

Data File : VX018711.D
Acq On : 30 Sep 2020 20:49
Operator : JC/SP
Sample : L4208-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0D3

Quant Time: Oct 01 02:42:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	186251	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	186546	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	86132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37752	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.70	69	37474	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	75917	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.56	46	151476	60.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.90%
24) Chloroform-d	5.14	84	117497	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	6.03	65	70616	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	6.05	84	196105	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	7.37	67	64598	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	8.70	98	170022	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	8.99	79	26572	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
48) 2-Hexanone-d5	9.43	63	113260	54.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51772	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	69170	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

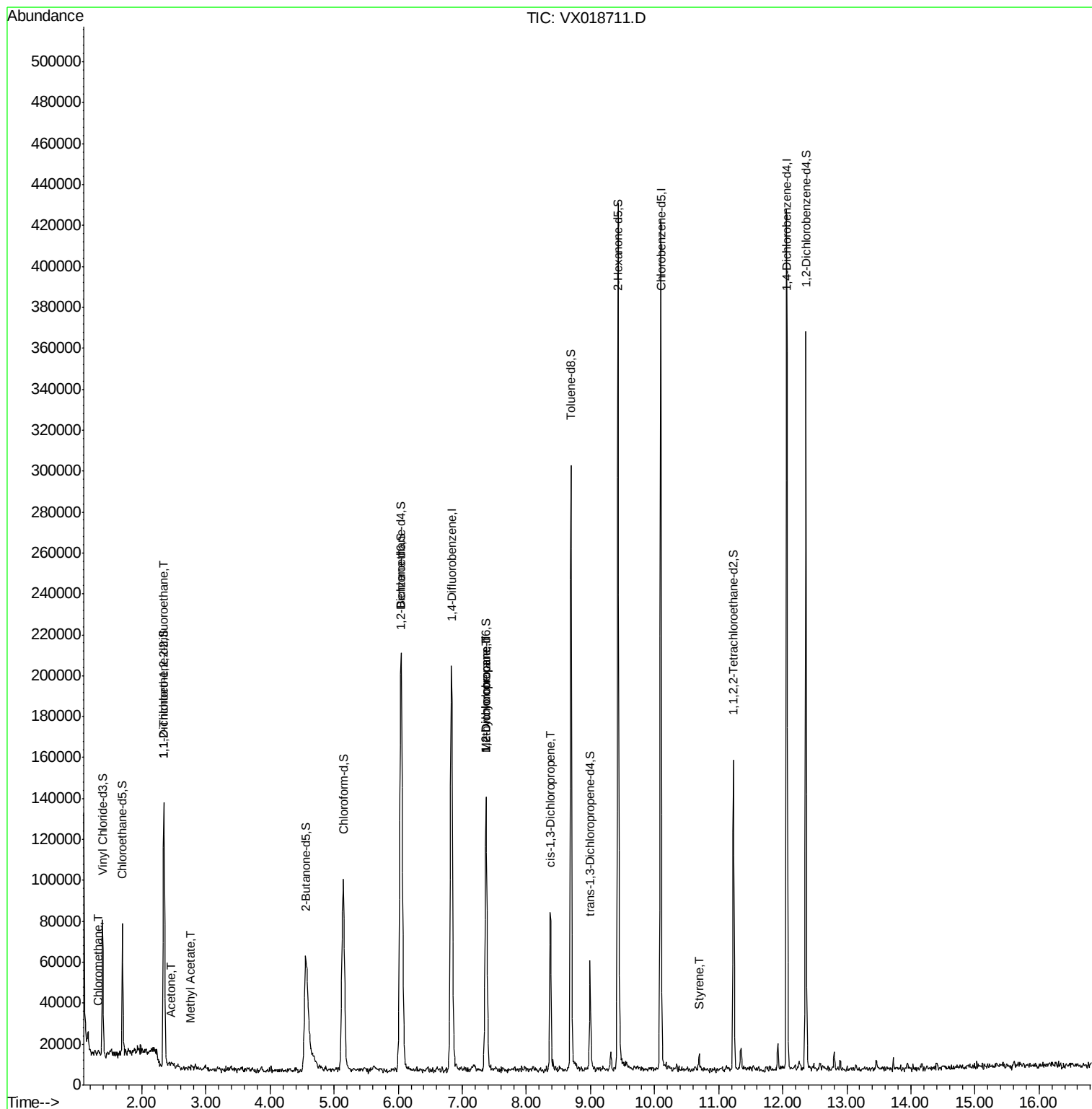
					Qvalue	
3) Chloromethane	1.31	50	814	0.085	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1068	0.111	ug/L #	24
13) Acetone	2.46	43	2303	1.674	ug/L	93
15) Methyl Acetate	2.75	43	309	0.081	ug/L #	69
35) Methylcyclohexane	7.37	83	16625	1.148	ug/L #	18
37) 1,2-Dichloropropane	7.37	63	8537	0.890	ug/L #	91
39) cis-1,3-Dichloropropene	8.37	75	2529	0.186	ug/L	83
57) Styrene	10.70	104	2265	0.090	ug/L #	73

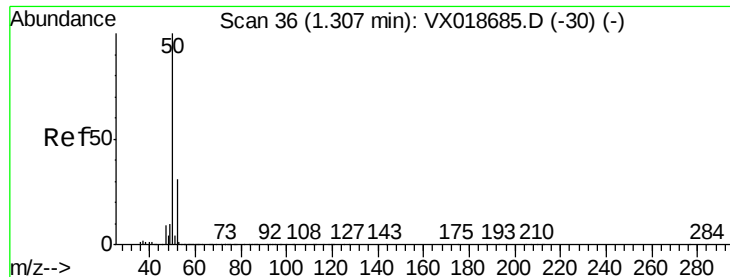
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.085 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018711.D

Acq: 30 Sep 2020 20:49

Instrument :

MSVOA_X

ClientSampled :

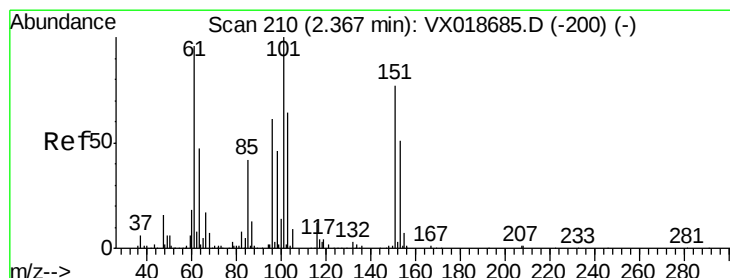
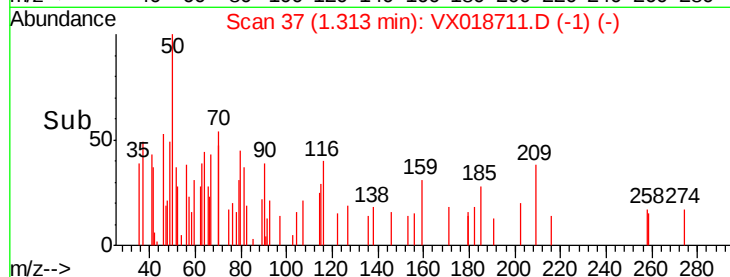
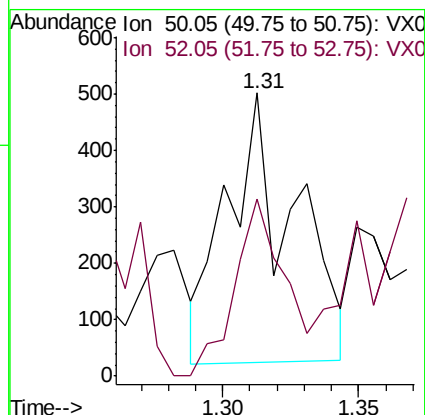
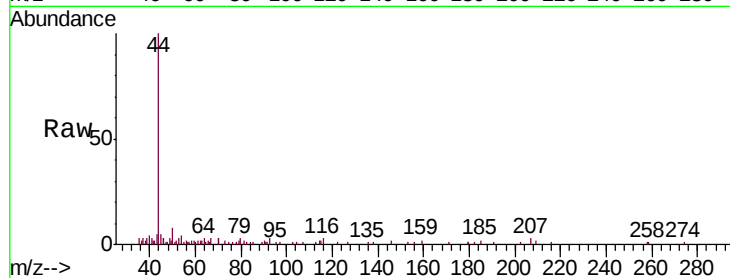
BG0D3

Tgt Ion: 50 Resp: 814

Ion Ratio Lower Upper

50 100

52 62.7 21.2 39.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.111 ug/L

RT: 2.34 min Scan# 205

Delta R.T. -0.03 min

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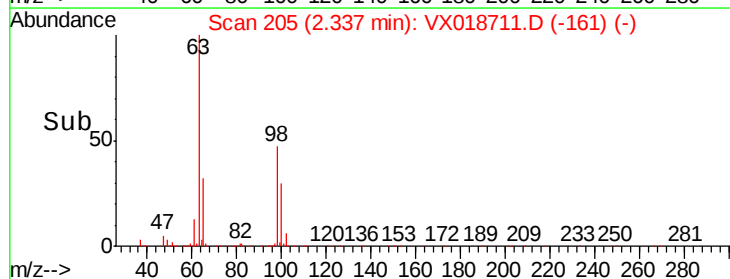
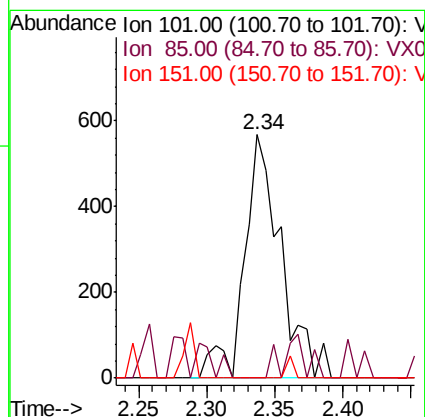
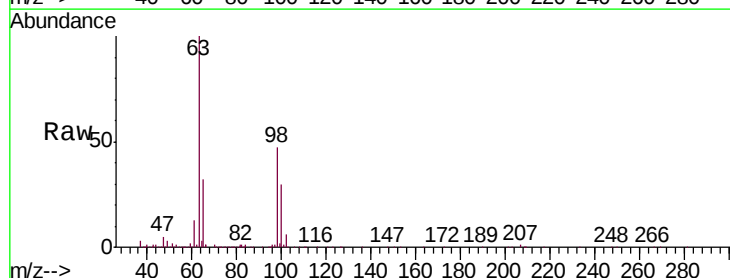
Tgt Ion: 101 Resp: 1068

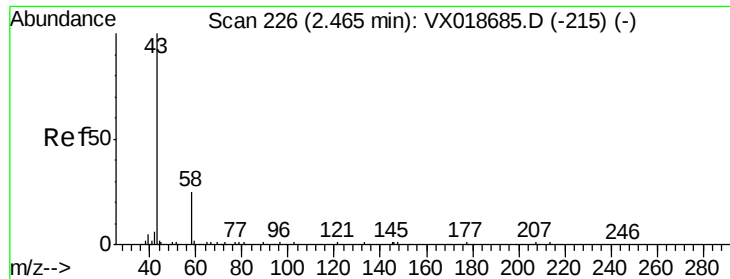
Ion Ratio Lower Upper

101 100

85 11.2 36.1 54.1#

151 1.8 65.5 98.3#





#13

Acetone

Concen: 1.674 ug/L

RT: 2.46 min Scan# 225

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampled :

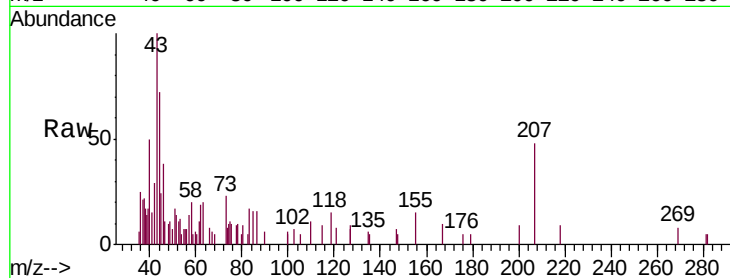
BG0D3

Tgt Ion: 43 Resp: 2303

Ion Ratio Lower Upper

43 100

58 34.9 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.46

1200

1000

800

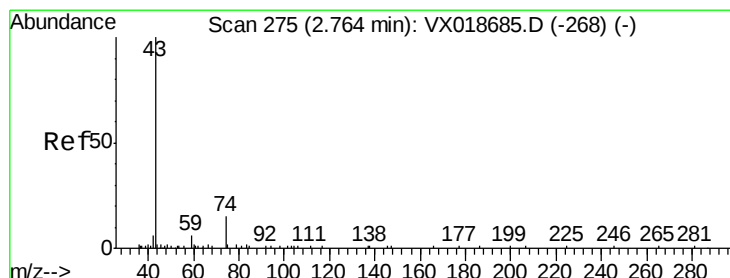
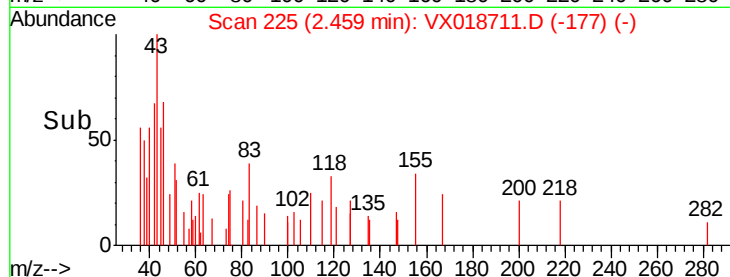
600

400

200

0

Time-->



#15

Methyl Acetate

Concen: 0.081 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018711.D

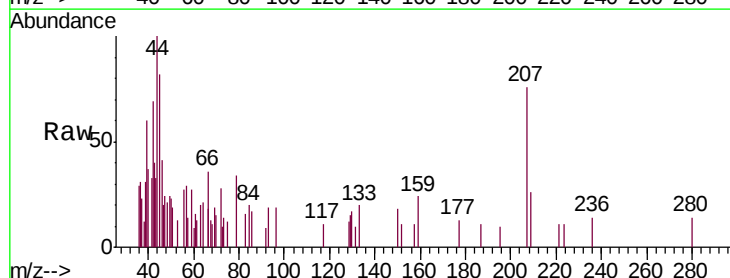
Acq: 30 Sep 2020 20:49

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

74 10.7 21.2 31.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

500

400

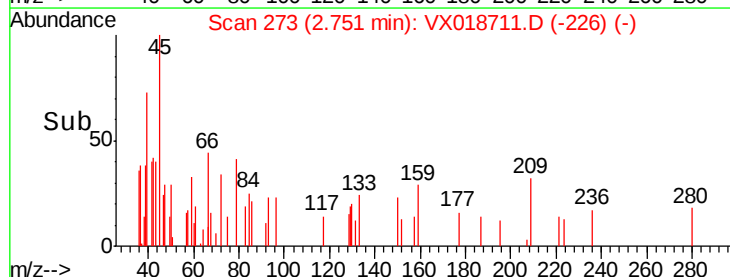
300

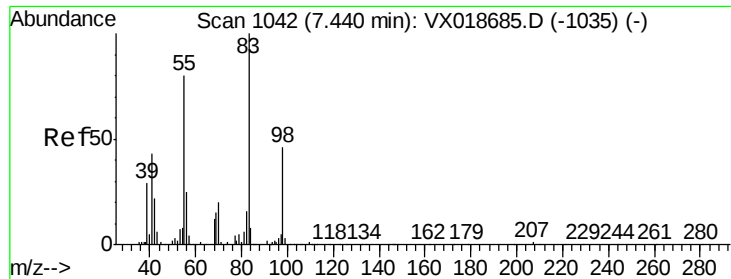
200

100

0

Time-->

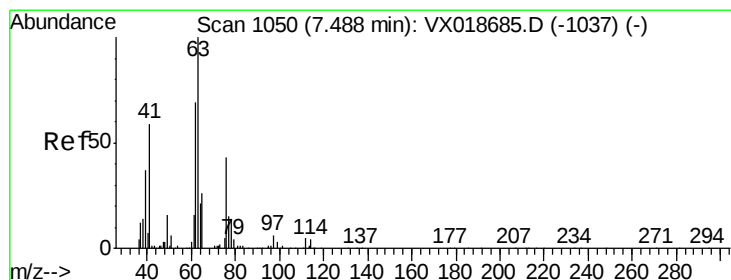
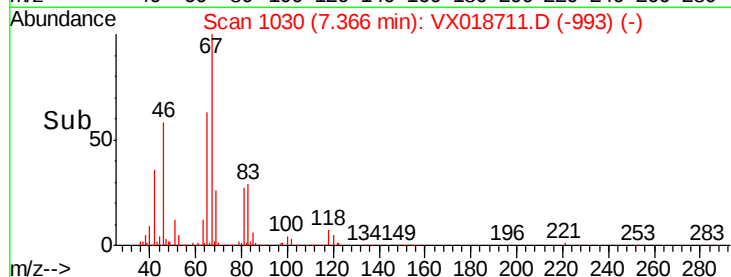
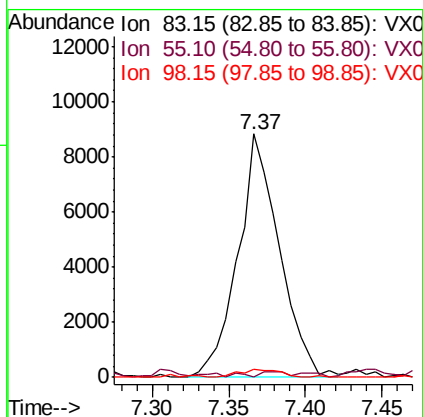
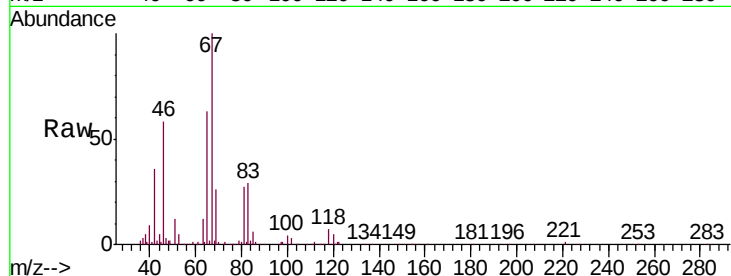




#35
Methylcyclohexane
Concen: 1.148 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018711.D
Acq: 30 Sep 2020 20:49

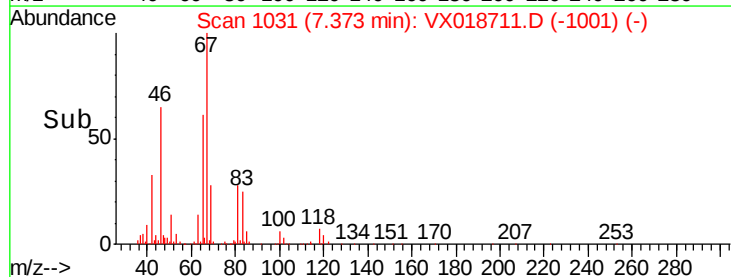
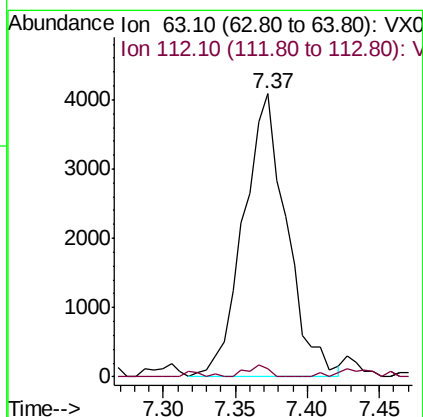
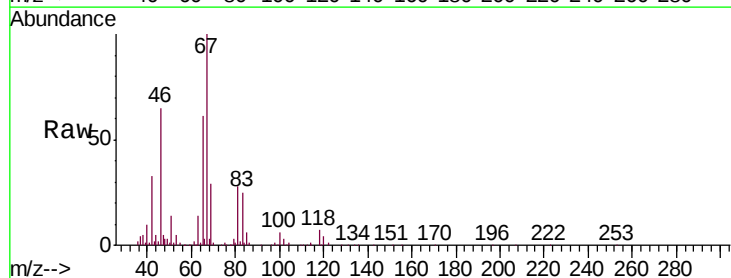
Instrument :
MSVOA_X
ClientSampleId :
BG0D3

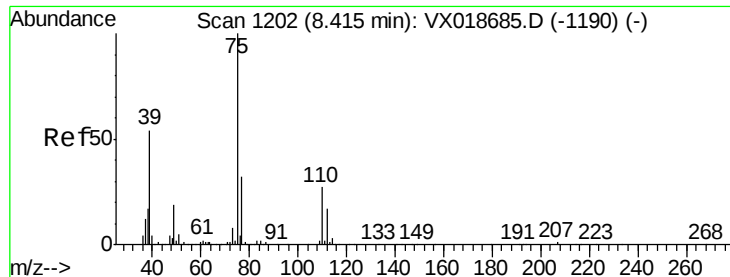
Tgt Ion	Ratio	Lower	Upper
83	100		
55	2.1	67.4	101.0#
98	3.2	41.1	61.7#



#37
1,2-Dichloropropane
Concen: 0.890 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018711.D
Acq: 30 Sep 2020 20:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.0	4.1	6.1#



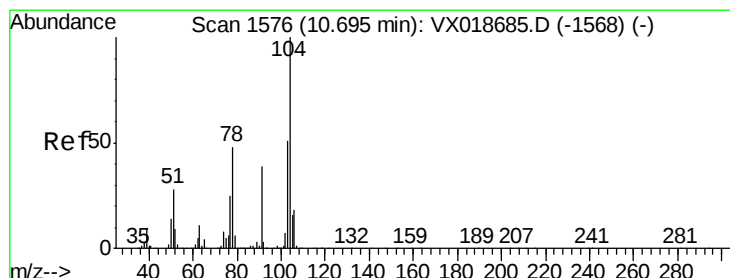
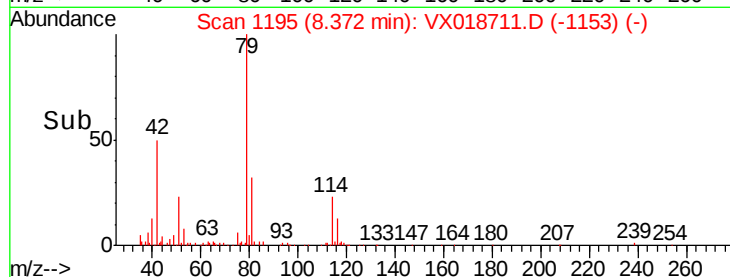
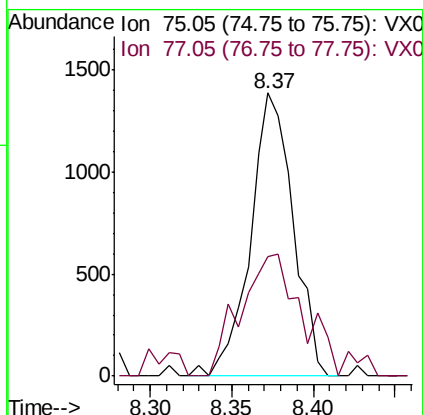
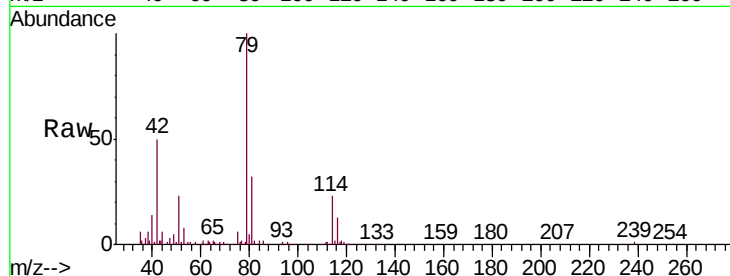


#39

cis-1,3-Dichloropropene
Concen: 0.186 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018711.D
Acq: 30 Sep 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
BG0D3

Tgt Ion: 75 Resp: 2529
Ion Ratio Lower Upper
75 100
77 42.3 23.0 42.8



#57

Styrene
Concen: 0.090 ug/L
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX018711.D
Acq: 30 Sep 2020 20:49

Tgt Ion: 104 Resp: 2265
Ion Ratio Lower Upper
104 100
78 66.0 33.3 61.9#

