

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018629.D
 Acq On : 28 Sep 2020 20:56
 Operator : JC/SP
 Sample : L4135-09
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG485

Quant Time: Sep 29 02:40:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	278848	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	260595	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63719	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.70	69	56886	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.34	63	116015	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.55	46	185055	49.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.14	84	158465	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	6.03	65	86892	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	6.05	84	293259	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	7.37	67	91898	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	8.70	98	273340	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
45) trans-1,3-Dichloropropene-	8.99	79	37762	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	9.43	63	149196	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	64144	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	100066	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

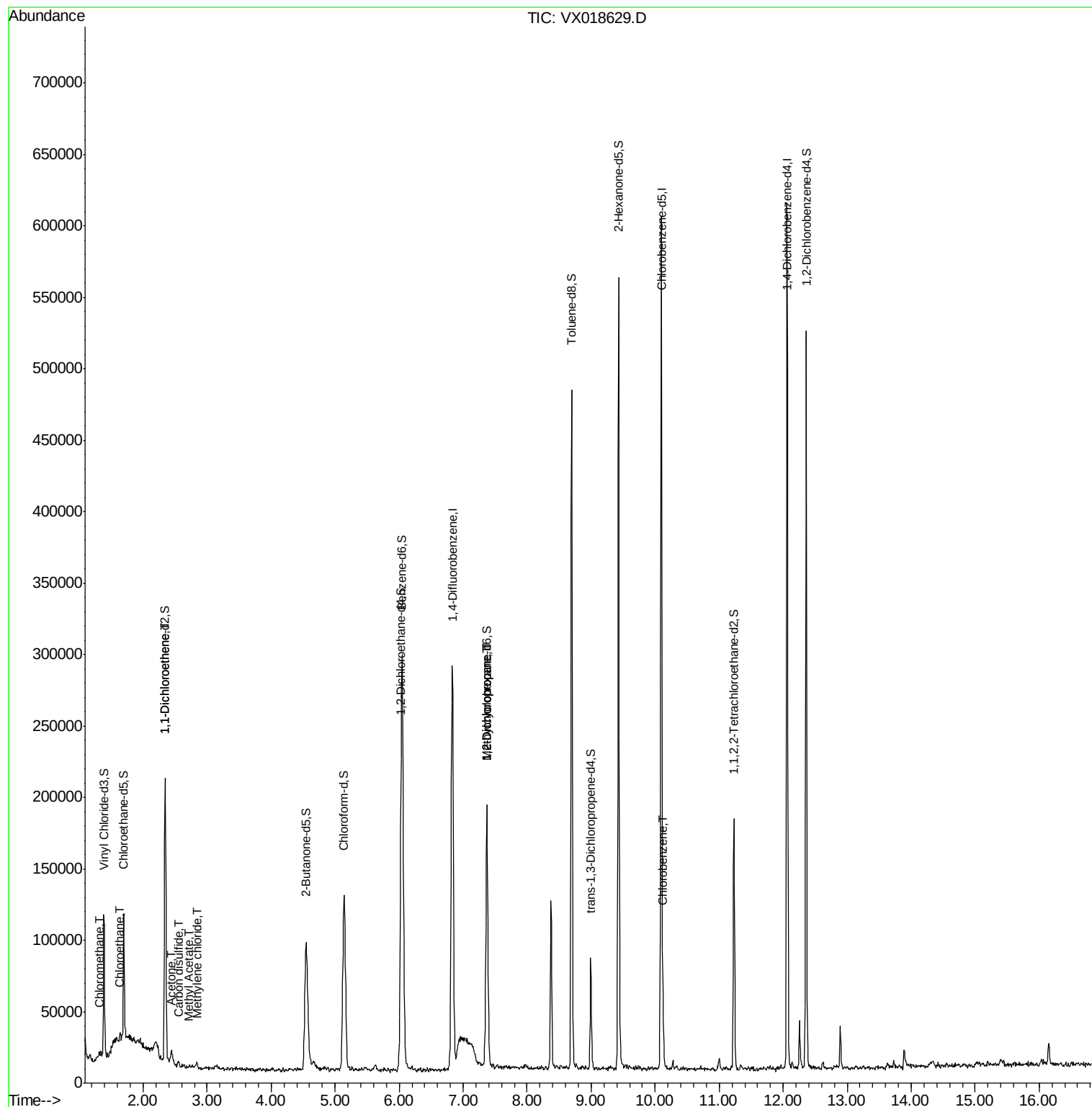
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	1971	0.137	ug/L #	78
8) Chloroethane	1.64	64	6018	0.725	ug/L #	55
12) 1,1-Dichloroethene	2.34	96	1559	0.115	ug/L #	1
13) Acetone	2.44	43	15631	7.590	ug/L	99
14) Carbon disulfide	2.56	76	4683	0.113	ug/L #	93
15) Methyl Acetate	2.71	43	1484	0.260	ug/L #	70
16) Methylene chloride	2.83	84	2029	0.109	ug/L	86
35) Methylcyclohexane	7.37	83	22759	1.125	ug/L #	17
37) 1,2-Dichloropropane	7.37	63	11025	0.822	ug/L #	87
53) Chlorobenzene	10.12	112	17862	0.498	ug/L	94

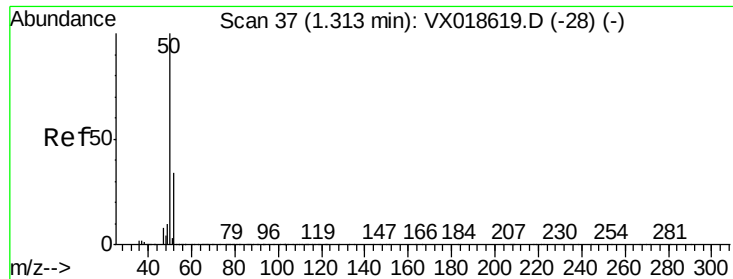
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.137 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018629.D

Acq: 28 Sep 2020 20:56

Instrument :

MSVOA_X

ClientSampled :

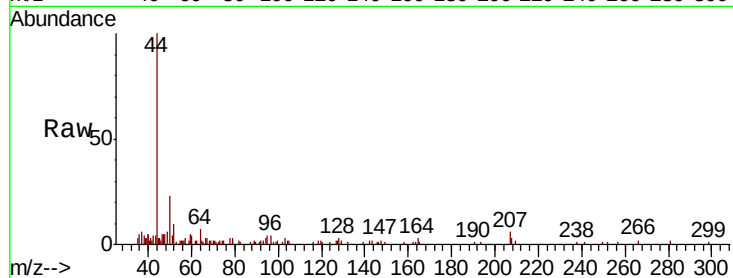
BG485

Tot Ion: 50 Resp: 1971

Ion Ratio Lower Upper

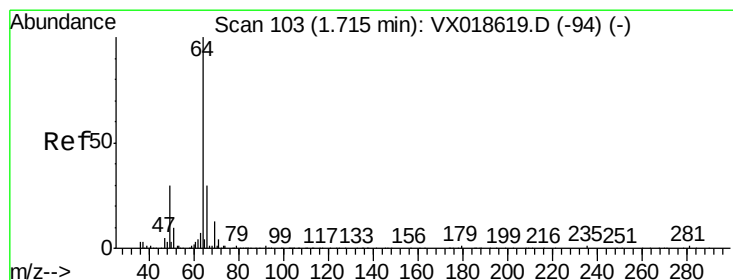
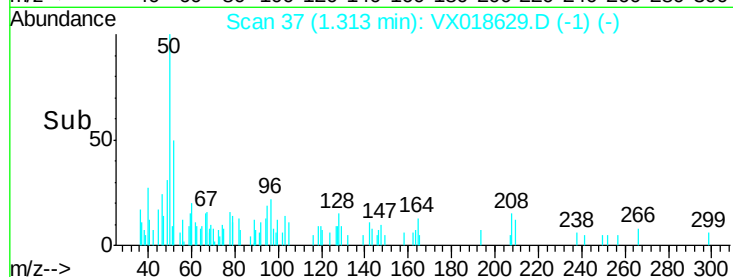
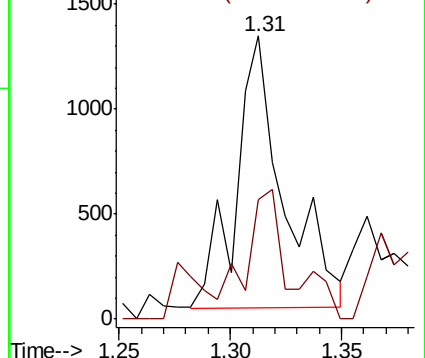
50 100

52 42.1 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#8

Chloroethane

Concen: 0.725 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.08 min

Lab File: VX018629.D

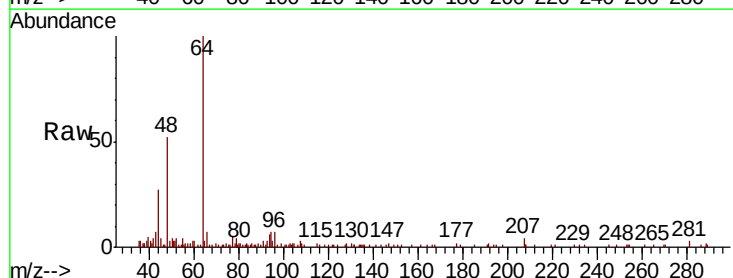
Acq: 28 Sep 2020 20:56

Tgt Ion: 64 Resp: 6018

Ion Ratio Lower Upper

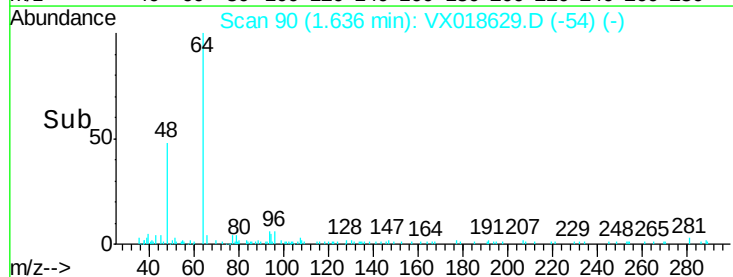
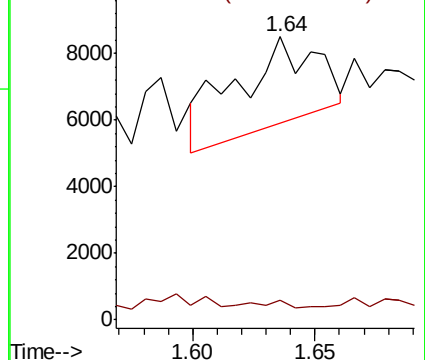
64 100

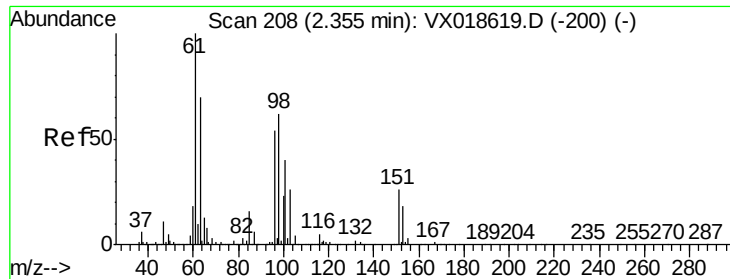
66 7.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

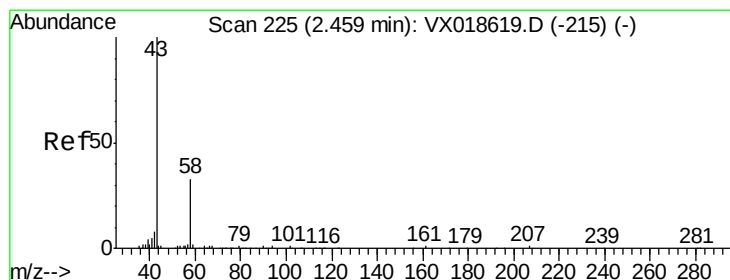
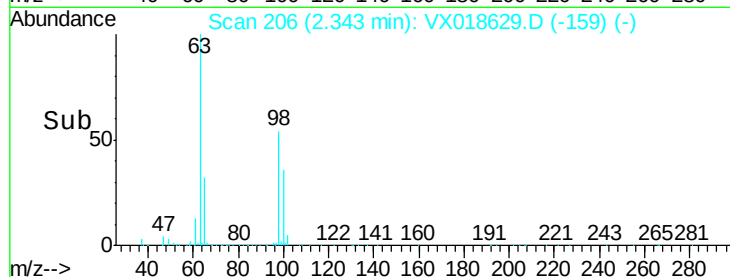
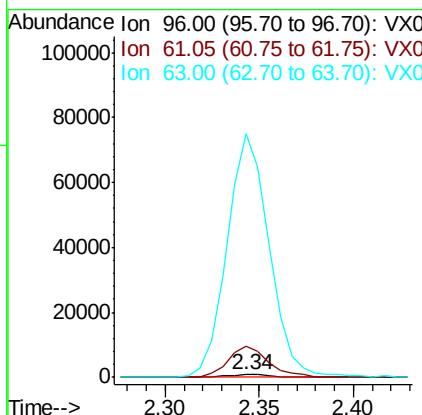
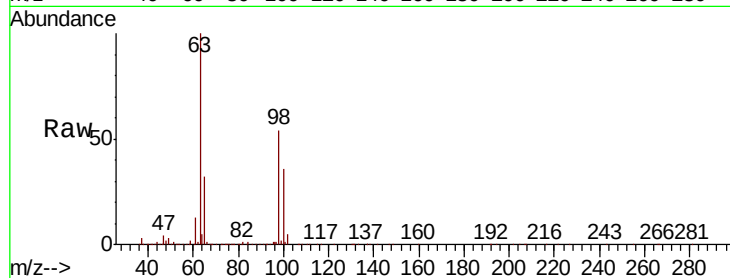




#12
 1,1-Dichloroethene
 Concen: 0.115 ug/L
 RT: 2.34 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: VX018629.D
 Acq: 28 Sep 2020 20:56

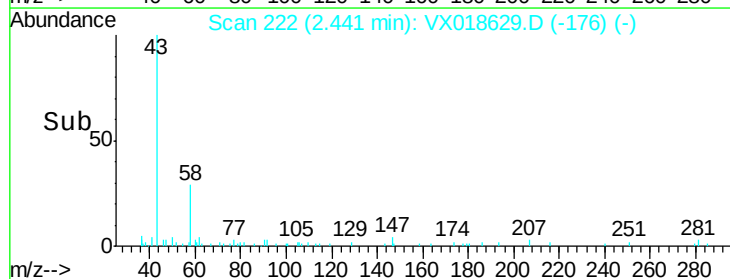
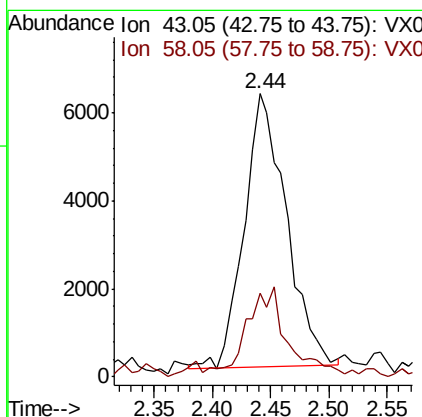
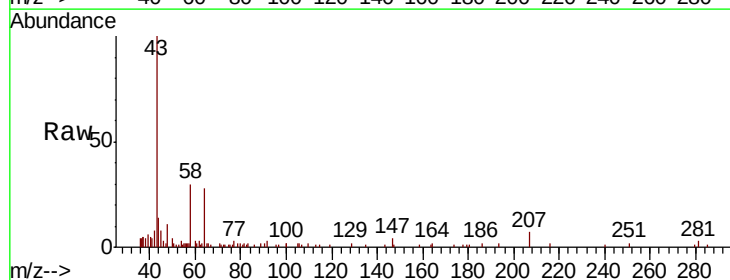
Instrument :
 MSVOA_X
 ClientSampleId :
 BG485

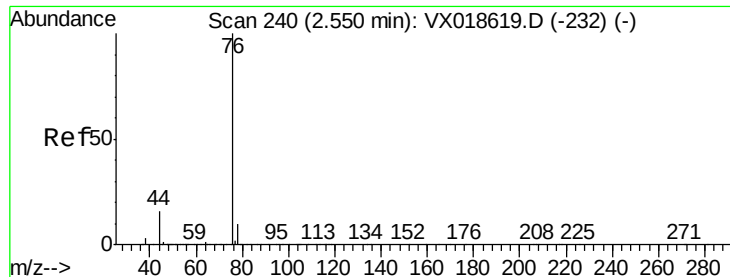
Tot Ion: 96 Resp: 1559
 Ion Ratio Lower Upper
 96 100
 61 1140.3 123.8 229.8#
 63 8990.9 104.7 194.4#



#13
 Acetone
 Concen: 7.590 ug/L
 RT: 2.44 min Scan# 222
 Delta R.T. -0.02 min
 Lab File: VX018629.D
 Acq: 28 Sep 2020 20:56

Tgt Ion: 43 Resp: 15631
 Ion Ratio Lower Upper
 43 100
 58 31.4 0.0 61.6





#14

Carbon disulfide

Concen: 0.113 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018629.D

Acq: 28 Sep 2020 20:56

Instrument :

MSVOA_X

ClientSampled :

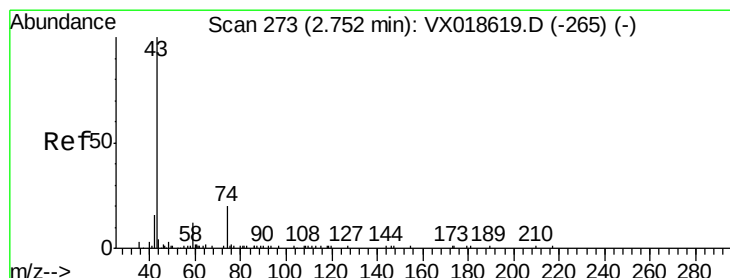
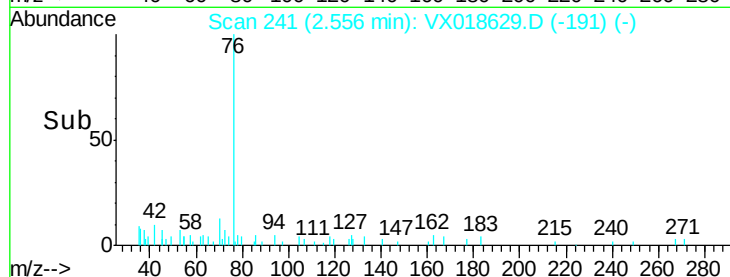
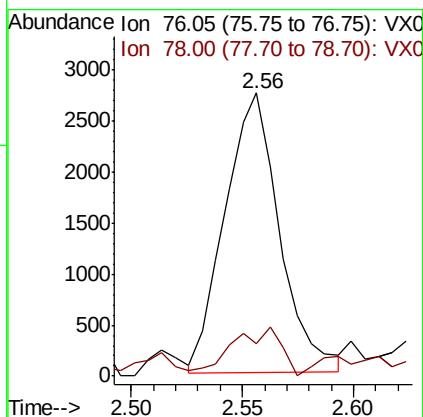
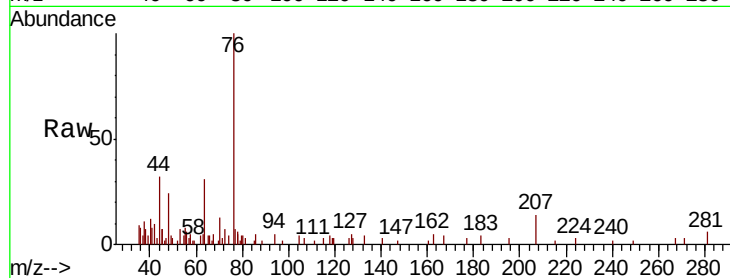
BG485

Tot Ion: 76 Resp: 4683

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.0#



#15

Methyl Acetate

Concen: 0.260 ug/L

RT: 2.71 min Scan# 267

Delta R.T. -0.04 min

Lab File: VX018629.D

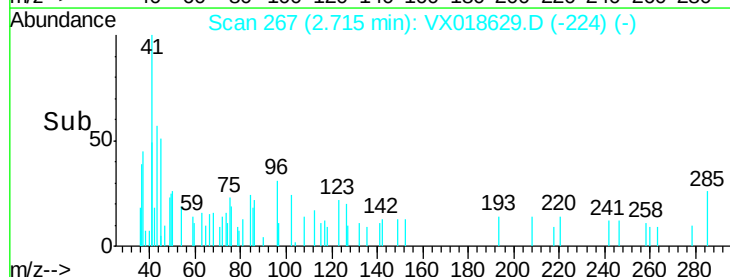
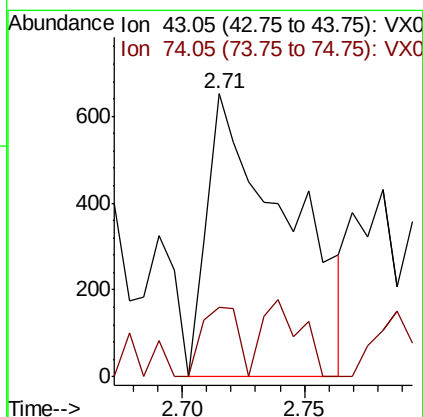
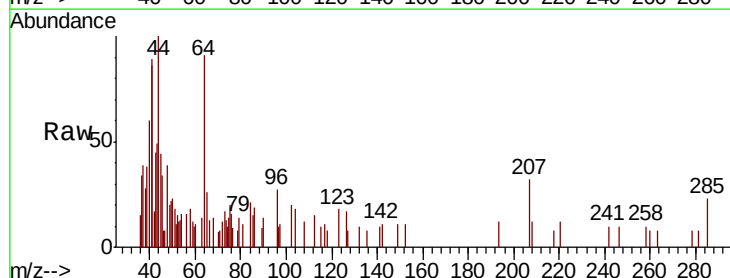
Acq: 28 Sep 2020 20:56

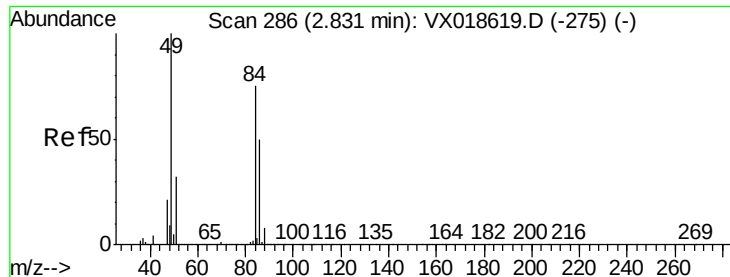
Tgt Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

74 11.1 21.2 31.8#

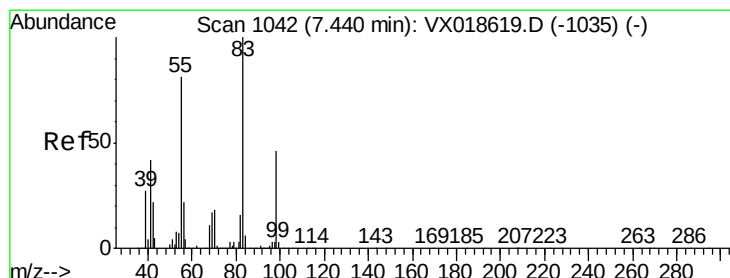
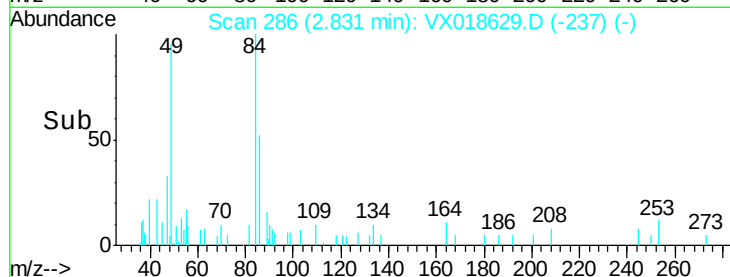
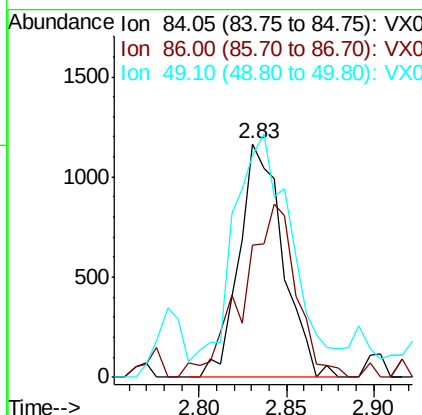
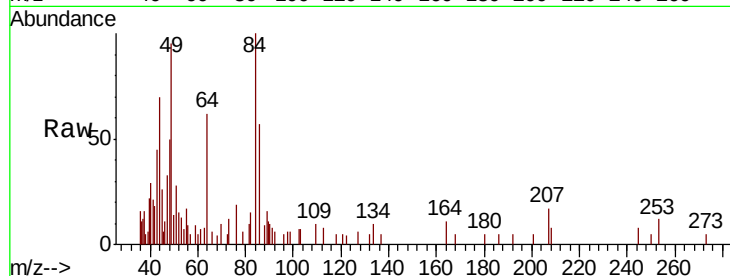




#16
Methylene chloride
Concen: 0.109 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018629.D
Acq: 28 Sep 2020 20:56

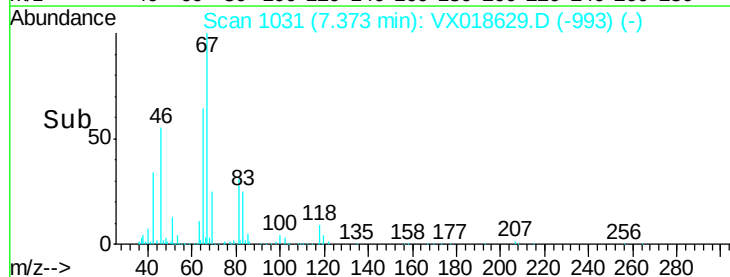
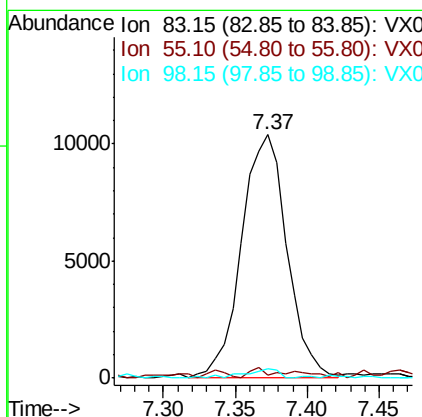
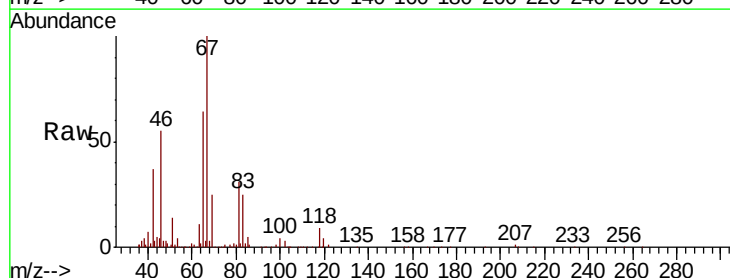
Instrument :
MSVOA_X
ClientSampleId :
BG485

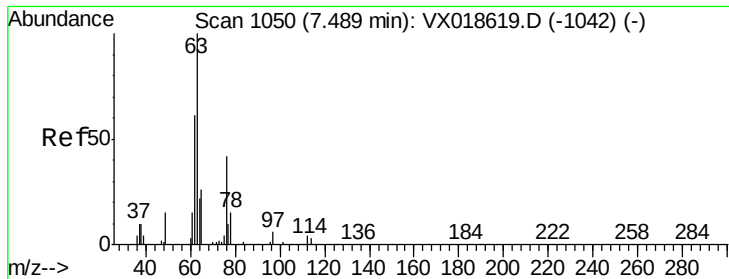
Tot Ion: 84 Resp: 2029
Ion Ratio Lower Upper
84 100
86 56.7 41.9 77.7
49 94.9 80.8 150.2



#35
Methylcyclohexane
Concen: 1.125 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018629.D
Acq: 28 Sep 2020 20:56

Tgt Ion: 83 Resp: 22759
Ion Ratio Lower Upper
83 100
55 2.1 67.4 101.0#
98 2.7 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 0.822 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018629.D

Acq: 28 Sep 2020 20:56

Instrument :

MSVOA_X

ClientSampled :

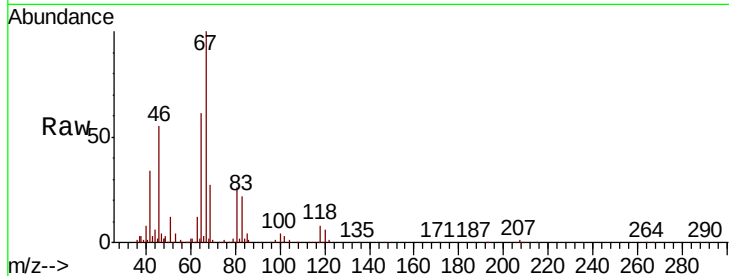
BG485

Tot Ion: 63 Resp: 11025

Ion Ratio Lower Upper

63 100

112 0.8 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.37

5000

4000

3000

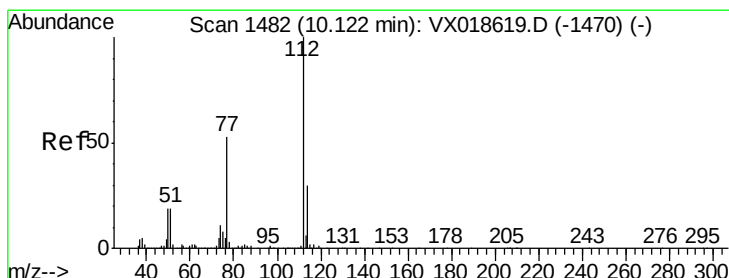
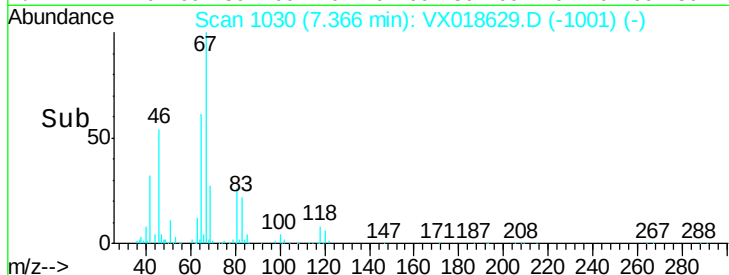
2000

1000

0

Time-->

7.25 7.30 7.35 7.40 7.45



#53

Chlorobenzene

Concen: 0.498 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018629.D

Acq: 28 Sep 2020 20:56

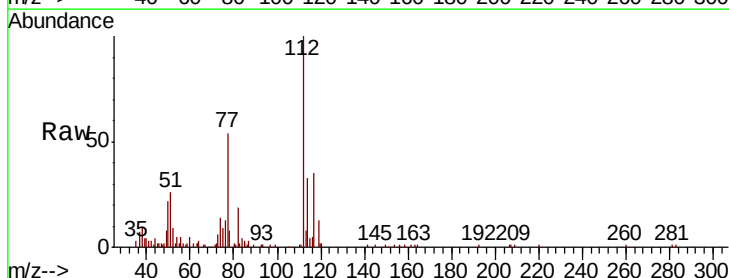
Tgt Ion: 112 Resp: 17862

Ion Ratio Lower Upper

112 100

114 32.9 20.6 38.4

77 54.1 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): VX0

10.12

15000

10000

5000

0

Time-->

10.05 10.10 10.15

