

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018647.D
 Acq On : 29 Sep 2020 11:00
 Operator : JC/SP
 Sample : L4135-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:55:16 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	305233	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	280903	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	130526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69716	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.70	69	59665	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.35	63	122280	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.55	46	209563	51.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	5.14	84	168307	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	6.04	65	93465	4.24	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	6.05	84	319430	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	7.37	67	96642	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	8.70	98	299364	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	8.99	79	42179	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
48) 2-Hexanone-d5	9.43	63	166864	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	72287	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	113007	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

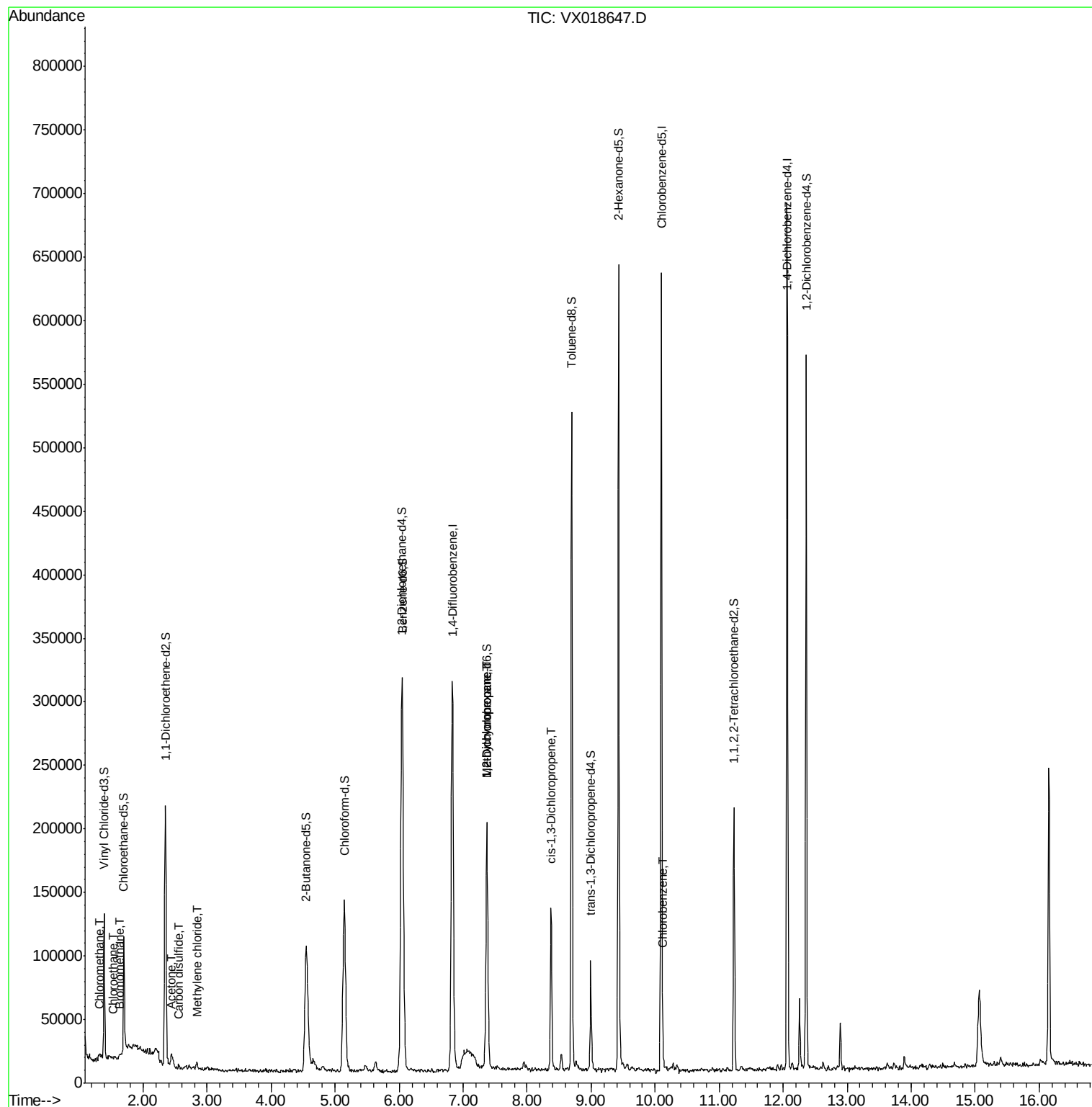
					Ovalue
3) Chloromethane	1.32	50	2547	0.161 ug/L	88
6) Bromomethane	1.64	94	1411	0.143 ug/L	95
8) Chloroethane	1.53	64	1157	0.127 ug/L	96
13) Acetone	2.45	43	17253	7.653 ug/L	93
14) Carbon disulfide	2.56	76	3387	0.075 ug/L #	91
16) Methylene chloride	2.84	84	2648	0.130 ug/L	78
35) Methylcyclohexane	7.37	83	24980	1.146 ug/L #	16
37) 1,2-Dichloropropane	7.37	63	11907	0.824 ug/L #	86
39) cis-1,3-Dichloropropene	8.38	75	3369	0.164 ug/L	88
53) Chlorobenzene	10.12	112	2489	0.064 ug/L #	16

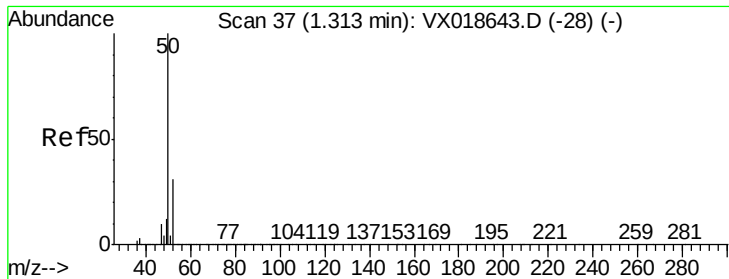
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018647.D

Acq: 29 Sep 2020 11:00

Instrument :

MSVOA_X

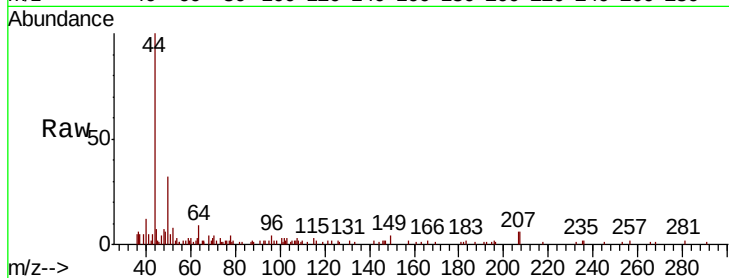
ClientSampleId :

Tot Ion: 50 Resp: 2547

Ion Ratio Lower Upper

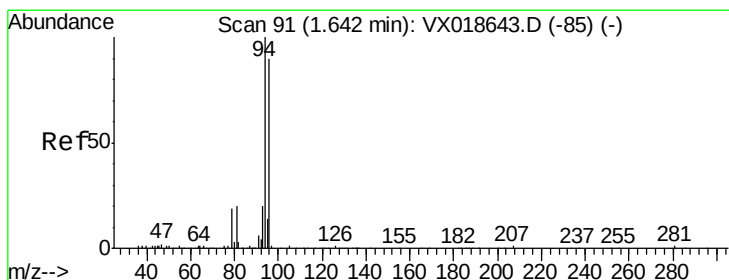
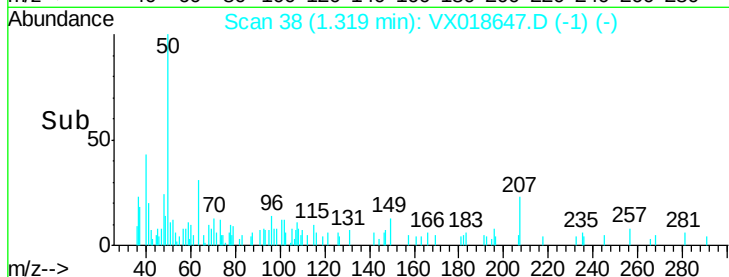
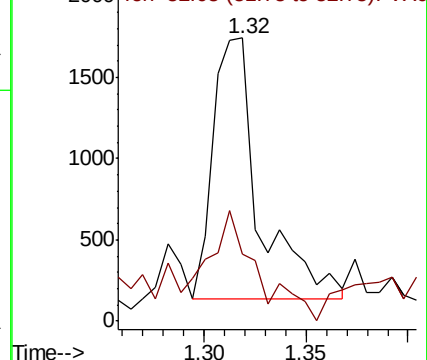
50 100

52 23.8 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.143 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018647.D

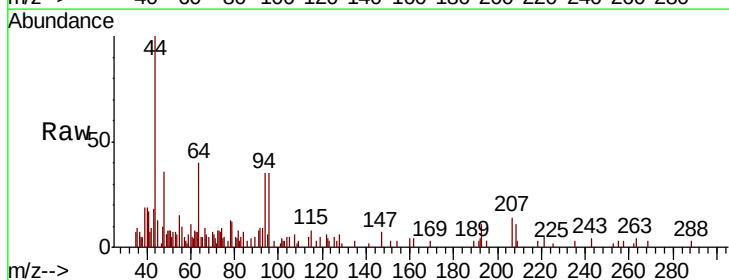
Acq: 29 Sep 2020 11:00

Tgt Ion: 94 Resp: 1411

Ion Ratio Lower Upper

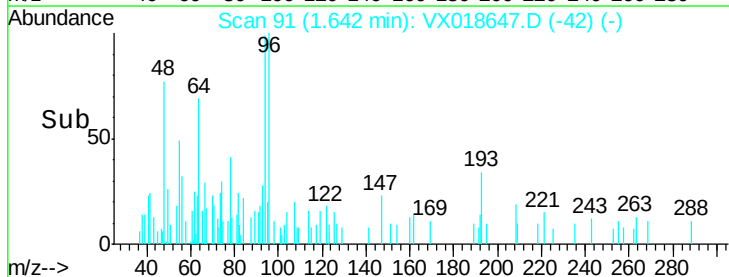
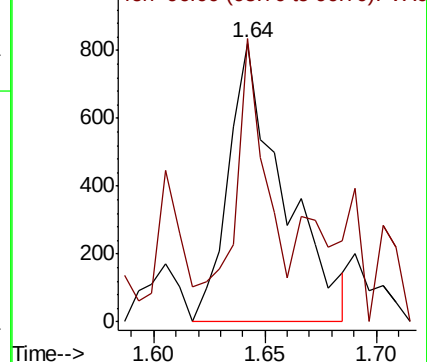
94 100

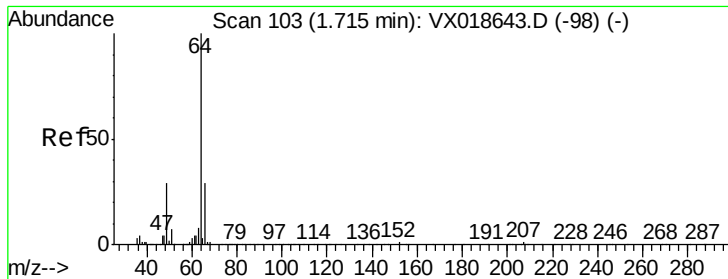
96 101.6 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

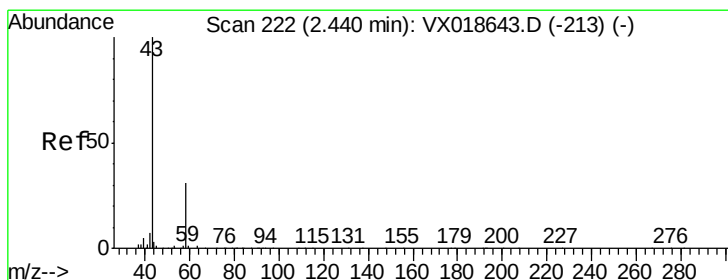
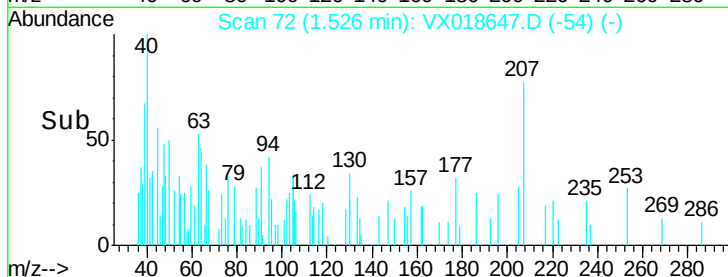
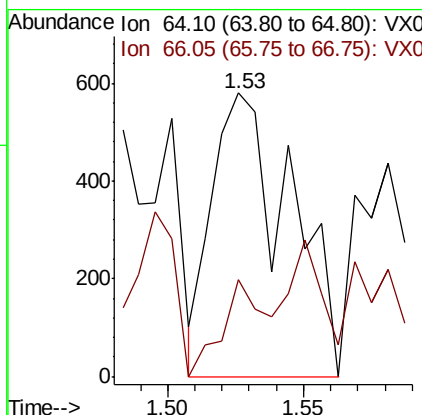
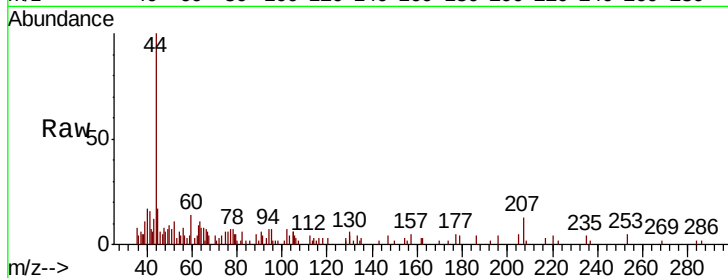




#8
Chloroethane
Concen: 0.127 ug/L
RT: 1.53 min Scan# 72
Delta R.T. -0.19 min
Lab File: VX018647.D
Acq: 29 Sep 2020 11:00

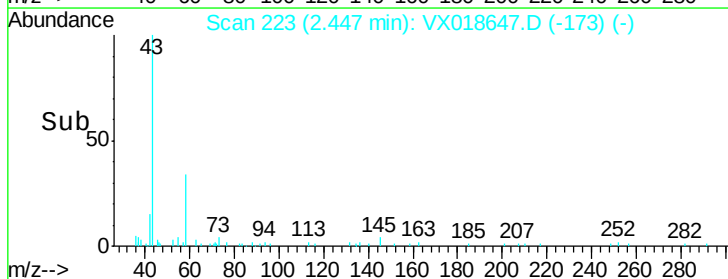
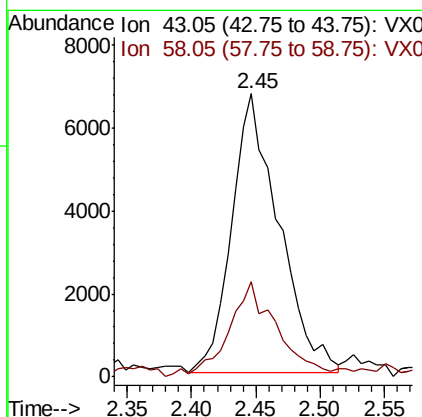
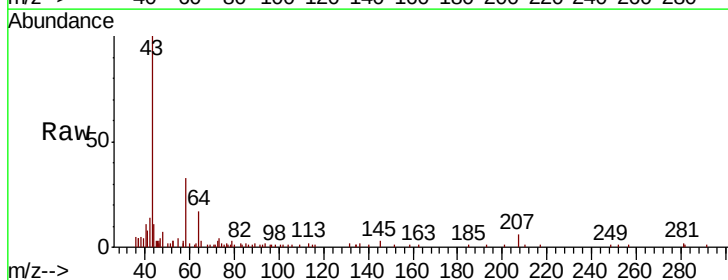
Instrument :
MSVOA_X
ClientSampleId :

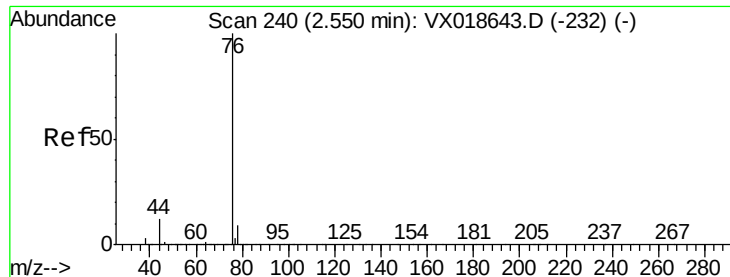
Tot Ion: 64 Resp: 1157
Ion Ratio Lower Upper
64 100
66 34.1 22.3 41.3



#13
Acetone
Concen: 7.653 ug/L
RT: 2.45 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX018647.D
Acq: 29 Sep 2020 11:00

Tgt Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
58 34.6 0.0 61.6





#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018647.D

Acq: 29 Sep 2020 11:00

Instrument :

MSVOA_X

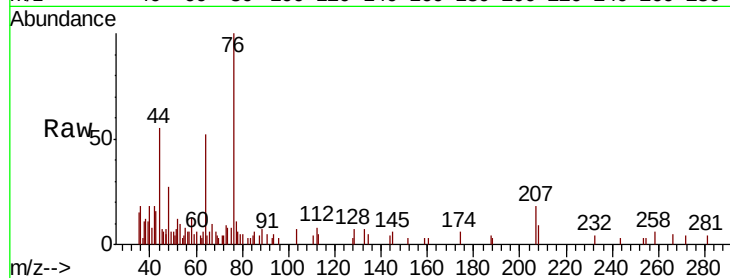
ClientSampleId :

Tot Ion: 76 Resp: 3387

Ion Ratio Lower Upper

76 100

78 5.9 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

2000

1500

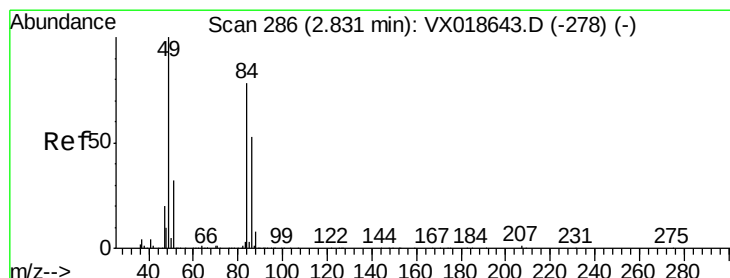
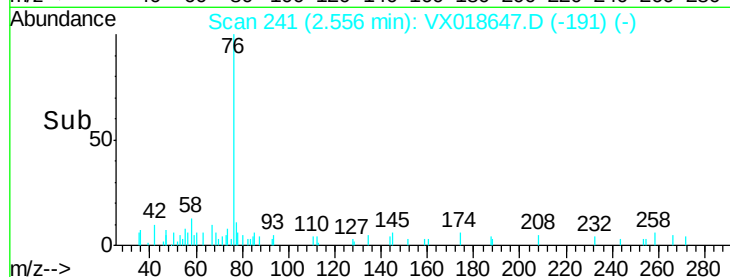
1000

500

0

2.50 2.55 2.60 2.65

Time-->



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018647.D

Acq: 29 Sep 2020 11:00

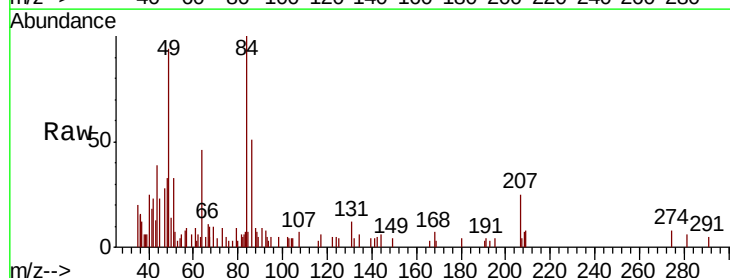
Tgt Ion: 84 Resp: 2648

Ion Ratio Lower Upper

84 100

86 47.6 41.9 77.7

49 88.1 80.8 150.2



Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

2000

1500

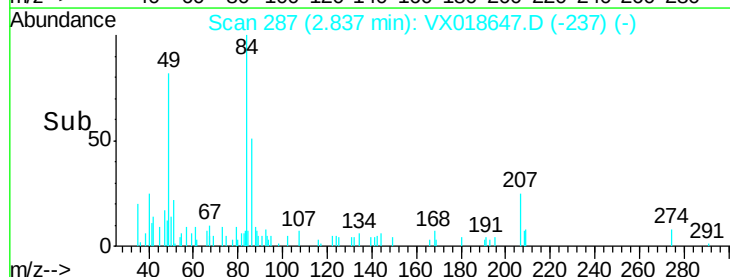
1000

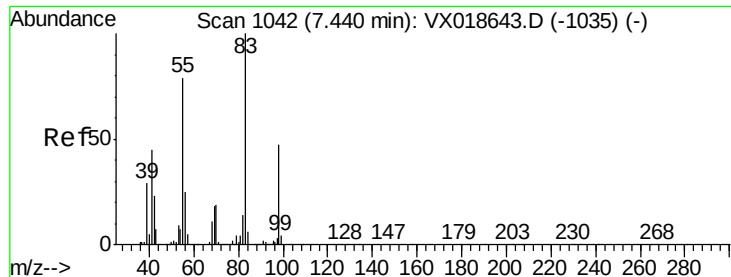
500

0

2.75 2.80 2.85 2.90

Time-->

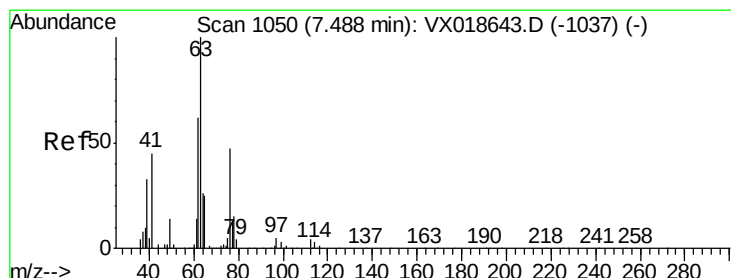
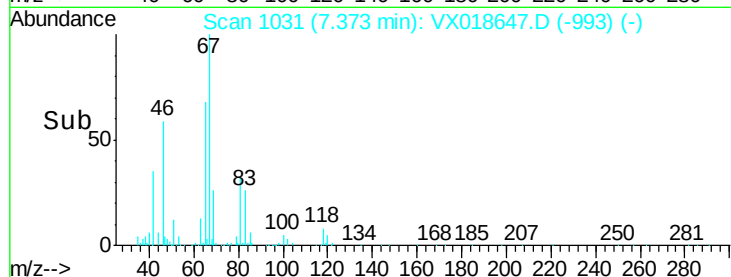
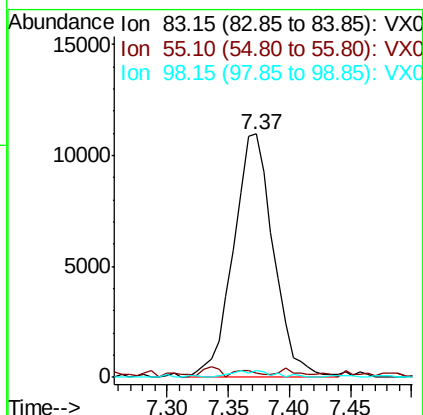
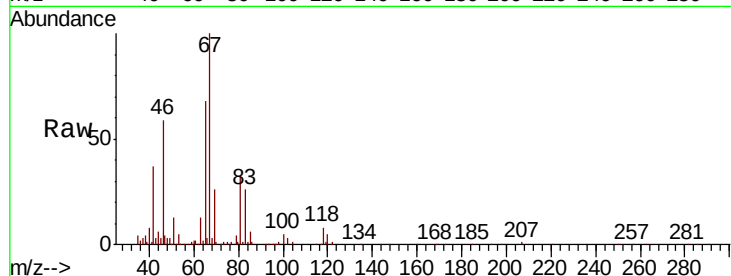




#35
Methylvlcyclohexane
Concen: 1.146 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018647.D
Acq: 29 Sep 2020 11:00

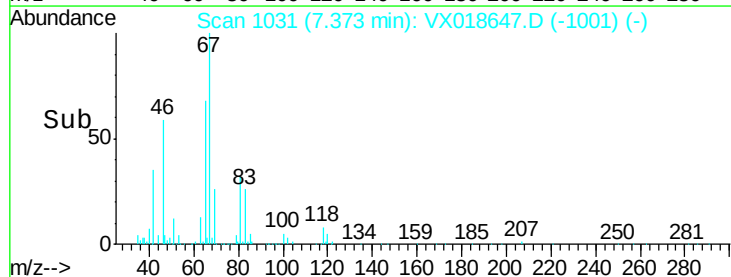
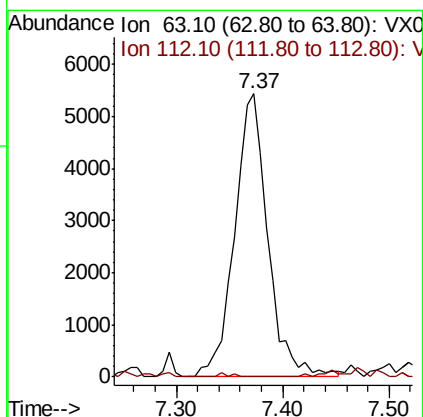
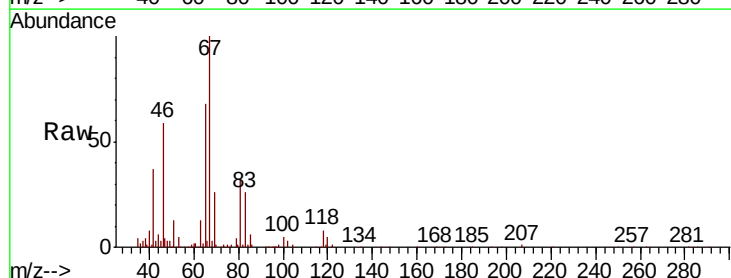
Instrument :
MSVOA_X
ClientSampleId :

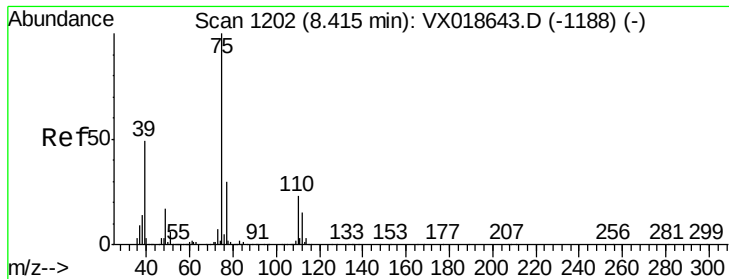
Tot Ion: 83 Resp: 24980
Ion Ratio Lower Upper
83 100
55 1.7 67.4 101.0#
98 1.3 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 0.824 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018647.D
Acq: 29 Sep 2020 11:00

Tgt Ion: 63 Resp: 11907
Ion Ratio Lower Upper
63 100
112 0.4 4.1 6.1#

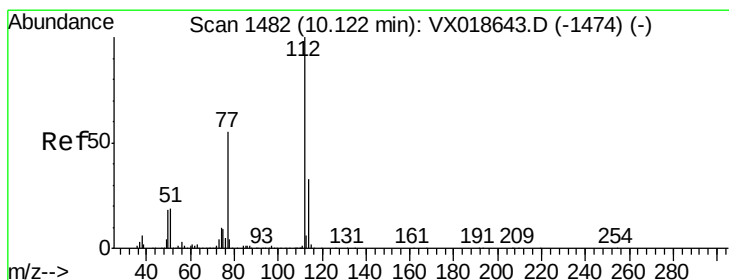
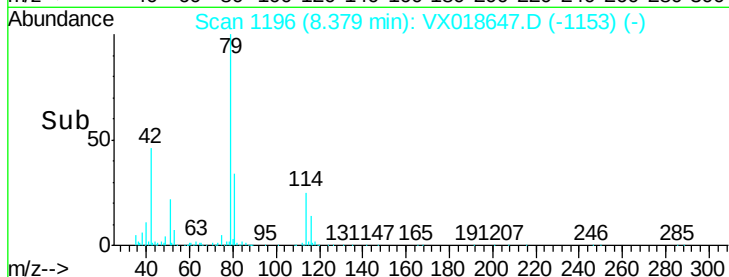
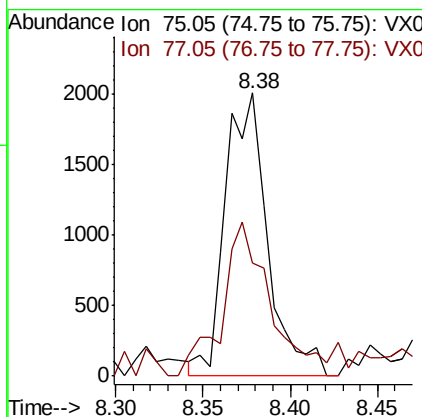
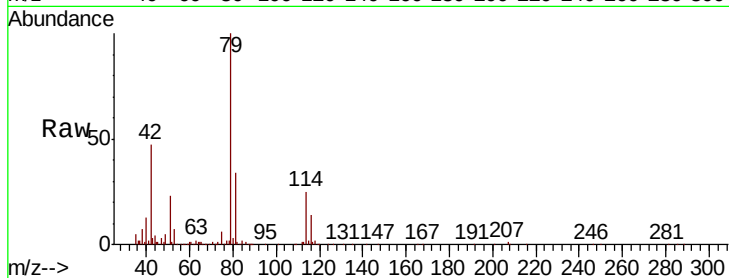




#39
 cis-1,3-Dichloropropene
 Concen: 0.164 ug/L
 RT: 8.38 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VX018647.D
 Acq: 29 Sep 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 3369
 Ion Ratio Lower Upper
 75 100
 77 39.9 23.0 42.8



#53
 Chlorobenzene
 Concen: 0.064 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018647.D
 Acq: 29 Sep 2020 11:00

Tgt Ion: 112 Resp: 2489
 Ion Ratio Lower Upper
 112 100
 114 72.3 20.6 38.4#
 77 121.9 46.6 69.8#

