

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018689.D
 Acq On : 30 Sep 2020 10:39
 Operator : JC/SP
 Sample : L4143-13DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:07:55 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	221959	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	216932	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	94388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46696	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.70	69	43922	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.34	63	87000	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.57	46	171457	57.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.78%
24) Chloroform-d	5.14	84	130132	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	6.04	65	75170	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.04	84	224806	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	7.37	67	71917	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	8.70	98	201285	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
45) trans-1,3-Dichloropropene-	8.99	79	29713	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	9.43	63	124773	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	57388	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	77721	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

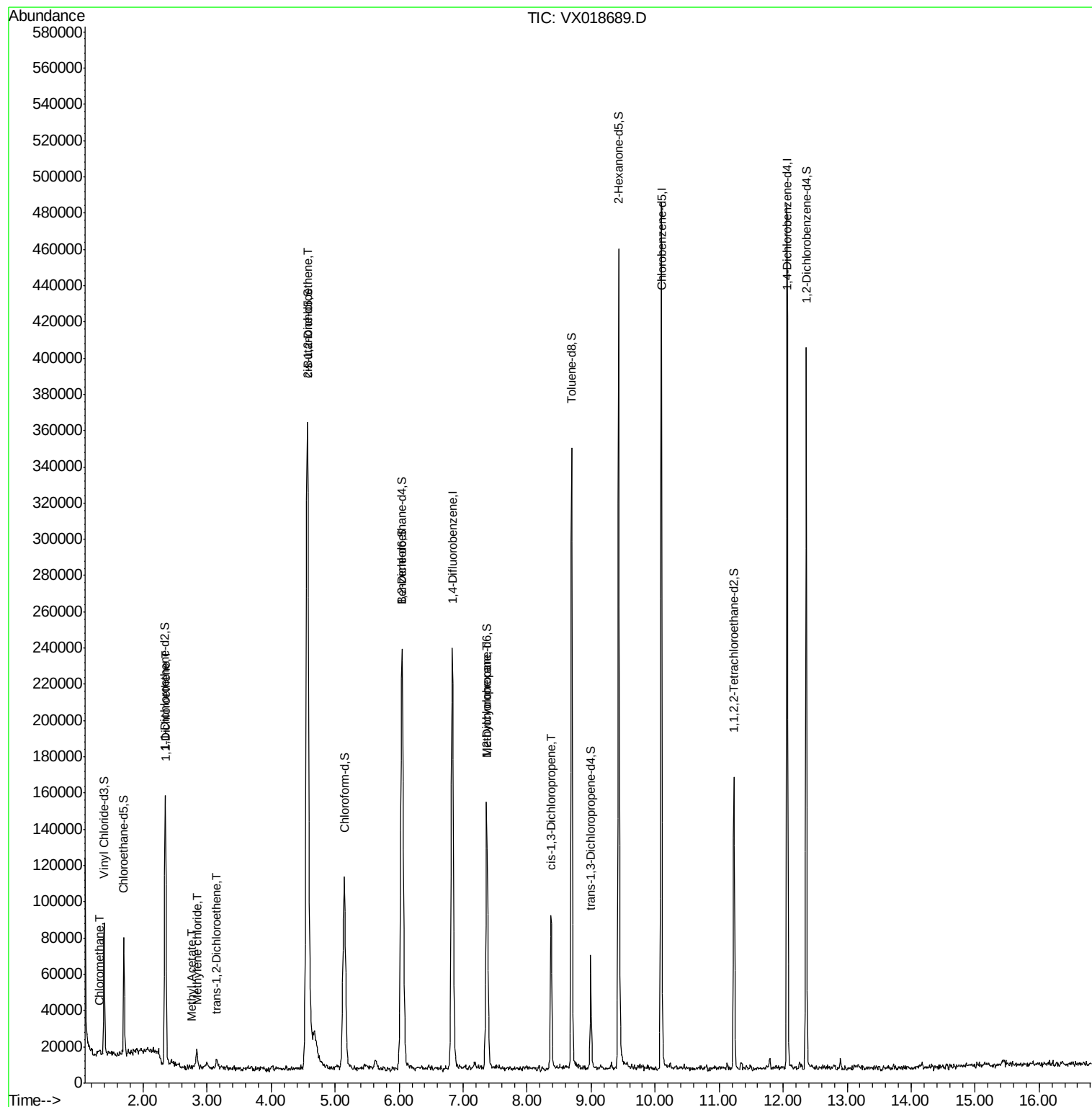
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	1166	0.102	ug/L #	66
12) 1,1-Dichloroethene	2.36	96	1401	0.129	ug/L #	1
15) Methyl Acetate	2.76	43	786	0.173	ug/L #	63
16) Methylene chloride	2.83	84	4293	0.290	ug/L	85
18) trans-1,2-Dichloroethene	3.14	96	2622	0.242	ug/L	90
22) cis-1,2-Dichloroethene	4.57	96	188617	16.689	ug/L #	91
35) Methylcyclohexane	7.37	83	19790	1.176	ug/L #	17
39) cis-1,3-Dichloropropene	8.37	75	2520	0.159	ug/L	86

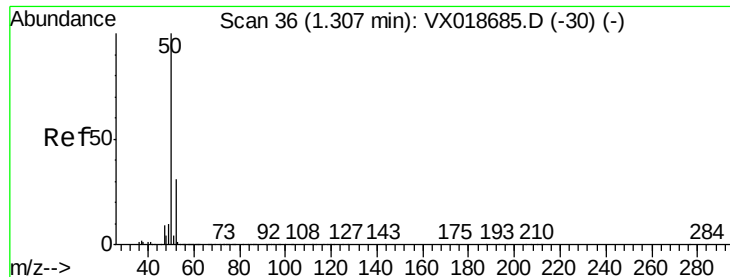
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Method : Z:\V0ASRV\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

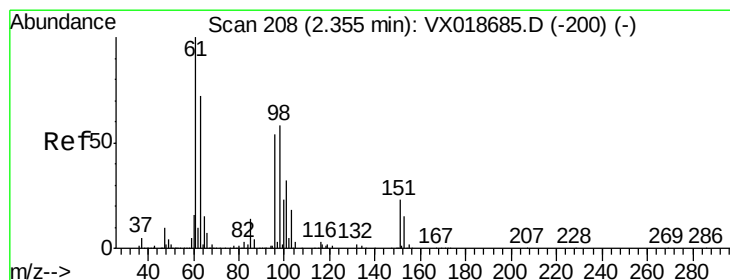
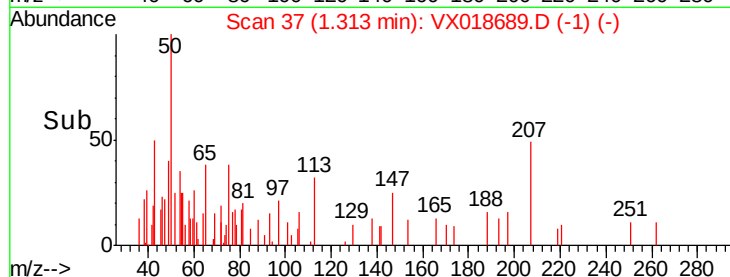
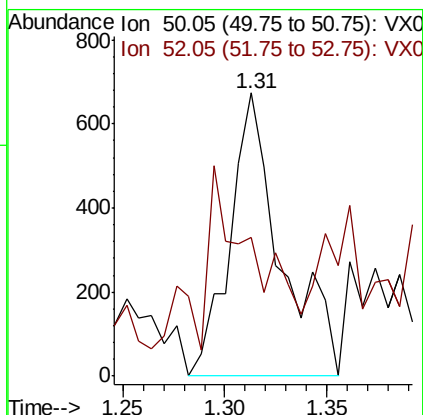
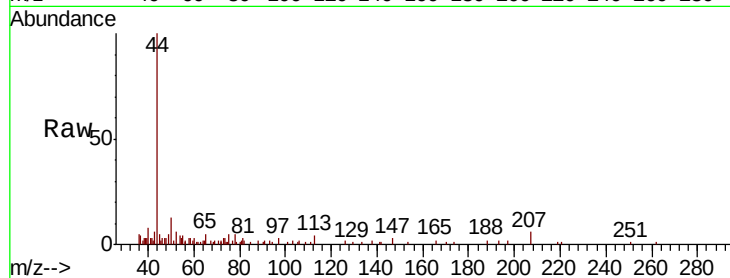




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

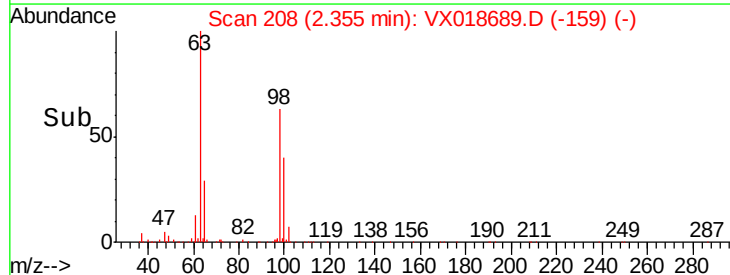
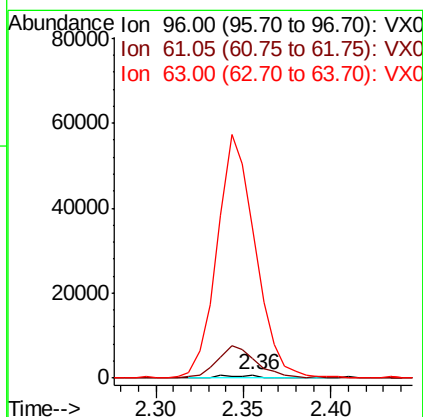
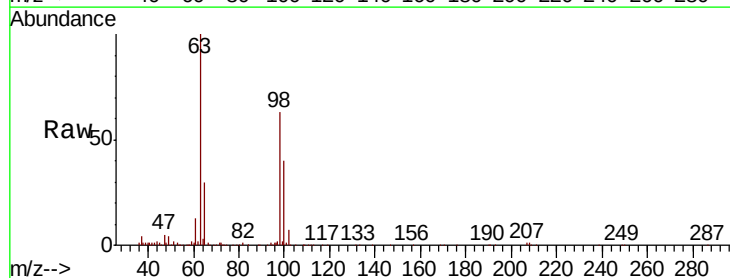
Instrument :
MSVOA_X
ClientSampled :

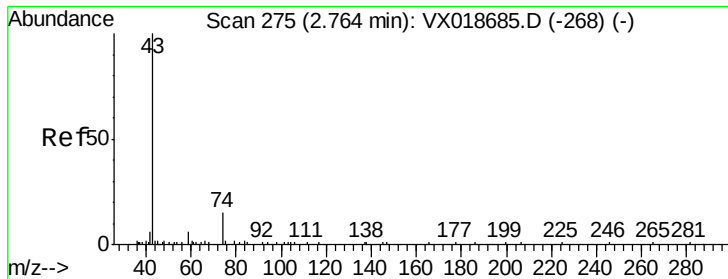
Tot Ion: 50 Resp: 1166
Ion Ratio Lower Upper
50 100
52 48.9 21.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.129 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 96 Resp: 1401
Ion Ratio Lower Upper
96 100
61 550.5 123.8 229.8#
63 4200.5 104.7 194.4#

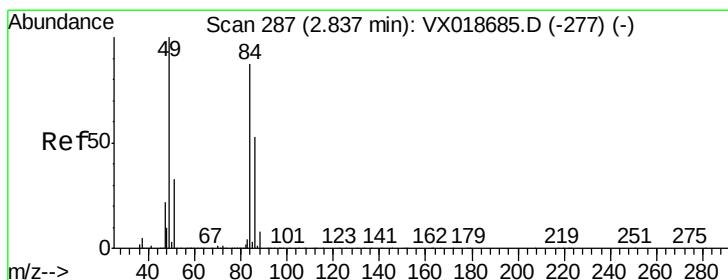
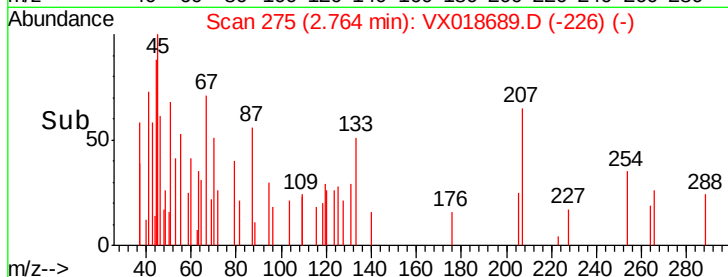
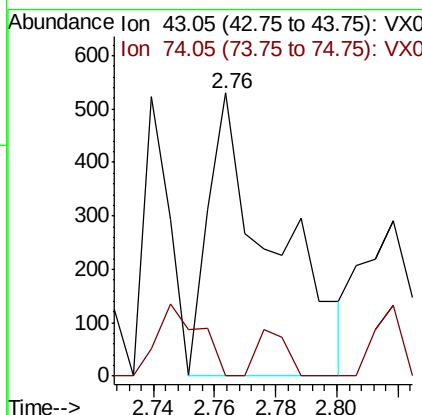
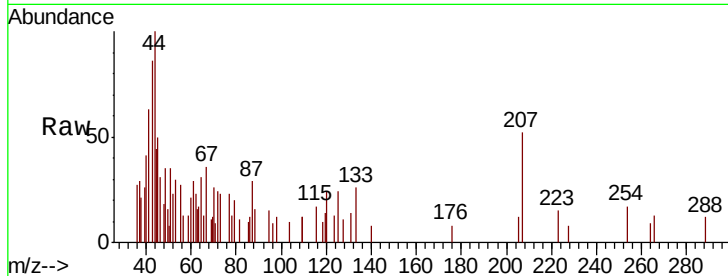




#15
Methyl Acetate
Concen: 0.173 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

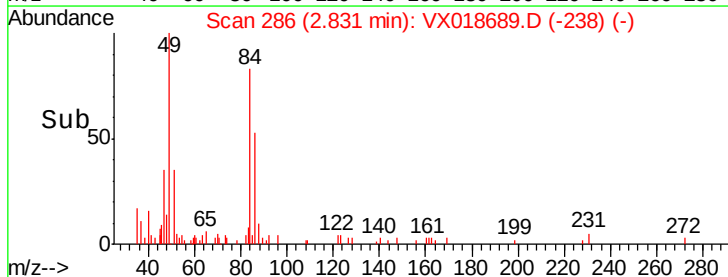
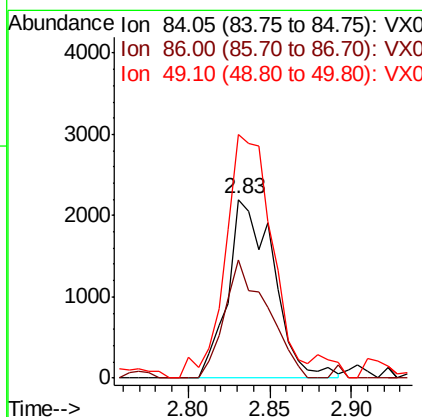
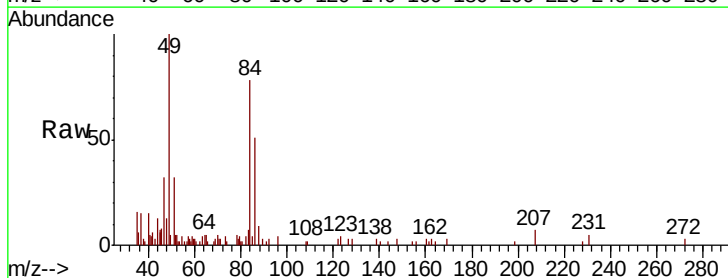
Instrument :
MSVOA_X
ClientSampleId :

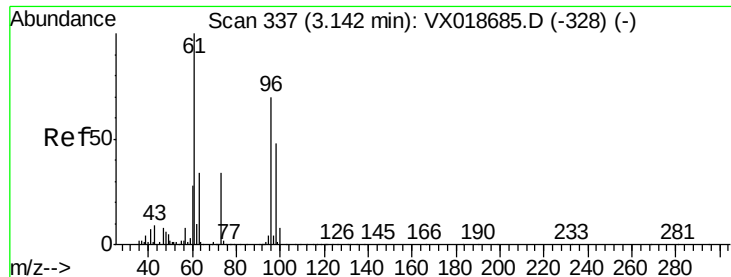
Tot Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 7.4 21.2 31.8#



#16
Methylene chloride
Concen: 0.290 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 84 Resp: 4293
Ion Ratio Lower Upper
84 100
86 66.3 41.9 77.7
49 136.1 80.8 150.2





#18

trans-1,2-Dichloroethene

Concen: 0.242 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018689.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_X

ClientSampled :

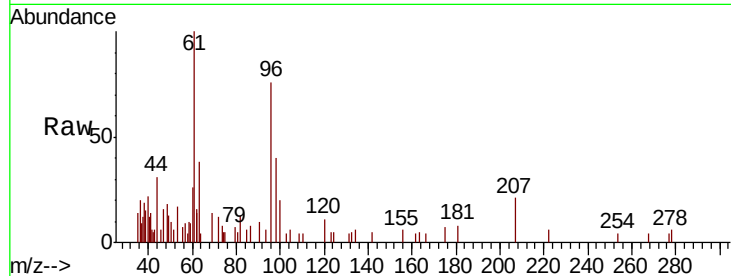
Tot Ion: 96 Resp: 2622

Ion Ratio Lower Upper

96 100

61 131.3 97.3 180.7

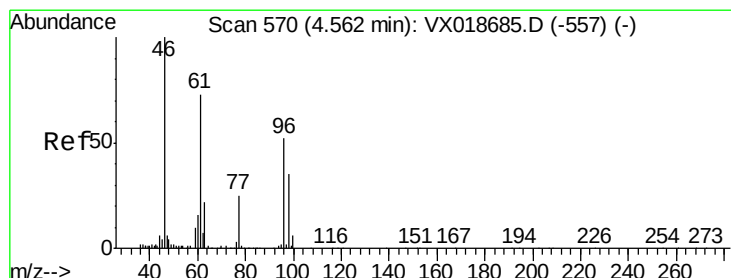
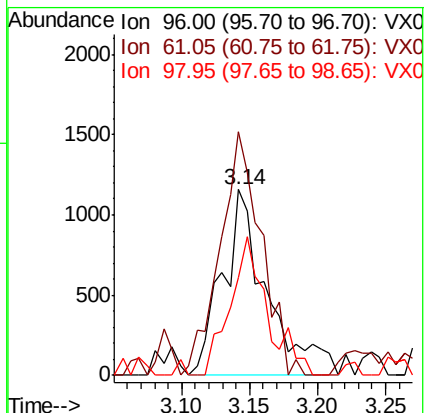
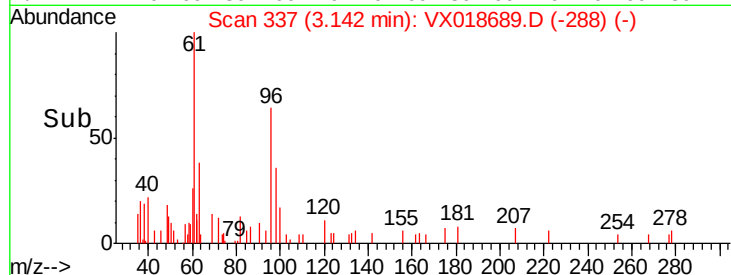
98 52.9 46.6 86.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#22

cis-1,2-Dichloroethene

Concen: 16.689 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018689.D

Acq: 30 Sep 2020 10:39

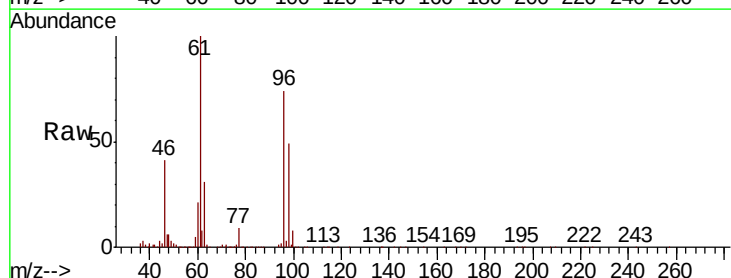
Tgt Ion: 96 Resp: 188617

Ion Ratio Lower Upper

96 100

61 135.4 87.7 162.9

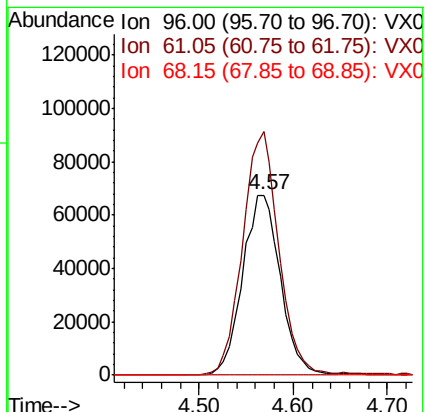
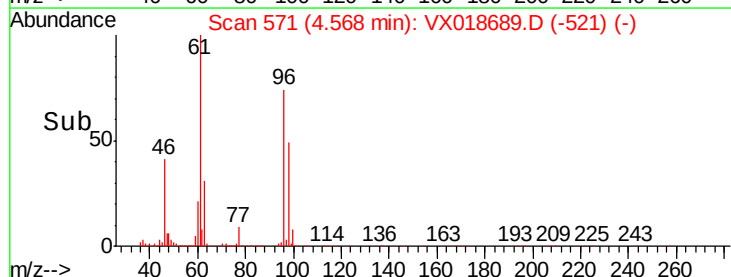
68 0.1 0.3 0.7#

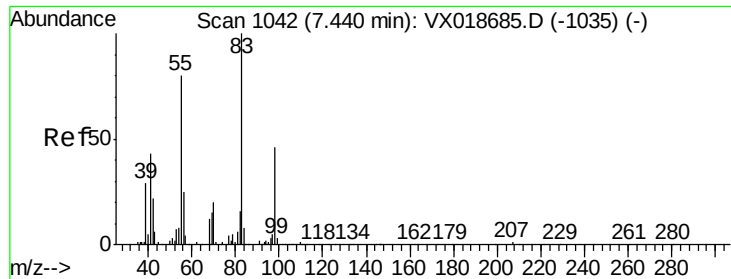


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0

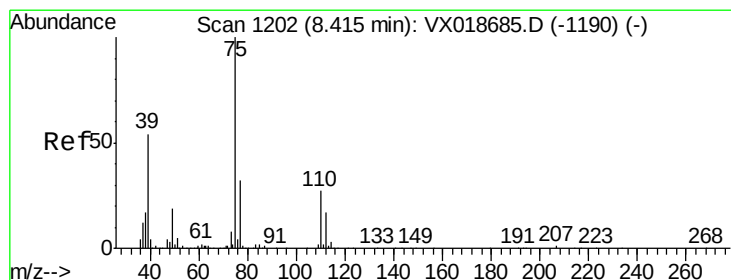
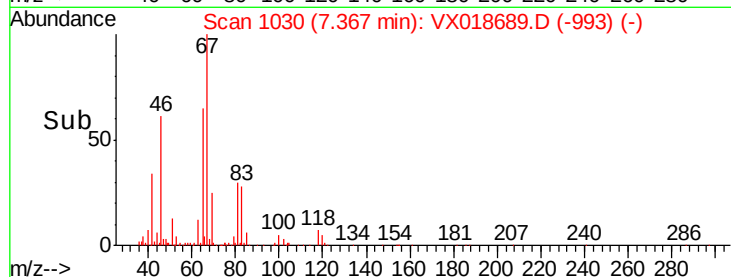
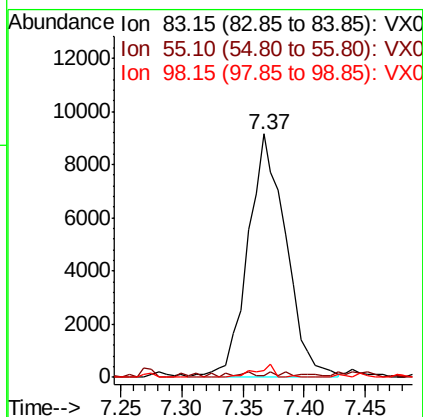
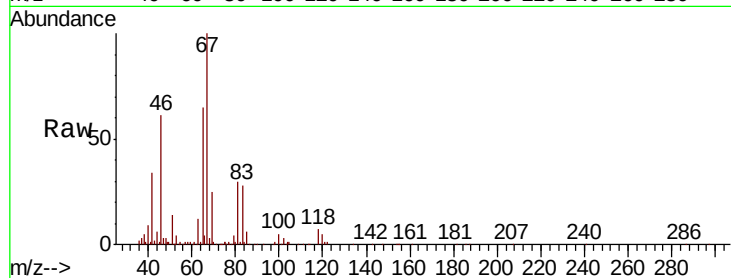




#35
Methylvlcyclohexane
Concen: 1.176 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 19790
Ion Ratio Lower Upper
83 100
55 1.4 67.4 101.0#
98 2.5 41.1 61.7#



#39
cis-1,3-Dichloropropene
Concen: 0.159 ug/L
RT: 8.37 min Scan# 1194
Delta R.T. -0.05 min
Lab File: VX018689.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 75 Resp: 2520
Ion Ratio Lower Upper
75 100
77 40.5 23.0 42.8

