

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019225.D
 Acq On : 03 Nov 2020 11:22
 Operator : JC/MD
 Sample : VX1103MBL04
 Misc : 5.00µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:22:24 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	461228	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	408350	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	183986	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	179308	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.32%
7) Chloroethane-d5	1.70	69	144030	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.70%
11) 1,1-Dichloroethene-d2	2.34	63	240667	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	4.54	46	208649	103.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.00%
24) Chloroform-d	5.14	84	300932	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
26) 1,2-Dichloroethane-d4	6.03	65	210950	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
32) Benzene-d6	6.05	84	642306	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	7.37	67	194072	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	8.70	98	586265	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	8.99	79	97015	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.74%
47) 2-Hexanone-d5	9.43	63	165399	106.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.98%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	220899	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
66) 1,2-Dichlorobenzene-d4	12.36	152	184403	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

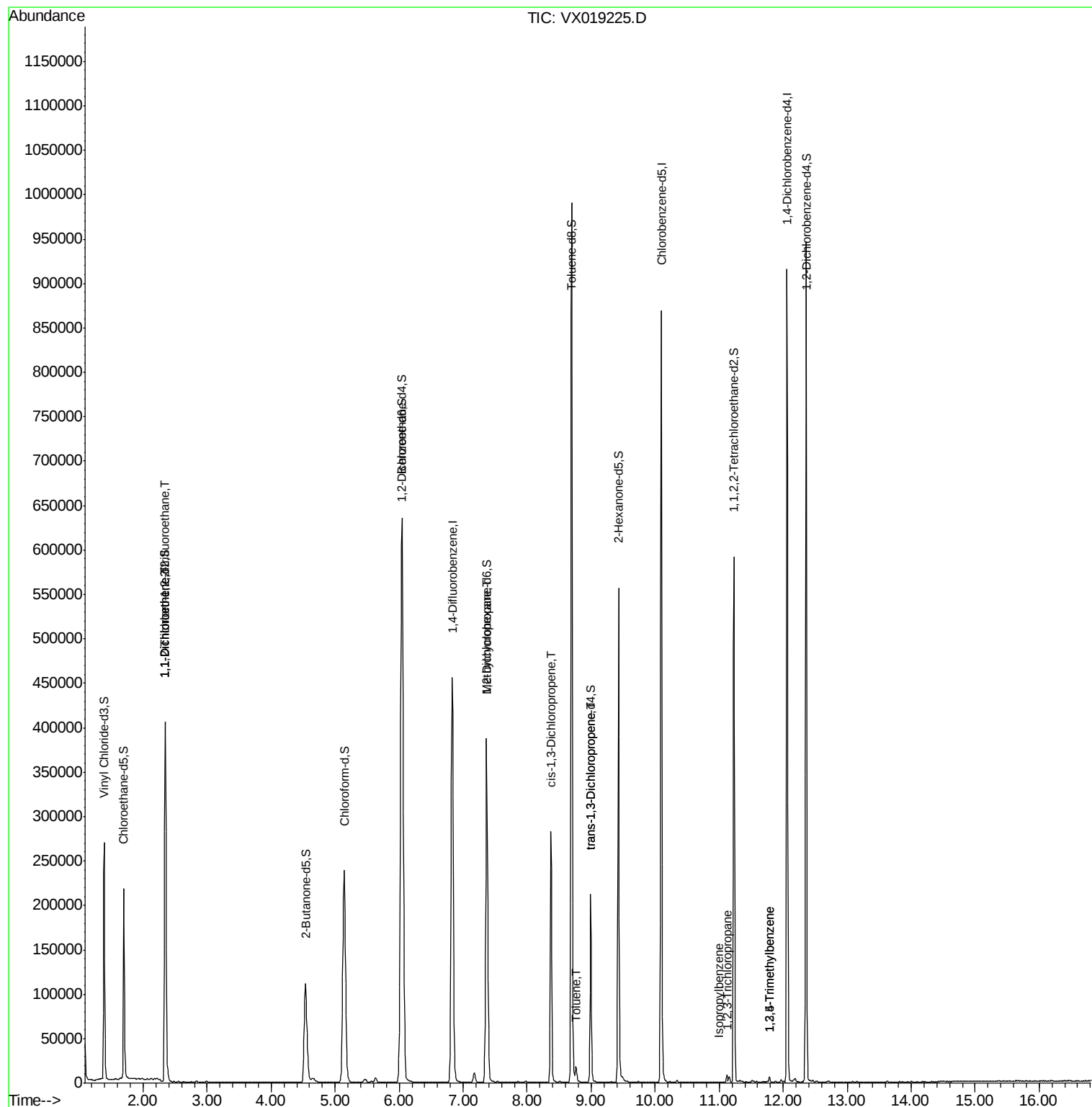
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	2192	0.765	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	2042	0.735	ug/L #	1
35) Methylcyclohexane	7.37	83	49307	9.735	ug/L #	21
39) cis-1,3-Dichloropropene	8.37	75	6674	1.379	ug/L #	62
42) Toluene	8.76	91	8645	0.678	ug/L	95
44) trans-1,3-Dichloropropene	8.99	75	4628	0.982	ug/L #	77
60) Isopropylbenzene	11.01	105	162	0.013	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	1224	0.391	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.79	105	1235	0.120	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	1235	0.127	ug/L	98

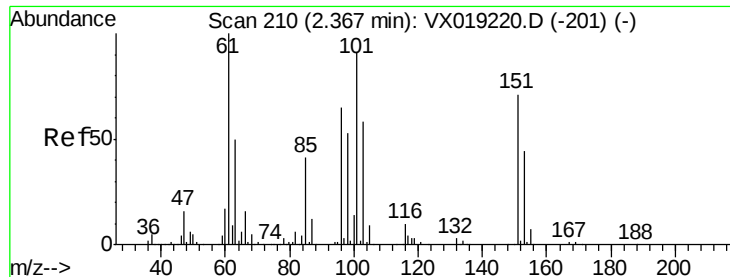
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0µL/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 01:22:24 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: 0.765 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX019225.D

Acq: 03 Nov 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

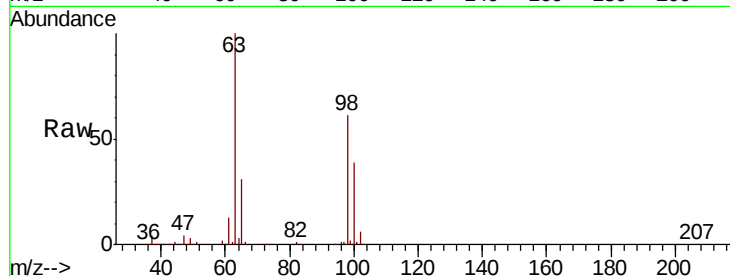
Tot Ion:101 Resp: 2192

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

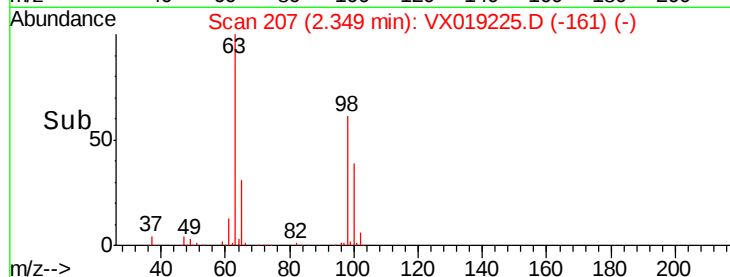
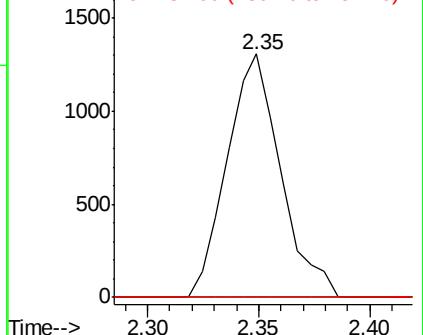
151 0.0 59.9 89.9#



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: 0.735 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX019225.D

Acq: 03 Nov 2020 11:22

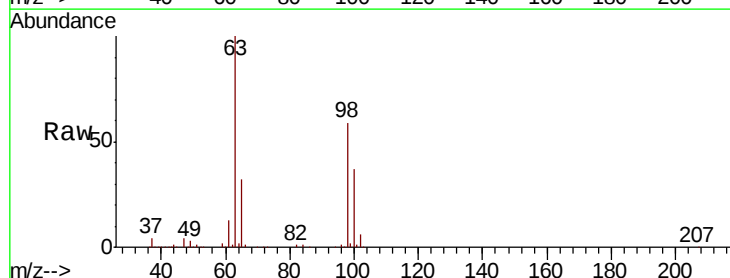
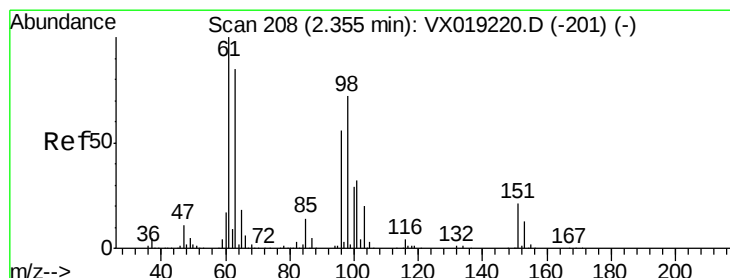
Tgt Ion: 96 Resp: 2042

Ion Ratio Lower Upper

96 100

61 1564.8 115.1 213.8#

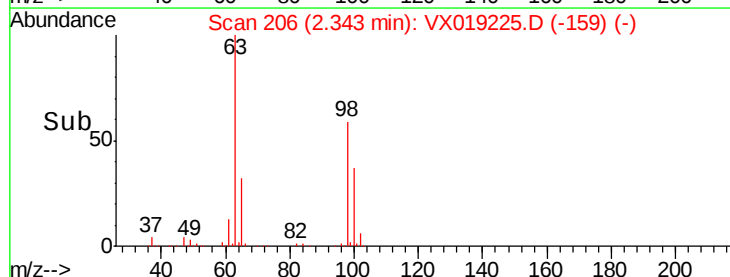
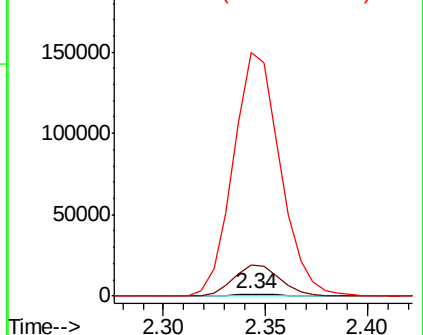
63 12427.9 78.3 145.5#

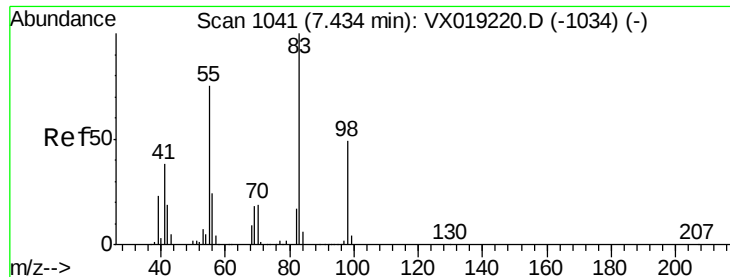


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

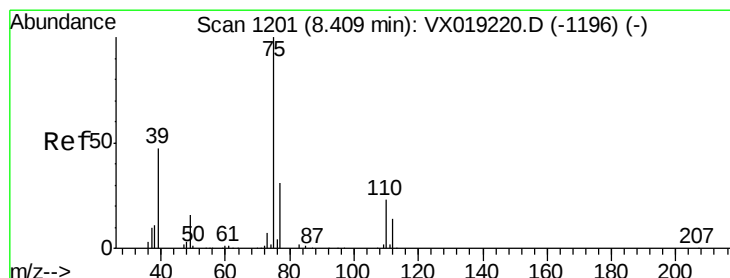
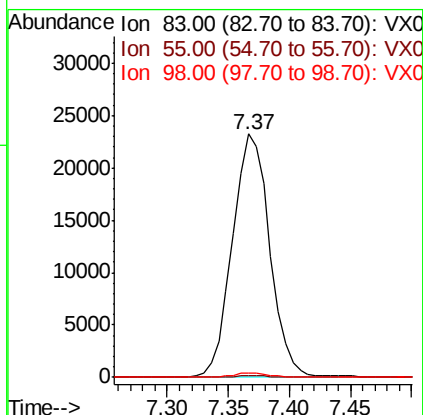
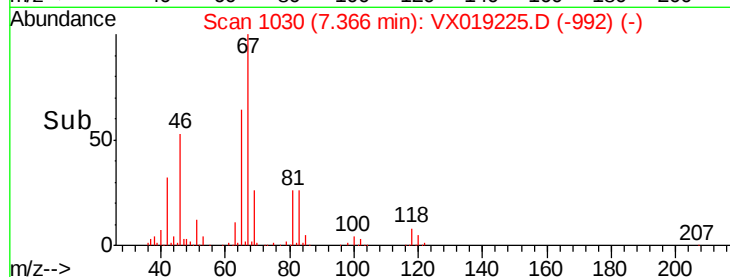
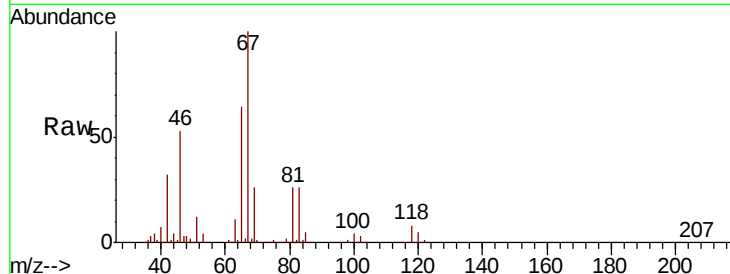




#35
Methylcyclohexane
Concen: 9.735 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX019225.D
Acq: 03 Nov 2020 11:22

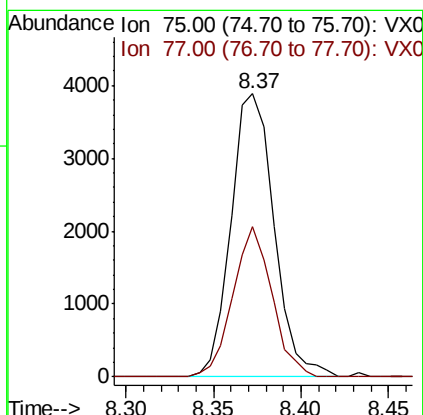
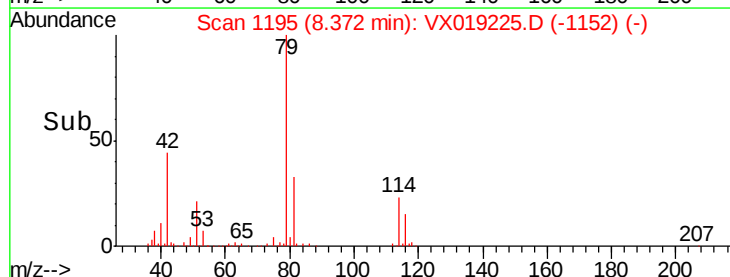
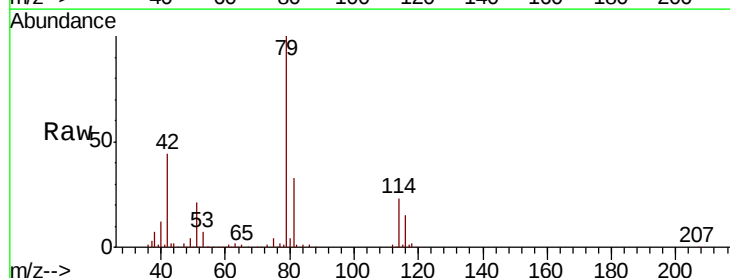
Instrument :
MSVOA_X
ClientSampled :

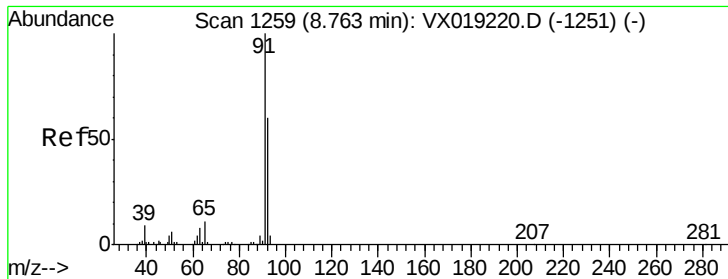
Tot Ion: 83 Resp: 49307
Ion Ratio Lower Upper
83 100
55 0.8 58.6 87.8#
98 1.9 39.0 58.6#



#39
cis-1,3-Dichloropropene
Concen: 1.379 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX019225.D
Acq: 03 Nov 2020 11:22

Tgt Ion: 75 Resp: 6674
Ion Ratio Lower Upper
75 100
77 53.2 22.5 41.7#





#42

Toluene

Concen: 0.678 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019225.D

Acq: 03 Nov 2020 11:22

Instrument :

MSVOA_X

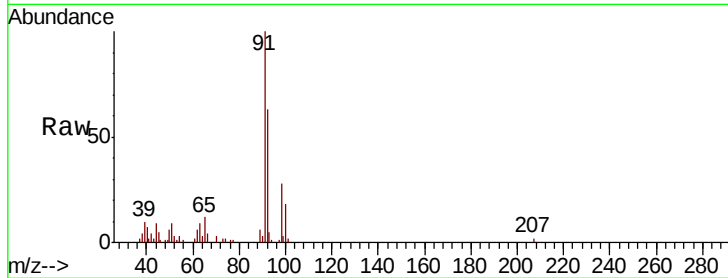
ClientSampleId :

Tot Ion: 91 Resp: 8645

Ion Ratio Lower Upper

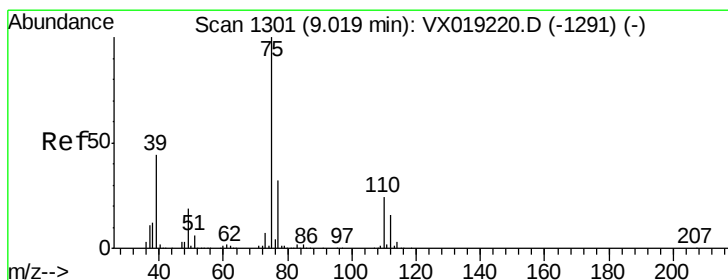
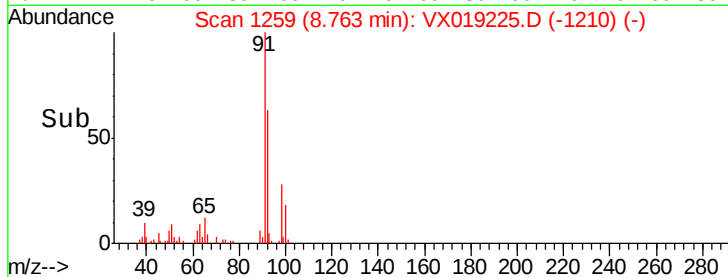
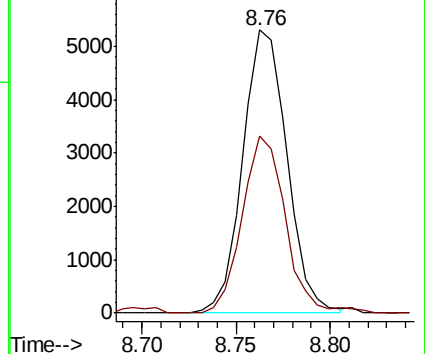
91 100

92 62.6 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#44

trans-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019225.D

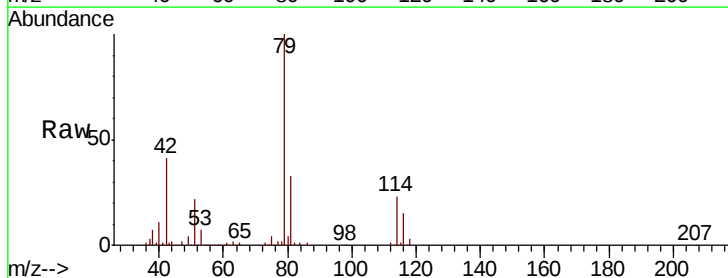
Acq: 03 Nov 2020 11:22

Tgt Ion: 75 Resp: 4628

Ion Ratio Lower Upper

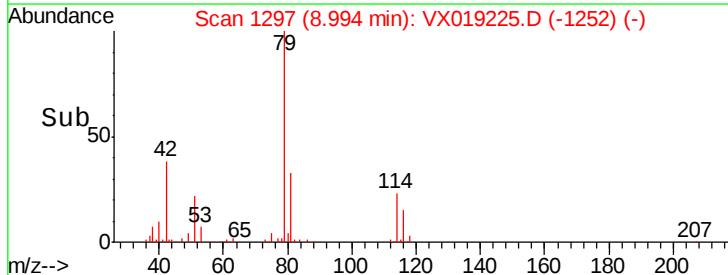
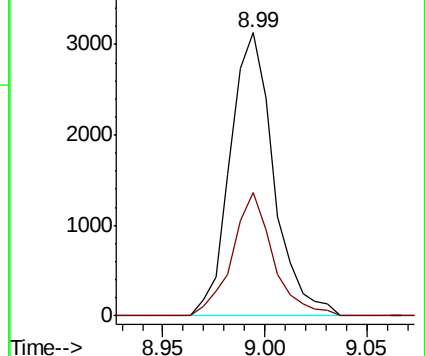
75 100

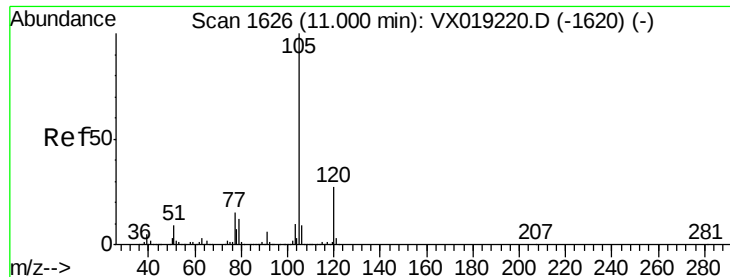
77 43.7 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#60

Isopropylbenzene

Concen: 0.013 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019225.D

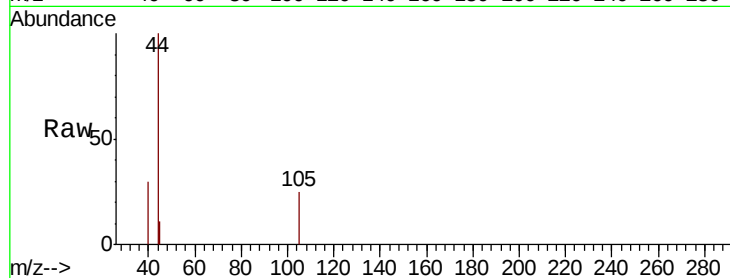
Acq: 03 Nov 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

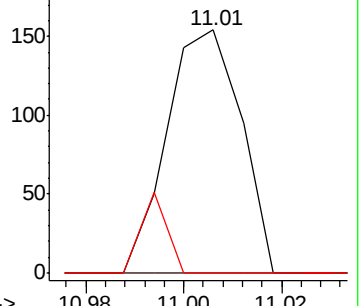
Tot Ion:	105	Resp:	162
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.1	31.7#
77	0.0	12.6	19.0#



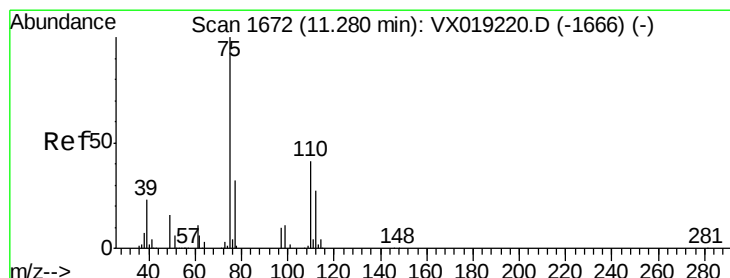
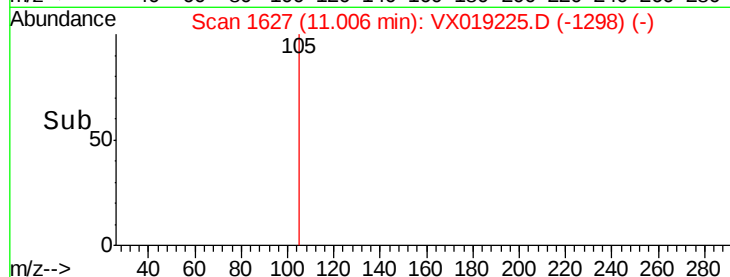
Abundance Ion 105.00 (104.70 to 105.70): V

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: 0.391 ug/L

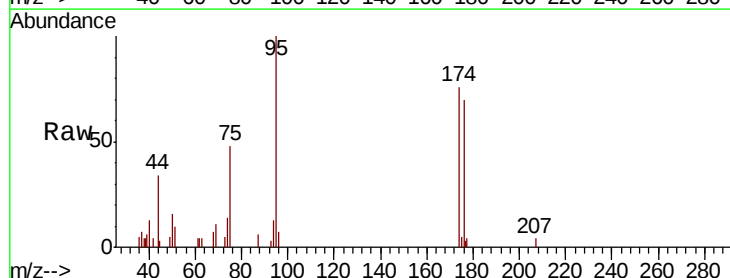
RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019225.D

Acq: 03 Nov 2020 11:22

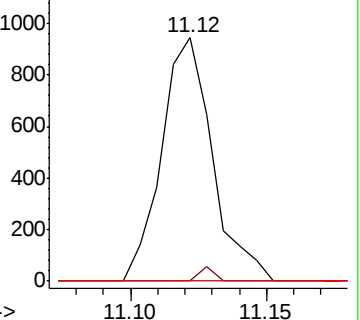
Tgt Ion:	75	Resp:	1224
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
110	0.0	32.2	48.2#



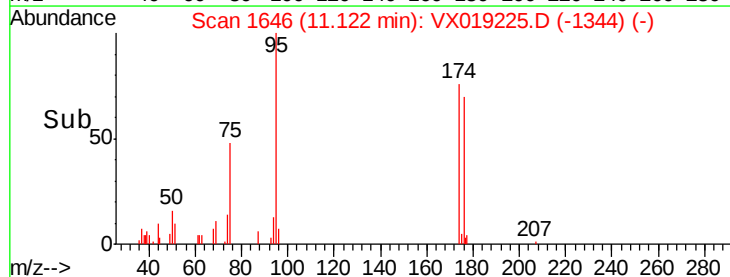
Abundance Ion 75.00 (74.70 to 75.70): VX0

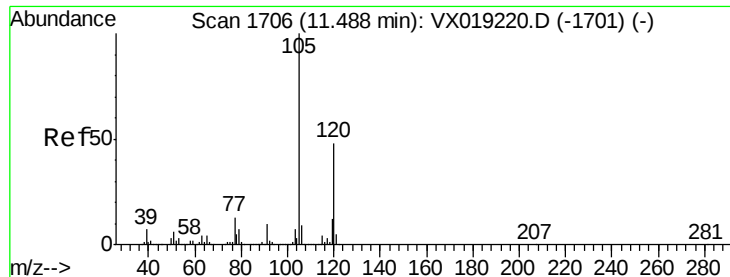
Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



Time-->





#62

1,3,5-Trimethylbenzene

Concen: 0.120 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.30 min

Lab File: VX019225.D

Acq: 03 Nov 2020 11:22

Instrument :

MSVOA_X

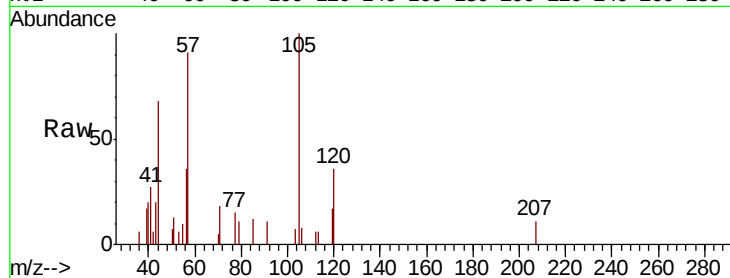
ClientSampleId :

Tot Ion:105 Resp: 1235

Ion Ratio Lower Upper

105 100

120 46.4 38.8 58.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

1000

800

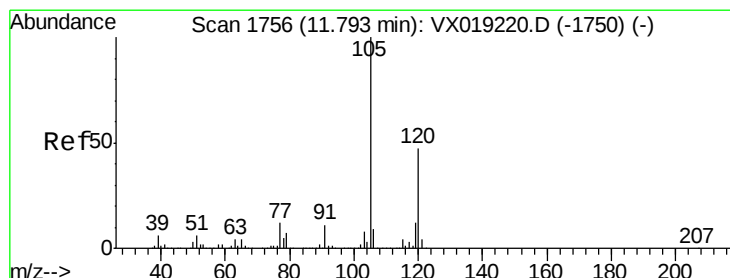
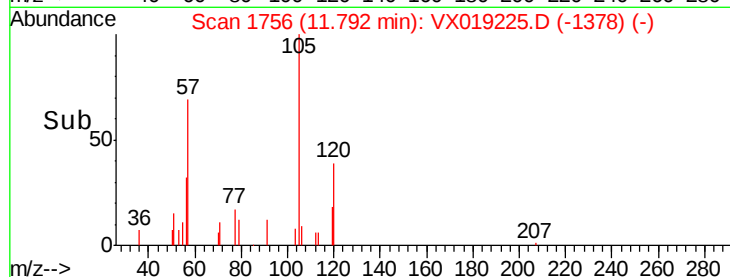
600

400

200

0

Time--> 11.75 11.80



#63

1,2,4-Trimethylbenzene

Concen: 0.127 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019225.D

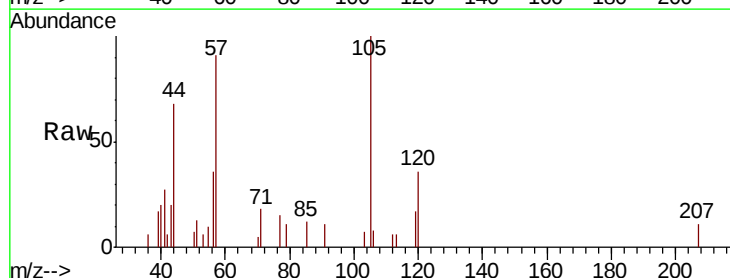
Acq: 03 Nov 2020 11:22

Tgt Ion:105 Resp: 1235

Ion Ratio Lower Upper

105 100

120 46.4 36.0 54.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

1000

800

600

400

200

0

Time--> 11.75 11.80

