

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018649.D
 Acq On : 29 Sep 2020 11:48
 Operator : JC/SP
 Sample : L4135-11
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:55:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	277616	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	258879	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	123230	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63655	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.70	69	56012	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.34	63	119037	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.56	46	195953	52.90	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	5.14	84	164853	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	6.04	65	90430	4.51	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	6.04	84	298141	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	7.37	67	94129	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	278315	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	8.99	79	39329	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
48) 2-Hexanone-d5	9.43	63	156575	53.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.98%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	70279	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	103346	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

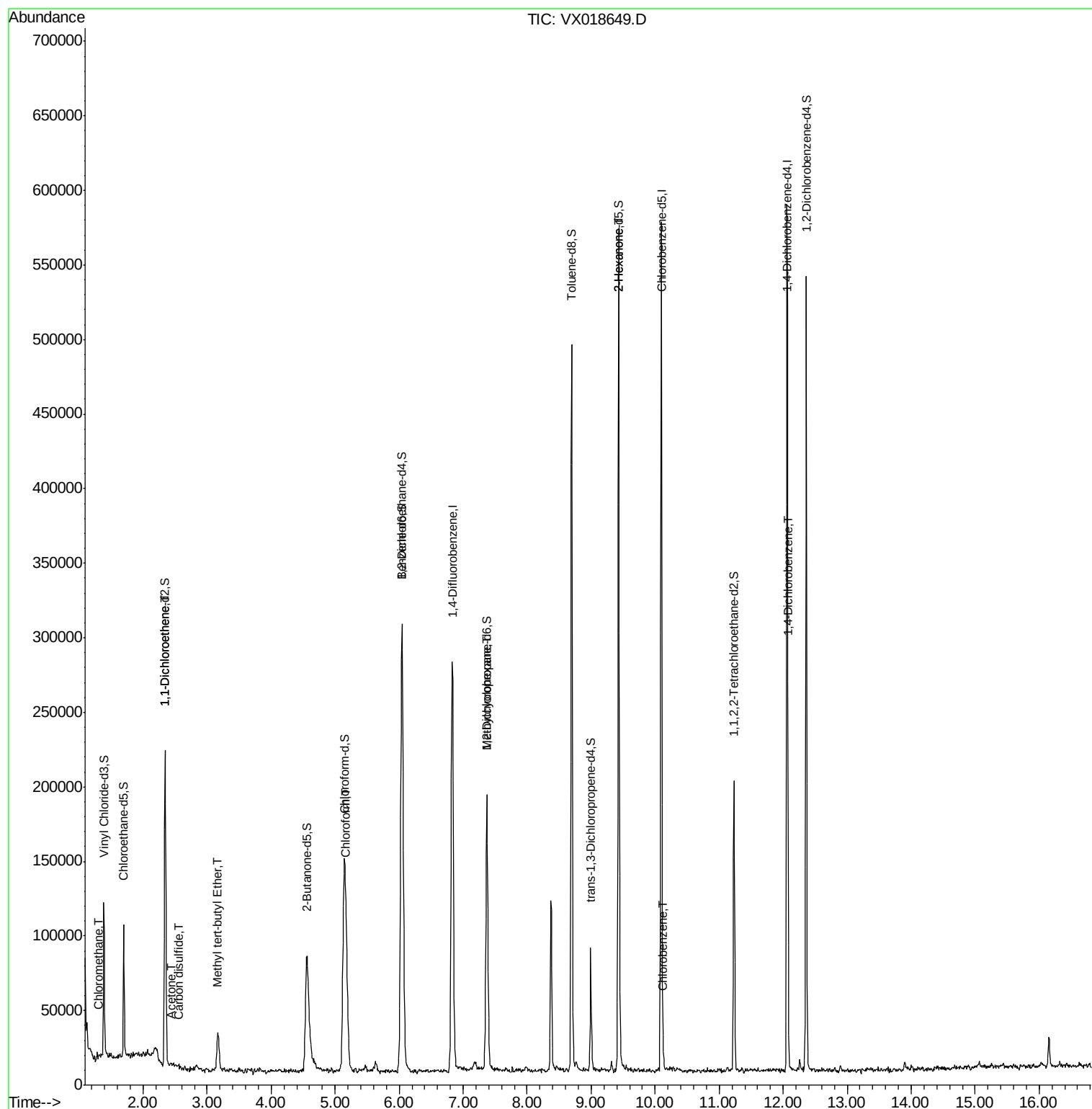
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	2436	0.170	ug/L #	69
12) 1,1-Dichloroethene	2.35	96	1972	0.145	ug/L #	1
13) Acetone	2.44	43	1404	0.685	ug/L	80
14) Carbon disulfide	2.55	76	3304	0.080	ug/L #	76
17) Methyl tert-butyl Ether	3.17	73	31732	1.052	ug/L	99
25) Chloroform	5.17	83	86542	3.259	ug/L	98
35) Methylcyclohexane	7.37	83	23624	1.176	ug/L #	16
50) 2-Hexanone	9.43	43	20212	3.868	ug/L #	68
53) Chlorobenzene	10.13	112	3786	0.106	ug/L #	82
64) 1,4-Dichlorobenzene	12.08	146	2152	0.080	ug/L #	78

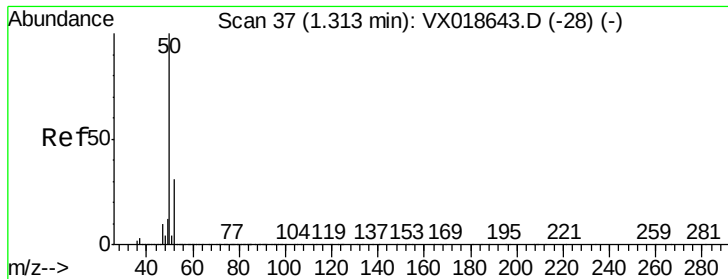
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018649.D

Acq: 29 Sep 2020 11:48

Instrument :

MSVOA_X

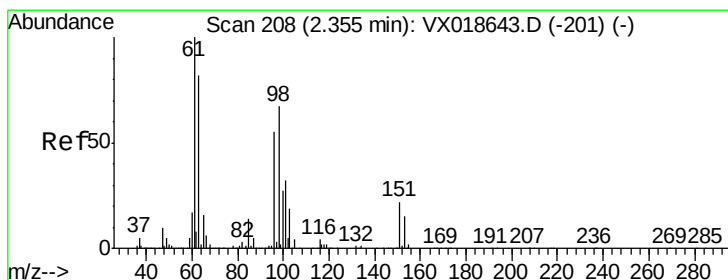
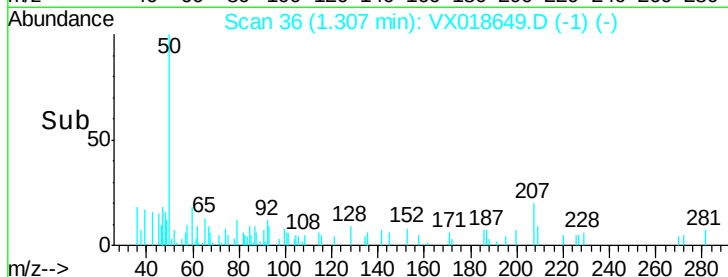
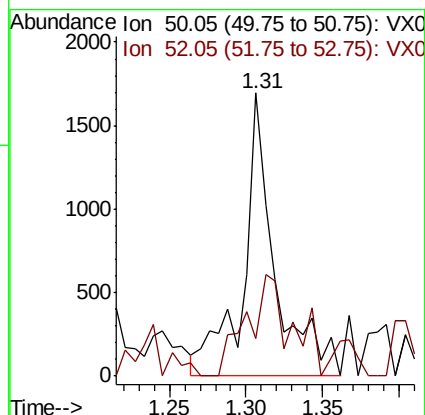
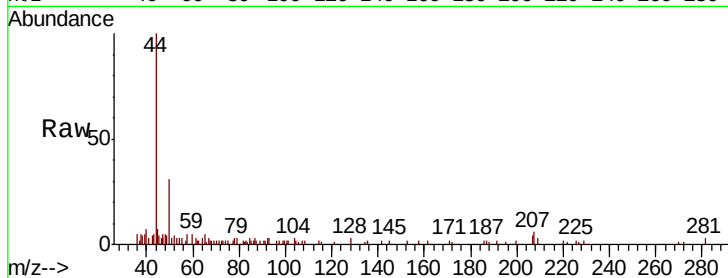
ClientSampleId :

Tot Ion: 50 Resp: 2436

Ion Ratio Lower Upper

50 100

52 13.5 21.2 39.4#



#12

1,1-Dichloroethene

Concen: 0.145 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018649.D

Acq: 29 Sep 2020 11:48

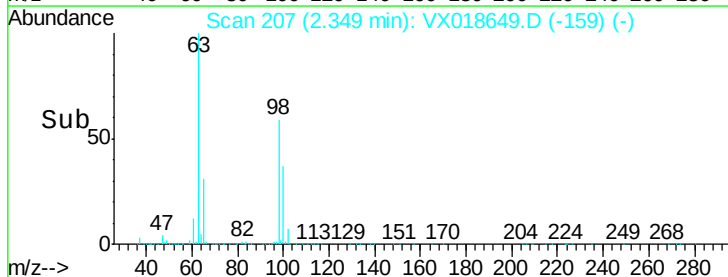
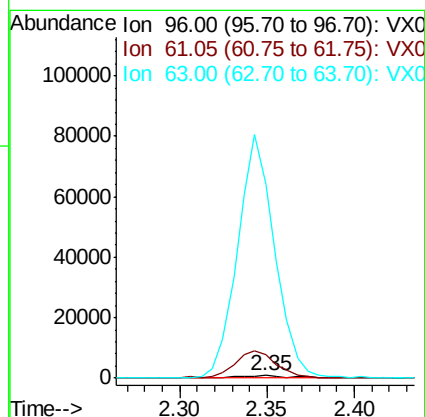
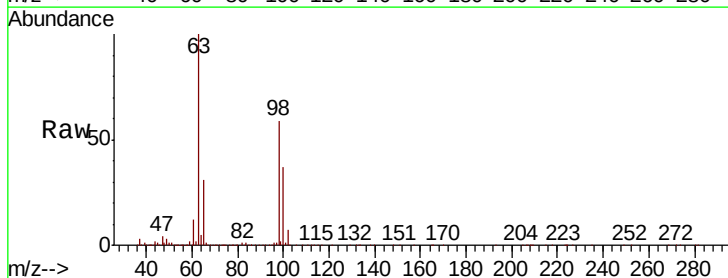
Tgt Ion: 96 Resp: 1972

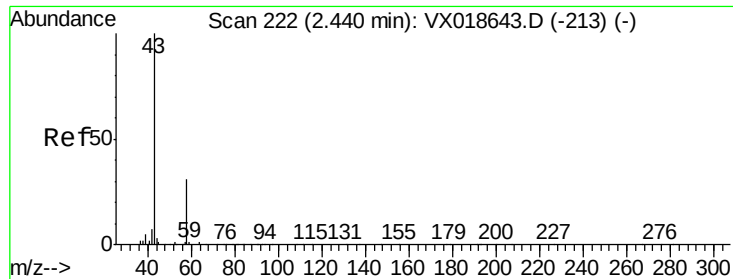
Ion Ratio Lower Upper

96 100

61 809.5 123.8 229.8#

63 6669.4 104.7 194.4#





#13

Acetone

Concen: 0.685 ug/L

RT: 2.44 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX018649.D

Acq: 29 Sep 2020 11:48

Instrument :

MSVOA_X

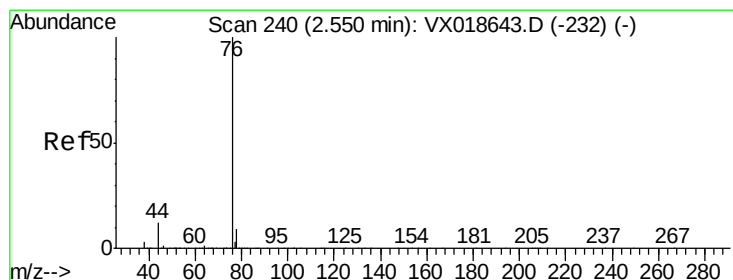
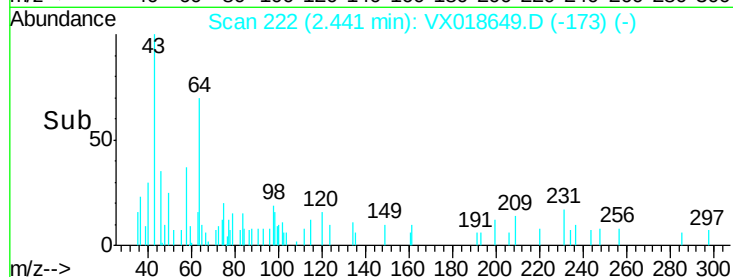
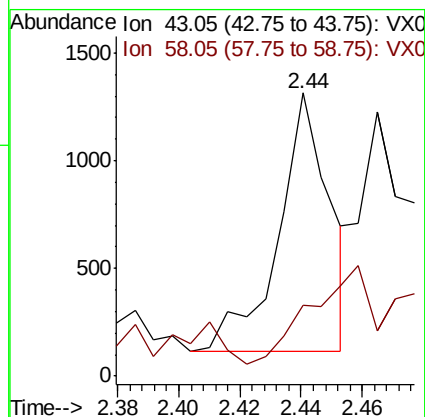
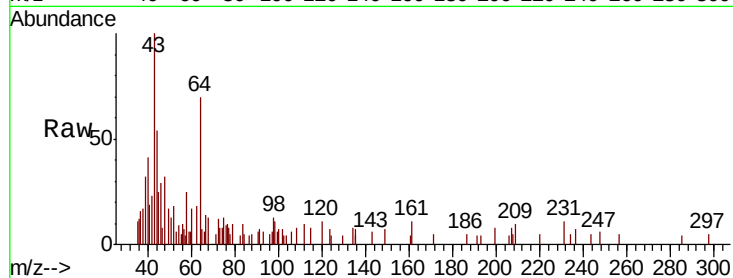
ClientSampleId :

Tot Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 19.9 0.0 61.6



#14

Carbon disulfide

Concen: 0.080 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018649.D

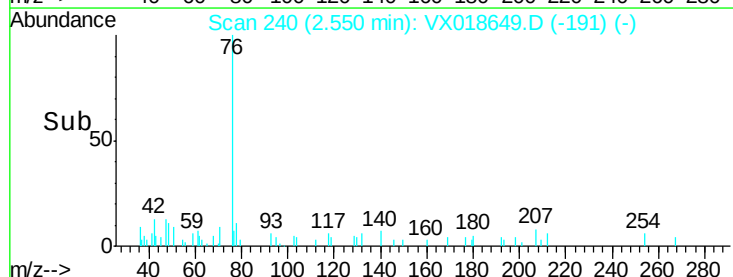
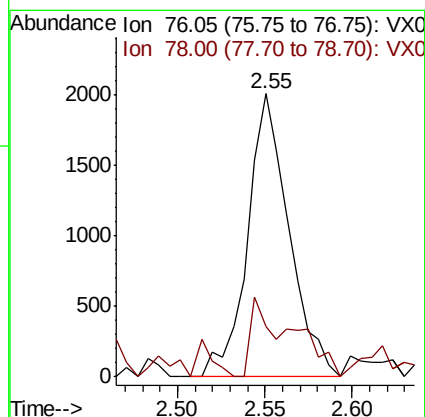
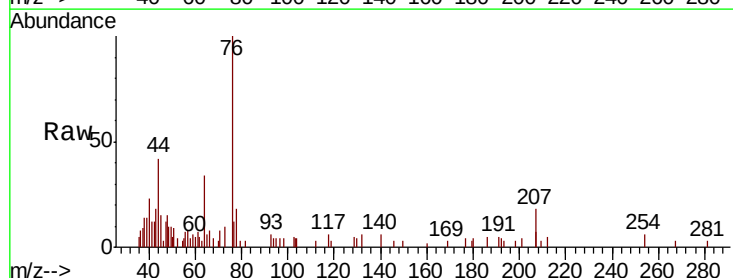
Acq: 29 Sep 2020 11:48

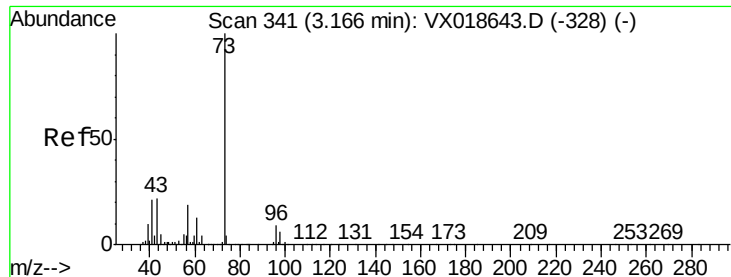
Tgt Ion: 76 Resp: 3304

Ion Ratio Lower Upper

76 100

78 18.0 7.4 11.0#

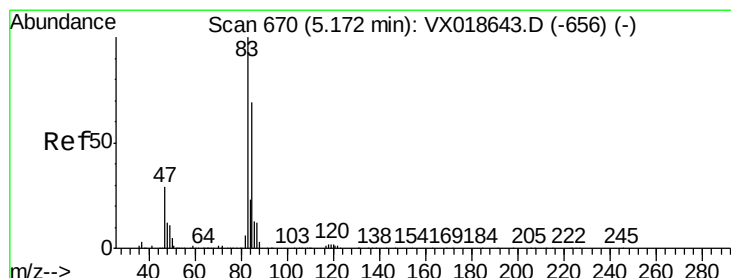
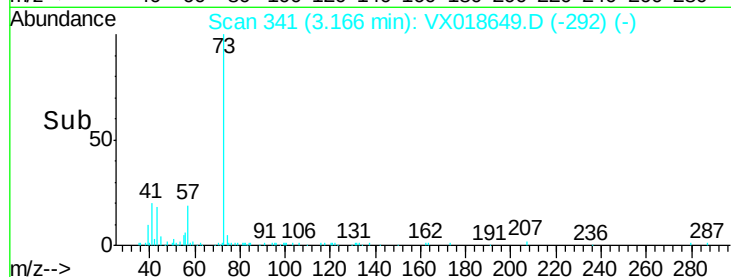
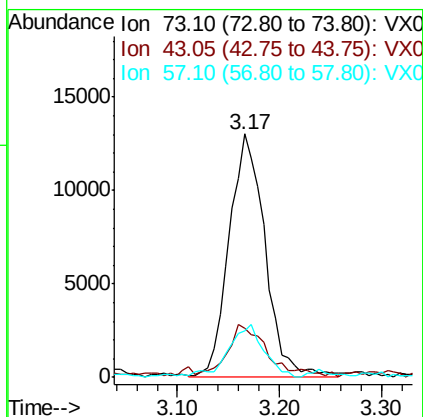
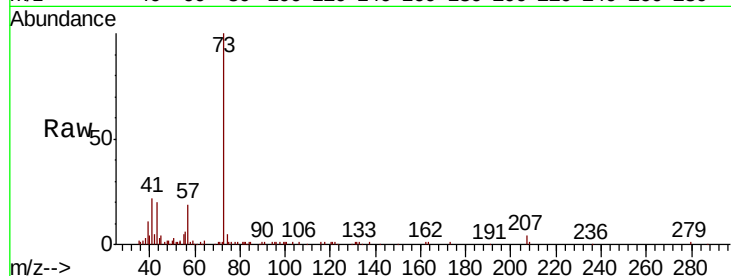




#17
Methyl tert-butyl Ether
Concen: 1.052 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018649.D
Acq: 29 Sep 2020 11:48

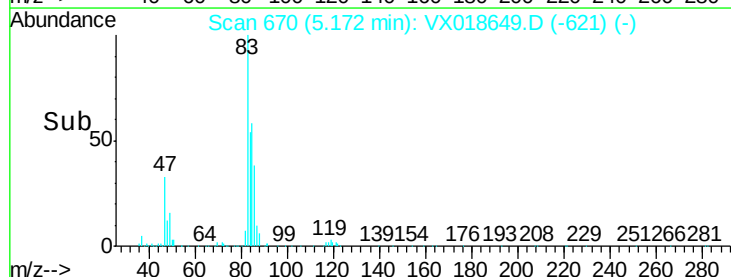
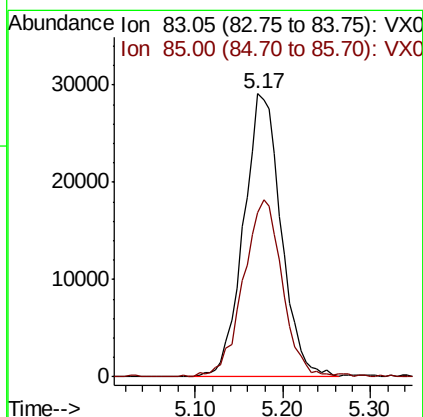
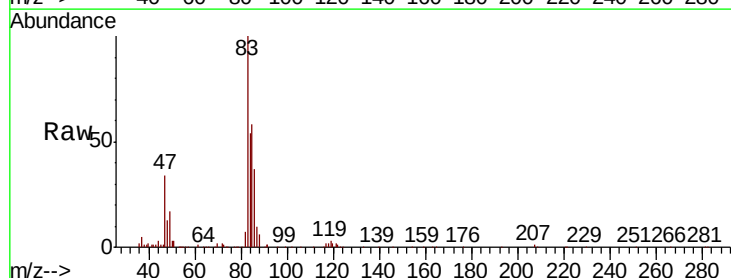
Instrument :
MSVOA_X
ClientSampleId :

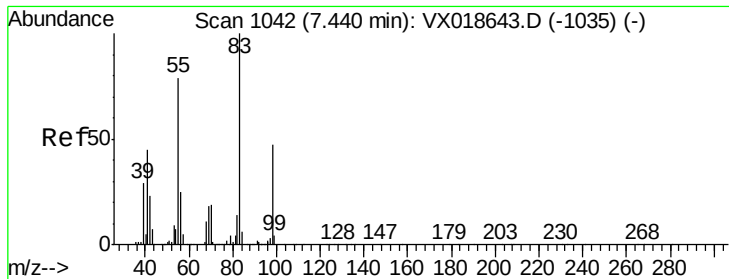
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.2	18.6	27.8
57	21.4	17.3	25.9



#25
Chloroform
Concen: 3.259 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX018649.D
Acq: 29 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.3	41.8	77.6

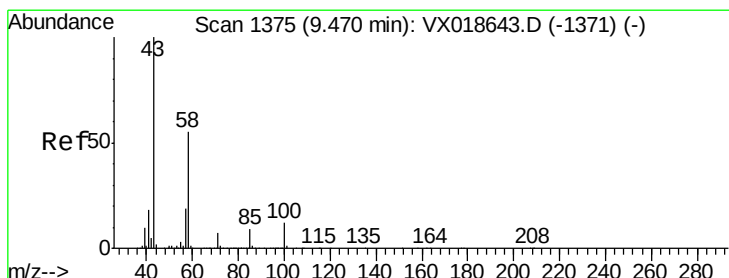
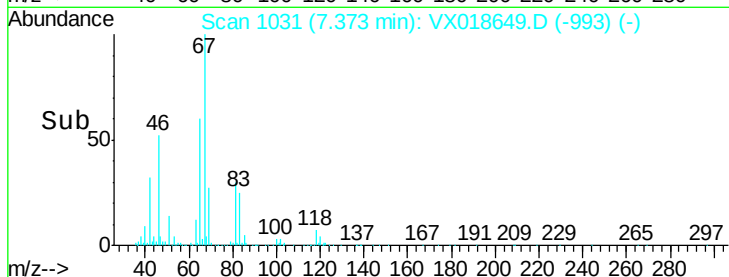
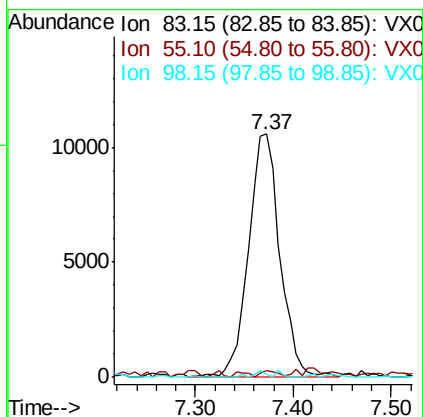
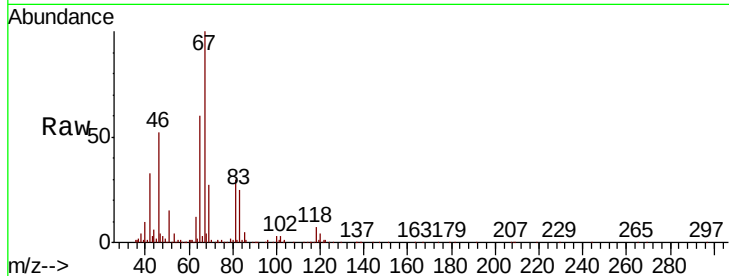




#35
Methylvlcyclohexane
Concen: 1.176 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018649.D
Acq: 29 Sep 2020 11:48

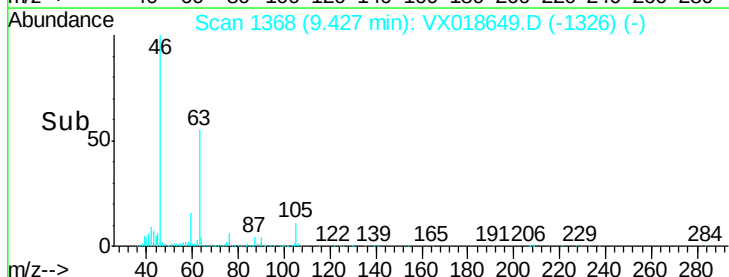
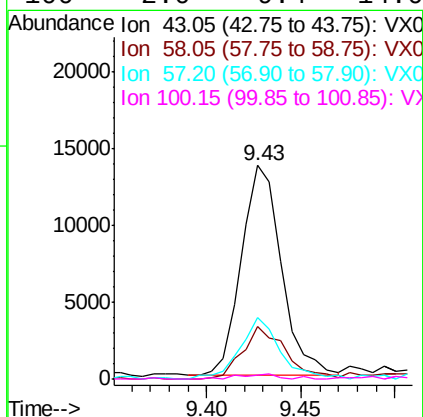
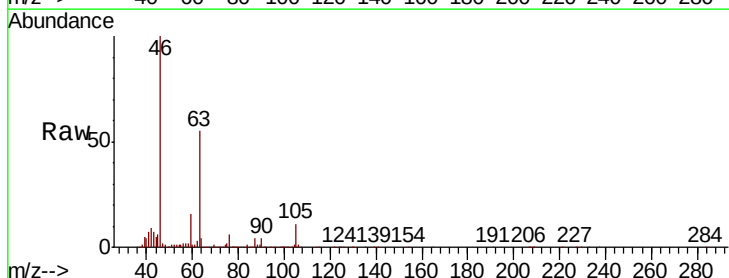
Instrument :
MSVOA_X
ClientSampled :

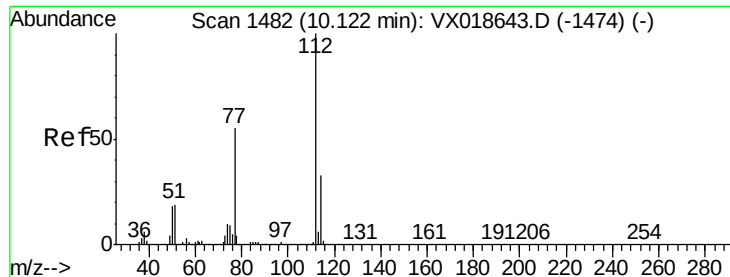
Tot Ion: 83 Resp: 23624
Ion Ratio Lower Upper
83 100
55 1.6 67.4 101.0#
98 1.1 41.1 61.7#



#50
2-Hexanone
Concen: 3.868 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018649.D
Acq: 29 Sep 2020 11:48

Tgt Ion: 43 Resp: 20212
Ion Ratio Lower Upper
43 100
58 26.7 42.5 63.7#
57 29.3 15.9 23.9#
100 2.0 9.4 14.0#





#53

Chlorobenzene

Concen: 0.106 ug/L

RT: 10.13 min Scan# 1483

Delta R.T. 0.01 min

Lab File: VX018649.D

Acq: 29 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

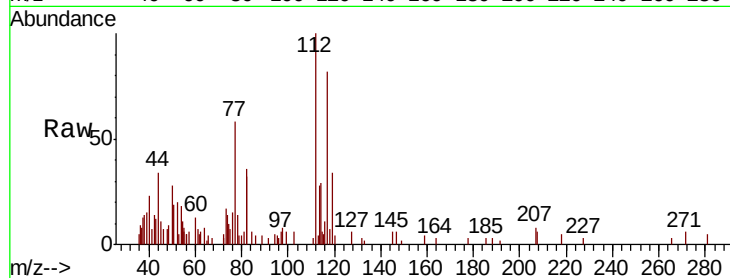
Tot Ion:112 Resp: 3786

Ion Ratio Lower Upper

112 100

114 57.0 20.6 38.4#

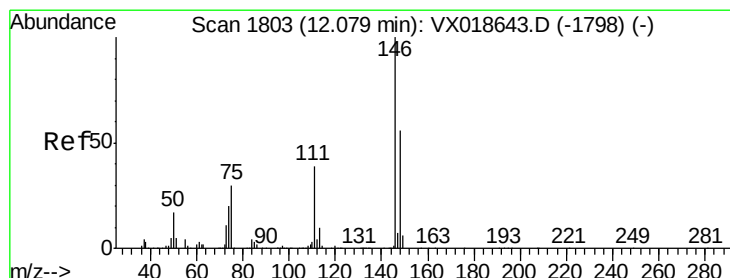
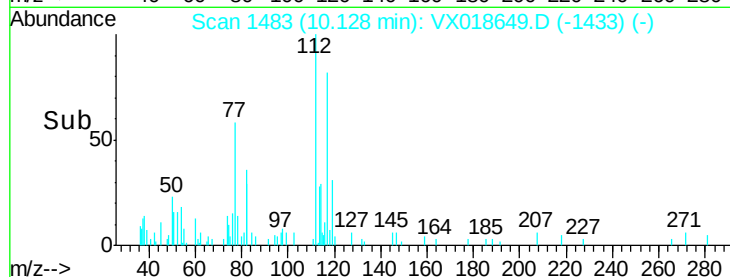
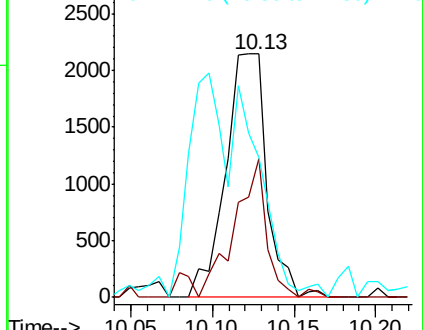
77 57.5 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#64

1,4-Dichlorobenzene

Concen: 0.080 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018649.D

Acq: 29 Sep 2020 11:48

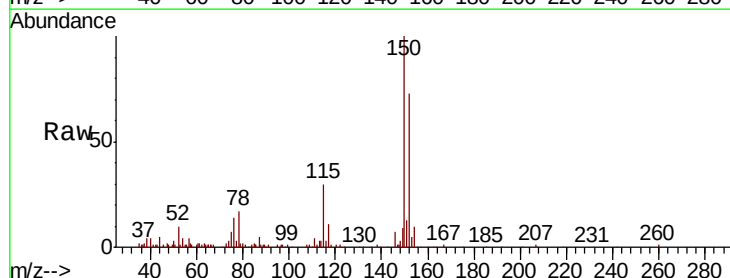
Tgt Ion:146 Resp: 2152

Ion Ratio Lower Upper

146 100

111 50.9 28.8 53.4

148 43.9 44.9 83.3#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

