

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017846.D
 Acq On : 10 Aug 2020 13:34
 Operator : JC/SP
 Sample : L3600-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY85

Quant Time: Aug 11 07:14:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	318874	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	309763	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	144414	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	87191	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.70	69	81089	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.34	63	127425	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.54	46	281143	48.04	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	5.14	84	191274	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	6.03	65	116436	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	6.05	84	347797	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	7.37	67	125350	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	8.70	98	293880	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
45) trans-1,3-Dichloropropene-	8.99	79	49594	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	9.43	63	234654	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	95913	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	145567	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

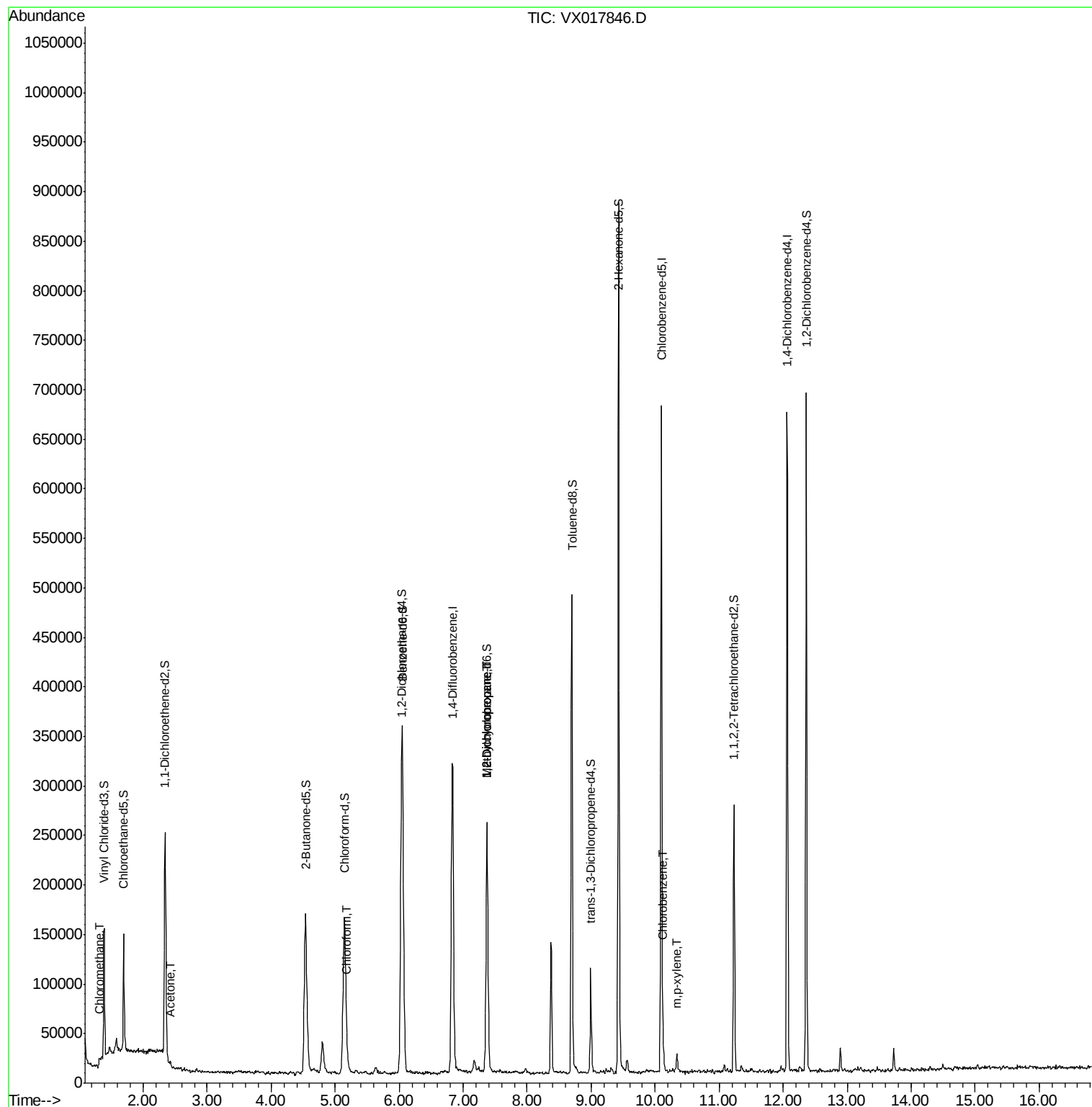
					Ovalue
3) Chloromethane	1.31	50	2667	0.088 ug/L	96
13) Acetone	2.42	43	5425	1.269 ug/L	94
25) Chloroform	5.18	83	22766	0.427 ug/L	97
35) Methylcyclohexane	7.37	83	32072	0.713 ug/L #	18
37) 1,2-Dichloropropane	7.37	63	14923	0.541 ug/L #	91
53) Chlorobenzene	10.12	112	13061	0.169 ug/L	96
55) m,p-xylene	10.34	106	4556	0.092 ug/L	95

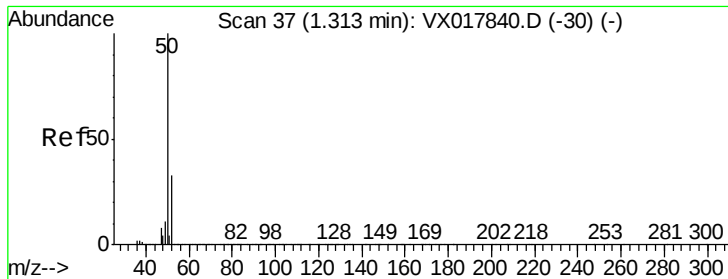
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017846.D

Acq: 10 Aug 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

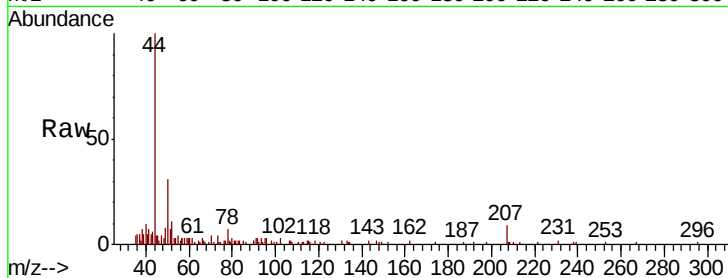
GAY85

Tot Ion: 50 Resp: 2667

Ion Ratio Lower Upper

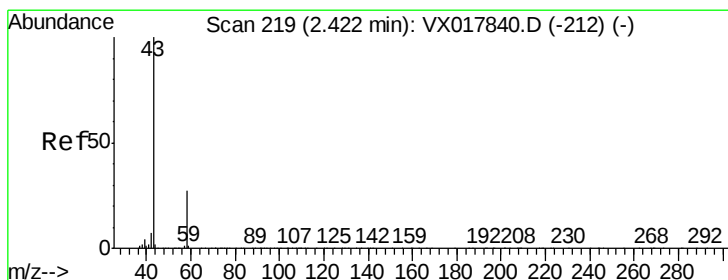
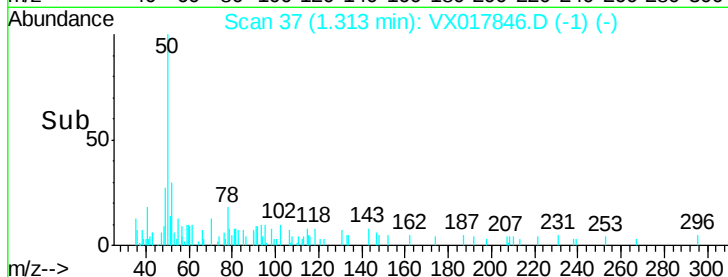
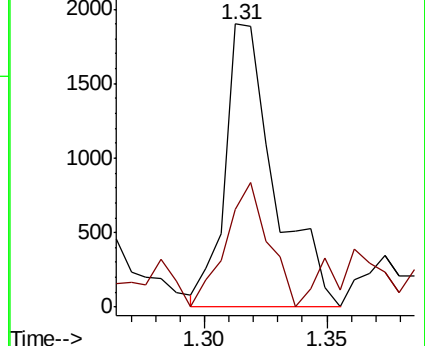
50 100

52 34.3 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 1.269 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017846.D

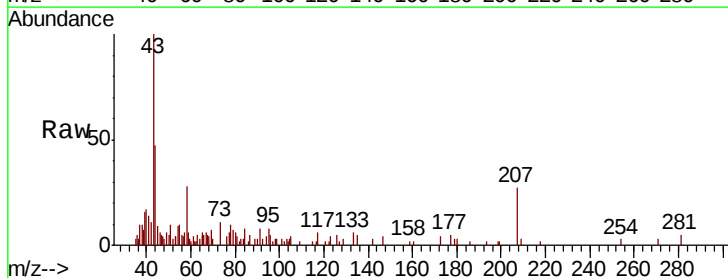
Acq: 10 Aug 2020 13:34

Tgt Ion: 43 Resp: 5425

Ion Ratio Lower Upper

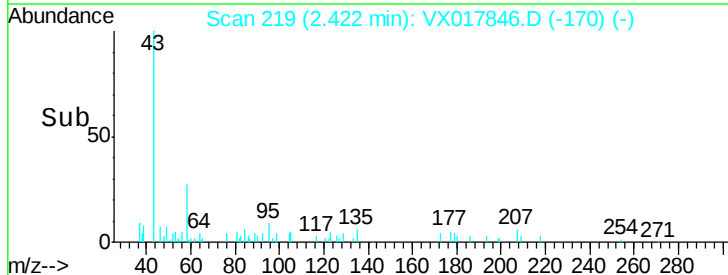
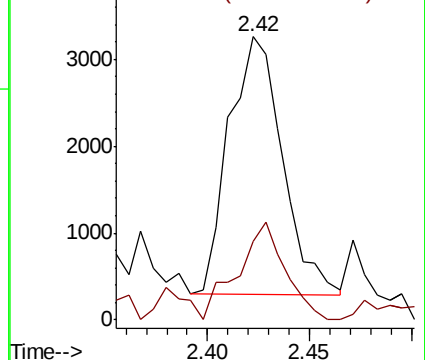
43 100

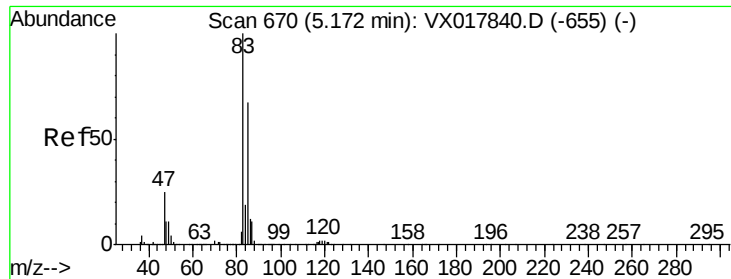
58 33.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

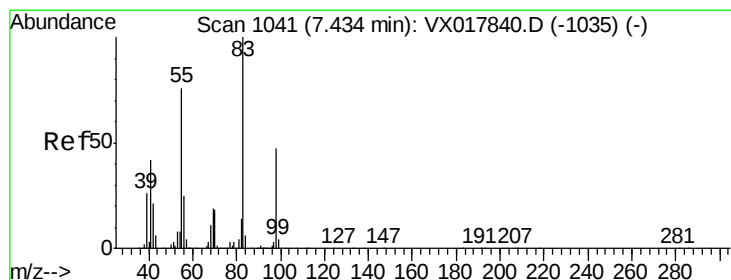
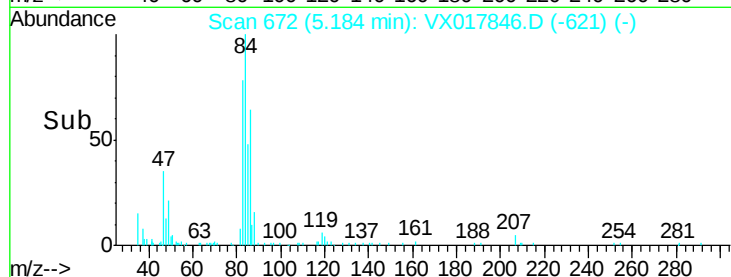
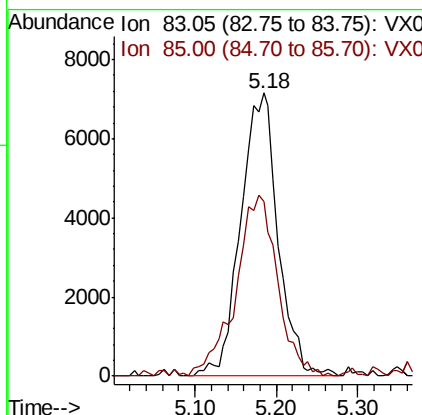
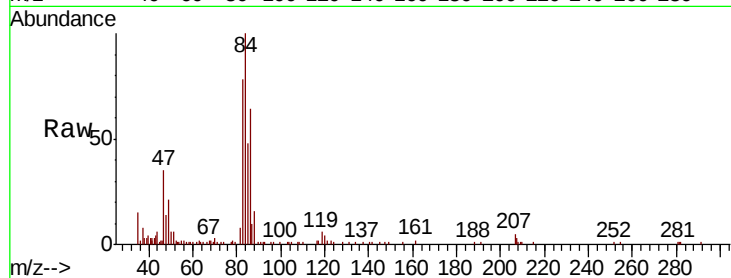




#25
Chloroform
Concen: 0.427 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017846.D
Acq: 10 Aug 2020 13:34

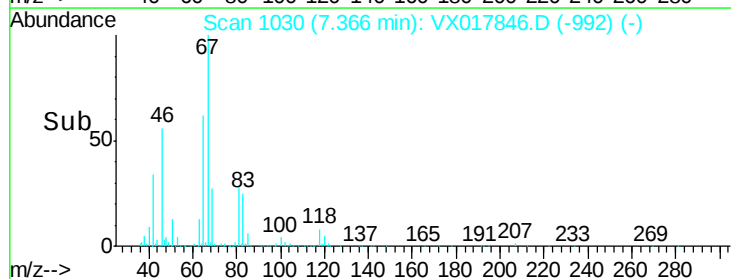
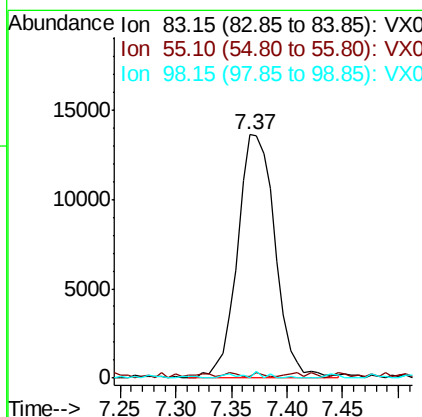
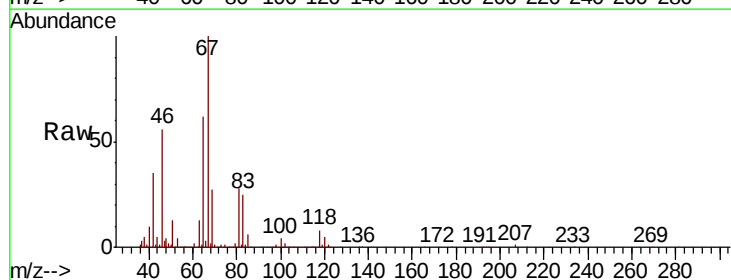
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GAY85

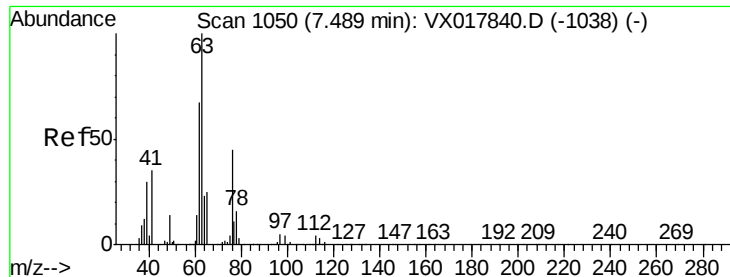
Tot Ion: 83 Resp: 22766
Ion Ratio Lower Upper
83 100
85 61.8 44.7 83.1



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017846.D
Acq: 10 Aug 2020 13:34

Tgt Ion: 83 Resp: 32072
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 0.7 38.0 57.0#

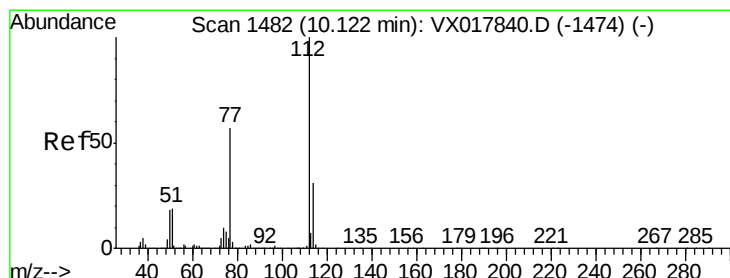
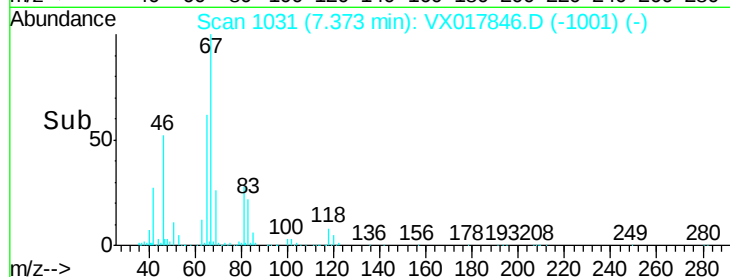
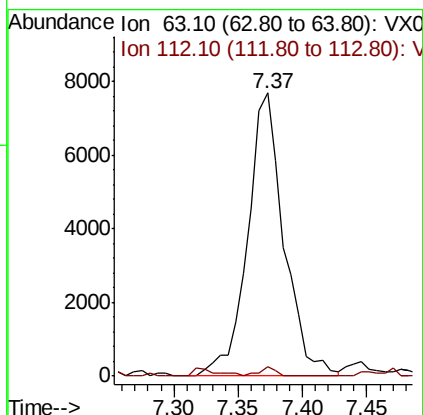
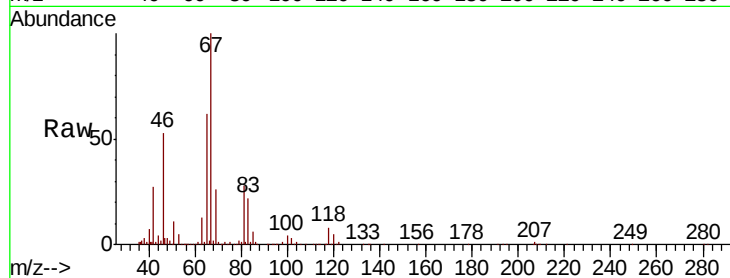




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX017846.D
 Acq: 10 Aug 2020 13:34

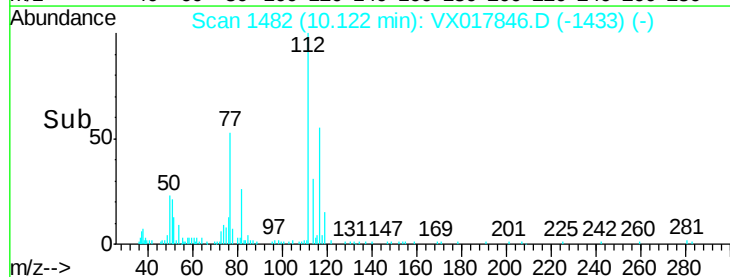
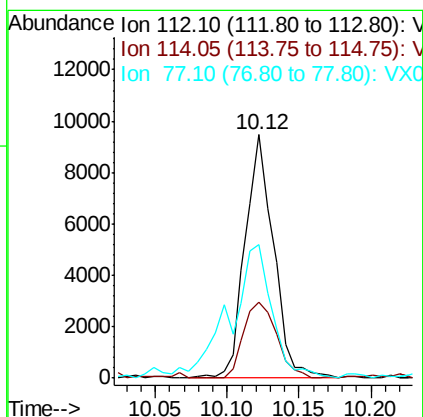
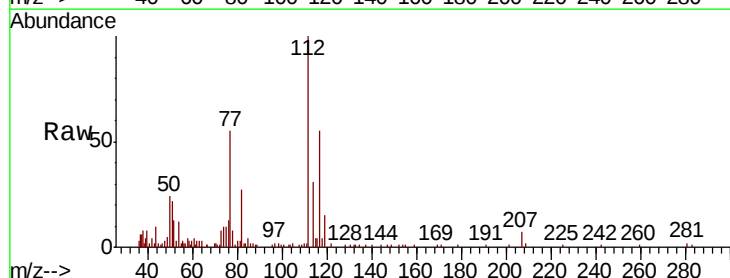
Instrument :
 MSVOA_X
 ClientSampleId :
 GAY85

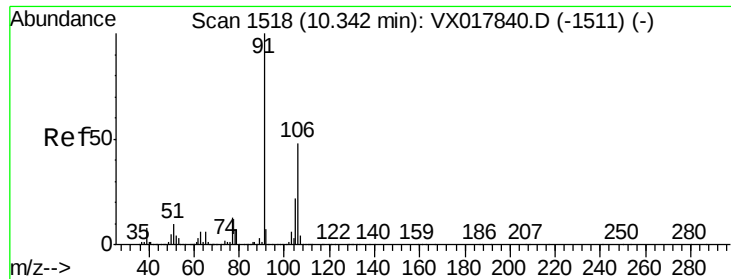
Tot Ion: 63 Resp: 14923
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.6 5.4#



#53
 Chlorobenzene
 Concen: 0.169 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX017846.D
 Acq: 10 Aug 2020 13:34

Tgt Ion: 112 Resp: 13061
 Ion Ratio Lower Upper
 112 100
 114 31.3 23.5 43.7
 77 54.9 46.7 70.1





#55
 m,p-xylene
 Concen: 0.092 ug/L
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX017846.D
 Acq: 10 Aug 2020 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY85

Tot Ion:106 Resp: 4556
 Ion Ratio Lower Upper
 106 100
 91 197.3 143.3 266.1

