

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110520\
 Data File : VX019264.D
 Acq On : 04 Nov 2020 11:19
 Operator : JC/MD
 Sample : VX1105WBL06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK414

Quant Time: Nov 05 15:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 15:29:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	401430	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	364625	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	163518	50.00	ug/L	0.00

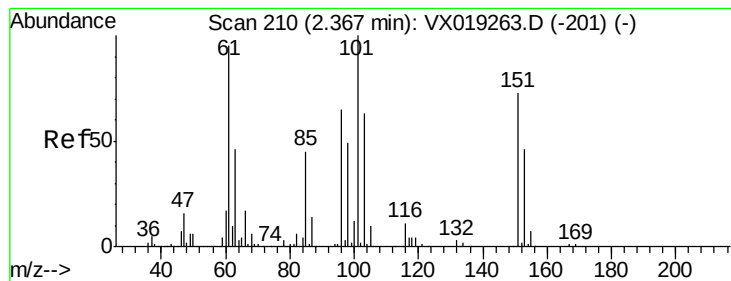
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127452	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.70	69	107430	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.34	63	174352	30.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.53	46	175039	99.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	5.14	84	234059	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	6.03	65	157372	39.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.70%
32) Benzene-d6	6.04	84	472962	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
36) 1,2-Dichloropropane-d6	7.37	67	145108	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.84%
41) Toluene-d8	8.70	98	426663	37.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.26%#
43) trans-1,3-Dichloropropene-	8.99	79	72695	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	9.42	63	135807	98.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.37%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	178407	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
66) 1,2-Dichlorobenzene-d4	12.36	152	146126	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1607	0.645	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	1580	0.653	ug/L #	1
35) Methylcyclohexane	7.36	83	36227	8.011	ug/L #	21
37) 1,2-Dichloropropane	7.37	63	16603	6.385	ug/L #	86
42) Toluene	8.76	91	6654	0.584	ug/L	99
44) trans-1,3-Dichloropropene	8.99	75	3508	0.833	ug/L #	77
60) Isopropylbenzene	11.00	105	558	0.050	ug/L #	87
61) 1,2,3-Trichloropropane	11.27	75	128	0.046	ug/L #	58
62) 1,3,5-Trimethylbenzene	11.49	105	583	0.064	ug/L	95
63) 1,2,4-Trimethylbenzene	11.79	105	1258	0.146	ug/L	95

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



#10

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

Concen: 0.645 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019264.D

Acq: 04 Nov 2020 11:19

Instrument :

MSVOA_X

ClientSampled :

VBLK414

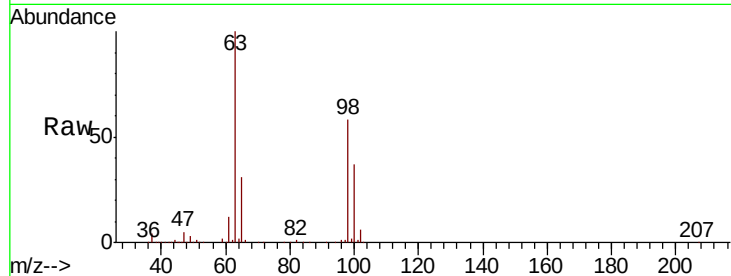
Tot Ion:101 Resp: 1607

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

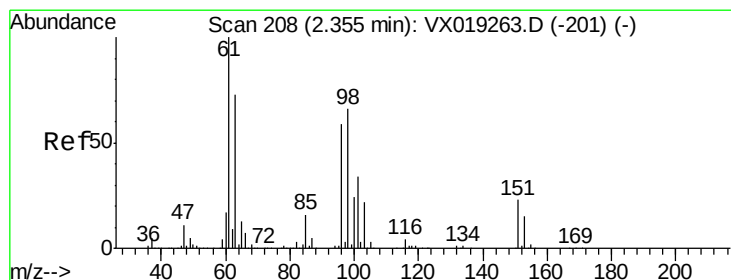
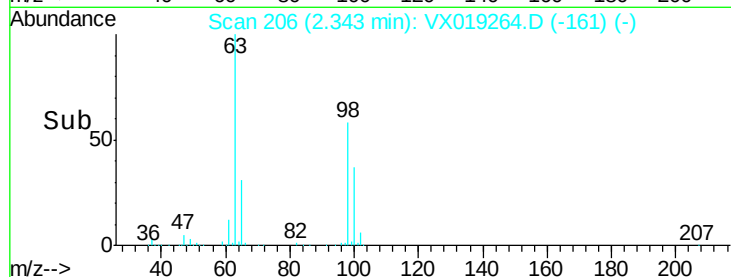
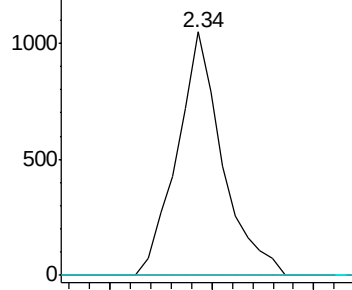
151 0.0 59.9 89.9#



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: 0.653 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX019264.D

Acq: 04 Nov 2020 11:19

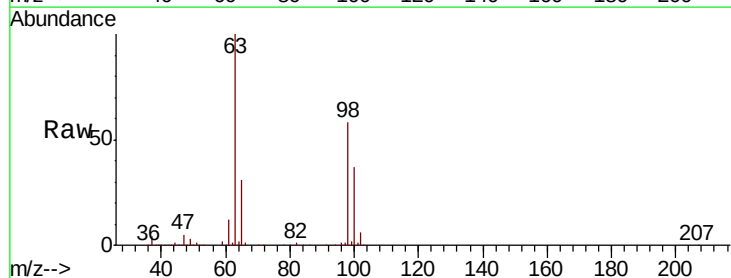
Tgt Ion: 96 Resp: 1580

Ion Ratio Lower Upper

96 100

61 1436.2 115.1 213.8#

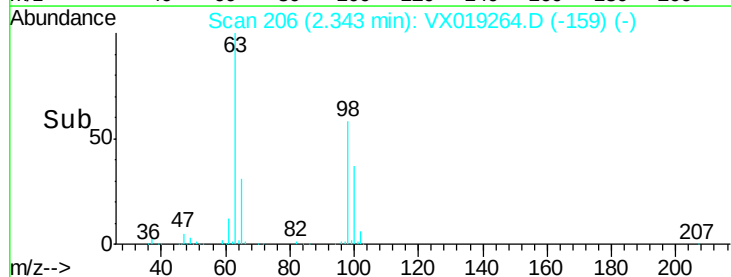
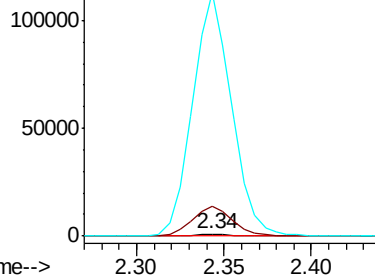
63 11943.3 78.3 145.5#

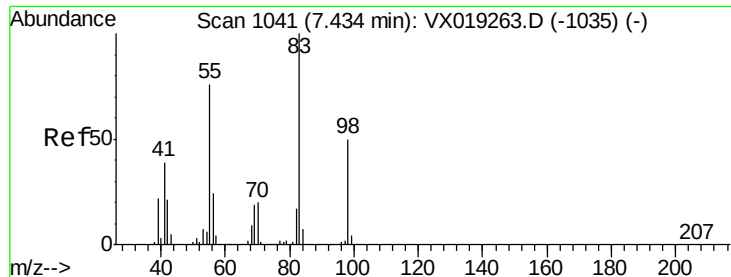


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

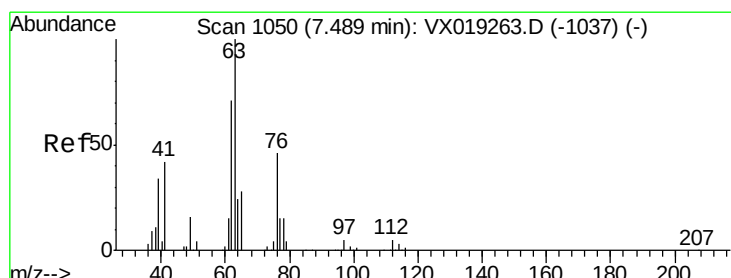
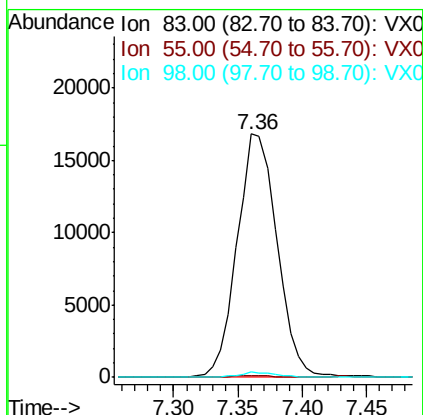
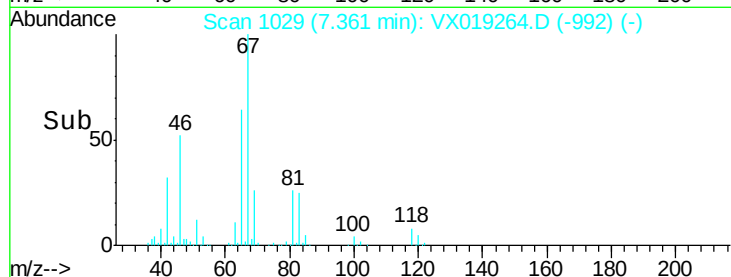
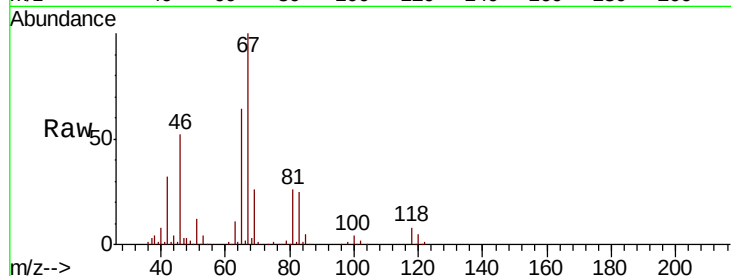




#35
Methvlcvclohexane
Concen: 8.011 ug/L
RT: 7.36 min Scan# 1029
Delta R.T. -0.07 min
Lab File: VX019264.D
Acq: 04 Nov 2020 11:19

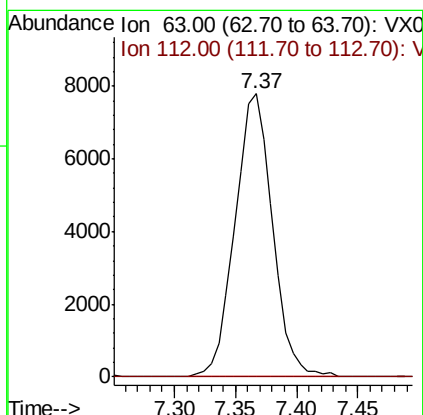
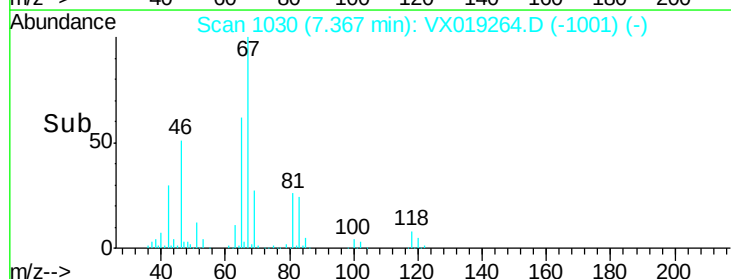
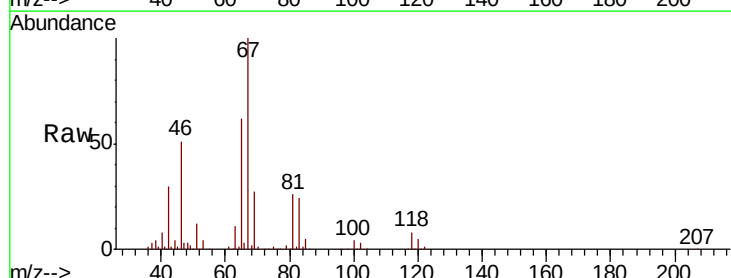
Instrument :
MSVOA_X
ClientSampleId :
VBLK414

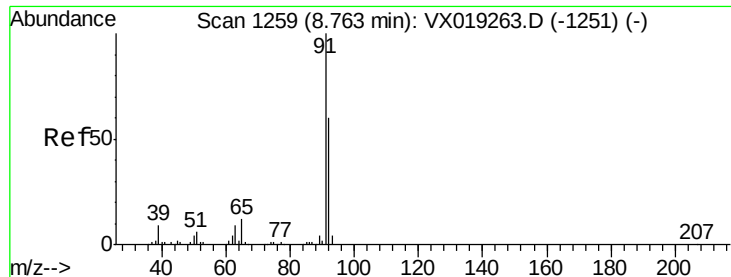
Tot Ion: 83 Resp: 36227
Ion Ratio Lower Upper
83 100
55 0.8 58.6 87.8#
98 1.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 6.385 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX019264.D
Acq: 04 Nov 2020 11:19

Tgt Ion: 63 Resp: 16603
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#42

Toluene

Concen: 0.584 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019264.D

Acq: 04 Nov 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

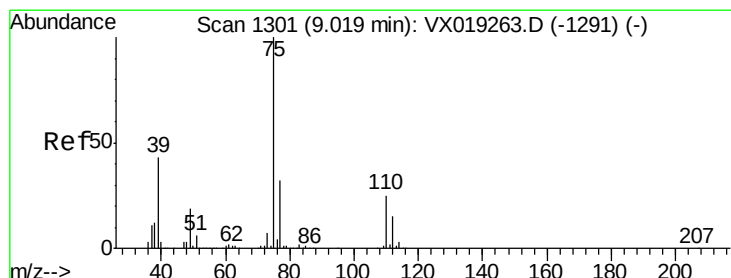
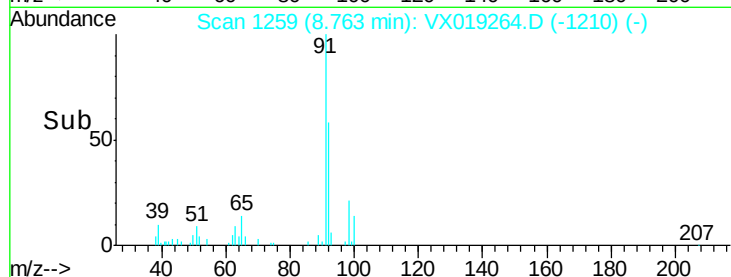
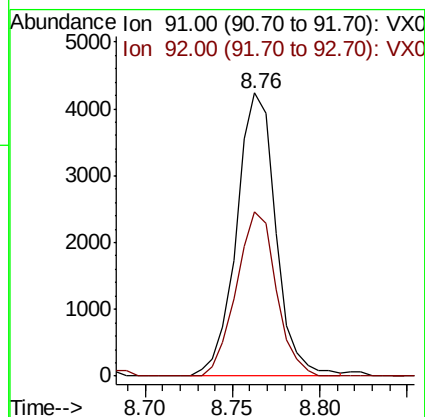
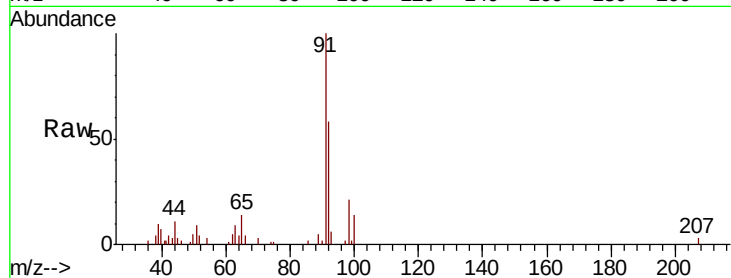
VBLK414

Tot Ion: 91 Resp: 6654

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX019264.D

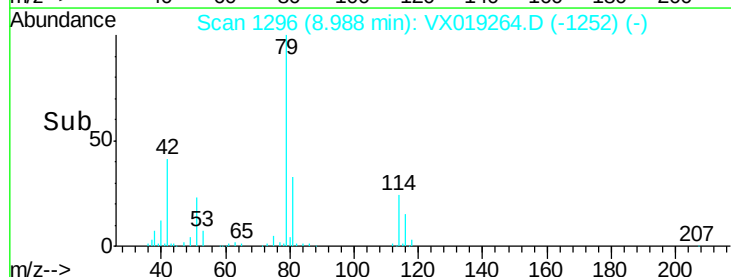
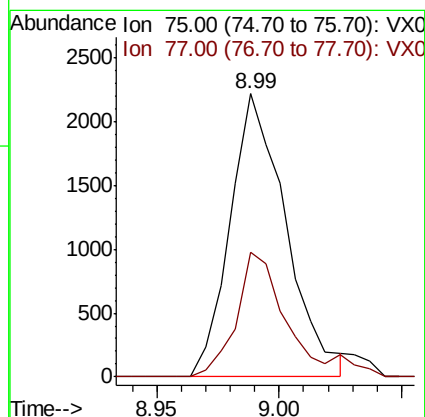
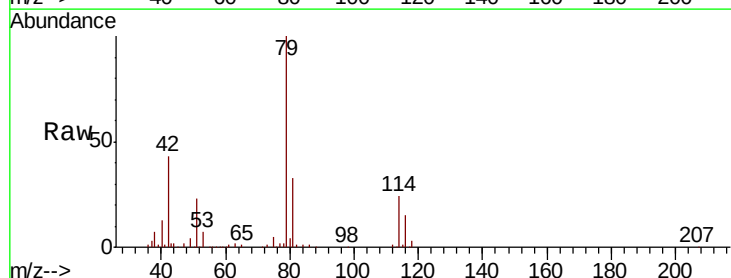
Acq: 04 Nov 2020 11:19

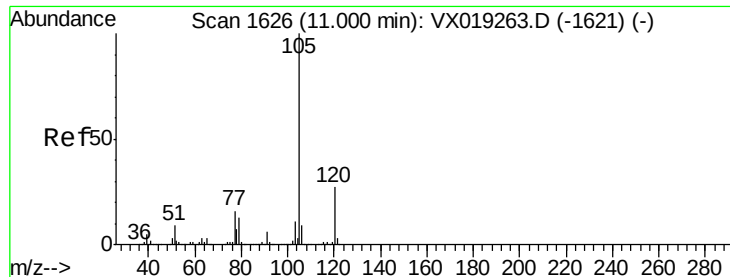
Tgt Ion: 75 Resp: 3508

Ion Ratio Lower Upper

75 100

77 44.0 21.8 40.6#





#60

Isopropylbenzene

Concen: 0.050 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019264.D

Acq: 04 Nov 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VBLK414

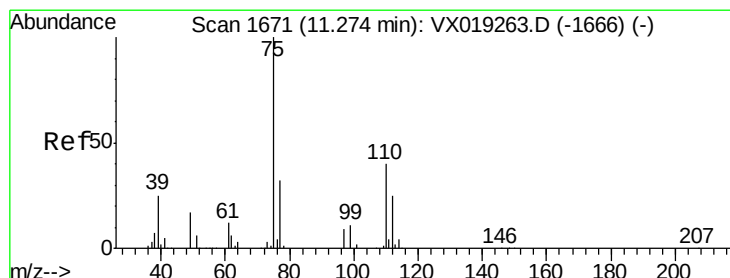
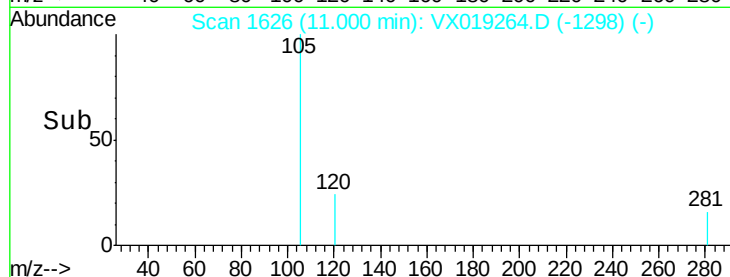
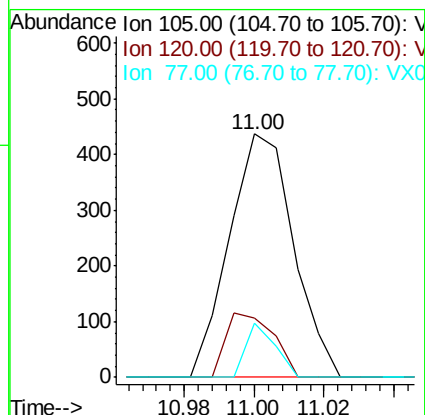
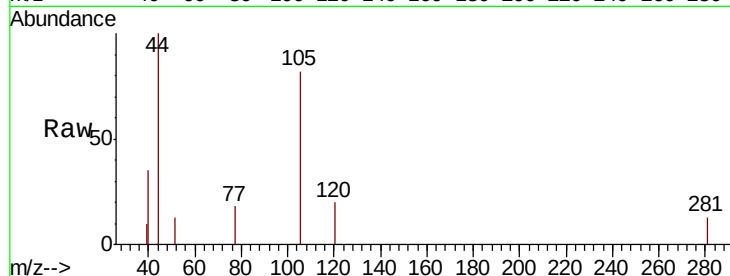
Tot Ion: 105 Resp: 558

Ion Ratio Lower Upper

105 100

120 19.5 21.1 31.7#

77 10.0 12.6 19.0#



#61

1,2,3-Trichloropropane

Concen: 0.046 ug/L

RT: 11.27 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VX019264.D

Acq: 04 Nov 2020 11:19

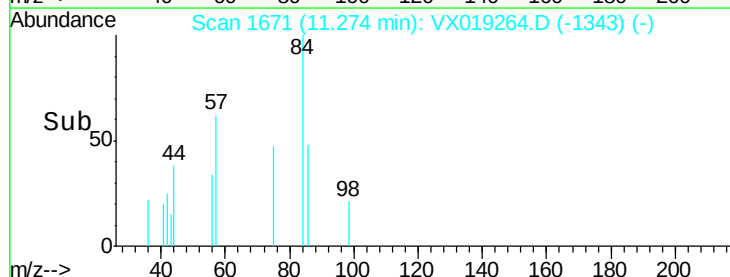
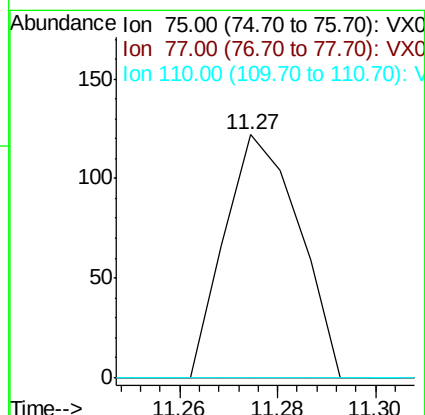
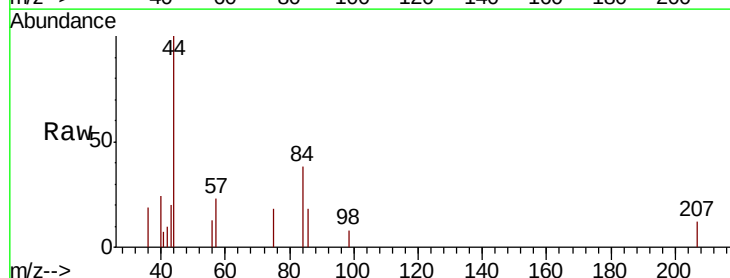
Tgt Ion: 75 Resp: 128

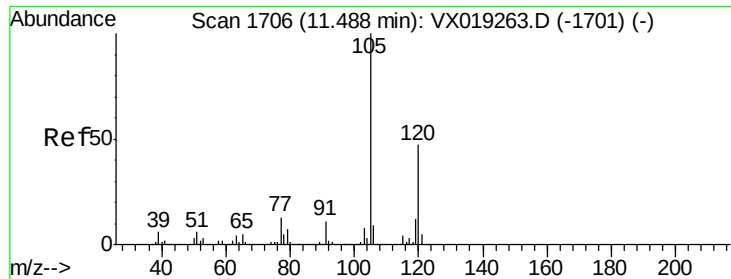
Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.0#

110 0.0 32.2 48.2#

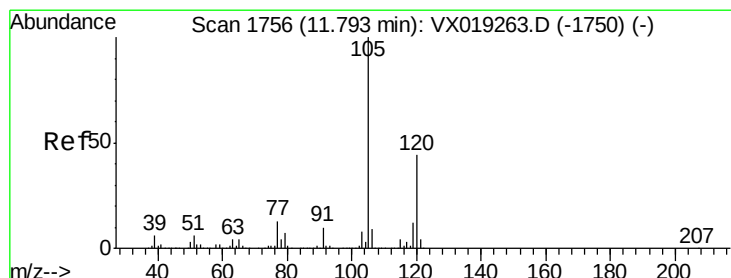
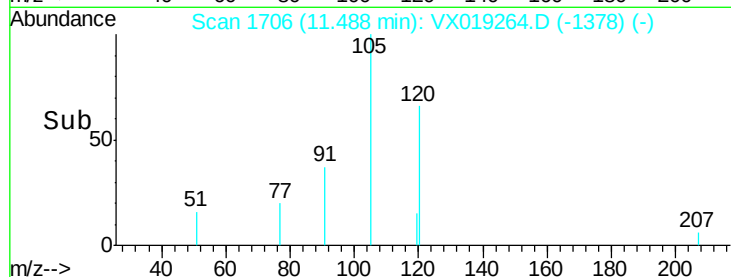
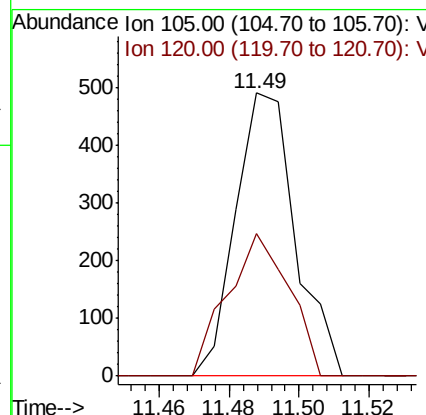
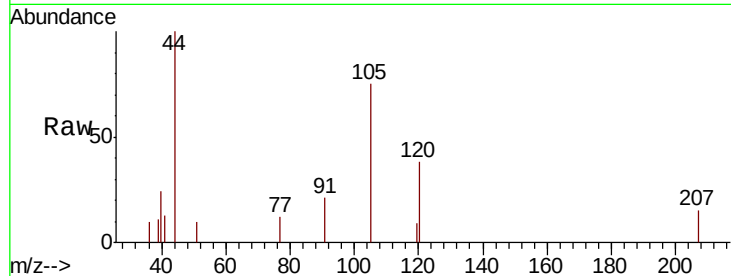




#62
 1,3,5-Trimethylbenzene
 Concen: 0.064 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019264.D
 Acq: 04 Nov 2020 11:19

Instrument :
 MSVOA_X
 ClientSampled :
 VBLK414

Tot Ion:105 Resp: 583
 Ion Ratio Lower Upper
 105 100
 120 51.6 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.146 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019264.D
 Acq: 04 Nov 2020 11:19

Tgt Ion:105 Resp: 1258
 Ion Ratio Lower Upper
 105 100
 120 48.4 36.0 54.0

