

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO080720\
 Data File : VX017834.D
 Acq On : 07 Aug 2020 18:53
 Operator : JC/SP
 Sample : L3591-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:14:07 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	6.83	114	284262	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	264846	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118216	5.00	ug/L	0.00

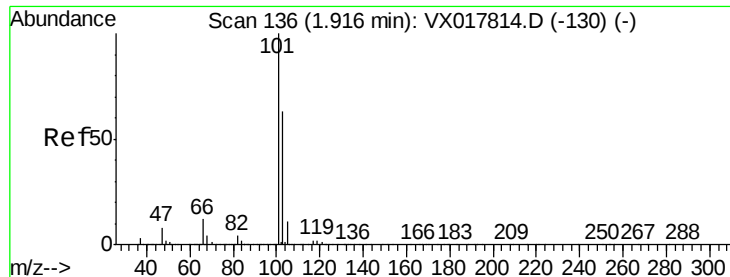
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	89918	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.69	69	77869	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.34	63	245492	6.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.40%
20) 2-Butanone-d5	4.53	46	242791	46.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.08%
24) Chloroform-d	5.14	84	187726	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	6.03	65	102969	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	6.05	84	356681	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	7.37	67	111011	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	8.70	98	310076	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
45) trans-1,3-Dichloropropene-	8.99	79	43364	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	9.43	63	185531	45.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.72%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	73575	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	120140	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.92	101	84522	1.962	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2627	0.112	ug/L # 22
12) 1,1-Dichloroethene	2.36	96	204460	9.384	ug/L 85
13) Acetone	2.42	43	2771	0.727	ug/L 82
17) Methyl tert-butyl Ether	3.17	73	10286	0.176	ug/L # 83
19) 1,1-Dichloroethane	3.67	63	6044	0.137	ug/L 96
25) Chloroform	5.18	83	16370	0.345	ug/L 84
27) 1,2-Dichloroethane	6.17	62	2146	0.070	ug/L 96
35) Methylcyclohexane	7.37	83	27873	0.724	ug/L # 20
38) Bromodichloromethane	7.87	83	3327	0.101	ug/L # 91
39) cis-1,3-Dichloropropene	8.37	75	3810	0.105	ug/L # 70
50) 2-Hexanone	9.43	43	23997	2.181	ug/L # 72

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

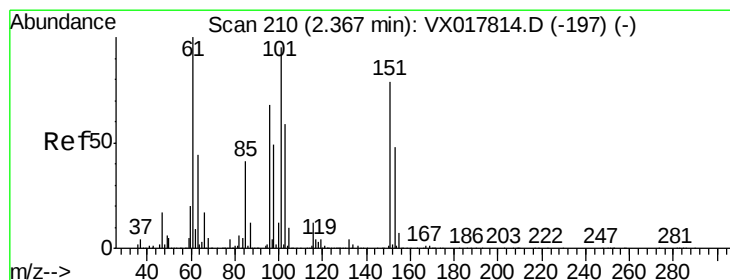
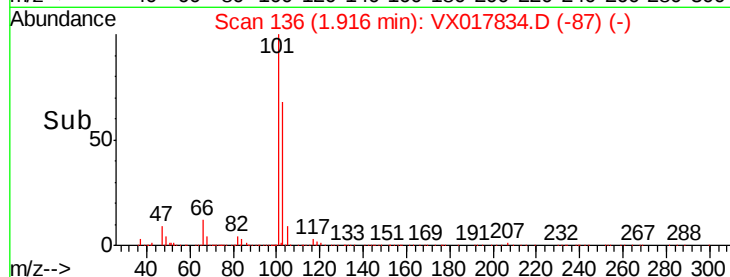
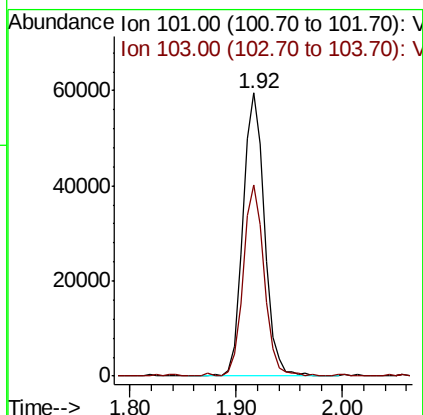
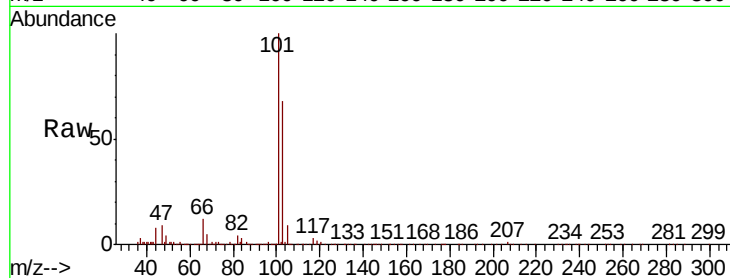


#9

Trichlorofluoromethane
 Concen: 1.962 ug/L
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017834.D
 Acq: 07 Aug 2020 18:53

Instrument :
 MSVOA_X
 ClientSampleId :

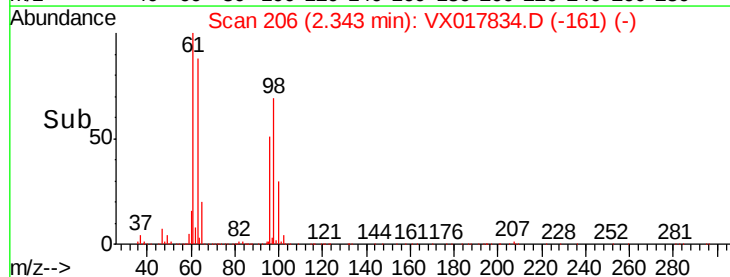
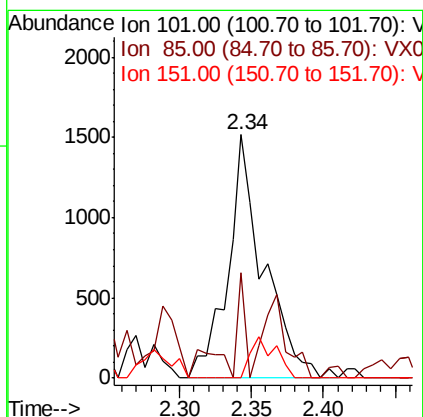
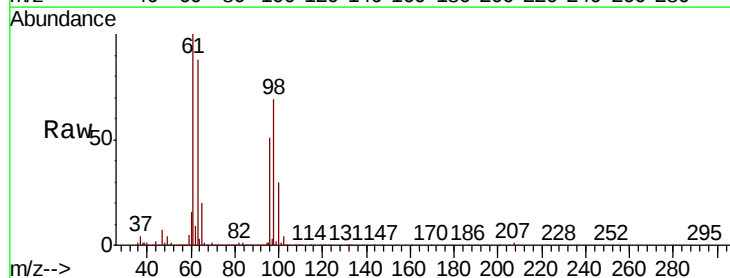
Tot Ion:101 Resp: 84522
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.0 78.0

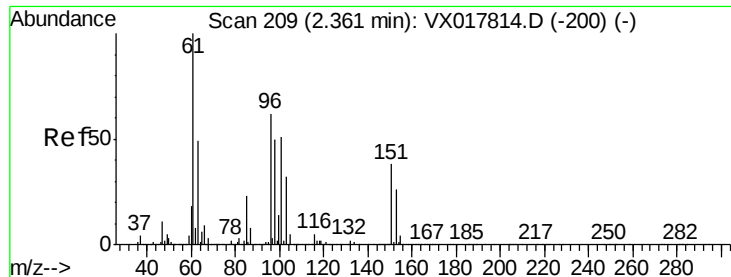


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.112 ug/L
 RT: 2.34 min Scan# 206
 Delta R.T. -0.02 min
 Lab File: VX017834.D
 Acq: 07 Aug 2020 18:53

Tgt Ion:101 Resp: 2627
 Ion Ratio Lower Upper
 101 100
 85 9.2 34.3 51.5#
 151 0.0 64.8 97.2#





#12

1,1-Dichloroethene

Concen: 9.384 ug/L

RT: 2.36 min Scan# 208

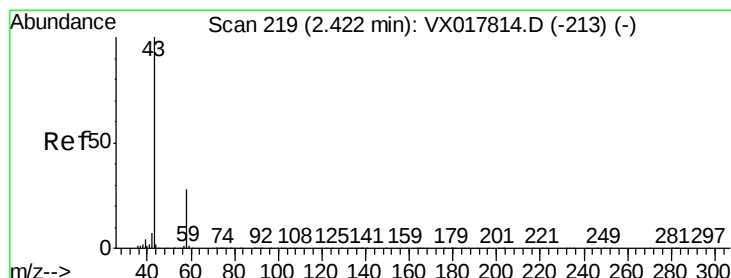
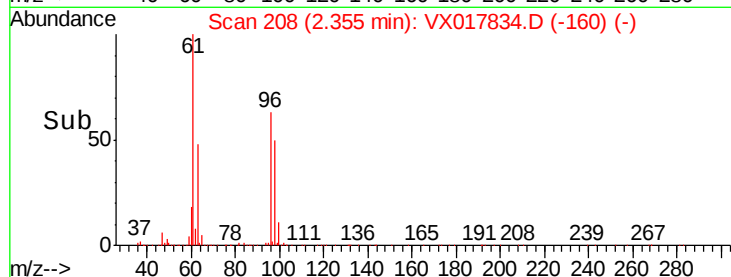
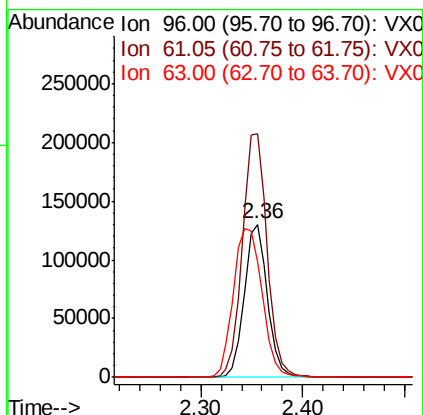
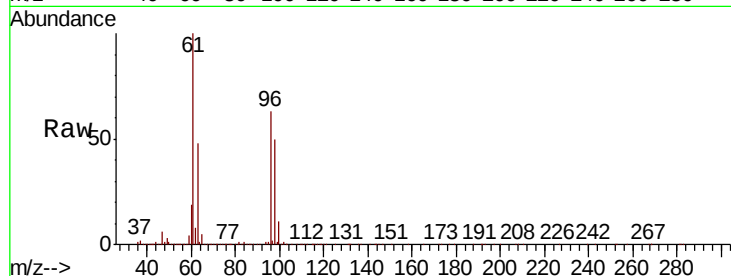
Delta R.T. -0.01 min

Lab File: VX017834.D

Acq: 07 Aug 2020 18:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	204460
Ion	Ratio	Lower	Upper
96	100		
61	159.2	123.5	229.3
63	75.8	67.0	124.4



#13

Acetone

Concen: 0.727 ug/L

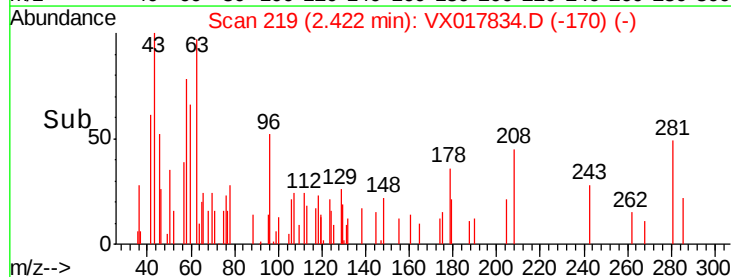
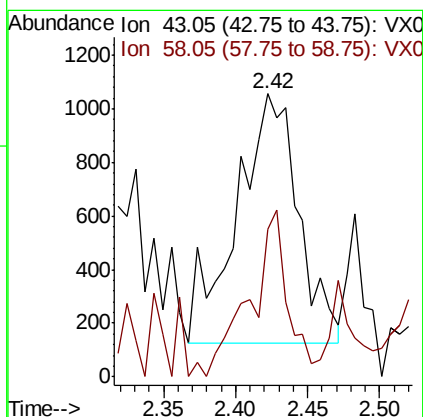
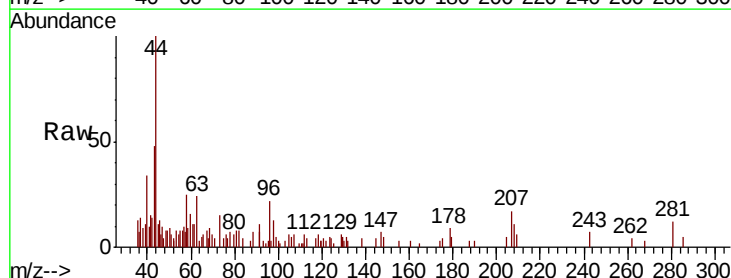
RT: 2.42 min Scan# 219

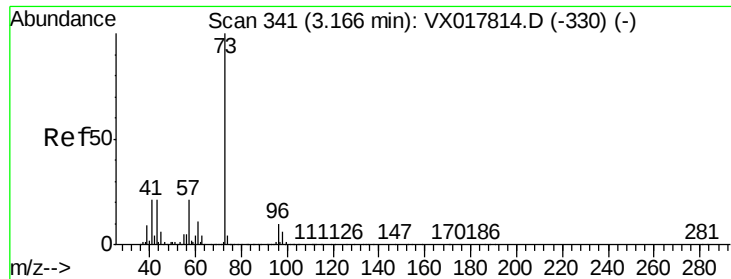
Delta R.T. 0.00 min

Lab File: VX017834.D

Acq: 07 Aug 2020 18:53

Tgt Ion:	43	Resp:	2771
Ion	Ratio	Lower	Upper
43	100		
58	40.3	0.0	60.8

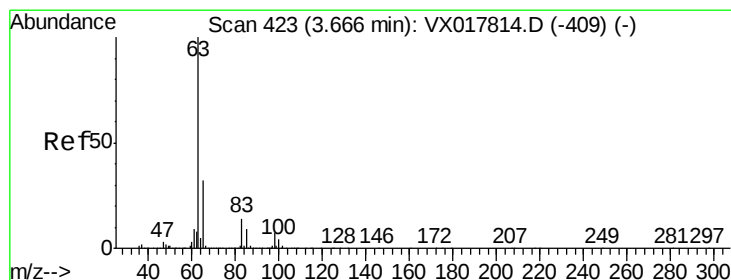
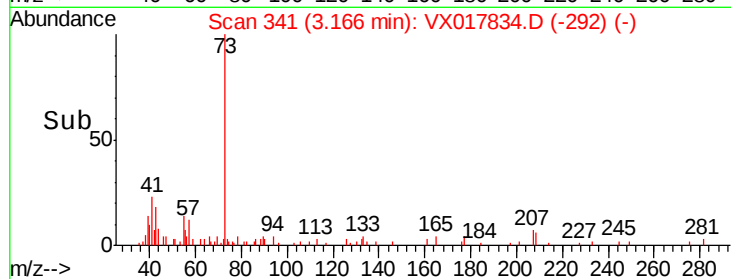
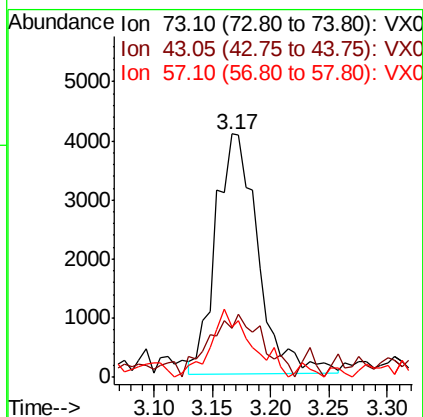
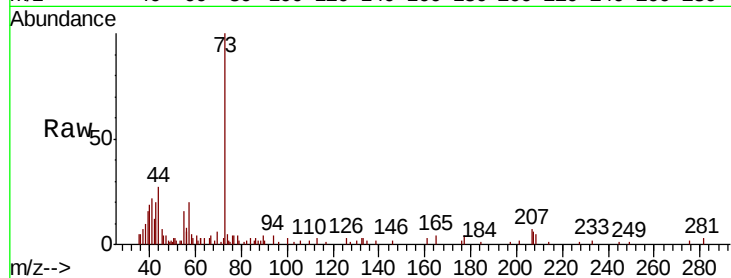




#17
Methvl tert-butvl Ether
Concen: 0.176 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017834.D
Acq: 07 Aug 2020 18:53

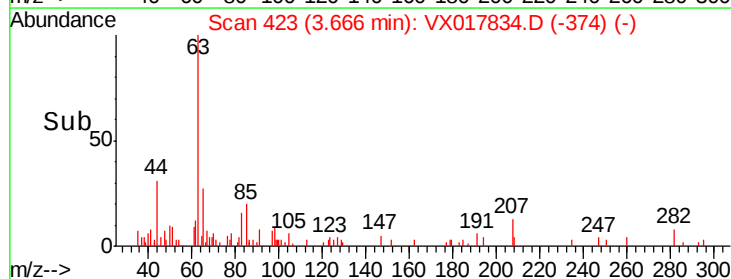
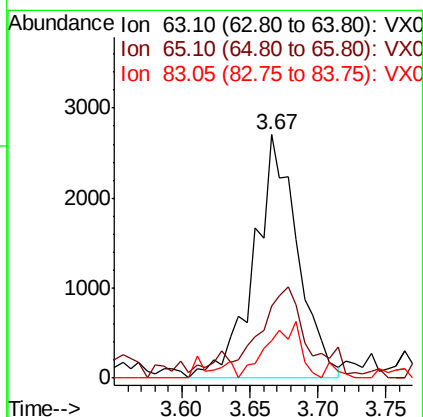
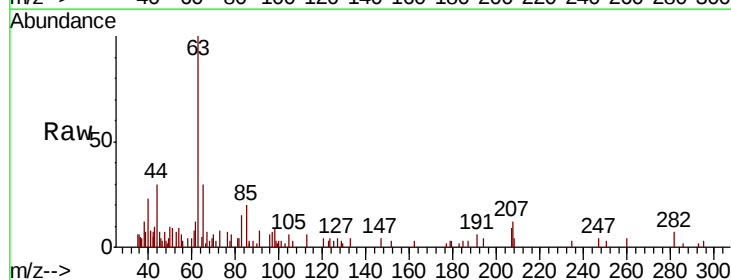
Instrument :
MSVOA_X
ClientSampled :

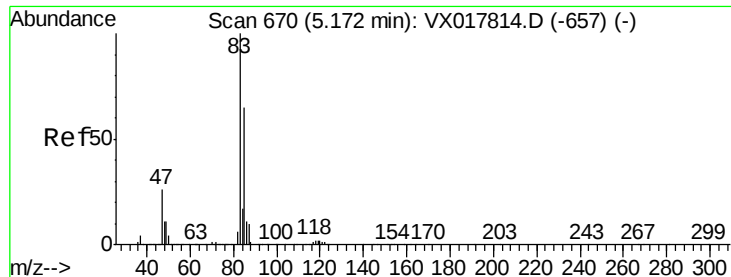
Tot Ion	Ratio	Lower	Upper
73	100		
43	32.5	17.7	26.5#
57	26.8	17.0	25.6#



#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX017834.D
Acq: 07 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.6	42.0
83	15.4	9.5	17.7





#25

Chloroform

Concen: 0.345 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017834.D

Acq: 07 Aug 2020 18:53

Instrument :

MSVOA_X

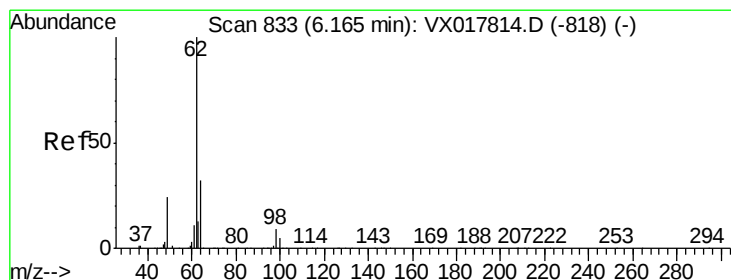
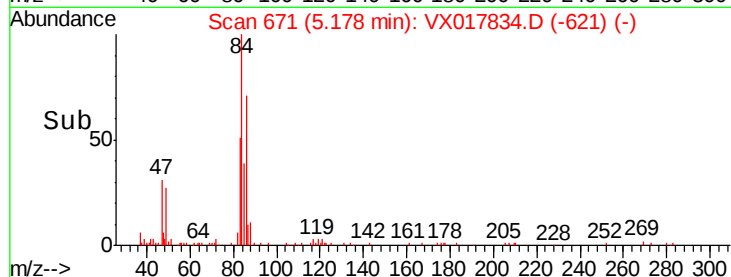
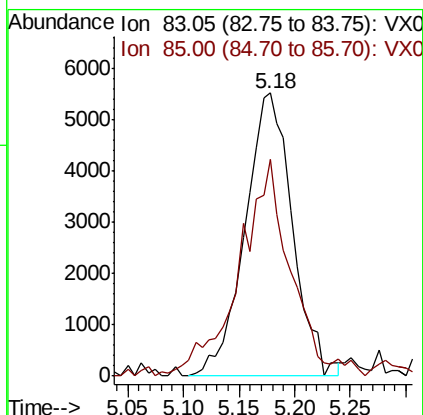
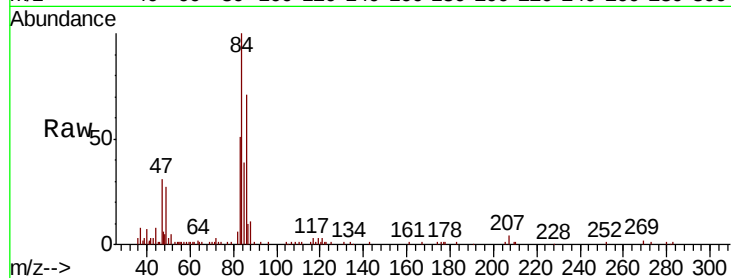
ClientSampleId :

Tot Ion: 83 Resp: 16370

Ion Ratio Lower Upper

83 100

85 76.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX017834.D

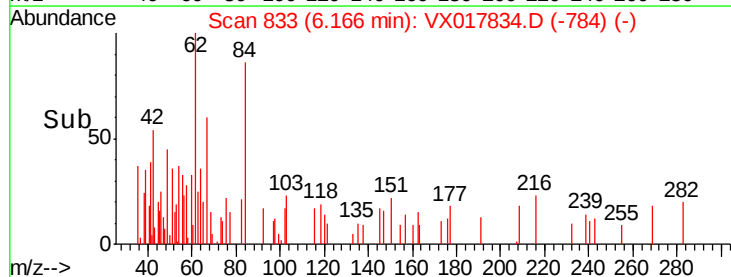
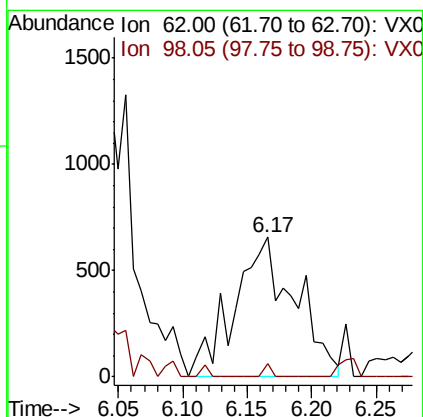
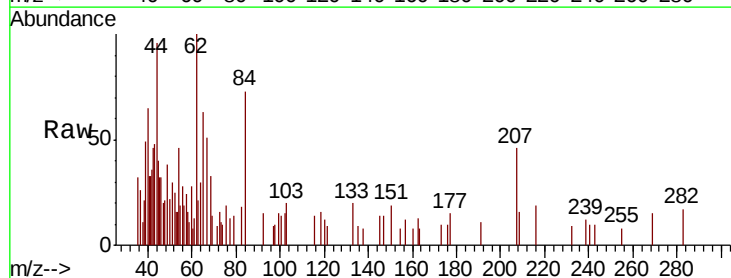
Acq: 07 Aug 2020 18:53

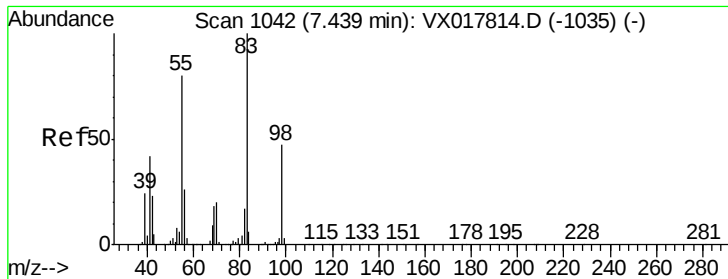
Tgt Ion: 62 Resp: 2146

Ion Ratio Lower Upper

62 100

98 9.9 6.7 10.1

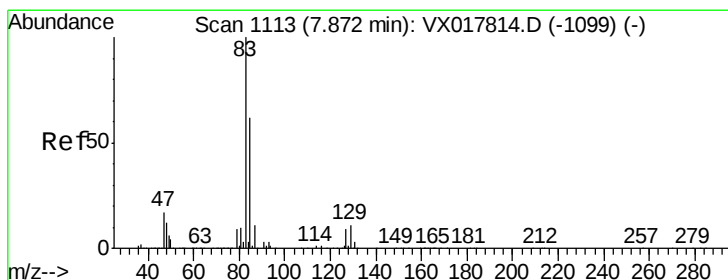
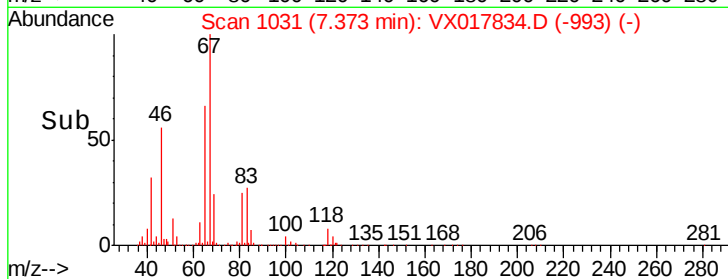
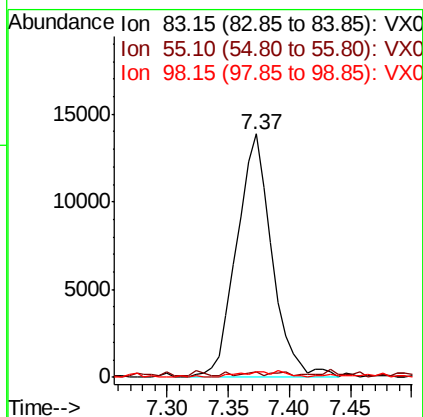
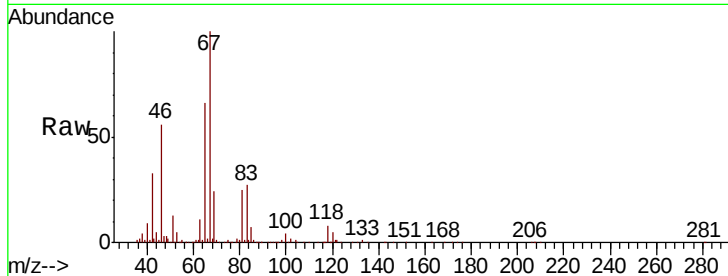




#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017834.D
Acq: 07 Aug 2020 18:53

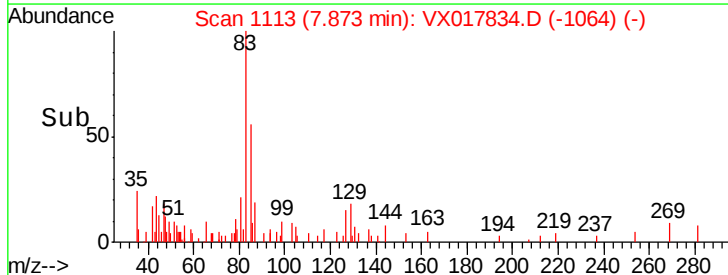
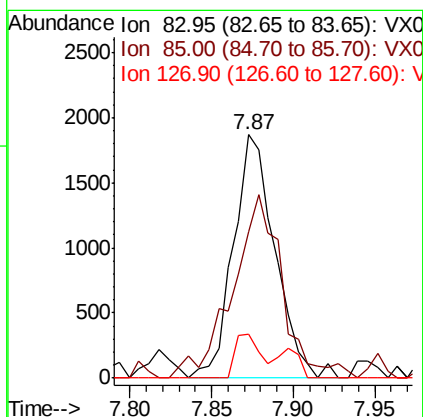
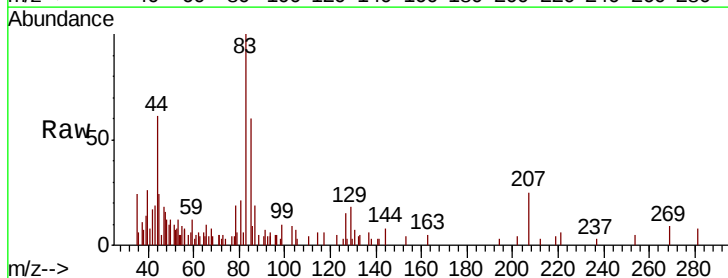
Instrument :
MSVOA_X
ClientSampleId :

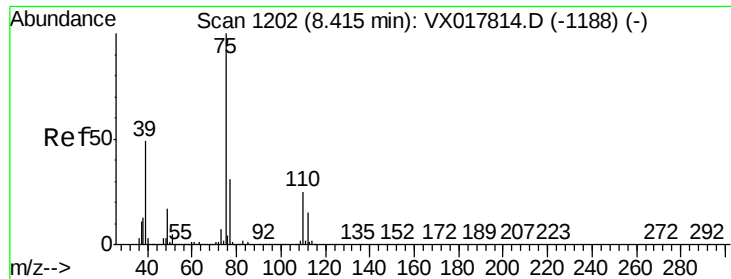
Tot Ion: 83 Resp: 27873
Ion Ratio Lower Upper
83 100
55 1.1 62.4 93.6#
98 2.2 38.0 57.0#



#38
Bromodichloromethane
Concen: 0.101 ug/L
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX017834.D
Acq: 07 Aug 2020 18:53

Tgt Ion: 83 Resp: 3327
Ion Ratio Lower Upper
83 100
85 60.2 45.9 85.3
127 18.3 7.9 11.9#

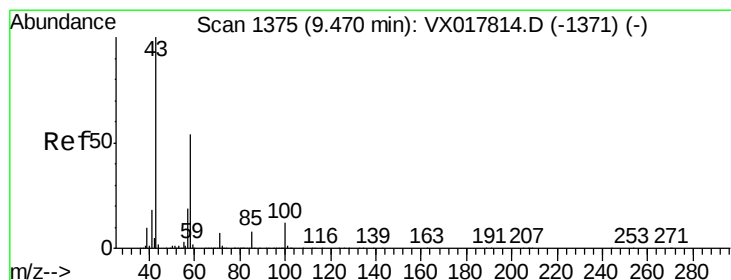
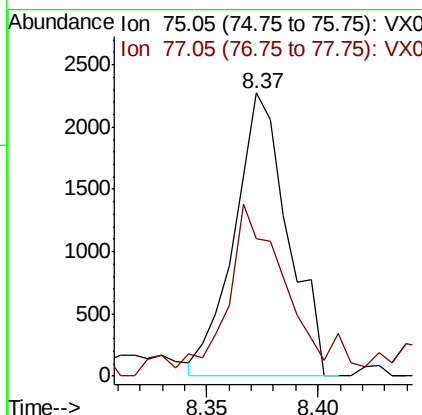
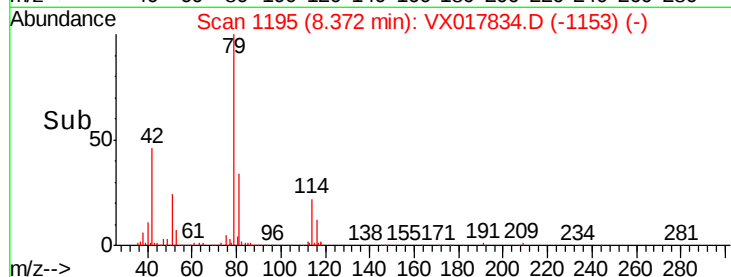
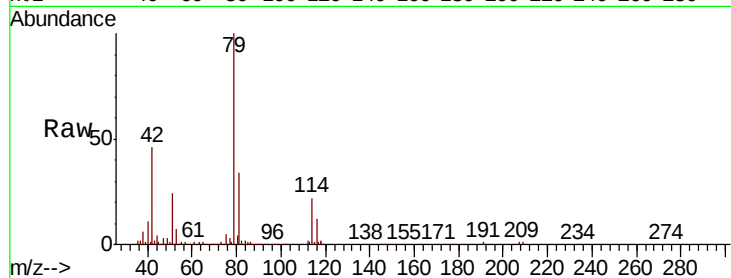




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017834.D
 Acq: 07 Aug 2020 18:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 3810
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.2 41.2#



#50
 2-Hexanone
 Concen: 2.181 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017834.D
 Acq: 07 Aug 2020 18:53

Tgt Ion: 43 Resp: 23997
 Ion Ratio Lower Upper
 43 100
 58 32.1 43.0 64.6#
 57 29.8 15.0 22.4#
 100 2.7 9.2 13.8#

