

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016199.D
 Acq On : 26 May 2020 18:45
 Operator : SY/MD
 Sample : L2725-07DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:15:19 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	106530	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100960	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30459	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	27133	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	42267	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.95	46	80698	47.55	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	4.38	84	59744	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	32334	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.07	84	117236	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	36321	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.34	98	109068	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	7.65	79	13157	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.12	63	62198	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26005	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	37269	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

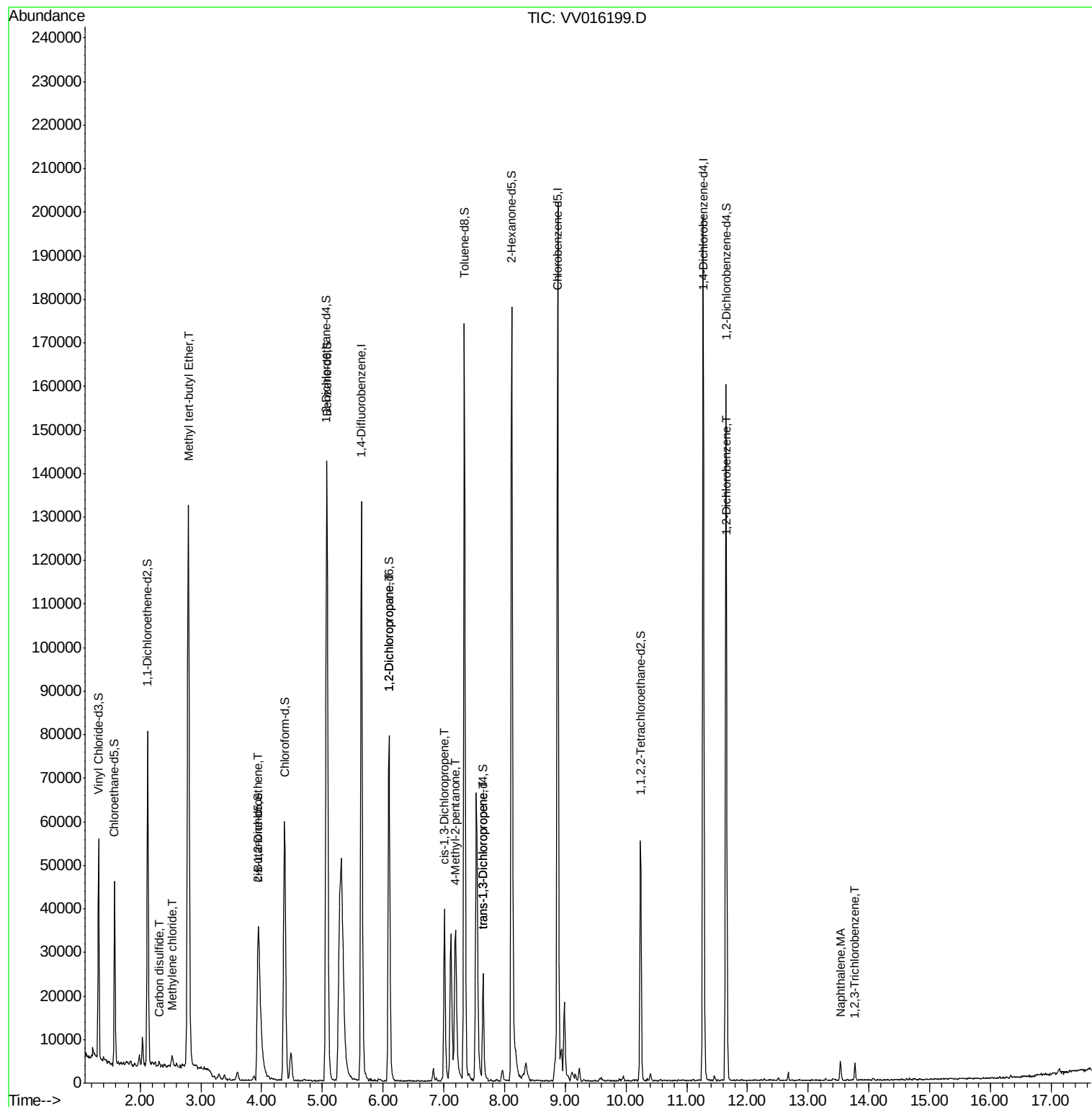
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.31	76	1061	0.054	ug/L #	79
16) Methylene chloride	2.52	84	983	0.136	ug/L	87
17) Methyl tert-butyl Ether	2.79	73	128328	8.295	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	571	0.070	ug/L	99
37) 1,2-Dichloropropane	6.10	63	4337	0.609	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1030	0.102	ug/L #	60
40) 4-Methyl-2-pentanone	7.19	43	6192	1.397	ug/L #	51
46) trans-1,3-Dichloropropene	7.65	75	697	0.083	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	889	0.070	ug/L #	83
70) Naphthalene	13.53	128	3847	0.202	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	1335	0.170	ug/L	88

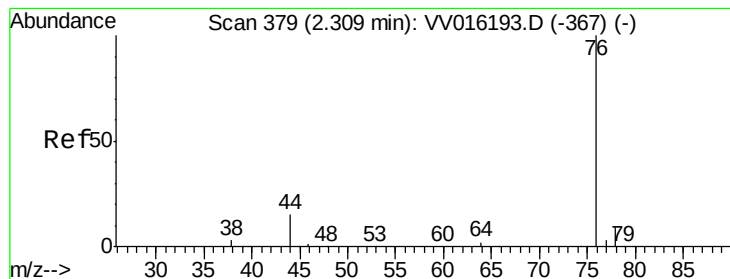
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 03:06:56 2020
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#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016199.D

Acq: 26 May 2020 18:45

Instrument :

MSVOA_V

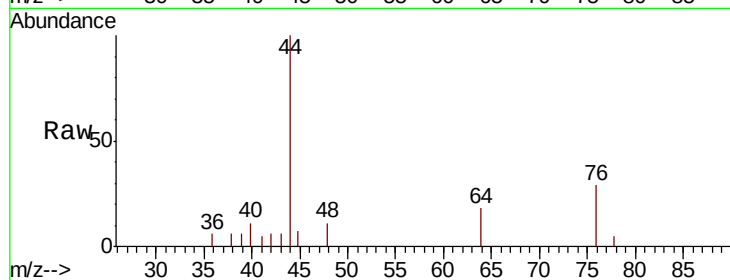
ClientSampleId :

Tot Ion: 76 Resp: 1061

Ion Ratio Lower Upper

76 100

78 16.9 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

600

400

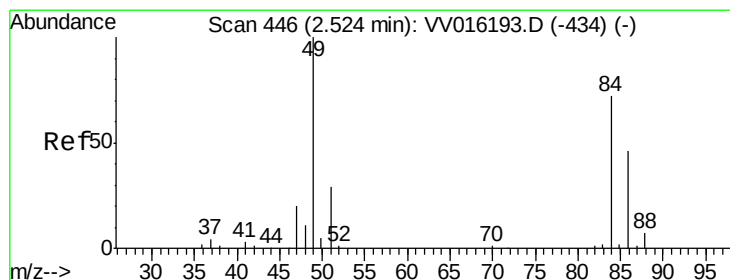
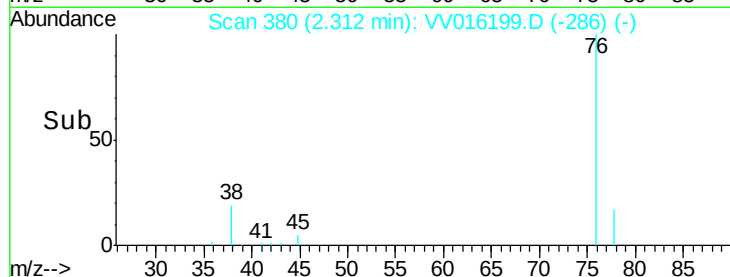
200

0

2.30

2.35

Time-->



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016199.D

Acq: 26 May 2020 18:45

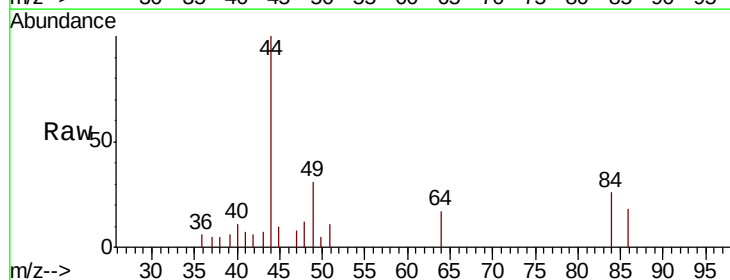
Tgt Ion: 84 Resp: 983

Ion Ratio Lower Upper

84 100

86 69.9 44.9 83.5

49 119.2 96.7 179.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

800

600

400

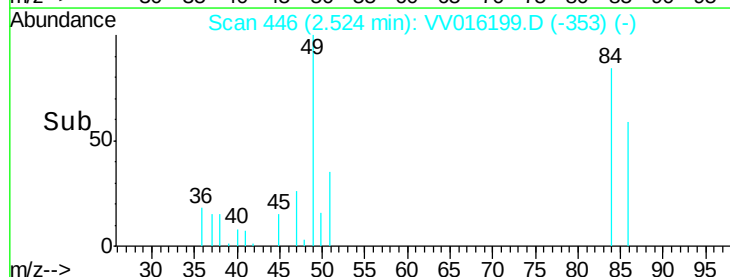
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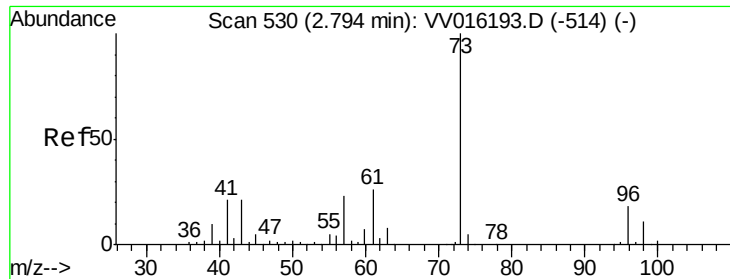
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2.50

2.55

Time-->

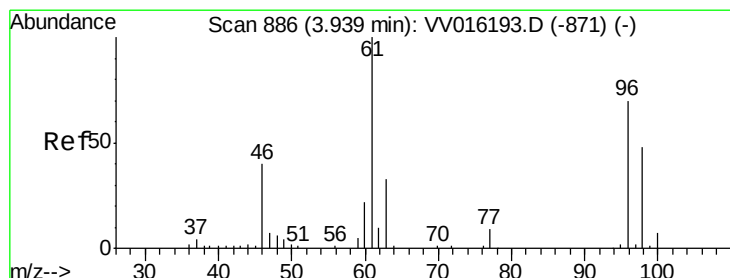
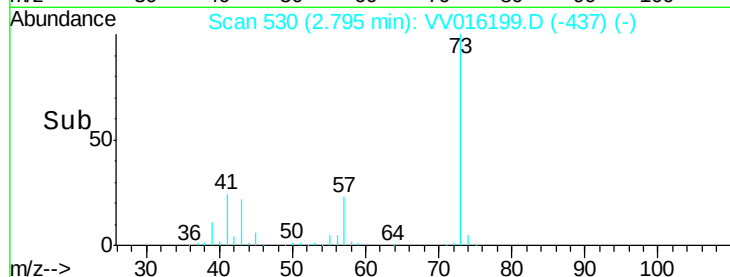
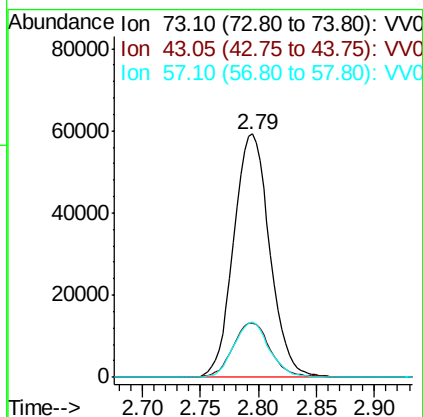
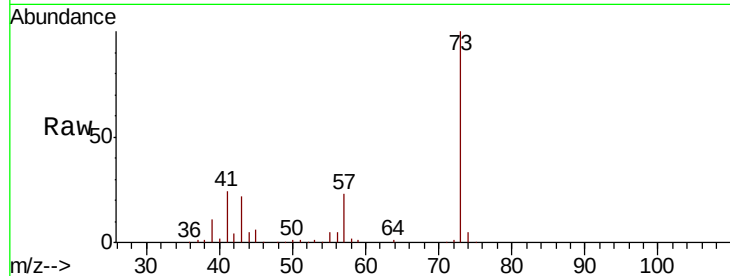




#17
Methyl tert-butyl Ether
Concen: 8.295 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV016199.D
Acq: 26 May 2020 18:45

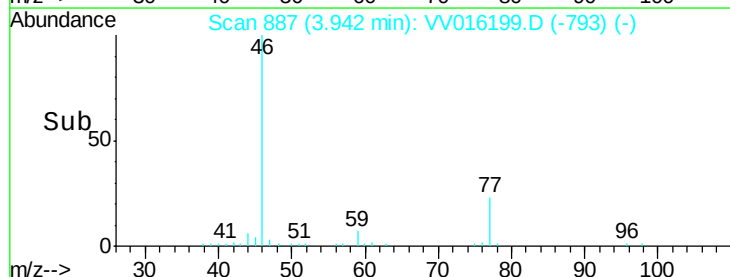
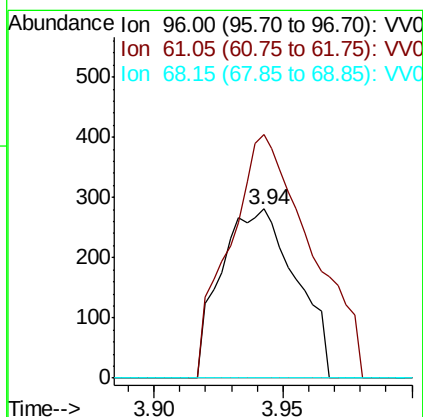
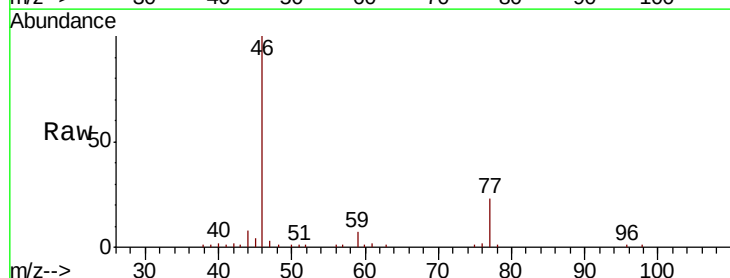
Instrument :
MSVOA_V
ClientSampleId :

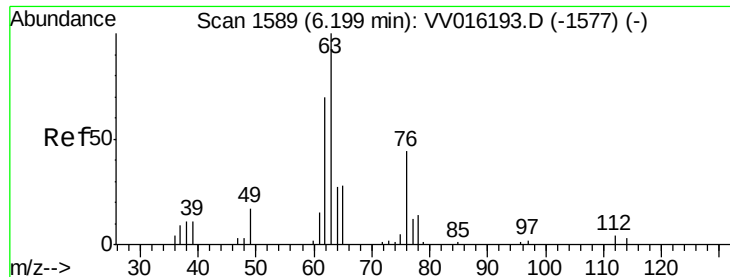
Tot Ion: 73 Resp: 128328
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.8
57 22.4 18.9 28.3



#22
cis-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016199.D
Acq: 26 May 2020 18:45

Tgt Ion: 96 Resp: 571
Ion Ratio Lower Upper
96 100
61 143.8 99.7 185.1
68 0.0 0.0 0.0

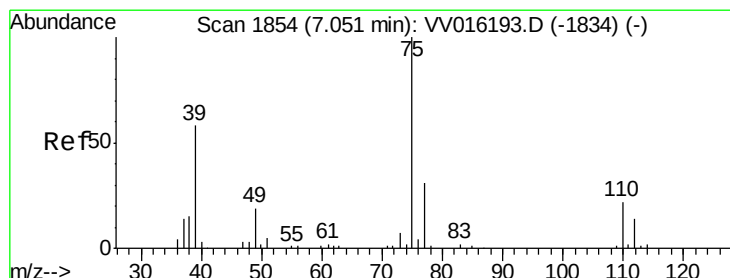
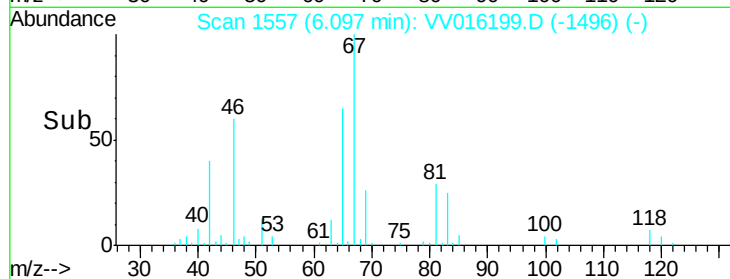
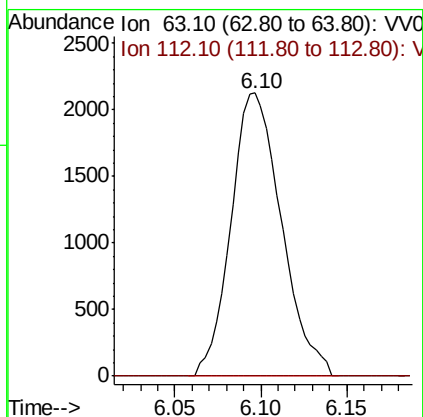
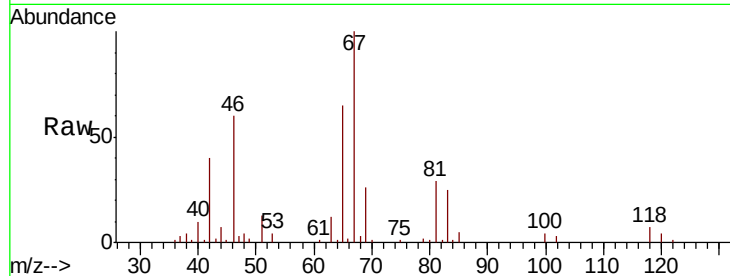




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016199.D
 Acq: 26 May 2020 18:45

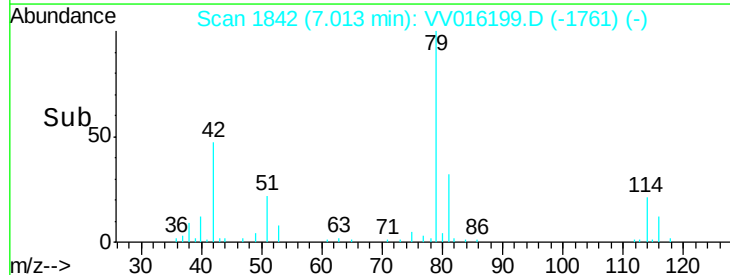
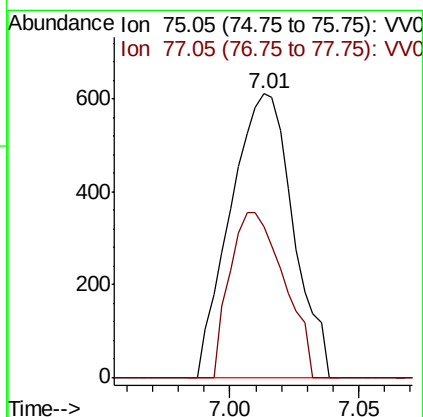
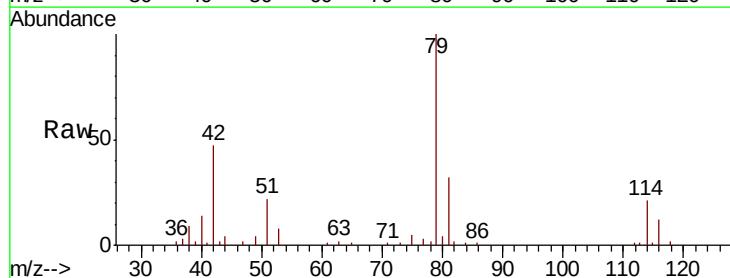
Instrument :
 MSVOA_V
 ClientSampleId :

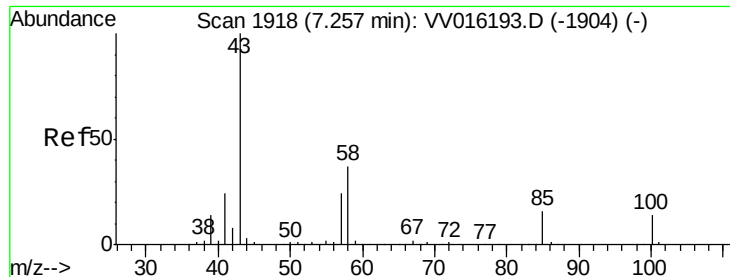
Tot Ion: 63 Resp: 4337
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016199.D
 Acq: 26 May 2020 18:45

Tgt Ion: 75 Resp: 1030
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.7 40.3#

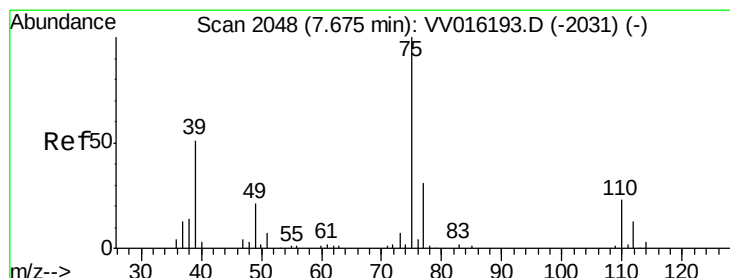
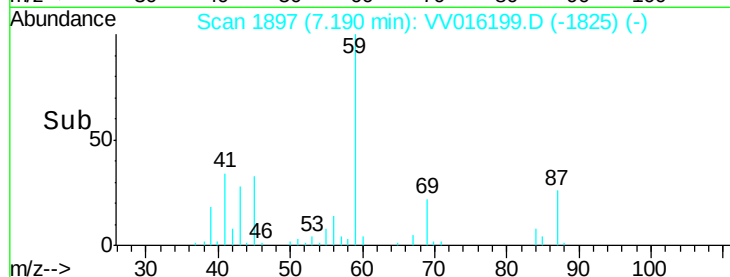
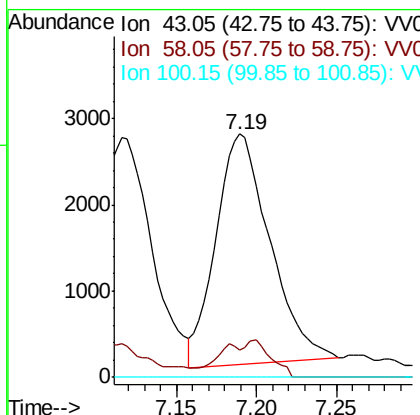
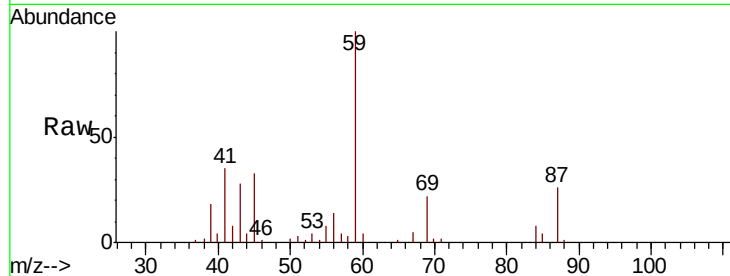




#40
4-Methyl-2-pentanone
Concen: 1.397 ug/L
RT: 7.19 min Scan# 1897
Delta R.T. -0.07 min
Lab File: VV016199.D
Acq: 26 May 2020 18:45

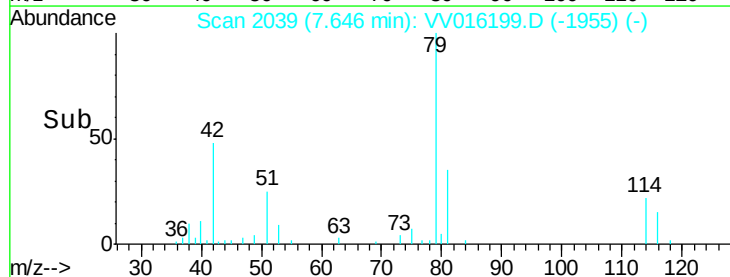
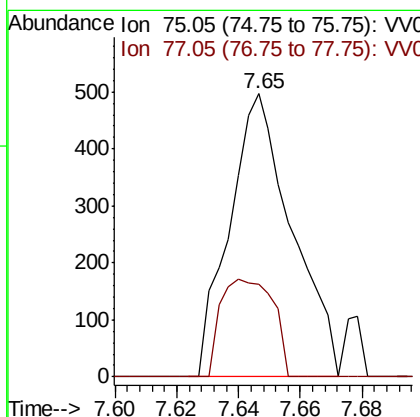
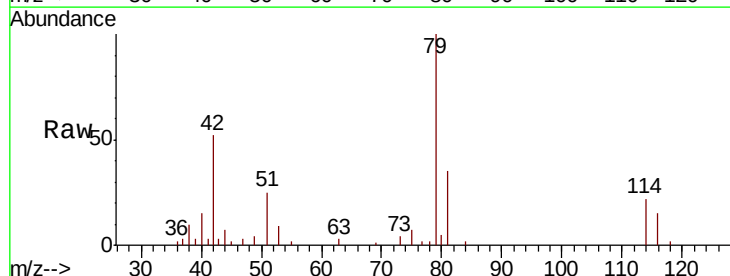
Instrument :
MSVOA_V
ClientSampleId :

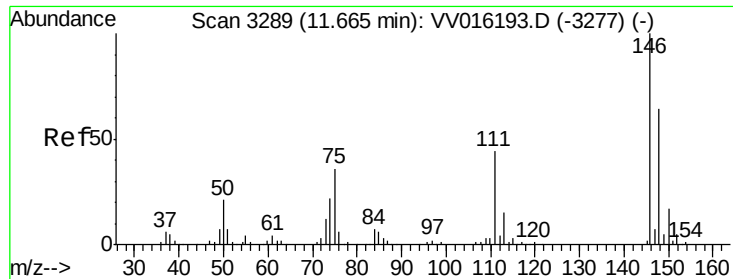
Tot Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
58 4.4 29.5 44.3#
100 0.0 11.1 16.7#



#46
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016199.D
Acq: 26 May 2020 18:45

Tgt Ion: 75 Resp: 697
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3

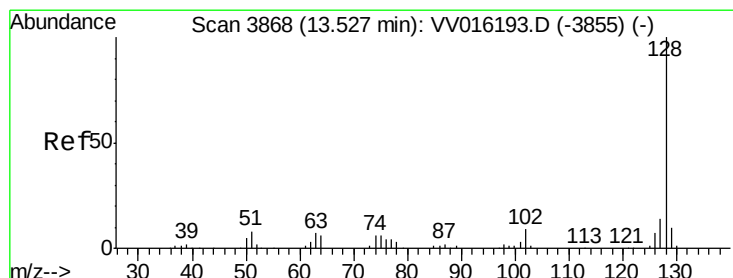
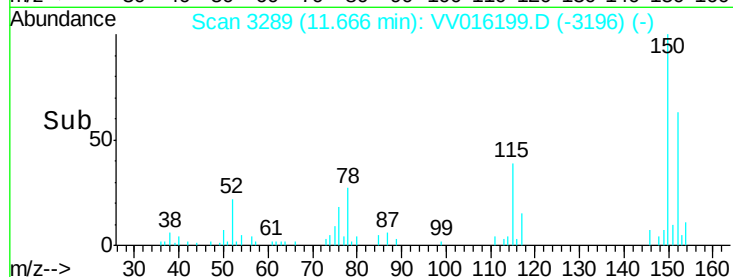
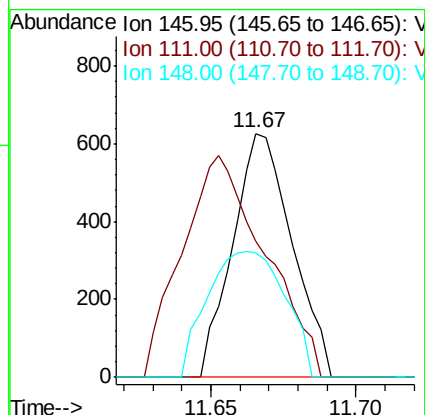
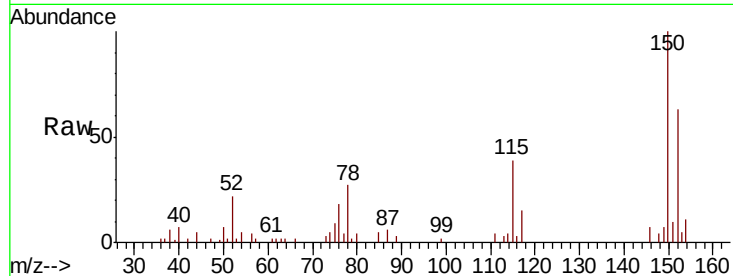




#66
 1,2-Dichlorobenzene
 Concen: 0.070 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV016199.D
 Acq: 26 May 2020 18:45

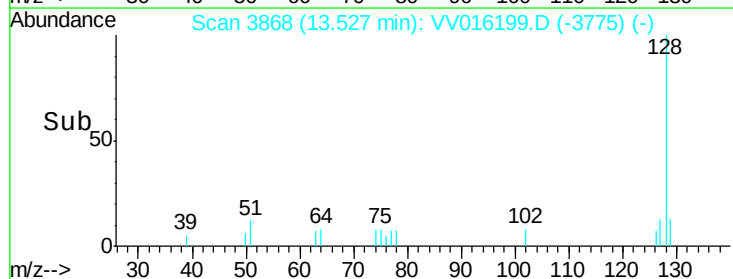
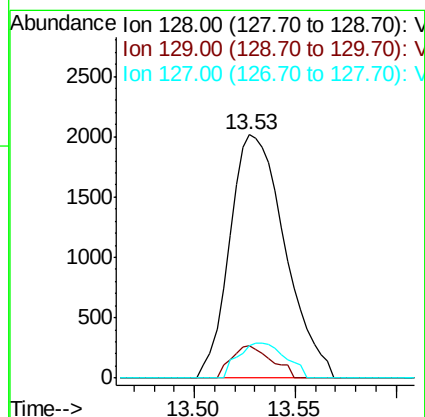
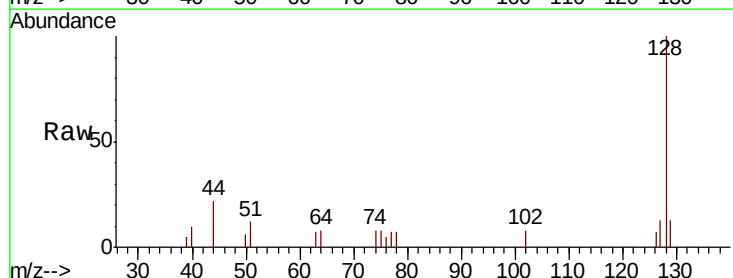
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 MSVOA_V
 ClientSampleId :

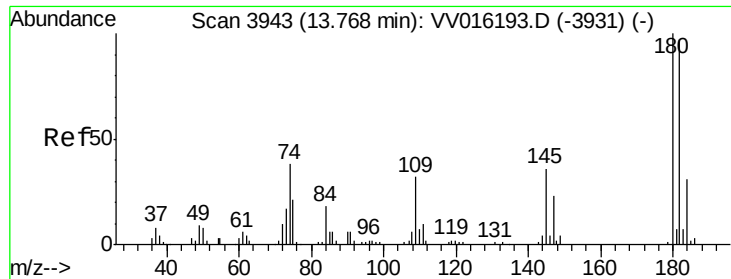
Tot Ion:146 Resp: 889
 Ion Ratio Lower Upper
 146 100
 111 55.6 35.7 53.5#
 148 51.1 51.3 76.9#



#70
 Naphthalene
 Concen: 0.202 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. 0.00 min
 Lab File: VV016199.D
 Acq: 26 May 2020 18:45

Tgt Ion:128 Resp: 3847
 Ion Ratio Lower Upper
 128 100
 129 9.6 8.6 13.0
 127 12.4 10.6 15.8

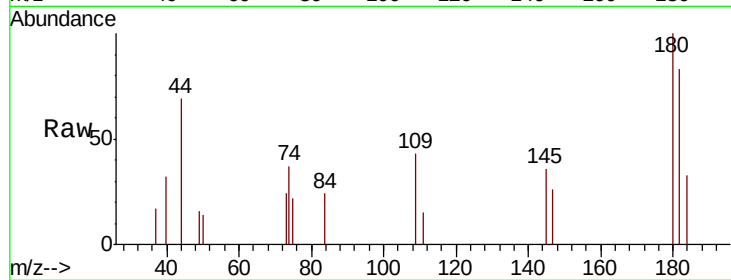




#71
 1,2,3-Trichlorobenzene
 Concen: 0.170 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV016199.D
 Acq: 26 May 2020 18:45

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1335
 Ion Ratio Lower Upper
 180 100
 182 82.8 77.1 115.7
 145 31.4 28.6 42.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

