

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\
 Data File : VX018785.D
 Acq On : 05 Oct 2020 23:51
 Operator : JC/SP
 Sample : L4240-06 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R5

Quant Time: Oct 06 06:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 05:58:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	128376	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	124015	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	55954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37867	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.70	69	32854	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.34	63	65550	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.56	46	126506	64.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.62%
24) Chloroform-d	5.14	84	92747	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	6.03	65	54958	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	6.05	84	173892	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	7.37	67	51779	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	8.70	98	154042	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
45) trans-1,3-Dichloropropene-	8.99	79	22755	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
48) 2-Hexanone-d5	9.43	63	101946	63.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.92%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	41246	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	62692	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	612	0.099	ug/L	99
12) 1,1-Dichloroethene	2.34	96	778	0.122	ug/L #	1
13) Acetone	2.45	43	780	0.726	ug/L	78
14) Carbon disulfide	2.56	76	1691	0.084	ug/L #	77
16) Methylene chloride	2.84	84	2474	0.319	ug/L	91
27) 1,2-Dichloroethane	6.06	62	1544	0.153	ug/L	100
33) Benzene	6.11	78	5753	0.222	ug/L	100
35) Methylcyclohexane	7.37	83	14060	1.294	ug/L #	20
39) cis-1,3-Dichloropropene	8.37	75	1832	0.176	ug/L #	72
43) 1,3,5-Trimethylbenzene	11.79	105	1579	0.059	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	1579	0.058	ug/L	97
53) Chlorobenzene	10.12	112	667946	34.363	ug/L	95
54) Ethylbenzene	10.23	91	5140	0.161	ug/L	93
55) m,p-xylene	10.34	106	1537	0.124	ug/L	81
63) 1,3-Dichlorobenzene	12.01	146	13237	0.973	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	17382	1.282	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	1096	0.086	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018785.D
Acq On : 05 Oct 2020 23:51
Operator : JC/SP
Sample : L4240-06 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3R5

Quant Time: Oct 06 06:07:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration

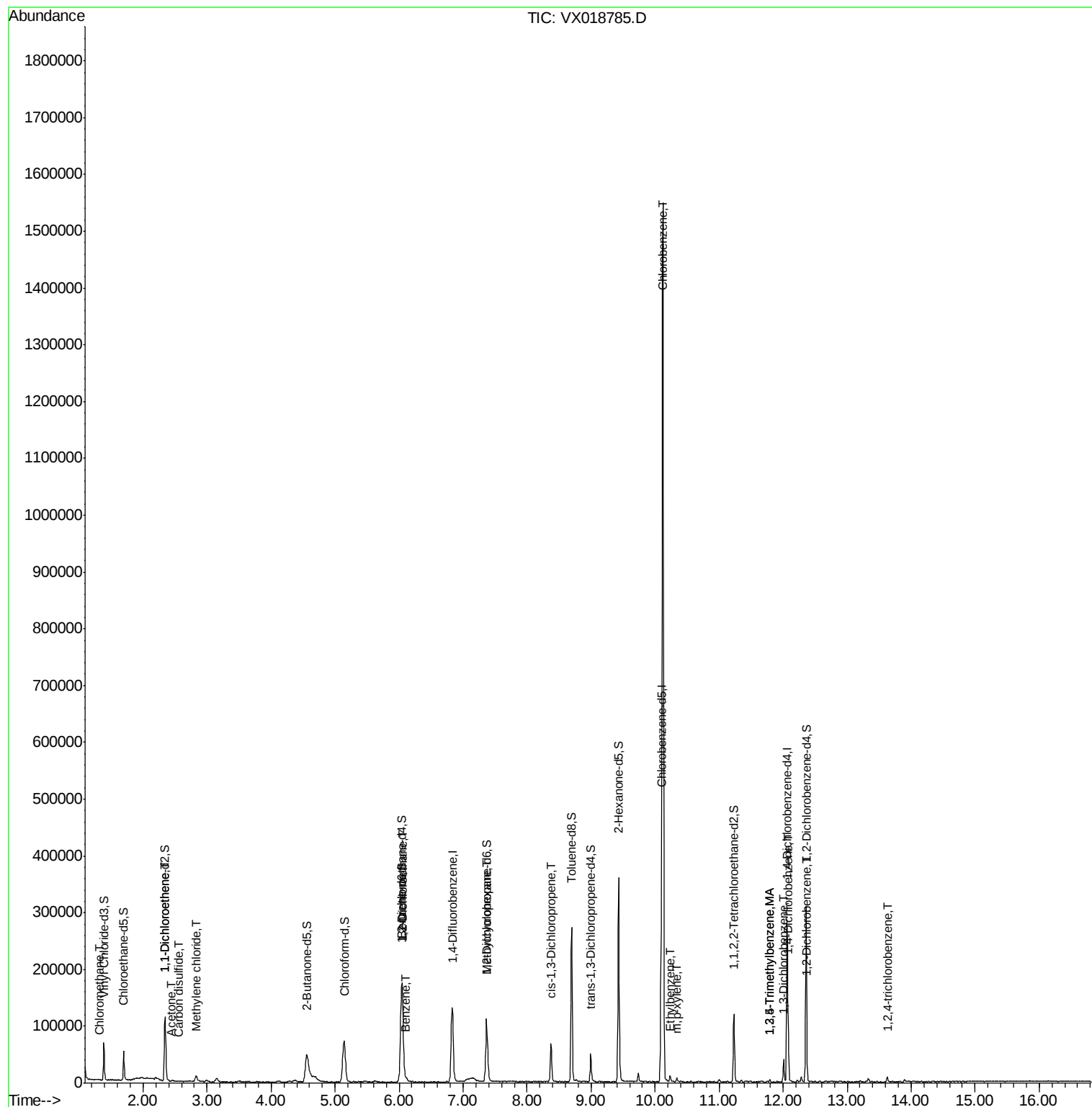
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
69) 1,2,4-trichlorobenzene	13.63	180	1700	0.196	ug/L #	87
-----	-----	-----	-----	-----	-----	-----

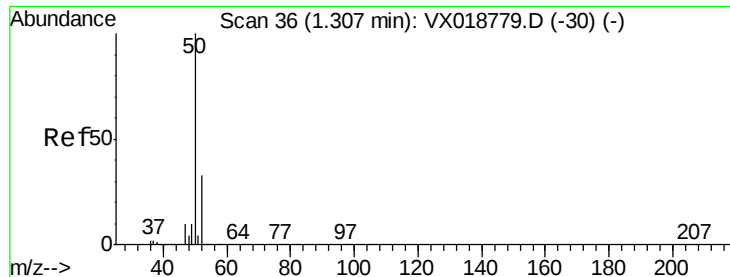
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018785.D
Acq On : 05 Oct 2020 23:51
Operator : JC/SP
Sample : L4240-06 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3R5

Quant Time: Oct 06 06:07:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.099 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampled :

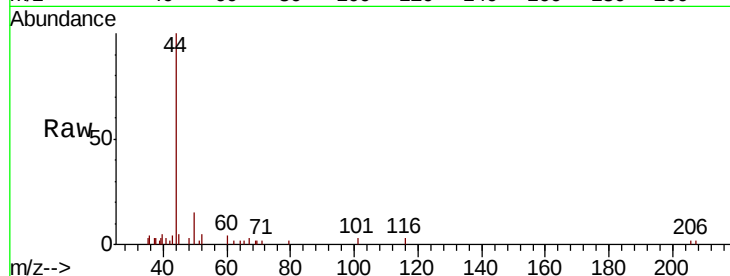
BG3R5

Tot Ion: 50 Resp: 612

Ion Ratio Lower Upper

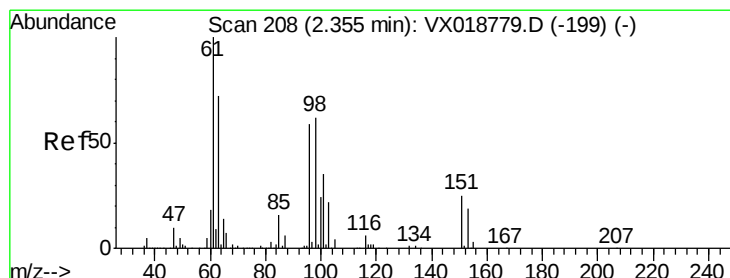
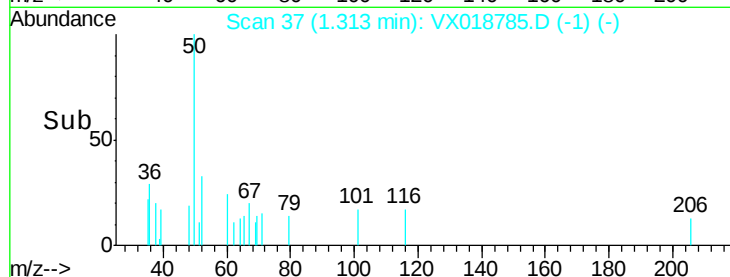
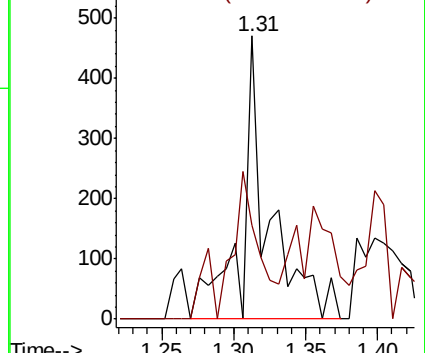
50 100

52 33.2 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.34 min Scan# 205

Delta R.T. -0.02 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

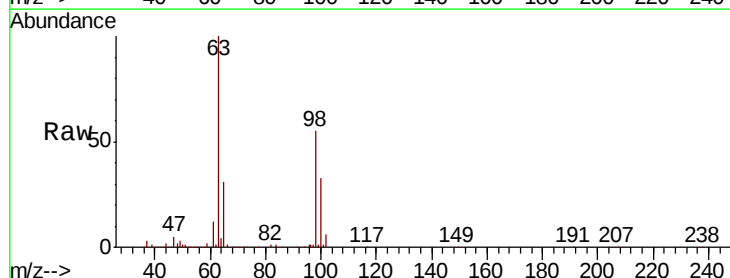
Tgt Ion: 96 Resp: 778

Ion Ratio Lower Upper

96 100

61 772.7 133.2 247.4#

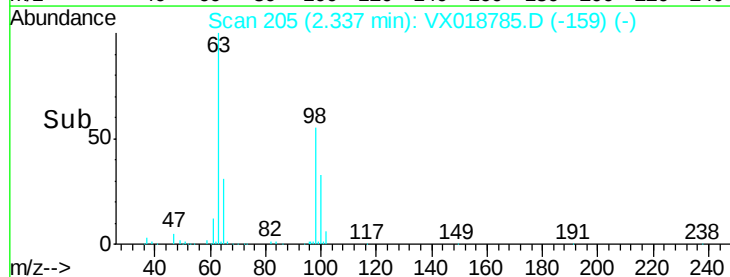
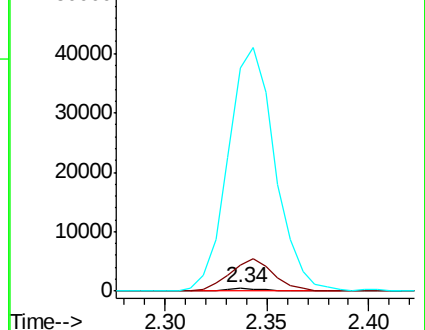
63 6495.5 115.1 213.7#

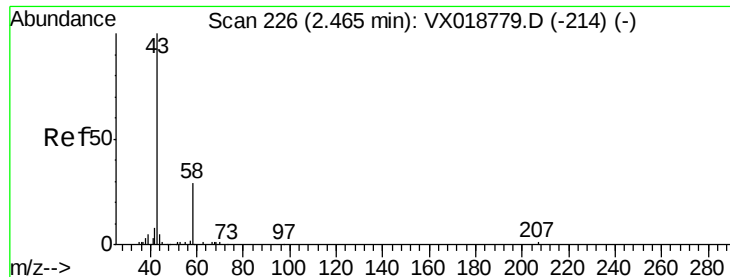


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 0.726 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.02 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampled :

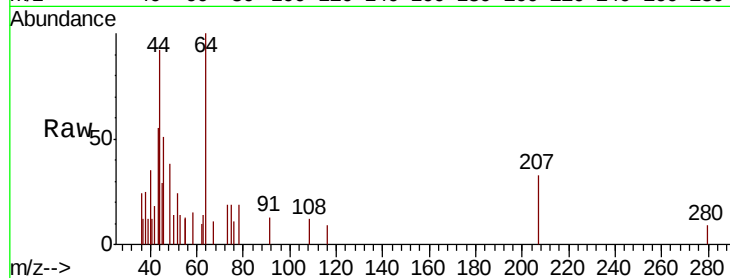
BG3R5

Tot Ion: 43 Resp: 780

Ion Ratio Lower Upper

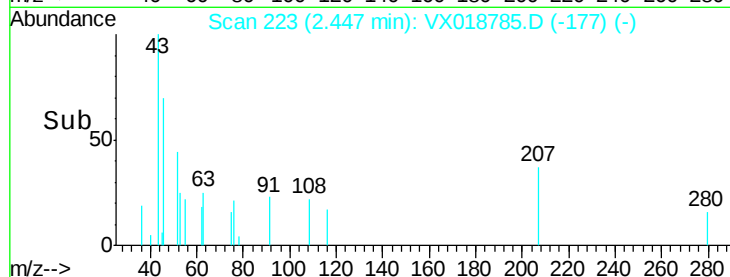
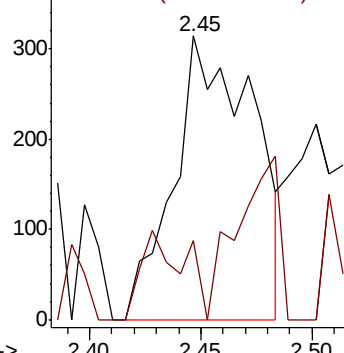
43 100

58 16.8 0.0 56.4

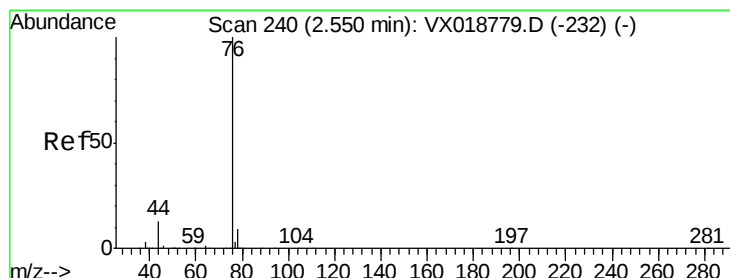


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



Time-->



#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018785.D

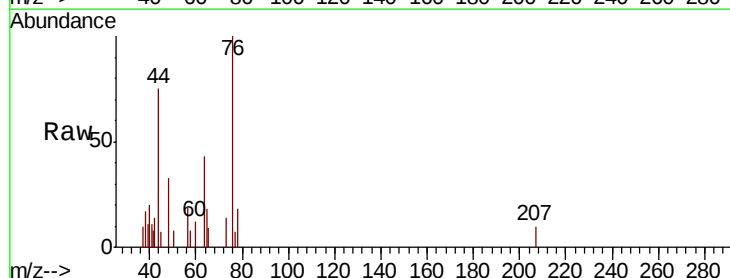
Acq: 05 Oct 2020 23:51

Tgt Ion: 76 Resp: 1691

Ion Ratio Lower Upper

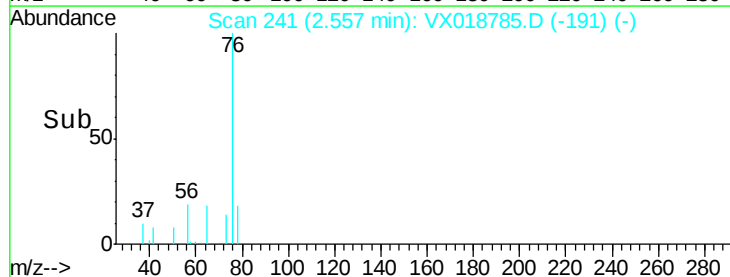
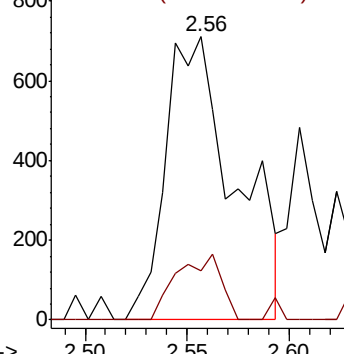
76 100

78 17.6 7.4 11.2#

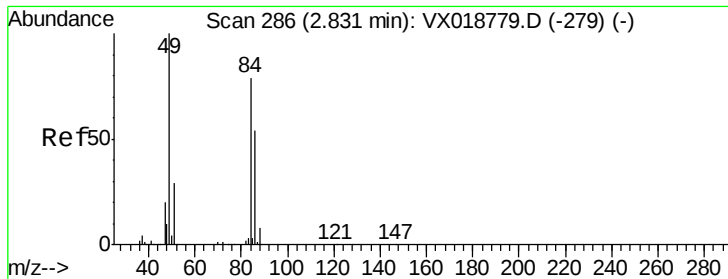


Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



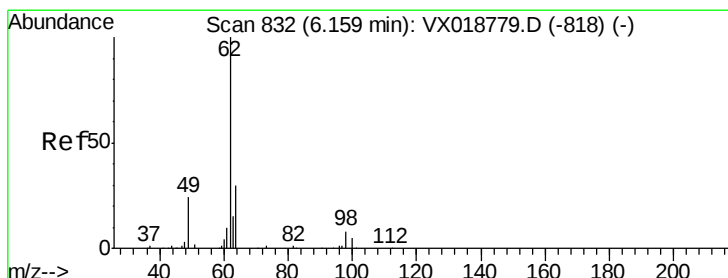
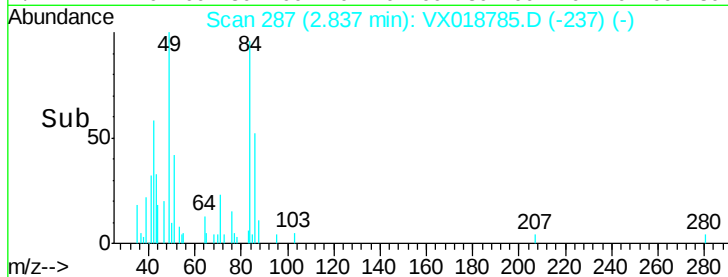
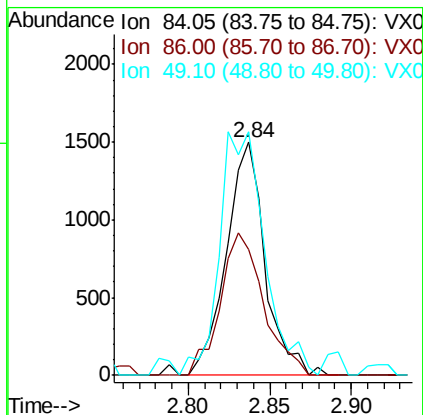
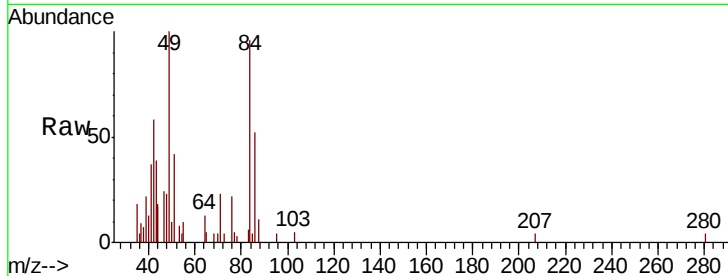
Time-->



#16
Methvlene chloride
Concen: 0.319 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

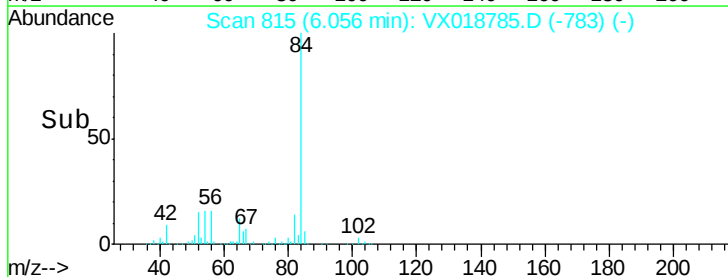
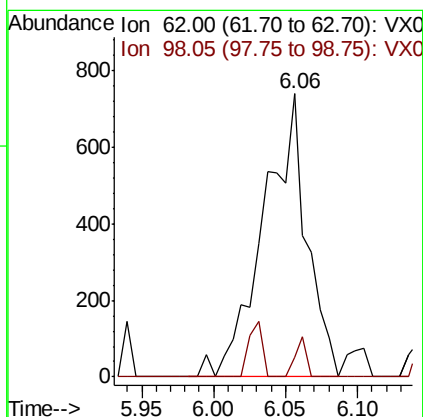
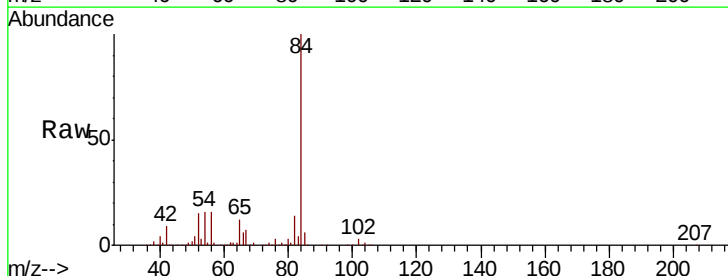
Instrument :
MSVOA_X
ClientSampled :
BG3R5

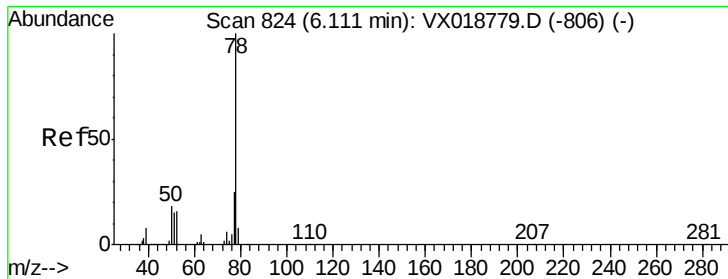
Tot Ion: 84 Resp: 2474
Ion Ratio Lower Upper
84 100
86 53.9 45.6 84.8
49 115.1 85.8 159.3



#27
1,2-Dichloroethane
Concen: 0.153 ug/L
RT: 6.06 min Scan# 815
Delta R.T. -0.10 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

Tgt Ion: 62 Resp: 1544
Ion Ratio Lower Upper
62 100
98 7.2 5.8 8.8





#33

Benzene

Concen: 0.222 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

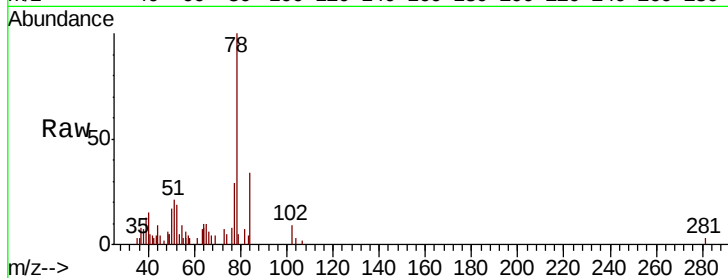
Instrument :

MSVOA_X

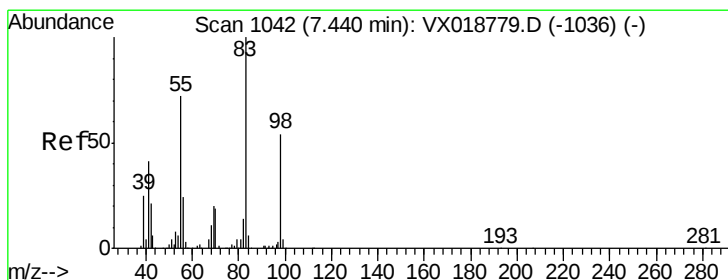
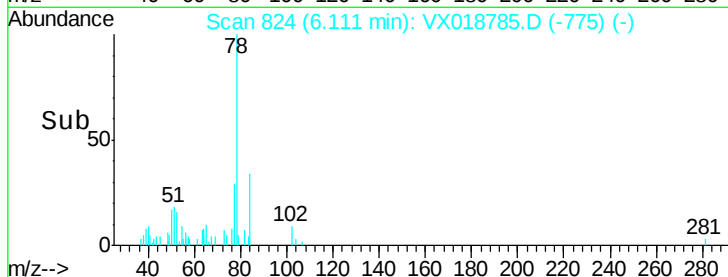
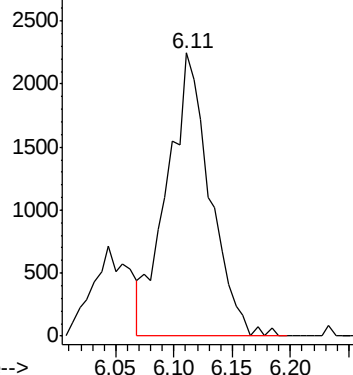
ClientSampleId :

BG3R5

Tgt Ion: 78 Resp: 5753



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 1.294 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

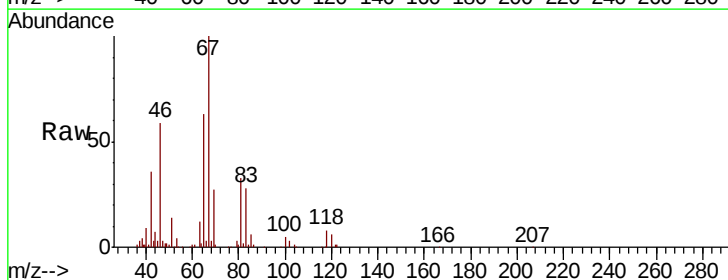
Tgt Ion: 83 Resp: 14060

Ion Ratio Lower Upper

83 100

55 0.8 60.3 90.5#

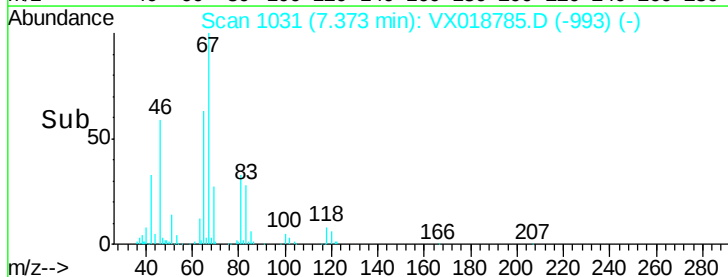
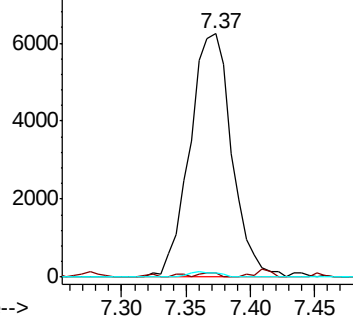
98 1.5 39.4 59.0#

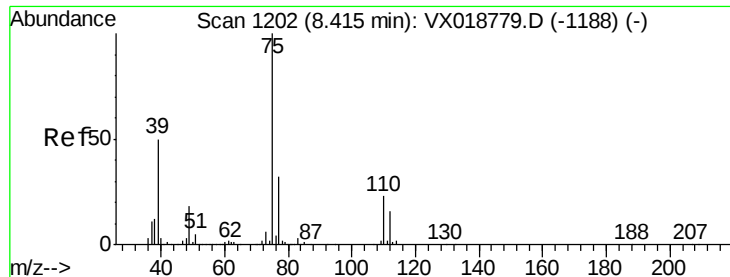


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0



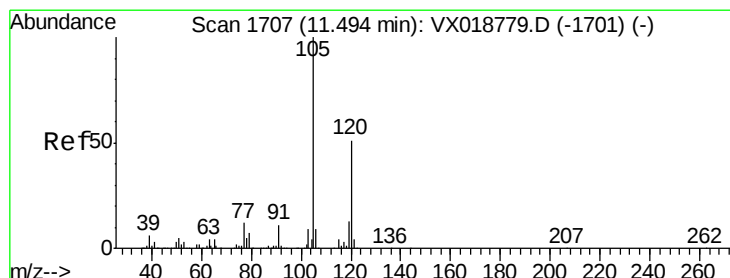
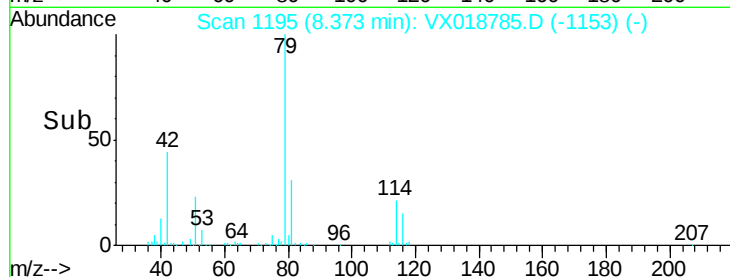
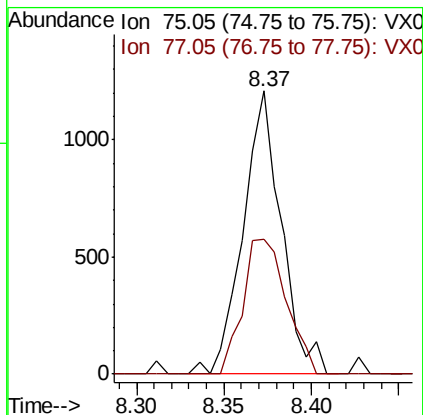
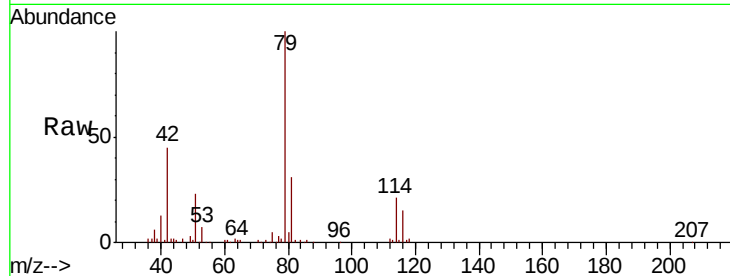


#39

cis-1,3-Dichloropropene
Concen: 0.176 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

Instrument :
MSVOA_X
ClientSampled :
BG3R5

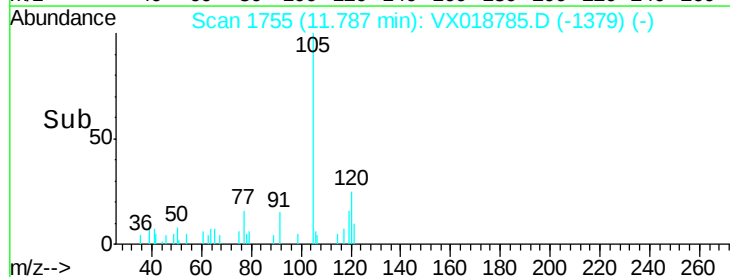
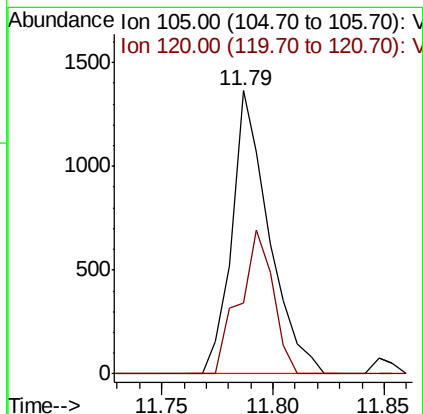
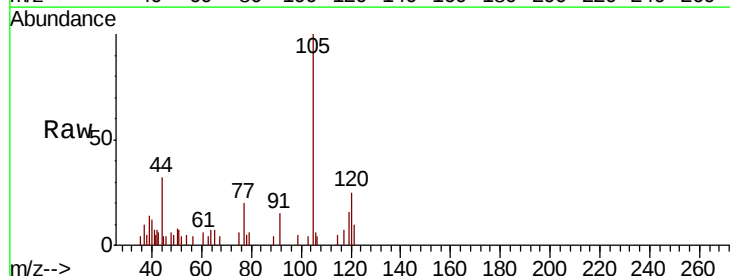
Tot Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
77 47.8 22.5 41.7#

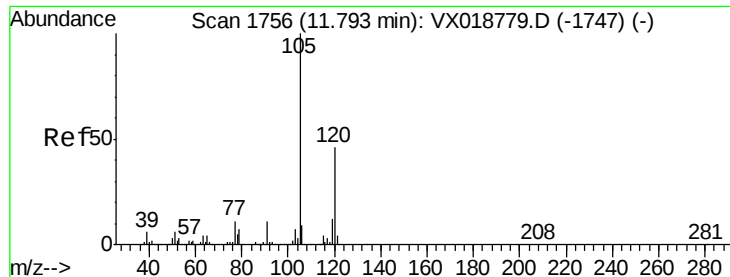


#43

1,3,5-Trimethylbenzene
Concen: 0.059 ug/L
RT: 11.79 min Scan# 1755
Delta R.T. 0.29 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

Tgt Ion:105 Resp: 1579
Ion Ratio Lower Upper
105 100
120 45.9 37.7 56.5





#44

1,2,4-Trimethylbenzene

Concen: 0.058 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.01 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampleId :

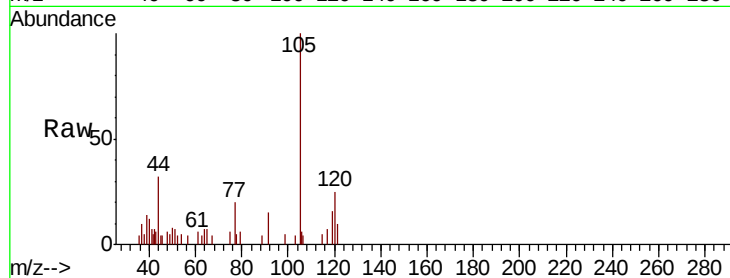
BG3R5

Tot Ion:105 Resp: 1579

Ion Ratio Lower Upper

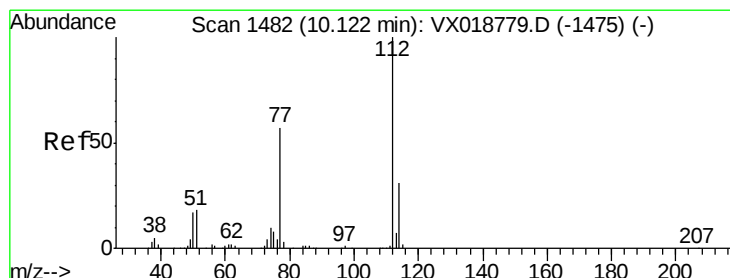
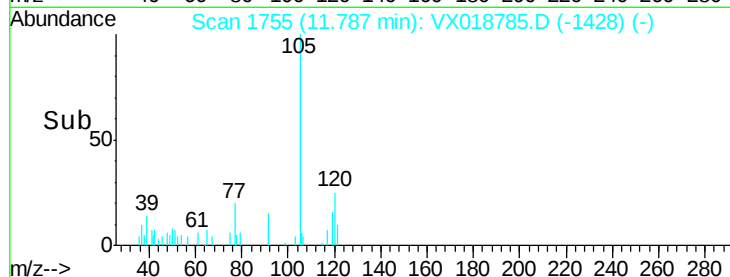
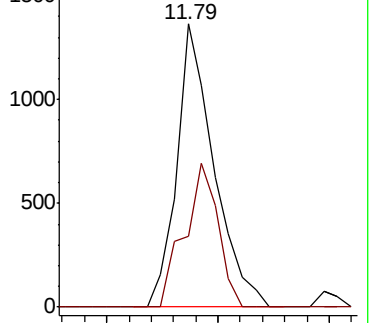
105 100

120 45.9 35.1 52.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#53

Chlorobenzene

Concen: 34.363 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

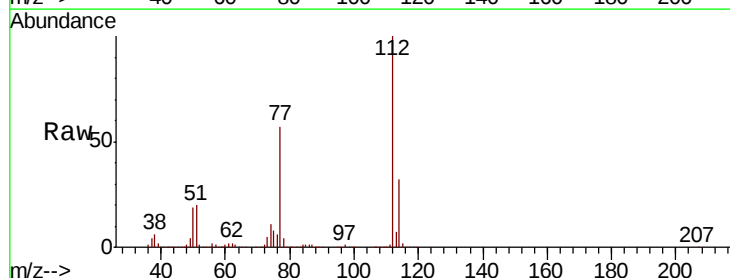
Tgt Ion:112 Resp: 667946

Ion Ratio Lower Upper

112 100

114 32.2 21.3 39.5

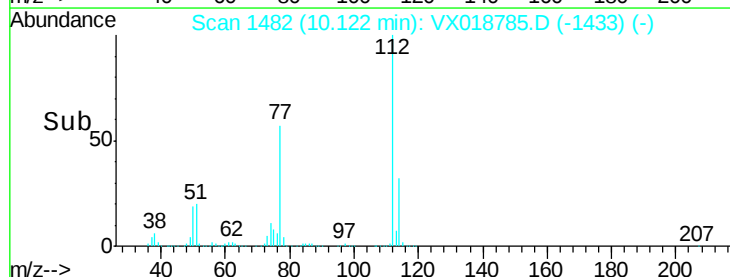
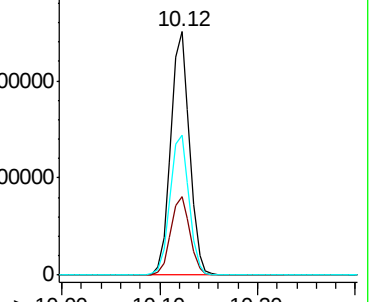
77 57.3 42.4 63.6

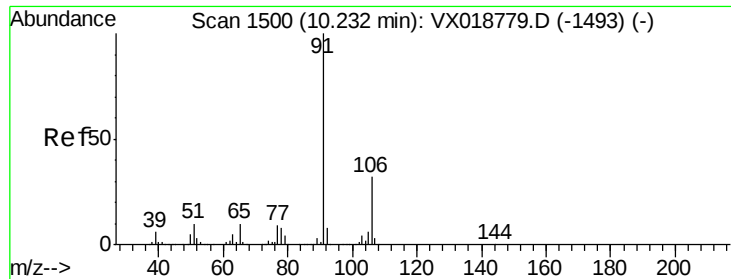


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 0.161 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampled :

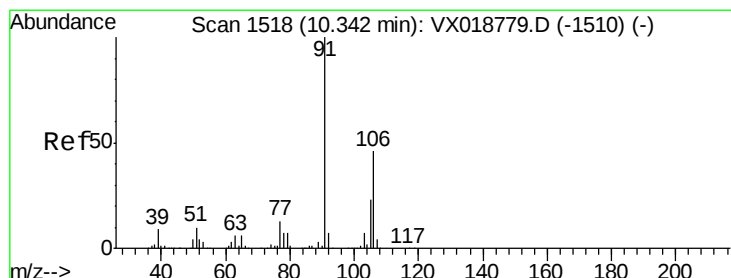
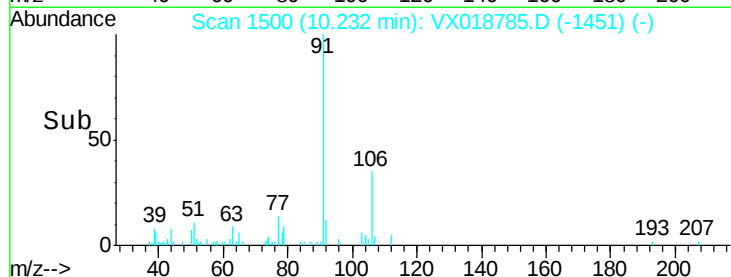
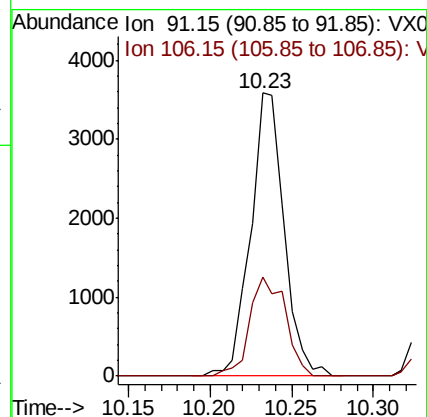
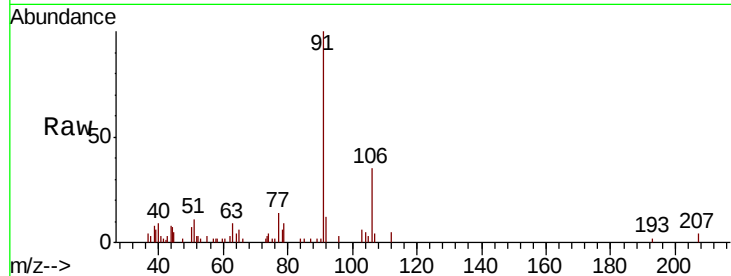
BG3R5

Tot Ion: 91 Resp: 5140

Ion Ratio Lower Upper

91 100

106 34.8 21.5 39.9



#55

m,p-xylene

Concen: 0.124 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018785.D

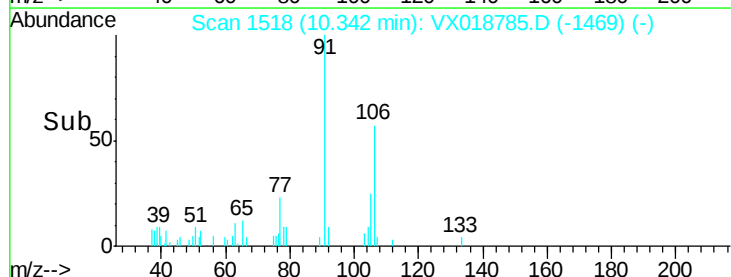
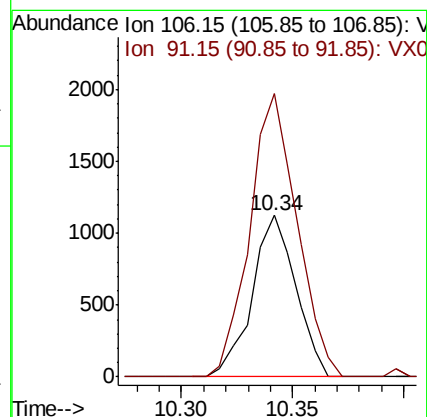
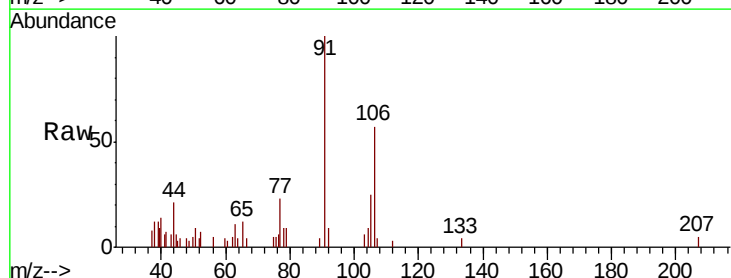
Acq: 05 Oct 2020 23:51

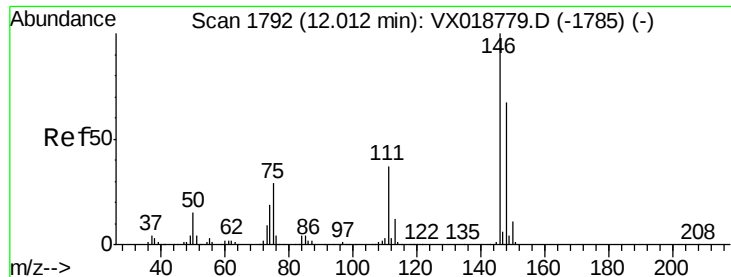
Tgt Ion: 106 Resp: 1537

Ion Ratio Lower Upper

106 100

91 175.3 143.4 266.2

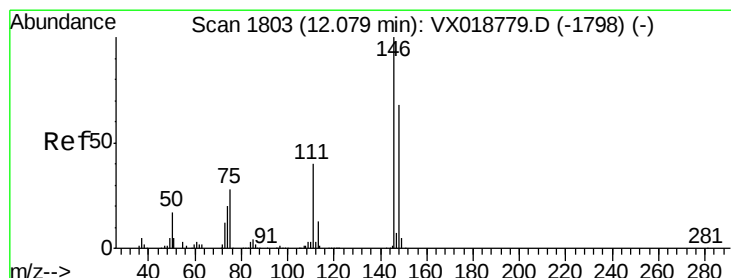
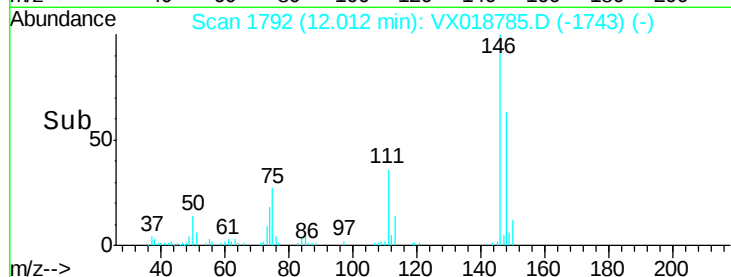
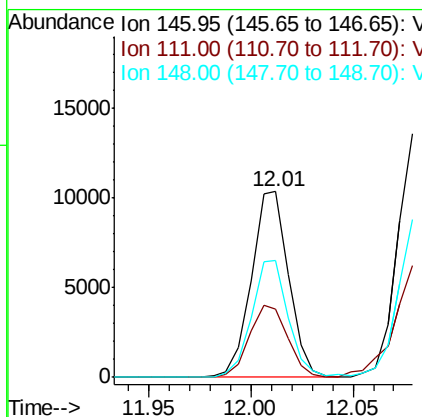
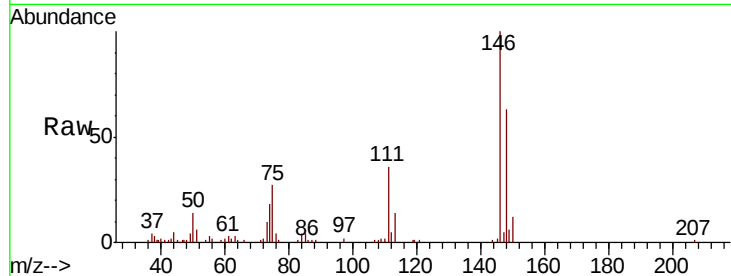




#63
 1,3-Dichlorobenzene
 Concen: 0.973 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

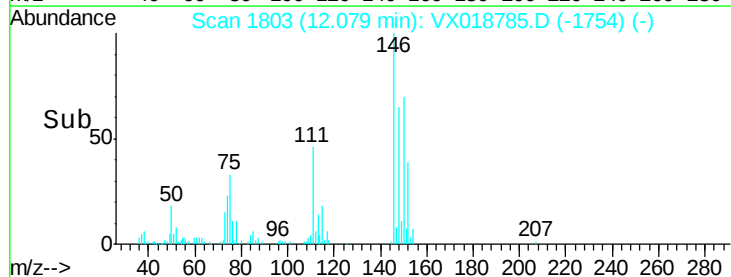
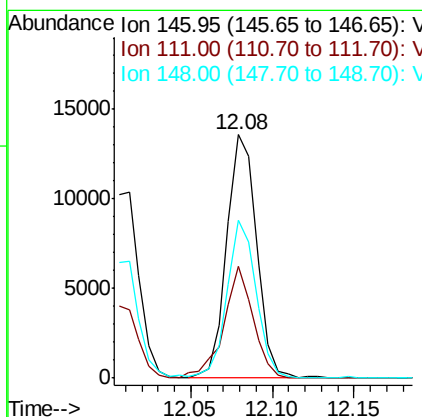
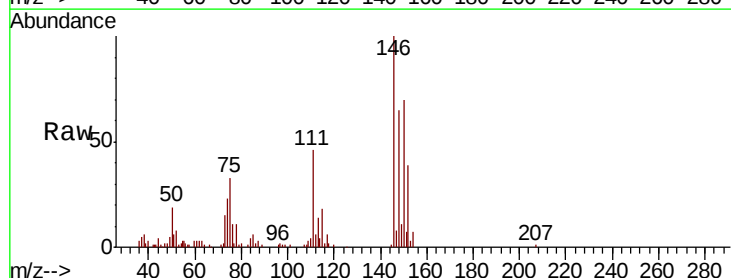
Instrument :
 MSVOA_X
 ClientSampled :
 BG3R5

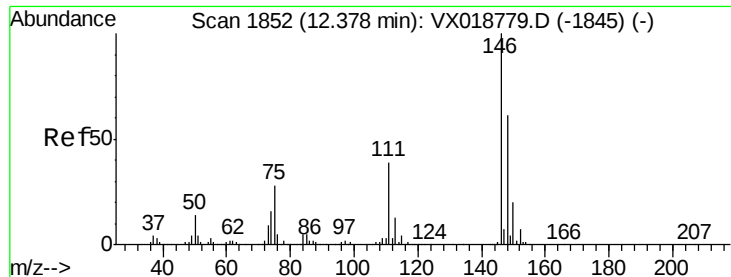
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	28.4	52.8
148	63.2	45.9	85.3



#64
 1,4-Dichlorobenzene
 Concen: 1.282 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	28.6	53.2
148	64.9	44.2	82.0

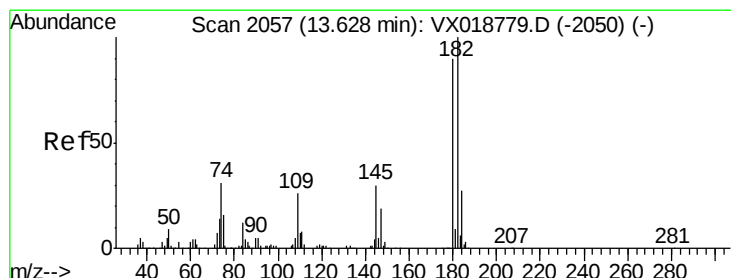
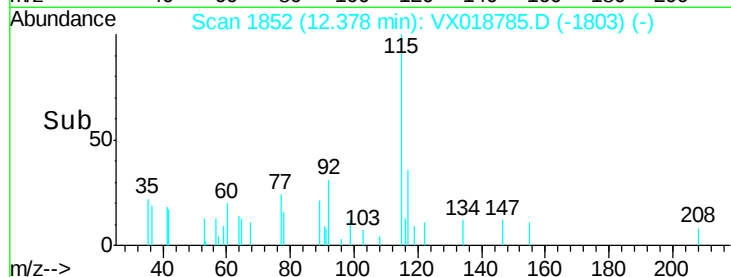
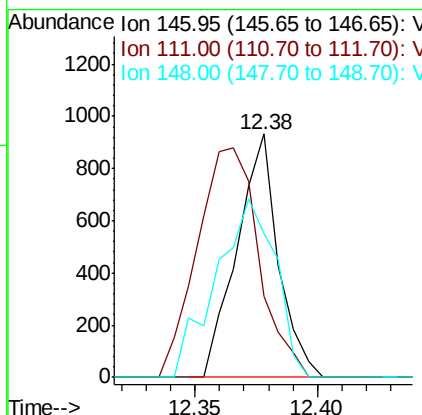
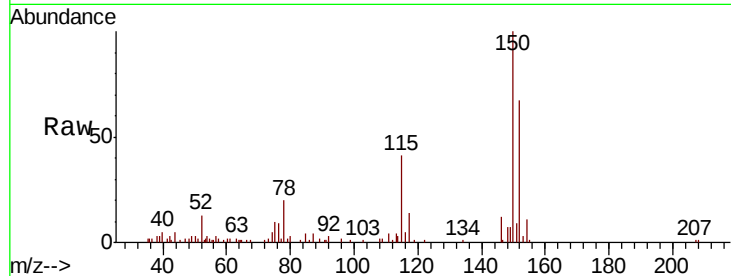




#66
 1,2-Dichlorobenzene
 Concen: 0.086 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R5

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.3	31.7	47.5
148	59.3	49.0	73.6



#69
 1,2,4-trichlorobenzene
 Concen: 0.196 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.5	80.2	120.4
145	44.9	25.2	37.8

