

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019226.D
 Acq On : 03 Nov 2020 11:44
 Operator : JC/MD
 Sample : VX1103MBL05
 Misc : 5.00µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:22:32 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	432027	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	402906	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	188958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	168121	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.70	69	137312	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.44%
11) 1,1-Dichloroethene-d2	2.34	63	224144	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	4.54	46	211211	111.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.31%
24) Chloroform-d	5.14	84	283091	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	6.03	65	198794	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	6.05	84	601163	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	7.37	67	180013	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	8.70	98	563453	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
43) trans-1,3-Dichloropropene-	8.99	79	91420	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.34%
47) 2-Hexanone-d5	9.43	63	167439	109.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.76%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	226734	52.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.08%
66) 1,2-Dichlorobenzene-d4	12.36	152	187034	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

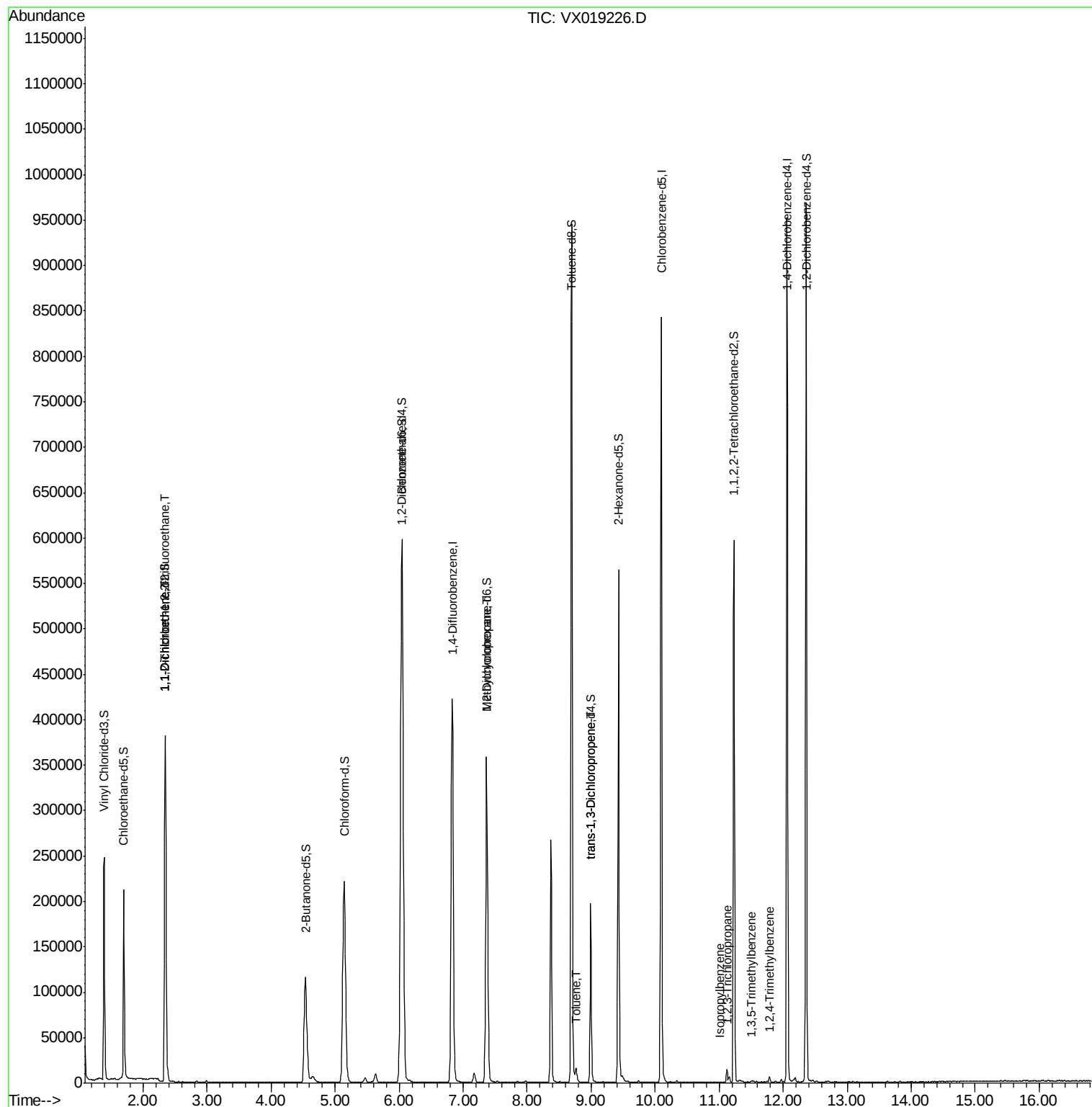
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2019	0.753	ug/L #	21
12) 1,1-Dichloroethene	2.35	96	1818	0.698	ug/L #	1
35) Methylcyclohexane	7.37	83	44512	8.907	ug/L #	21
42) Toluene	8.77	91	8406	0.668	ug/L	99
44) trans-1,3-Dichloropropene	8.99	75	4251	0.914	ug/L #	79
60) Isopropylbenzene	11.01	105	114	0.009	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	2037	0.633	ug/L #	40
62) 1,3,5-Trimethylbenzene	11.49	105	283	0.027	ug/L	86
63) 1,2,4-Trimethylbenzene	11.79	105	1164	0.117	ug/L	97

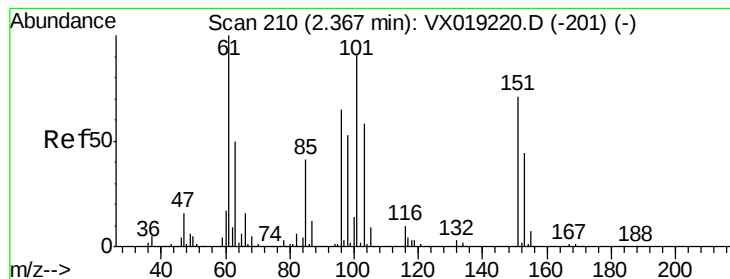
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 04 01:22:32 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: 0.753 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019226.D

Acq: 03 Nov 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

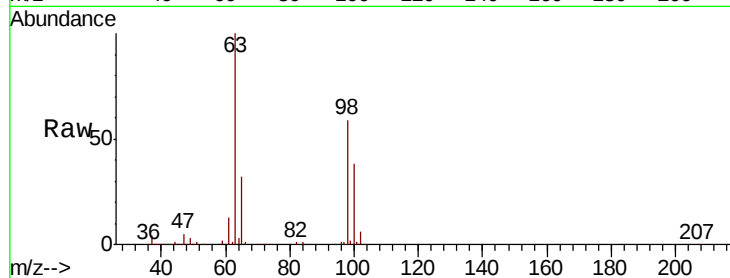
Tot Ion:101 Resp: 2019

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

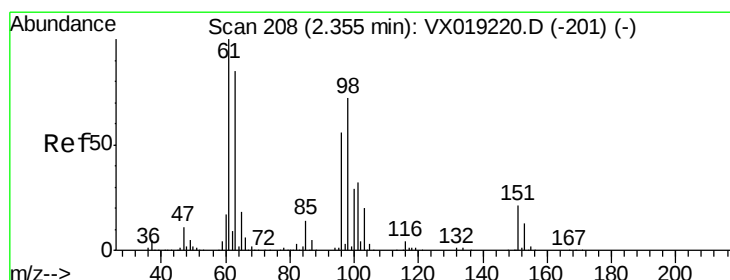
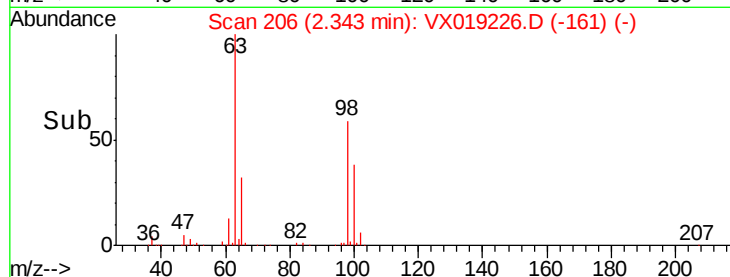
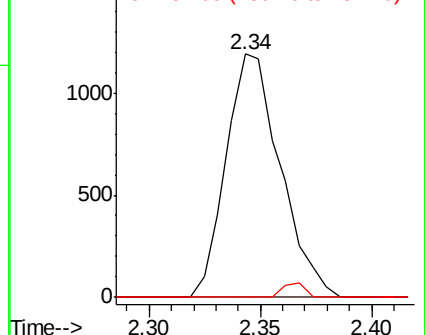
151 2.2 59.9 89.9#



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: 0.698 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019226.D

Acq: 03 Nov 2020 11:44

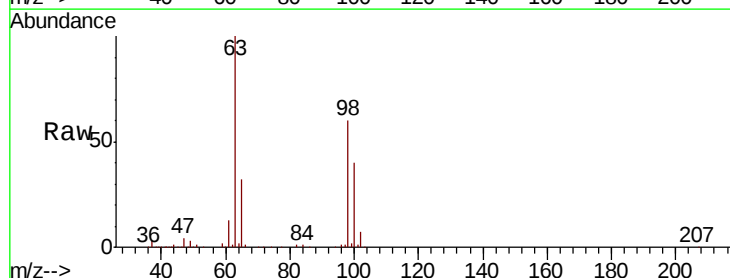
Tgt Ion: 96 Resp: 1818

Ion Ratio Lower Upper

96 100

61 1484.3 115.1 213.8#

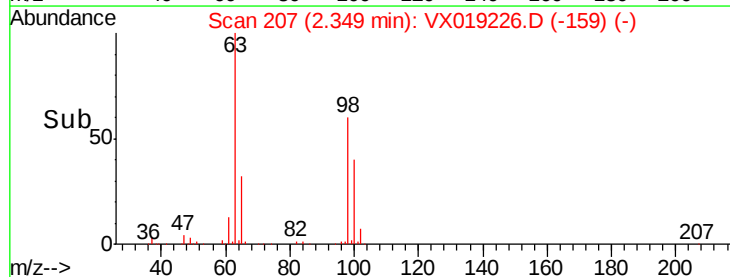
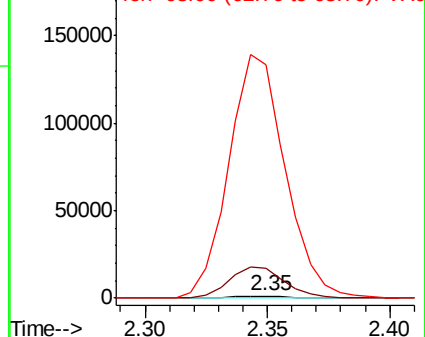
63 11706.2 78.3 145.5#

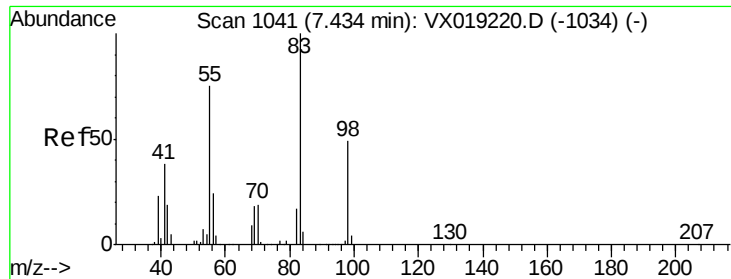


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

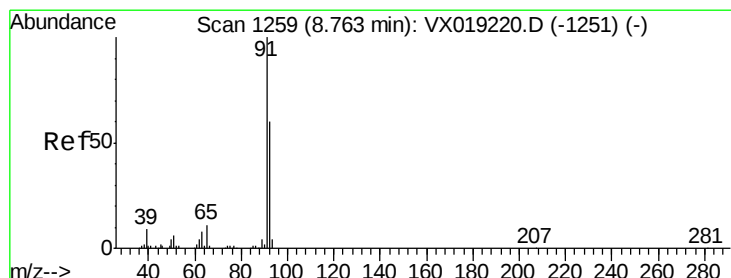
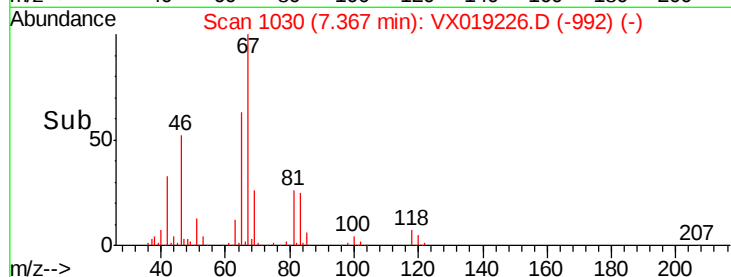
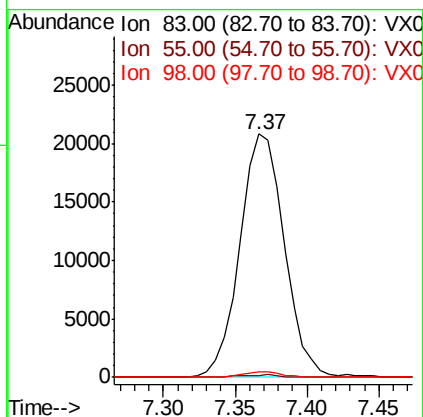
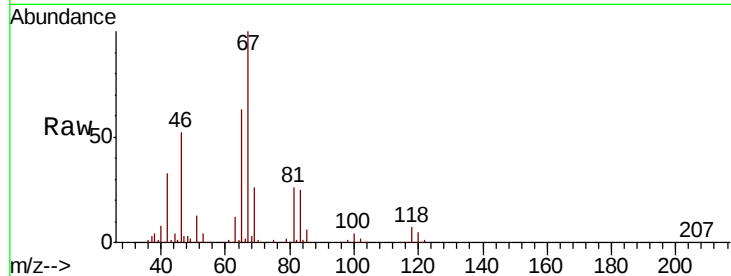




#35
Methvlcvclohexane
Concen: 8.907 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX019226.D
Acq: 03 Nov 2020 11:44

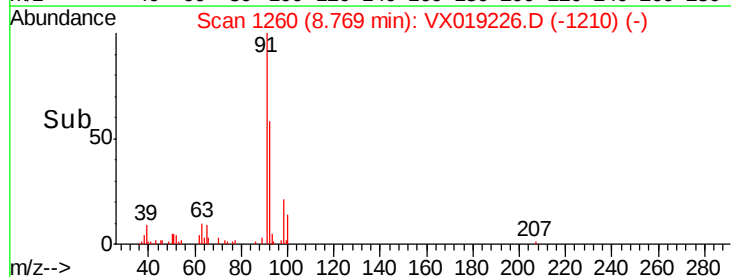
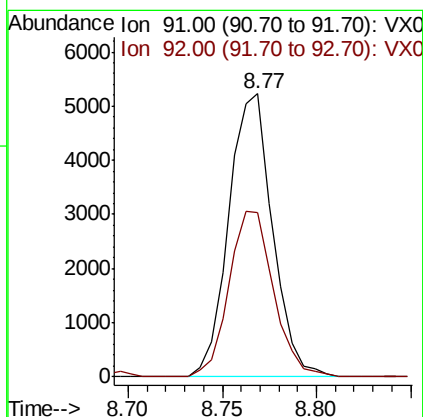
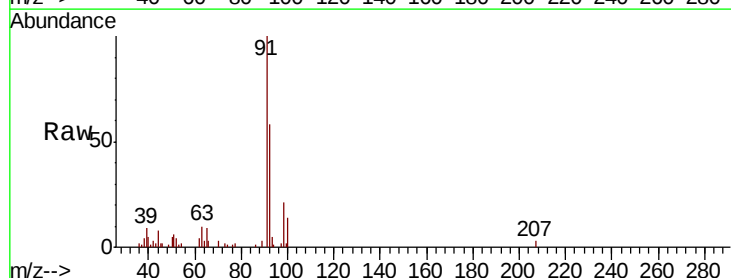
Instrument :
MSVOA_X
ClientSampled :

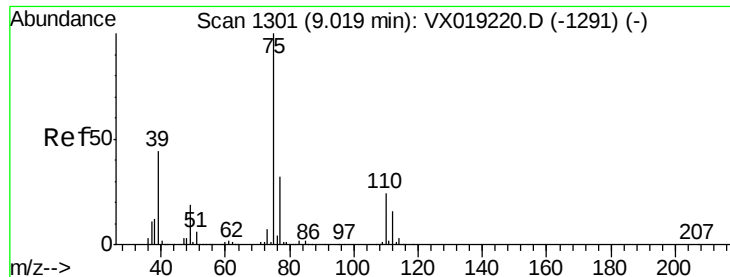
Tot Ion: 83 Resp: 44512
Ion Ratio Lower Upper
83 100
55 0.7 58.6 87.8#
98 2.2 39.0 58.6#



#42
Toluene
Concen: 0.668 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019226.D
Acq: 03 Nov 2020 11:44

Tgt Ion: 91 Resp: 8406
Ion Ratio Lower Upper
91 100
92 58.3 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.914 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019226.D

Acq: 03 Nov 2020 11:44

Instrument :

MSVOA_X

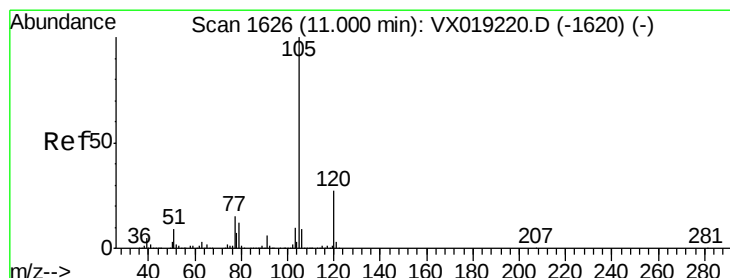
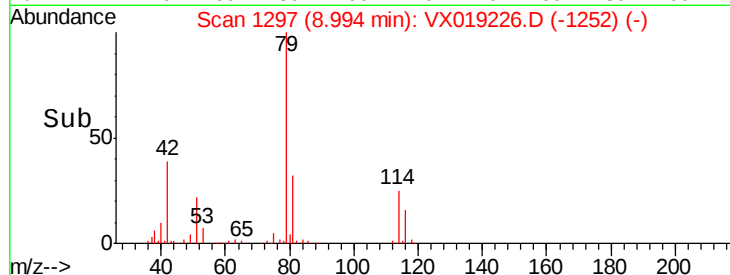
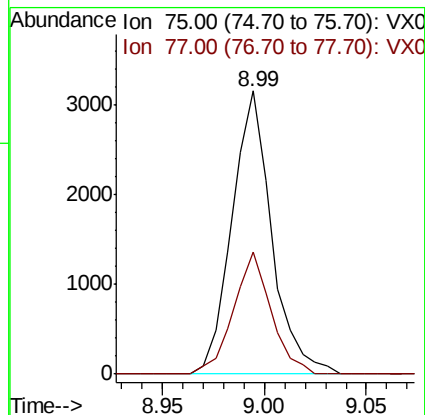
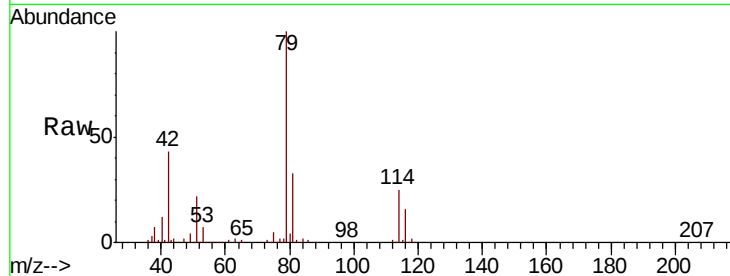
ClientSampleId :

Tot Ion: 75 Resp: 4251

Ion Ratio Lower Upper

75 100

77 43.0 21.8 40.6#



#60

Isopropylbenzene

Concen: 0.009 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019226.D

Acq: 03 Nov 2020 11:44

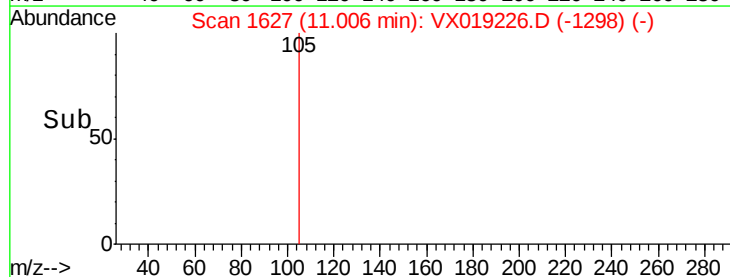
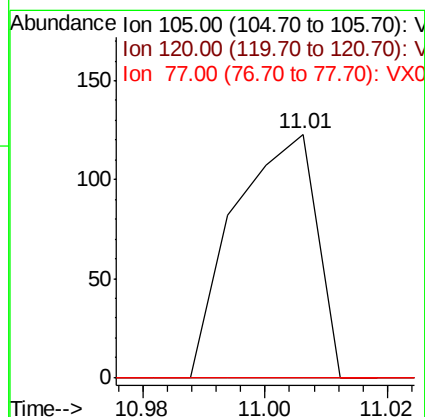
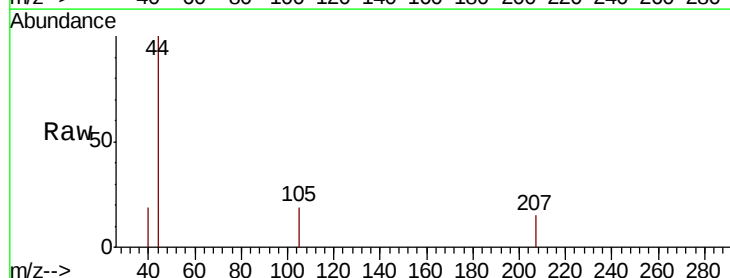
Tgt Ion: 105 Resp: 114

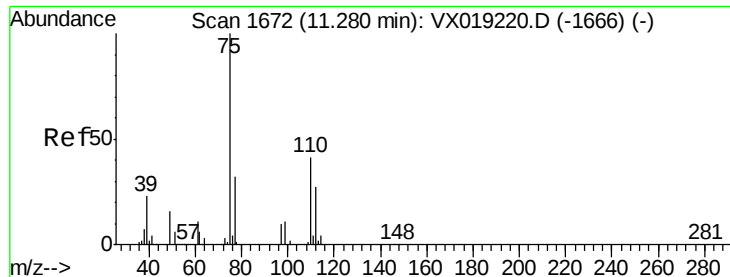
Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

77 0.0 12.6 19.0#

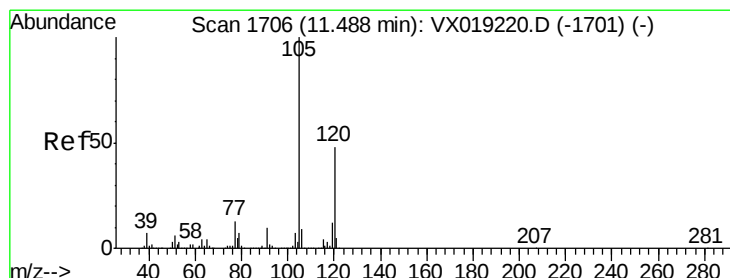
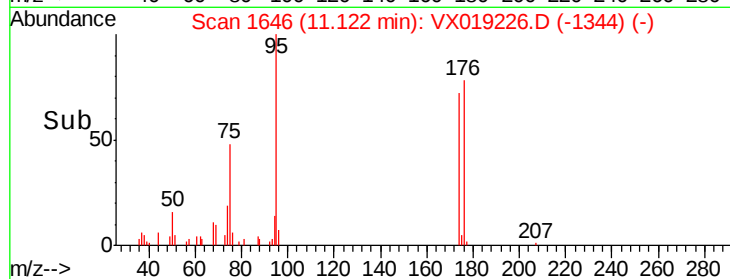
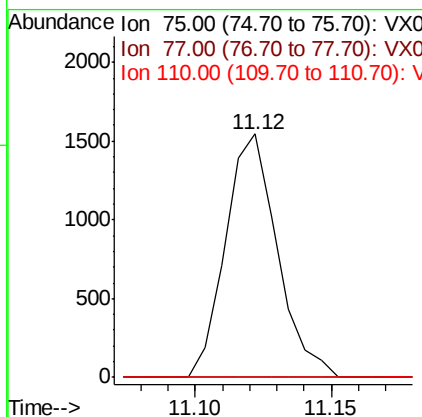
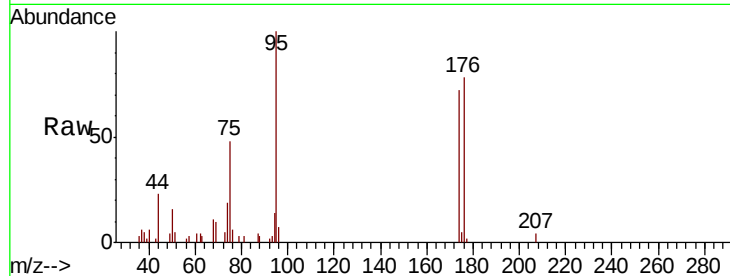




#61
 1,2,3-Trichloropropane
 Concen: 0.633 ug/L
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019226.D
 Acq: 03 Nov 2020 11:44

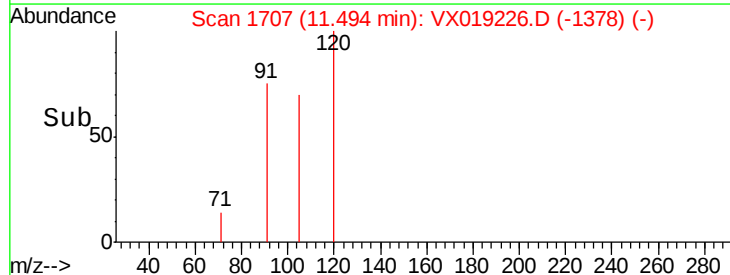
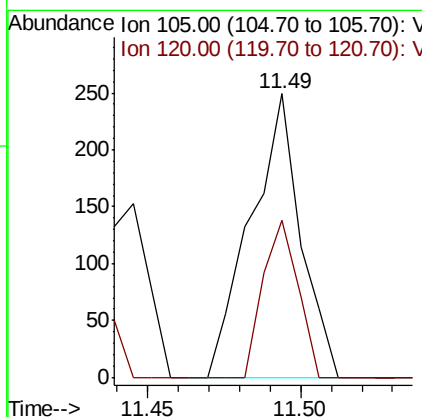
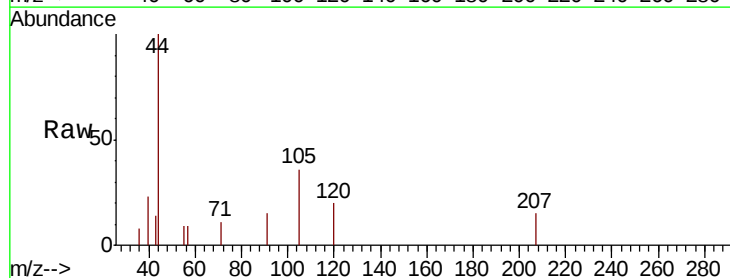
Instrument :
 MSVOA_X
 ClientSampleId :

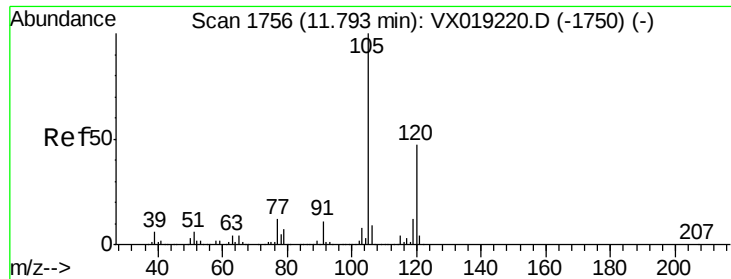
Tot Ion: 75 Resp: 2037
 Ion Ratio Lower Upper
 75 100
 77 1.8 25.4 38.0#
 110 0.0 32.2 48.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.027 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019226.D
 Acq: 03 Nov 2020 11:44

Tgt Ion: 105 Resp: 283
 Ion Ratio Lower Upper
 105 100
 120 38.9 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.117 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019226.D
 Acq: 03 Nov 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1164
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.0 54.0

