

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015700.D
 Acq On : 25 Apr 2020 17:50
 Operator : SY/MD
 Sample : L2413-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:16:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124397	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25940	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	27828	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	44841	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.95	46	106242	50.90	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.38	84	69648	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	43202	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.07	84	134657	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	44440	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	121296	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.64	79	13323	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.12	63	82141	47.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32949	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47066	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

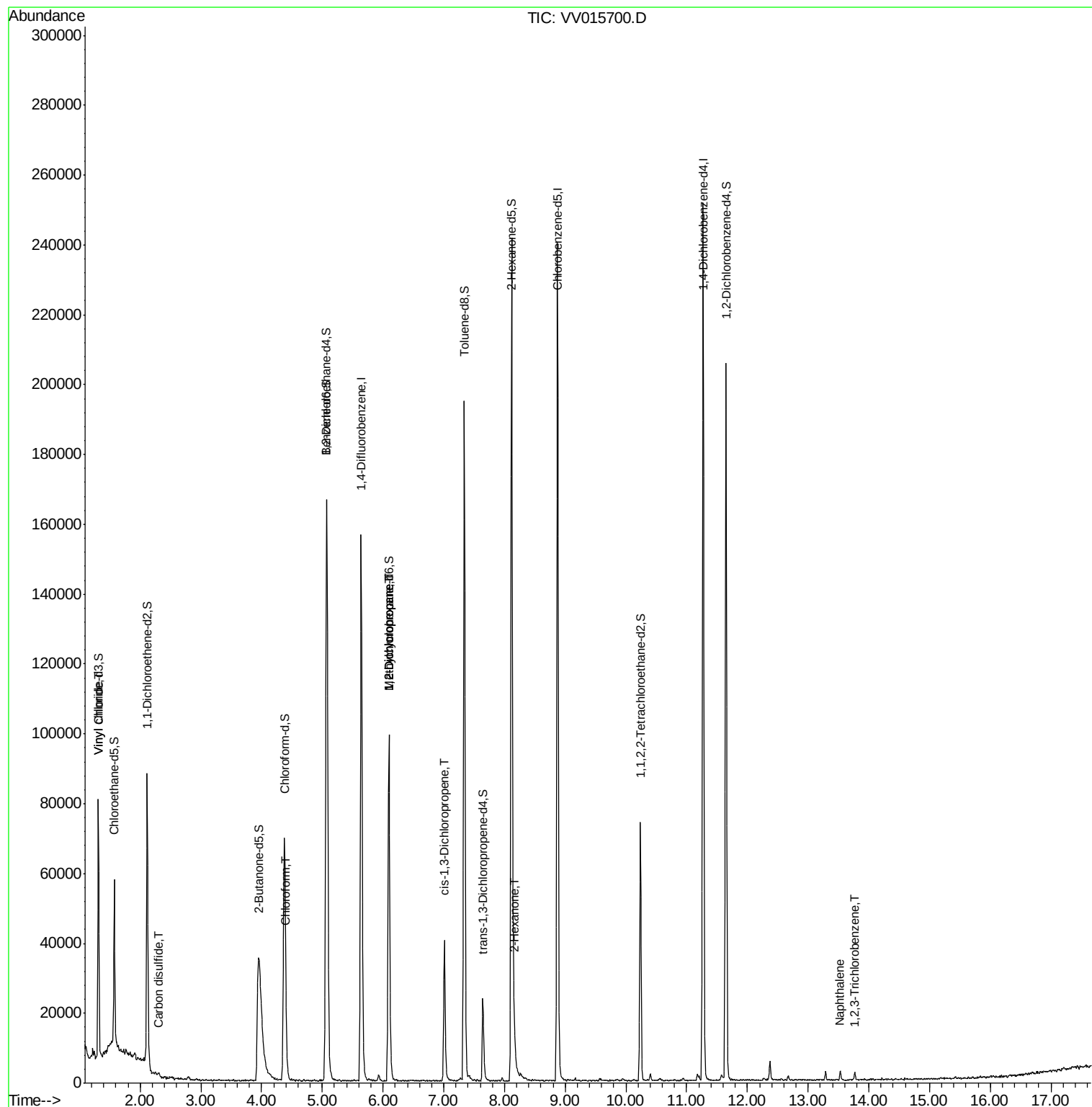
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	20546	2.087	ug/L	99
14) Carbon disulfide	2.31	76	941	0.046	ug/L #	75
25) Chloroform	4.41	83	3331	0.197	ug/L	97
35) Methylcyclohexane	6.10	83	11085	0.760	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5301	0.606	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1342	0.110	ug/L #	70
48) 2-Hexanone	8.16	43	4288	1.059	ug/L #	88
69) Naphthalene	13.53	128	2318	0.104	ug/L #	89
70) 1,2,3-Trichlorobenzene	13.77	180	959	0.088	ug/L #	77

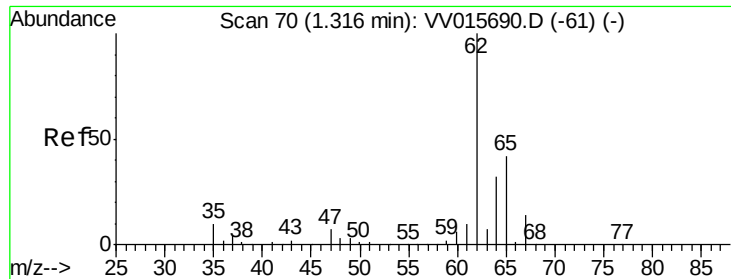
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.087 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015700.D

Acq: 25 Apr 2020 17:50

Instrument :

MSVOA_V

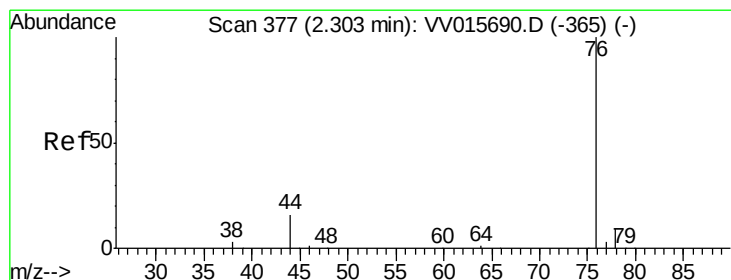
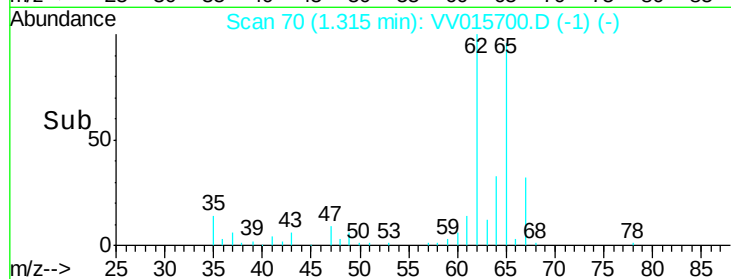
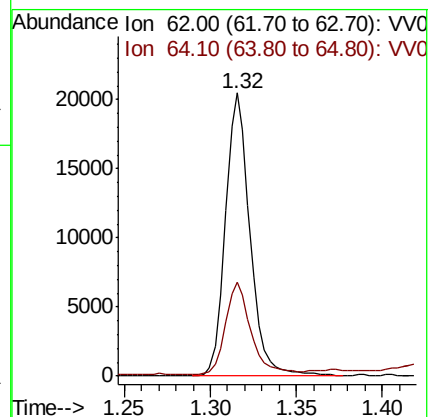
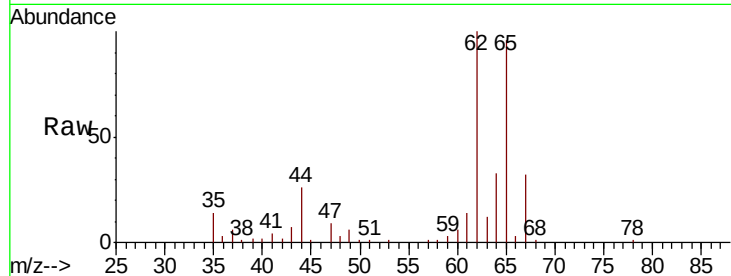
ClientSampled :

Tot Ion: 62 Resp: 20546

Ion Ratio Lower Upper

62 100

64 33.0 22.7 42.1



#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015700.D

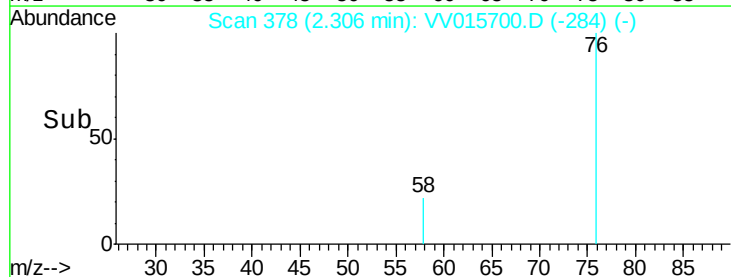
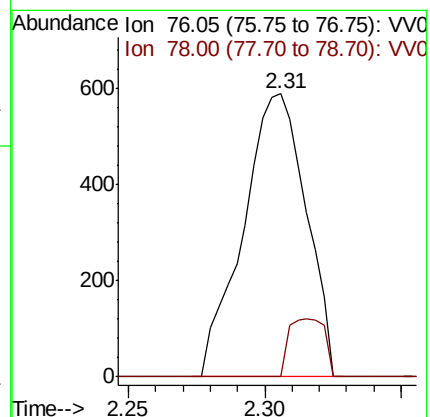
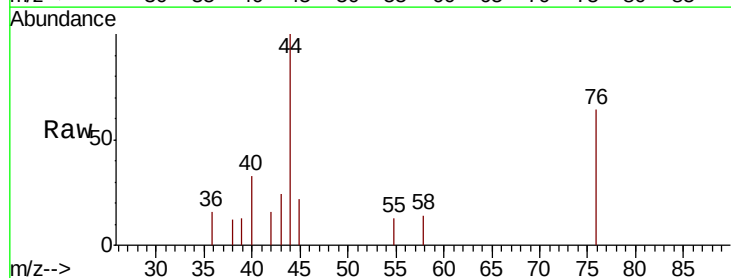
Acq: 25 Apr 2020 17:50

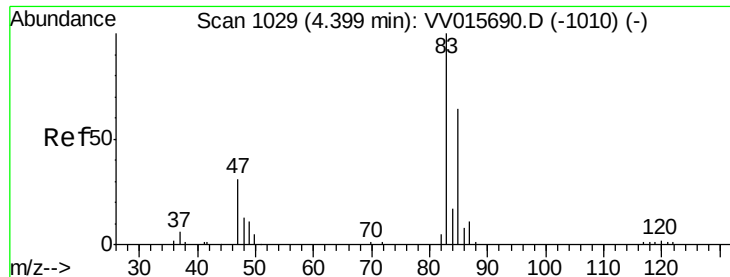
Tgt Ion: 76 Resp: 941

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

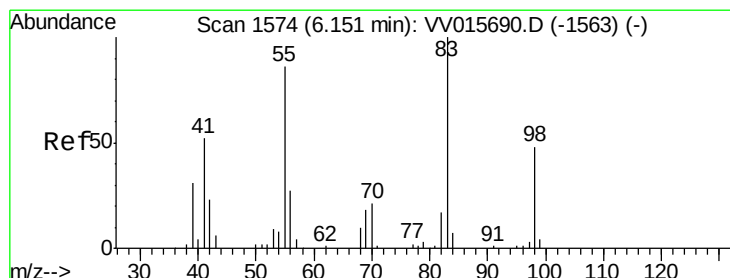
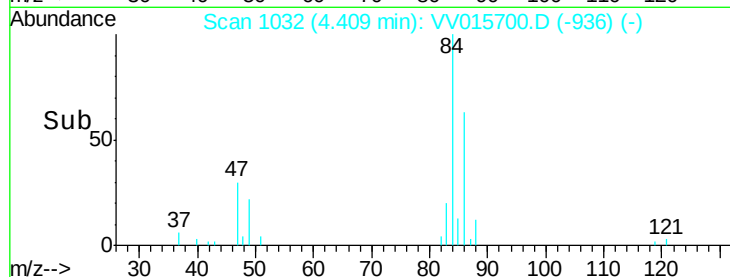
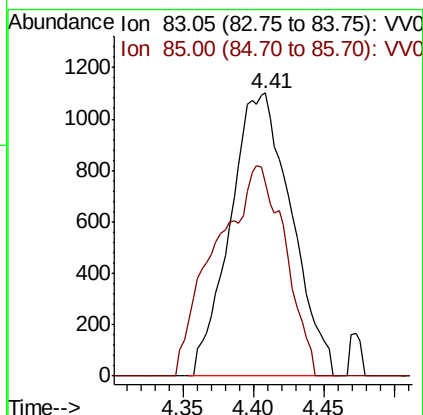
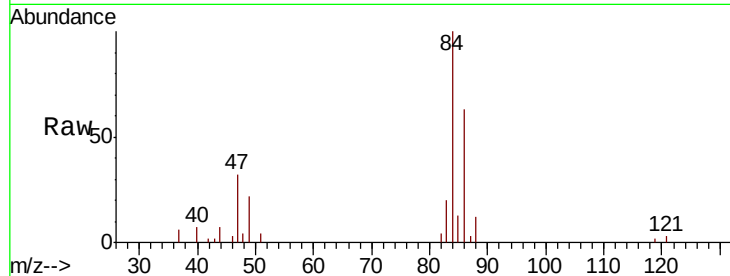




#25
Chloroform
Concen: 0.197 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015700.D
Acq: 25 Apr 2020 17:50

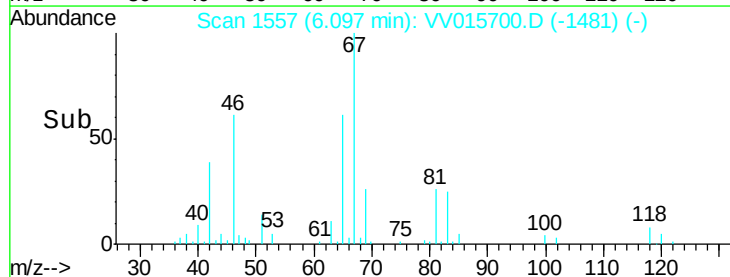
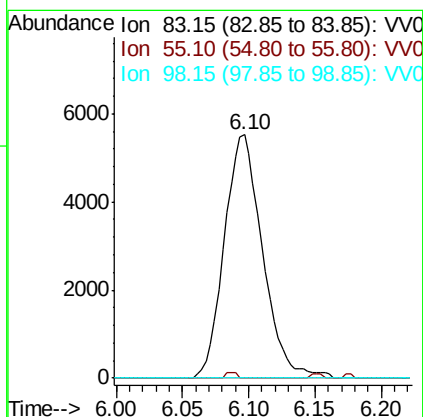
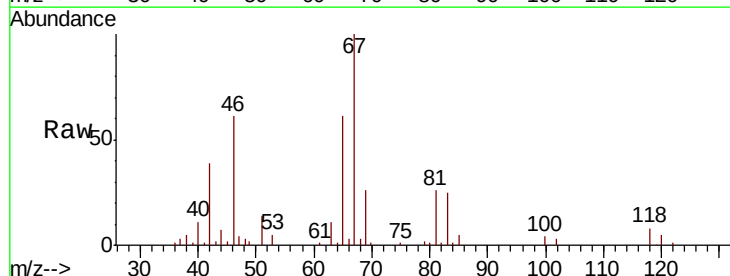
Instrument :
MSVOA_V
ClientSampleId :

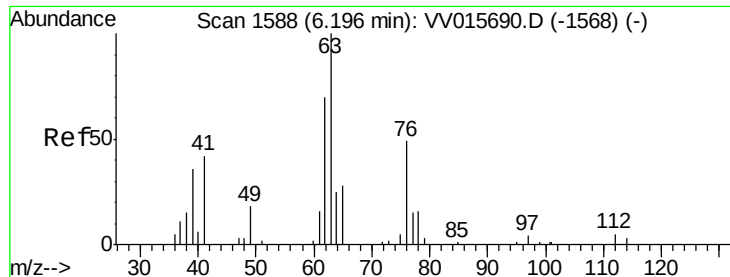
Tot Ion: 83 Resp: 3331
Ion Ratio Lower Upper
83 100
85 68.5 46.1 85.5



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015700.D
Acq: 25 Apr 2020 17:50

Tgt Ion: 83 Resp: 11085
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.8 39.5 59.3#

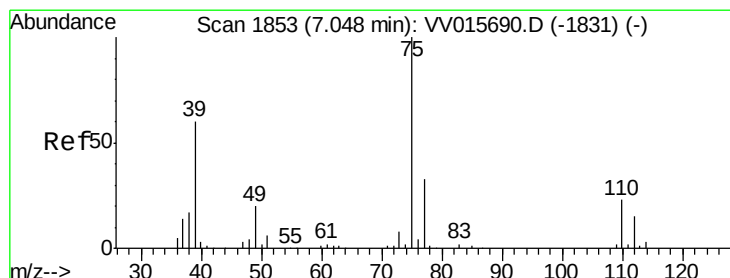
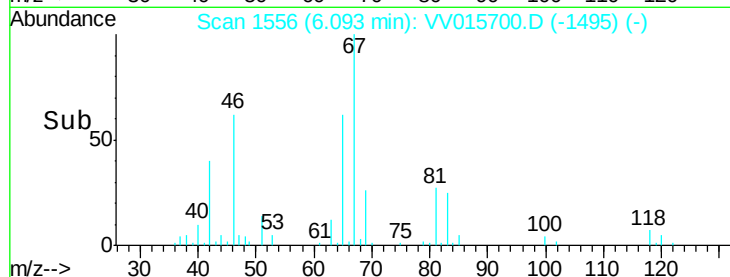
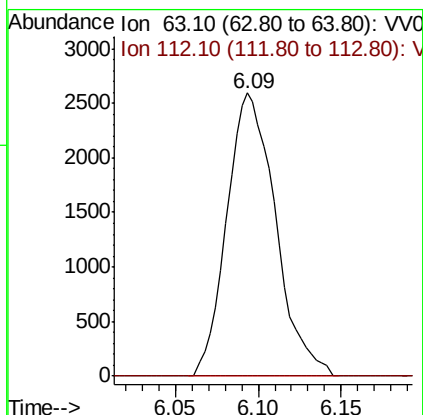
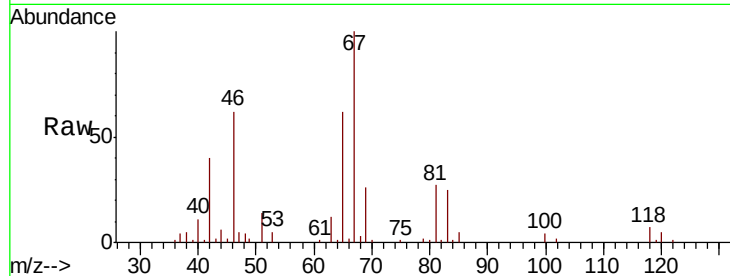




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015700.D
 Acq: 25 Apr 2020 17:50

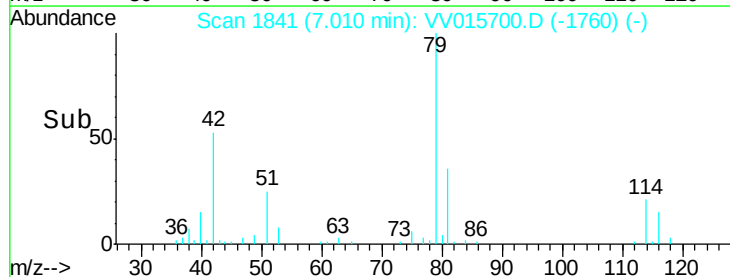
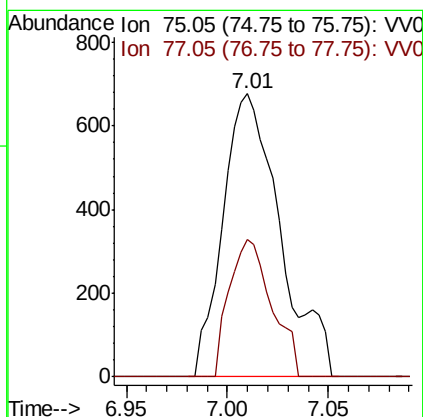
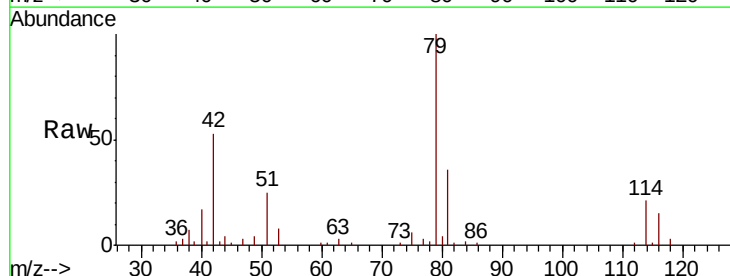
Instrument :
 MSVOA_V
 ClientSampled :

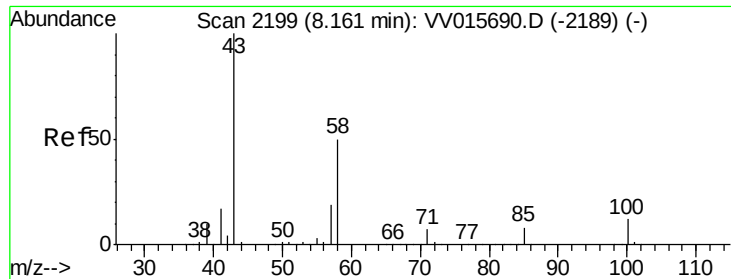
Tot Ion: 63 Resp: 5301
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015700.D
 Acq: 25 Apr 2020 17:50

Tgt Ion: 75 Resp: 1342
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.5#

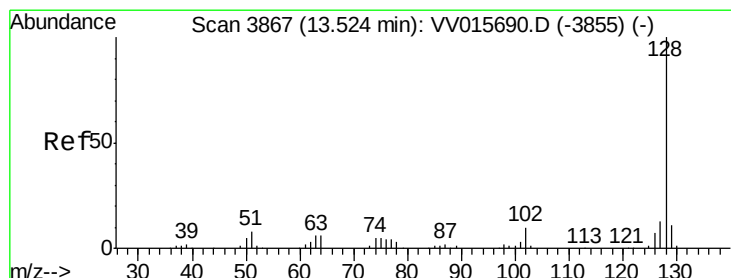
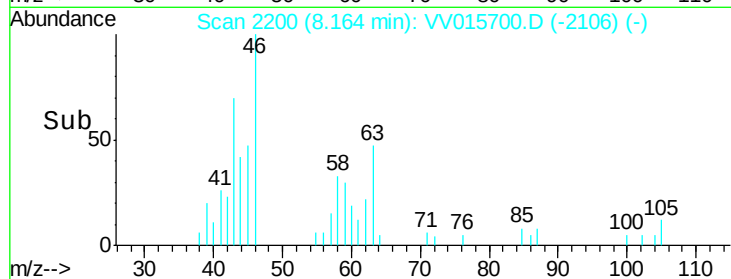
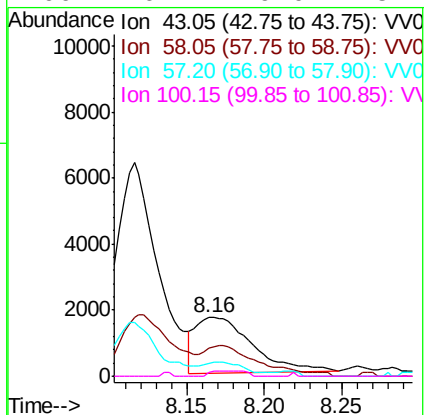
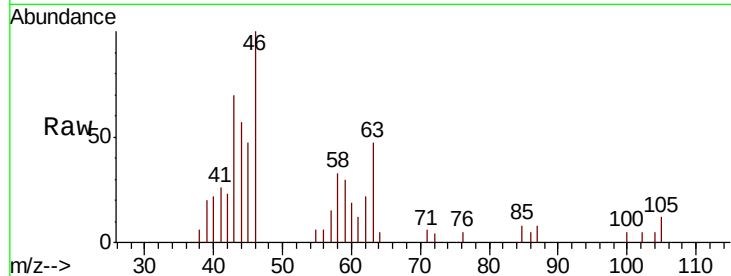




#48
2-Hexanone
Concen: 1.059 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015700.D
Acq: 25 Apr 2020 17:50

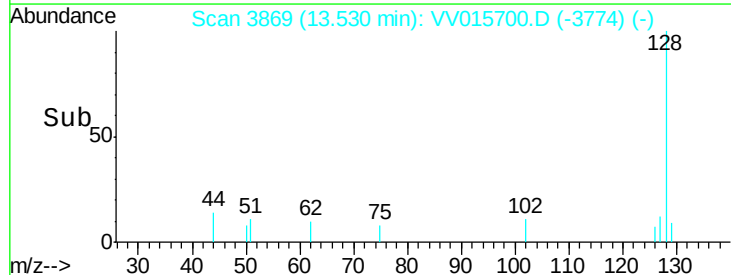
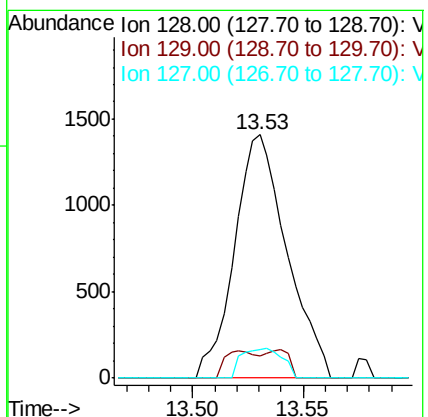
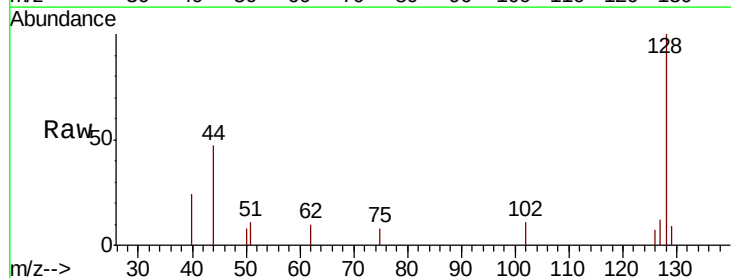
Instrument :
MSVOA_V
ClientSampled :

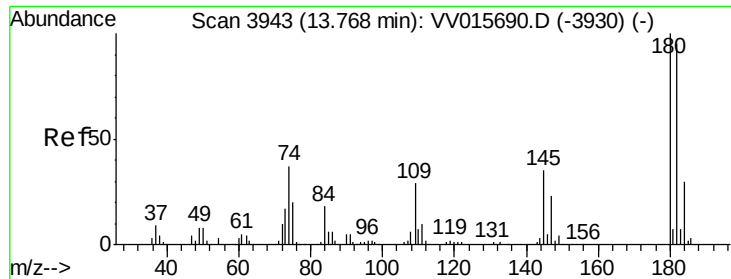
Tot Ion: 43 Resp: 4288
Ion Ratio Lower Upper
43 100
58 41.6 41.1 61.7
57 17.1 15.0 22.4
100 6.2 9.0 13.4#



#69
Naphthalene
Concen: 0.104 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.01 min
Lab File: VV015700.D
Acq: 25 Apr 2020 17:50

Tgt Ion: 128 Resp: 2318
Ion Ratio Lower Upper
128 100
129 5.1 8.4 12.6#
127 9.6 10.2 15.4#





#70

1,2,3-Trichlorobenzene

Concen: 0.088 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

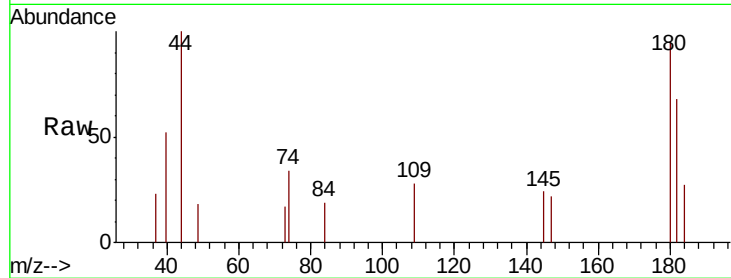
Lab File: VV015700.D

Acq: 25 Apr 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :



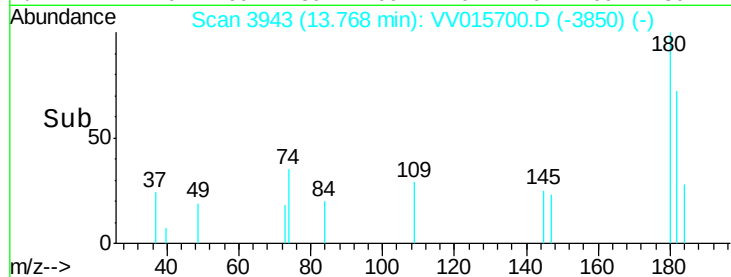
Tot Ion:180 Resp: 959

Ion Ratio Lower Upper

180 100

182 72.3 74.8 112.2#

145 20.2 28.4 42.6#



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

