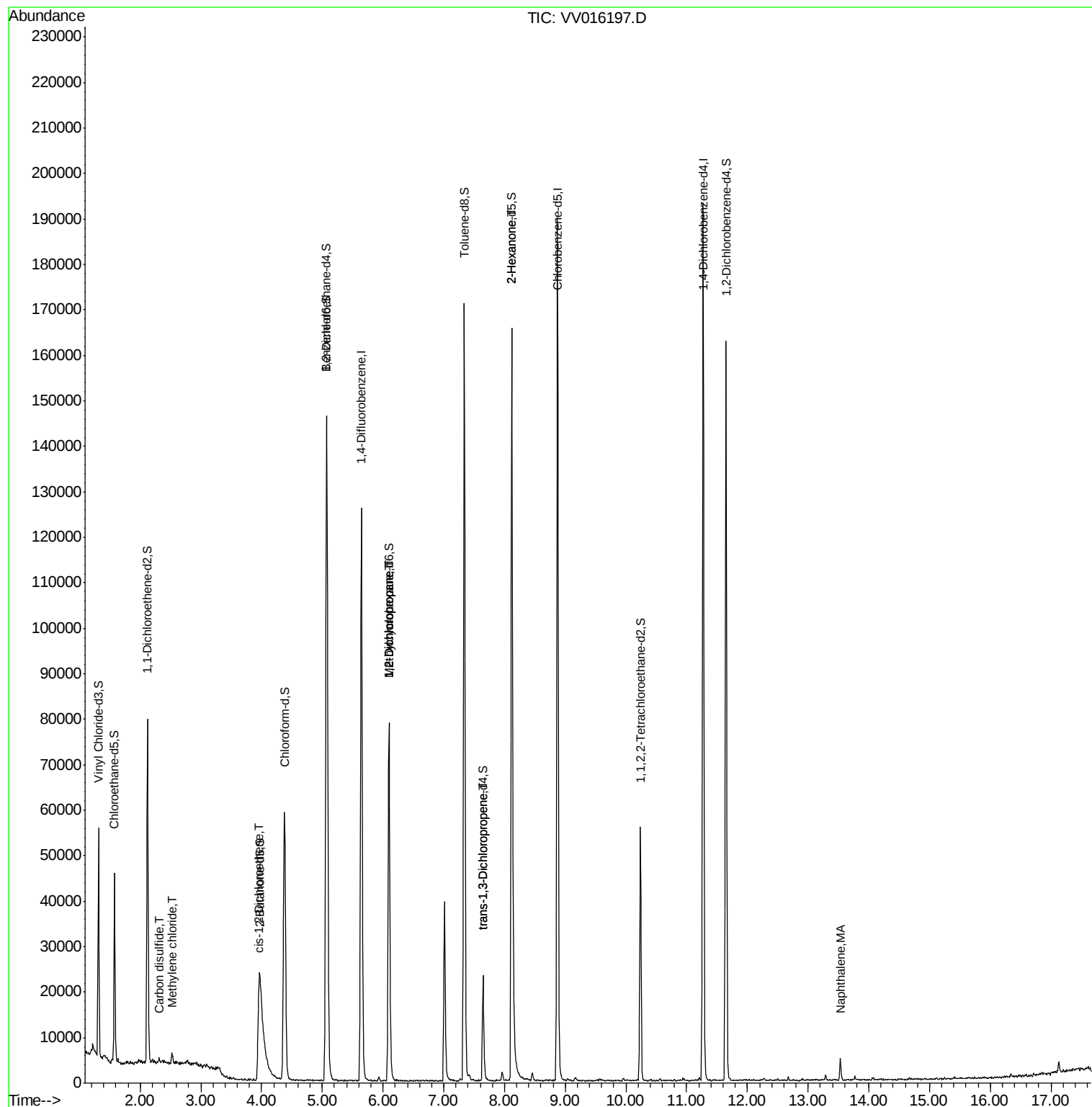
					Ovalue
14) Carbon disulfide	2.31	76	813	0.044 ug/L #	75
16) Methylene chloride	2.52	84	726	0.107 ug/L	81
22) cis-1,2-Dichloroethene	3.94	96	548	0.071 ug/L	90
35) Methylcyclohexane	6.10	83	8755	0.728 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4220	0.629 ug/L #	88
46) trans-1,3-Dichloropropene	7.64	75	614	0.078 ug/L	83
50) 2-Hexanone	8.12	43	7796	2.677 ug/L #	70
70) Naphthalene	13.53	128	3920	0.213 ug/L #	90

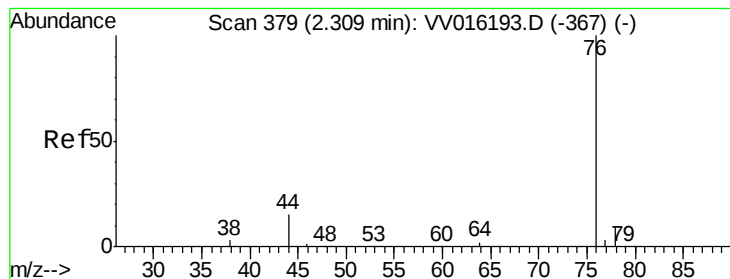
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

Quant Time: May 27 03:14:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016197.D

Acq: 26 May 2020 17:56

Instrument :

MSVOA_V

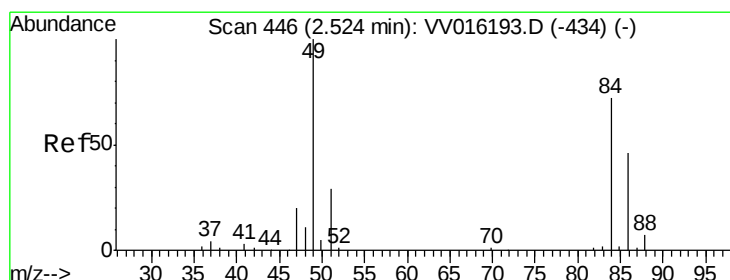
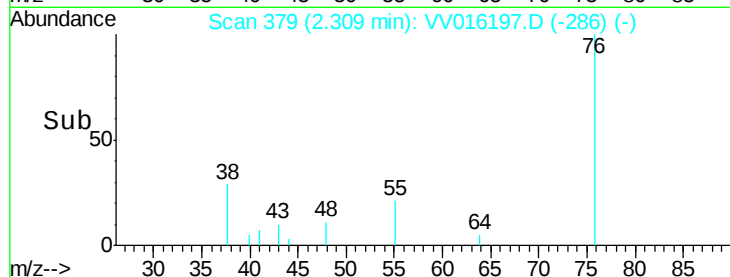
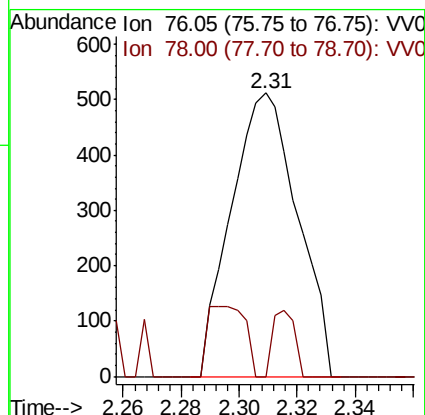
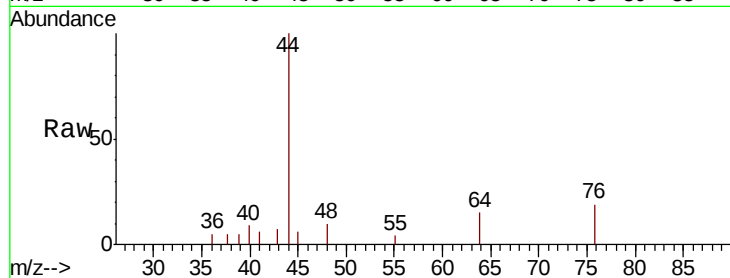
ClientSampleId :

Tot Ion: 76 Resp: 813

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#16

Methylene chloride

Concen: 0.107 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV016197.D

Acq: 26 May 2020 17:56

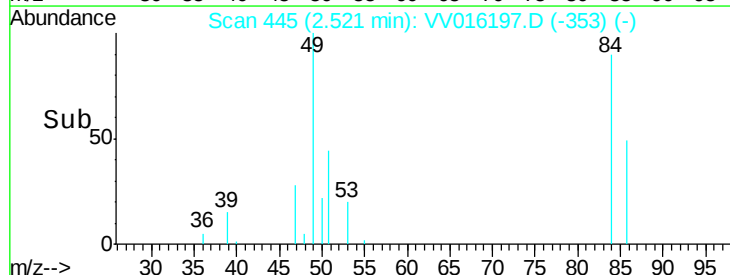
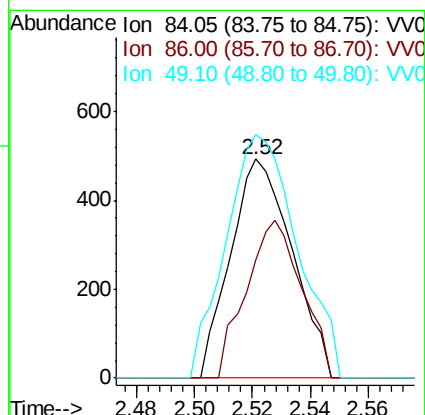
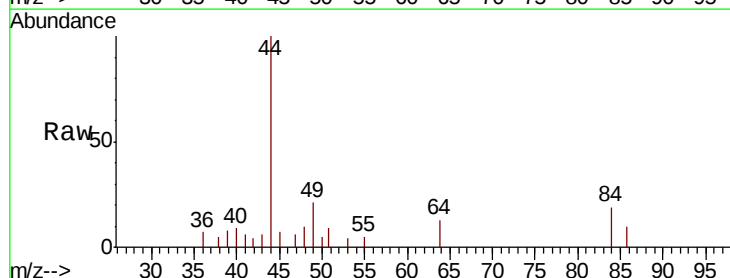
Tgt Ion: 84 Resp: 726

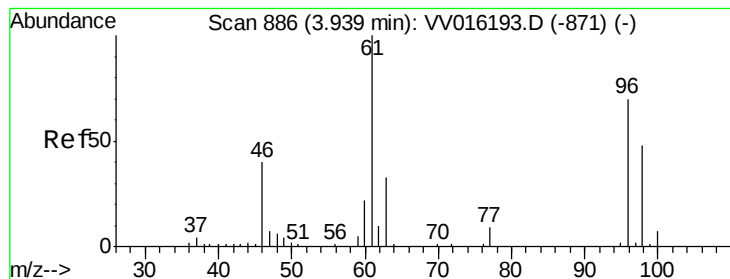
Ion Ratio Lower Upper

84 100

86 54.0 44.9 83.5

49 111.2 96.7 179.7





#22

cis-1,2-Dichloroethene

Concen: 0.071 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016197.D

Acq: 26 May 2020 17:56

Instrument :
MSVOA_V
ClientSampled :

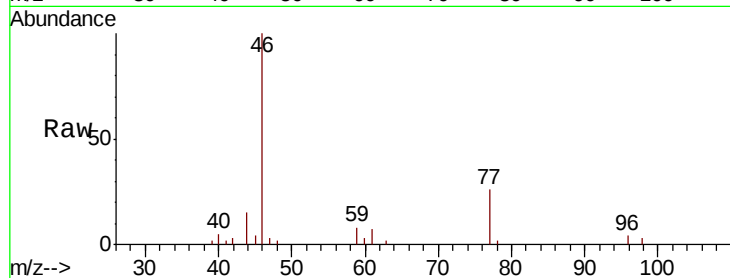
Tot Ion: 96 Resp: 548

Ion Ratio Lower Upper

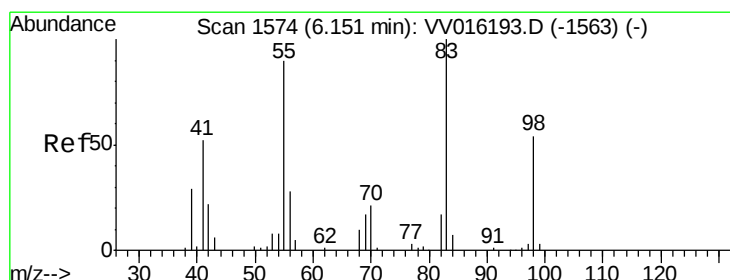
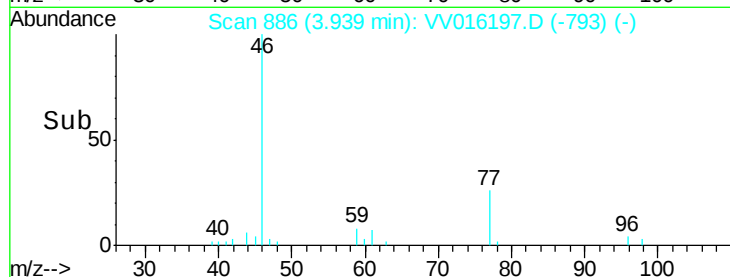
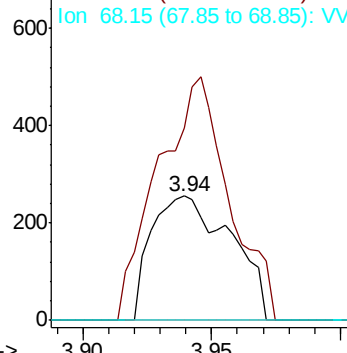
96 100

61 154.5 99.7 185.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016197.D

Acq: 26 May 2020 17:56

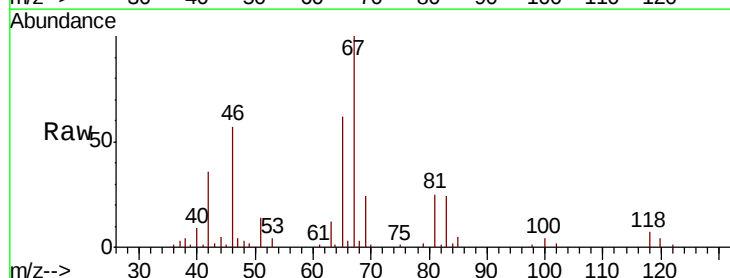
Tgt Ion: 83 Resp: 8755

Ion Ratio Lower Upper

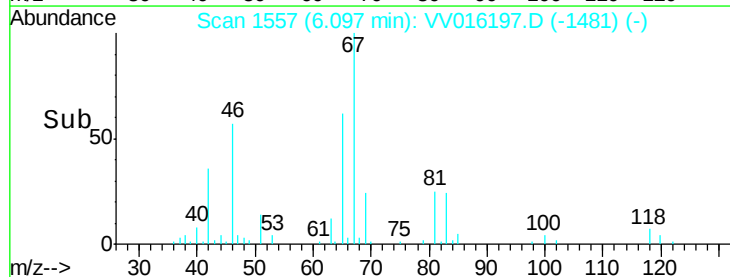
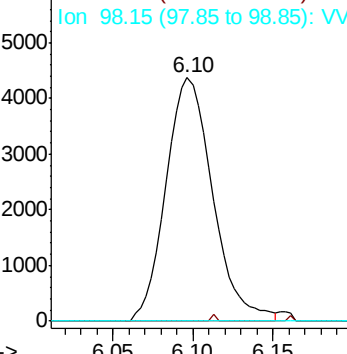
83 100

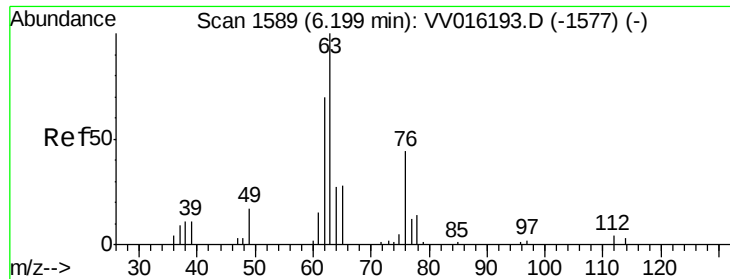
55 0.3 65.4 98.0#

98 0.7 39.3 58.9#



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

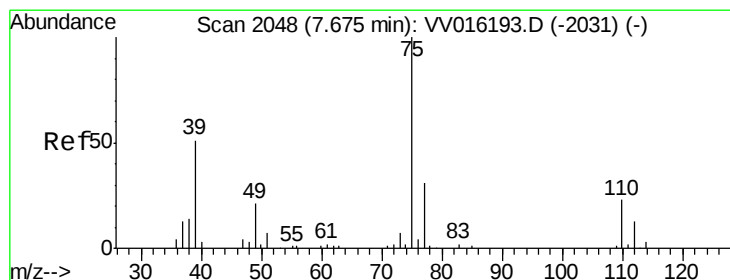
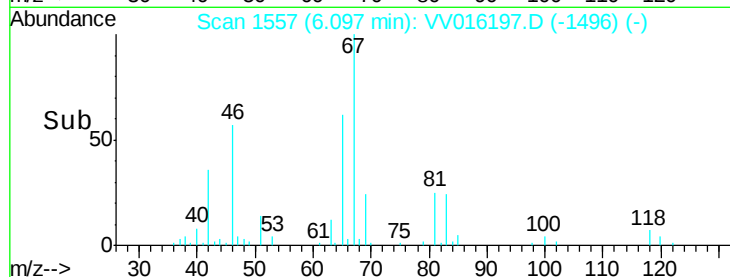
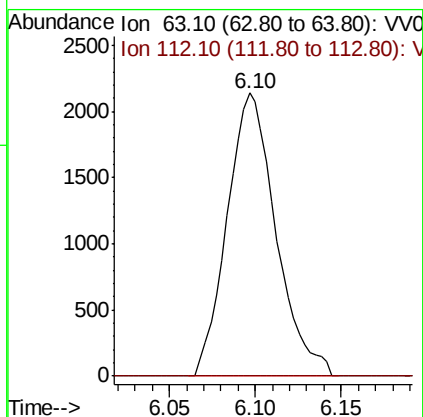
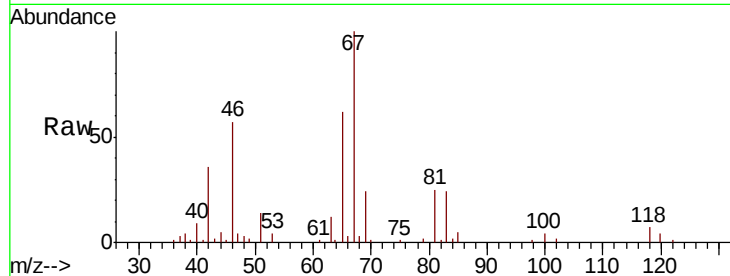




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016197.D
 Acq: 26 May 2020 17:56

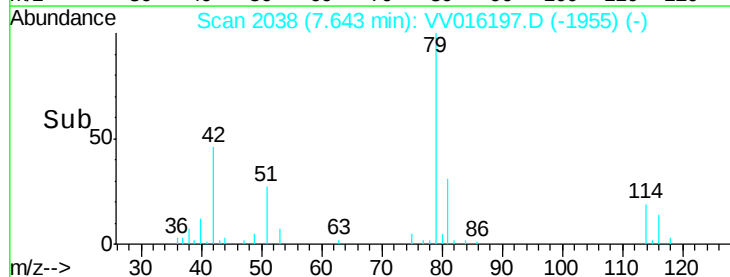
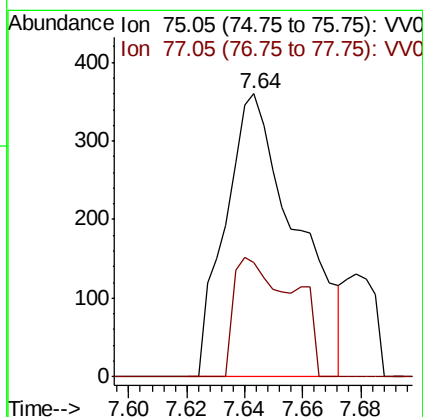
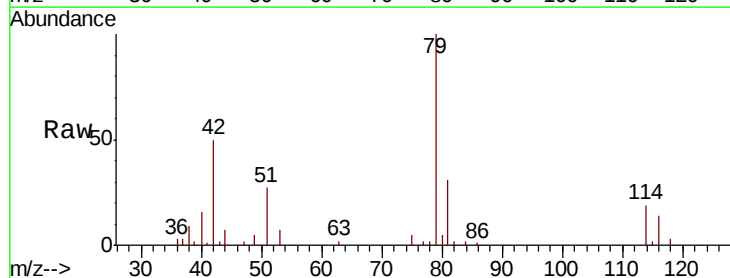
Instrument :
 MSVOA_V
 ClientSampleId :

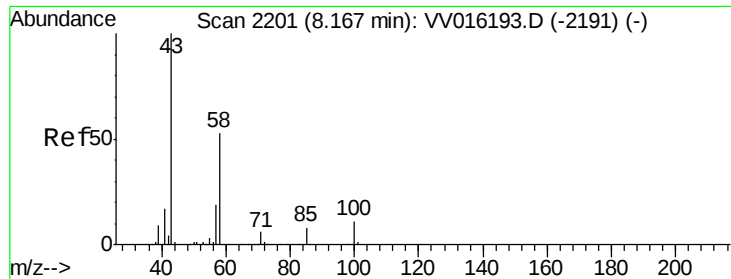
Tot Ion: 63 Resp: 4220
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#46
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016197.D
 Acq: 26 May 2020 17:56

Tgt Ion: 75 Resp: 614
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.7 40.3

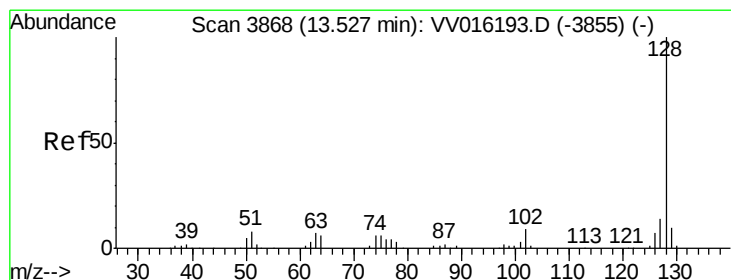
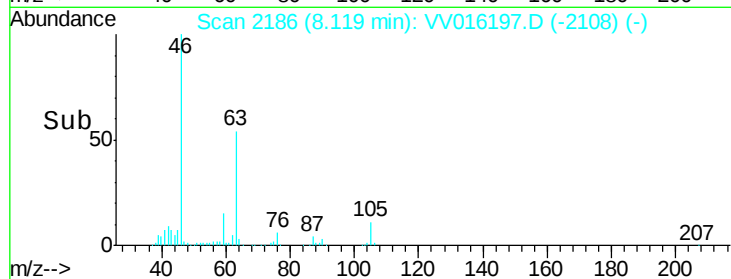
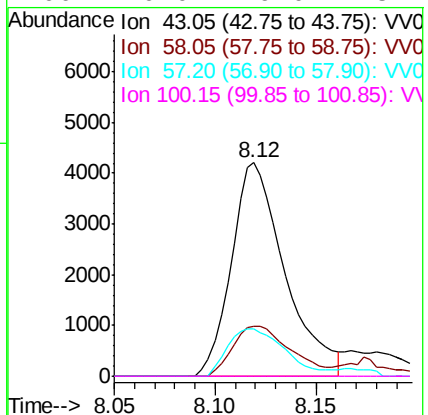
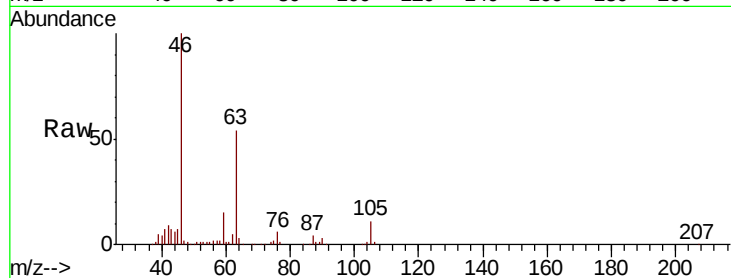




#50
2-Hexanone
Concen: 2.677 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016197.D
Acq: 26 May 2020 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7796
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.0#
57 23.9 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.213 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016197.D
Acq: 26 May 2020 17:56

Tgt Ion: 128 Resp: 3920
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 5.8 10.6 15.8#

