

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110520\
 Data File : VX019268.D
 Acq On : 04 Nov 2020 13:20
 Operator : JC/MD
 Sample : VX1105WBL06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 14:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	394379	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	361066	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	172052	50.00	ug/L	0.00

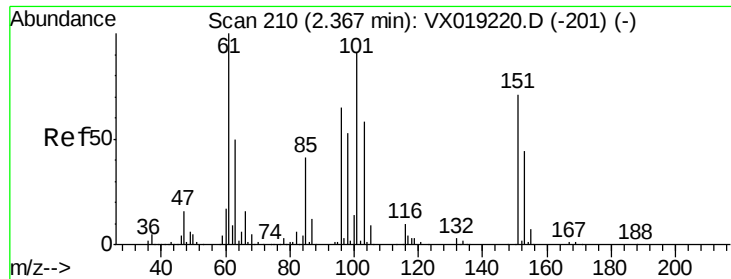
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143195	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.70	69	117747	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.42%
11) 1,1-Dichloroethene-d2	2.34	63	193072	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	4.53	46	194581	112.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.33%
24) Chloroform-d	5.14	84	252723	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	178970	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	6.05	84	535271	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	7.37	67	164384	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.36%
41) Toluene-d8	8.70	98	477354	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%
43) trans-1,3-Dichloropropene-	8.99	79	80510	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	9.43	63	152535	111.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.58%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	214089	54.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.66%
66) 1,2-Dichlorobenzene-d4	12.36	152	171056	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	1807	0.738	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	1539	0.648	ug/L #	1
25) Chloroform	5.17	83	13200	2.770	ug/L	89
27) 1,2-Dichloroethane	6.04	62	3240	0.864	ug/L	96
42) Toluene	8.76	91	7279	0.646	ug/L	89
44) trans-1,3-Dichloropropene	8.99	75	3882	0.931	ug/L #	78
60) Isopropylbenzene	11.01	105	131	0.011	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	673	0.230	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.49	105	225	0.023	ug/L #	63
63) 1,2,4-Trimethylbenzene	11.79	105	1059	0.117	ug/L	90

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



#10

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

Concen: 0.738 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX019268.D

Acq: 04 Nov 2020 13:20

Instrument :

MSVOA_X

ClientSampled :

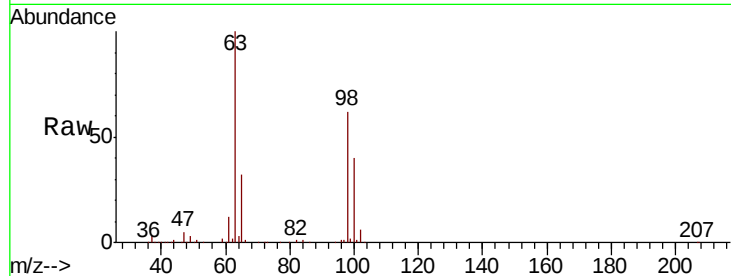
Tot Ion:101 Resp: 1807

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

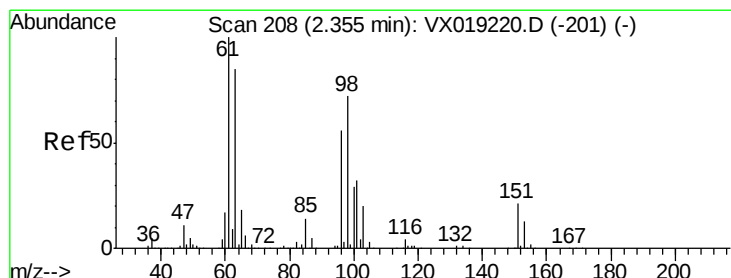
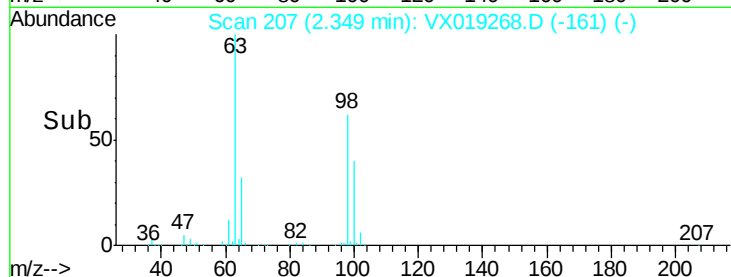
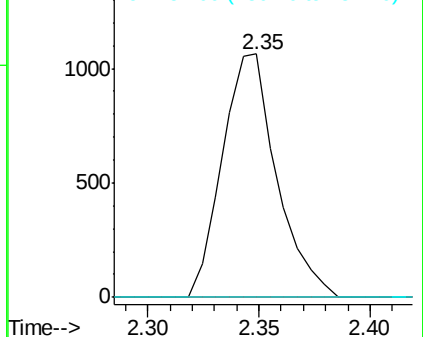
151 0.0 59.9 89.9#



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: 0.648 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX019268.D

Acq: 04 Nov 2020 13:20

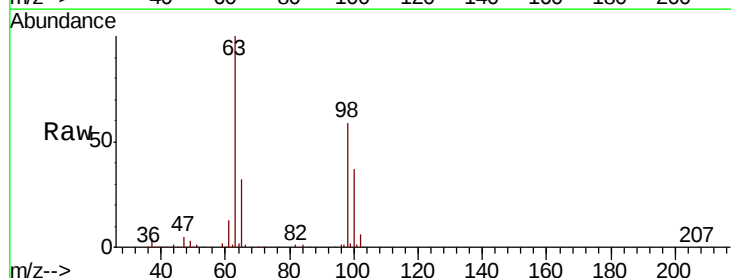
Tgt Ion: 96 Resp: 1539

Ion Ratio Lower Upper

96 100

61 1684.2 115.1 213.8#

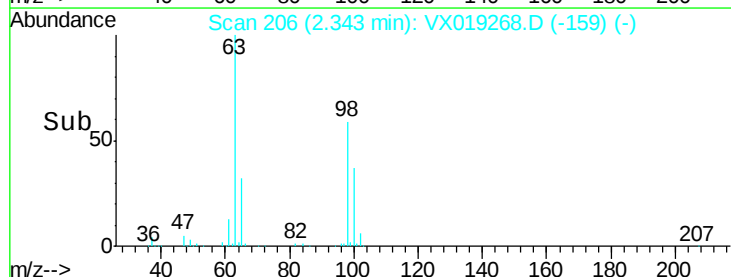
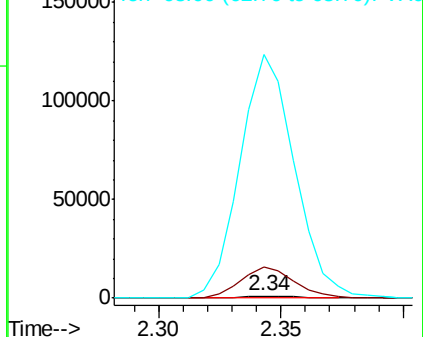
63 13286.9 78.3 145.5#

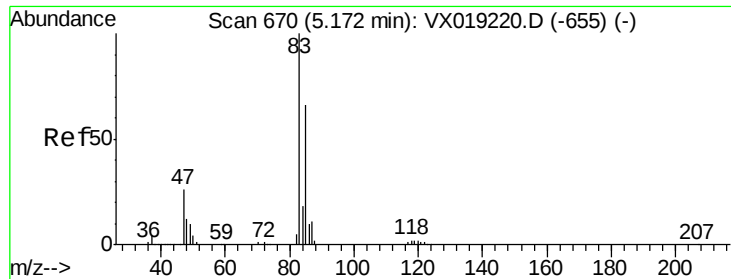


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

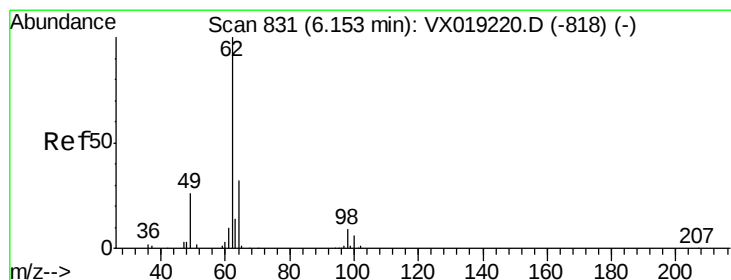
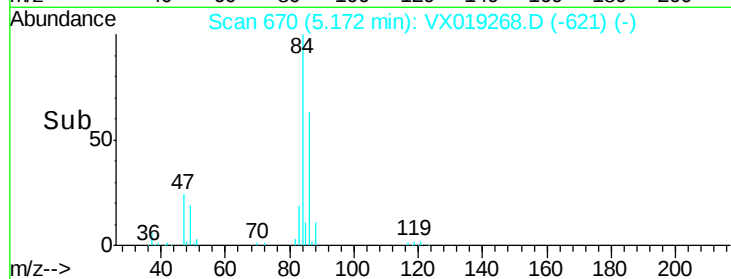
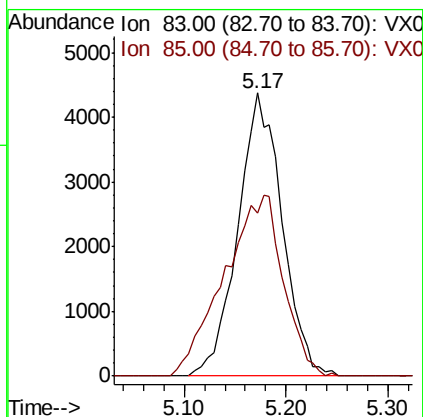
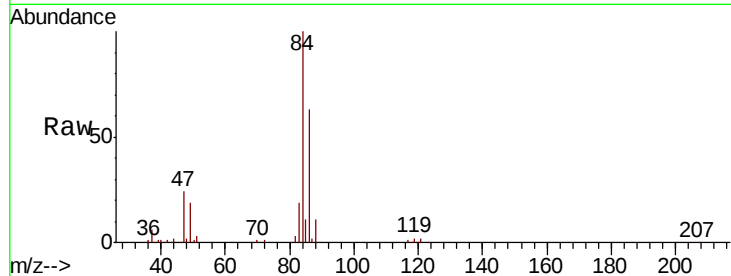




#25
Chloroform
Concen: 2.770 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019268.D
Acq: 04 Nov 2020 13:20

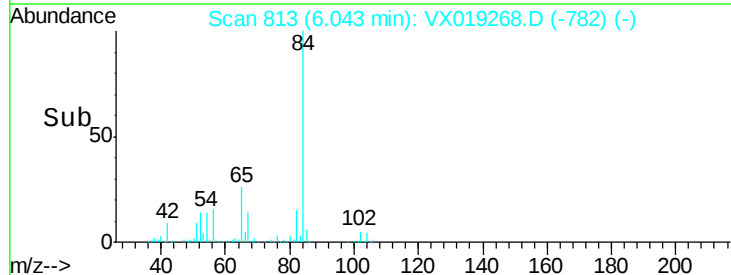
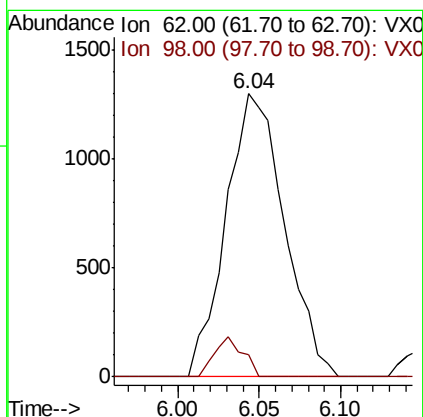
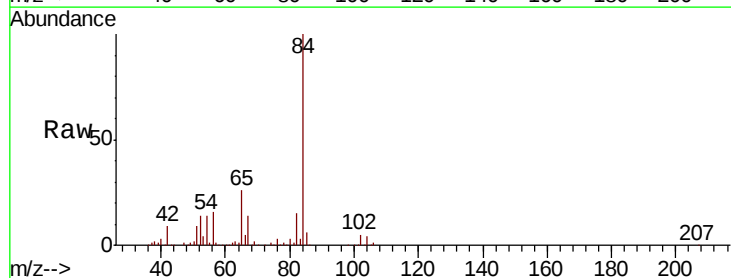
Instrument :
MSVOA_X
ClientSampleId :

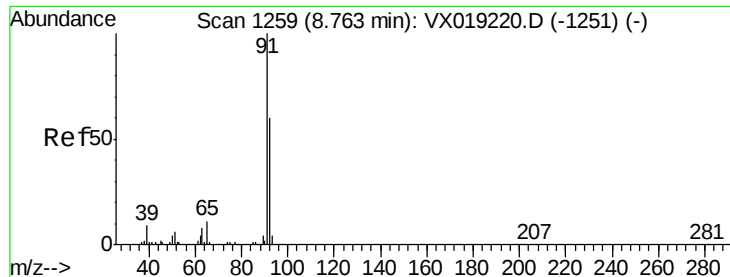
Tot Ion: 83 Resp: 13200
Ion Ratio Lower Upper
83 100
85 57.4 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.864 ug/L
RT: 6.04 min Scan# 813
Delta R.T. -0.11 min
Lab File: VX019268.D
Acq: 04 Nov 2020 13:20

Tgt Ion: 62 Resp: 3240
Ion Ratio Lower Upper
62 100
98 8.1 7.6 11.4





#42

Toluene

Concen: 0.646 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019268.D

Acq: 04 Nov 2020 13:20

Instrument :

MSVOA_X

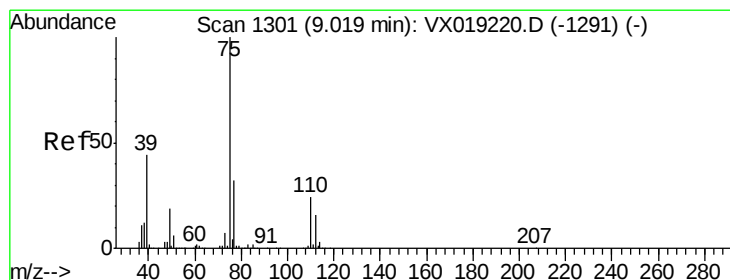
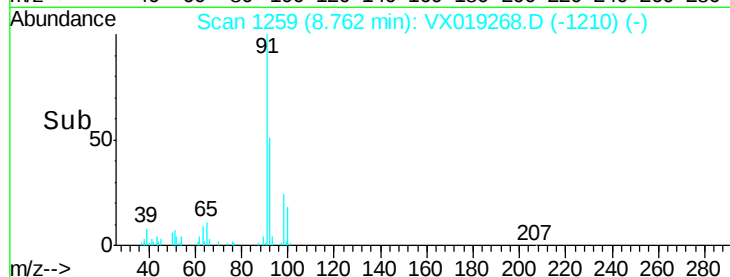
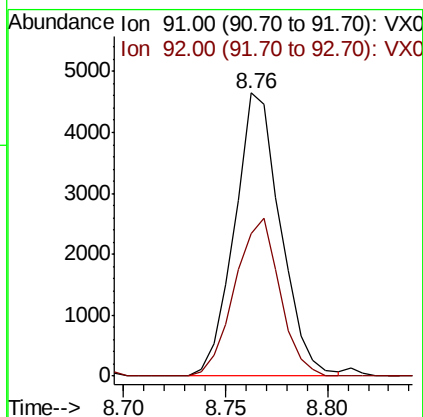
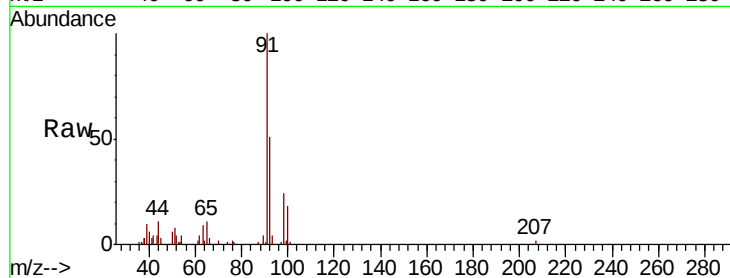
ClientSampleId :

Tot Ion: 91 Resp: 7279

Ion Ratio Lower Upper

91 100

92 50.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019268.D

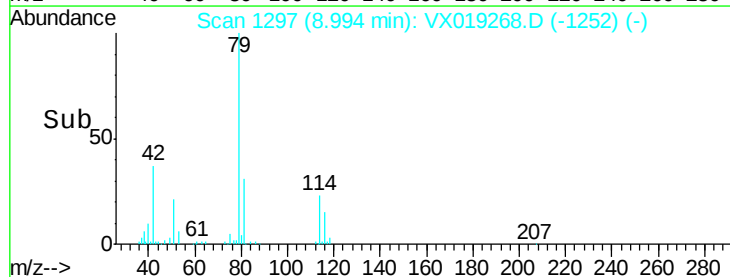
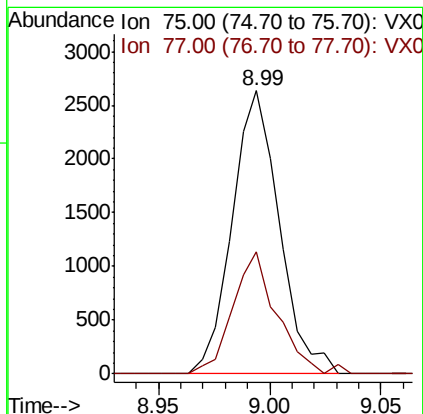
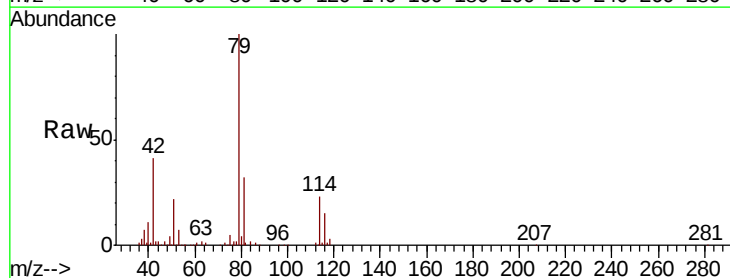
Acq: 04 Nov 2020 13:20

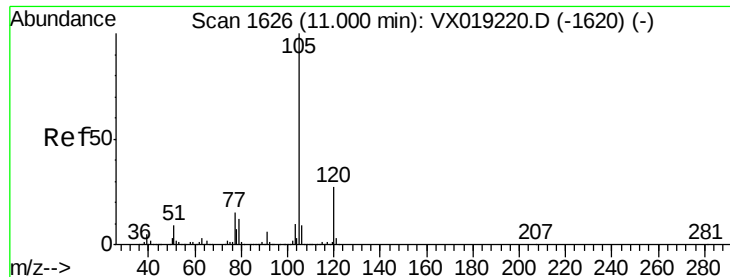
Tgt Ion: 75 Resp: 3882

Ion Ratio Lower Upper

75 100

77 43.3 21.8 40.6#





#60

Isopropylbenzene

Concen: 0.011 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019268.D

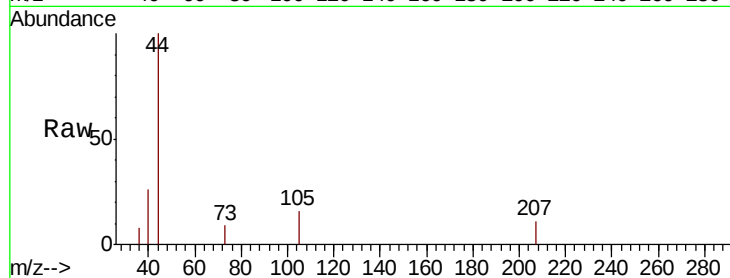
Acq: 04 Nov 2020 13:20

Instrument :

MSVOA_X

ClientSampled :

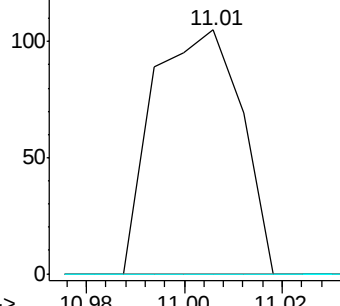
Tot Ion:	105	Resp:	131
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.1	31.7#
77	0.0	12.6	19.0#



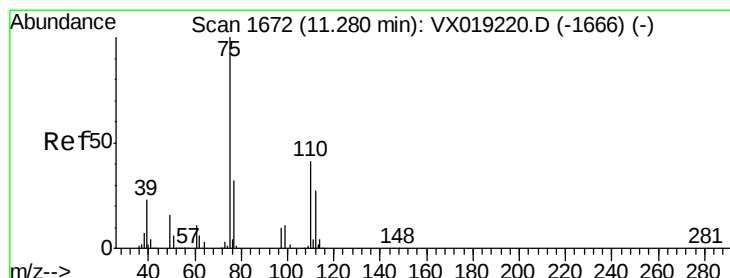
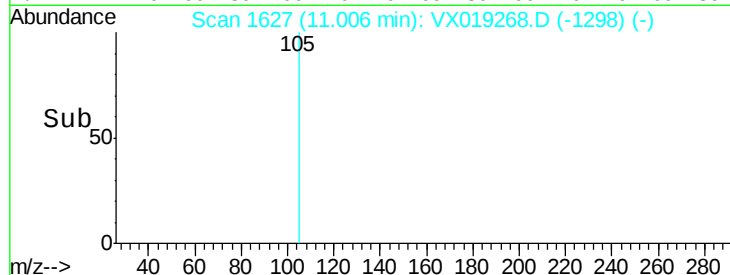
Abundance Ion 105.00 (104.70 to 105.70): V

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: 0.230 ug/L

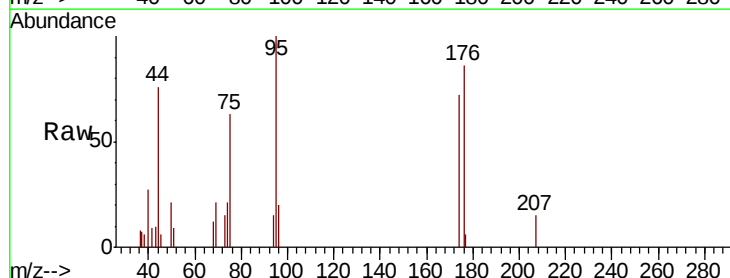
RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019268.D

Acq: 04 Nov 2020 13:20

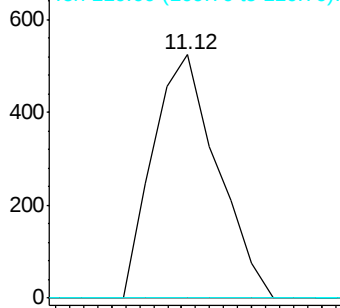
Tgt Ion:	75	Resp:	673
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
110	0.0	32.2	48.2#



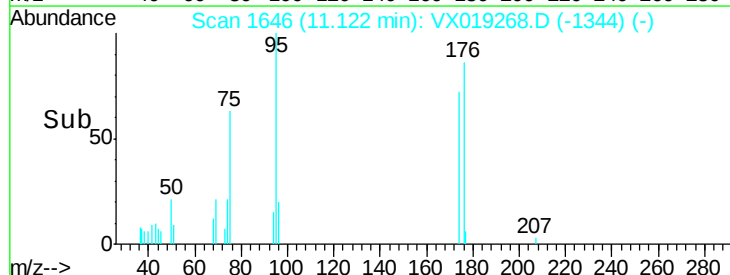
Abundance Ion 75.00 (74.70 to 75.70): VX0

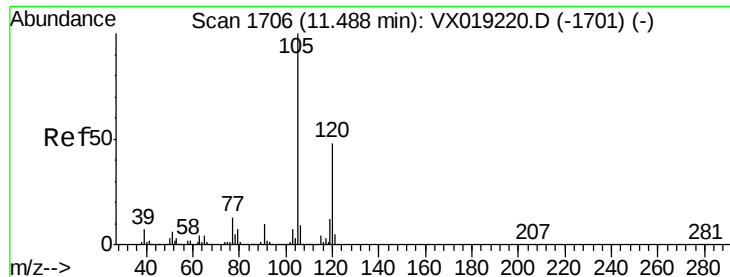
Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



Time-->



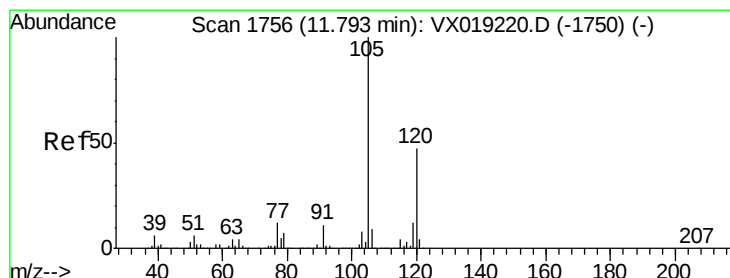
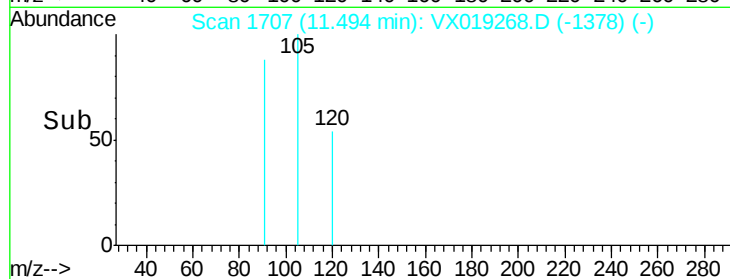
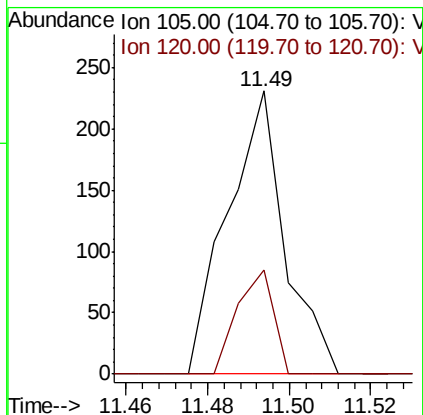
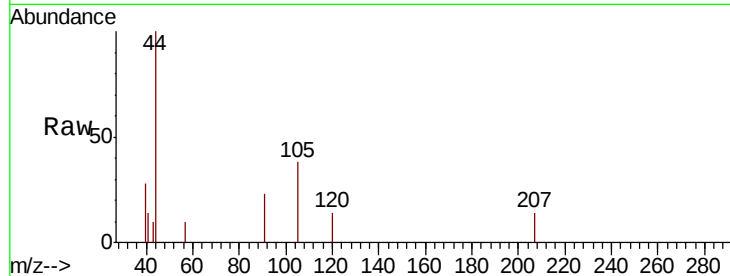


#62

1,3,5-Trimethylbenzene
Concen: 0.023 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX019268.D
Acq: 04 Nov 2020 13:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 225
Ion Ratio Lower Upper
105 100
120 23.1 38.8 58.2#



#63

1,2,4-Trimethylbenzene
Concen: 0.117 ug/L
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019268.D
Acq: 04 Nov 2020 13:20

Tgt Ion:105 Resp: 1059
Ion Ratio Lower Upper
105 100
120 38.6 36.0 54.0

