

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081720\
 Data File : VX017934.D
 Acq On : 17 Aug 2020 13:20
 Operator : JC/SP
 Sample : L3701-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:00:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 00:59:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	279726	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	277324	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	121624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80504	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.70	69	70460	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.34	63	122555	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.54	46	277534	54.07	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.14%
24) Chloroform-d	5.14	84	198163	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	6.03	65	114361	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	6.05	84	358629	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	7.37	67	117084	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	8.70	98	307908	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	8.99	79	46115	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	9.43	63	214970	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	90683	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	125443	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

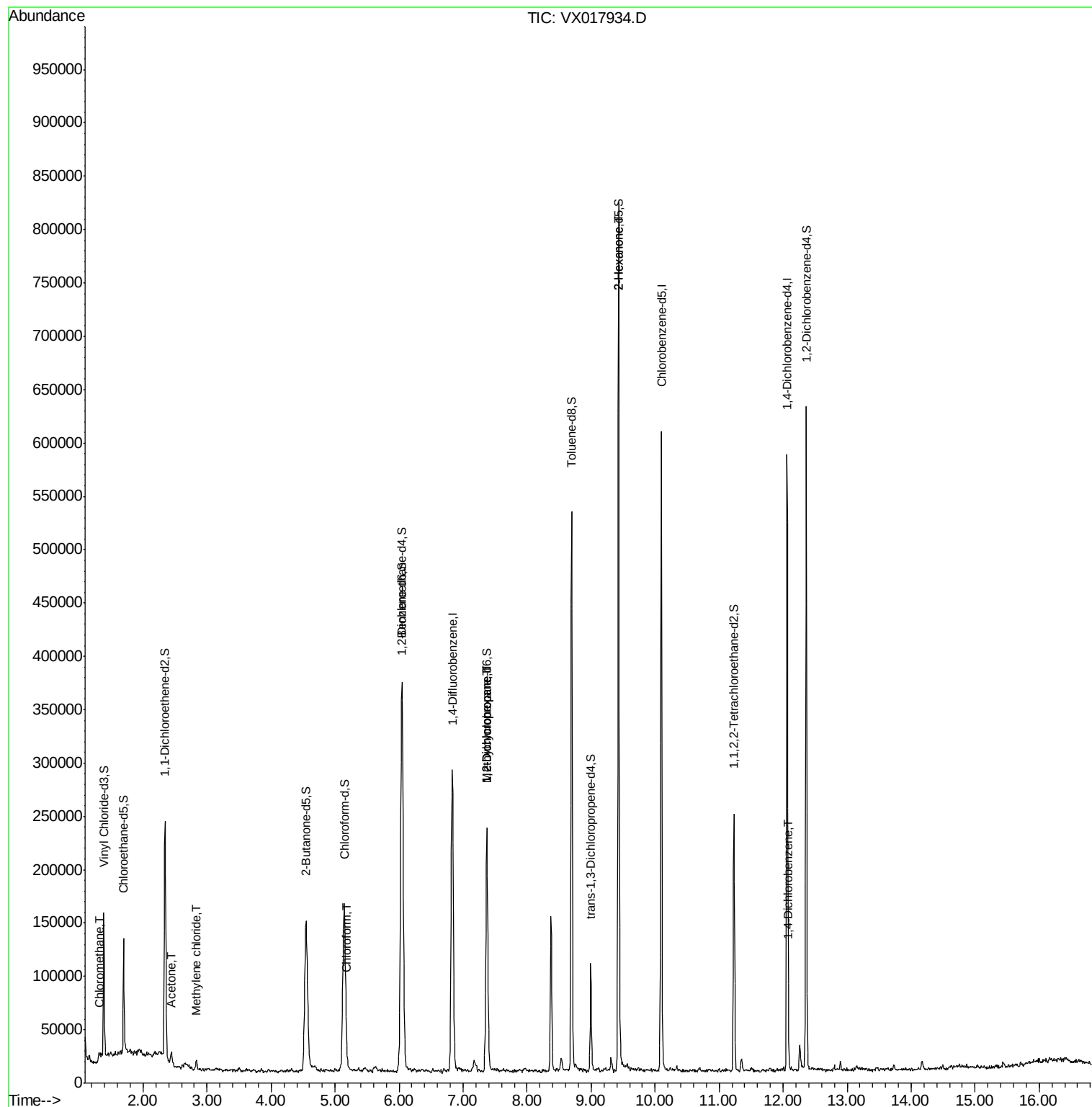
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	3188	0.120	ug/L	83
13) Acetone	2.43	43	18502	4.933	ug/L	93
16) Methylene chloride	2.83	84	3908	0.132	ug/L	96
25) Chloroform	5.18	83	10371	0.222	ug/L	82
35) Methylcyclohexane	7.37	83	29163	0.724	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	14182	0.574	ug/L #	90
50) 2-Hexanone	9.43	43	26149	2.270	ug/L #	72
64) 1,4-Dichlorobenzene	12.09	146	5123	0.109	ug/L	86

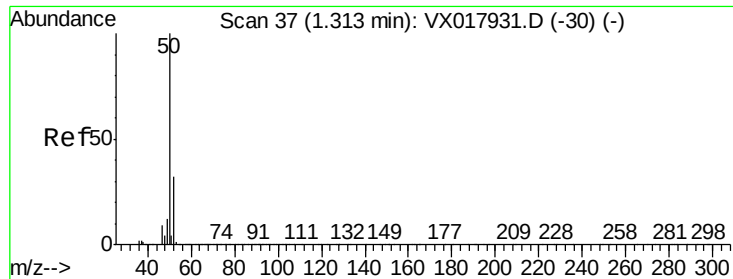
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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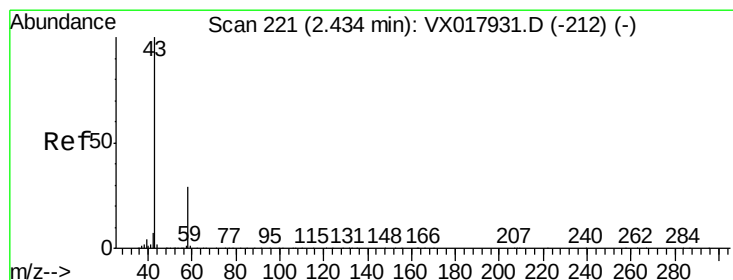
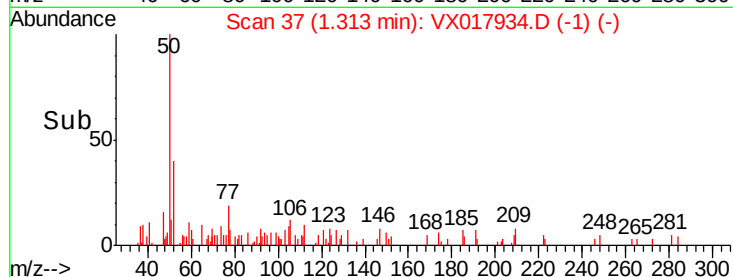
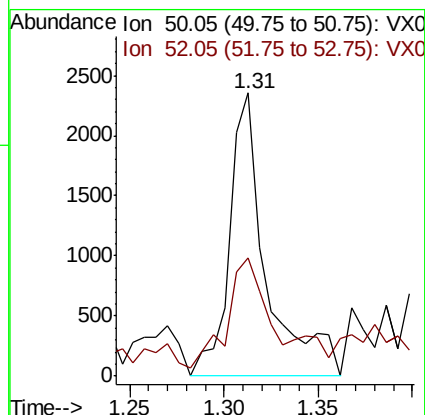
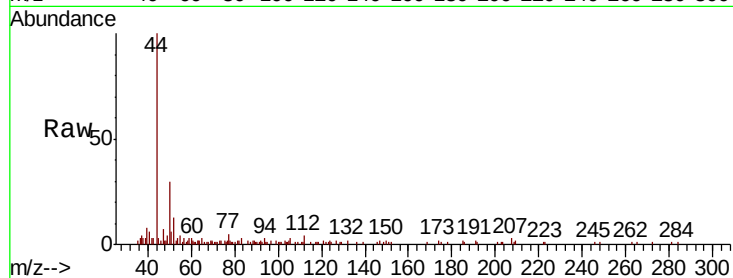




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

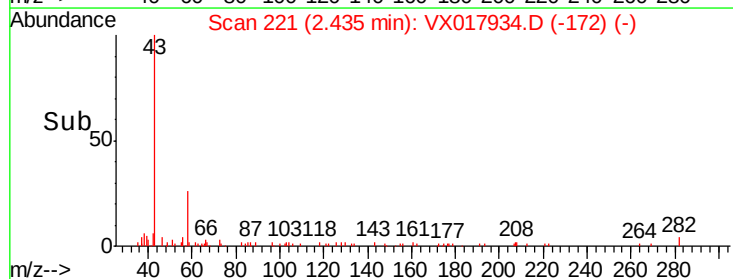
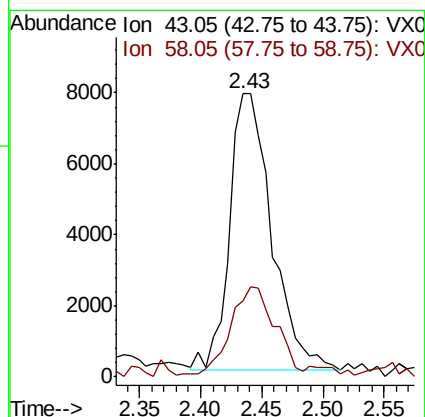
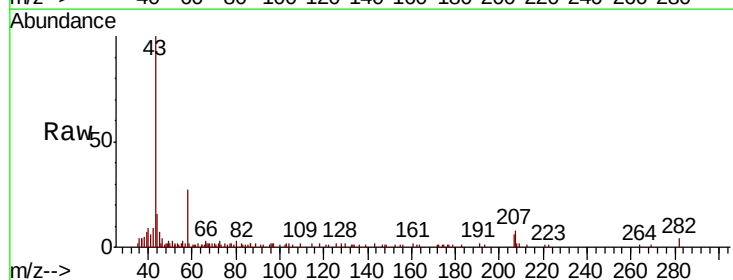
Instrument :
MSVOA_X
ClientSampleId :

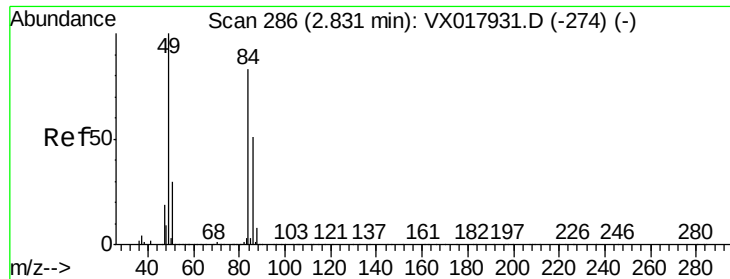
Tot Ion: 50 Resp: 3188
Ion Ratio Lower Upper
50 100
52 41.6 22.5 41.9



#13
Acetone
Concen: 4.933 ug/L
RT: 2.43 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Tgt Ion: 43 Resp: 18502
Ion Ratio Lower Upper
43 100
58 34.0 0.0 60.8

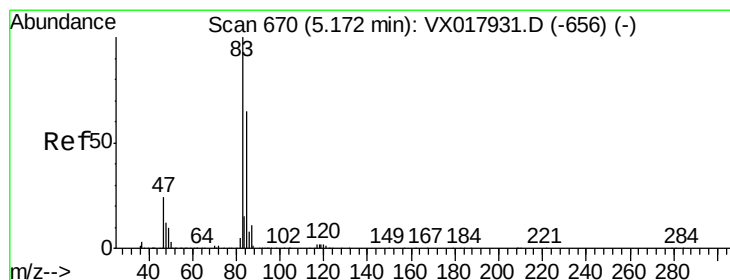
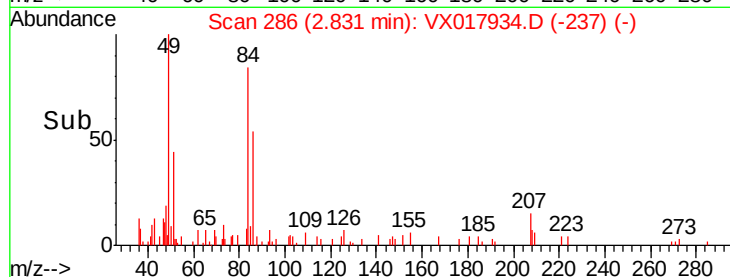
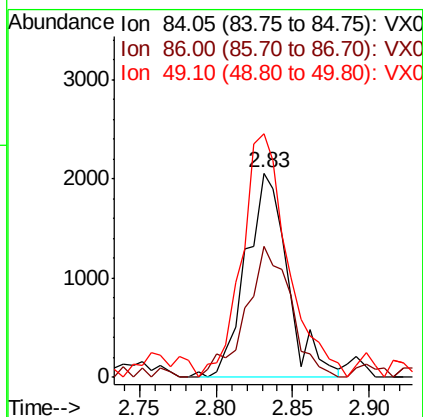
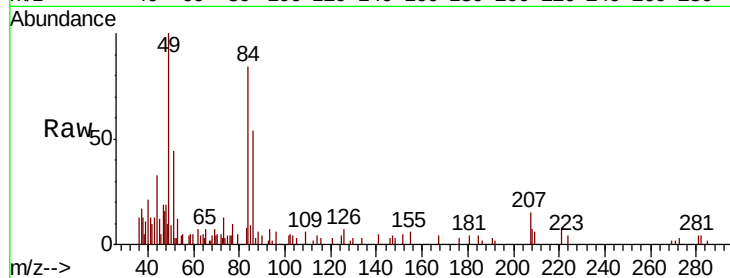




#16
Methylene chloride
Concen: 0.132 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

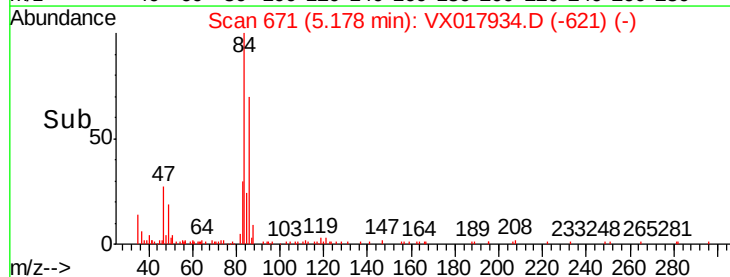
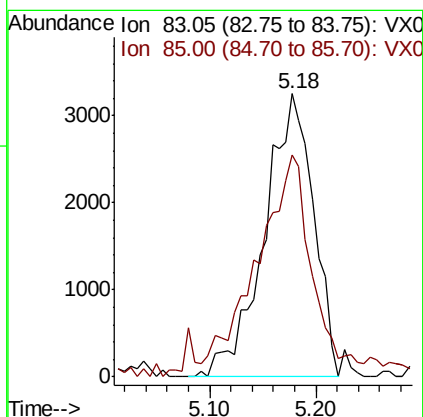
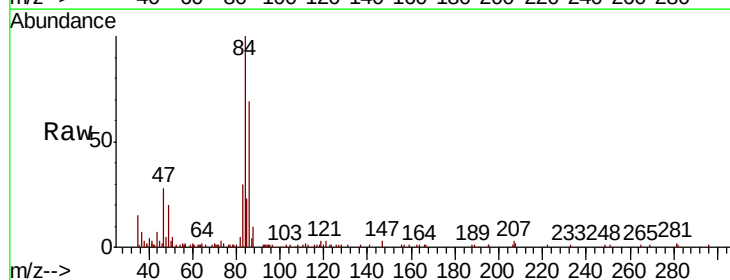
Instrument :
MSVOA_X
ClientSampleId :

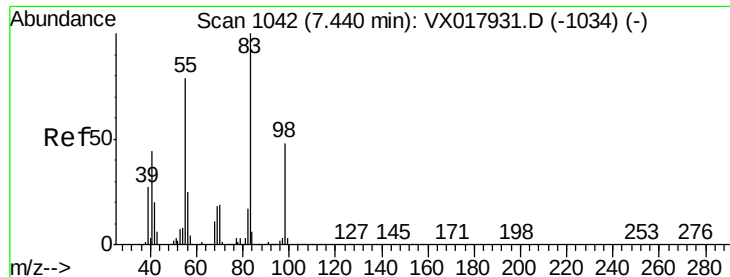
Tot Ion: 84 Resp: 3908
Ion Ratio Lower Upper
84 100
86 64.3 43.0 80.0
49 119.1 86.9 161.3



#25
Chloroform
Concen: 0.222 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Tgt Ion: 83 Resp: 10371
Ion Ratio Lower Upper
83 100
85 78.2 44.7 83.1

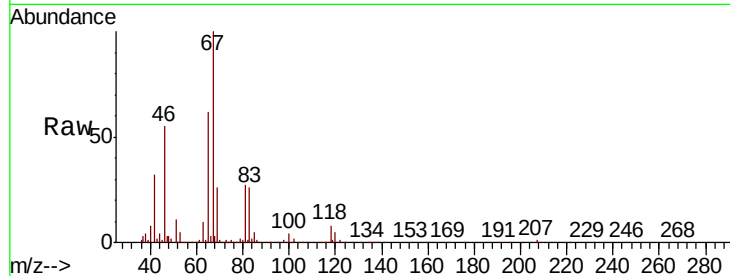




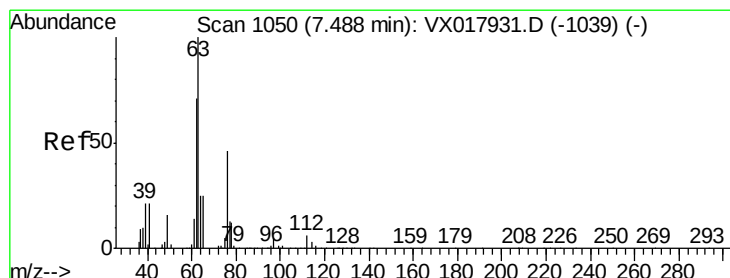
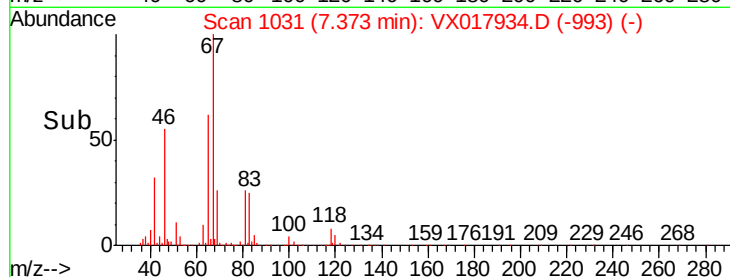
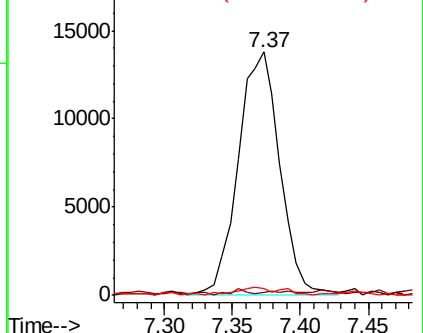
#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.4	93.6#
98	3.8	38.0	57.0#

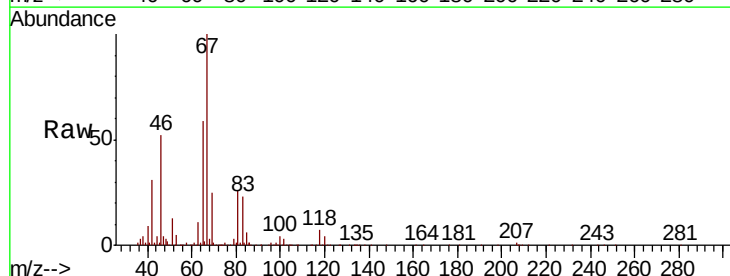


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

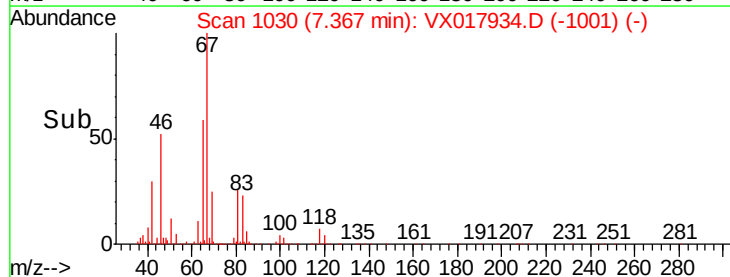
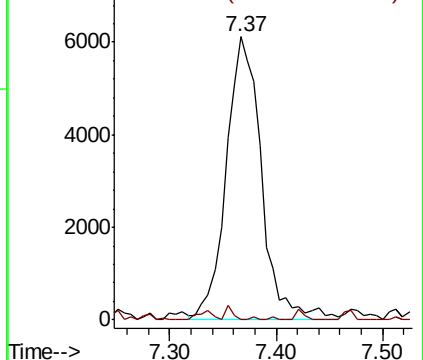


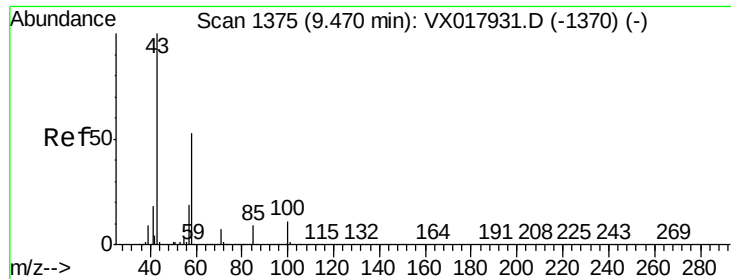
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.6	5.4#



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 112.10 (111.80 to 112.80): V

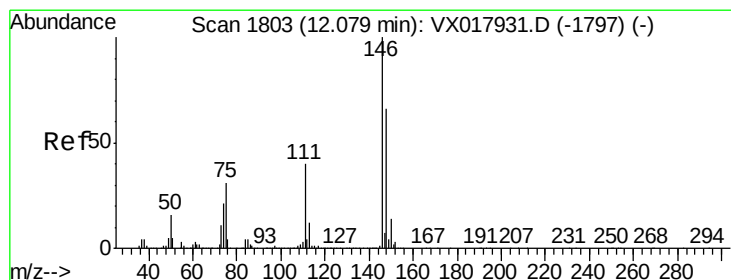
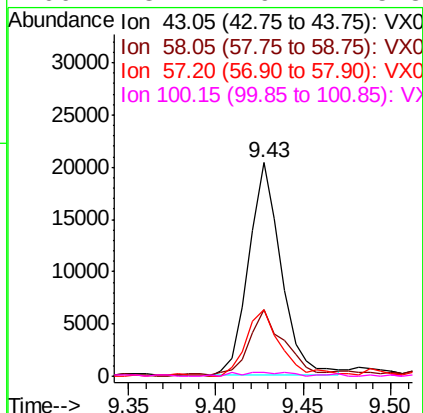
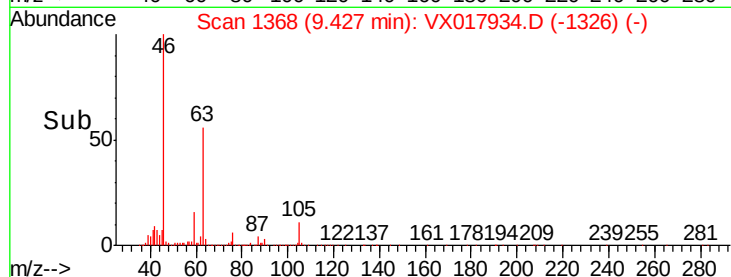
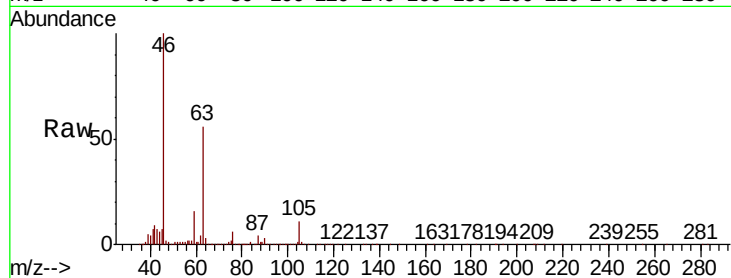




#50
2-Hexanone
Concen: 2.270 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	26149
Ion	Ratio	Lower	Upper
43	100		
58	34.9	43.0	64.6#
57	34.3	15.0	22.4#
100	3.2	9.2	13.8#



#64
1,4-Dichlorobenzene
Concen: 0.109 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX017934.D
Acq: 17 Aug 2020 13:20

Tgt Ion:	146	Resp:	5123
Ion	Ratio	Lower	Upper
146	100		
111	33.2	26.0	48.2
148	47.6	43.2	80.2

