

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018536.D
 Acq On : 23 Sep 2020 12:28
 Operator : JC/SP
 Sample : VX0922WBL02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK302

Quant Time: Sep 24 00:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 24 00:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	260530	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	253588	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	116527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74797	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.70	69	62641	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.34	63	136455	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.57	46	192187	57.62	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	5.14	84	165376	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	6.04	65	92597	5.35	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	6.05	84	320320	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	7.37	67	98233	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	8.70	98	288700	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.99	79	40780	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	9.43	63	152368	55.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.54%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	68327	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
66) 1,2-Dichlorobenzene-d4	12.36	152	103733	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

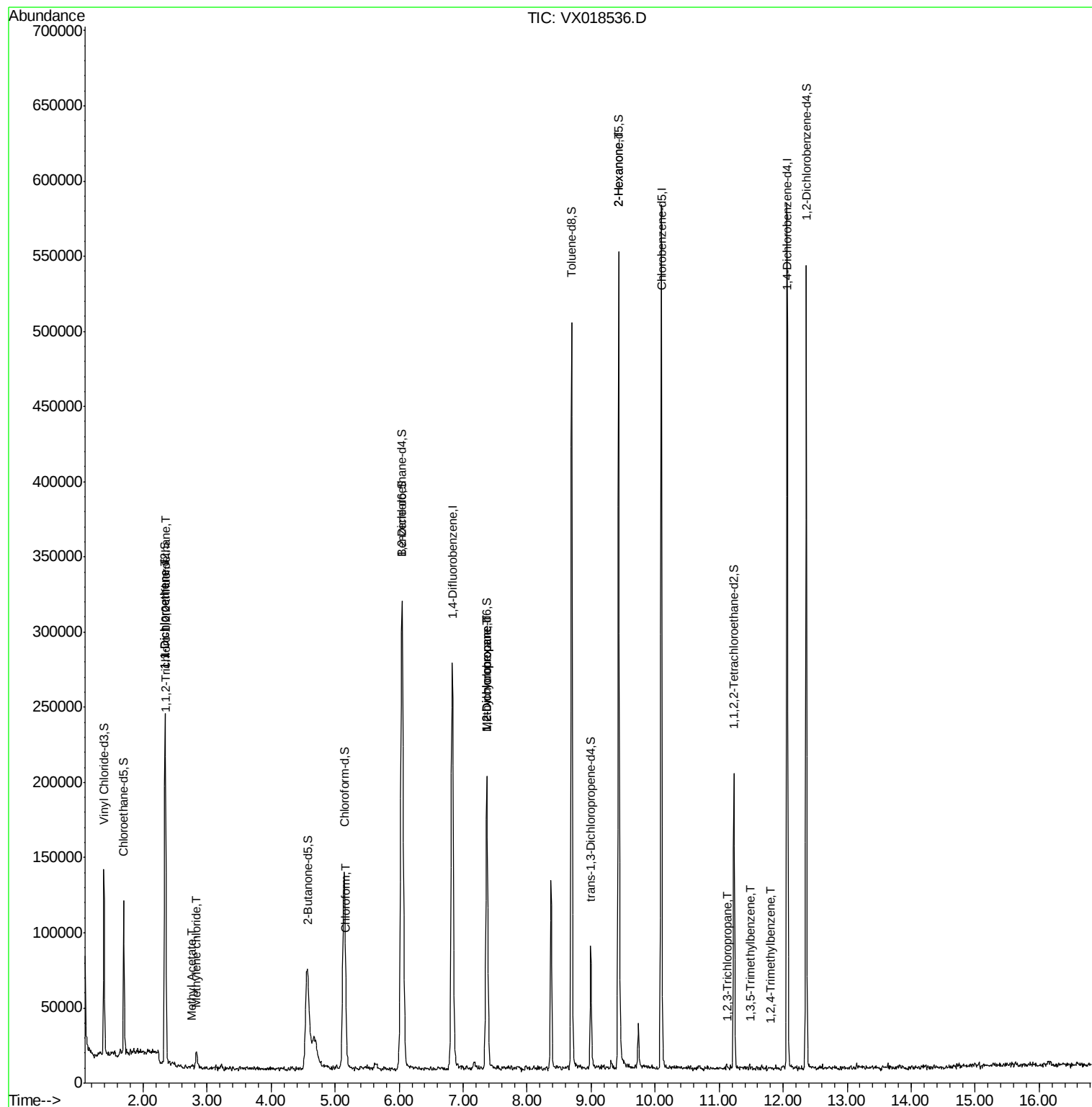
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	1338	0.105	ug/L #	29
12) 1,1-Dichloroethene	2.34	96	2051	0.174	ug/L #	1
15) Methyl Acetate	2.76	43	894	0.192	ug/L	93
16) Methylene chloride	2.84	84	5620	0.354	ug/L	85
25) Chloroform	5.17	83	3614	0.152	ug/L	79
35) Methylcyclohexane	7.37	83	25662	1.379	ug/L #	18
37) 1,2-Dichloropropane	7.37	63	12131	1.011	ug/L #	88
48) 2-Hexanone	9.43	43	19433	3.993	ug/L #	77
61) 1,2,3-Trichloropropane	11.13	75	490	0.069	ug/L #	57
62) 1,3,5-Trimethylbenzene	11.49	105	290	0.008	ug/L #	17
63) 1,2,4-Trimethylbenzene	11.79	105	676	0.017	ug/L #	31

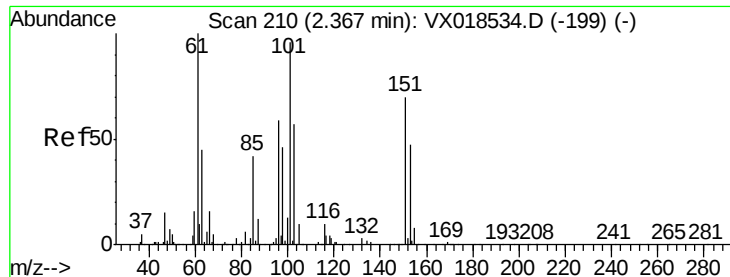
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.105 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018536.D

Acq: 23 Sep 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

VBLK302

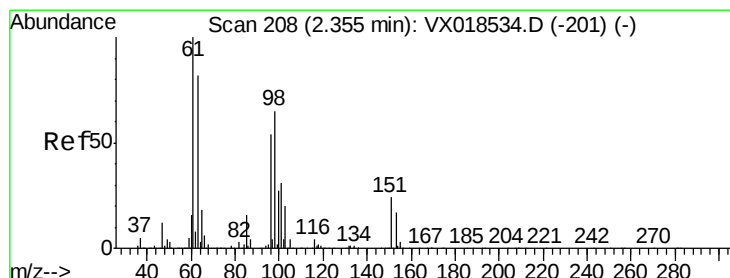
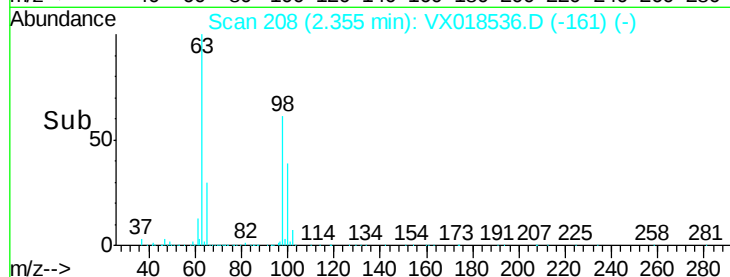
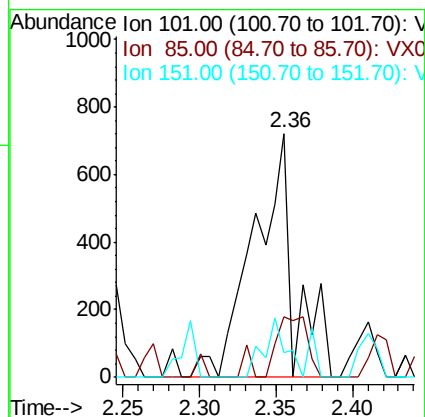
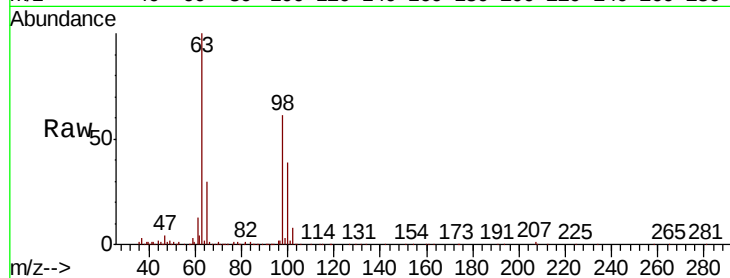
Tot Ion: 101 Resp: 1338

Ion Ratio Lower Upper

101 100

85 2.6 35.9 53.9#

151 13.1 62.4 93.6#



#12

1,1-Dichloroethene

Concen: 0.174 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018536.D

Acq: 23 Sep 2020 12:28

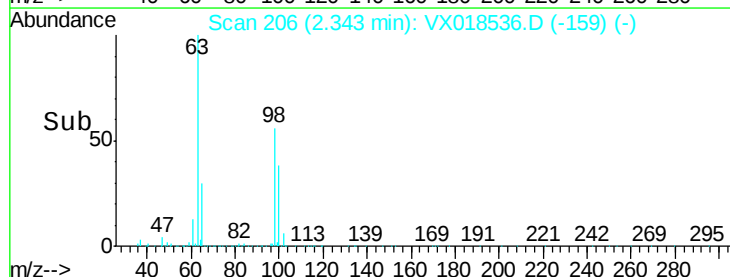
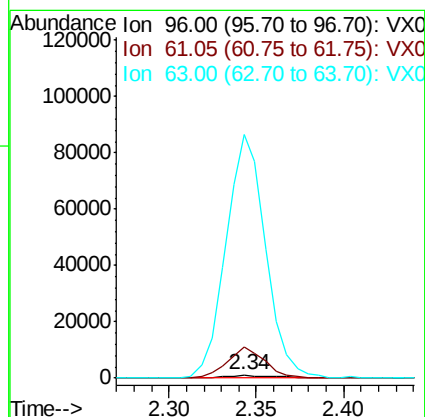
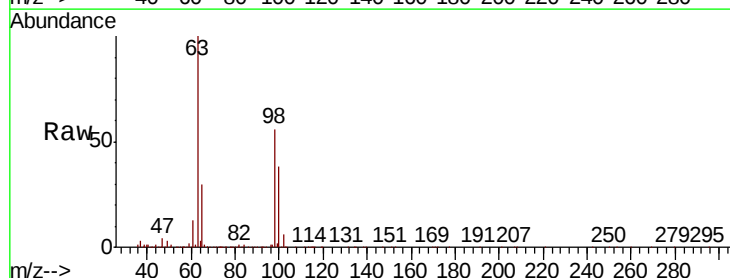
Tgt Ion: 96 Resp: 2051

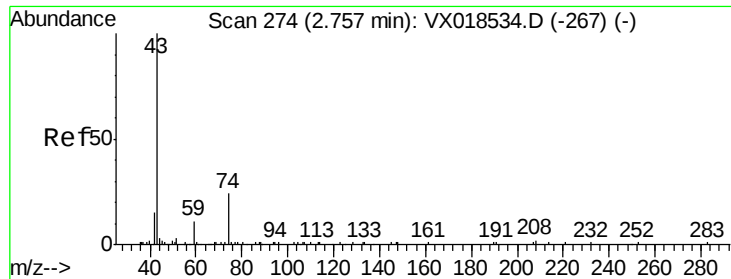
Ion Ratio Lower Upper

96 100

61 949.3 128.9 239.3#

63 7430.2 105.6 196.2#

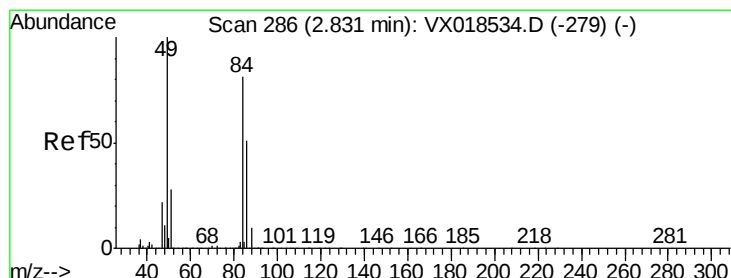
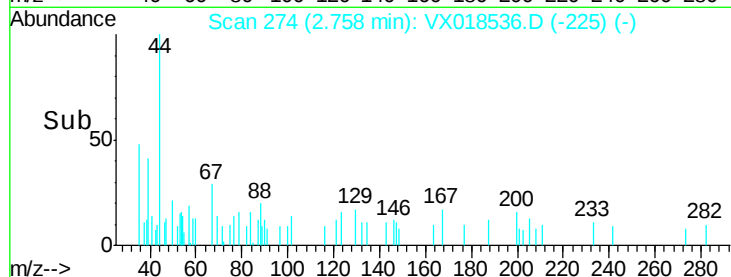
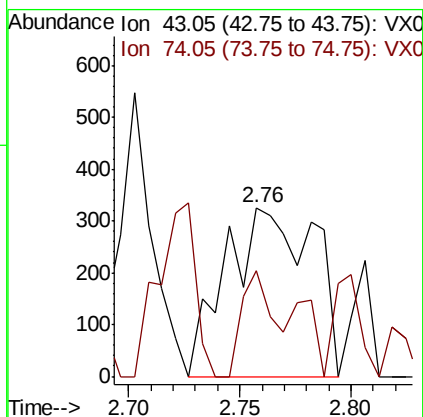
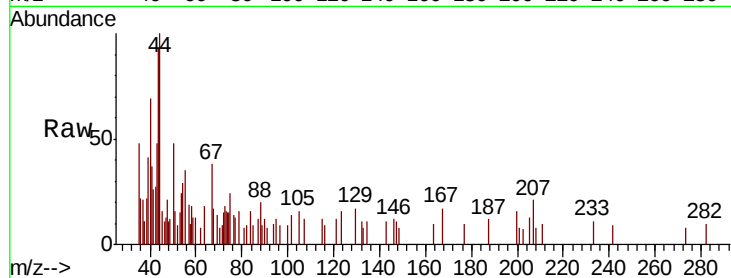




#15
Methyl Acetate
Concen: 0.192 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX018536.D
Acq: 23 Sep 2020 12:28

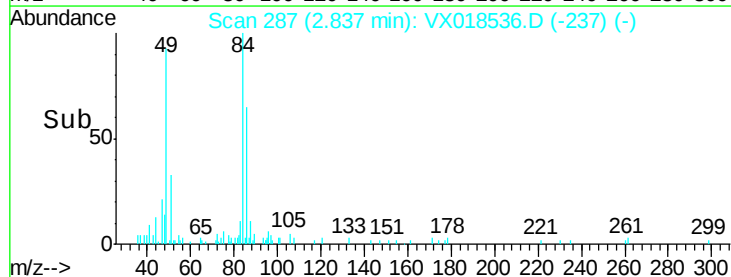
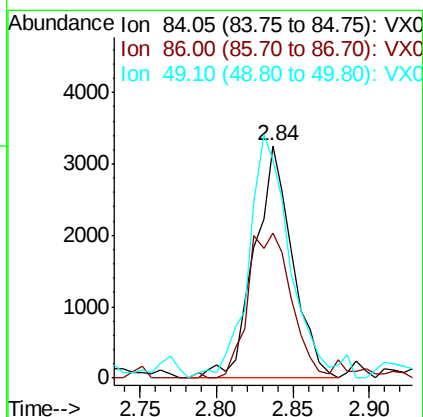
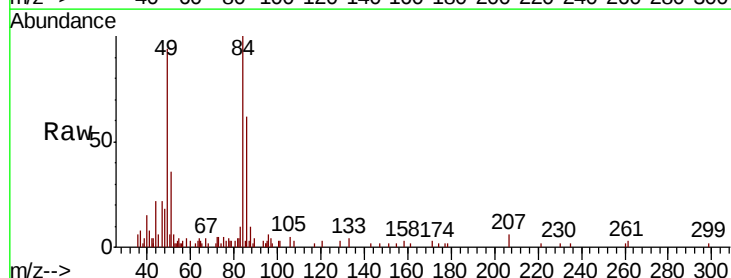
Instrument :
MSVOA_X
ClientSampled :
VBLK302

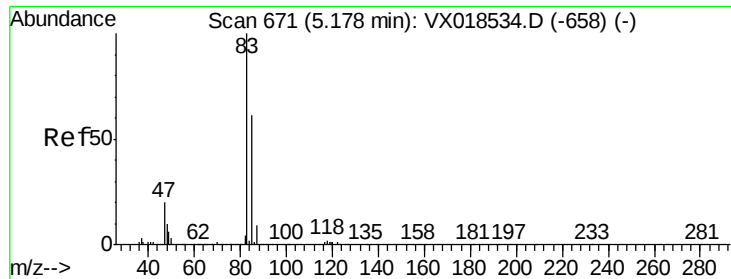
Tot Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
74 22.9 15.8 23.6



#16
Methylene chloride
Concen: 0.354 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018536.D
Acq: 23 Sep 2020 12:28

Tgt Ion: 84 Resp: 5620
Ion Ratio Lower Upper
84 100
86 62.4 39.8 74.0
49 93.9 79.5 147.6

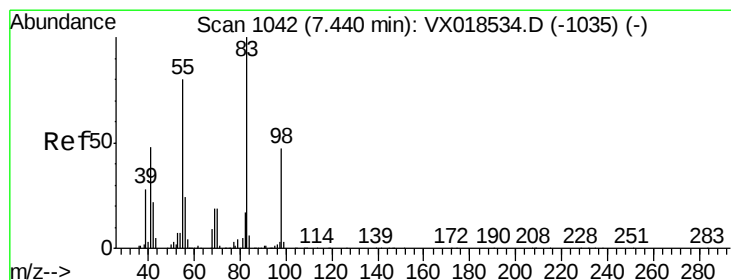
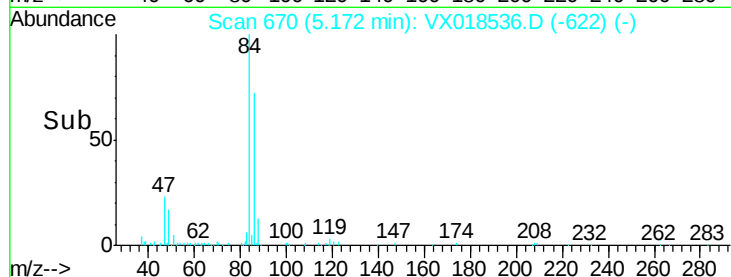
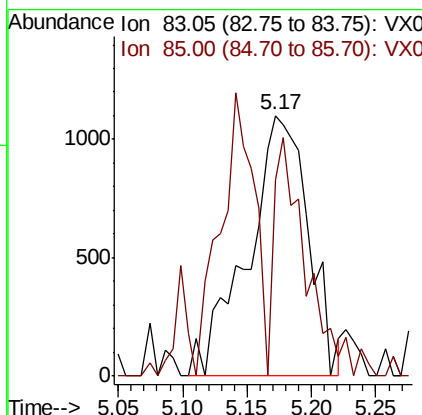
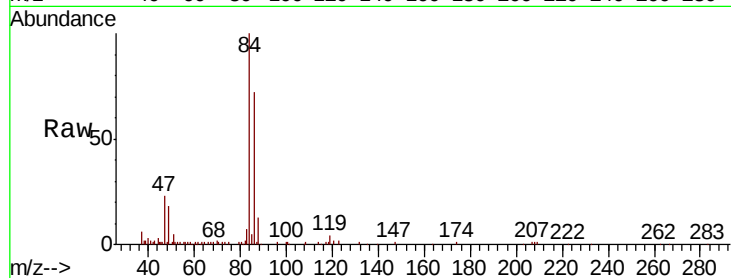




#25
Chloroform
Concen: 0.152 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018536.D
Acq: 23 Sep 2020 12:28

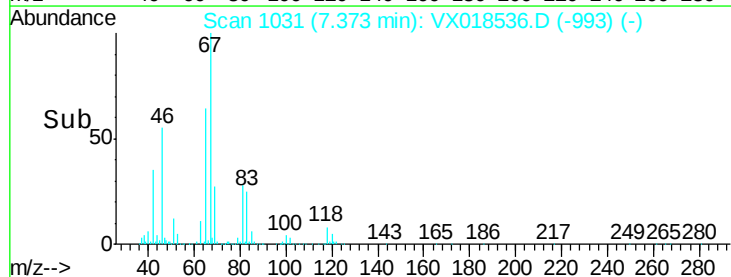
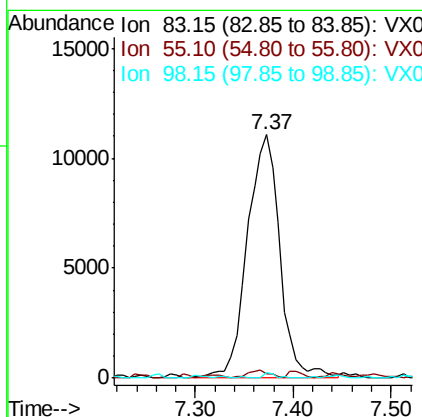
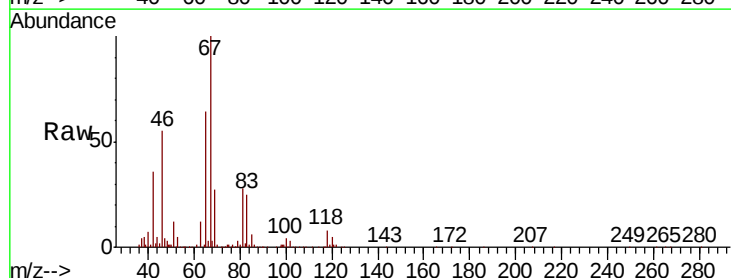
Instrument :
MSVOA_X
ClientSampleId :
VBLK302

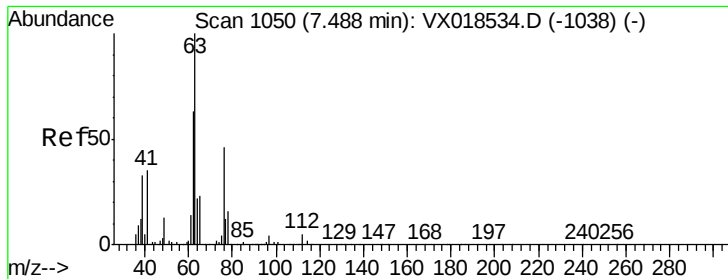
Tot Ion: 83 Resp: 3614
Ion Ratio Lower Upper
83 100
85 75.3 41.6 77.3



#35
Methylcyclohexane
Concen: 1.379 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018536.D
Acq: 23 Sep 2020 12:28

Tgt Ion: 83 Resp: 25662
Ion Ratio Lower Upper
83 100
55 2.2 65.7 98.5#
98 0.7 37.8 56.8#

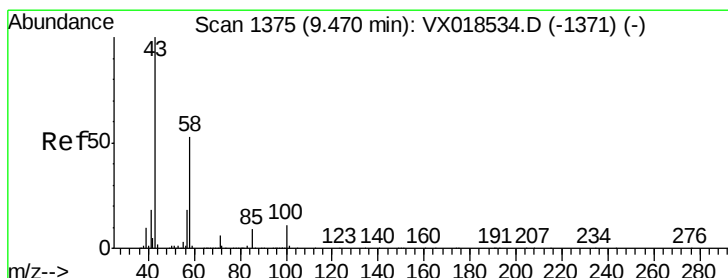
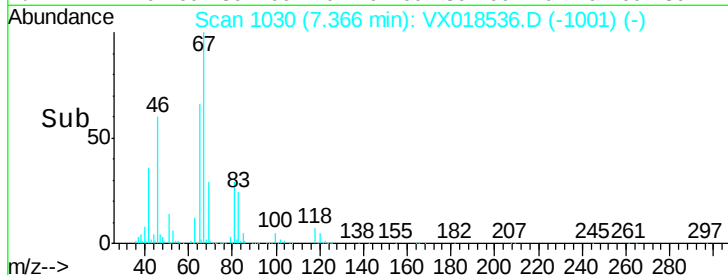
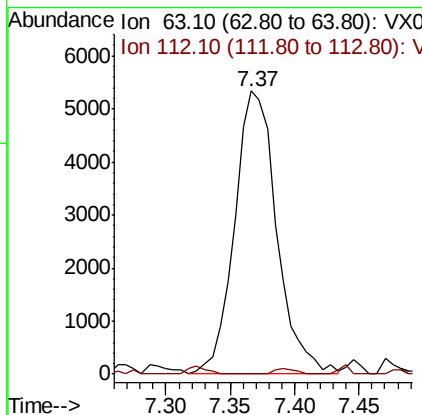
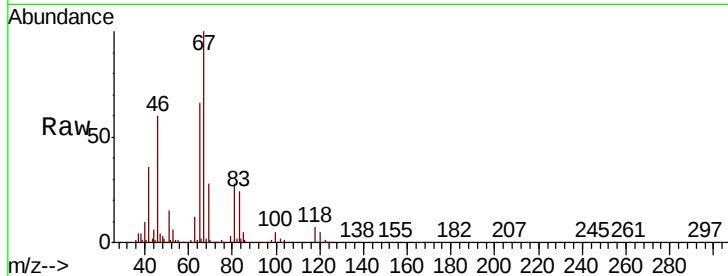




#37
 1,2-Dichloropropane
 Concen: 1.011 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX018536.D
 Acq: 23 Sep 2020 12:28

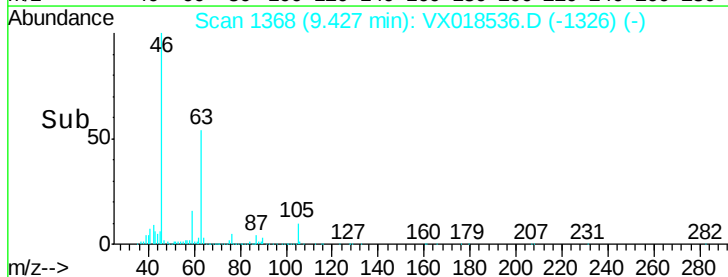
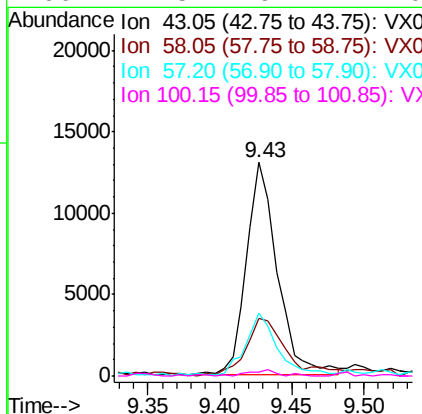
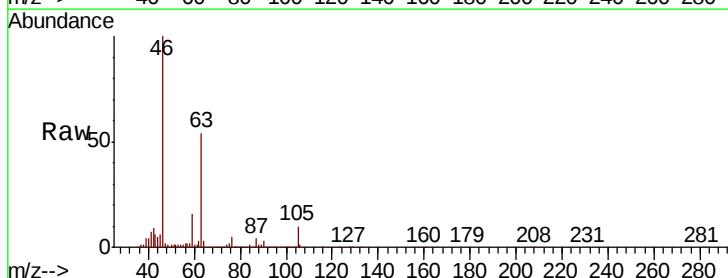
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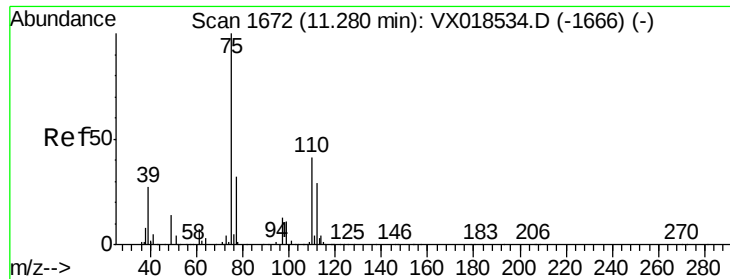
Tot Ion: 63 Resp: 12131
 Ion Ratio Lower Upper
 63 100
 112 1.0 4.1 6.1#



#48
 2-Hexanone
 Concen: 3.993 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX018536.D
 Acq: 23 Sep 2020 12:28

Tgt Ion: 43 Resp: 19433
 Ion Ratio Lower Upper
 43 100
 58 35.8 41.5 62.3#
 57 29.4 15.4 23.0#
 100 2.5 9.4 14.0#

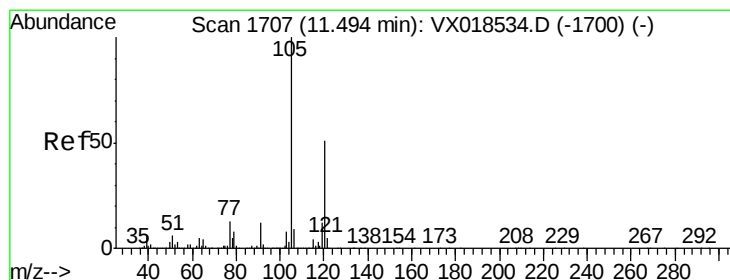
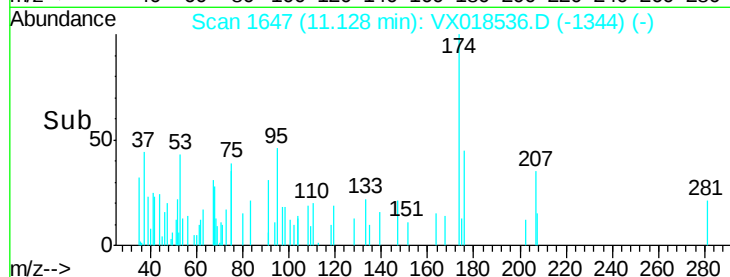
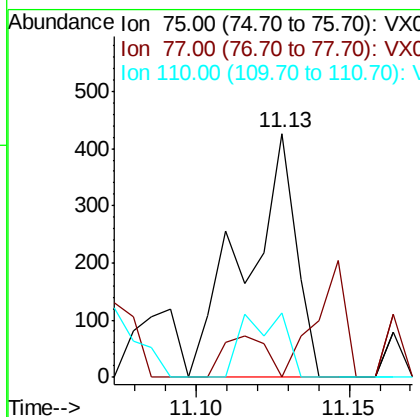
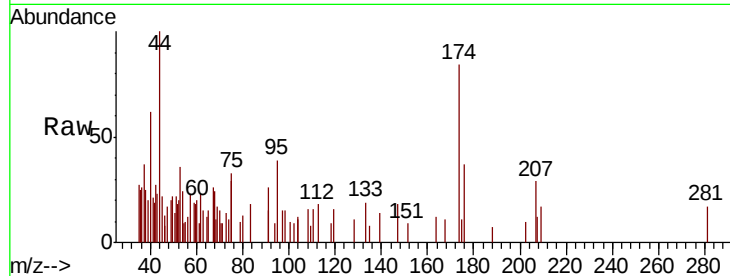




#61
 1,2,3-Trichloropropane
 Concen: 0.069 ug/L
 RT: 11.13 min Scan# 1647
 Delta R.T. -0.15 min
 Lab File: VX018536.D
 Acq: 23 Sep 2020 12:28

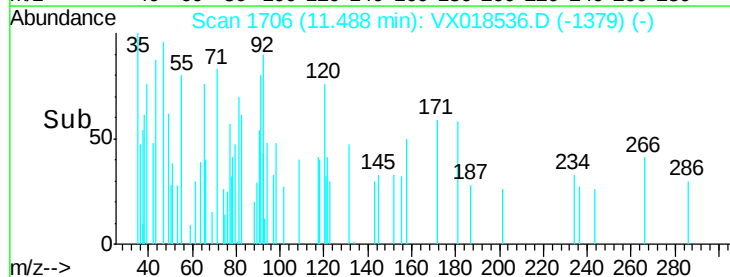
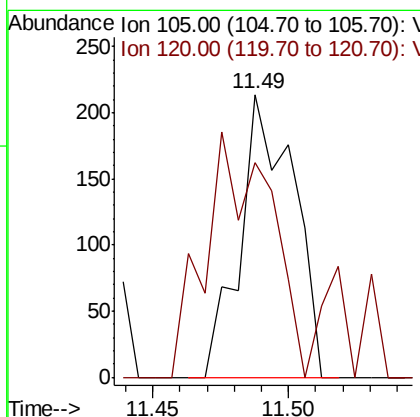
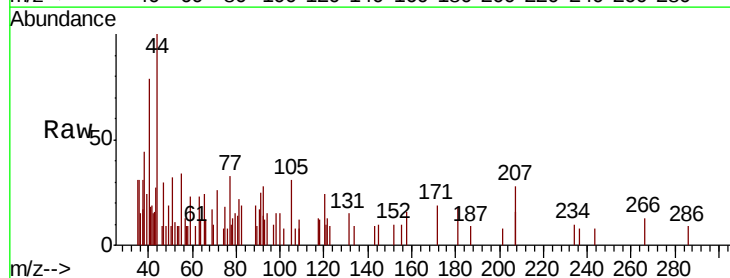
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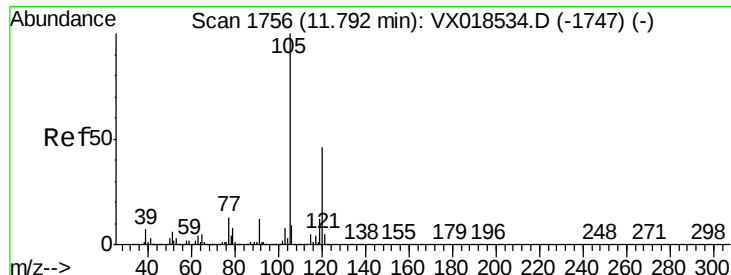
Tot Ion: 75 Resp: 490
 Ion Ratio Lower Upper
 75 100
 77 0.0 27.1 40.7#
 110 22.0 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.008 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018536.D
 Acq: 23 Sep 2020 12:28

Tgt Ion:105 Resp: 290
 Ion Ratio Lower Upper
 105 100
 120 105.9 39.3 58.9#





#63

1,2,4-Trimethylbenzene

Concen: 0.017 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018536.D

Acq: 23 Sep 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

VBLK302

Tot Ion:105 Resp: 676

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.2#

