

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015687.D
 Acq On : 24 Apr 2020 20:24
 Operator : SY/MD
 Sample : L2388-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 00:23:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27527	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	29325	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.12	63	44799	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.91	46	104942	48.07	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.38	84	74047	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	41576	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.08	84	134839	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	44016	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	122743	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.65	79	12450	3.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.00%
46) 2-Hexanone-d5	8.11	63	81820	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32121	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	48461	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

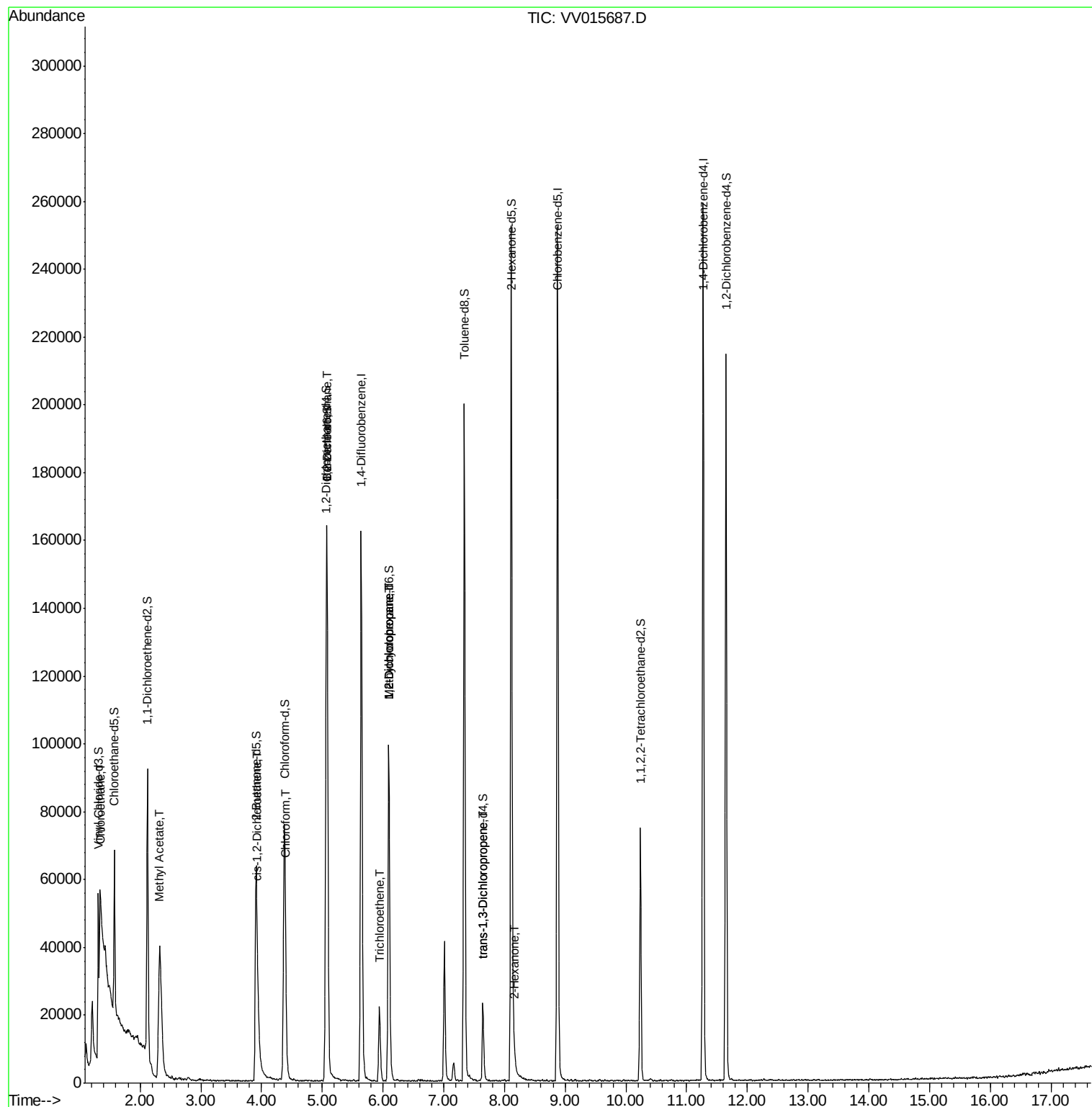
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.34	64	147151	21.762	ug/L #	52
15) Methyl Acetate	2.32	43	21033	5.835	ug/L #	56
22) cis-1,2-Dichloroethene	3.94	96	1372	0.146	ug/L	84
25) Chloroform	4.40	83	6954	0.393	ug/L	88
27) 1,2-Dichloroethane	5.08	62	928	0.080	ug/L #	78
34) Trichloroethene	5.94	95	7232	0.738	ug/L	89
35) Methylcyclohexane	6.09	83	11089	0.737	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	5513	0.611	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	683	0.065	ug/L #	80
48) 2-Hexanone	8.17	43	1841	0.441	ug/L #	81

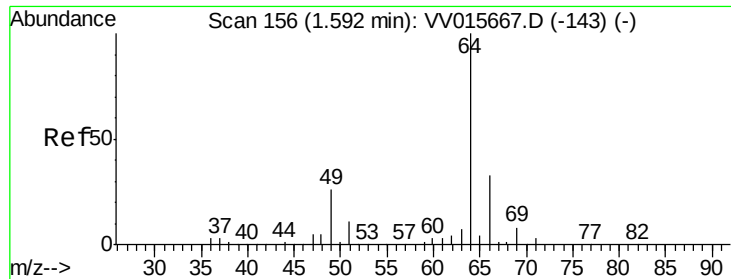
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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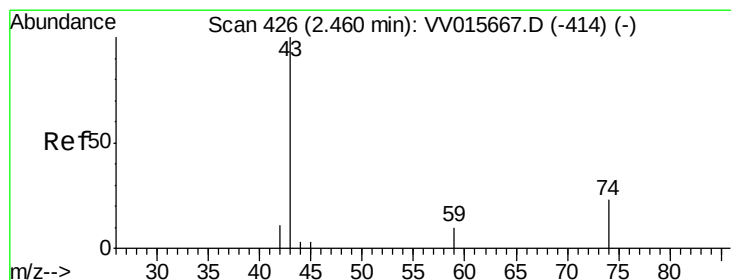
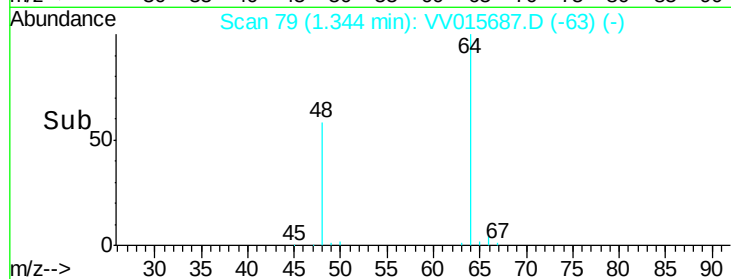
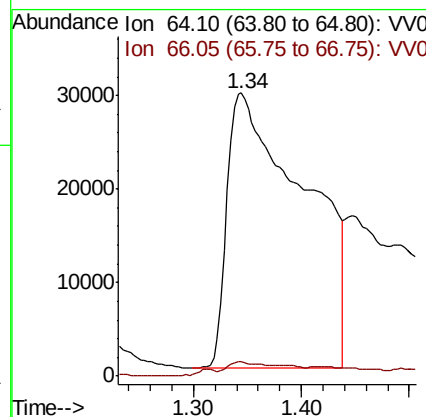
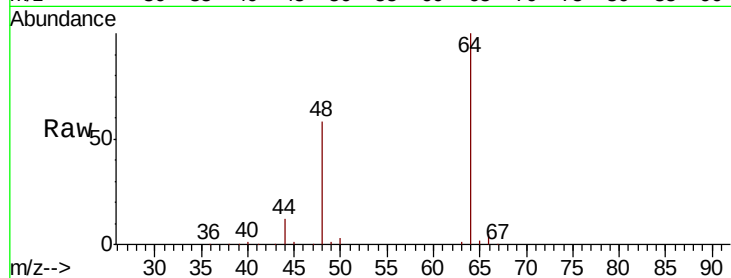




#8
 Chloroethane
 Concen: 21.762 ug/L
 RT: 1.34 min Scan# 79
 Delta R.T. -0.25 min
 Lab File: VV015687.D
 Acq: 24 Apr 2020 20:24

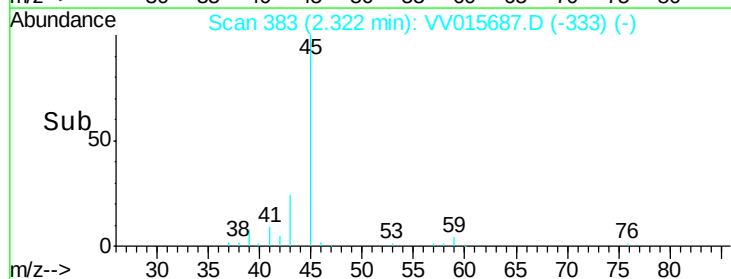
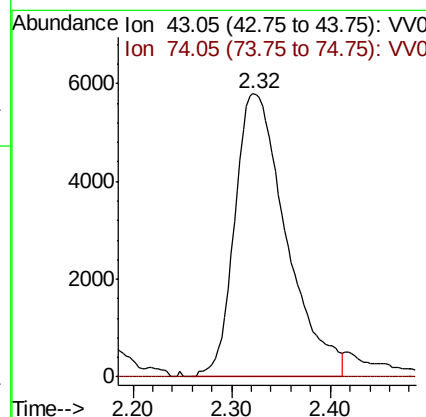
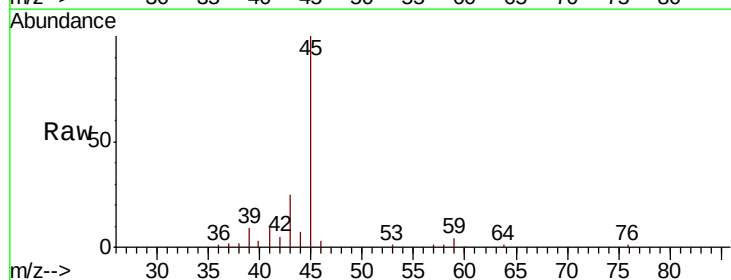
Instrument :
 MSVOA_V
 ClientSampleId :

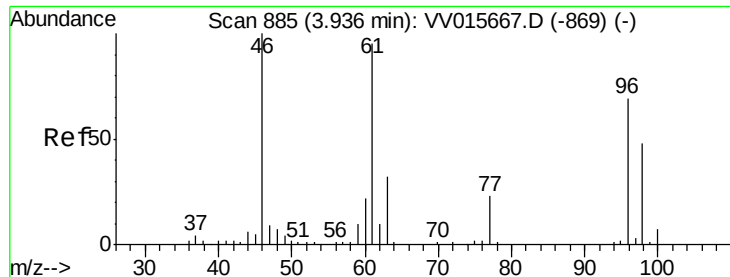
Tot Ion: 64 Resp: 147151
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.3 41.5#



#15
 Methyl Acetate
 Concen: 5.835 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.14 min
 Lab File: VV015687.D
 Acq: 24 Apr 2020 20:24

Tgt Ion: 43 Resp: 21033
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.3 24.5#





#22

cis-1,2-Dichloroethene

Concen: 0.146 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015687.D

Acq: 24 Apr 2020 20:24

Instrument :
MSVOA_V
ClientSampled :

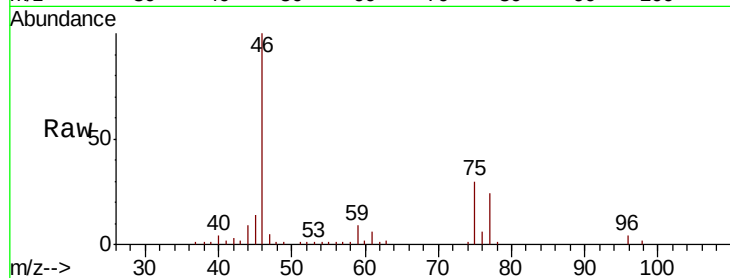
Tot Ion: 96 Resp: 1372

Ion Ratio Lower Upper

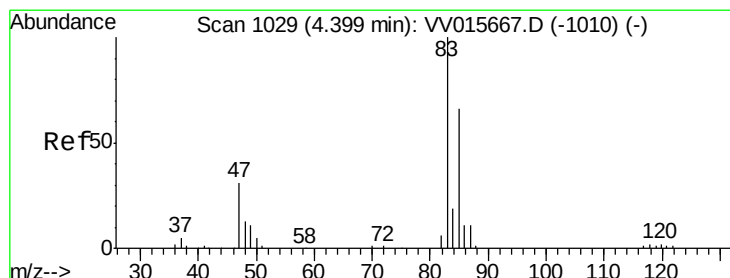
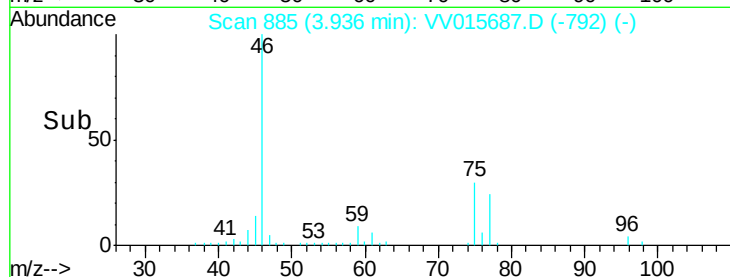
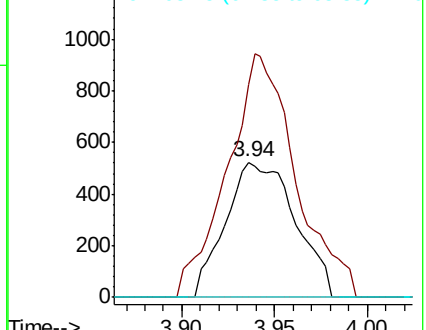
96 100

61 157.4 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: 0.393 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015687.D

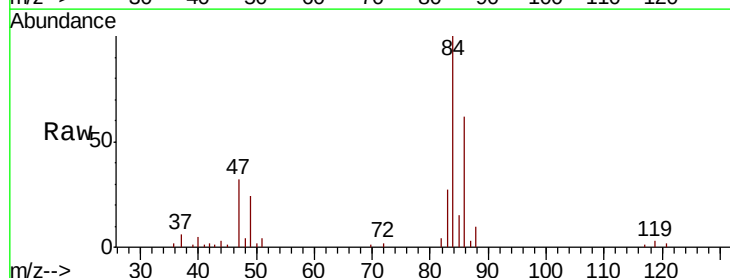
Acq: 24 Apr 2020 20:24

Tgt Ion: 83 Resp: 6954

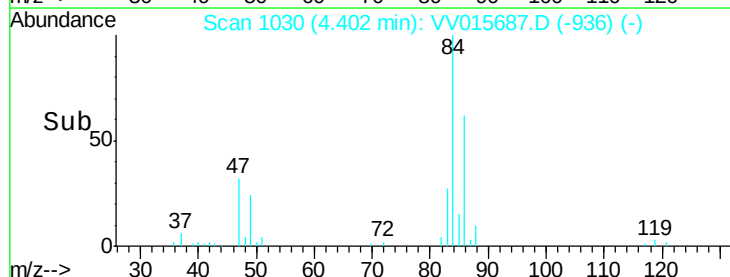
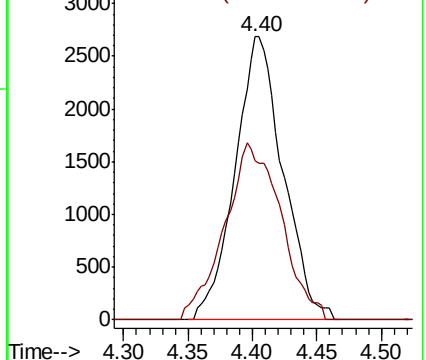
Ion Ratio Lower Upper

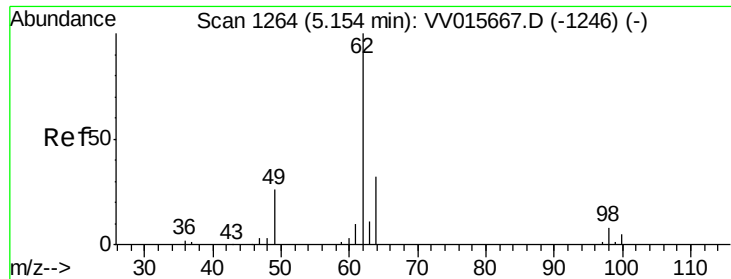
83 100

85 56.1 46.1 85.5



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

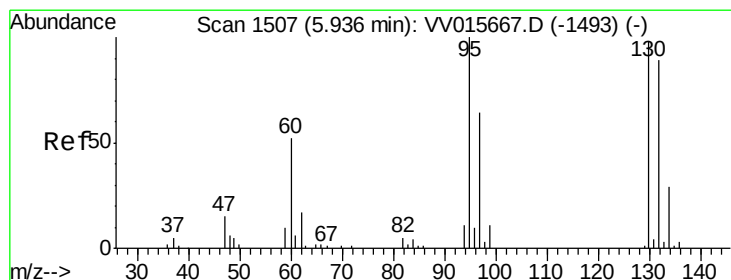
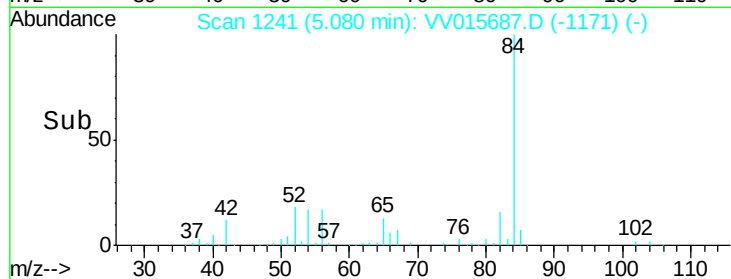
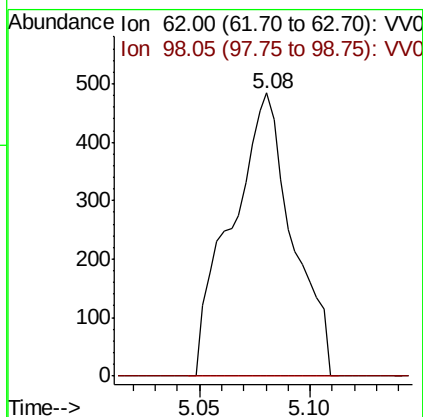
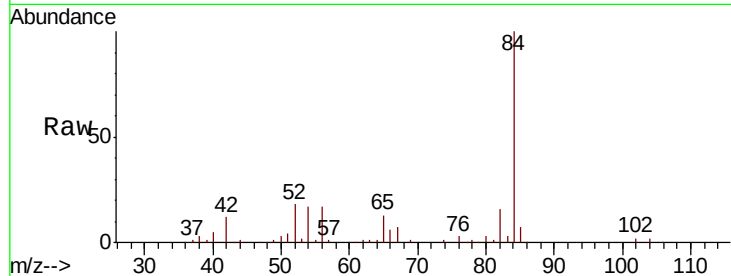




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV015687.D
 Acq: 24 Apr 2020 20:24

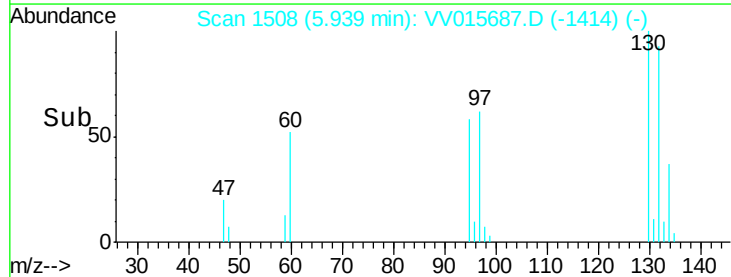
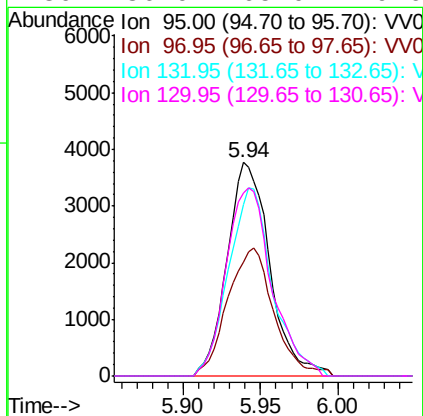
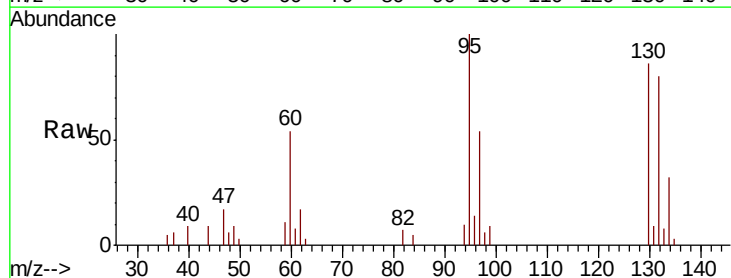
Instrument :
 MSVOA_V
 ClientSampled :

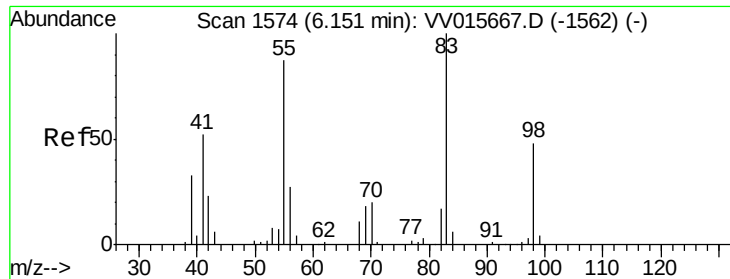
Tot Ion: 62 Resp: 928
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#34
 Trichloroethene
 Concen: 0.738 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015687.D
 Acq: 24 Apr 2020 20:24

Tgt Ion: 95 Resp: 7232
 Ion Ratio Lower Upper
 95 100
 97 53.5 44.7 82.9
 132 80.2 65.2 121.0
 130 86.0 65.0 120.6

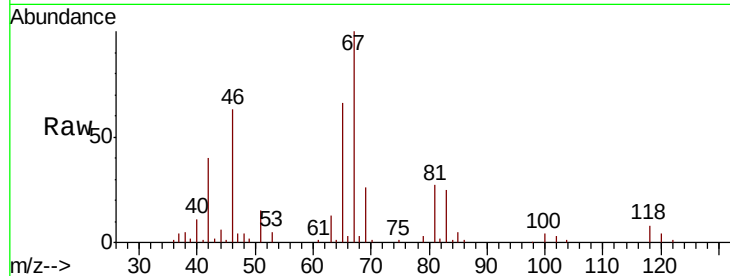




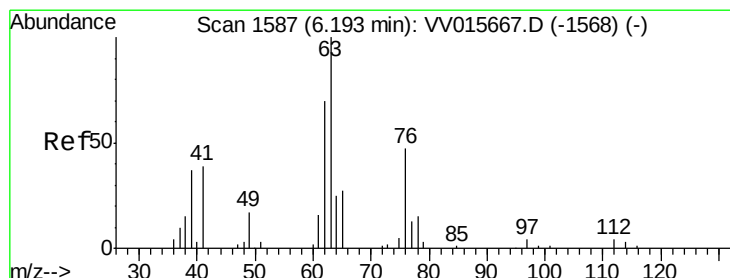
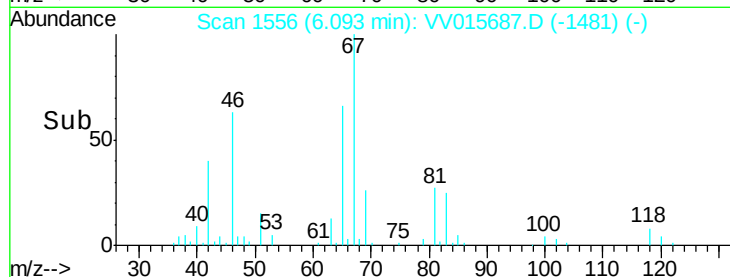
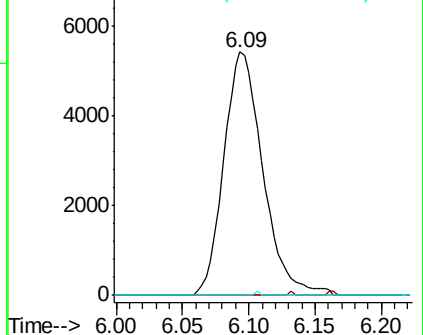
#35
Methylvlcyclohexane
Concen: 0.737 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015687.D
Acq: 24 Apr 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11089
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.2 39.5 59.3#

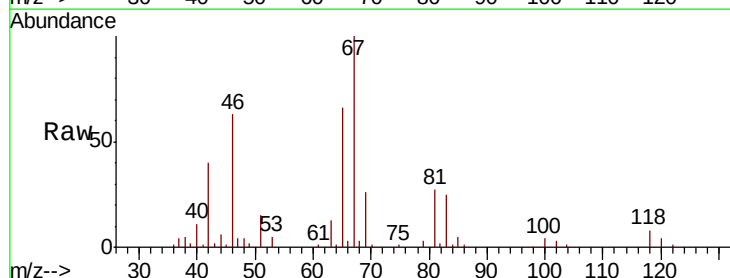


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

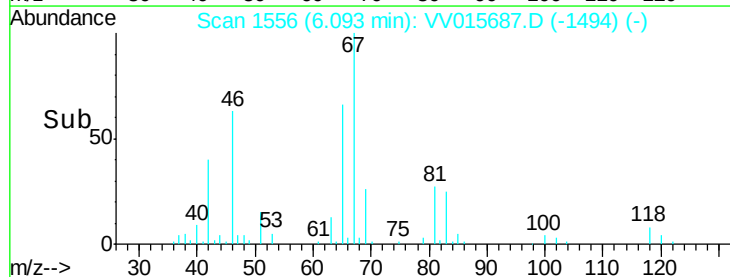
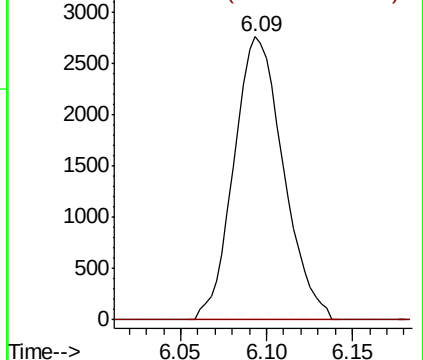


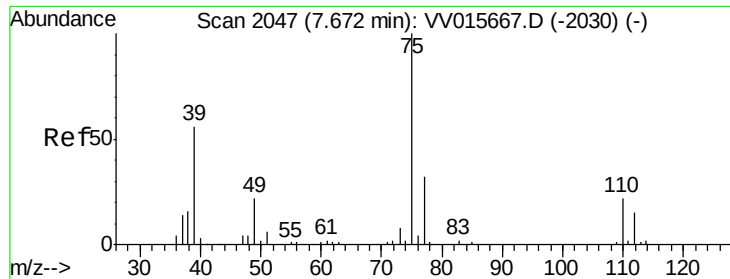
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015687.D
Acq: 24 Apr 2020 20:24

Tgt Ion: 63 Resp: 5513
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

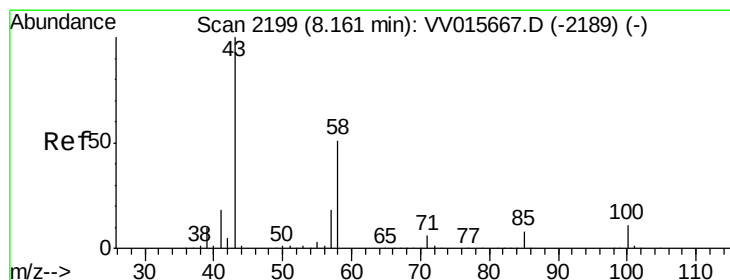
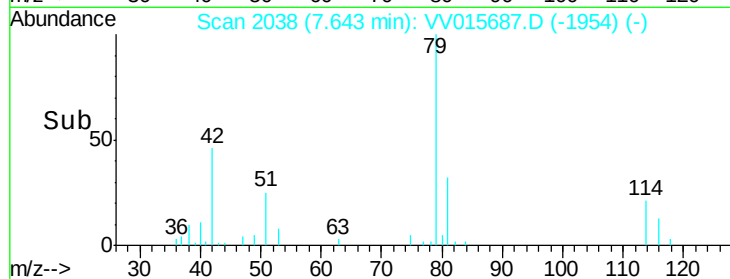
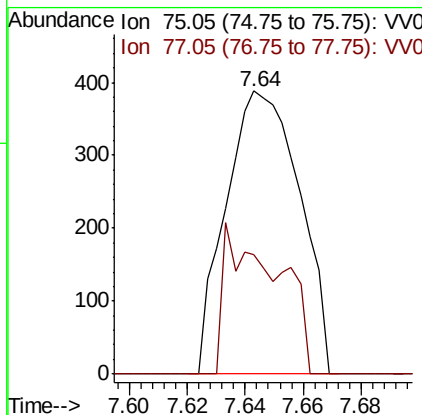
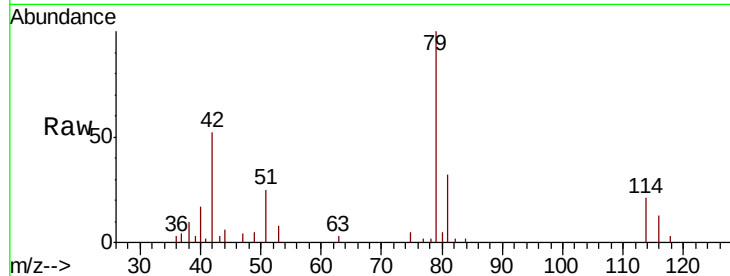




#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015687.D
Acq: 24 Apr 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 683
Ion Ratio Lower Upper
75 100
77 42.3 21.8 40.6#



#48
2-Hexanone
Concen: 0.441 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015687.D
Acq: 24 Apr 2020 20:24

Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 44.3 41.1 61.7
57 0.0 15.0 22.4#
100 2.4 9.0 13.4#

