

Data File : VX018702.D
Acq On : 30 Sep 2020 17:11
Operator : JC/SP
Sample : L4135-07DL2 200X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG481DL2

Quant Time: Oct 01 02:39:57 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	229856	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	222222	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	100317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41310	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.70	69	39192	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.34	63	82941	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.56	46	165682	54.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	5.14	84	128747	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	6.03	65	72277	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	6.06	84	210814	4.11	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	7.37	67	69455	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.70	98	185021	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
45) trans-1,3-Dichloropropene-	8.99	79	29667	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	9.43	63	121054	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55757	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	75912	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

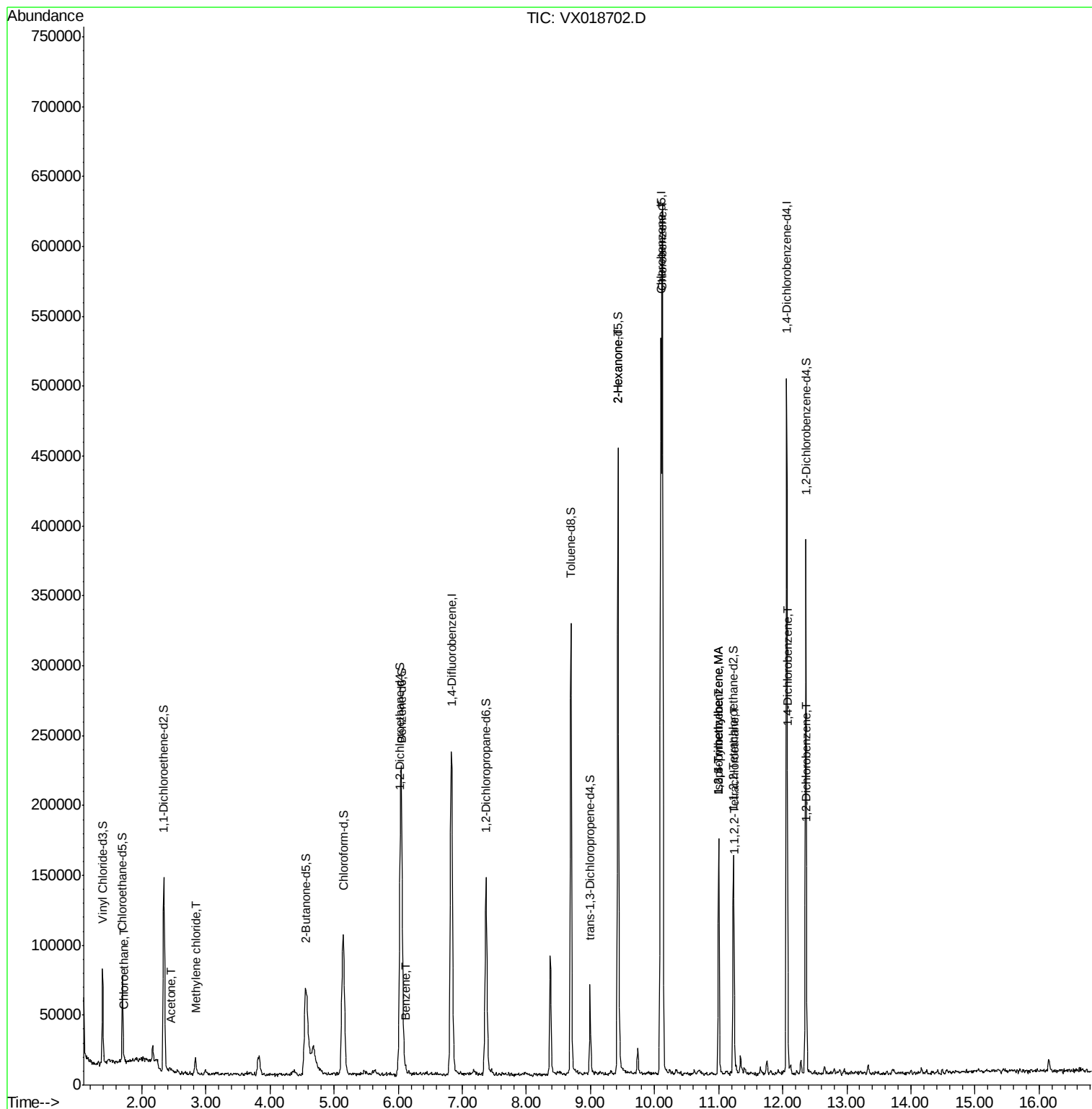
					Qvalue
8) Chloroethane	1.72	64	1252	0.183	ug/L 100
13) Acetone	2.46	43	1940	1.143	ug/L 90
16) Methylene chloride	2.84	84	5456	0.356	ug/L 85
33) Benzene	6.12	78	4664	0.109	ug/L 100
43) 1,3,5-Trimethylbenzene	11.00	105	82058	2.028	ug/L # 69
44) 1,2,4-Trimethylbenzene	11.00	105	82058	2.027	ug/L # 69
50) 2-Hexanone	9.43	43	16611	3.704	ug/L # 68
53) Chlorobenzene	10.12	112	261245	8.545	ug/L 98
58) Isopropylbenzene	11.00	105	82058	1.680	ug/L 98
60) 1,1,2,2-Tetrachloroethane	11.24	83	746	0.081	ug/L # 26
64) 1,4-Dichlorobenzene	12.08	146	2575	0.117	ug/L 93
66) 1,2-Dichlorobenzene	12.38	146	1175	0.058	ug/L # 84

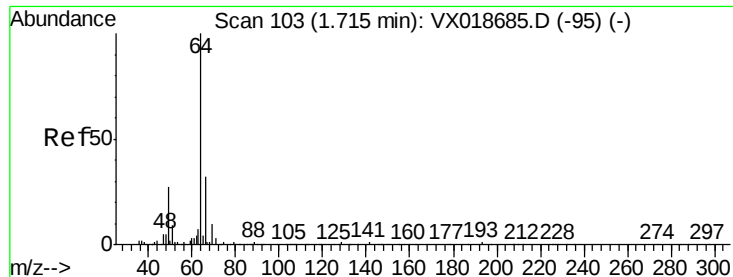
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
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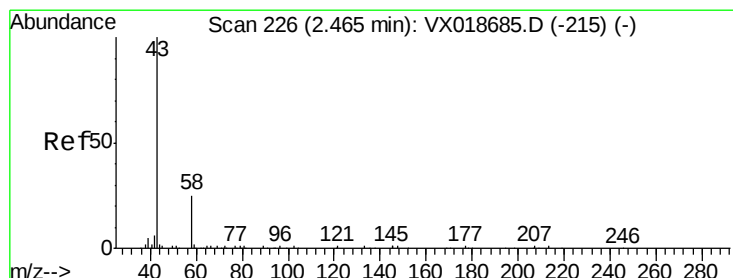
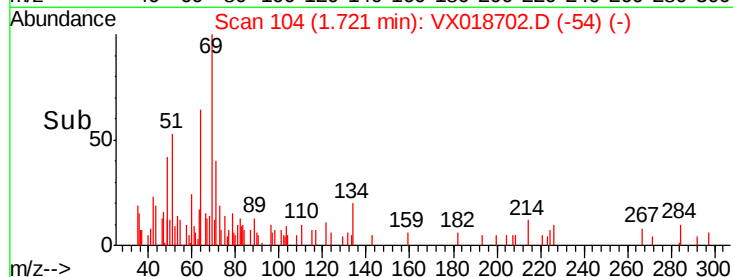
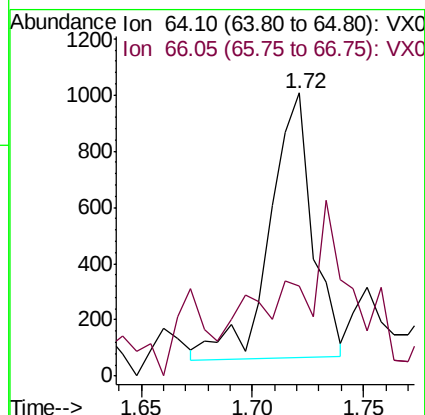
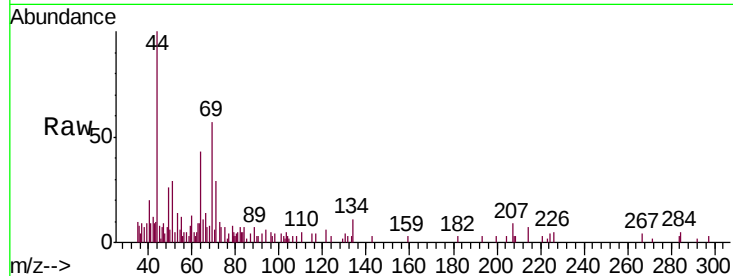




#8
Chloroethane
Concen: 0.183 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

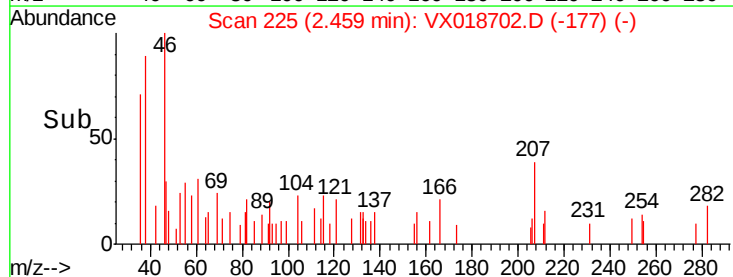
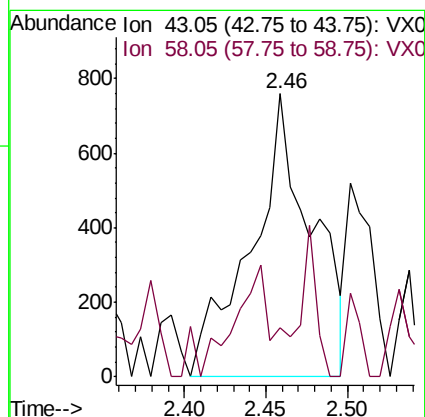
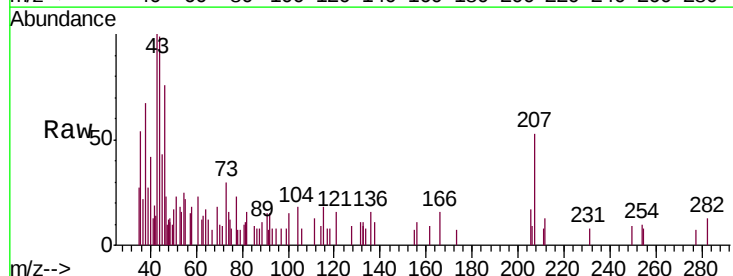
Instrument :
MSVOA_X
ClientSampled :
BG481DL2

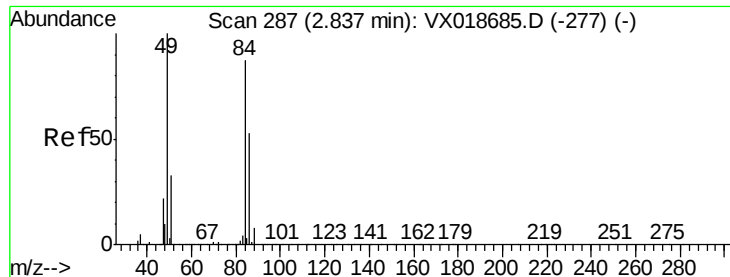
Tgt Ion: 64 Resp: 1252
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#13
Acetone
Concen: 1.143 ug/L
RT: 2.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
58 25.3 0.0 61.6

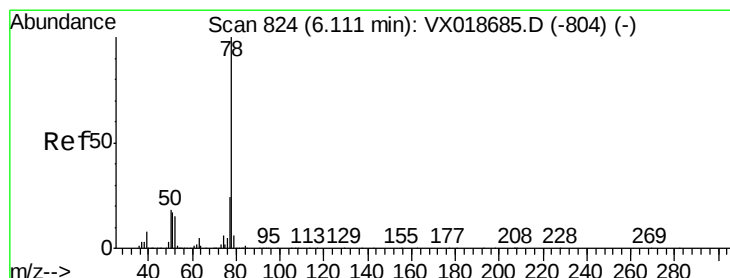
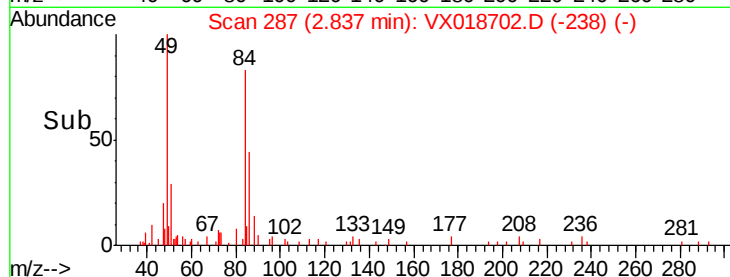
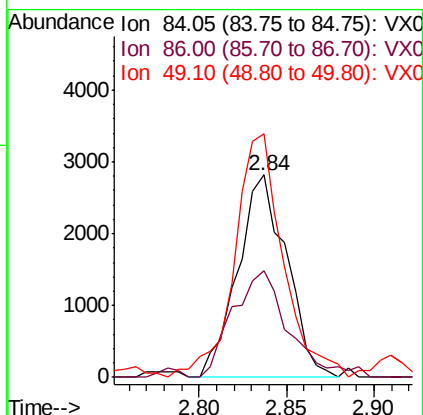
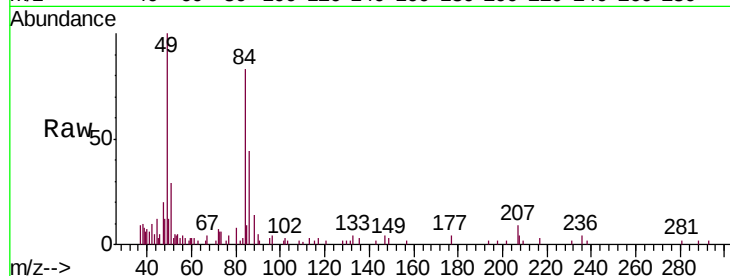




#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

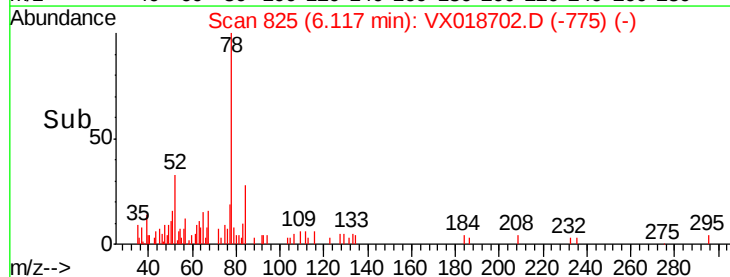
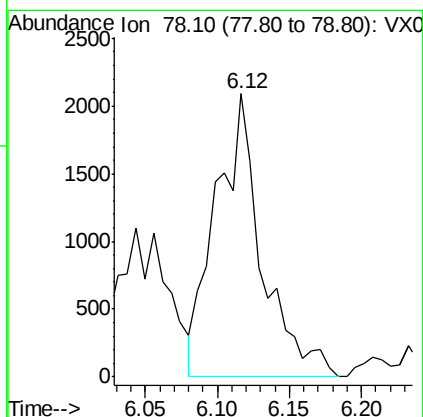
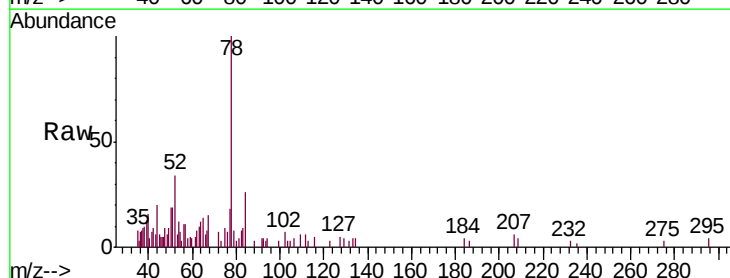
Instrument :
MSVOA_X
ClientSampleId :
BG481DL2

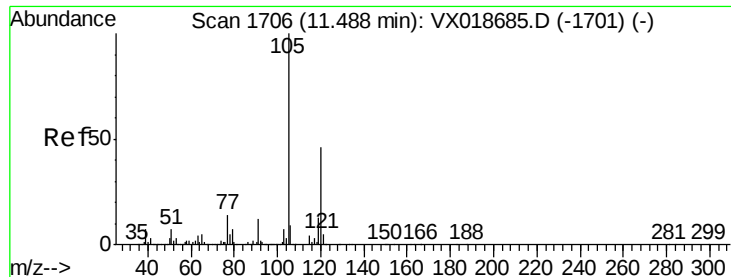
Tgt Ion: 84 Resp: 5456
Ion Ratio Lower Upper
84 100
86 53.0 41.9 77.7
49 134.9 80.8 150.2



#33
Benzene
Concen: 0.109 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

Tgt Ion: 78 Resp: 4664





#43

1,3,5-Trimethylbenzene

Concen: 2.028 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.49 min

Lab File: VX018702.D

Acq: 30 Sep 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

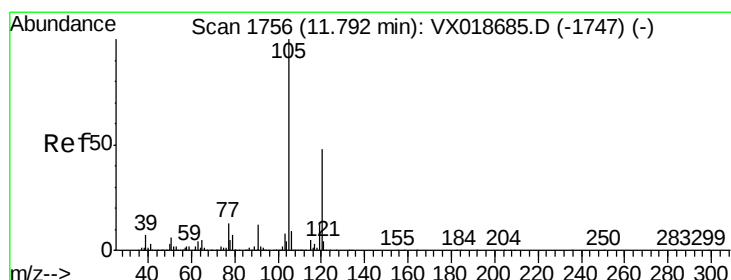
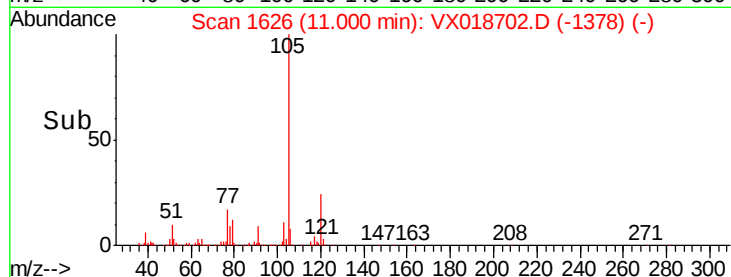
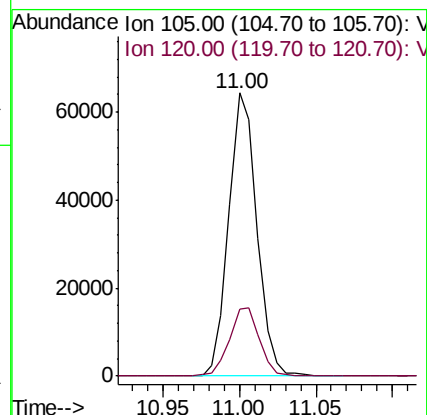
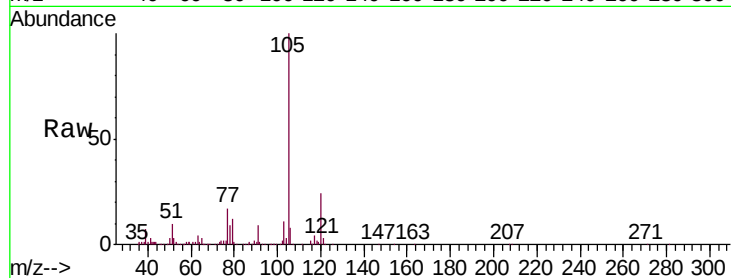
BG481DL2

Tgt Ion:105 Resp: 82058

Ion Ratio Lower Upper

105 100

120 25.7 37.2 55.8#



#44

1,2,4-Trimethylbenzene

Concen: 2.027 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.79 min

Lab File: VX018702.D

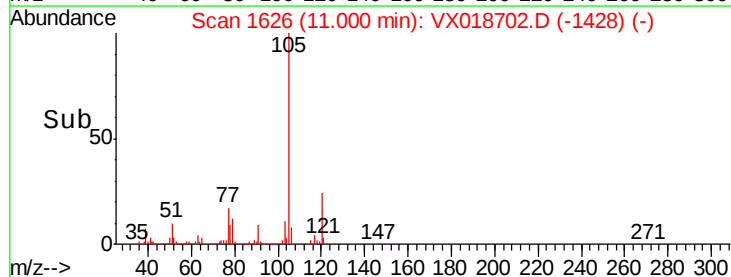
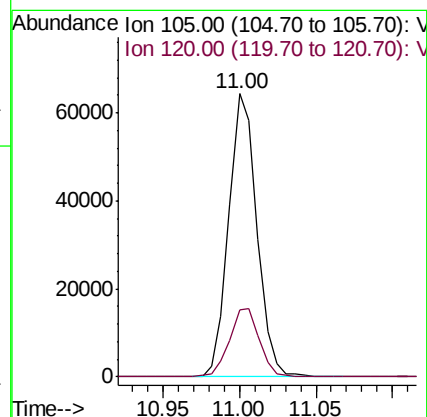
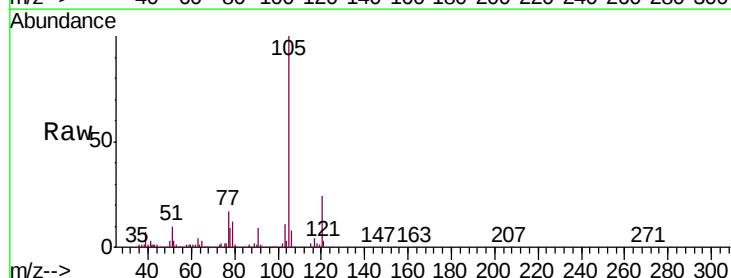
Acq: 30 Sep 2020 17:11

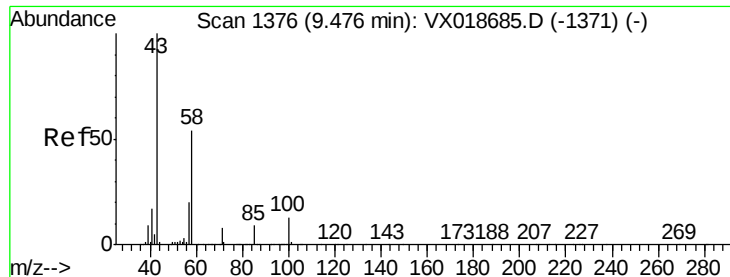
Tgt Ion:105 Resp: 82058

Ion Ratio Lower Upper

105 100

120 25.7 36.8 55.2#

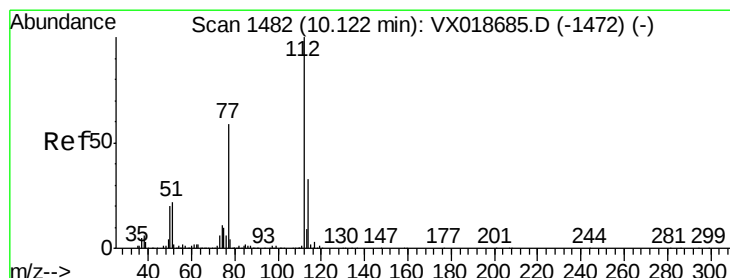
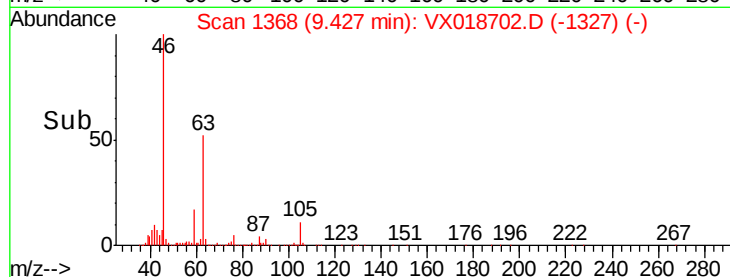
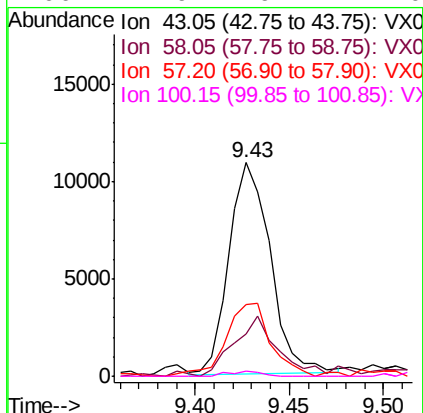
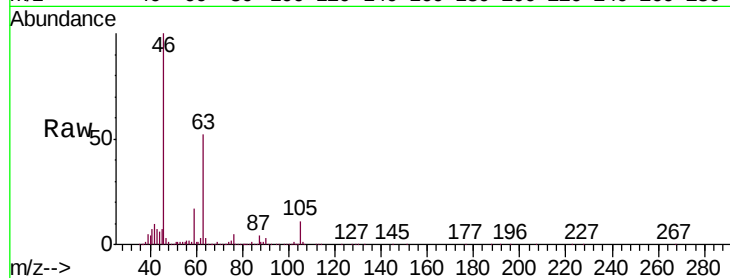




#50
2-Hexanone
Concen: 3.704 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

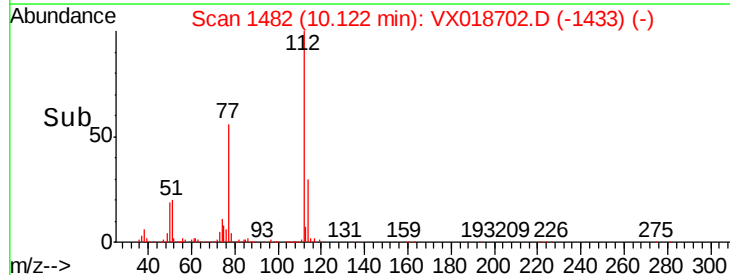
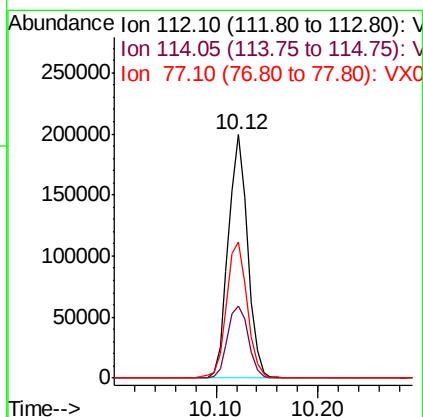
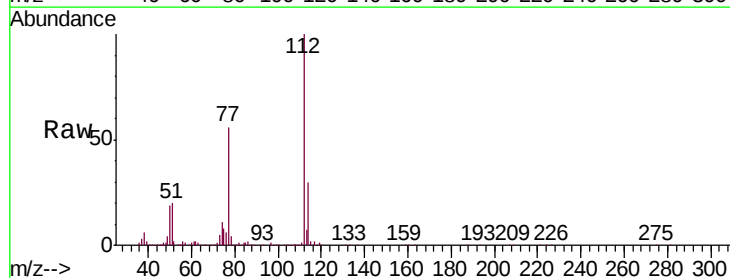
Instrument :
MSVOA_X
ClientSampleId :
BG481DL2

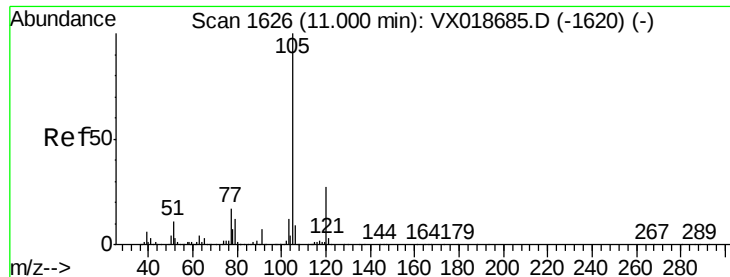
Tgt Ion:	43	Resp:	16611
Ion	Ratio	Lower	Upper
43	100		
58	30.6	42.5	63.7#
57	36.6	15.9	23.9#
100	1.9	9.4	14.0#



#53
Chlorobenzene
Concen: 8.545 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018702.D
Acq: 30 Sep 2020 17:11

Tgt Ion:	112	Resp:	261245
Ion	Ratio	Lower	Upper
112	100		
114	29.8	20.6	38.4
77	56.1	46.6	69.8





#58

Isopropylbenzene

Concen: 1.680 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018702.D

Acq: 30 Sep 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

BG481DL2

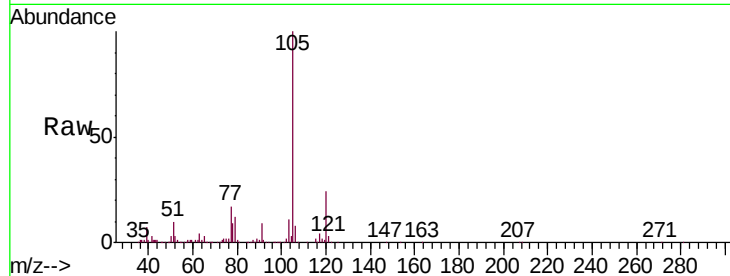
Tgt Ion: 105 Resp: 82058

Ion Ratio Lower Upper

105 100

120 25.7 21.2 31.8

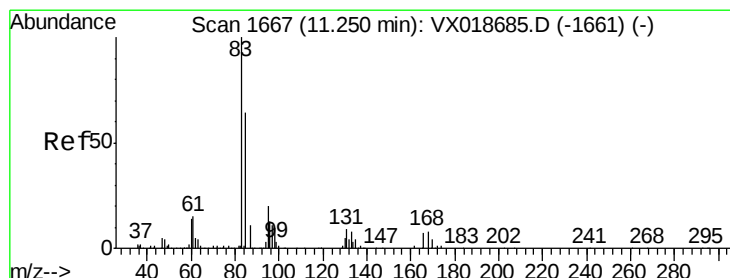
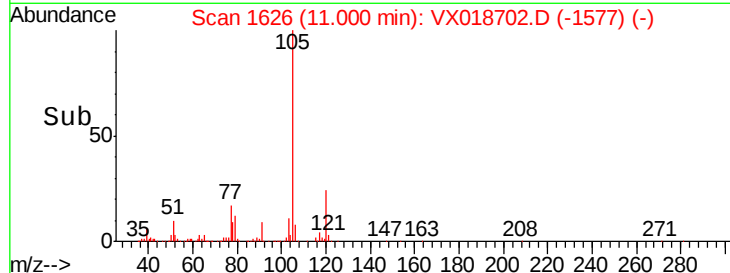
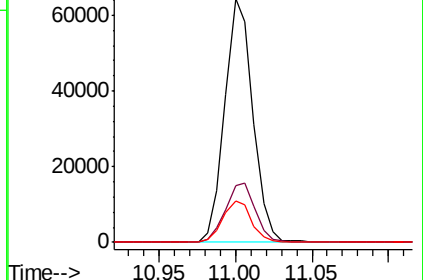
77 17.6 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.081 ug/L

RT: 11.24 min Scan# 1666

Delta R.T. -0.01 min

Lab File: VX018702.D

Acq: 30 Sep 2020 17:11

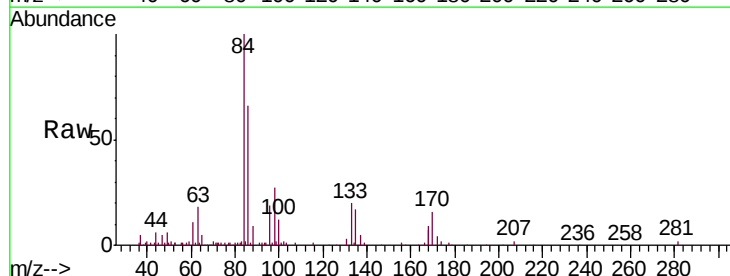
Tgt Ion: 83 Resp: 746

Ion Ratio Lower Upper

83 100

85 106.4 48.5 90.1#

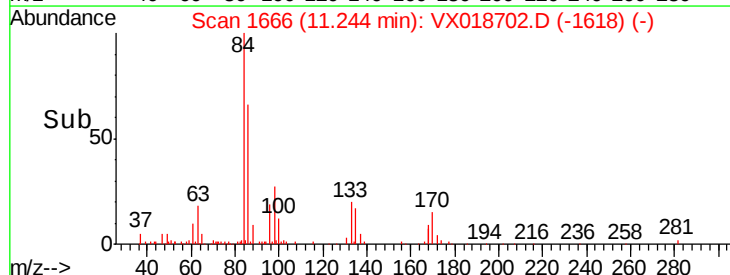
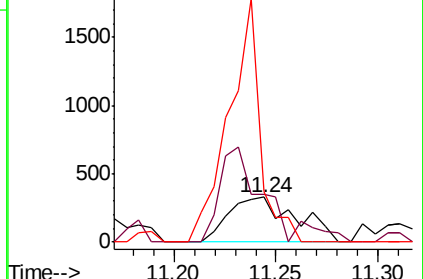
131 113.1 7.8 11.6#

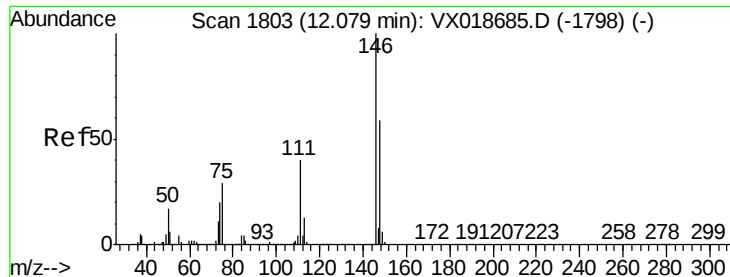


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

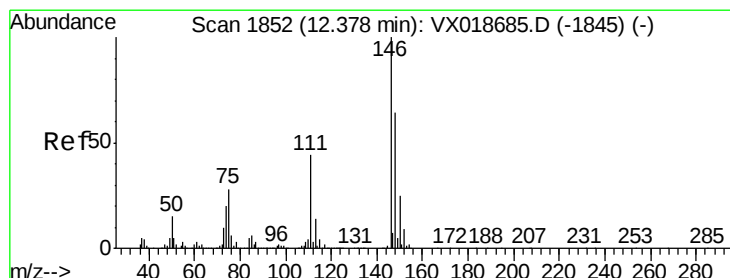
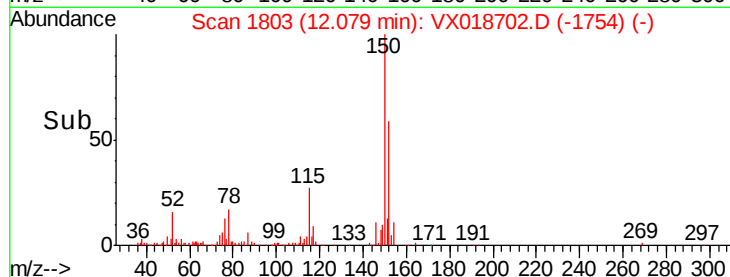
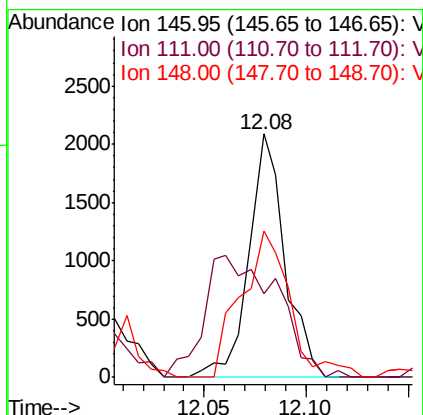
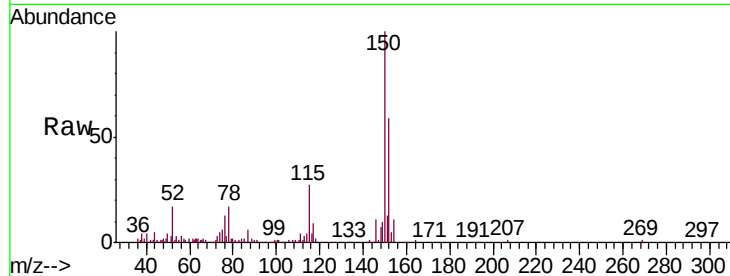




#64
 1,4-Dichlorobenzene
 Concen: 0.117 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018702.D
 Acq: 30 Sep 2020 17:11

Instrument :
 MSVOA_X
 ClientSampled :
 BG481DL2

Tgt Ion:146 Resp: 2575
 Ion Ratio Lower Upper
 146 100
 111 34.1 28.8 53.4
 148 60.4 44.9 83.3



#66
 1,2-Dichlorobenzene
 Concen: 0.058 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018702.D
 Acq: 30 Sep 2020 17:11

Tgt Ion:146 Resp: 1175
 Ion Ratio Lower Upper
 146 100
 111 54.9 33.6 50.4#
 148 77.4 53.4 80.2

