

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019224.D
 Acq On : 03 Nov 2020 11:00
 Operator : JC/MD
 Sample : VX1103MBL03
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:22:17 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	423997	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	398550	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	180178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	171930	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.20%
7) Chloroethane-d5	1.70	69	136580	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.34	63	228688	37.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.94%
21) 2-Butanone-d5	4.53	46	211471	113.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.56%
24) Chloroform-d	5.14	84	288736	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	6.03	65	200634	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	6.05	84	610537	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	7.37	67	183293	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	8.70	98	563921	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.99	79	94635	48.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.68%
47) 2-Hexanone-d5	9.43	63	170832	113.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.21%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	224168	52.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.02%
66) 1,2-Dichlorobenzene-d4	12.36	152	189044	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%

Target Compounds

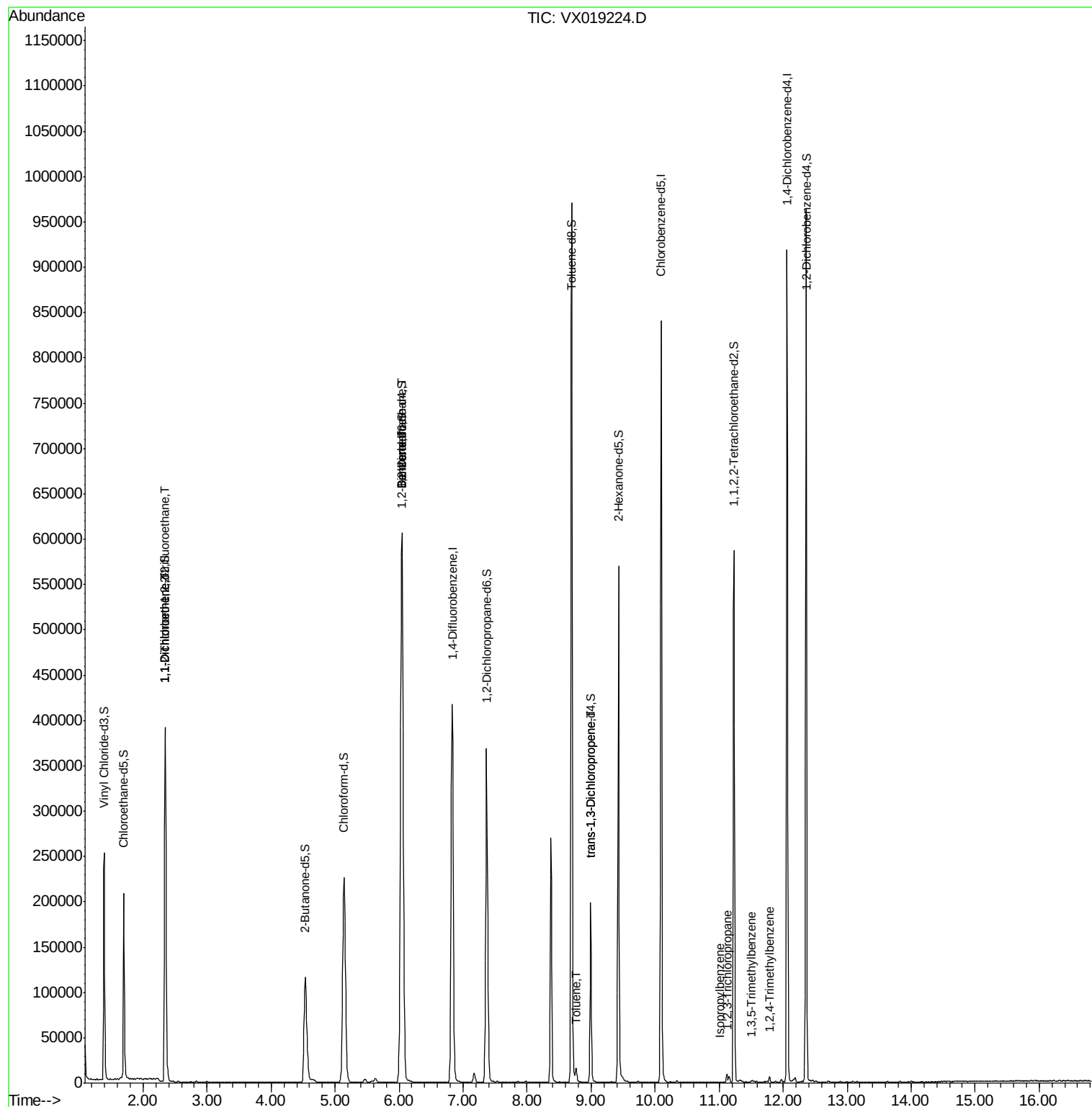
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2083	0.791	ug/L #	19
12) 1,1-Dichloroethene	2.35	96	1890	0.740	ug/L #	1
27) 1,2-Dichloroethane	6.04	62	3891	0.965	ug/L	96
33) Benzene	6.04	78	4966	0.434	ug/L	100
42) Toluene	8.76	91	8442	0.678	ug/L	97
44) trans-1,3-Dichloropropene	8.99	75	4732	1.029	ug/L #	83
60) Isopropylbenzene	11.01	105	185	0.015	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	1322	0.431	ug/L #	41
62) 1,3,5-Trimethylbenzene	11.49	105	321	0.032	ug/L	91
63) 1,2,4-Trimethylbenzene	11.79	105	1385	0.146	ug/L	88

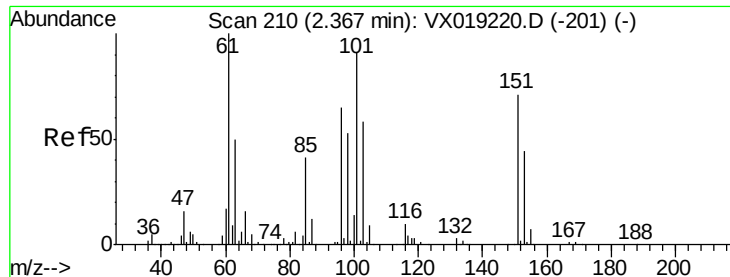
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110320\
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Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 01:22:17 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: 0.791 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

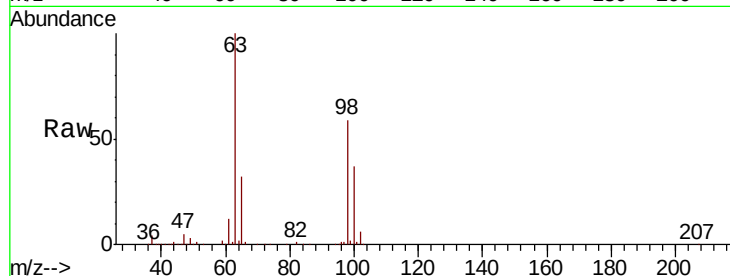
Tot Ion:101 Resp: 2083

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

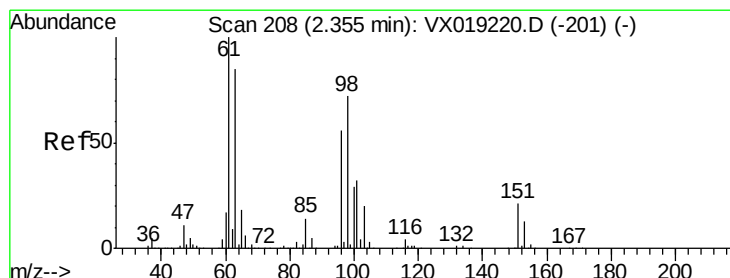
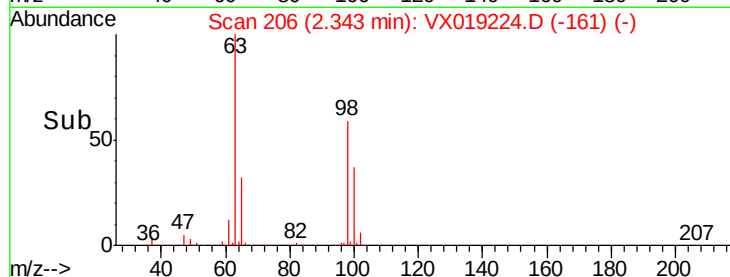
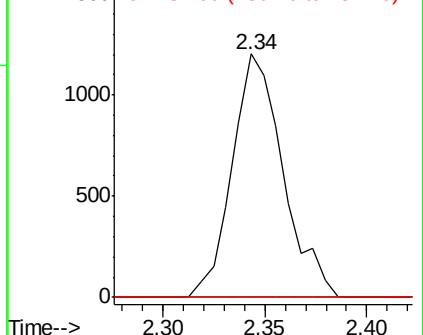
151 0.0 59.9 89.9#



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: 0.740 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

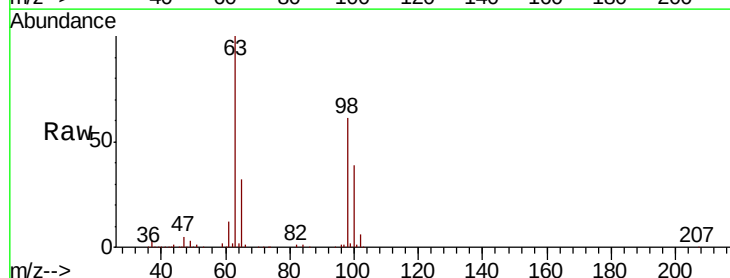
Tgt Ion: 96 Resp: 1890

Ion Ratio Lower Upper

96 100

61 1336.9 115.1 213.8#

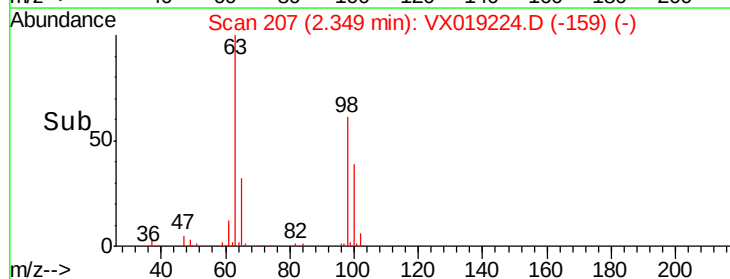
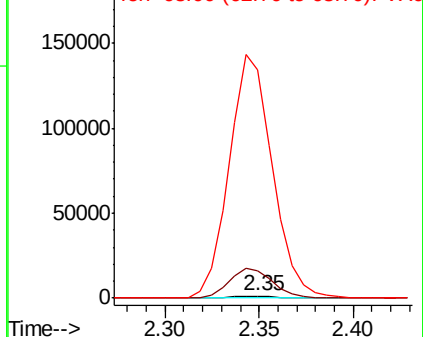
63 11086.7 78.3 145.5#

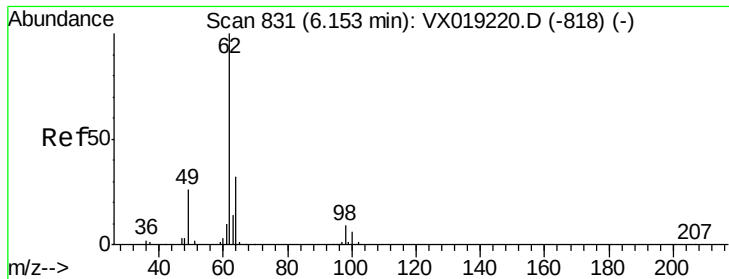


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

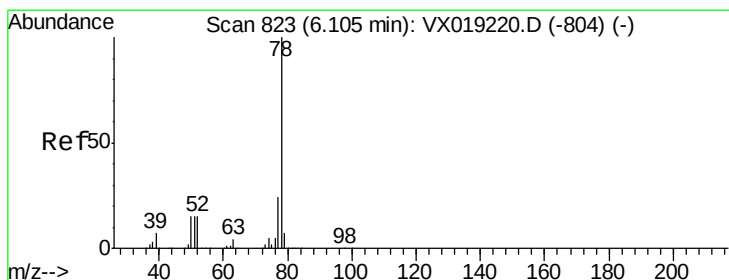
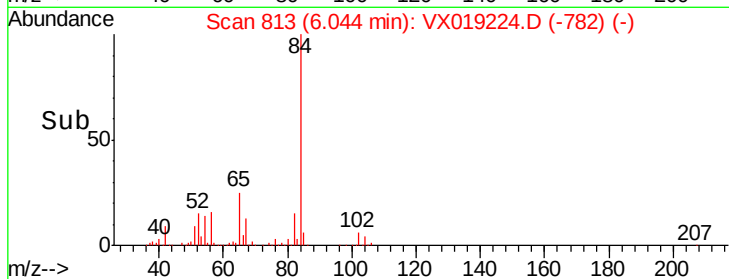
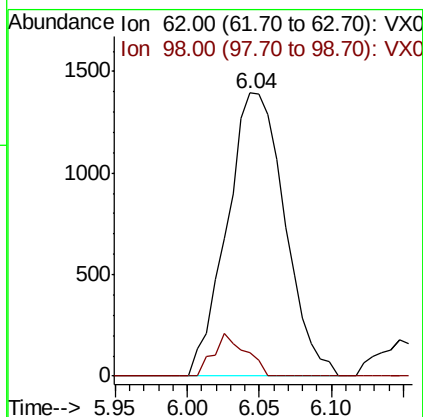
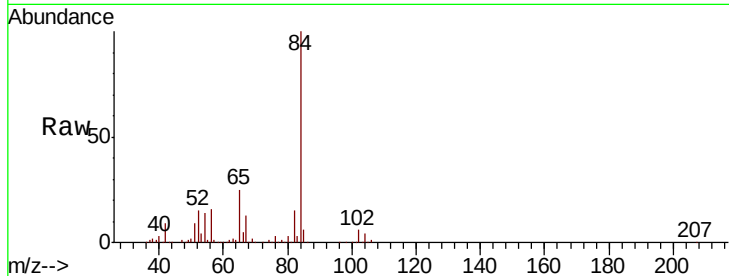




#27
 1,2-Dichloroethane
 Concen: 0.965 ug/L
 RT: 6.04 min Scan# 813
 Delta R.T. -0.11 min
 Lab File: VX019224.D
 Acq: 03 Nov 2020 11:00

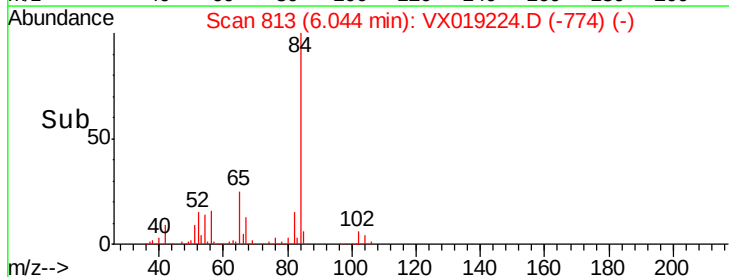
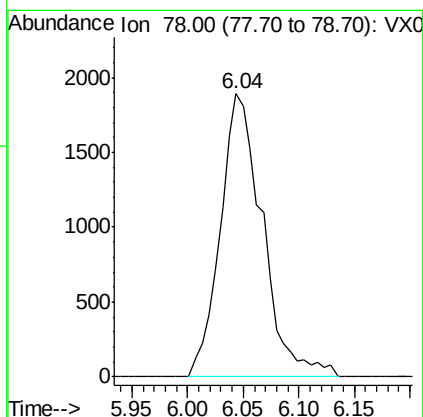
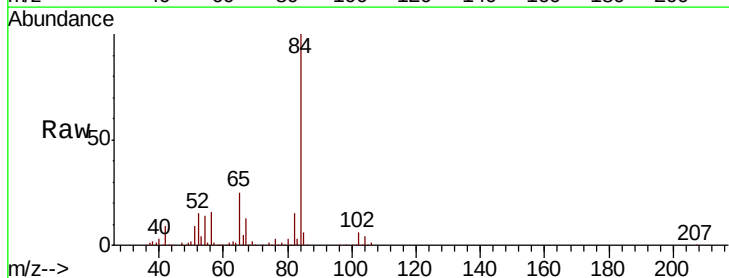
Instrument :
 MSVOA_X
 ClientSampleId :

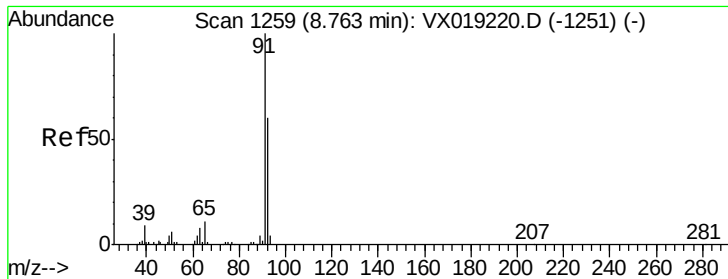
Tot Ion: 62 Resp: 3891
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.6 11.4



#33
 Benzene
 Concen: 0.434 ug/L
 RT: 6.04 min Scan# 813
 Delta R.T. -0.06 min
 Lab File: VX019224.D
 Acq: 03 Nov 2020 11:00

Tgt Ion: 78 Resp: 4966





#42

Toluene

Concen: 0.678 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

Instrument :

MSVOA_X

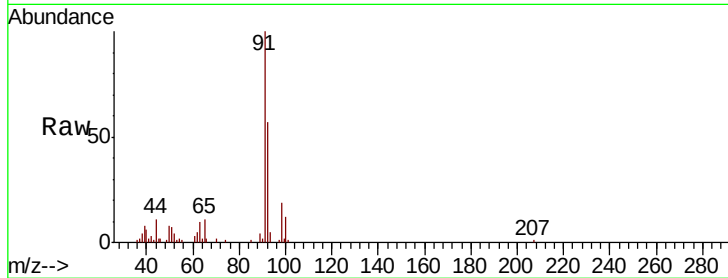
ClientSampleId :

Tot Ion: 91 Resp: 8442

Ion Ratio Lower Upper

91 100

92 56.9 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

8.76

6000

5000

4000

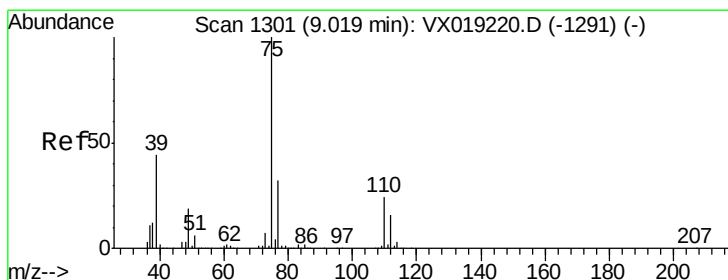
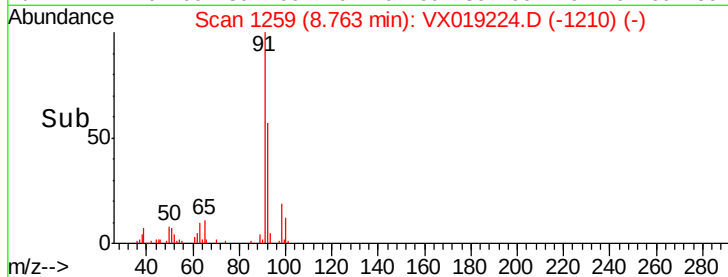
3000

2000

1000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX019224.D

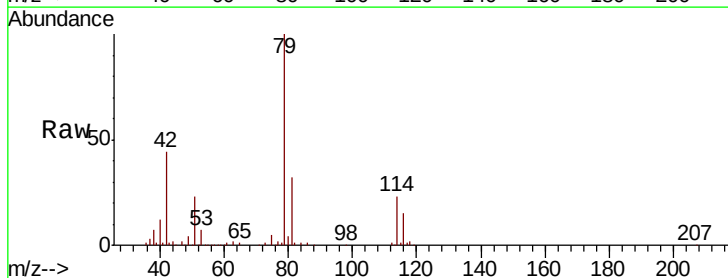
Acq: 03 Nov 2020 11:00

Tgt Ion: 75 Resp: 4732

Ion Ratio Lower Upper

75 100

77 40.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.99

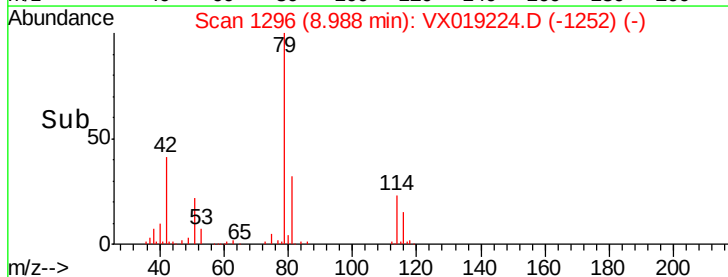
3000

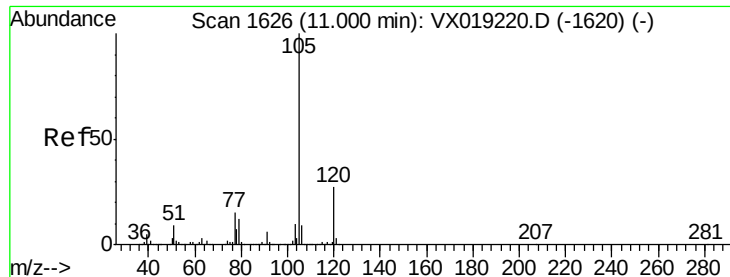
2000

1000

0

Time-->





#60

Isopropylbenzene

Concen: 0.015 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

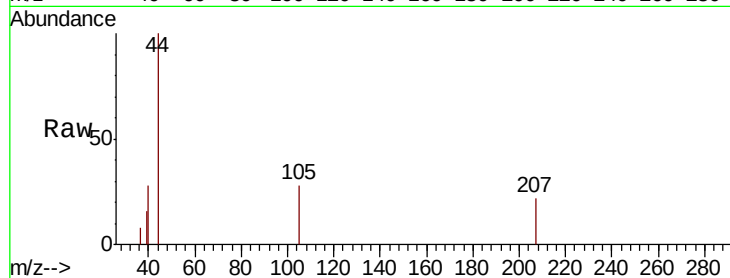
Tot Ion: 105 Resp: 185

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

11.01

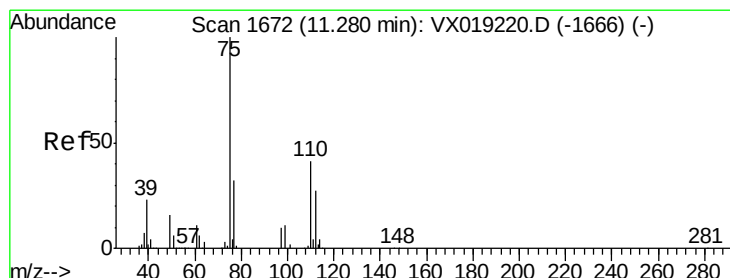
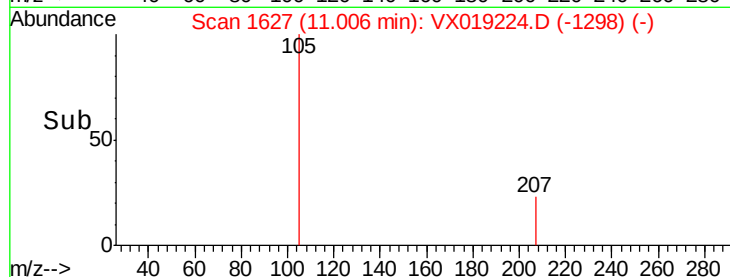
150

100

50

0

Time-->



#61

1,2,3-Trichloropropane

Concen: 0.431 ug/L

RT: 11.12 min Scan# 1645

Delta R.T. -0.16 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

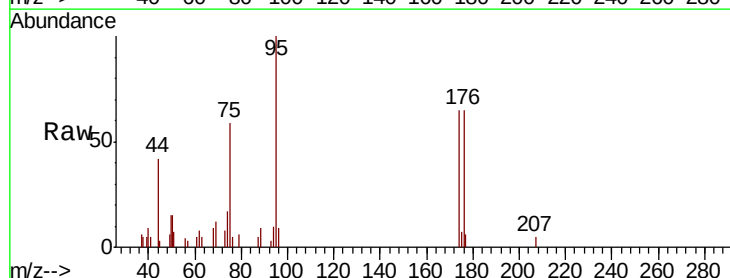
Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 3.1 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

11.12

1200

1000

800

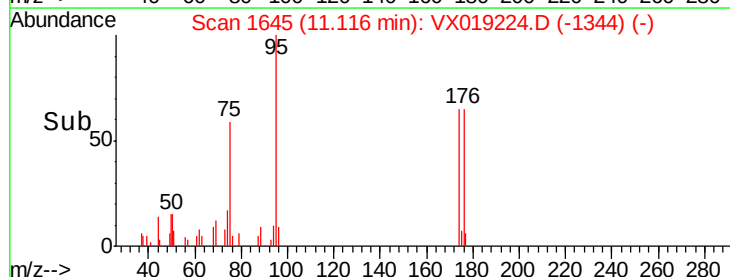
600

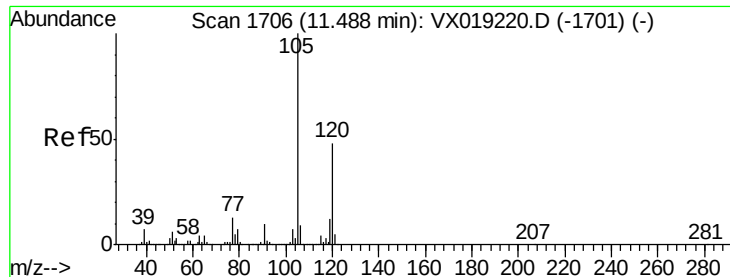
400

200

0

Time-->





#62

1,3,5-Trimethylbenzene

Concen: 0.032 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019224.D

Acq: 03 Nov 2020 11:00

Instrument :

MSVOA_X

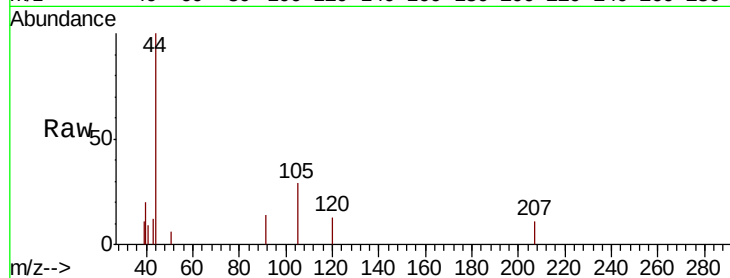
ClientSampled :

Tot Ion:105 Resp: 321

Ion Ratio Lower Upper

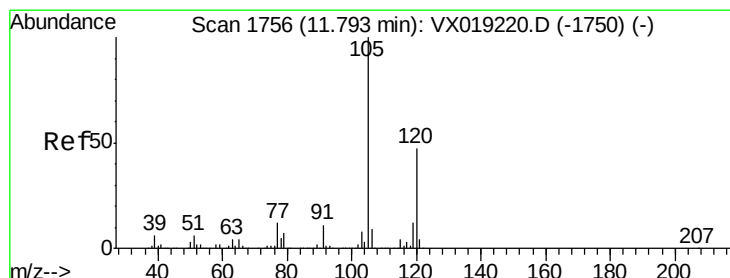
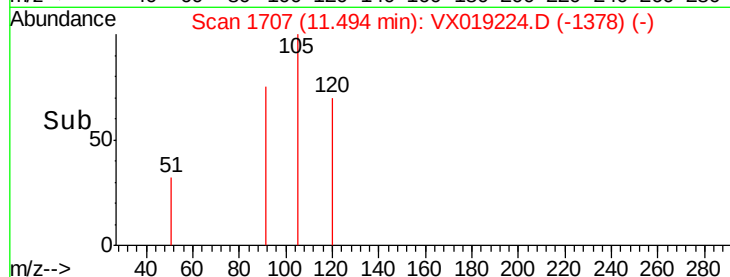
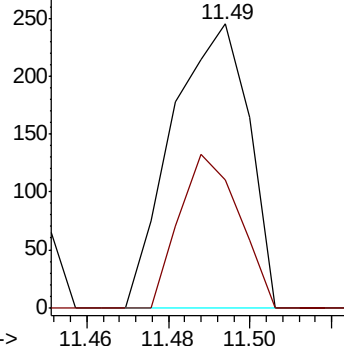
105 100

120 42.4 38.8 58.2



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: 0.146 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019224.D

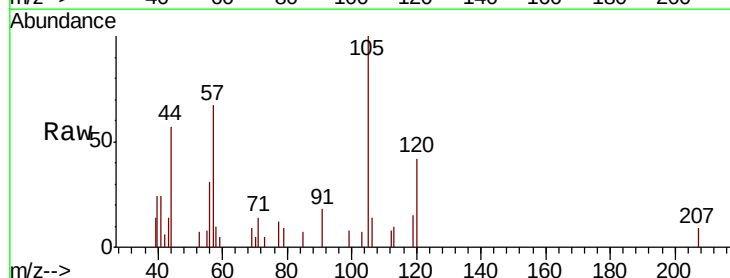
Acq: 03 Nov 2020 11:00

Tgt Ion:105 Resp: 1385

Ion Ratio Lower Upper

105 100

120 37.4 36.0 54.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

