

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110520\
 Data File : VX019266.D
 Acq On : 04 Nov 2020 12:04
 Operator : JC/MD
 Sample : VX1105MBL06
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 12:43:09 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	403482	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	373319	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	177717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147754	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.08%
7) Chloroethane-d5	1.70	69	123146	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.34	63	200631	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	4.53	46	202874	114.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.48%
24) Chloroform-d	5.14	84	265430	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	6.03	65	184391	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	6.05	84	549619	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	7.37	67	168009	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	8.70	98	491826	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.99	79	84513	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	9.43	63	159300	112.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.70%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	221582	54.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.78%
66) 1,2-Dichlorobenzene-d4	12.36	152	176596	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%

Target Compounds

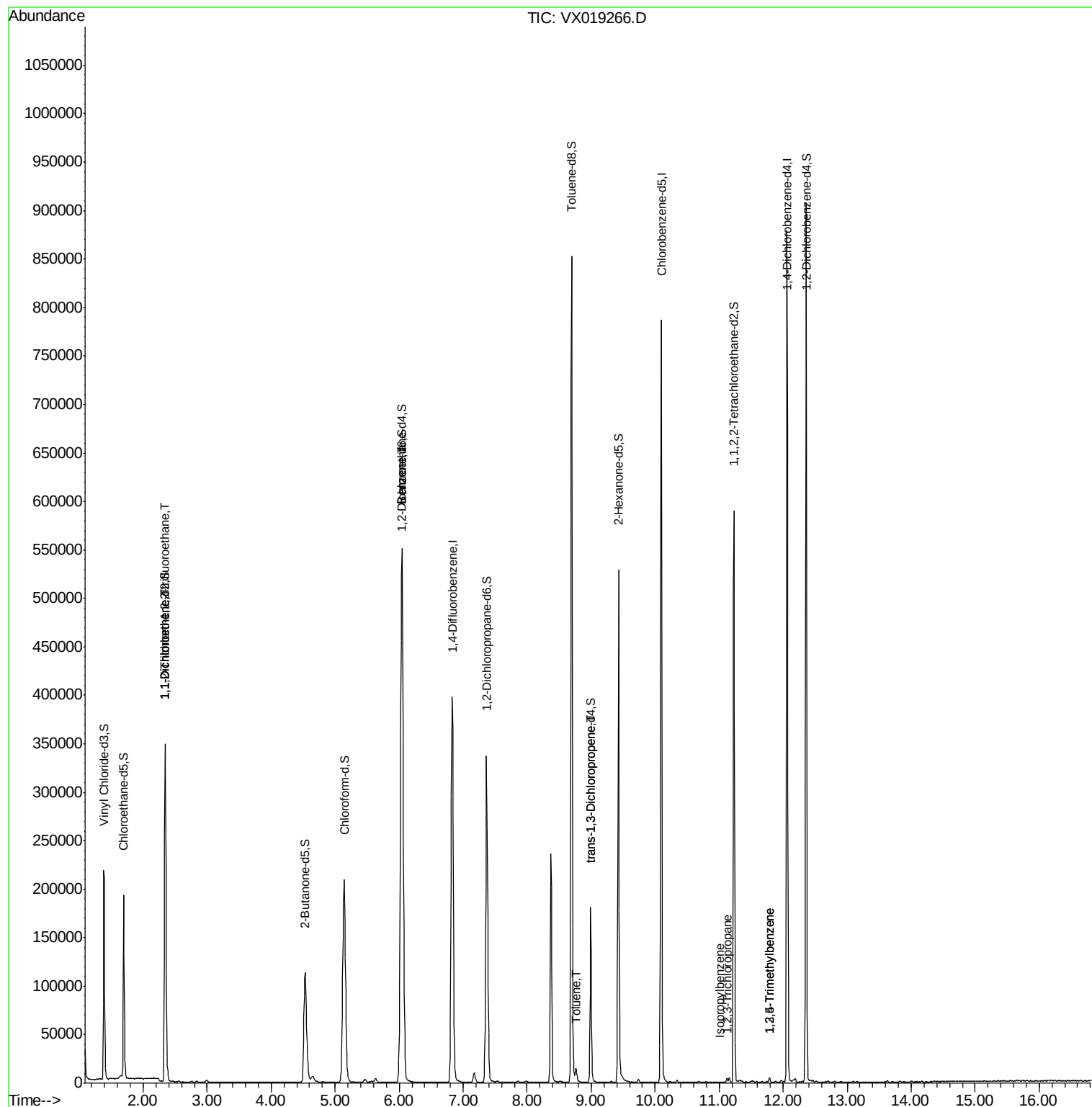
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	1975	0.788	ug/L #	19
12) 1,1-Dichloroethene	2.35	96	1687	0.694	ug/L #	1
33) Benzene	6.05	78	4405	0.411	ug/L	100
42) Toluene	8.76	91	7528	0.646	ug/L	100
44) trans-1,3-Dichloropropene	8.99	75	4049	0.940	ug/L	91
60) Isopropylbenzene	11.00	105	184	0.015	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	735	0.243	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.79	105	1072	0.108	ug/L	94
63) 1,2,4-Trimethylbenzene	11.79	105	1072	0.114	ug/L	89

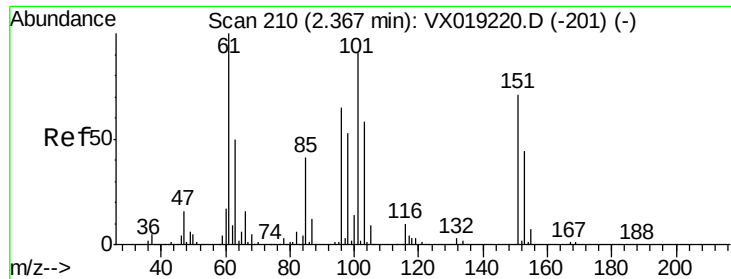
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110520\
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Operator : JC/MD
Sample : VX1105MBL06
Misc : 5.0µL/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 12:43:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 01:20:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.788 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX019266.D

Acq: 04 Nov 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

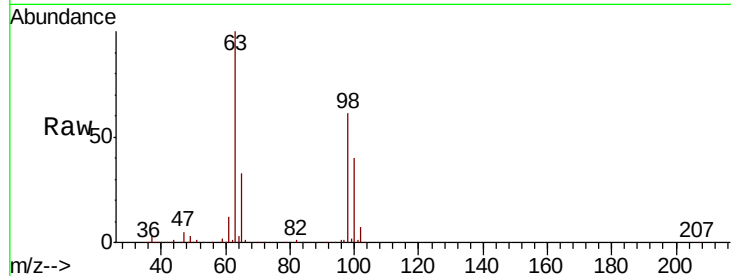
Tot Ion:101 Resp: 1975

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

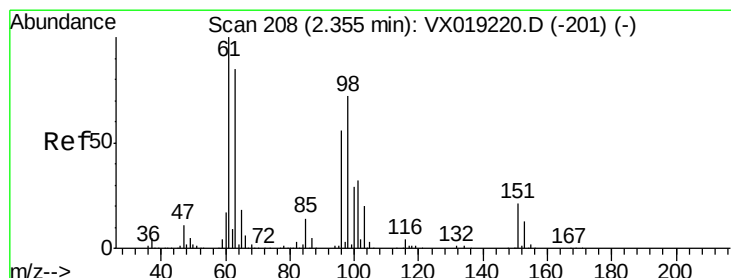
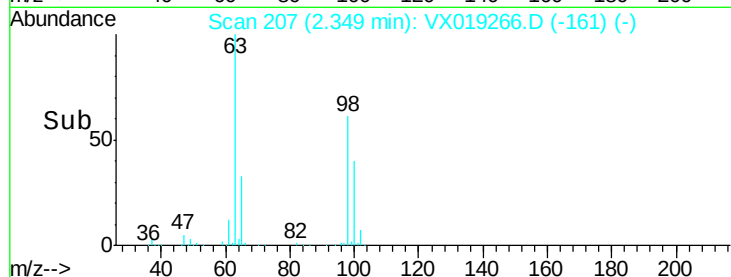
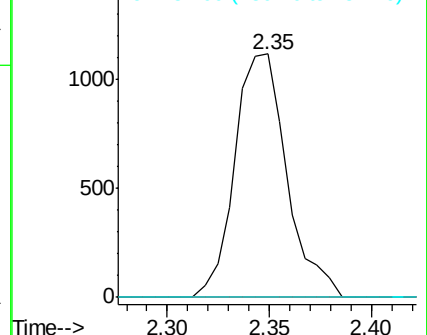
151 0.0 59.9 89.9#



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: 0.694 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019266.D

Acq: 04 Nov 2020 12:04

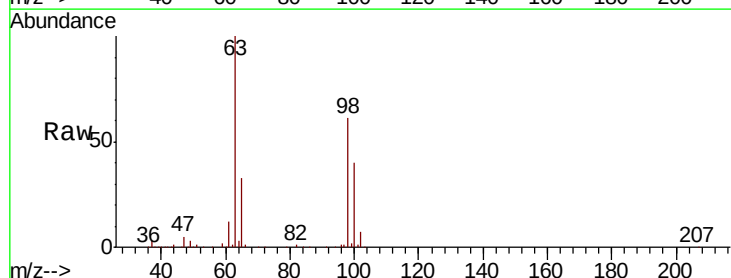
Tgt Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 1457.1 115.1 213.8#

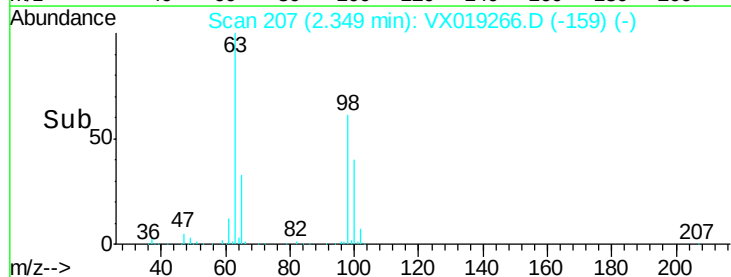
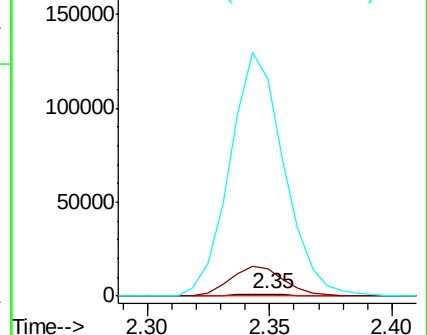
63 11862.8 78.3 145.5#

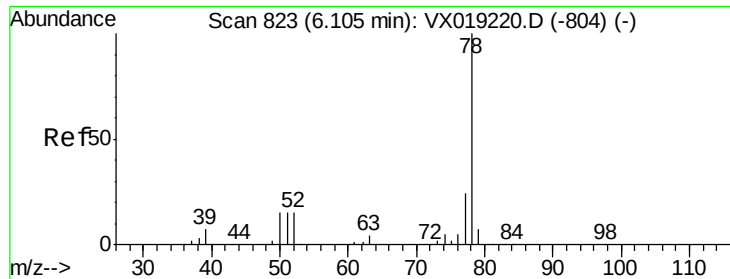


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#33

Benzene

Concen: 0.411 ug/L

RT: 6.05 min Scan# 814

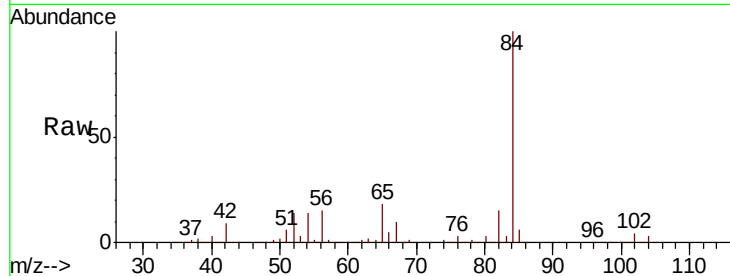
Delta R.T. -0.05 min

Lab File: VX019266.D

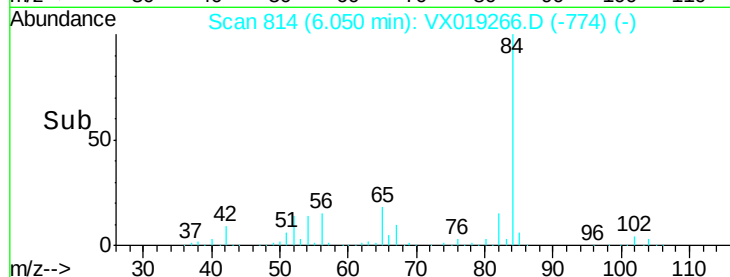
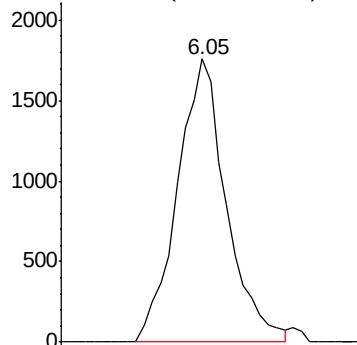
Acq: 04 Nov 2020 12:04

Instrument :
MSVOA_X
ClientSampled :

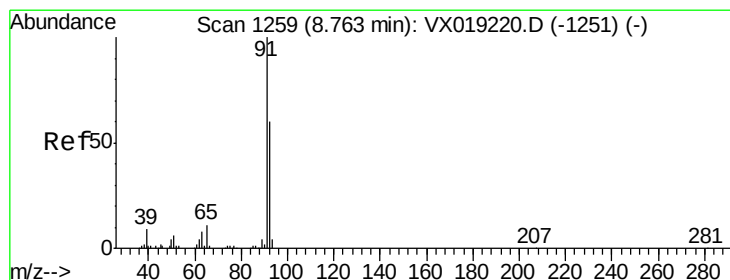
Tgt Ion: 78 Resp: 4405



Abundance Ion 78.00 (77.70 to 78.70): VX0



Time-->



#42

Toluene

Concen: 0.646 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019266.D

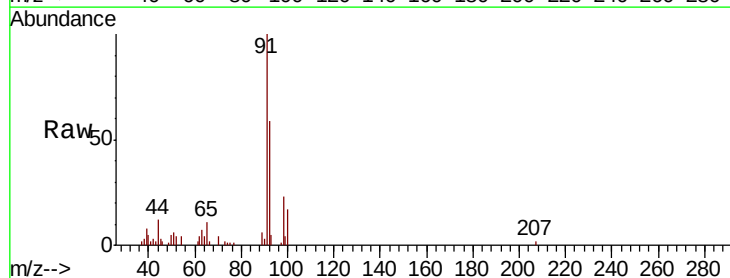
Acq: 04 Nov 2020 12:04

Tgt Ion: 91 Resp: 7528

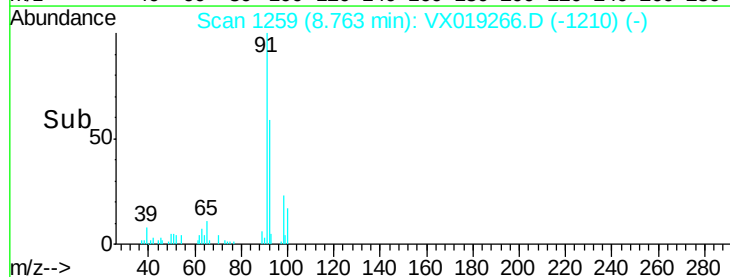
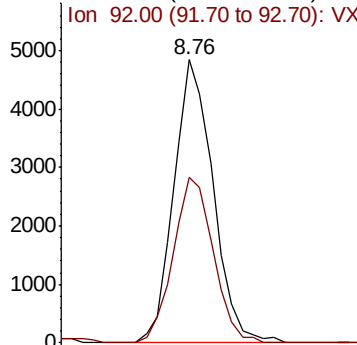
Ion Ratio Lower Upper

91 100

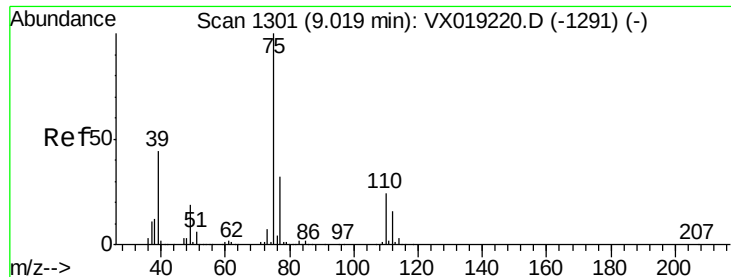
92 58.6 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019266.D

Acq: 04 Nov 2020 12:04

Instrument :

MSVOA_X

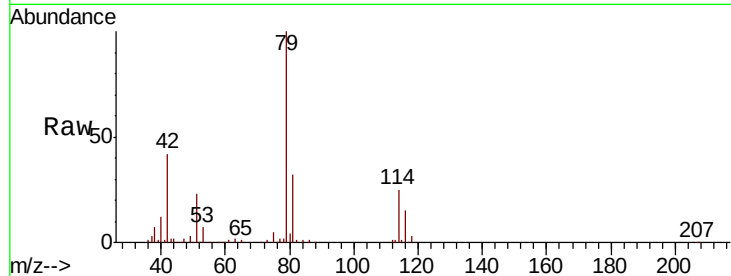
ClientSampleId :

Tot Ion: 75 Resp: 4049

Ion Ratio Lower Upper

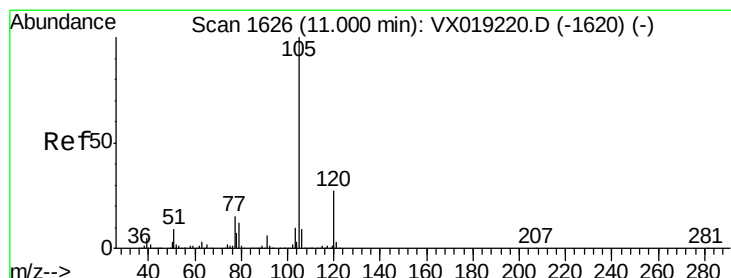
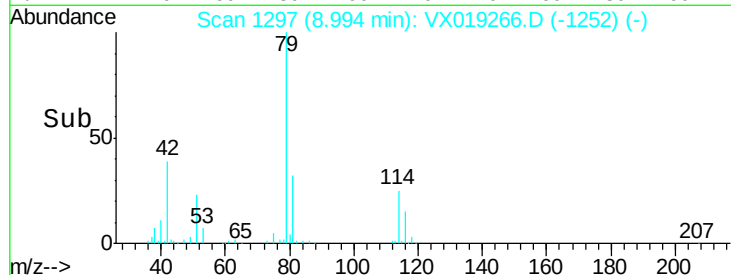
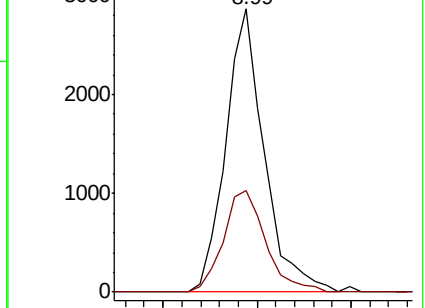
75 100

77 36.1 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#60

Isopropylbenzene

Concen: 0.015 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019266.D

Acq: 04 Nov 2020 12:04

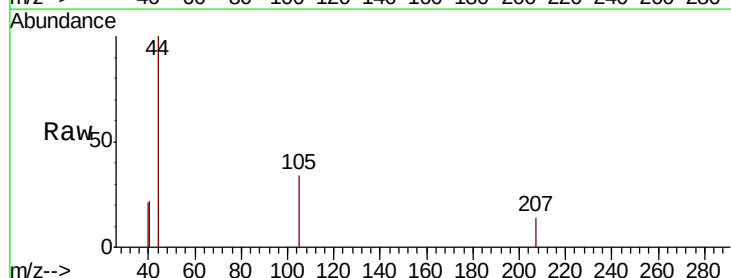
Tgt Ion: 105 Resp: 184

Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

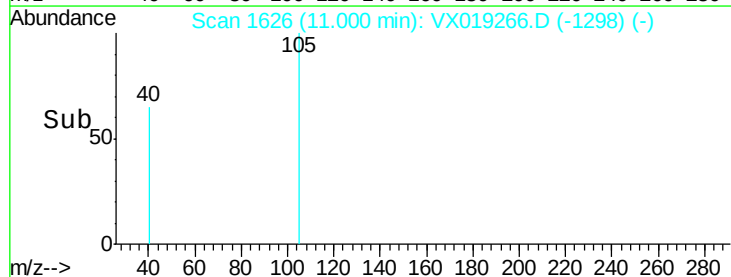
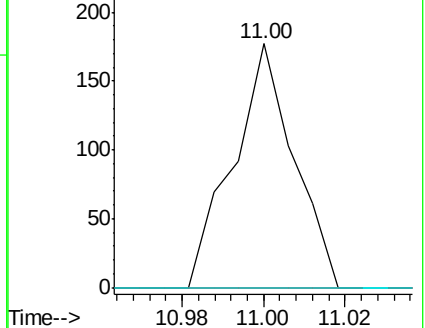
77 0.0 12.6 19.0#

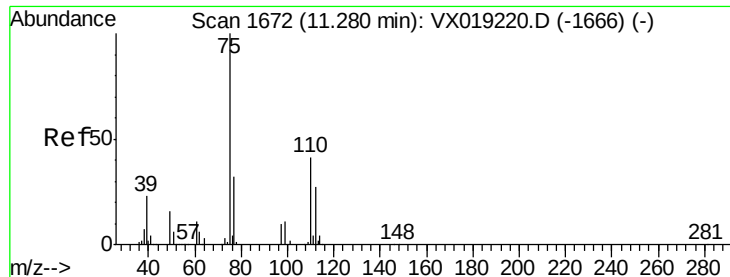


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VX0

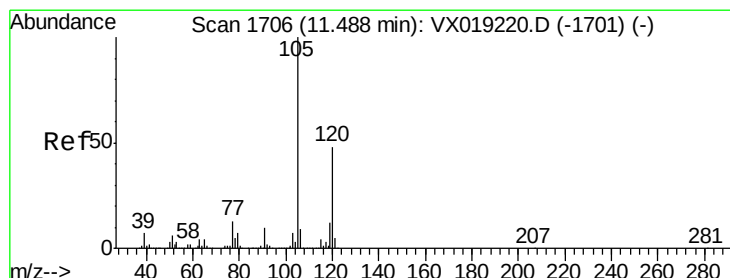
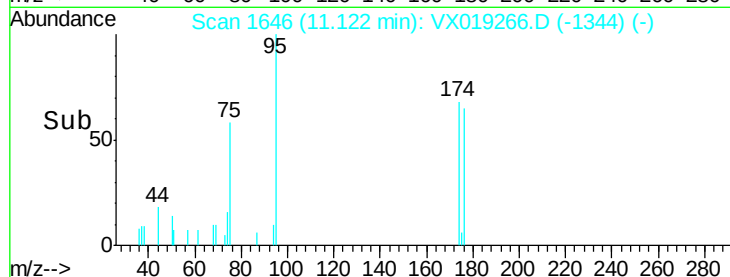
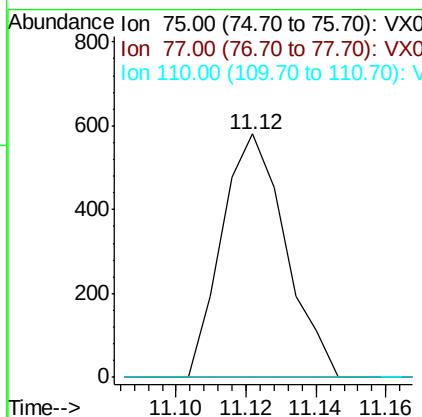
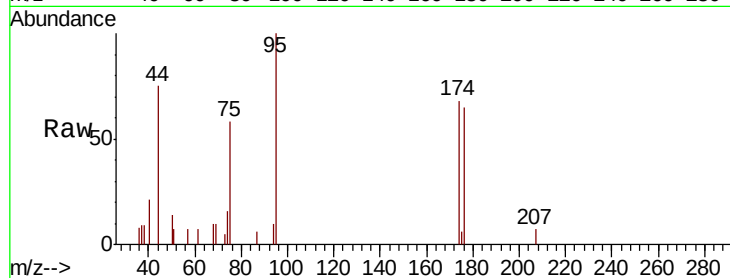




#61
 1,2,3-Trichloropropane
 Concen: 0.243 ug/L
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019266.D
 Acq: 04 Nov 2020 12:04

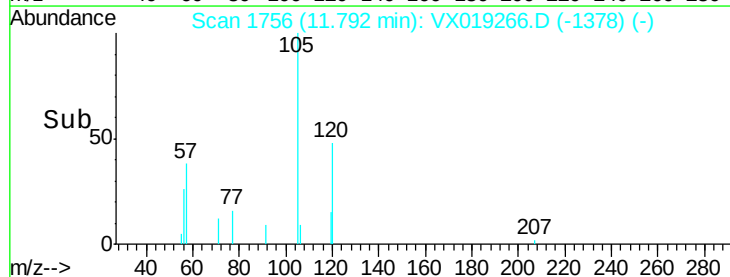
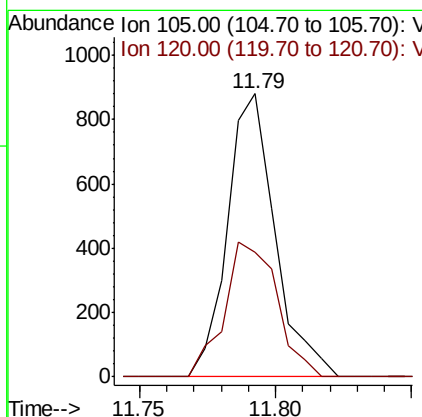
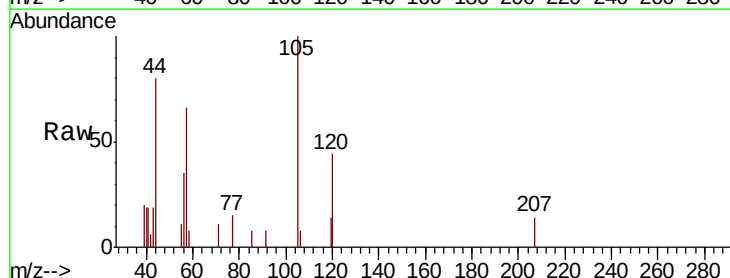
Instrument :
 MSVOA_X
 ClientSampleId :

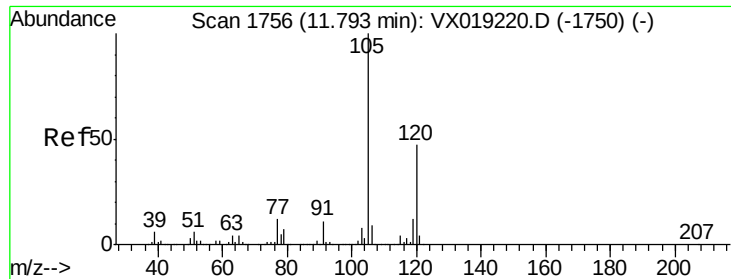
Tot Ion: 75 Resp: 735
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 110 0.0 32.2 48.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.108 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.30 min
 Lab File: VX019266.D
 Acq: 04 Nov 2020 12:04

Tgt Ion: 105 Resp: 1072
 Ion Ratio Lower Upper
 105 100
 120 52.2 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.114 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019266.D
 Acq: 04 Nov 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1072
 Ion Ratio Lower Upper
 105 100
 120 52.2 36.0 54.0

