

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110120\
 Data File : VX019198.D
 Acq On : 30 Oct 2020 10:33
 Operator : JC/MD
 Sample : VX1101WBL06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK307

Quant Time: Oct 30 15:02:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 30 08:55:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	207473	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	186243	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	86823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62668	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.70	69	54022	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.34	63	94690	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.56	46	155517	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	5.14	84	119844	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	6.03	65	67344	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.04	84	248205	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	72134	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	8.70	98	229949	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.99	79	29436	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	9.43	63	143099	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	55028	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	79156	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

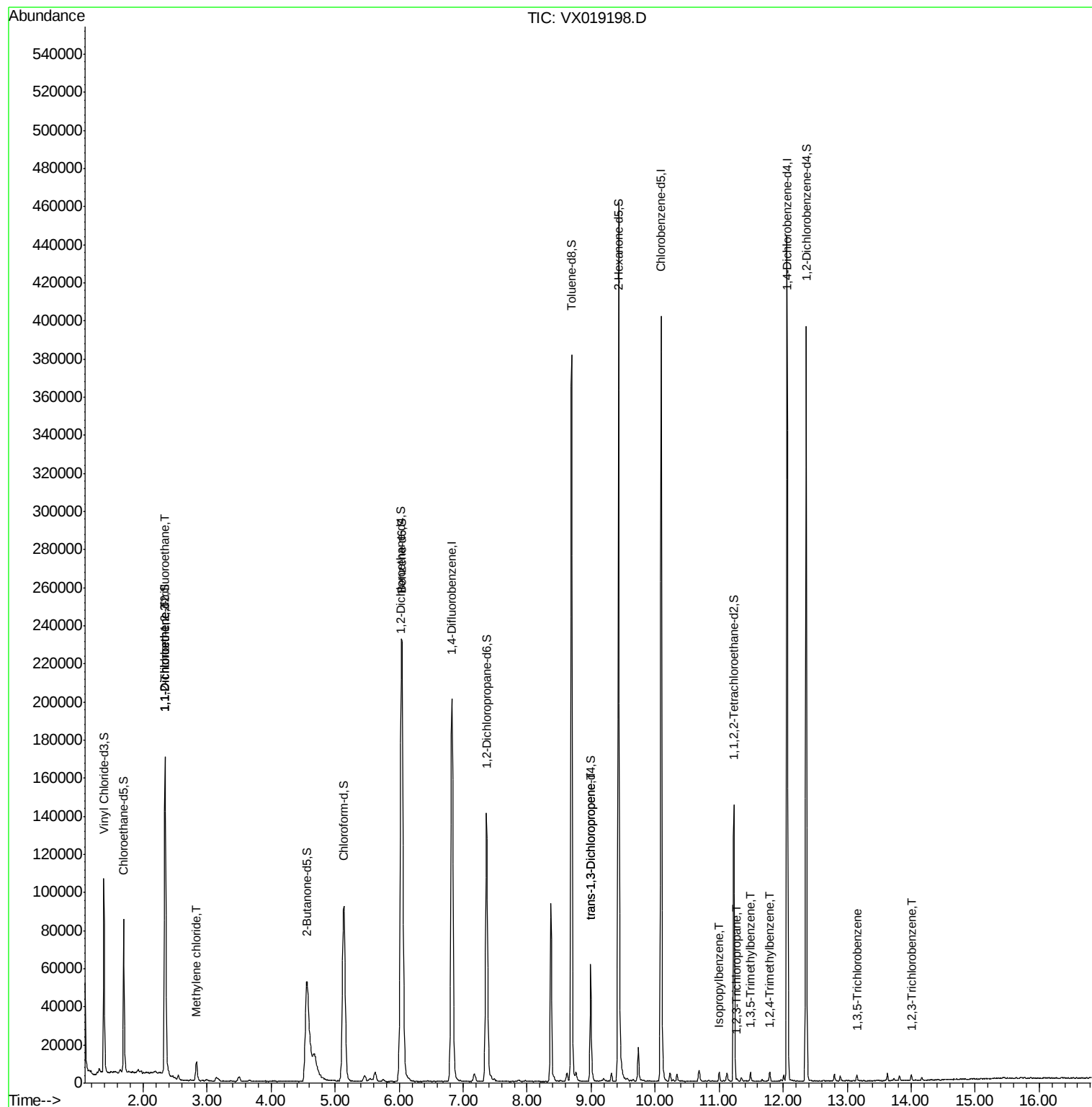
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	1343	0.098	ug/L #	63
12) 1,1-Dichloroethene	2.35	96	1597	0.120	ug/L #	1
16) Methylene chloride	2.83	84	4632	0.292	ug/L	94
44) trans-1,3-Dichloropropene	8.99	75	2031	0.121	ug/L	89
60) Isopropylbenzene	11.00	105	2415	0.038	ug/L	96
61) 1,2,3-Trichloropropene	11.28	75	353	0.045	ug/L #	32
62) 1,3,5-Trimethylbenzene	11.49	105	2017	0.038	ug/L	94
63) 1,2,4-Trimethylbenzene	11.79	105	1969	0.036	ug/L	95
69) 1,3,5-Trichlorobenzene	13.15	180	938	0.045	ug/L #	97
72) 1,2,3-Trichlorobenzene	14.01	180	901	0.056	ug/L #	92

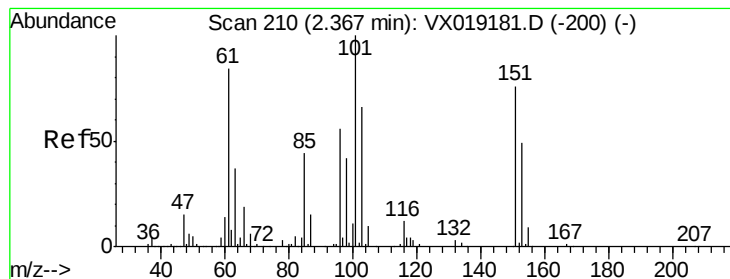
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 30 08:55:33 2020
Response via : Initial Calibration





#10

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

Concen: 0.098 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX019198.D

Acq: 30 Oct 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VBLK307

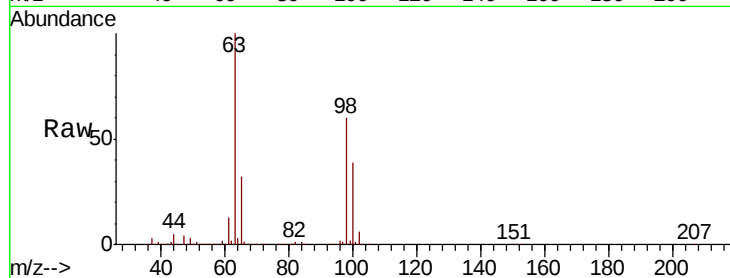
Tot Ion:101 Resp: 1343

Ion Ratio Lower Upper

101 100

85 28.8 35.3 52.9#

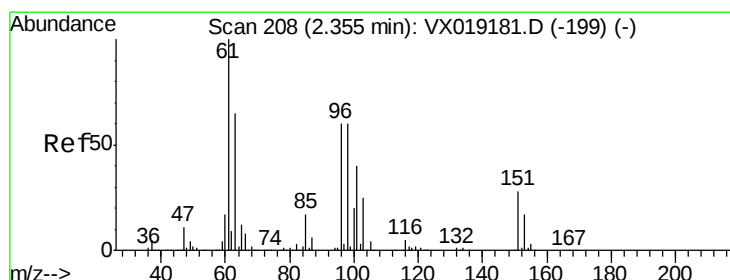
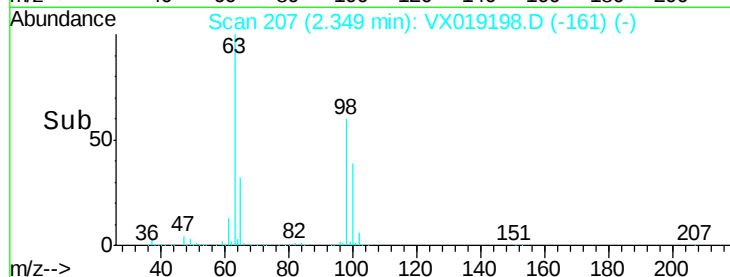
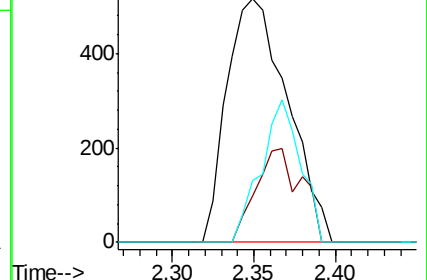
151 37.9 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.120 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019198.D

Acq: 30 Oct 2020 10:33

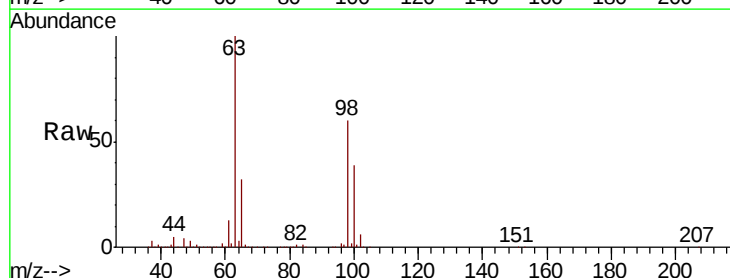
Tgt Ion: 96 Resp: 1597

Ion Ratio Lower Upper

96 100

61 818.4 109.5 203.3#

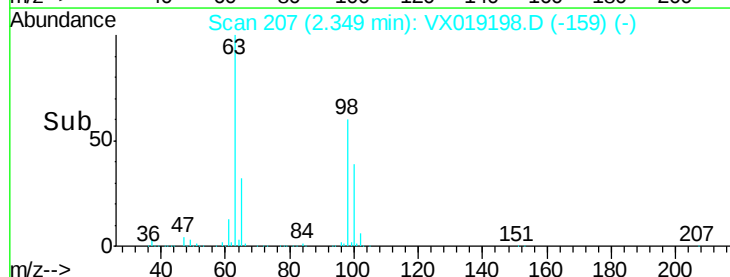
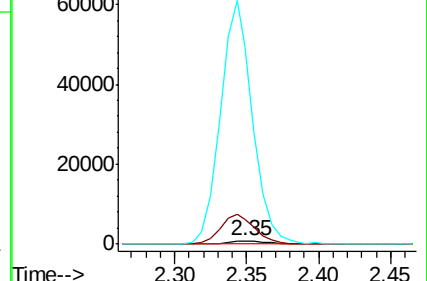
63 6441.7 68.3 126.9#

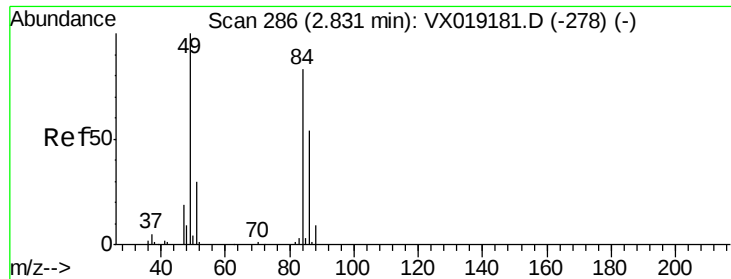


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0

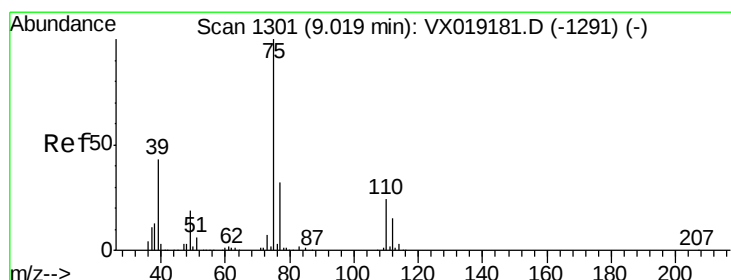
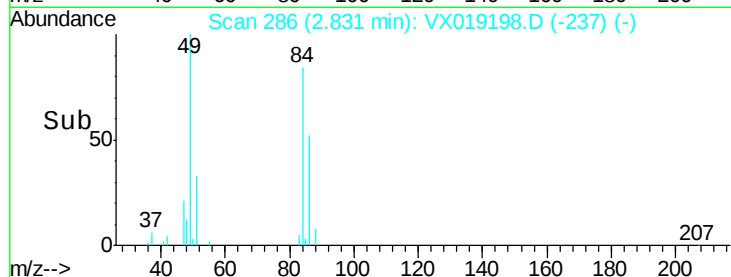
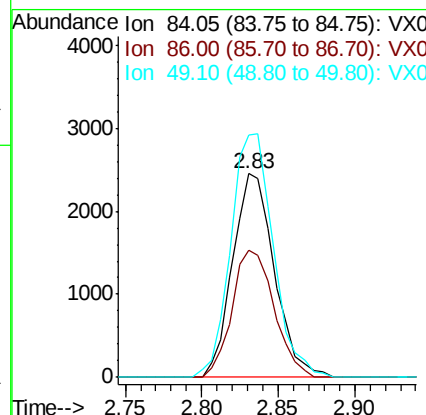
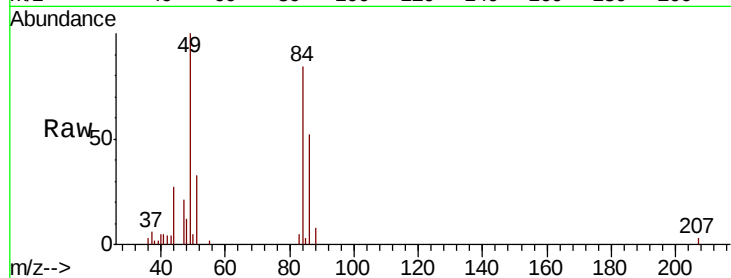




#16
Methvlene chloride
Concen: 0.292 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019198.D
Acq: 30 Oct 2020 10:33

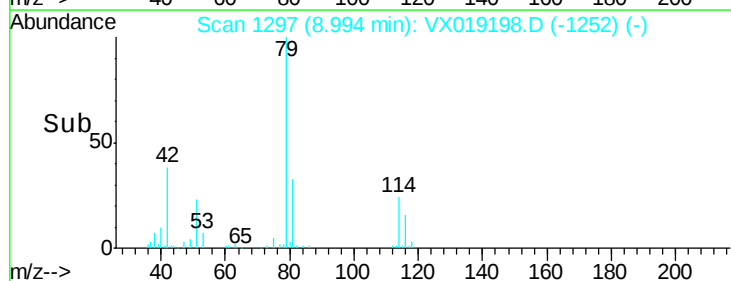
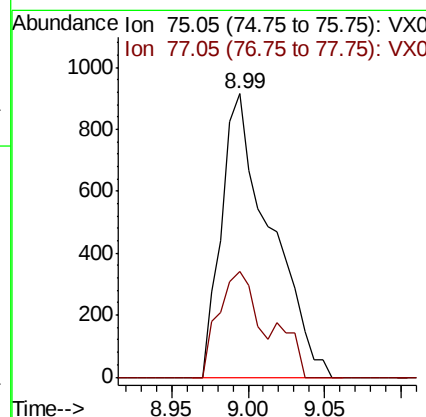
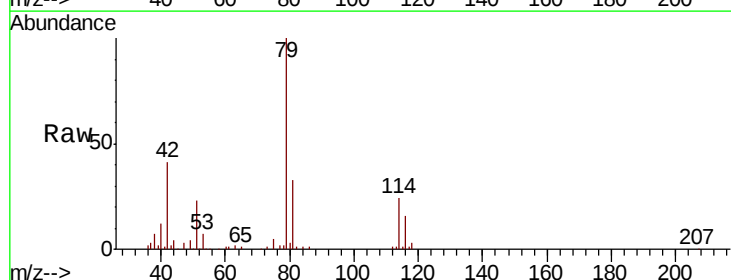
Instrument :
MSVOA_X
ClientSampleId :
VBLK307

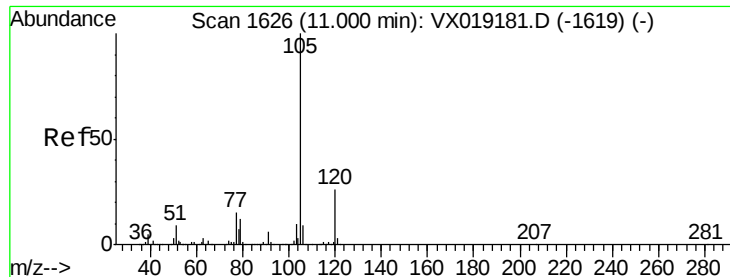
Tot Ion: 84 Resp: 4632
Ion Ratio Lower Upper
84 100
86 62.4 42.2 78.4
49 119.1 77.5 143.9



#44
trans-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 8.99 min Scan# 1297
Delta R.T. -0.02 min
Lab File: VX019198.D
Acq: 30 Oct 2020 10:33

Tgt Ion: 75 Resp: 2031
Ion Ratio Lower Upper
75 100
77 37.2 21.7 40.3





#60

Isopropylbenzene

Concen: 0.038 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019198.D

Acq: 30 Oct 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

VBLK307

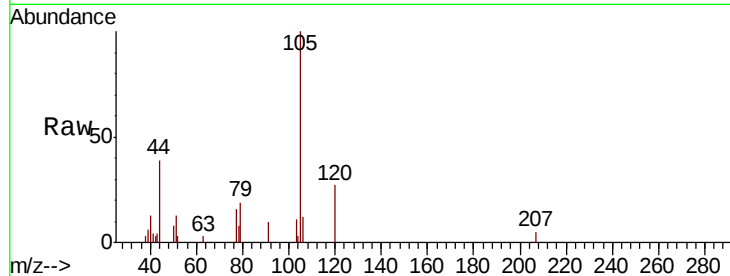
Tot Ion: 105 Resp: 2415

Ion Ratio Lower Upper

105 100

120 28.4 21.4 32.2

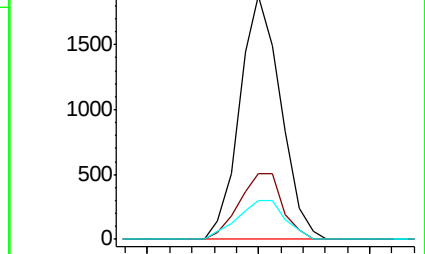
77 18.6 12.9 19.3



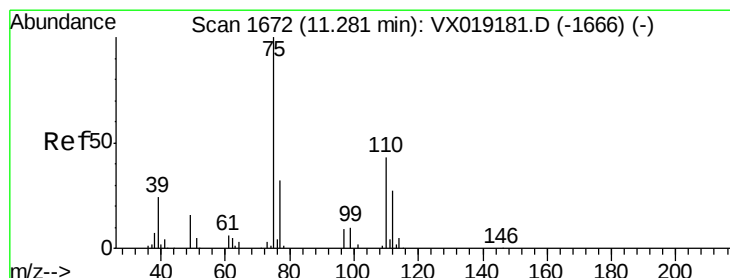
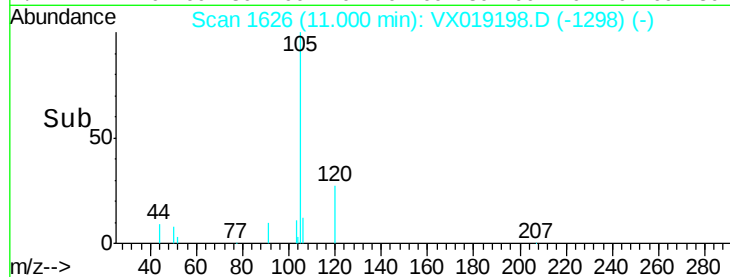
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#61

1,2,3-Trichloropropane

Concen: 0.045 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019198.D

Acq: 30 Oct 2020 10:33

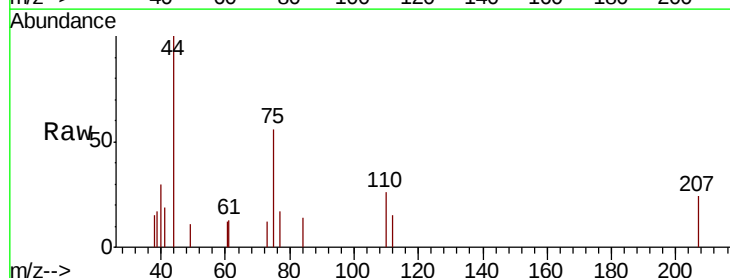
Tgt Ion: 75 Resp: 353

Ion Ratio Lower Upper

75 100

77 104.2 25.6 38.4#

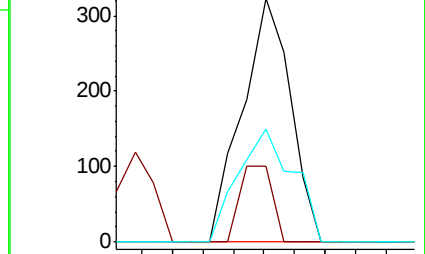
110 53.0 32.4 48.6#



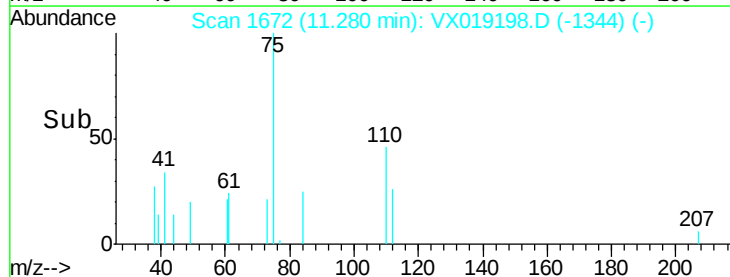
Abundance Ion 75.00 (74.70 to 75.70): VX0

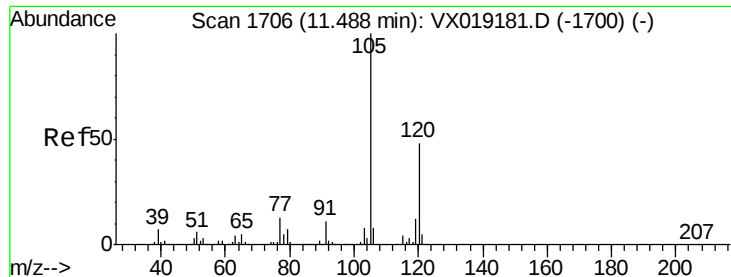
Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



Time-->





#62

1,3,5-Trimethylbenzene

Concen: 0.038 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019198.D

Acq: 30 Oct 2020 10:33

Instrument :

MSVOA_X

ClientSampleId :

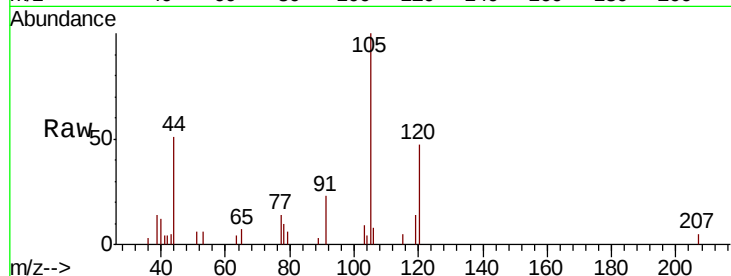
VBLK307

Tot Ion:105 Resp: 2017

Ion Ratio Lower Upper

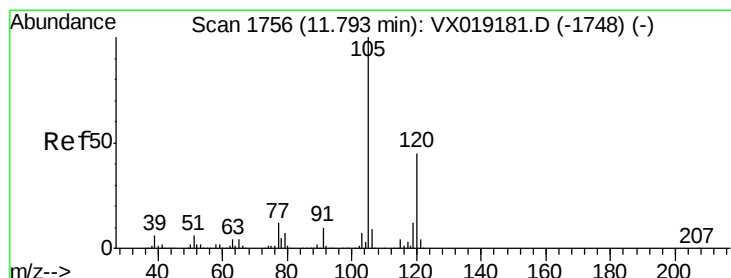
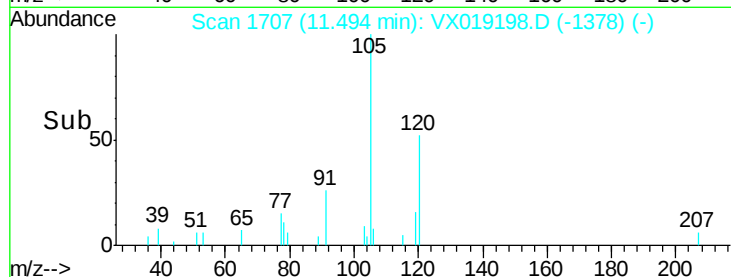
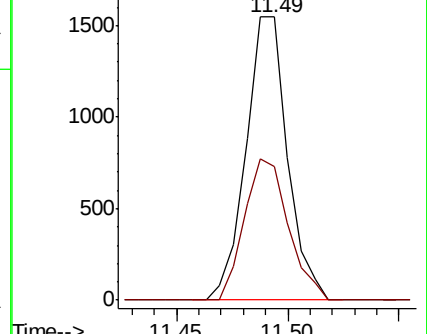
105 100

120 52.7 38.9 58.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 0.036 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019198.D

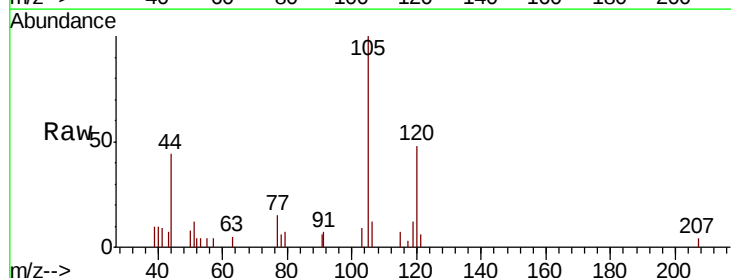
Acq: 30 Oct 2020 10:33

Tgt Ion:105 Resp: 1969

Ion Ratio Lower Upper

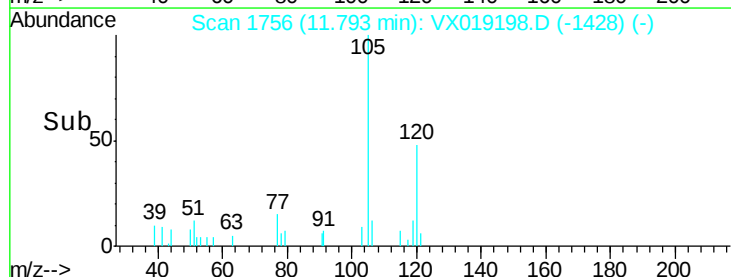
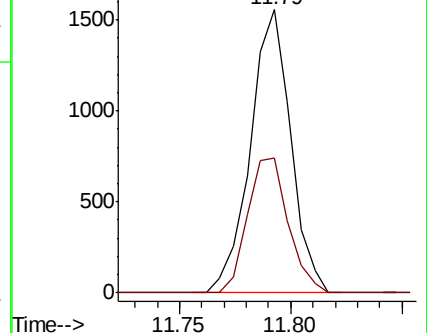
105 100

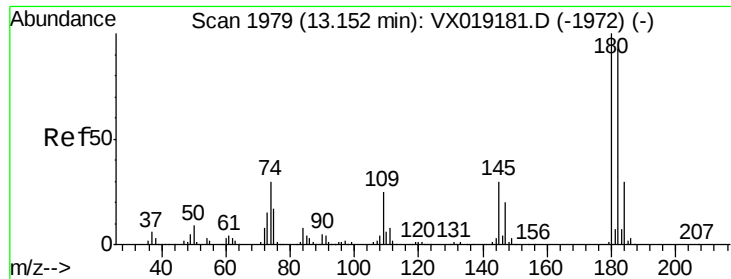
120 48.1 36.1 54.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

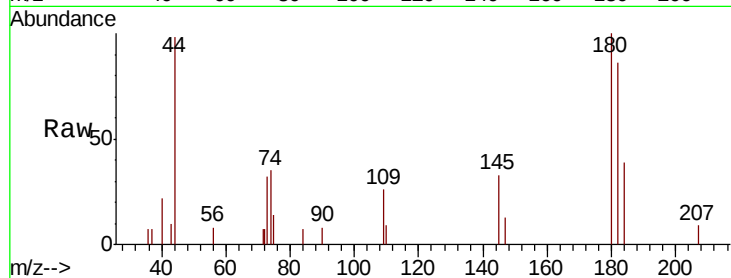




#69
 1,3,5-Trichlorobenzene
 Concen: 0.045 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX019198.D
 Acq: 30 Oct 2020 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK307

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.1	111.1
184	37.5	24.4	36.6
145	31.7	24.9	37.3

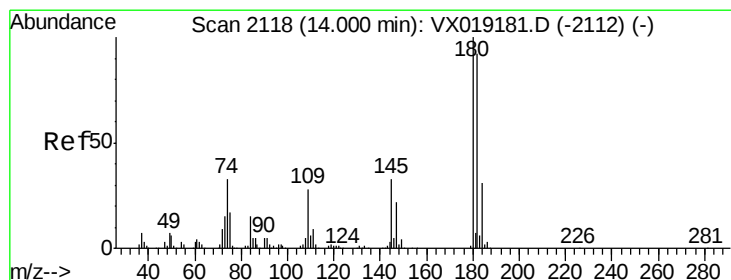
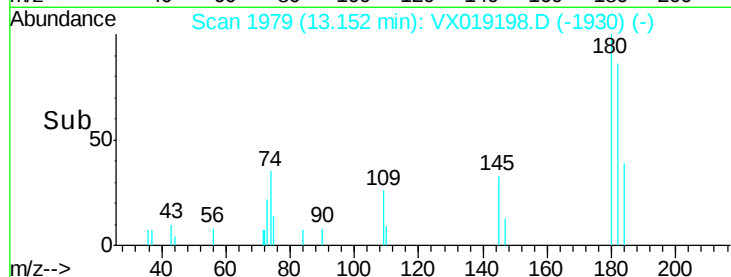
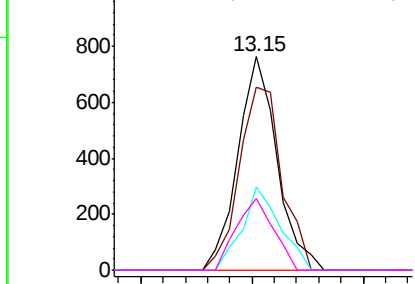


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

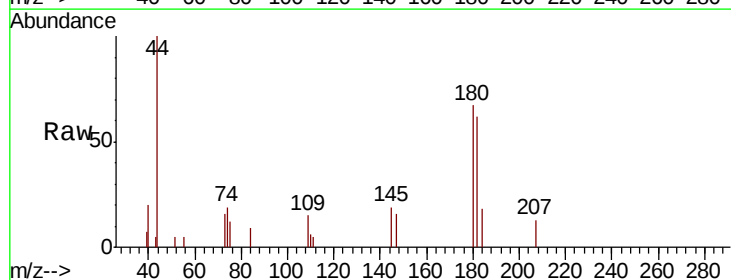
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#72
 1,2,3-Trichlorobenzene
 Concen: 0.056 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX019198.D
 Acq: 30 Oct 2020 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	77.0	115.4
145	26.6	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

