

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015562.D
 Acq On : 17 Apr 2020 17:59
 Operator : SY/MD
 Sample : L2333-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97104	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	44641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	22971	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	22501	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.12	63	34643	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.91	46	70603	49.91	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.38	84	52411	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	29102	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	99121	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	31777	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	88656	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.65	79	6794	2.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.60%#
46) 2-Hexanone-d5	8.11	63	57437	43.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22268	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	34061	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

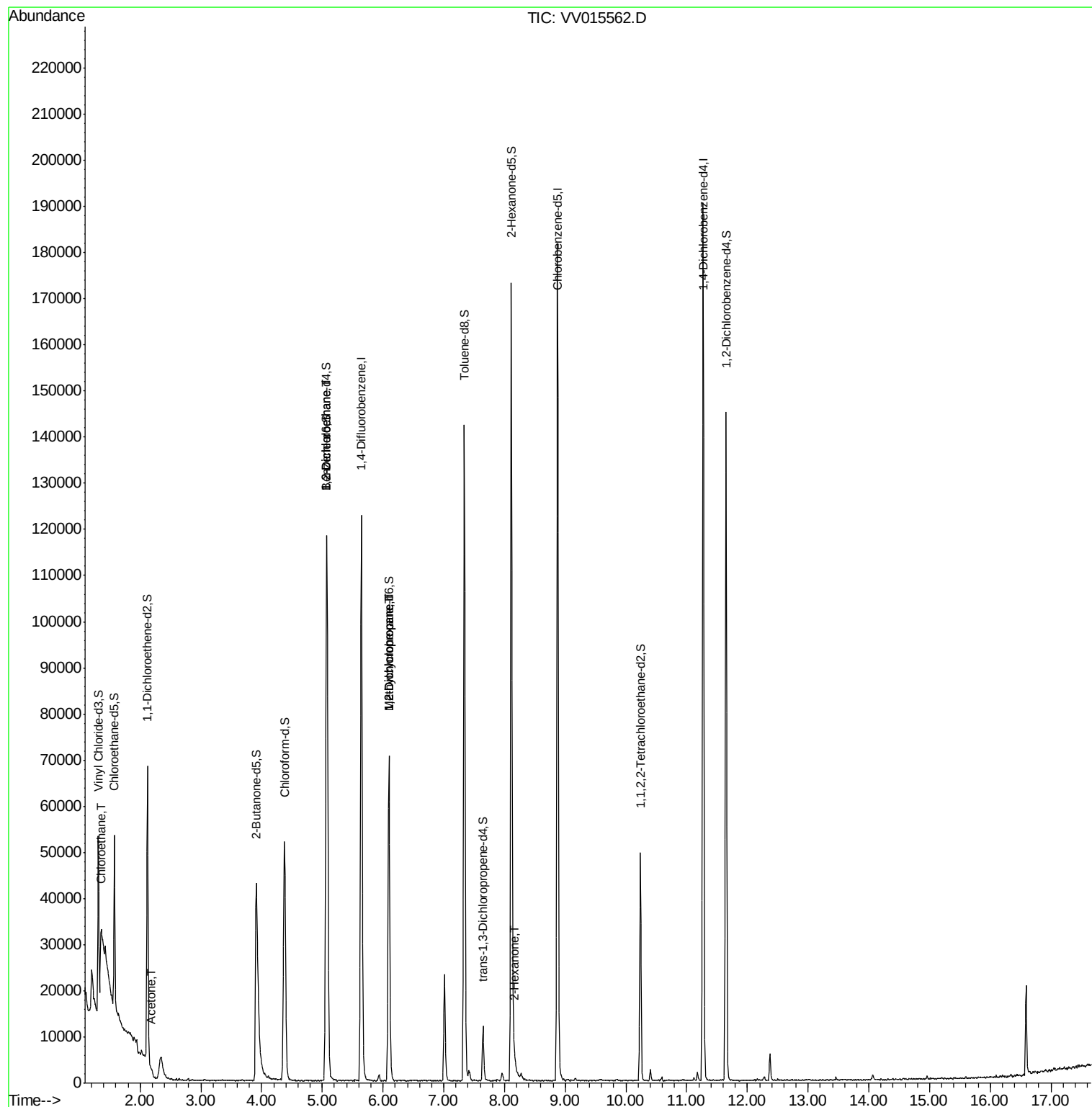
					Ovalue
8) Chloroethane	1.36	64	46630	9.123	ug/L # 52
13) Acetone	2.19	43	1490	1.491	ug/L # 49
27) 1,2-Dichloroethane	5.08	62	642	0.075	ug/L # 77
35) Methylcyclohexane	6.10	83	8146	0.658	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	4028	0.595	ug/L # 86
48) 2-Hexanone	8.17	43	1768	0.569	ug/L # 76

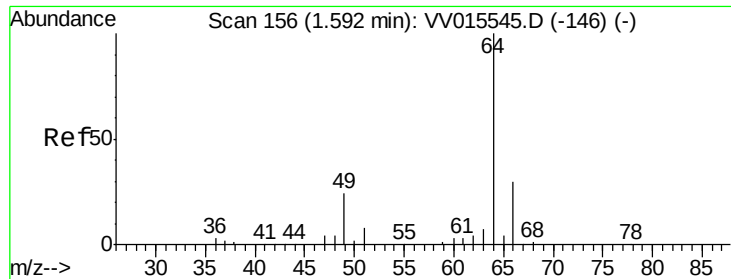
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 9.123 ug/L

RT: 1.36 min Scan# 84

Delta R.T. -0.23 min

Lab File: VV015562.D

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Instrument :

MSVOA_V

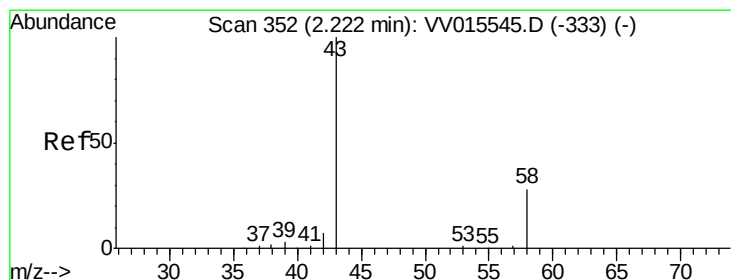
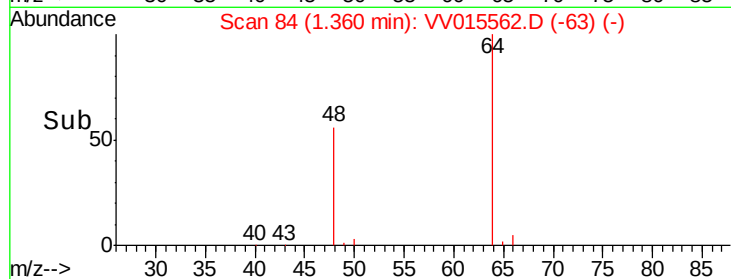
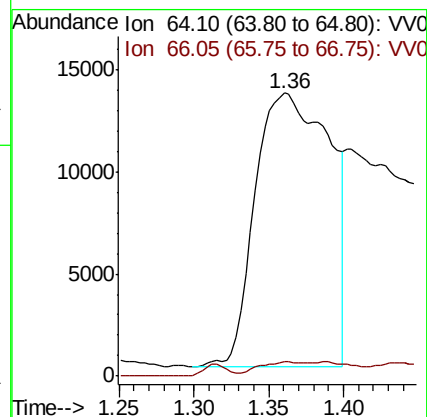
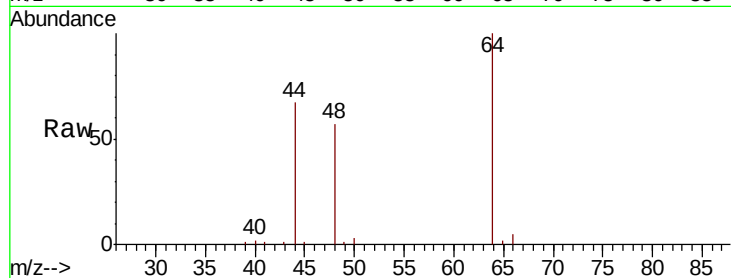
ClientSampleId :

Tot Ion: 64 Resp: 46630

Ion Ratio Lower Upper

64 100

66 5.0 22.3 41.5#



#13

Acetone

Concen: 1.491 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV015562.D

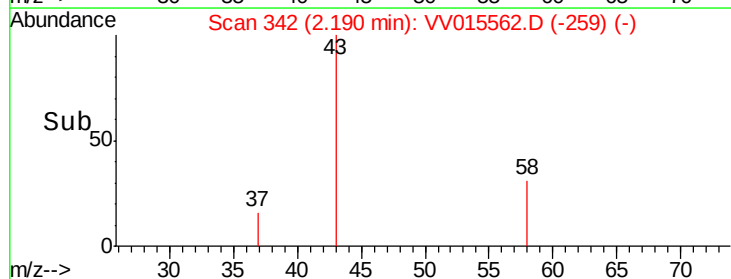
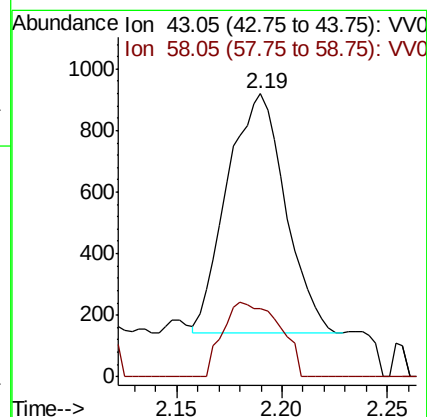
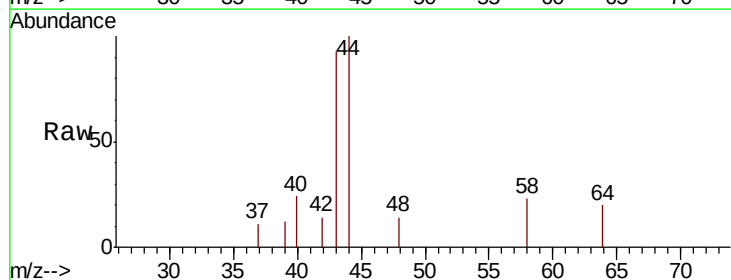
Acq: 17 Apr 2020 17:59

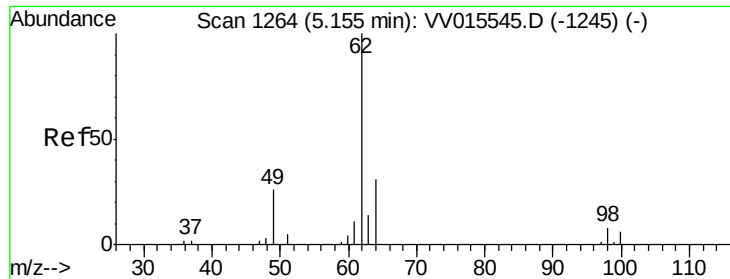
Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

58 30.3 0.0 22.2#

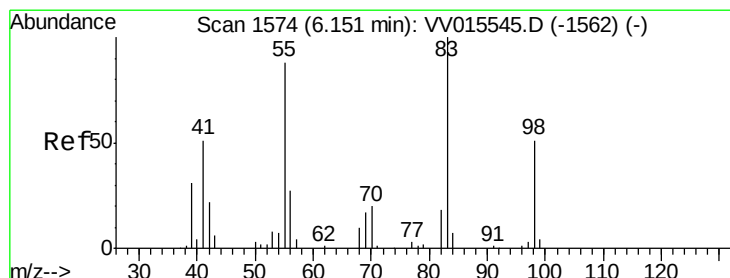
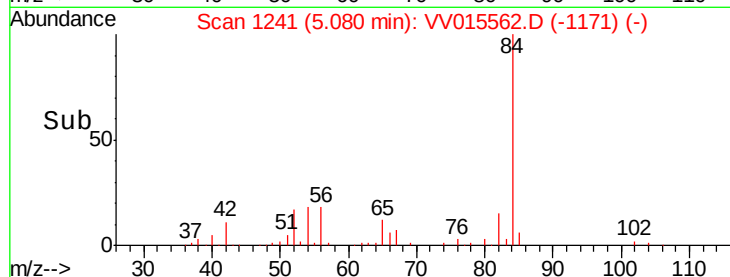
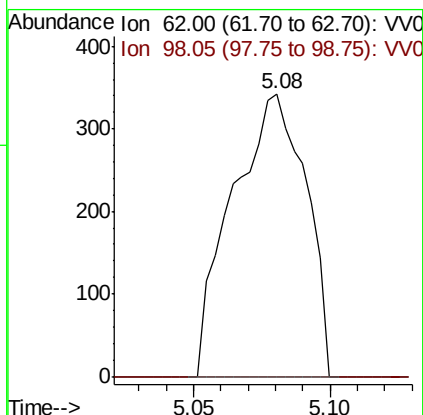
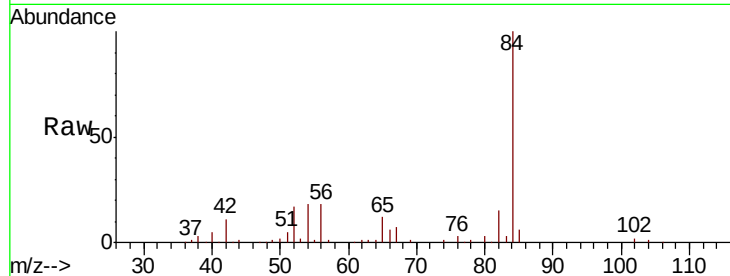




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
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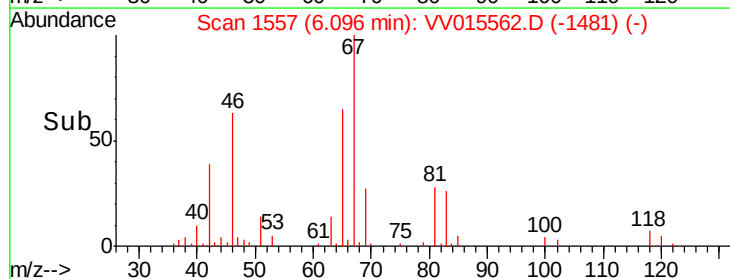
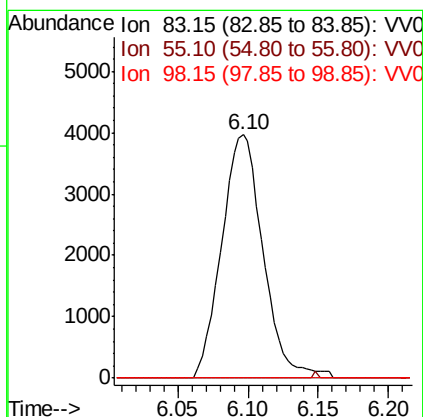
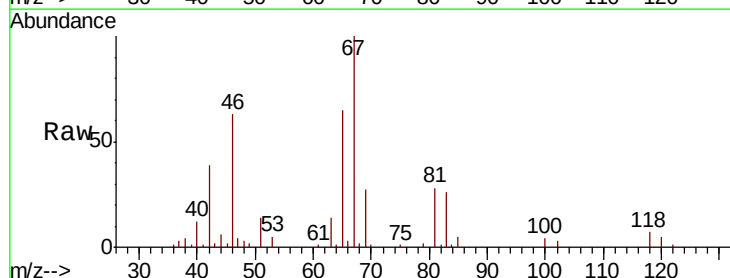
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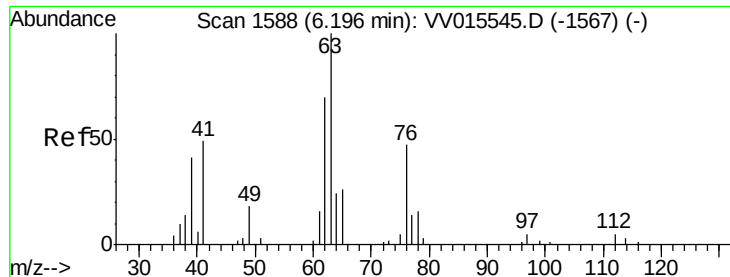
Tot Ion: 62 Resp: 642
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.658 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015562.D
 Acq: 17 Apr 2020 17:59

Tgt Ion: 83 Resp: 8146
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.6 99.8#
 98 2.6 38.7 58.1#

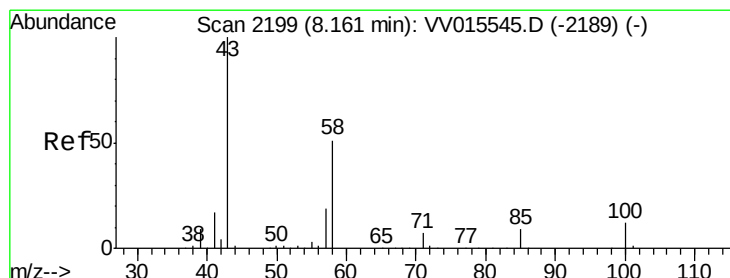
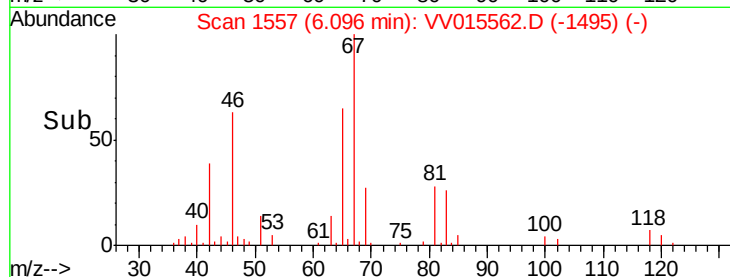
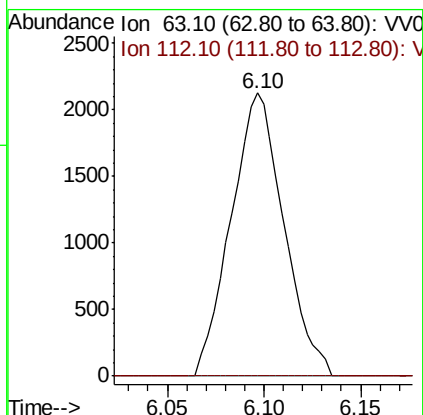
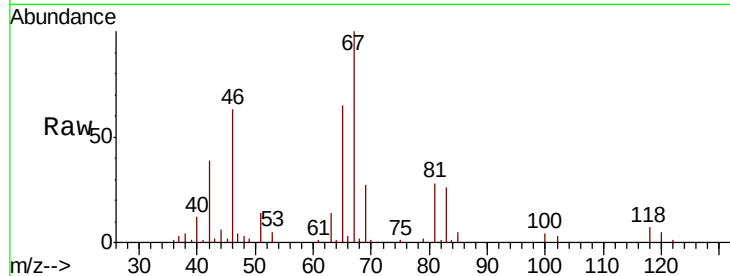




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015562.D
 Acq: 17 Apr 2020 17:59

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 4028
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 0.569 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015562.D
 Acq: 17 Apr 2020 17:59

Tgt Ion: 43 Resp: 1768
 Ion Ratio Lower Upper
 43 100
 58 35.7 41.4 62.0#
 57 9.1 15.0 22.4#
 100 0.0 9.4 14.2#

