

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
 Data File : VX020527.D
 Acq On : 07 Jan 2021 12:28
 Operator : JC/MD
 Sample : VX0107MBL01
 Misc : 5.0µL/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:56:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	333392	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	318418	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	134976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	133554	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.72%
7) Chloroethane-d5	1.70	69	108963	52.05	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.10%
11) 1,1-Dichloroethene-d2	2.34	63	189502	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	4.53	46	180914	110.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.23%
24) Chloroform-d	5.14	84	255782	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	6.03	65	166069	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	6.04	84	519927	54.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.56%
36) 1,2-Dichloropropane-d6	7.37	67	163882	55.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.66%
41) Toluene-d8	8.70	98	461154	53.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.22%
43) trans-1,3-Dichloropropene-	8.99	79	77185	53.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.14%
47) 2-Hexanone-d5	9.43	63	137661	105.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.23%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	211624	51.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.88%
66) 1,2-Dichlorobenzene-d4	12.36	152	155303	58.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

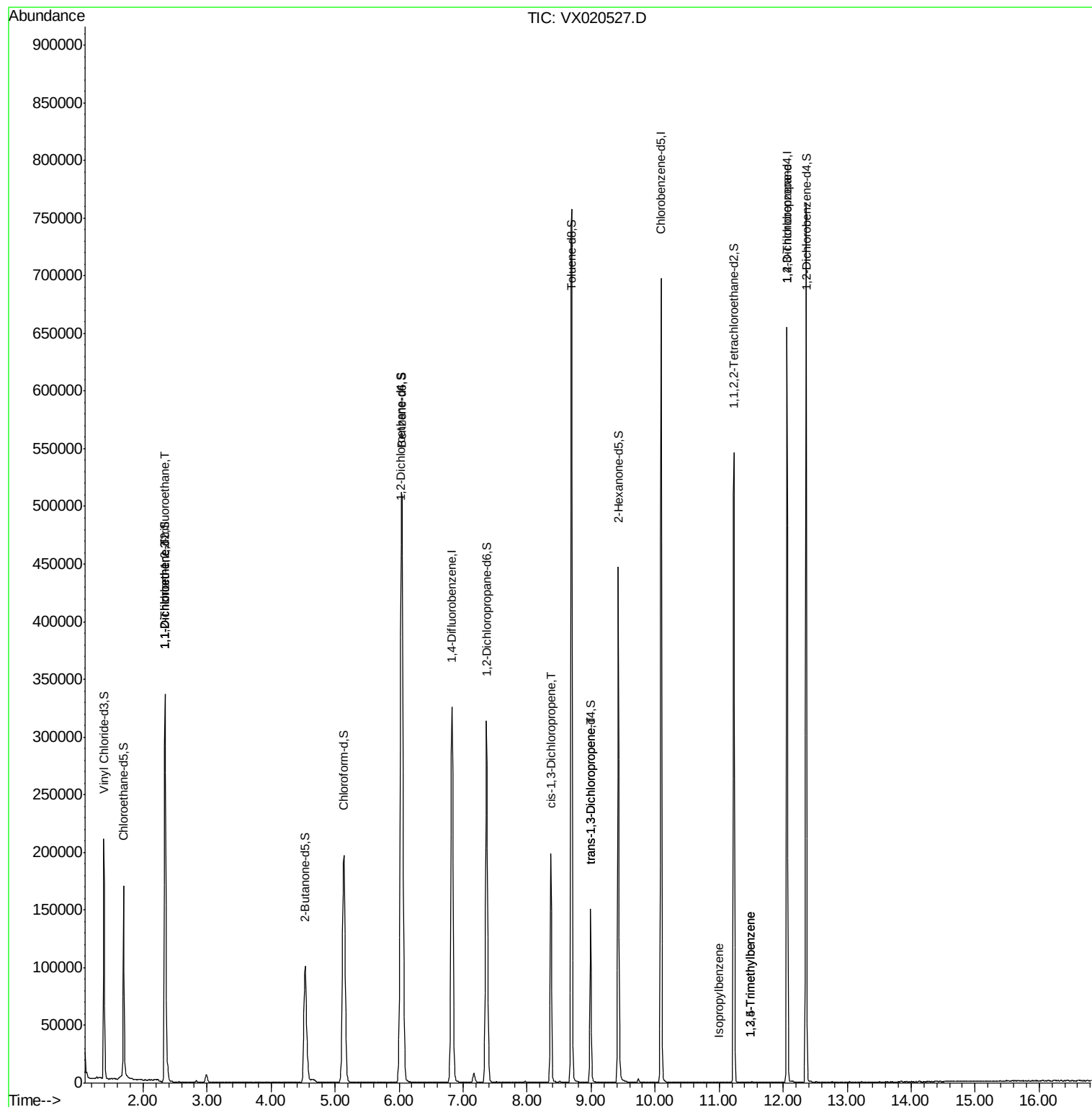
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1747	0.719	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	1411	0.594	ug/L #	1
39) cis-1,3-Dichloropropene	8.37	75	4173	1.039	ug/L #	63
44) trans-1,3-Dichloropropene	8.99	75	3024	0.772	ug/L	94
60) Isopropylbenzene	11.00	105	41	0.004	ug/L #	54
61) 1,2,3-Trichloropropane	12.06	75	15287	5.192	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.49	105	40	0.005	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.49	105	40	0.005	ug/L #	31

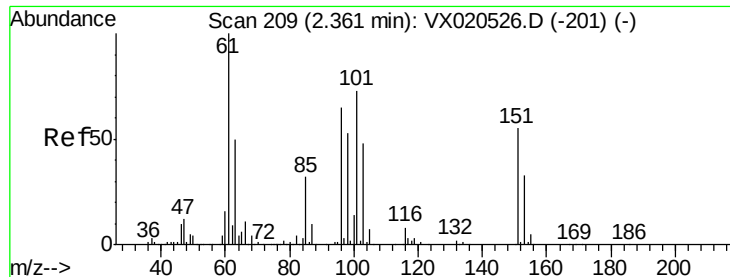
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010721\
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Misc : 5.0µL/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 00:56:41 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 00:55:52 2021
Response via : Initial Calibration





#10

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

Concen: 0.719 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX020527.D

Acq: 07 Jan 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

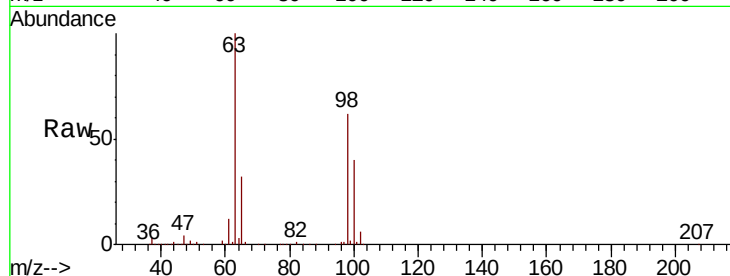
Tot Ion:101 Resp: 1747

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

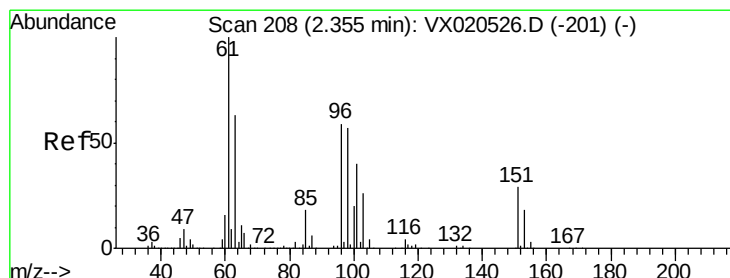
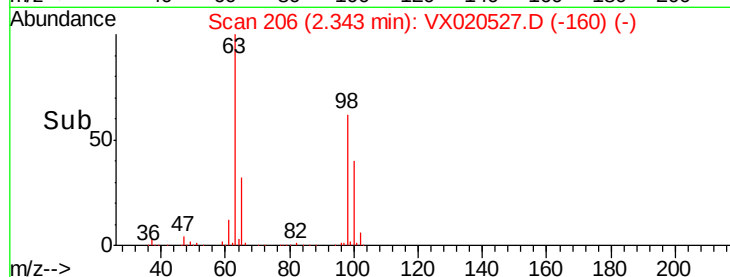
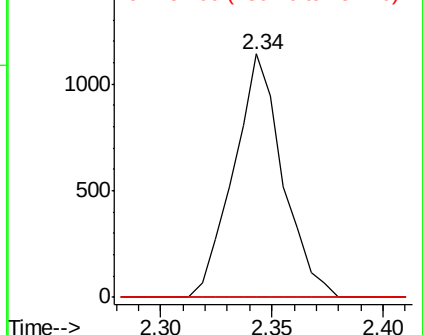
151 0.0 60.7 91.1#



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: 0.594 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX020527.D

Acq: 07 Jan 2021 12:28

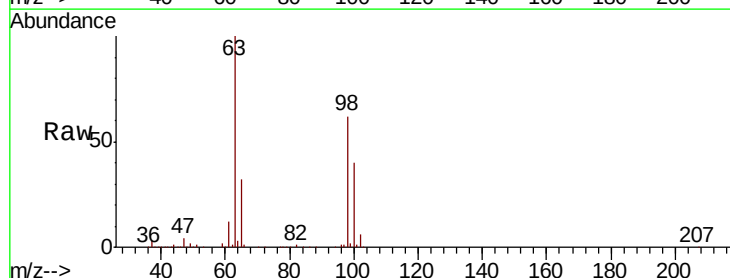
Tgt Ion: 96 Resp: 1411

Ion Ratio Lower Upper

96 100

61 1632.4 115.5 214.5#

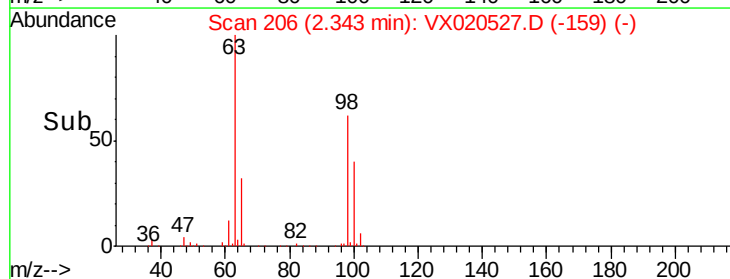
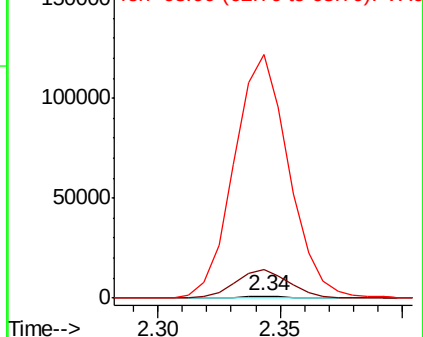
63 13689.0 77.3 143.7#

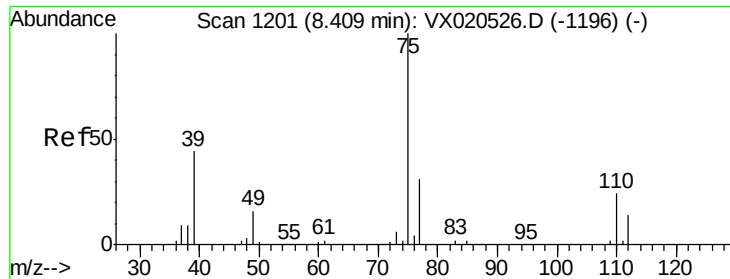


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0



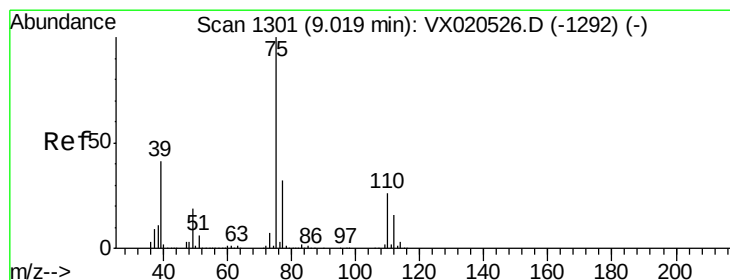
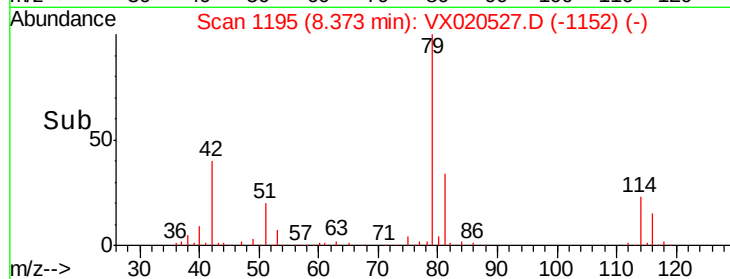
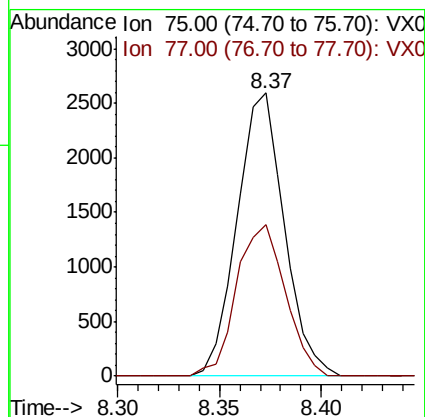
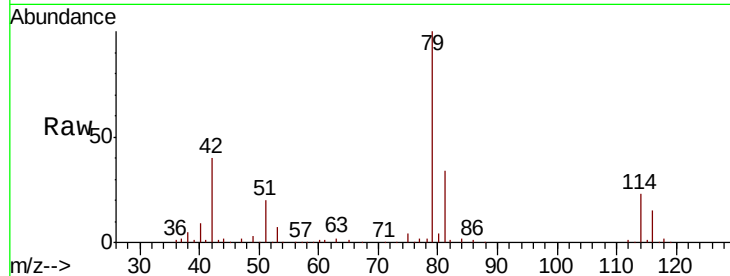


#39

cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX020527.D
Acq: 07 Jan 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :

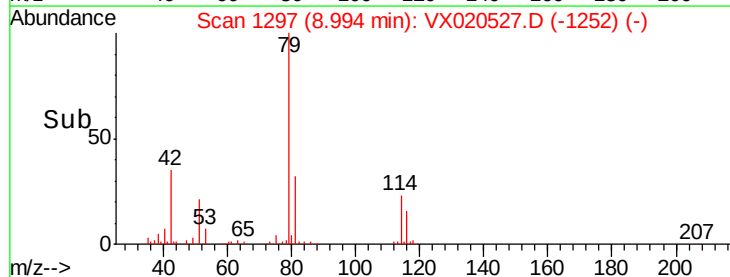
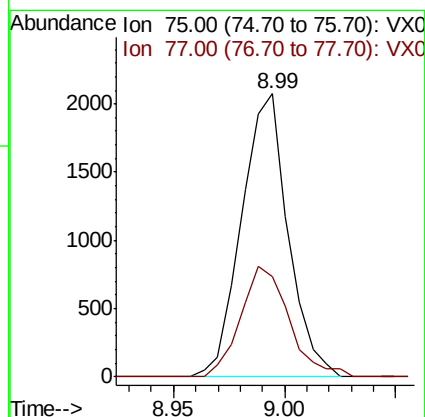
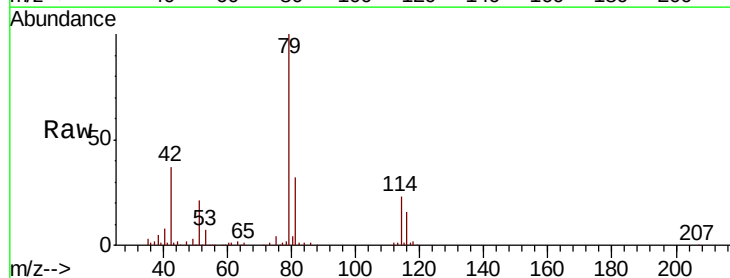
Tot Ion: 75 Resp: 4173
Ion Ratio Lower Upper
75 100
77 53.5 22.7 42.3#

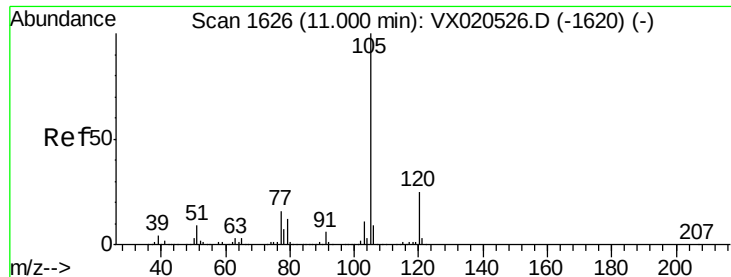


#44

trans-1,3-Dichloropropene
Concen: 0.772 ug/L
RT: 8.99 min Scan# 1297
Delta R.T. -0.02 min
Lab File: VX020527.D
Acq: 07 Jan 2021 12:28

Tgt Ion: 75 Resp: 3024
Ion Ratio Lower Upper
75 100
77 35.2 22.4 41.6





#60

Isopropylbenzene

Concen: 0.004 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020527.D

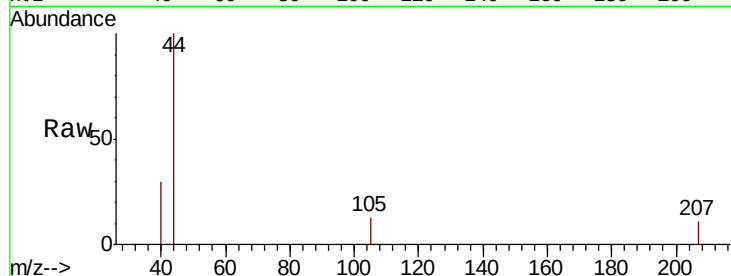
Acq: 07 Jan 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

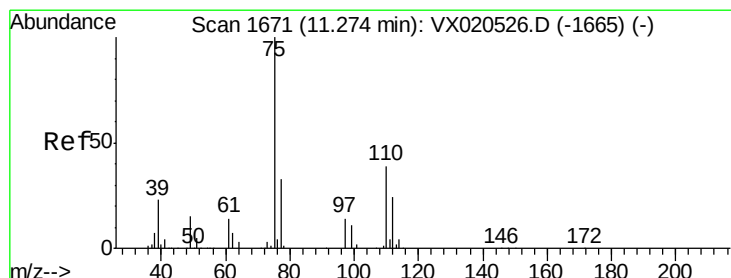
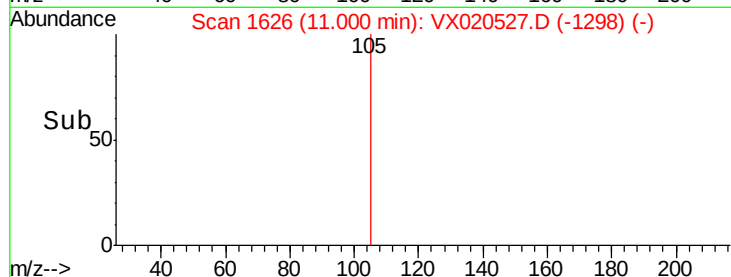
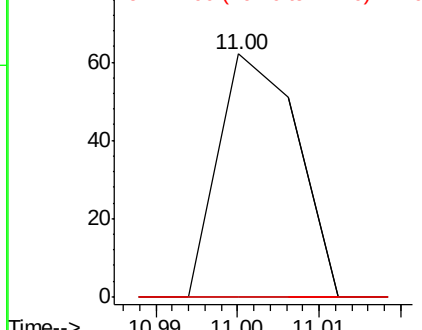
Tot Ion:	105	Resp:	41
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.2	31.8#
77	0.0	12.6	18.8#



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



#61

1,2,3-Trichloropropane

Concen: 5.192 ug/L

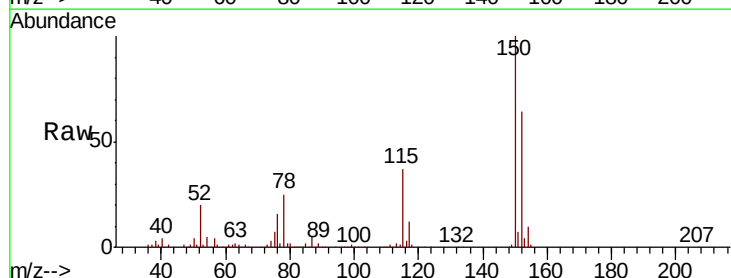
RT: 12.06 min Scan# 1800

Delta R.T. 0.79 min

Lab File: VX020527.D

Acq: 07 Jan 2021 12:28

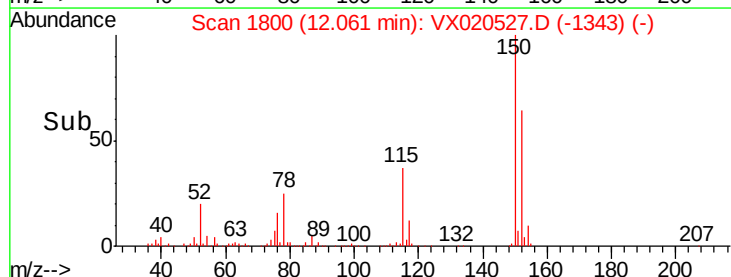
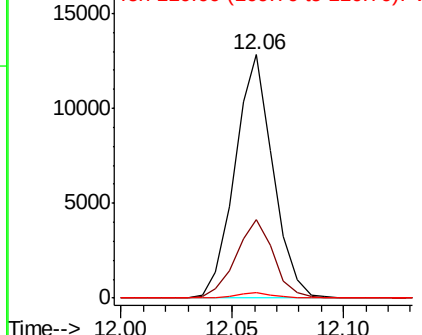
Tgt Ion:	75	Resp:	15287
Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.2
110	2.2	31.8	47.8#

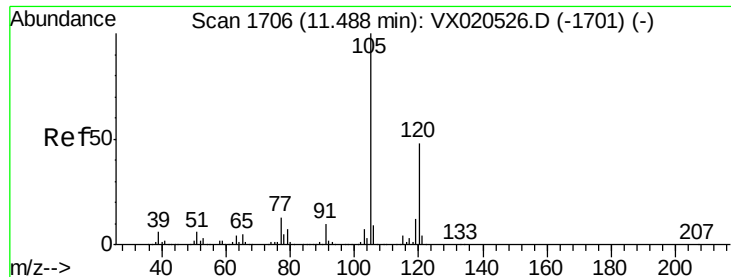


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX020527.D

Acq: 07 Jan 2021 12:28

Instrument :

MSVOA_X

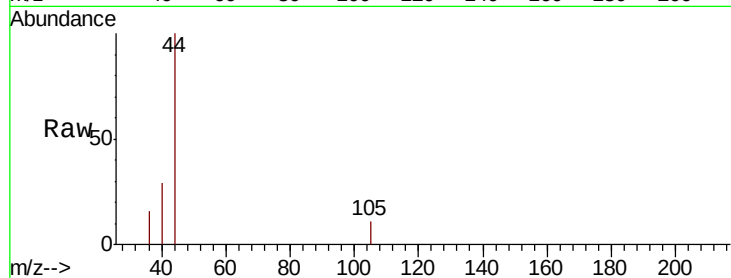
ClientSampleId :

Tot Ion:105 Resp: 40

Ion Ratio Lower Upper

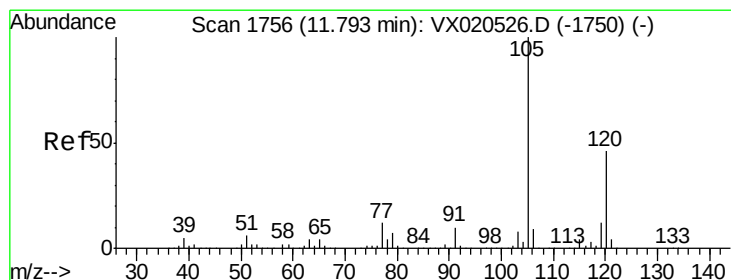
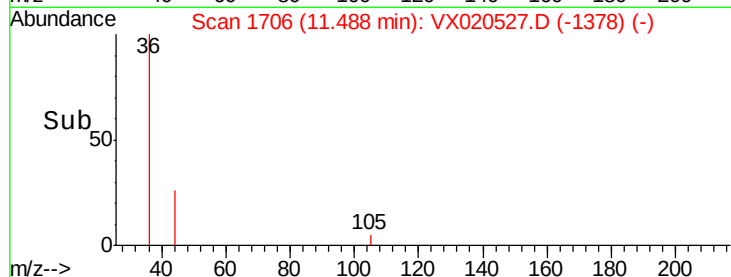
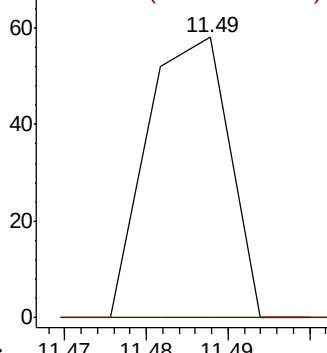
105 100

120 0.0 38.0 57.0#



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: 0.005 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.30 min

Lab File: VX020527.D

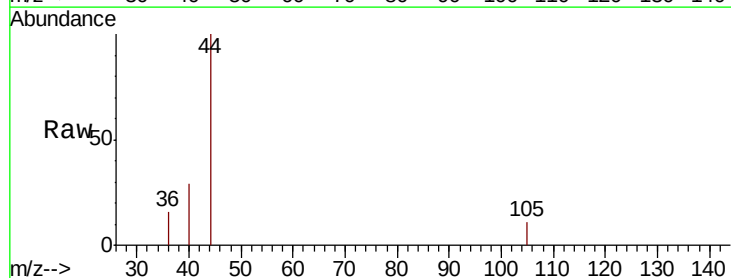
Acq: 07 Jan 2021 12:28

Tgt Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 36.4 54.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

