

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110520\
 Data File : VX019265.D
 Acq On : 04 Nov 2020 11:42
 Operator : JC/MD
 Sample : VX1105WBL07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK415

Quant Time: Nov 05 15:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 15:29:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	426068	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	395305	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	182869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	157976	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.14%
7) Chloroethane-d5	1.70	69	130969	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.18%
11) 1,1-Dichloroethene-d2	2.34	63	213505	35.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.56%
21) 2-Butanone-d5	4.53	46	218089	116.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.54%
24) Chloroform-d	5.14	84	285731	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	6.03	65	196530	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	6.05	84	586715	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	7.37	67	180287	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	8.70	98	535038	42.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.90%
43) trans-1,3-Dichloropropene-	8.99	79	90041	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	9.43	63	173489	115.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.92%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	224003	52.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	183597	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

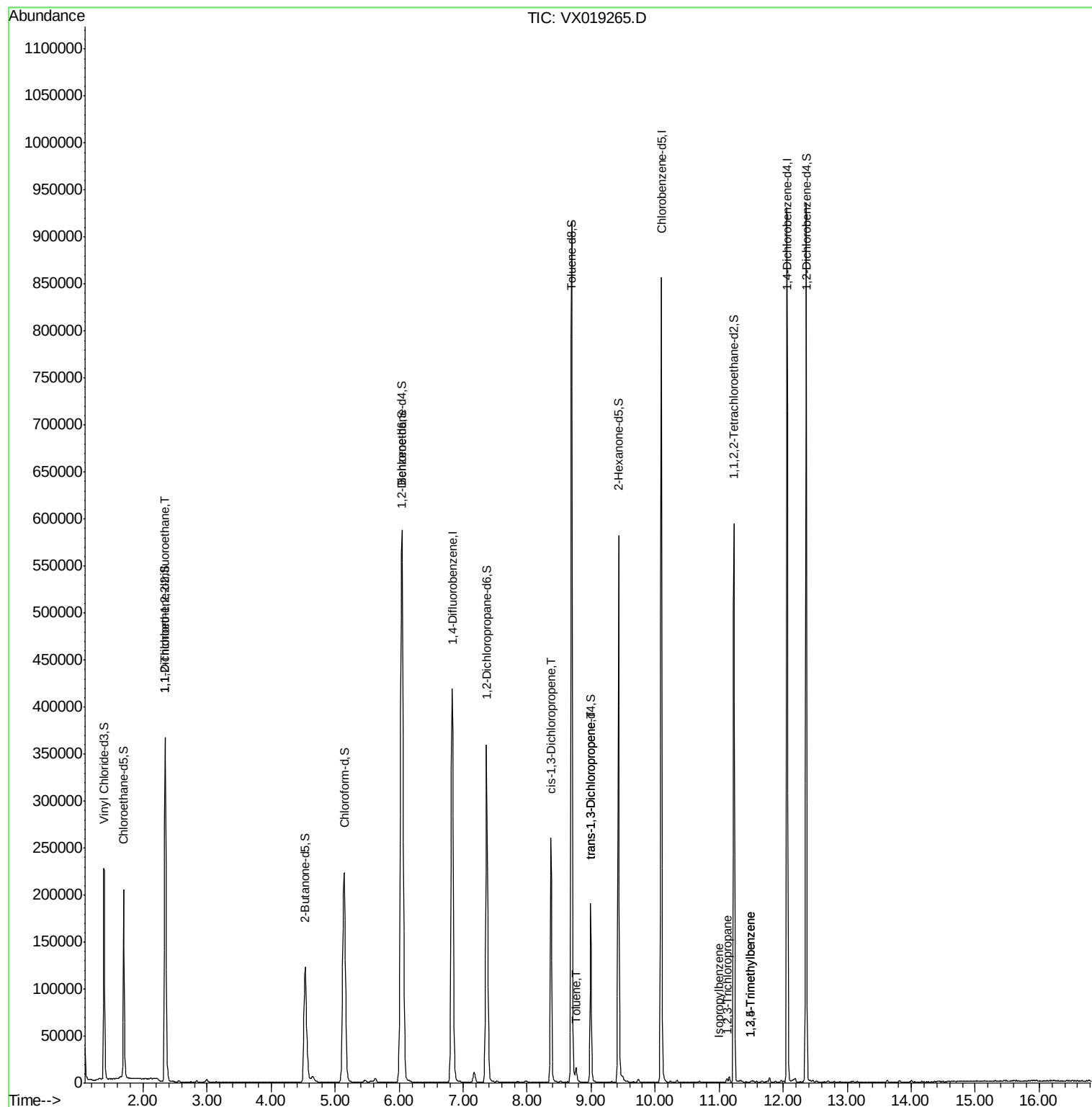
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2016	0.762	ug/L #	19
39) cis-1,3-Dichloropropene	8.37	75	6411	1.369	ug/L #	63
42) Toluene	8.77	91	8165	0.661	ug/L	94
44) trans-1,3-Dichloropropene	8.99	75	4314	0.945	ug/L	88
60) Isopropylbenzene	11.01	105	318	0.026	ug/L #	54
61) 1,2,3-Trichloropropane	11.12	75	725	0.233	ug/L #	46
62) 1,3,5-Trimethylbenzene	11.49	105	377	0.037	ug/L	87
63) 1,2,4-Trimethylbenzene	11.49	105	377	0.039	ug/L	92

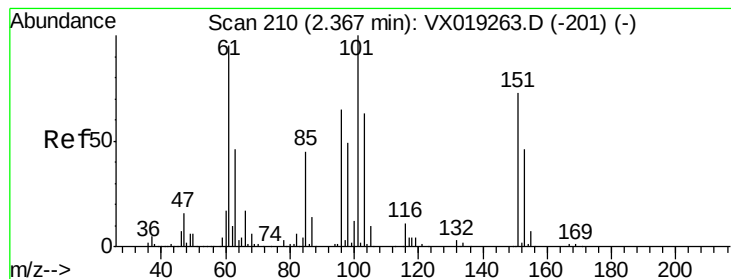
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 05 15:29:53 2020
Response via : Initial Calibration





#10

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

Concen: 0.762 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019265.D

Acq: 04 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VBLK415

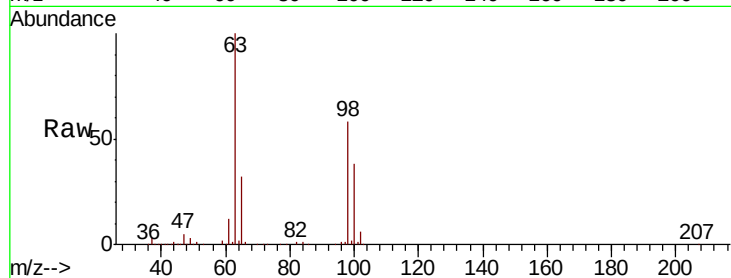
Tot Ion:101 Resp: 2016

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

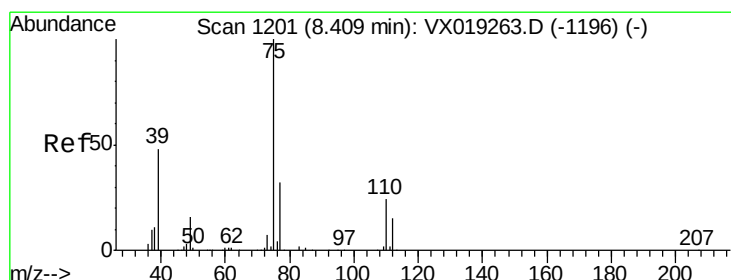
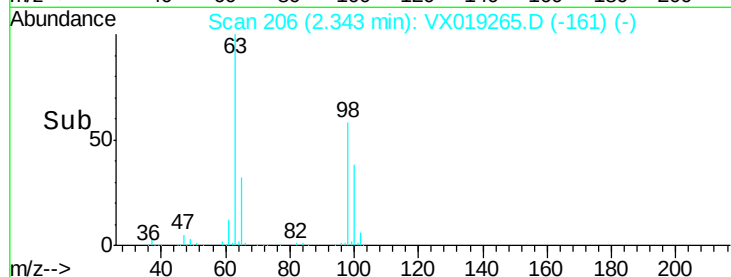
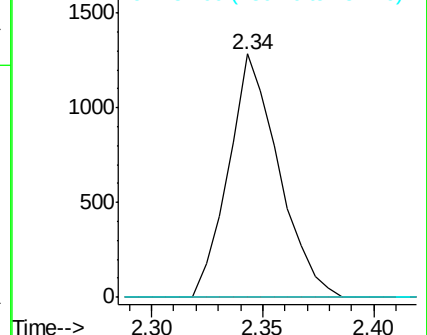
151 0.0 59.9 89.9#



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



#39

cis-1,3-Dichloropropene

Concen: 1.369 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

Lab File: VX019265.D

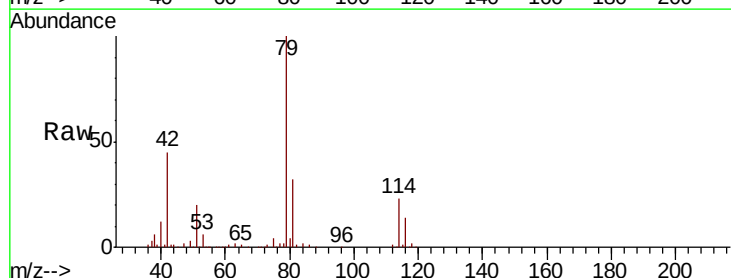
Acq: 04 Nov 2020 11:42

Tgt Ion: 75 Resp: 6411

Ion Ratio Lower Upper

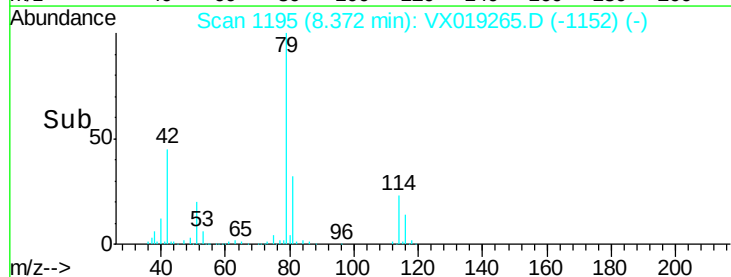
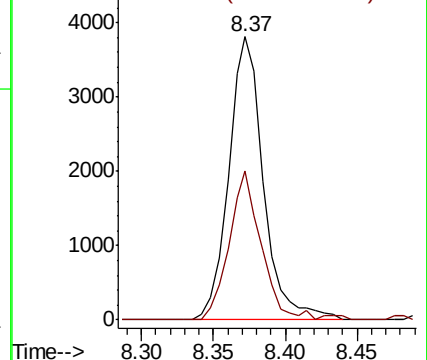
75 100

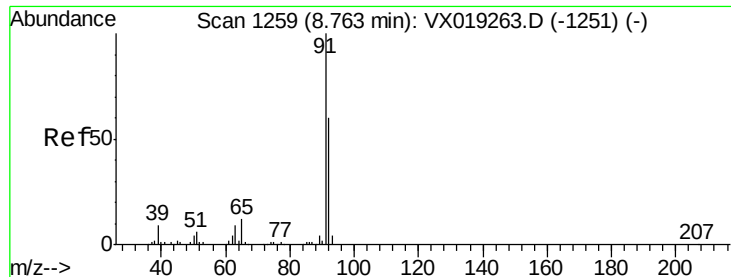
77 52.5 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

Toluene

Concen: 0.661 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019265.D

Acq: 04 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

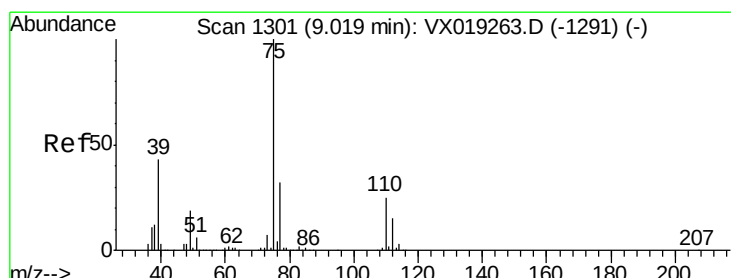
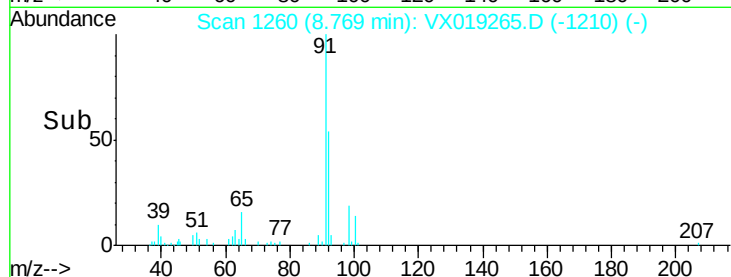
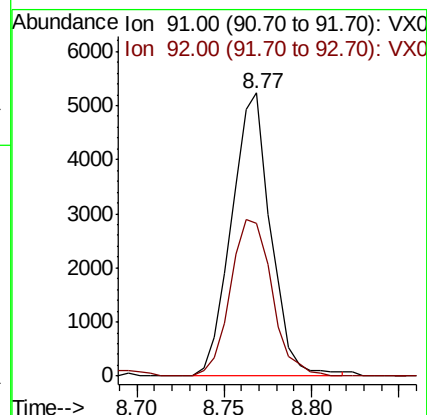
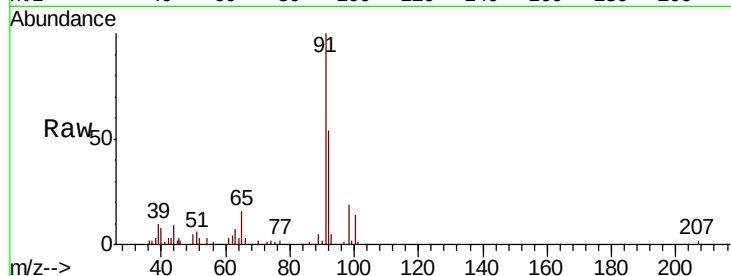
VBLK415

Tot Ion: 91 Resp: 8165

Ion Ratio Lower Upper

91 100

92 54.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019265.D

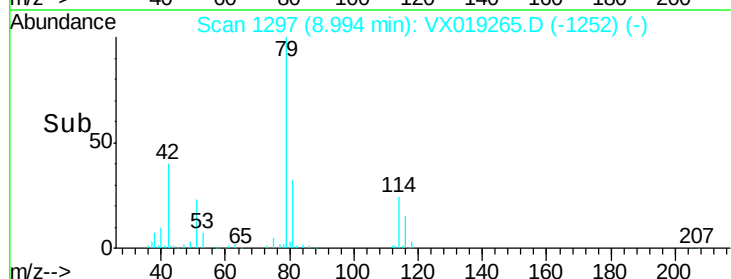
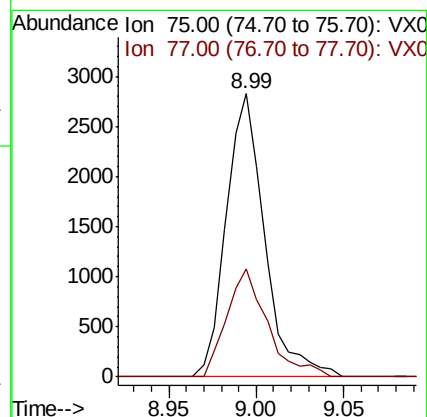
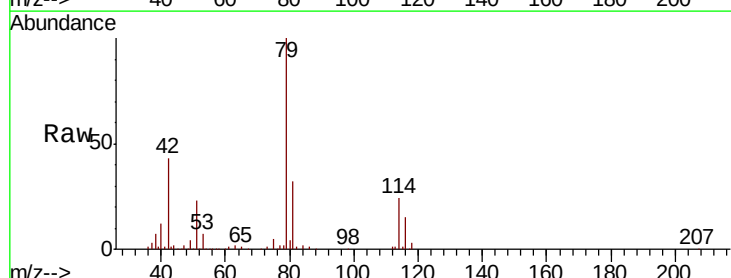
Acq: 04 Nov 2020 11:42

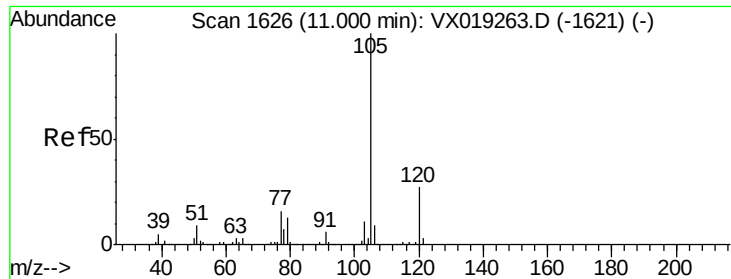
Tgt Ion: 75 Resp: 4314

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.6





#60

Isopropylbenzene

Concen: 0.026 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019265.D

Acq: 04 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

VBLK415

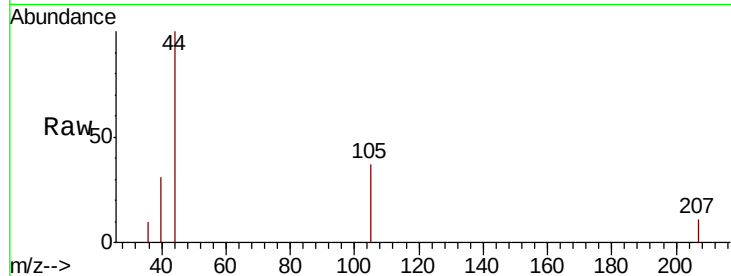
Tot Ion: 105 Resp: 318

Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

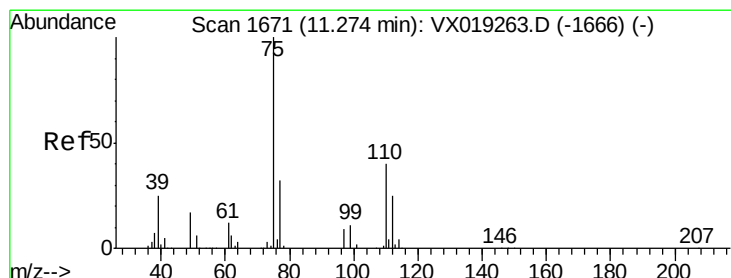
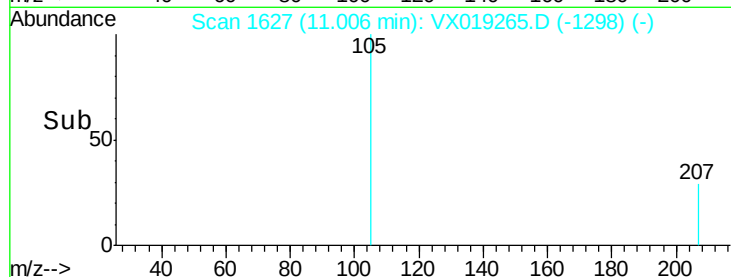
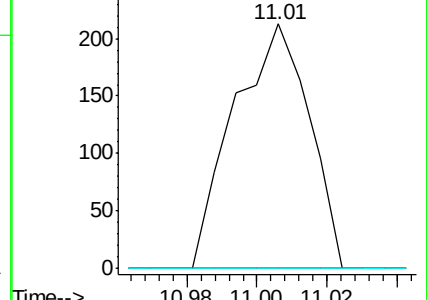
77 0.0 12.6 19.0#



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



#61

1,2,3-Trichloropropane

Concen: 0.233 ug/L

RT: 11.12 min Scan# 1645

Delta R.T. -0.16 min

Lab File: VX019265.D

Acq: 04 Nov 2020 11:42

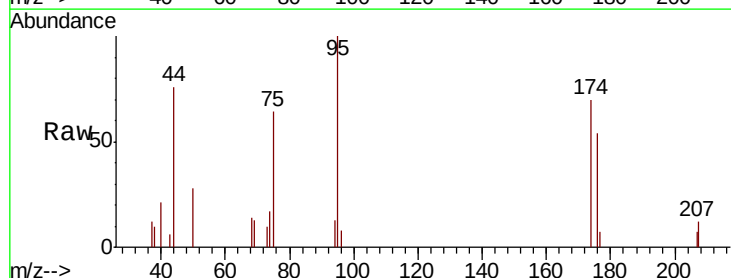
Tgt Ion: 75 Resp: 725

Ion Ratio Lower Upper

75 100

77 9.0 25.4 38.0#

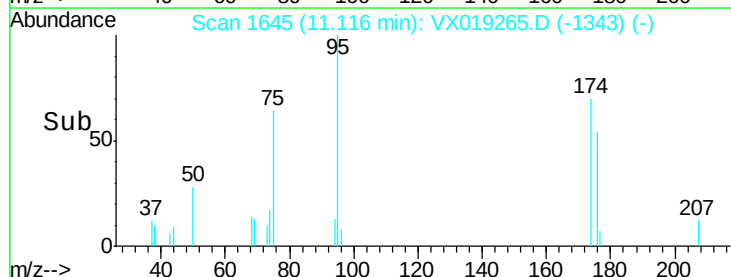
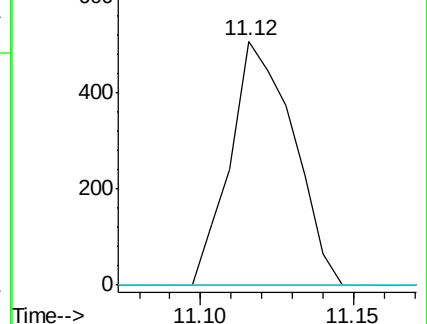
110 0.0 32.2 48.2#

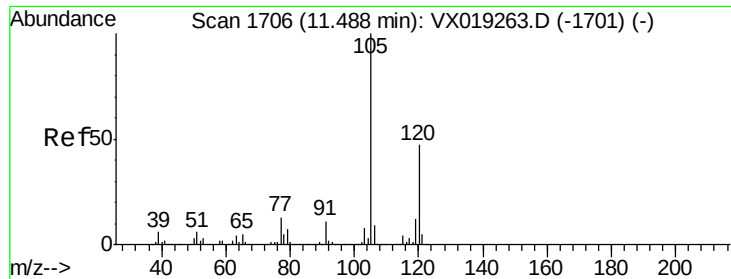


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.037 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019265.D

Acq: 04 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampled :

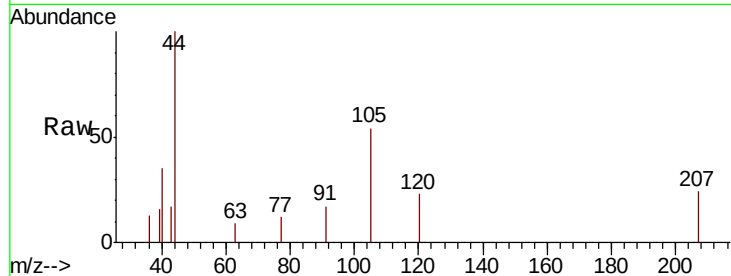
VBLK415

Tot Ion:105 Resp: 377

Ion Ratio Lower Upper

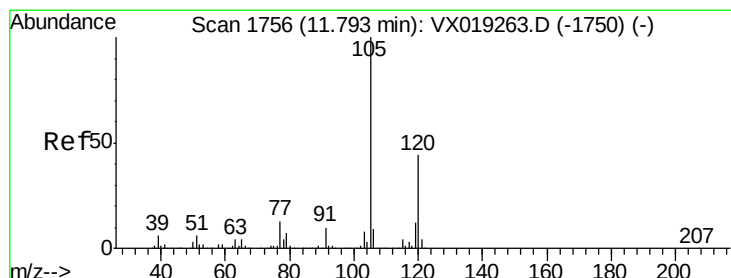
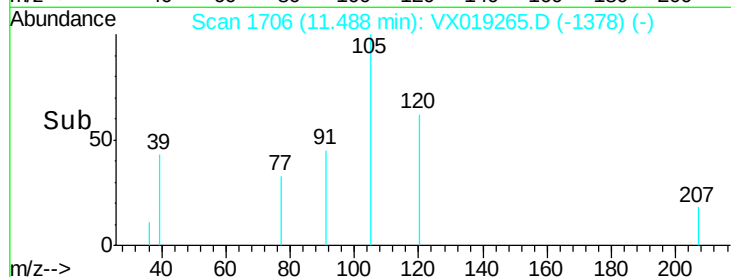
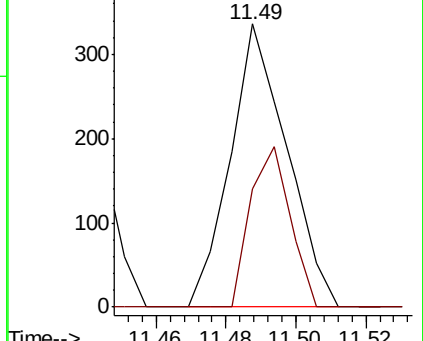
105 100

120 39.8 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: 0.039 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.30 min

Lab File: VX019265.D

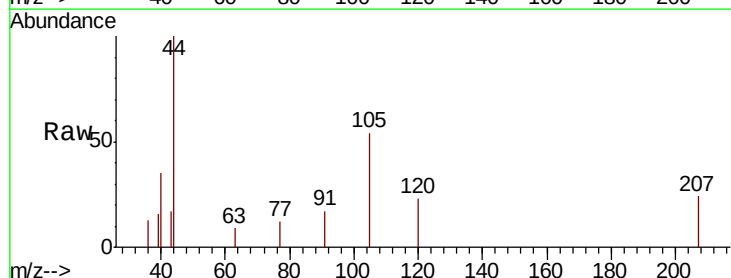
Acq: 04 Nov 2020 11:42

Tgt Ion:105 Resp: 377

Ion Ratio Lower Upper

105 100

120 39.8 36.0 54.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

