

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017836.D
 Acq On : 07 Aug 2020 19:43
 Operator : JC/SP
 Sample : L3591-09
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 00:10:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	263337	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	265189	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	121278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94240	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.69	69	79760	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.34	63	167271	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.54	46	258166	53.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	5.14	84	182762	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	6.03	65	106887	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	6.05	84	350798	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.37	67	121299	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	8.70	98	334591	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	8.99	79	44887	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	9.43	63	202210	49.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.84%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	85432	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	131578	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

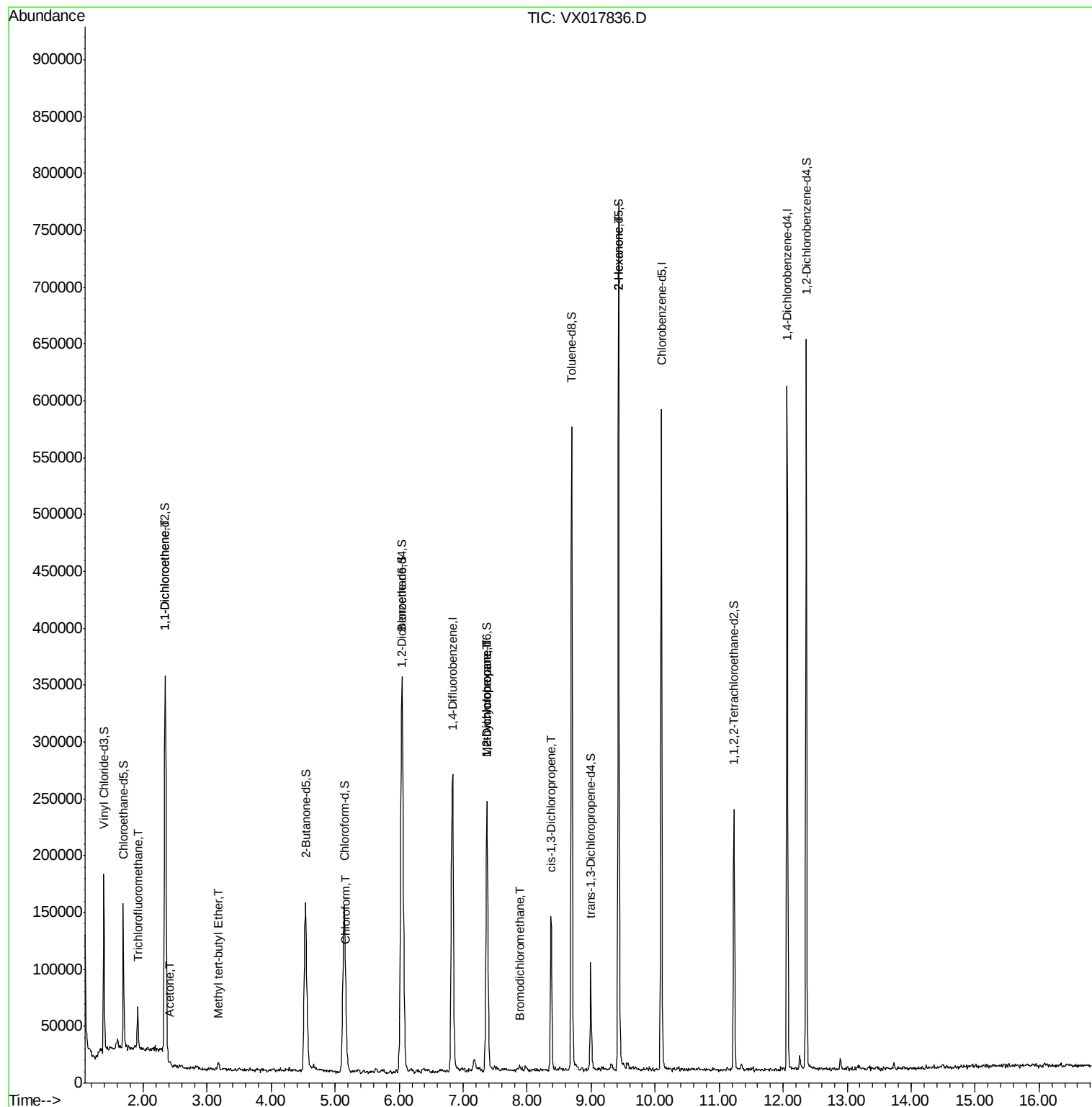
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.92	101	22573	0.566	ug/L	96
12) 1,1-Dichloroethene	2.35	96	51191	2.536	ug/L #	43
13) Acetone	2.42	43	5182	1.468	ug/L	86
17) Methyl tert-butyl Ether	3.17	73	5667	0.105	ug/L #	79
25) Chloroform	5.17	83	13467	0.306	ug/L	91
35) Methylcyclohexane	7.37	83	29776	0.773	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	14327	0.607	ug/L #	88
38) Bromodichloromethane	7.87	83	2359	0.072	ug/L	87
39) cis-1,3-Dichloropropene	8.38	75	3624	0.100	ug/L	90
50) 2-Hexanone	9.43	43	25560	2.320	ug/L #	70

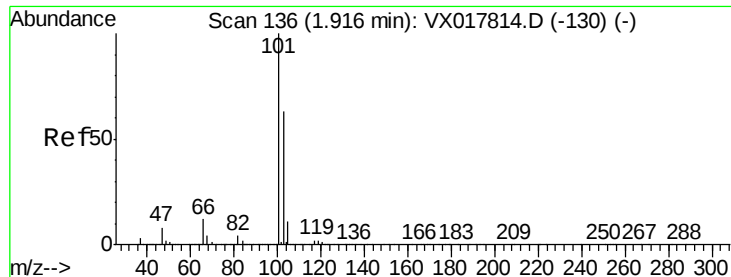
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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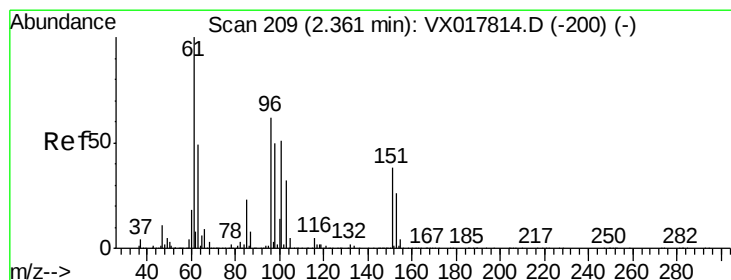
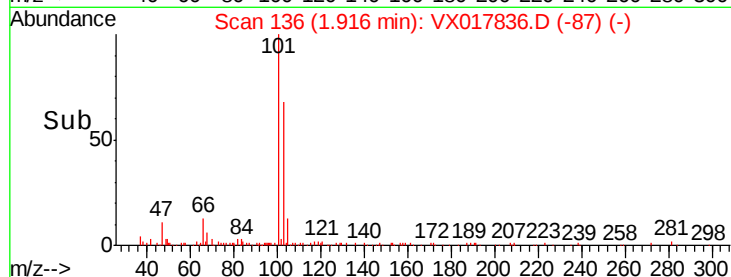
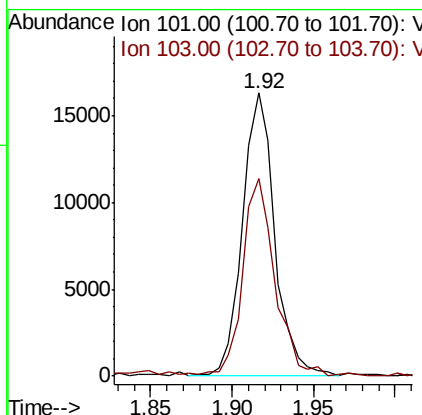
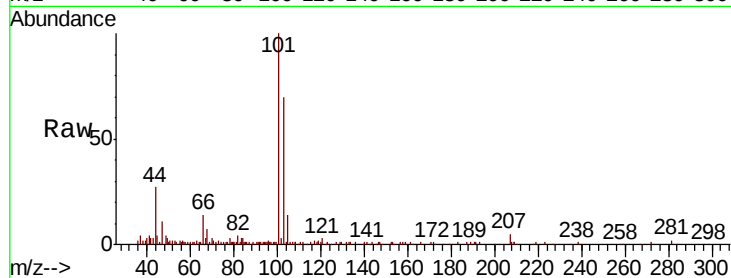


#9

Trichlorofluoromethane
 Concen: 0.566 ug/L
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017836.D
 Acq: 07 Aug 2020 19:43

Instrument :
 MSVOA_X
 ClientSampleId :

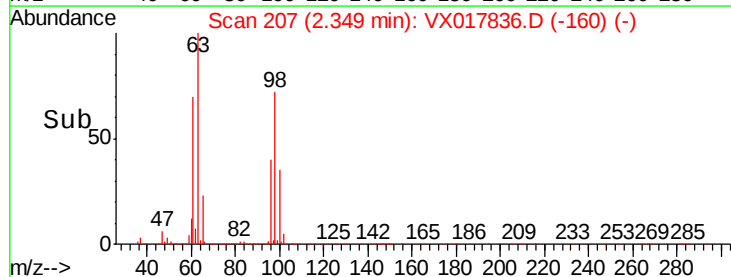
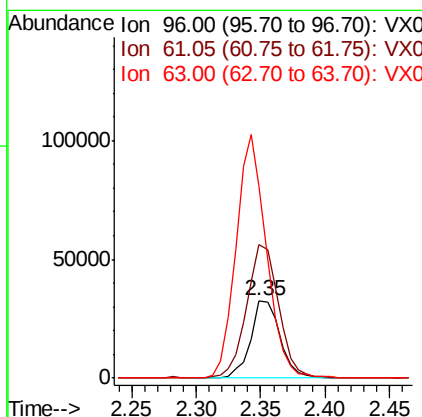
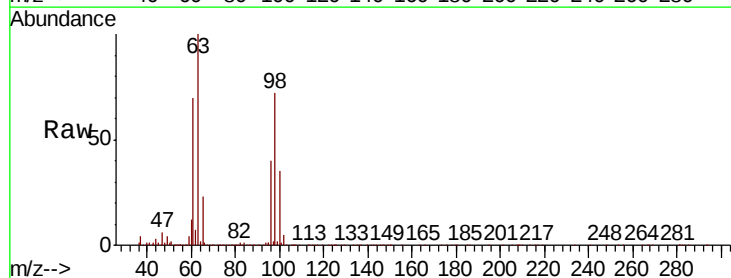
Tot Ion:101 Resp: 22573
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.0 78.0

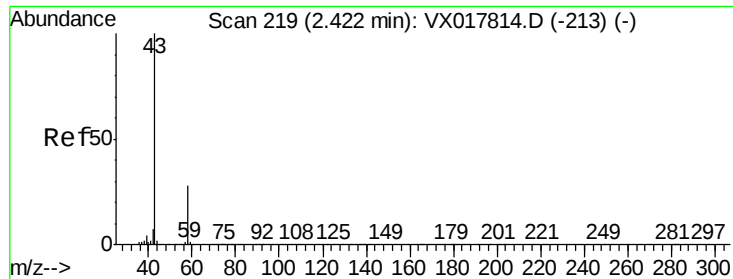


#12

1,1-Dichloroethene
 Concen: 2.536 ug/L
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX017836.D
 Acq: 07 Aug 2020 19:43

Tgt Ion: 96 Resp: 51191
 Ion Ratio Lower Upper
 96 100
 61 172.9 123.5 229.3
 63 248.2 67.0 124.4#





#13

Acetone

Concen: 1.468 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017836.D

Acq: 07 Aug 2020 19:43

Instrument :

MSVOA_X

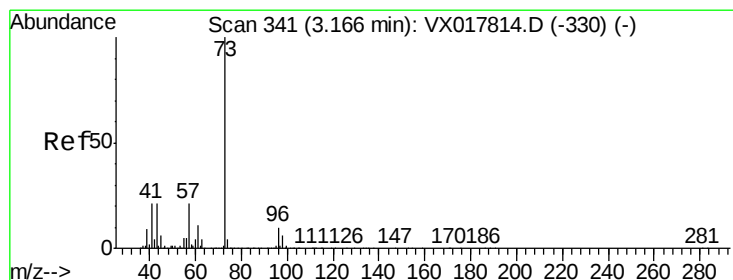
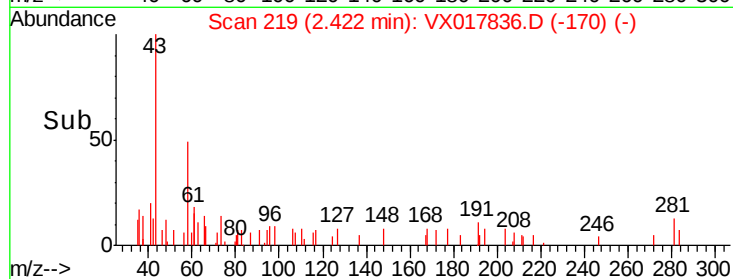
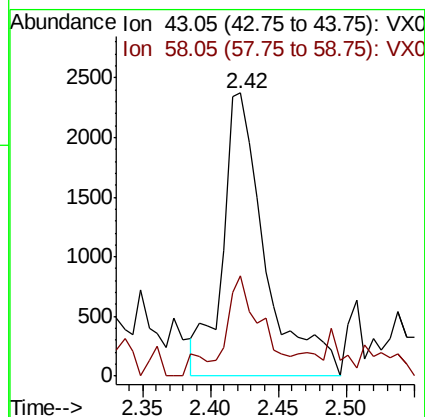
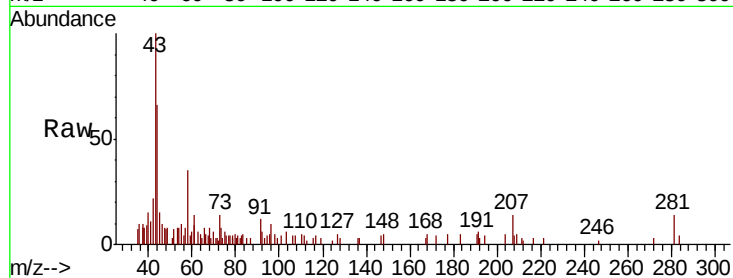
ClientSampleId :

Tot Ion: 43 Resp: 5182

Ion Ratio Lower Upper

43 100

58 22.9 0.0 60.8



#17

Methyl tert-butyl Ether

Concen: 0.105 ug/L

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX017836.D

Acq: 07 Aug 2020 19:43

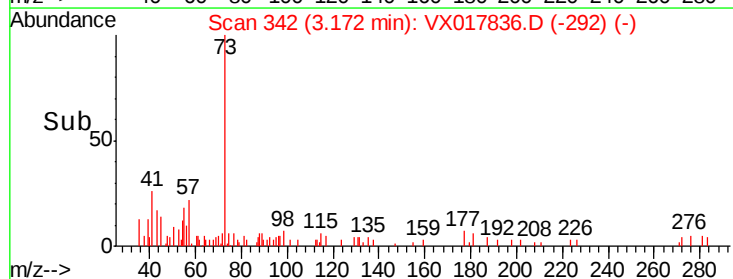
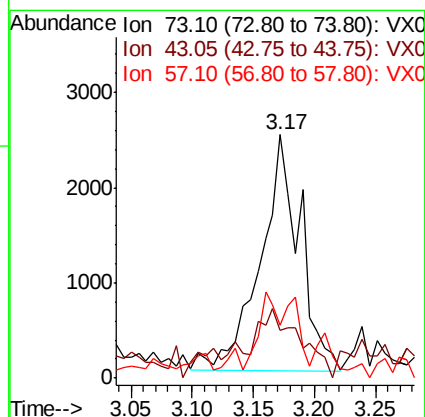
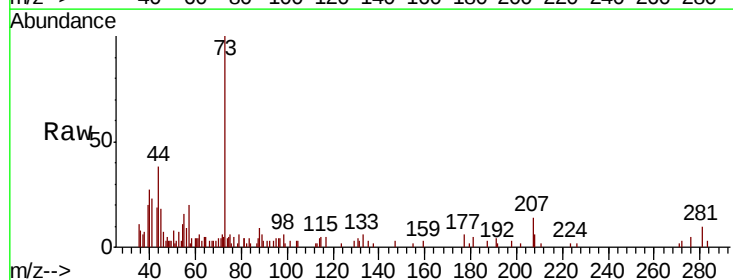
Tgt Ion: 73 Resp: 5667

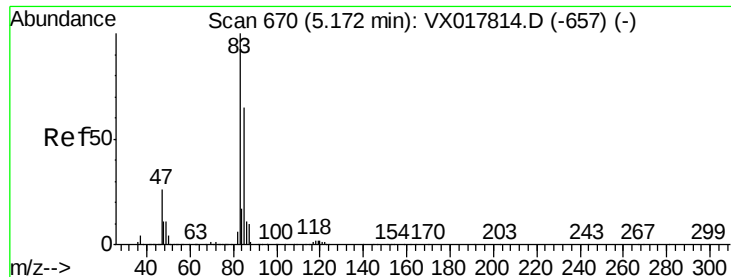
Ion Ratio Lower Upper

73 100

43 37.1 17.7 26.5#

57 16.7 17.0 25.6#

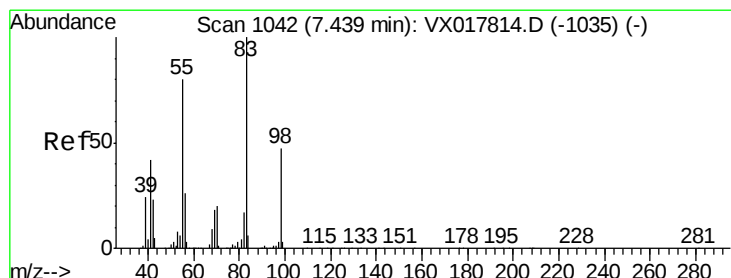
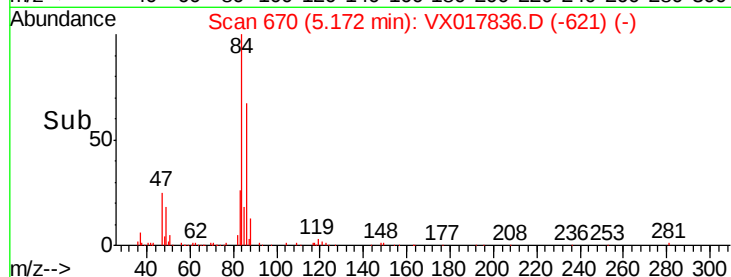
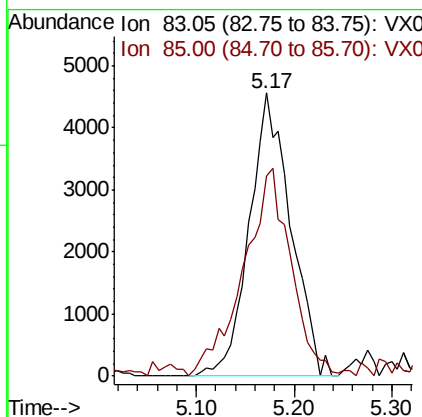
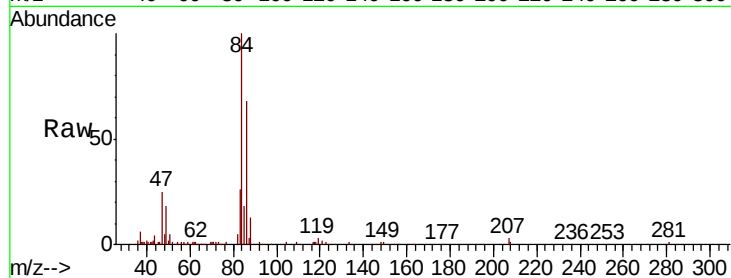




#25
Chloroform
Concen: 0.306 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017836.D
Acq: 07 Aug 2020 19:43

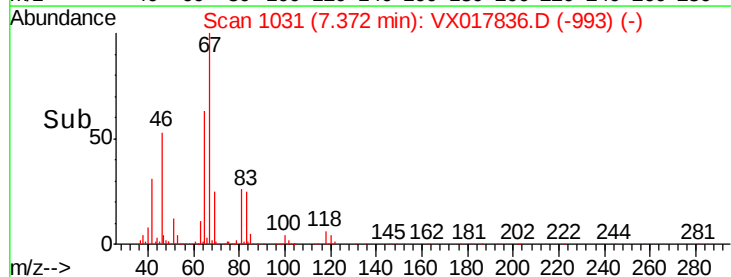
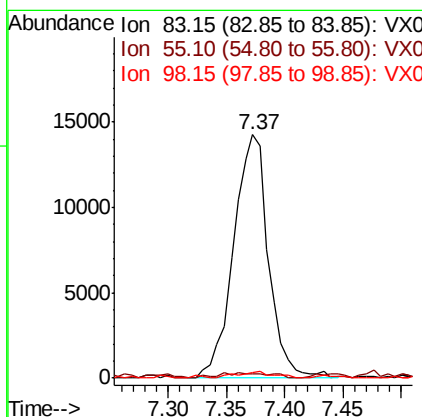
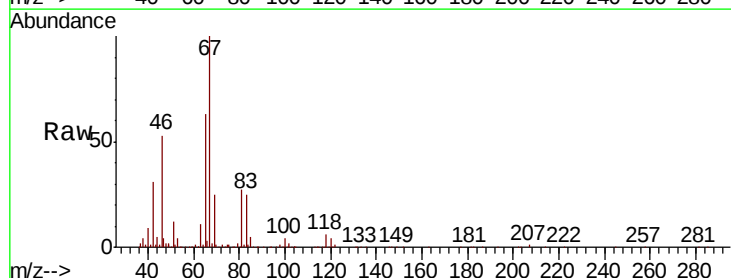
Instrument :
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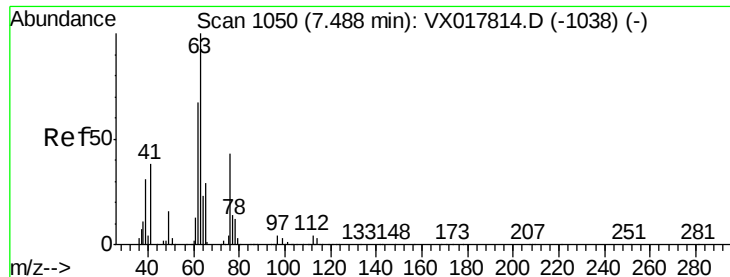
Tot Ion: 83 Resp: 13467
Ion Ratio Lower Upper
83 100
85 70.7 44.7 83.1



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017836.D
Acq: 07 Aug 2020 19:43

Tgt Ion: 83 Resp: 29776
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 2.9 38.0 57.0#

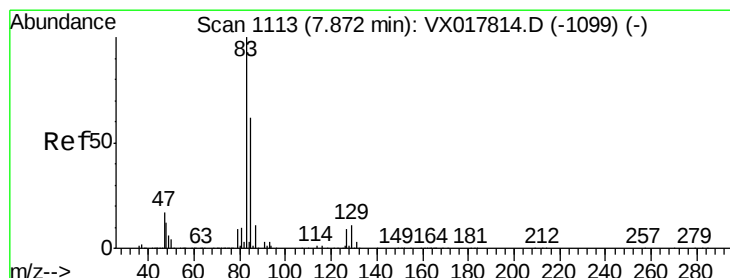
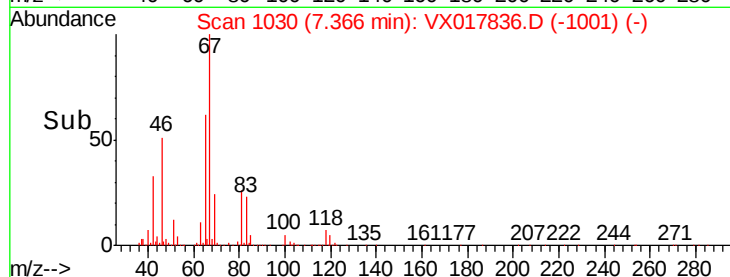
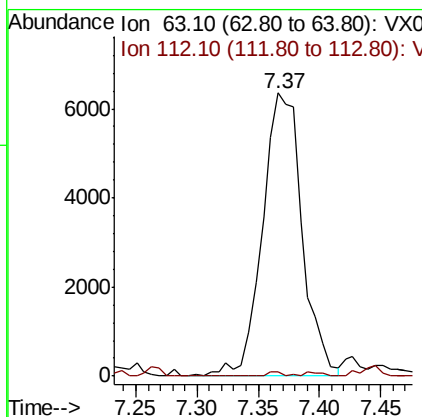
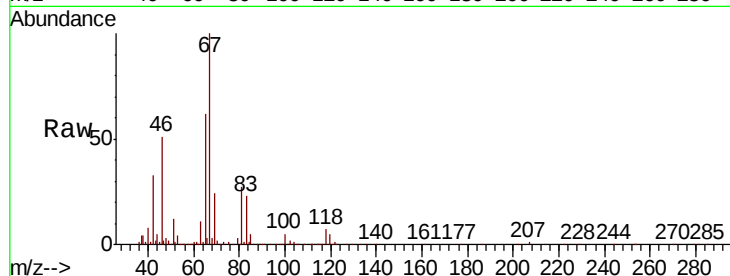




#37
 1,2-Dichloropropane
 Concen: 0.607 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017836.D
 Acq: 07 Aug 2020 19:43

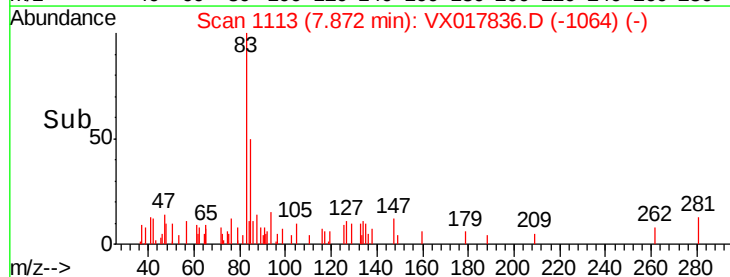
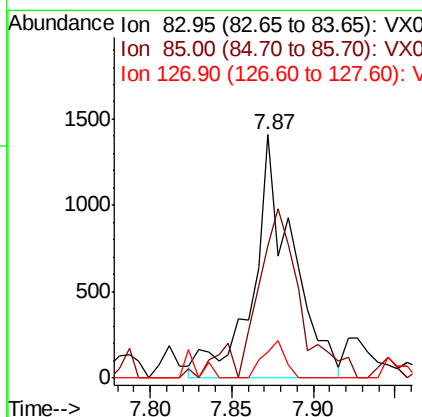
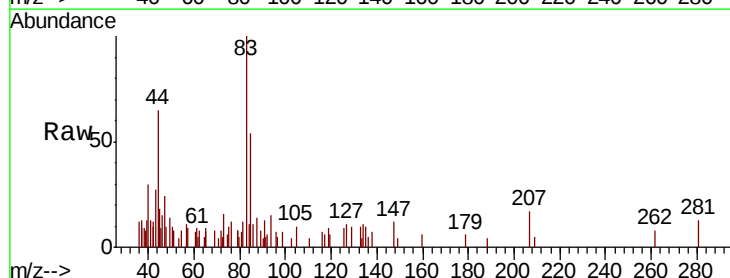
Instrument :
 MSVOA_X
 ClientSampleId :

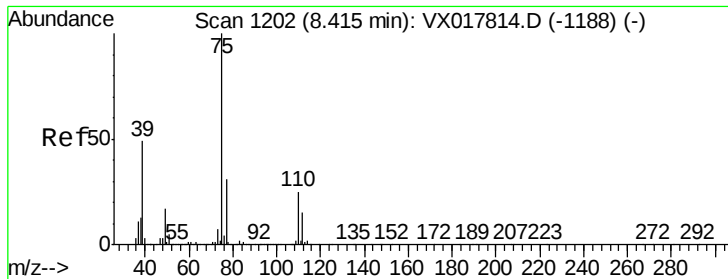
Tot Ion: 63 Resp: 14327
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.072 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX017836.D
 Acq: 07 Aug 2020 19:43

Tgt Ion: 83 Resp: 2359
 Ion Ratio Lower Upper
 83 100
 85 54.3 45.9 85.3
 127 10.9 7.9 11.9

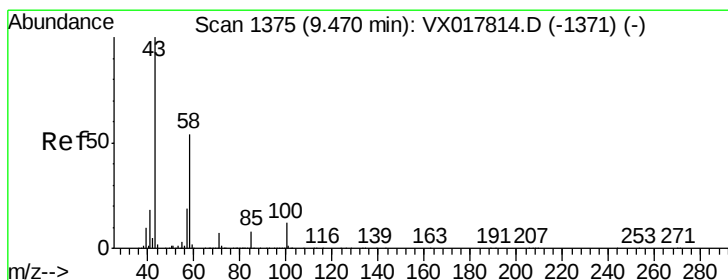
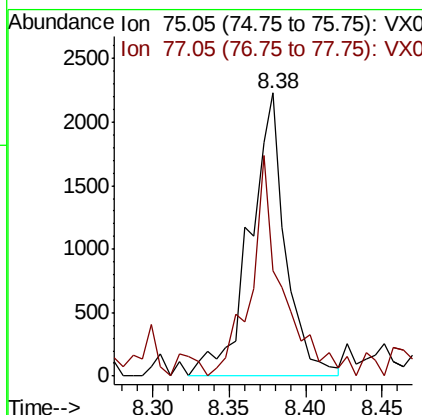
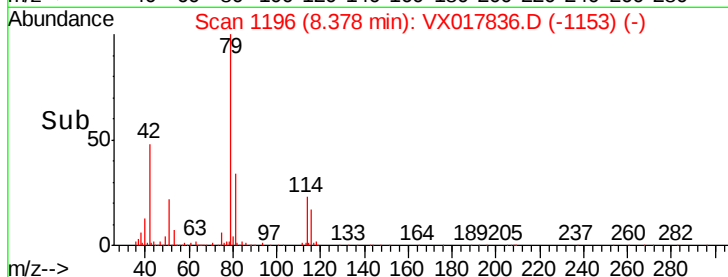
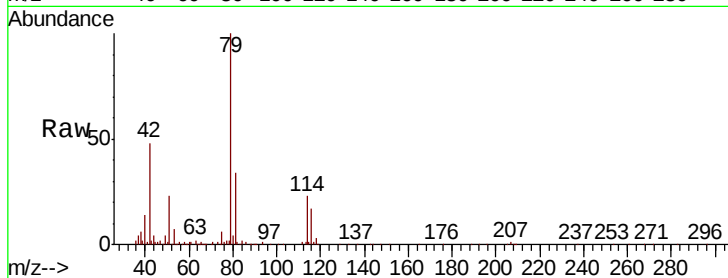




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 8.38 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VX017836.D
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 ClientSampleId :

Tot Ion: 75 Resp: 3624
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.2 41.2



#50
 2-Hexanone
 Concen: 2.320 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017836.D
 Acq: 07 Aug 2020 19:43

Tgt Ion: 43 Resp: 25560
 Ion Ratio Lower Upper
 43 100
 58 30.5 43.0 64.6#
 57 30.2 15.0 22.4#
 100 2.8 9.2 13.8#

