

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015697.D
 Acq On : 25 Apr 2020 16:18
 Operator : SY/MD
 Sample : L2413-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:15:47 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	125060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26675	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	28859	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	45066	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.91	46	102031	48.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.38	84	70357	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	42069	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	135111	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	43937	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	121009	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.65	79	12680	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.11	63	73766	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31804	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47066	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

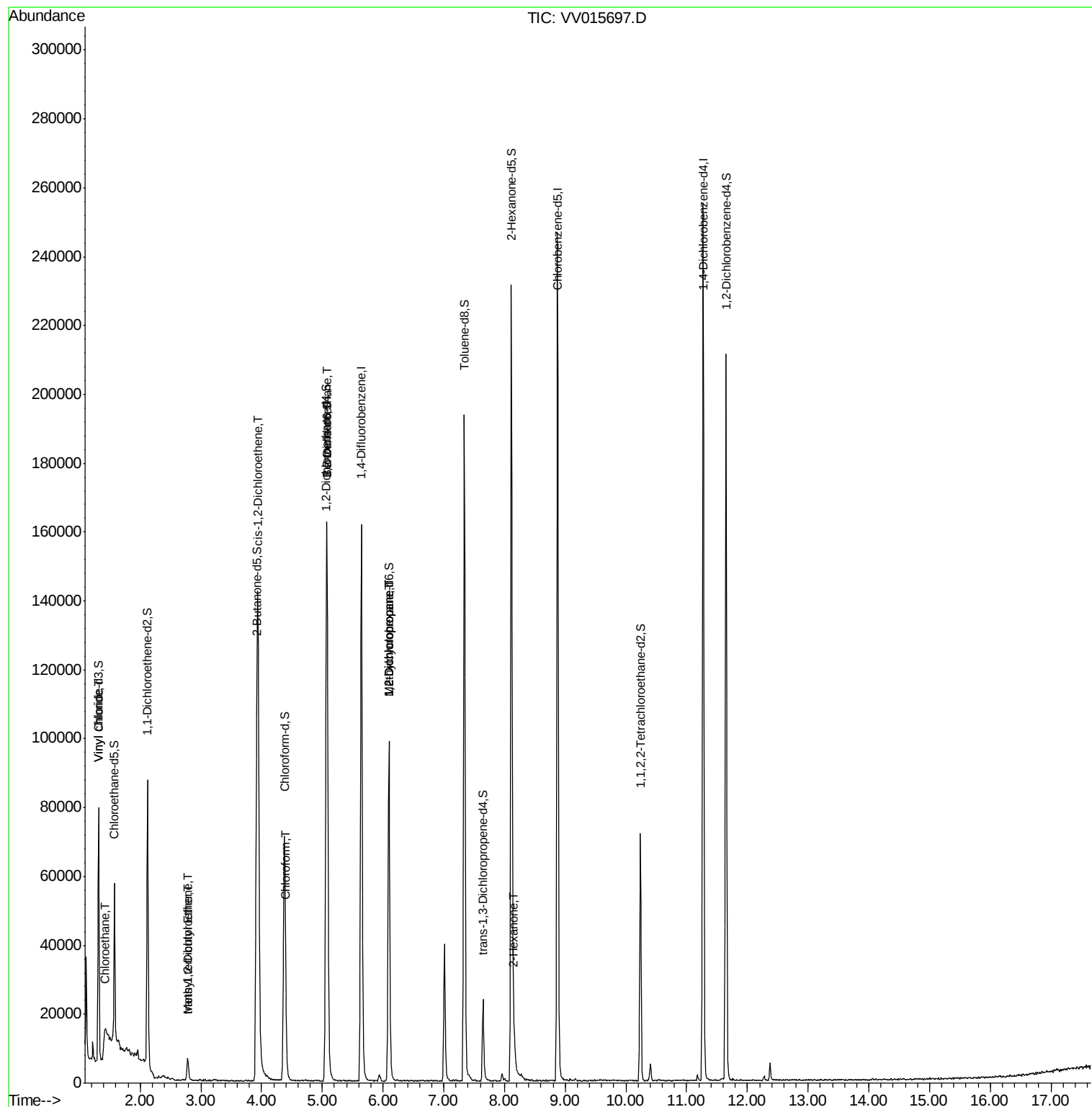
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	16976	1.715	ug/L	95
8) Chloroethane	1.43	64	16318	2.510	ug/L #	52
17) Methyl tert-butyl Ether	2.79	73	2141	0.105	ug/L #	86
18) trans-1,2-Dichloroethene	2.78	96	1573	0.193	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	59396	6.591	ug/L	96
25) Chloroform	4.41	83	2519	0.148	ug/L	97
27) 1,2-Dichloroethane	5.08	62	995	0.089	ug/L #	78
35) Methylcyclohexane	6.10	83	10943	0.737	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5606	0.629	ug/L #	86
48) 2-Hexanone	8.16	43	2197	0.533	ug/L #	57

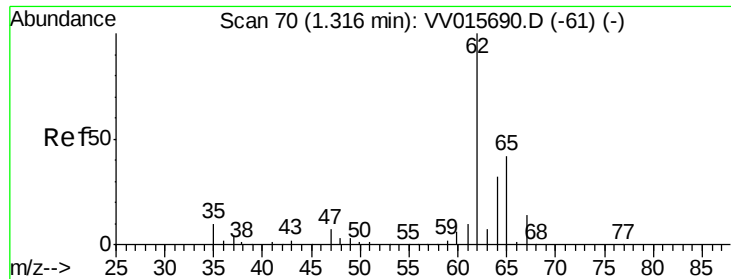
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.715 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015697.D

Acq: 25 Apr 2020 16:18

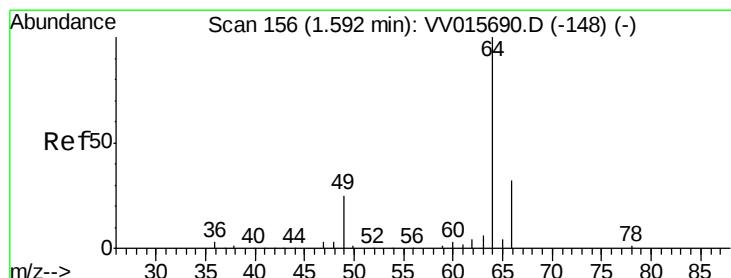
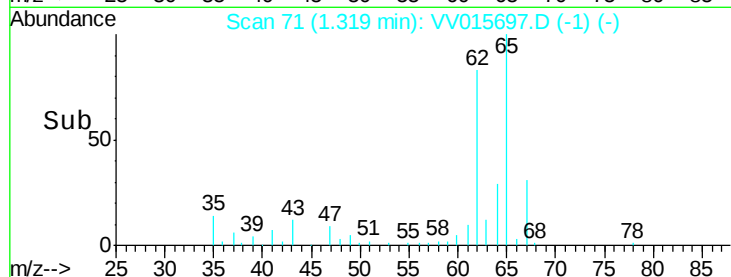
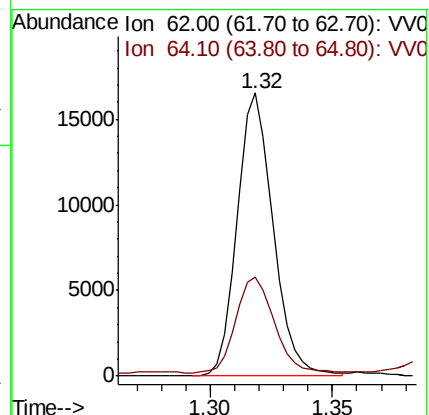
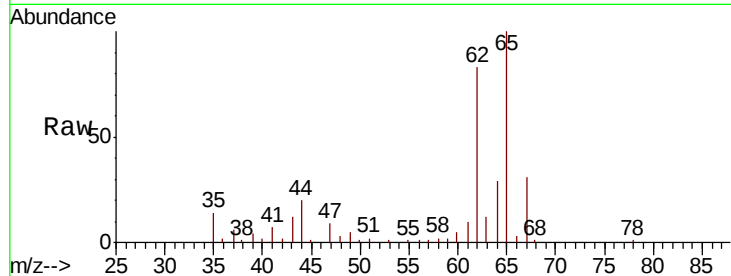
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 16976

Ion Ratio Lower Upper

62 100

64 35.0 22.7 42.1



#8

Chloroethane

Concen: 2.510 ug/L

RT: 1.43 min Scan# 106

Delta R.T. -0.16 min

Lab File: VV015697.D

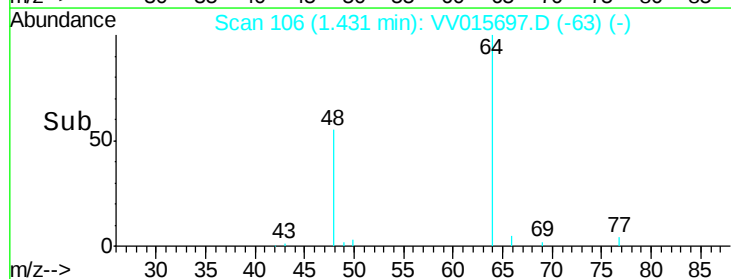
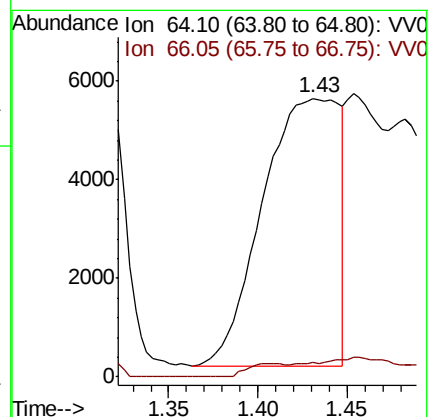
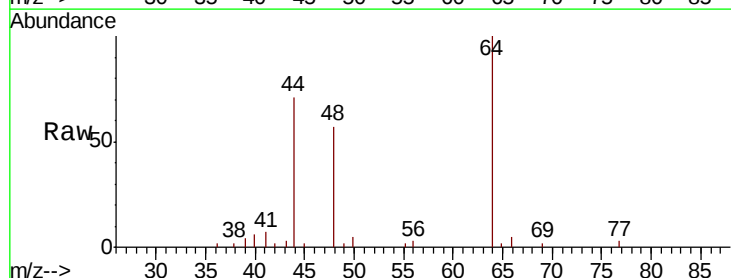
Acq: 25 Apr 2020 16:18

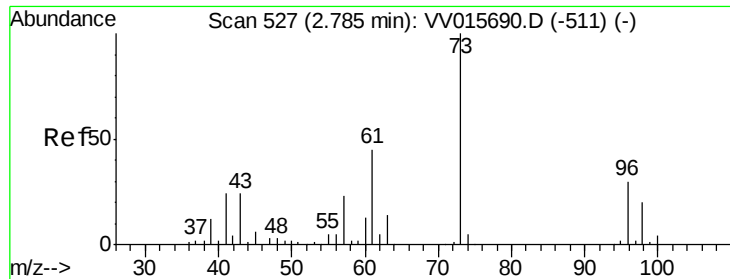
Tgt Ion: 64 Resp: 16318

Ion Ratio Lower Upper

64 100

66 5.0 22.3 41.5#



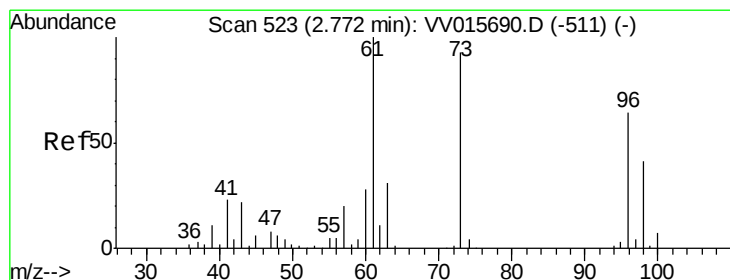
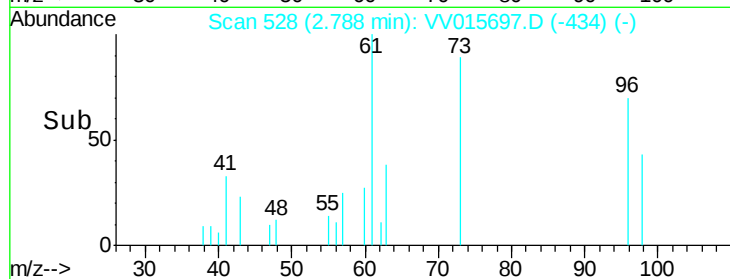
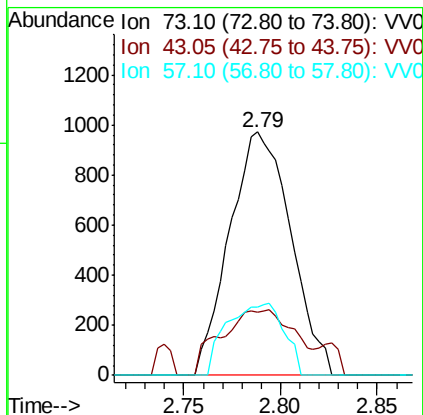
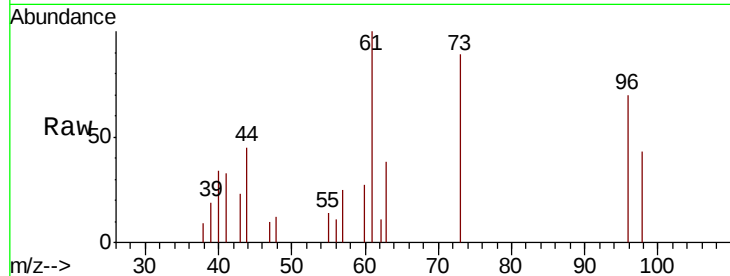


#17

Methvl tert-butvl Ether
 Concen: 0.105 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

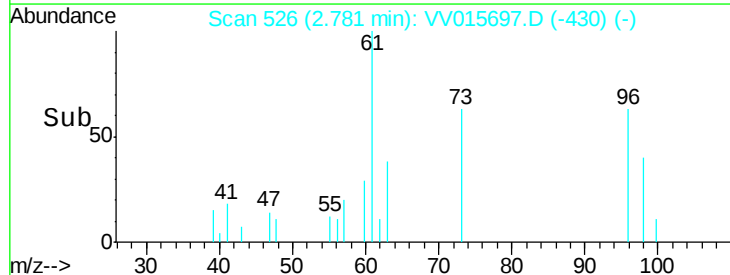
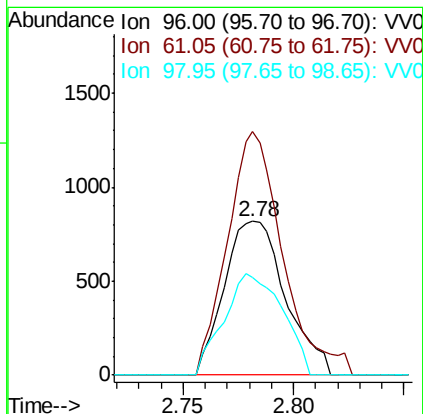
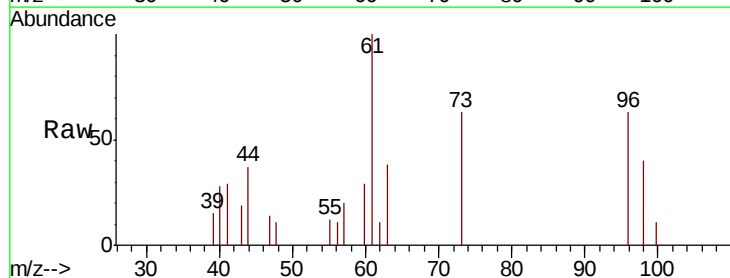
Tot Ion: 73 Resp: 2141
 Ion Ratio Lower Upper
 73 100
 43 17.0 20.1 30.1#
 57 27.5 17.8 26.8#

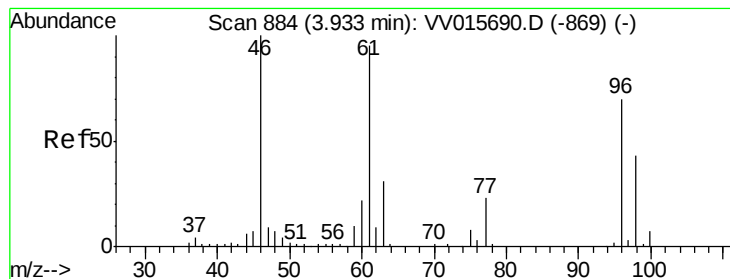


#18

trans-1,2-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.78 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Tgt Ion: 96 Resp: 1573
 Ion Ratio Lower Upper
 96 100
 61 158.6 105.5 195.9
 98 63.5 44.2 82.0



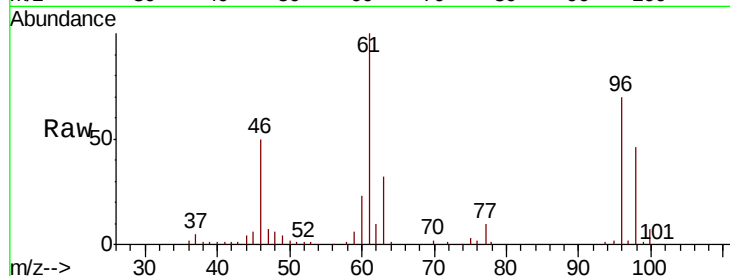


#22

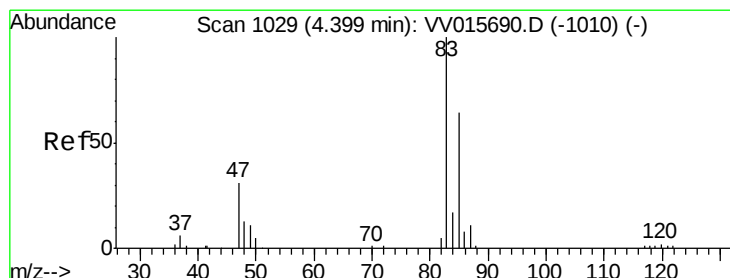
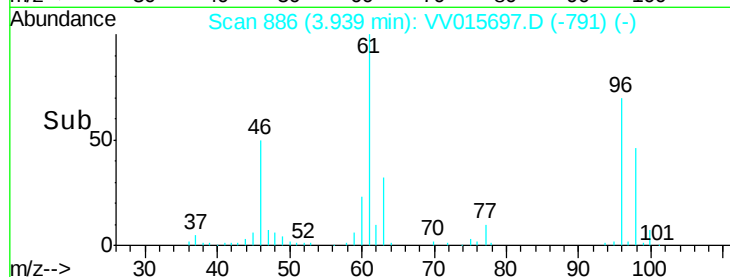
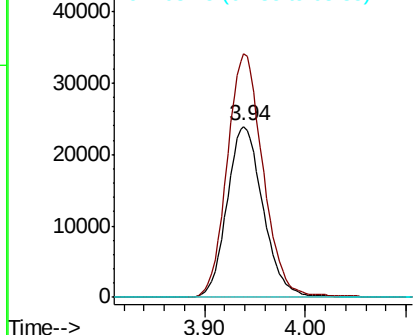
cis-1,2-Dichloroethene
 Concen: 6.591 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 59396
 Ion Ratio Lower Upper
 96 100
 61 142.3 96.4 179.0
 68 0.0 0.0 0.0



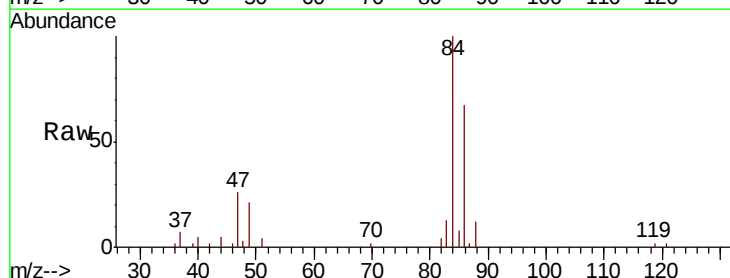
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



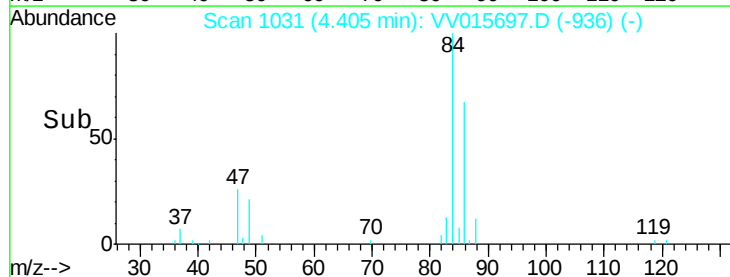
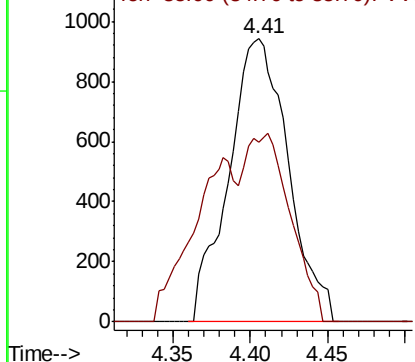
#25

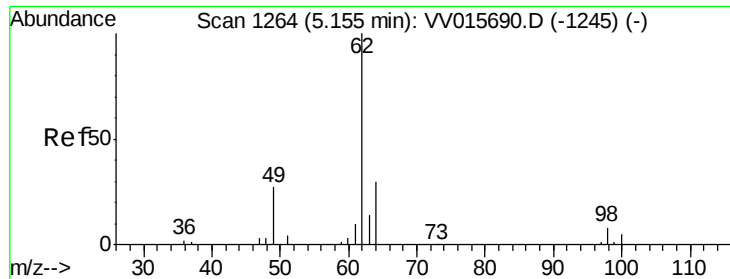
Chloroform
 Concen: 0.148 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Tgt Ion: 83 Resp: 2519
 Ion Ratio Lower Upper
 83 100
 85 63.6 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

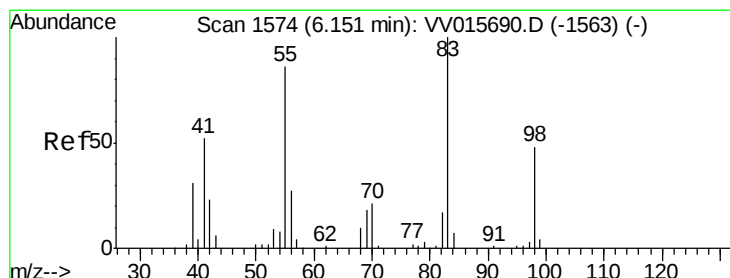
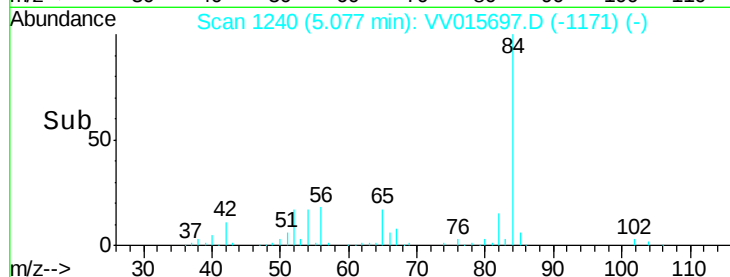
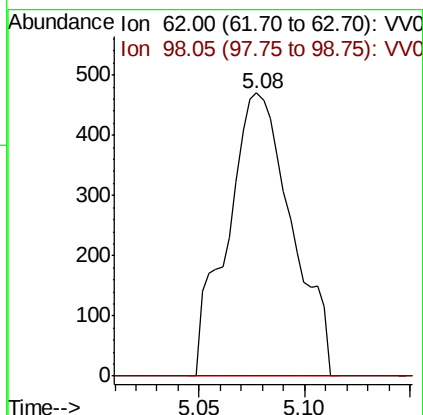
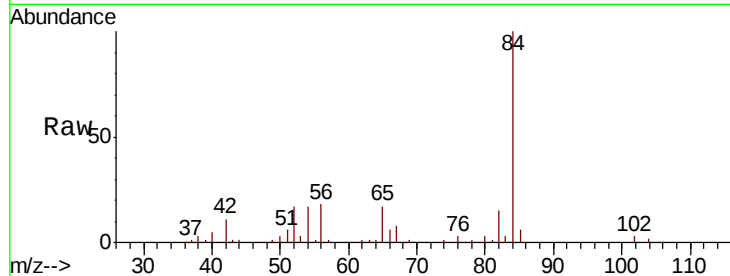




#27
 1,2-Dichloroethane
 Concen: 0.089 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

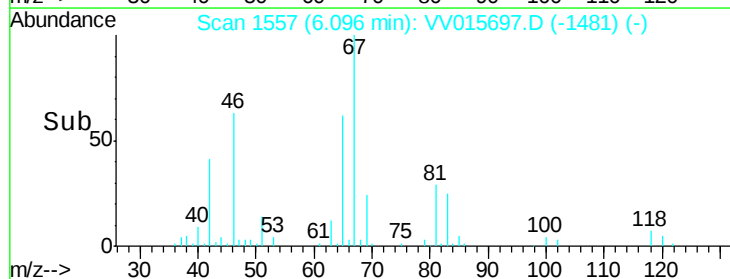
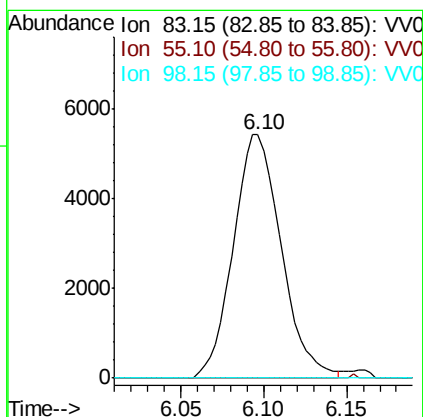
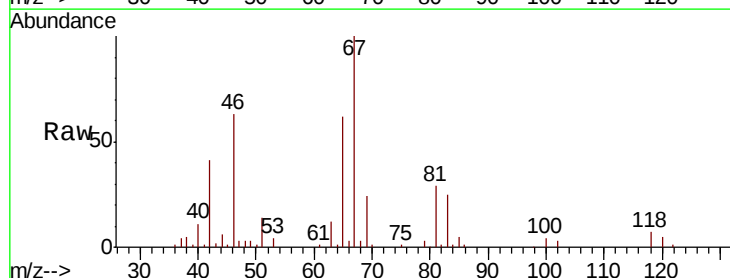
Instrument :
 MSVOA_V
 ClientSampleId :

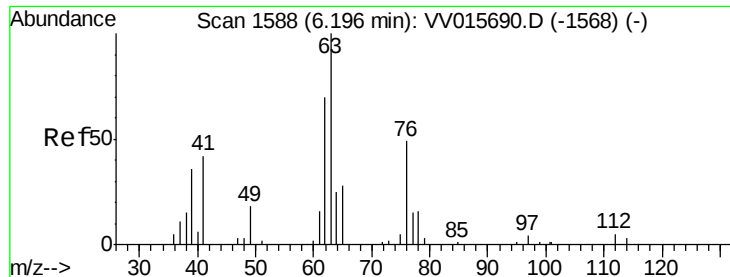
Tot Ion: 62 Resp: 995
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.737 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Tgt Ion: 83 Resp: 10943
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.6 99.8#
 98 1.5 39.5 59.3#

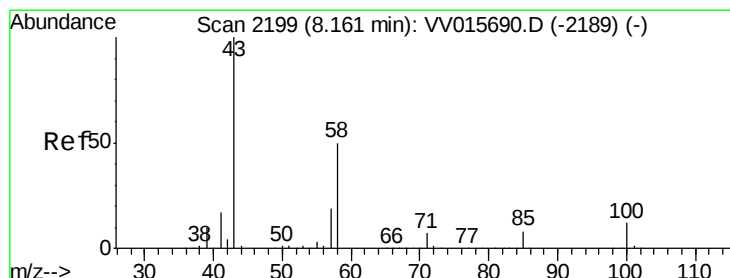
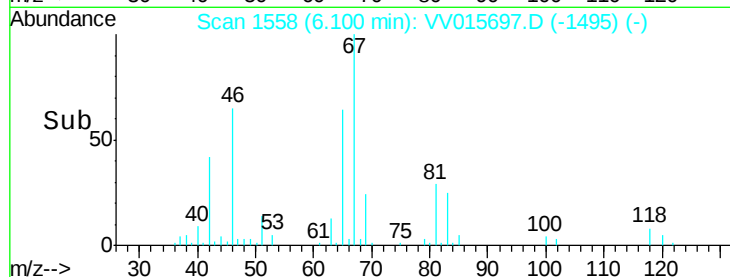
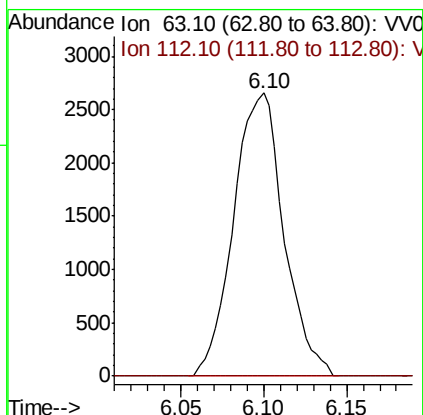
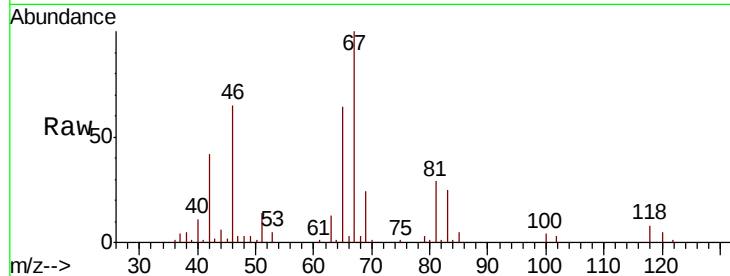




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5606
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 0.533 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VV015697.D
 Acq: 25 Apr 2020 16:18

Tgt Ion: 43 Resp: 2197
 Ion Ratio Lower Upper
 43 100
 58 19.2 41.1 61.7#
 57 0.0 15.0 22.4#
 100 0.0 9.0 13.4#

