

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110520\
 Data File : VX019267.D
 Acq On : 04 Nov 2020 12:58
 Operator : JC/MD
 Sample : VX1105MBL07
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 13:27:34 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	6.82	114	393600	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	362295	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	174423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142691	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.22%
7) Chloroethane-d5	1.70	69	120343	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.34	63	194306	34.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	4.53	46	192448	111.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.32%
24) Chloroform-d	5.14	84	256699	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	6.03	65	181981	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	6.04	84	540166	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
36) 1,2-Dichloropropane-d6	7.37	67	166533	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	8.70	98	482125	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	8.99	79	81339	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.36%
47) 2-Hexanone-d5	9.43	63	151685	110.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	214368	54.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.44%
66) 1,2-Dichlorobenzene-d4	12.36	152	174270	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

Target Compounds

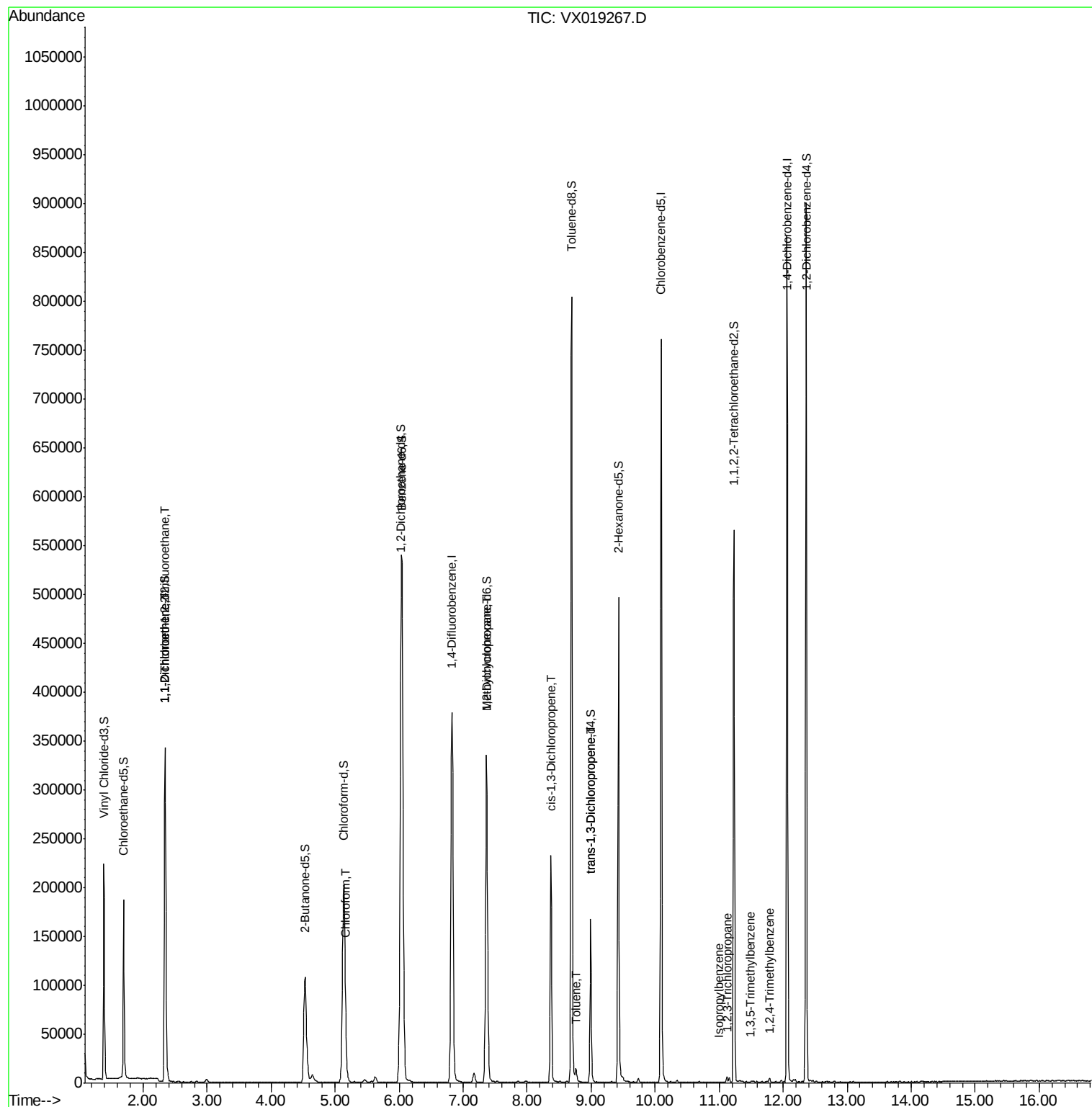
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1808	0.740	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	1508	0.636	ug/L #	1
25) Chloroform	5.17	83	12036	2.531	ug/L	91
35) Methylcyclohexane	7.37	83	41150	9.158	ug/L #	21
39) cis-1,3-Dichloropropene	8.37	75	5751	1.340	ug/L #	74
42) Toluene	8.76	91	7187	0.635	ug/L	96
44) trans-1,3-Dichloropropene	8.99	75	3995	0.955	ug/L #	79
60) Isopropylbenzene	11.00	105	59	0.005	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	955	0.321	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.49	105	177	0.018	ug/L	89
63) 1,2,4-Trimethylbenzene	11.79	105	984	0.107	ug/L	98

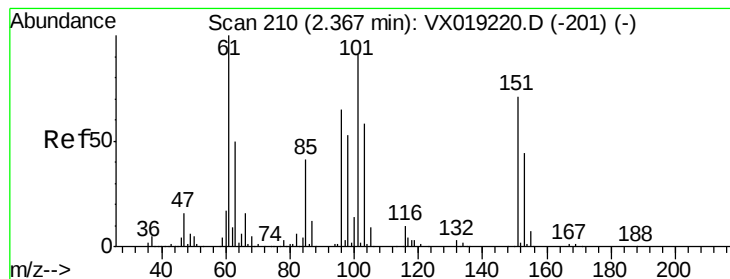
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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: 0.740 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019267.D

Acq: 04 Nov 2020 12:58

Instrument :

MSVOA_X

ClientSampled :

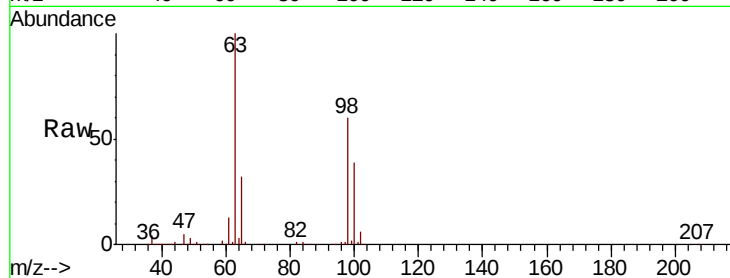
Tot Ion:101 Resp: 1808

Ion Ratio Lower Upper

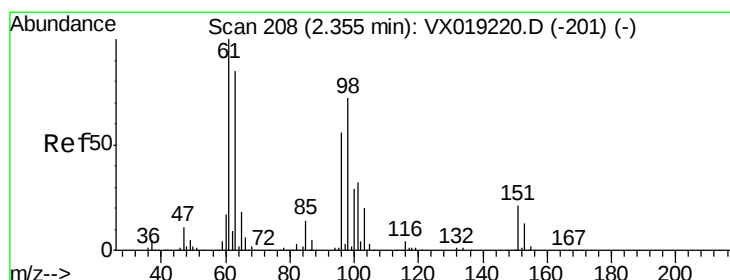
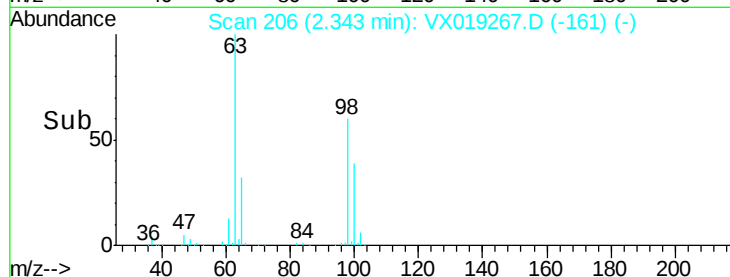
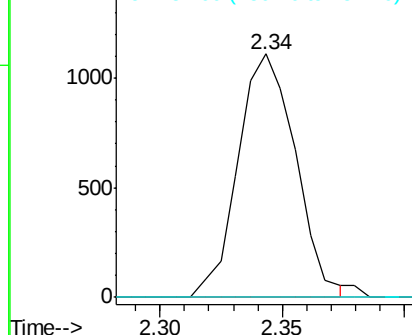
101 100

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: 0.636 ug/L

RT: 2.34 min Scan# 205

Delta R.T. -0.02 min

Lab File: VX019267.D

Acq: 04 Nov 2020 12:58

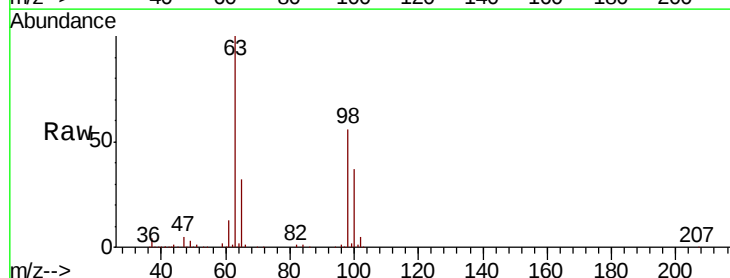
Tgt Ion: 96 Resp: 1508

Ion Ratio Lower Upper

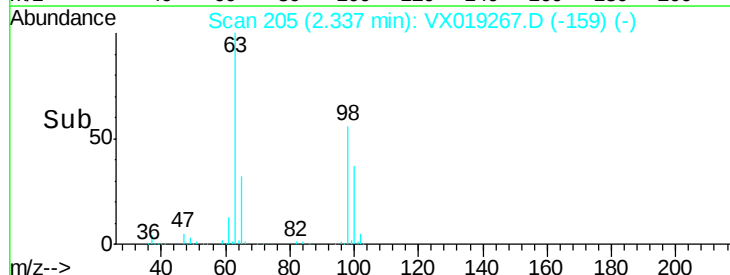
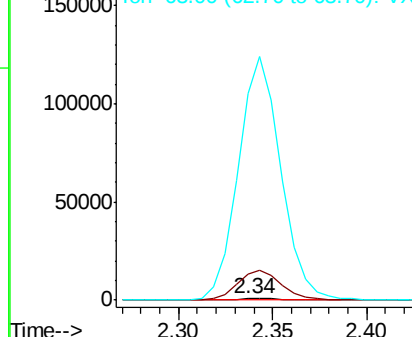
96 100

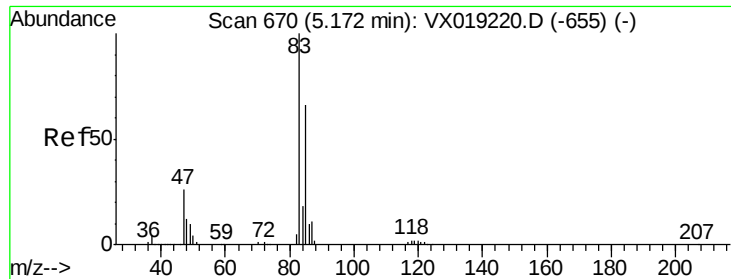
61 1672.2 115.1 213.8#

63 13060.4 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

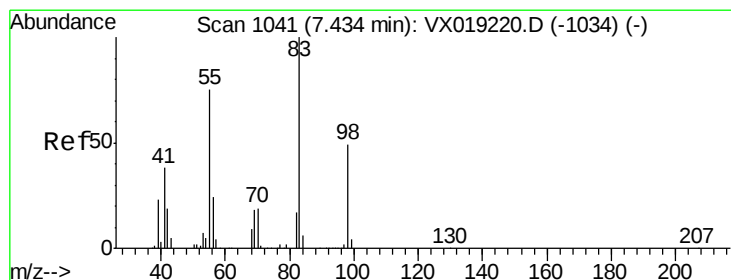
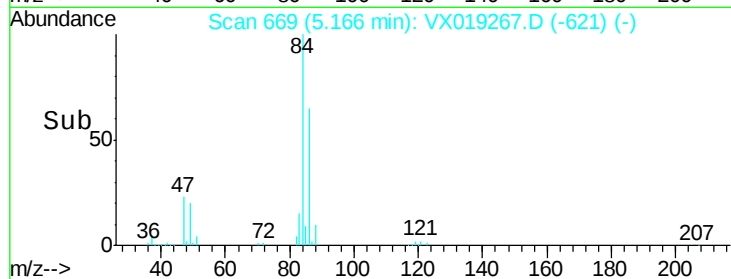
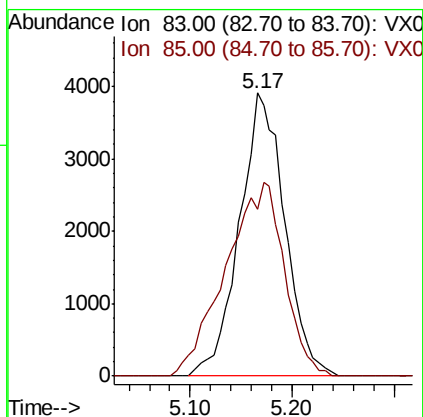
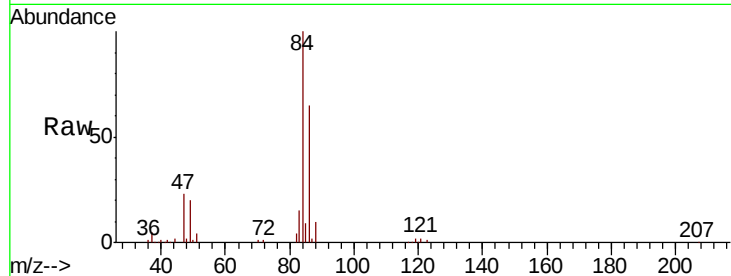




#25
Chloroform
Concen: 2.531 ug/L
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019267.D
Acq: 04 Nov 2020 12:58

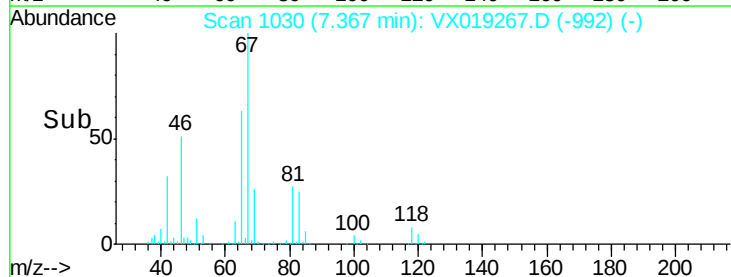
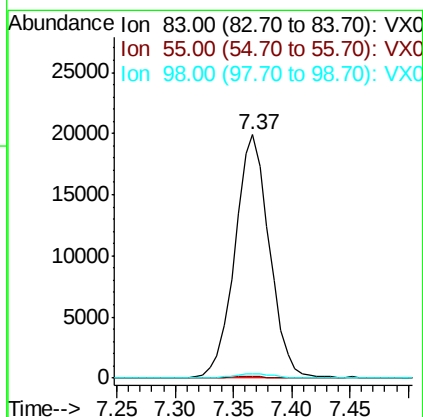
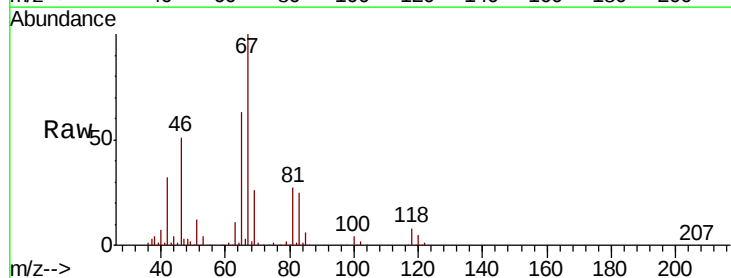
Instrument :
MSVOA_X
ClientSampleId :

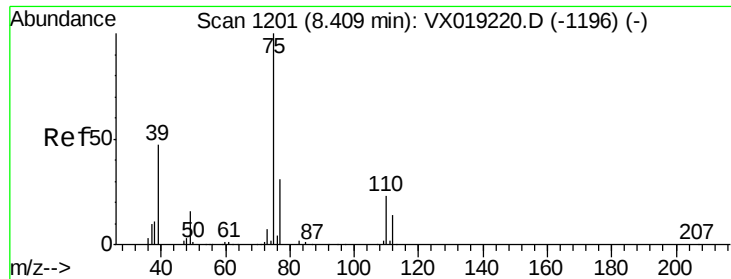
Tot Ion: 83 Resp: 12036
Ion Ratio Lower Upper
83 100
85 59.0 46.5 86.3



#35
Methylcyclohexane
Concen: 9.158 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX019267.D
Acq: 04 Nov 2020 12:58

Tgt Ion: 83 Resp: 41150
Ion Ratio Lower Upper
83 100
55 0.5 58.6 87.8#
98 1.9 39.0 58.6#

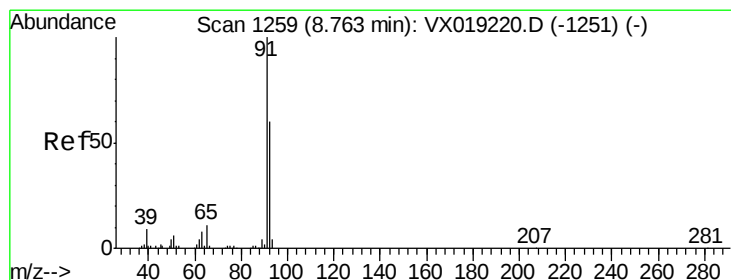
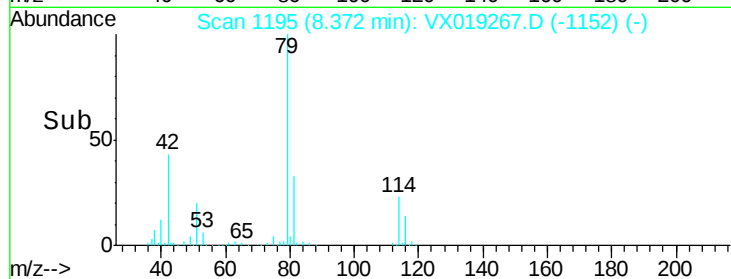
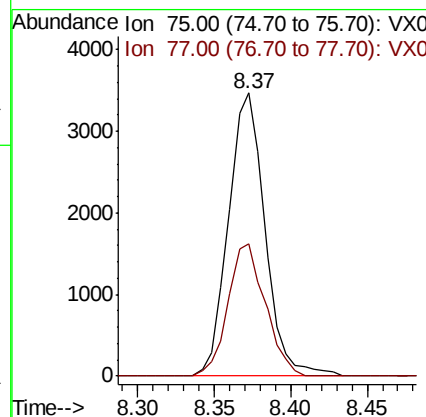
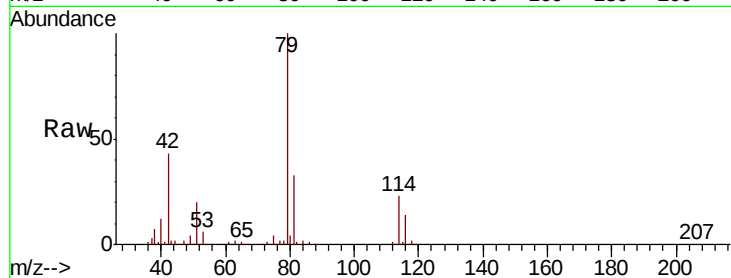




#39
 cis-1,3-Dichloropropene
 Concen: 1.340 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX019267.D
 Acq: 04 Nov 2020 12:58

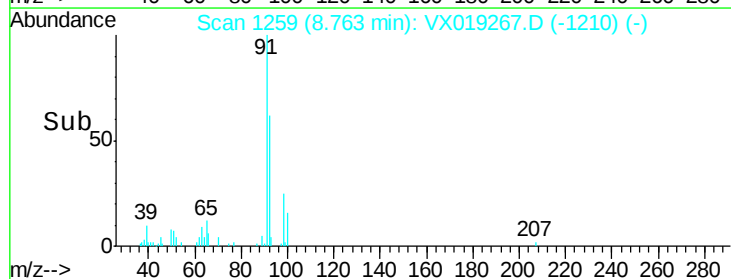
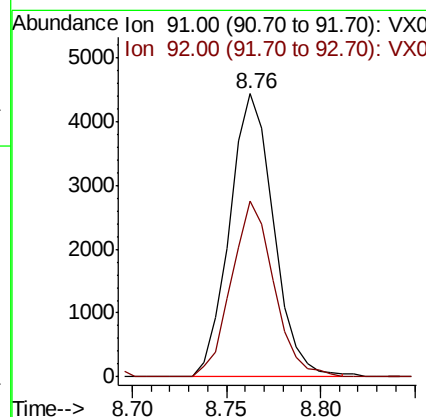
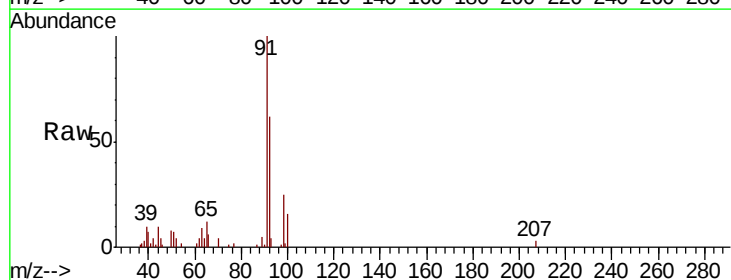
Instrument :
 MSVOA_X
 ClientSampleId :

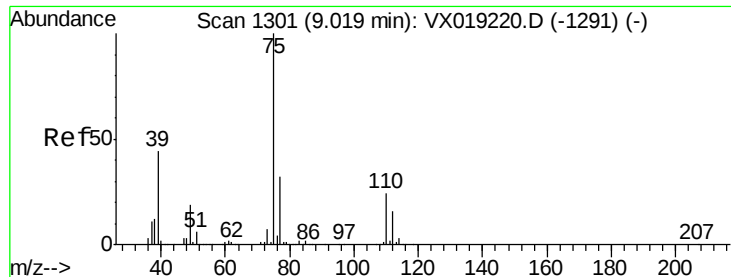
Tot Ion: 75 Resp: 5751
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.5 41.7#



#42
 Toluene
 Concen: 0.635 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019267.D
 Acq: 04 Nov 2020 12:58

Tgt Ion: 91 Resp: 7187
 Ion Ratio Lower Upper
 91 100
 92 62.2 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.955 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX019267.D

Acq: 04 Nov 2020 12:58

Instrument :

MSVOA_X

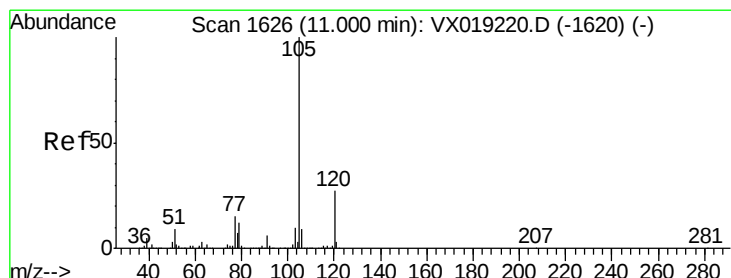
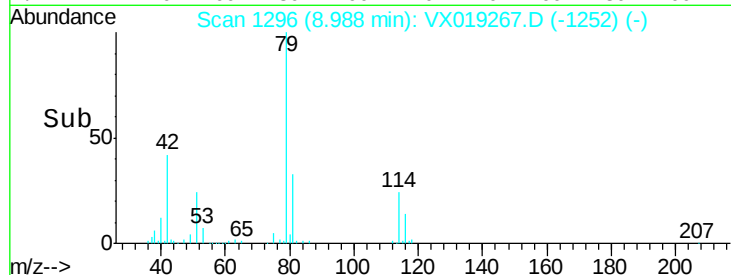
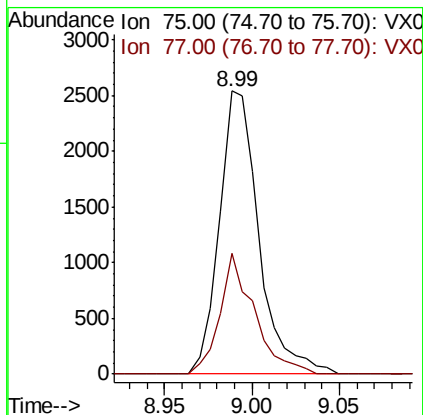
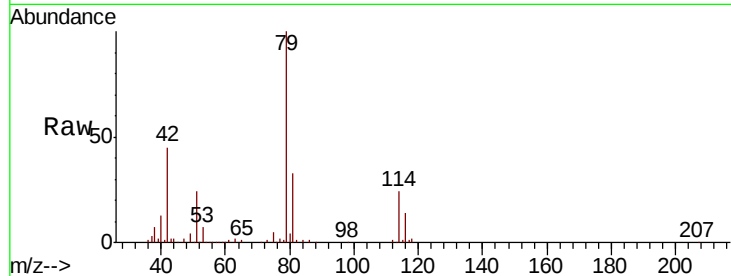
ClientSampleId :

Tot Ion: 75 Resp: 3995

Ion Ratio Lower Upper

75 100

77 42.6 21.8 40.6#



#60

Isopropylbenzene

Concen: 0.005 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019267.D

Acq: 04 Nov 2020 12:58

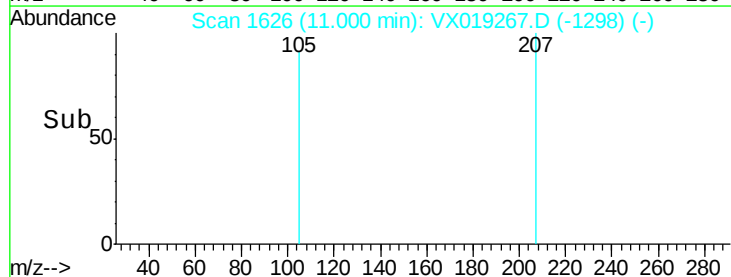
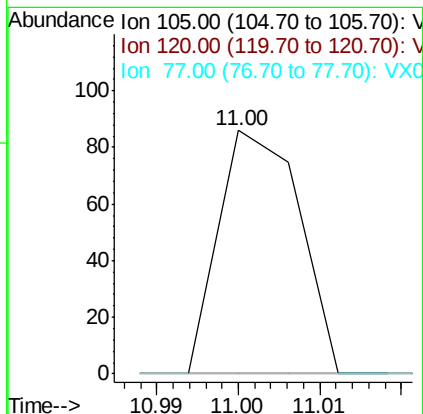
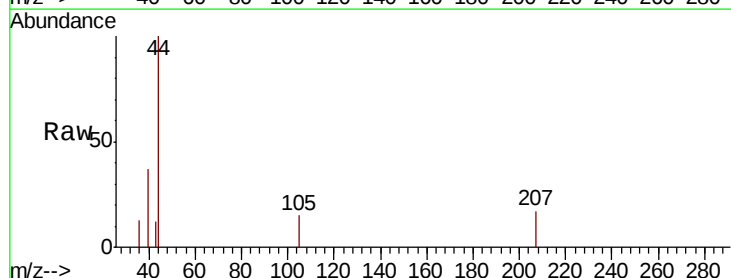
Tgt Ion: 105 Resp: 59

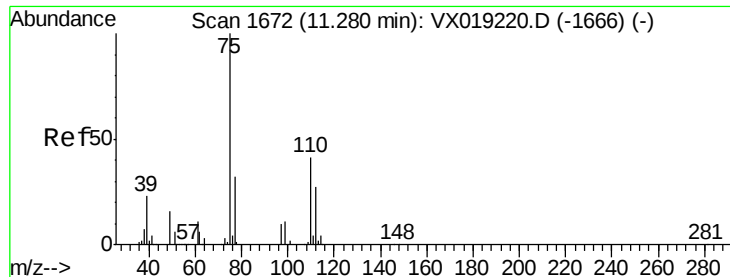
Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

77 0.0 12.6 19.0#

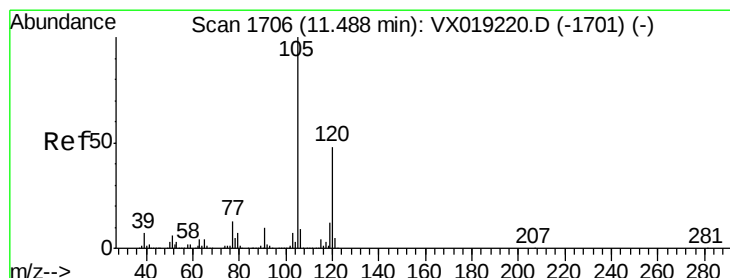
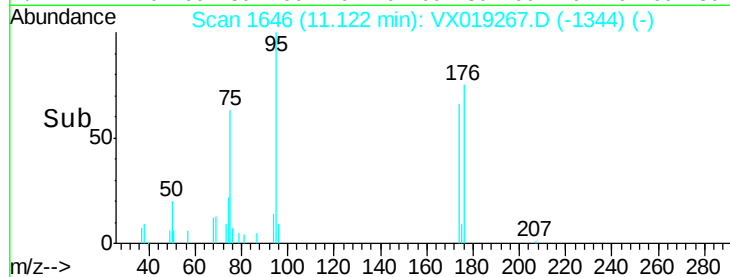
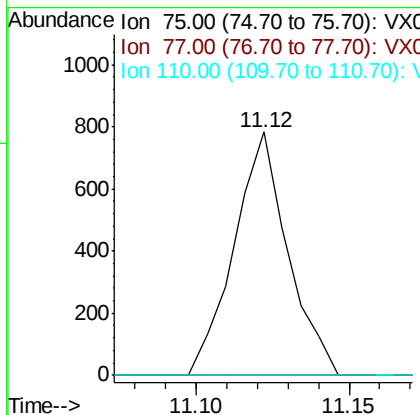
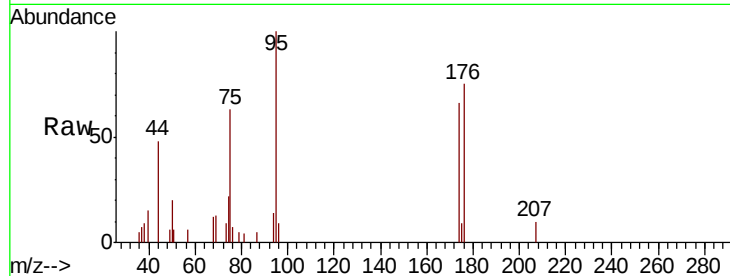




#61
 1,2,3-Trichloropropane
 Concen: 0.321 ug/L
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019267.D
 Acq: 04 Nov 2020 12:58

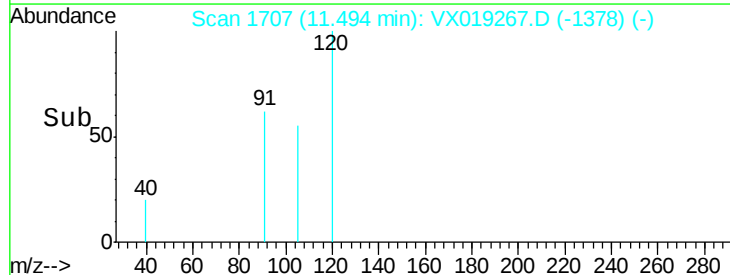
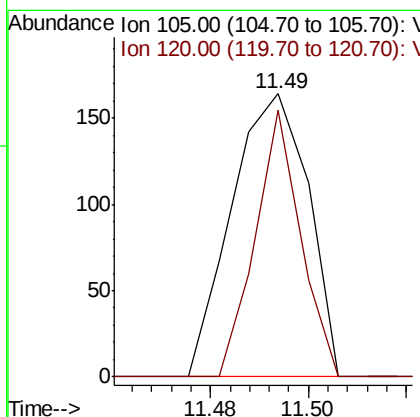
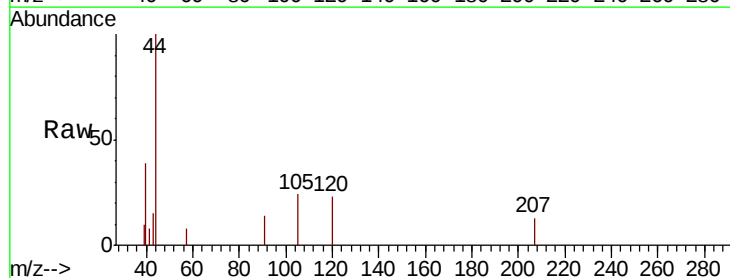
Instrument :
 MSVOA_X
 ClientSampled :

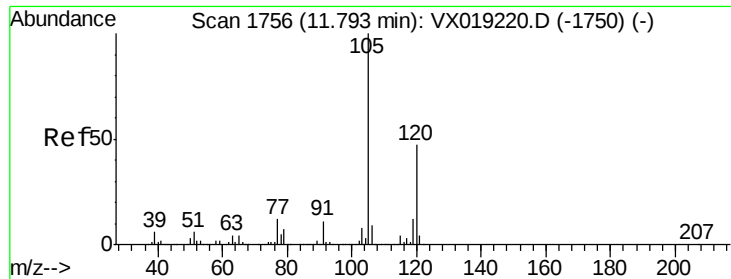
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
110	0.0	32.2	48.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.018 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019267.D
 Acq: 04 Nov 2020 12:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	55.9	38.8	58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.107 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019267.D
 Acq: 04 Nov 2020 12:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 984
 Ion Ratio Lower Upper
 105 100
 120 44.0 36.0 54.0

