

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019173.D
 Acq On : 28 Oct 2020 19:34
 Operator : JC/MD
 Sample : VX1028WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK301

Quant Time: Oct 29 06:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 06:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	198588	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	177391	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	80997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62087	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.70	69	52004	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.34	63	90019	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.56	46	136880	48.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.50%
24) Chloroform-d	5.14	84	114426	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	6.03	65	62981	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	6.05	84	238613	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	7.37	67	68505	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	8.70	98	222357	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.99	79	27813	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	9.43	63	128685	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	50744	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	74362	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

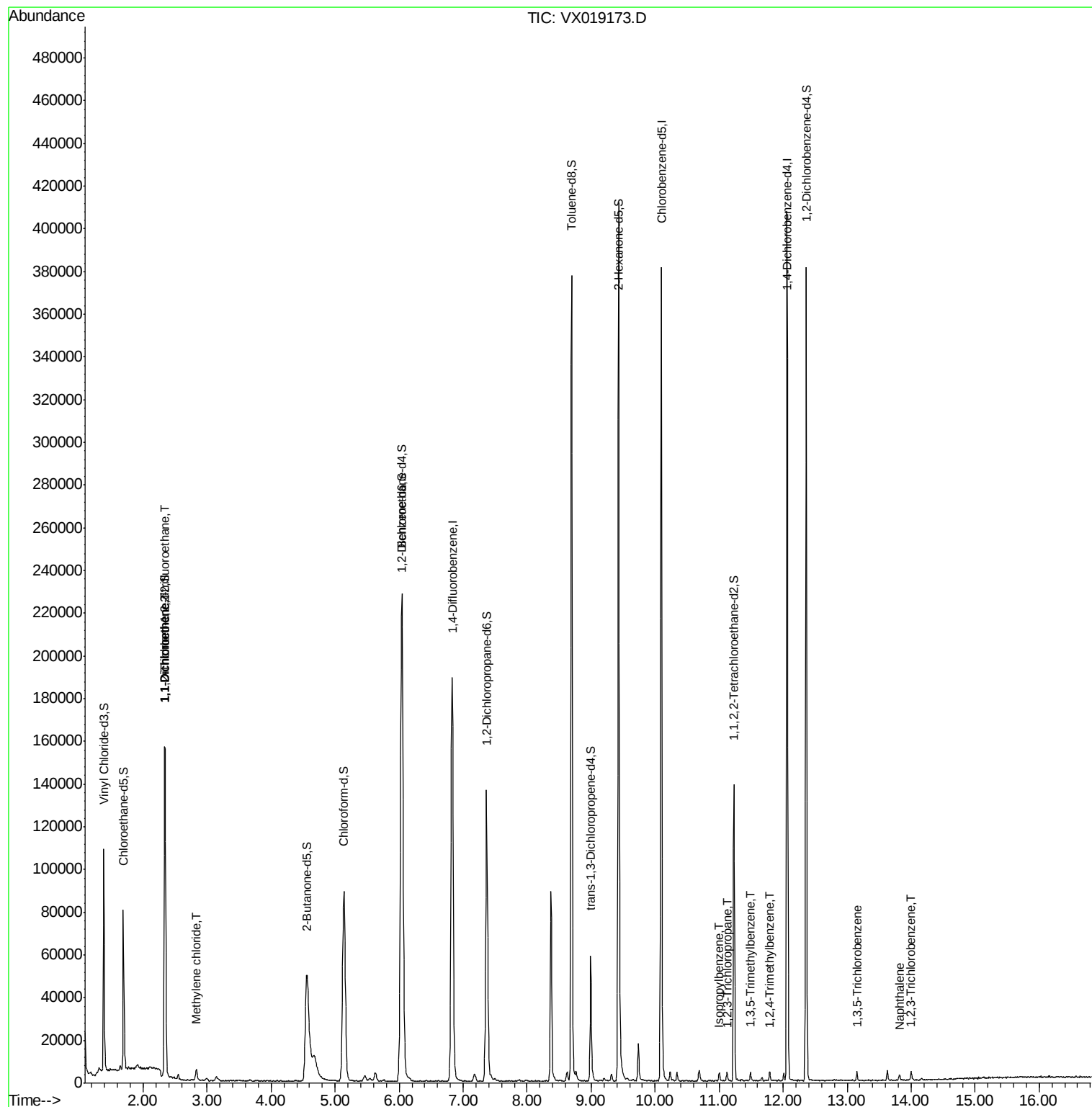
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1322	0.101 ug/L #	50
12) 1,1-Dichloroethene	2.35	96	1284	0.101 ug/L #	1
16) Methylene chloride	2.83	84	2478	0.163 ug/L	98
60) Isopropylbenzene	11.01	105	2256	0.038 ug/L	95
61) 1,2,3-Trichloropropane	11.12	75	588	0.081 ug/L #	35
62) 1,3,5-Trimethylbenzene	11.49	105	1832	0.037 ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	2055	0.041 ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	1009	0.052 ug/L	97
71) Naphthalene	13.82	128	1958	0.064 ug/L	97
72) 1,2,3-Trichlorobenzene	14.01	180	1245	0.083 ug/L	89

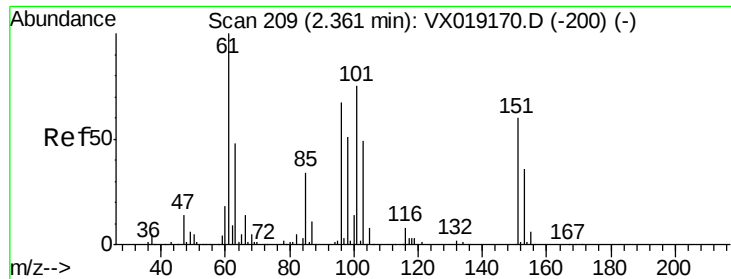
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102920\
Data File : VX019173.D
Acq On : 28 Oct 2020 19:34
Operator : JC/MD
Sample : VX1028WBL01
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK301

Quant Time: Oct 29 06:34:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.101 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VBLK301

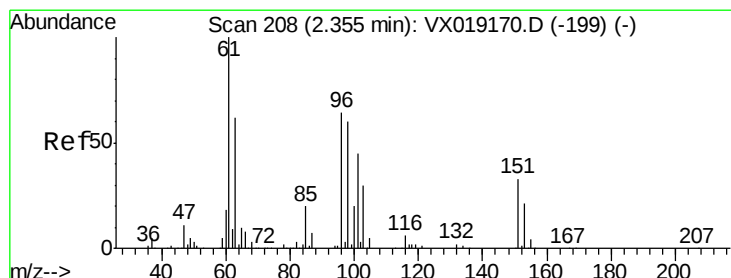
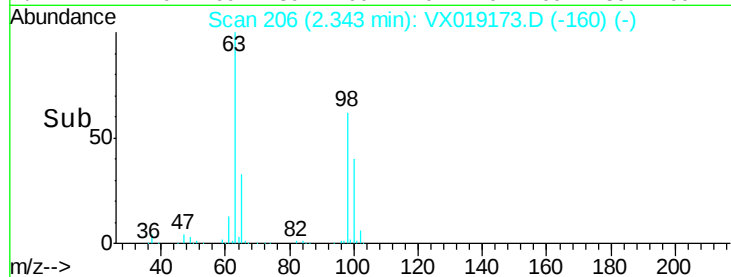
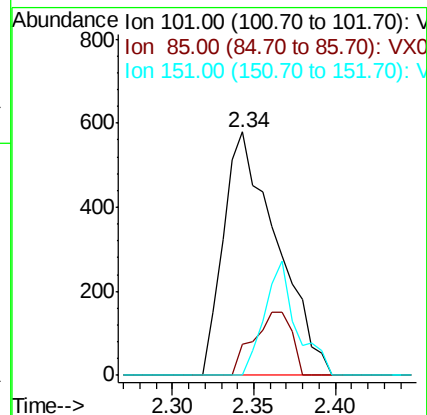
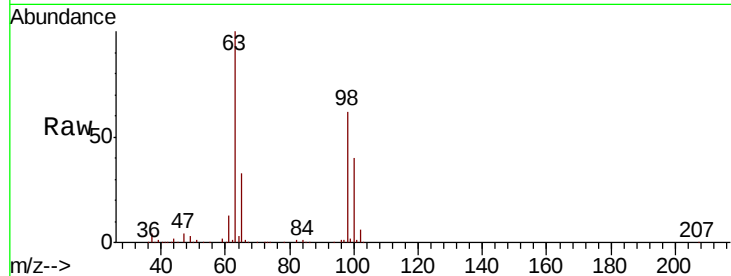
Tot Ion:101 Resp: 1322

Ion Ratio Lower Upper

101 100

85 18.5 35.3 52.9#

151 28.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

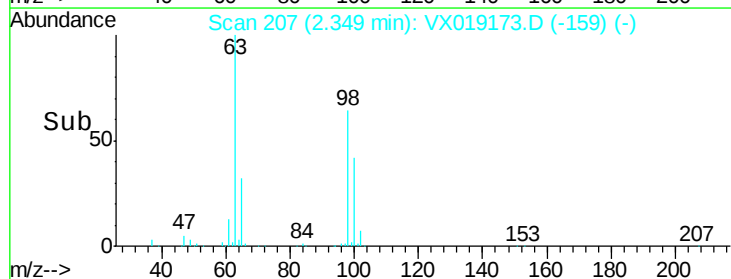
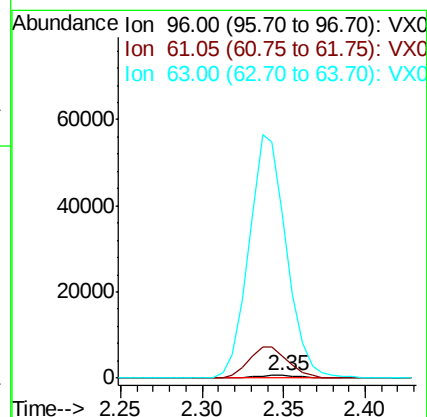
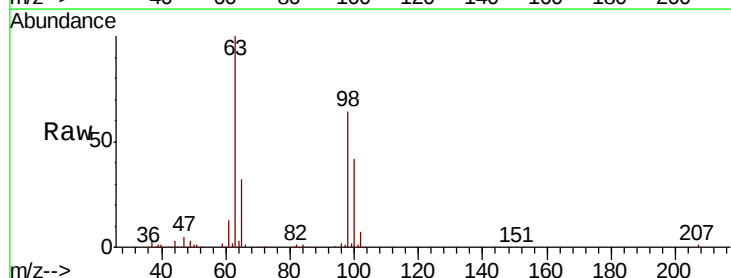
Tgt Ion: 96 Resp: 1284

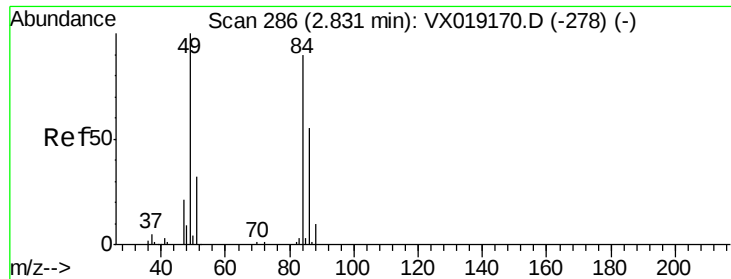
Ion Ratio Lower Upper

96 100

61 856.6 109.5 203.3#

63 6378.7 68.3 126.9#

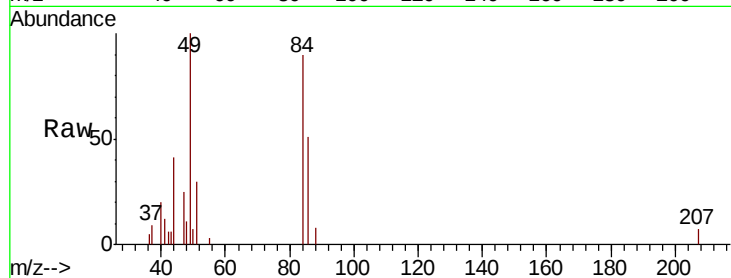




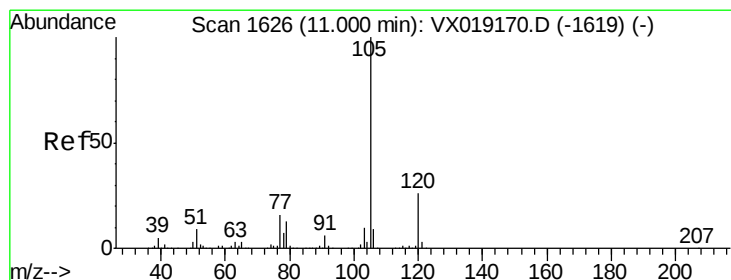
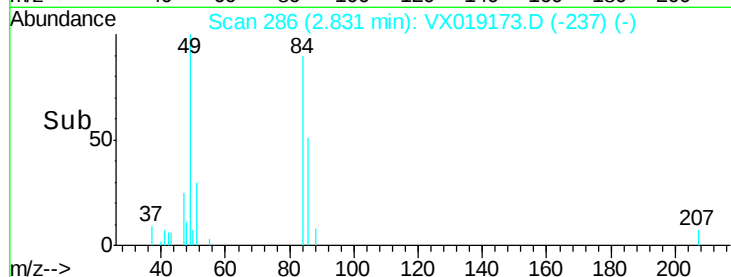
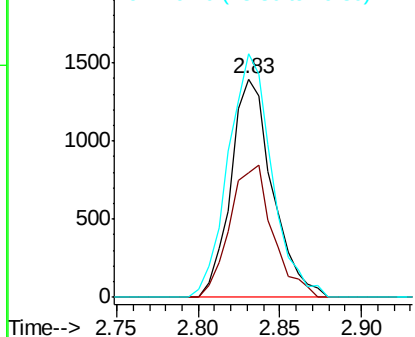
#16
Methvlene chloride
Concen: 0.163 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019173.D
Acq: 28 Oct 2020 19:34

Instrument :
MSVOA_X
ClientSampleId :
VBLK301

Tot Ion: 84 Resp: 2478
Ion Ratio Lower Upper
84 100
86 56.9 42.2 78.4
49 111.6 77.5 143.9

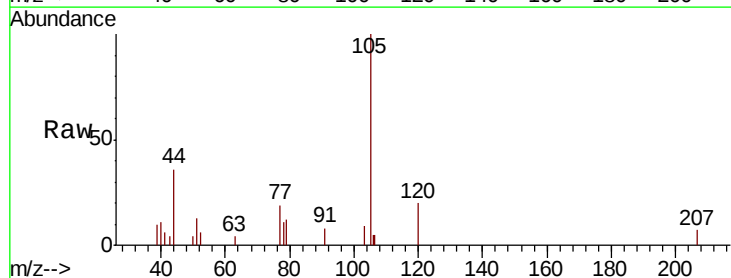


Abundance Ion 84.05 (83.75 to 84.75): VX0
Ion 86.00 (85.70 to 86.70): VX0
Ion 49.10 (48.80 to 49.80): VX0

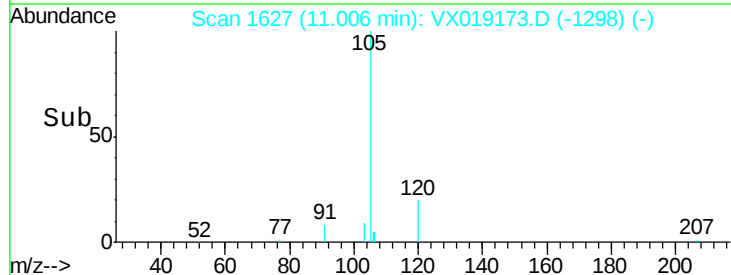
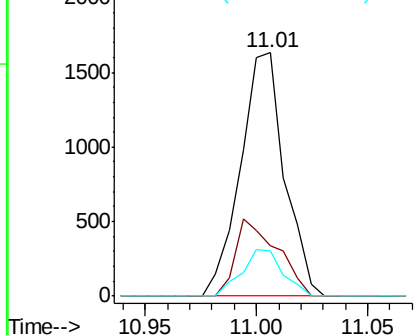


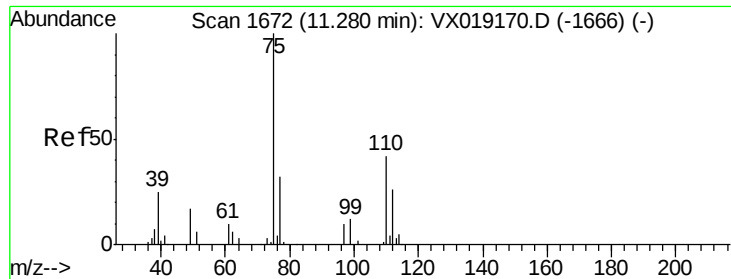
#60
Isopropylbenzene
Concen: 0.038 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX019173.D
Acq: 28 Oct 2020 19:34

Tgt Ion: 105 Resp: 2256
Ion Ratio Lower Upper
105 100
120 29.9 21.4 32.2
77 17.6 12.9 19.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VX0





#61

1,2,3-Trichloropropane

Concen: 0.081 ug/L

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VBLK301

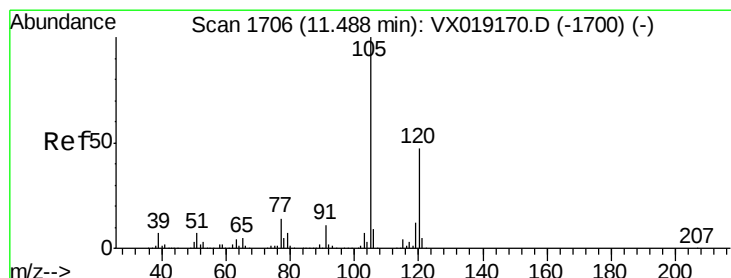
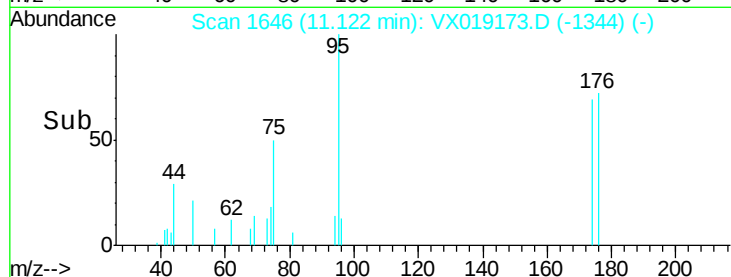
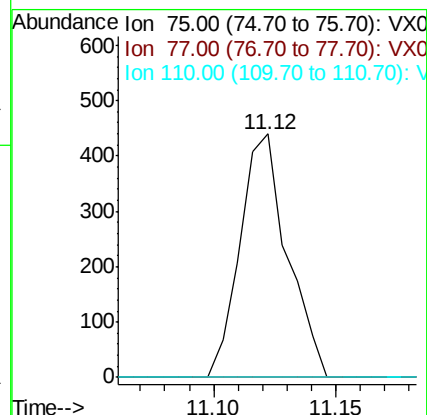
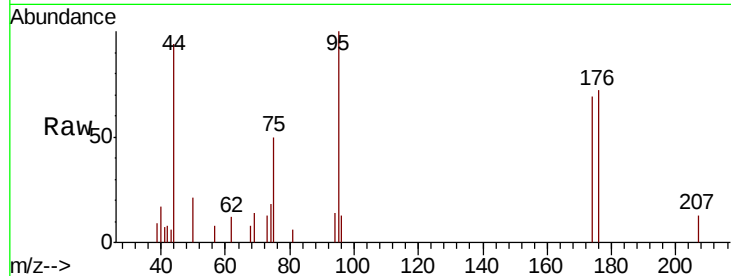
Tot Ion: 75 Resp: 588

Ion Ratio Lower Upper

75 100

77 67.7 25.6 38.4#

110 0.0 32.4 48.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.037 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019173.D

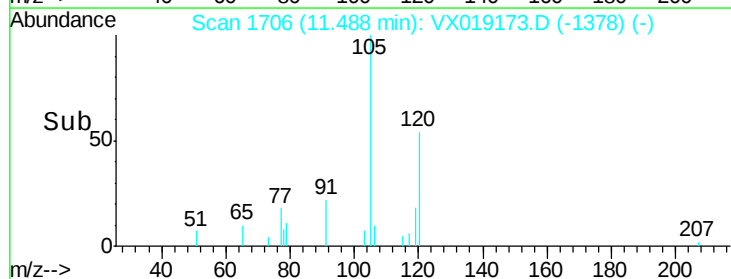
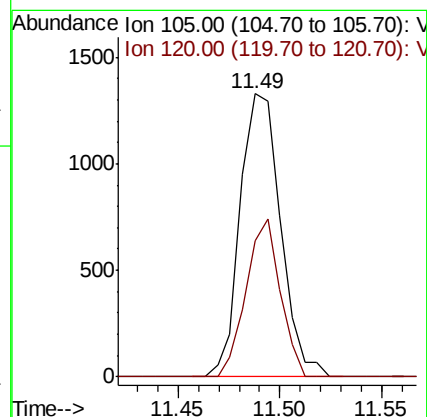
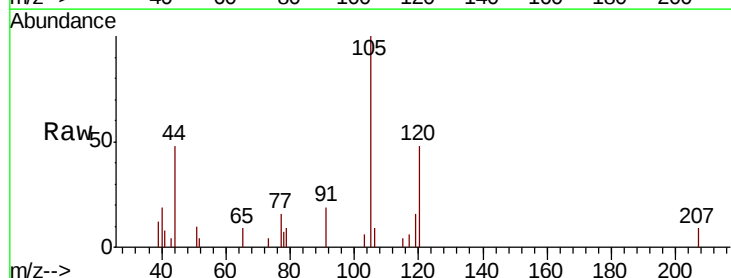
Acq: 28 Oct 2020 19:34

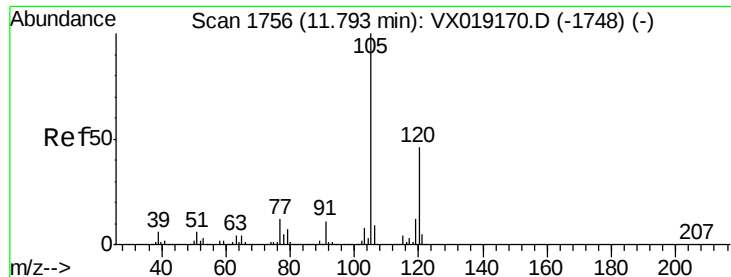
Tgt Ion: 105 Resp: 1832

Ion Ratio Lower Upper

105 100

120 46.9 38.9 58.3





#63

1,2,4-Trimethylbenzene

Concen: 0.041 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

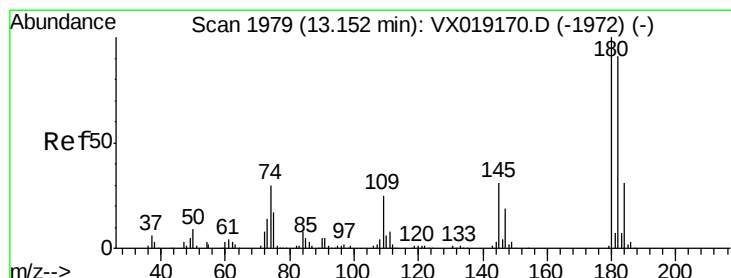
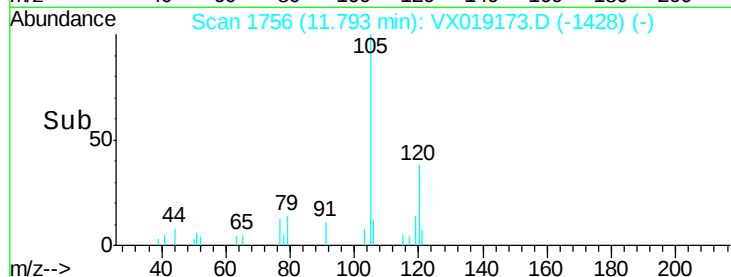
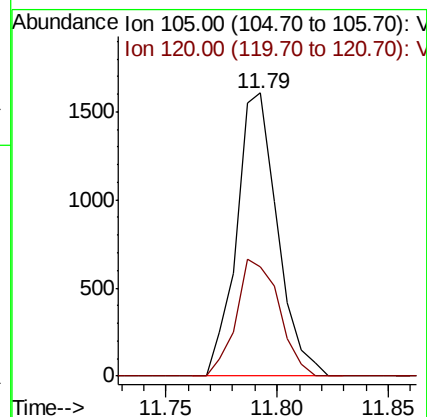
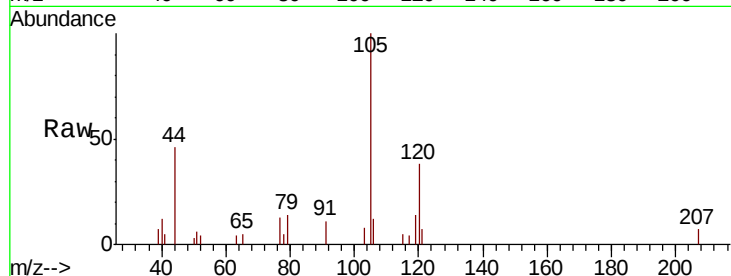
VBLK301

Tot Ion:105 Resp: 2055

Ion Ratio Lower Upper

105 100

120 43.2 36.1 54.1



#69

1,3,5-Trichlorobenzene

Concen: 0.052 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

Tgt Ion:180 Resp: 1009

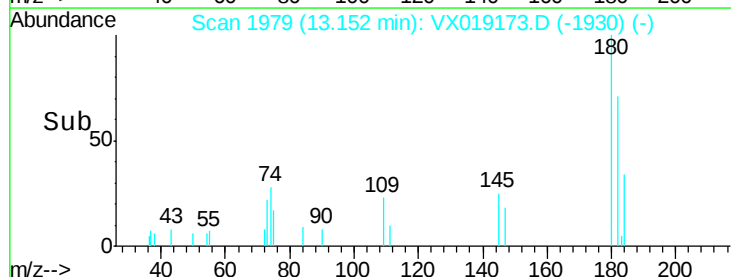
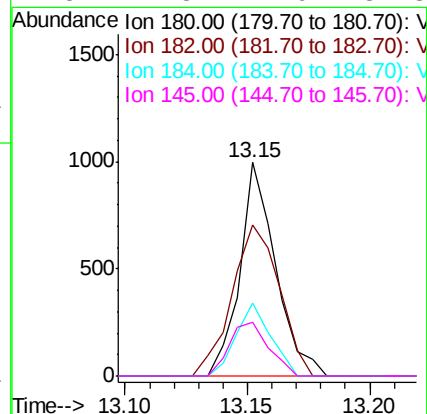
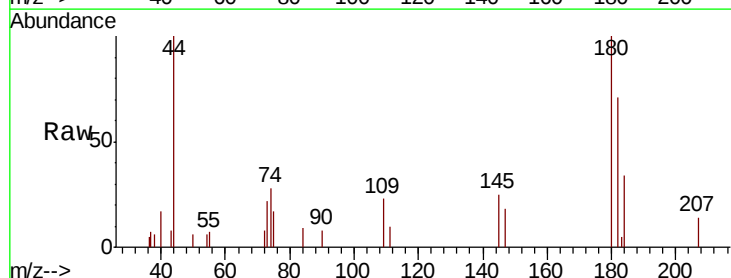
Ion Ratio Lower Upper

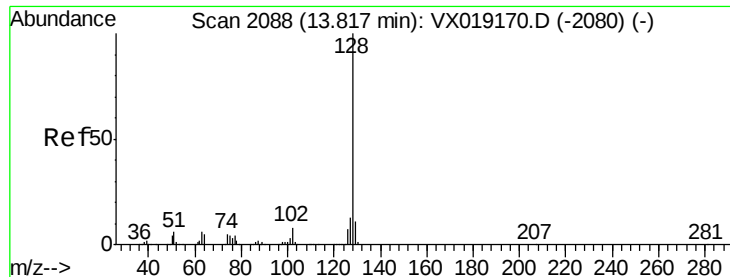
180 100

182 93.6 74.1 111.1

184 33.1 24.4 36.6

145 27.8 24.9 37.3





#71

Naphthalene

Concen: 0.064 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

Instrument :

MSVOA_X

ClientSampleId :

VBLK301

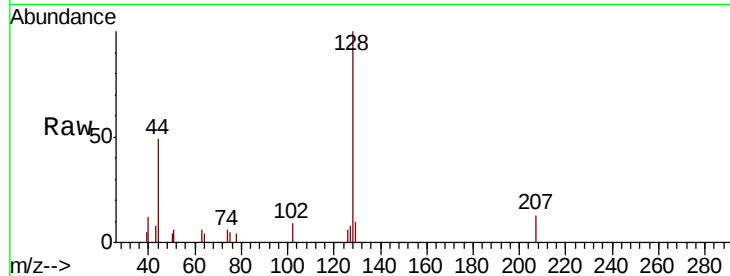
Tot Ion:128 Resp: 1958

Ion Ratio Lower Upper

128 100

129 10.1 8.6 13.0

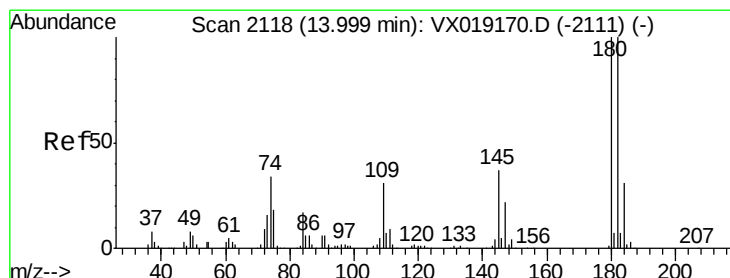
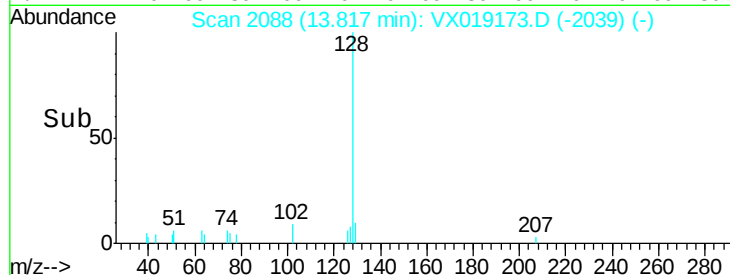
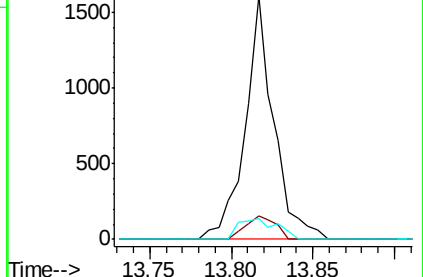
127 11.3 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#72

1,2,3-Trichlorobenzene

Concen: 0.083 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX019173.D

Acq: 28 Oct 2020 19:34

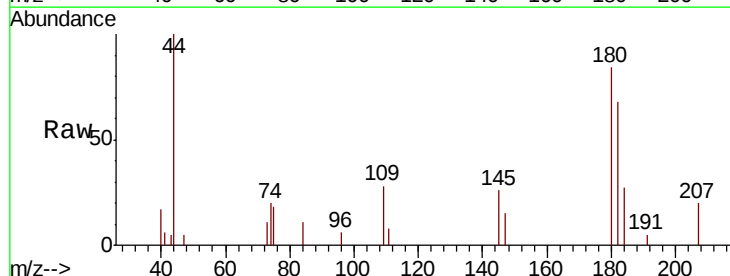
Tgt Ion:180 Resp: 1245

Ion Ratio Lower Upper

180 100

182 85.3 77.0 115.4

145 29.3 27.8 41.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

