

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018819.D
 Acq On : 07 Oct 2020 18:31
 Operator : JC/SP
 Sample : L4240-10DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8DL

Quant Time: Oct 08 02:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	136715	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	133814	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	65695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33003	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.70	69	34482	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.34	63	61526	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.54	46	150676	71.93	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.86%#
24) Chloroform-d	5.14	84	100818	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	6.03	65	59254	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	6.05	84	176244	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	7.37	67	55178	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	8.70	98	157312	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	8.99	79	24750	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	9.43	63	120522	69.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.06%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45712	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	69425	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

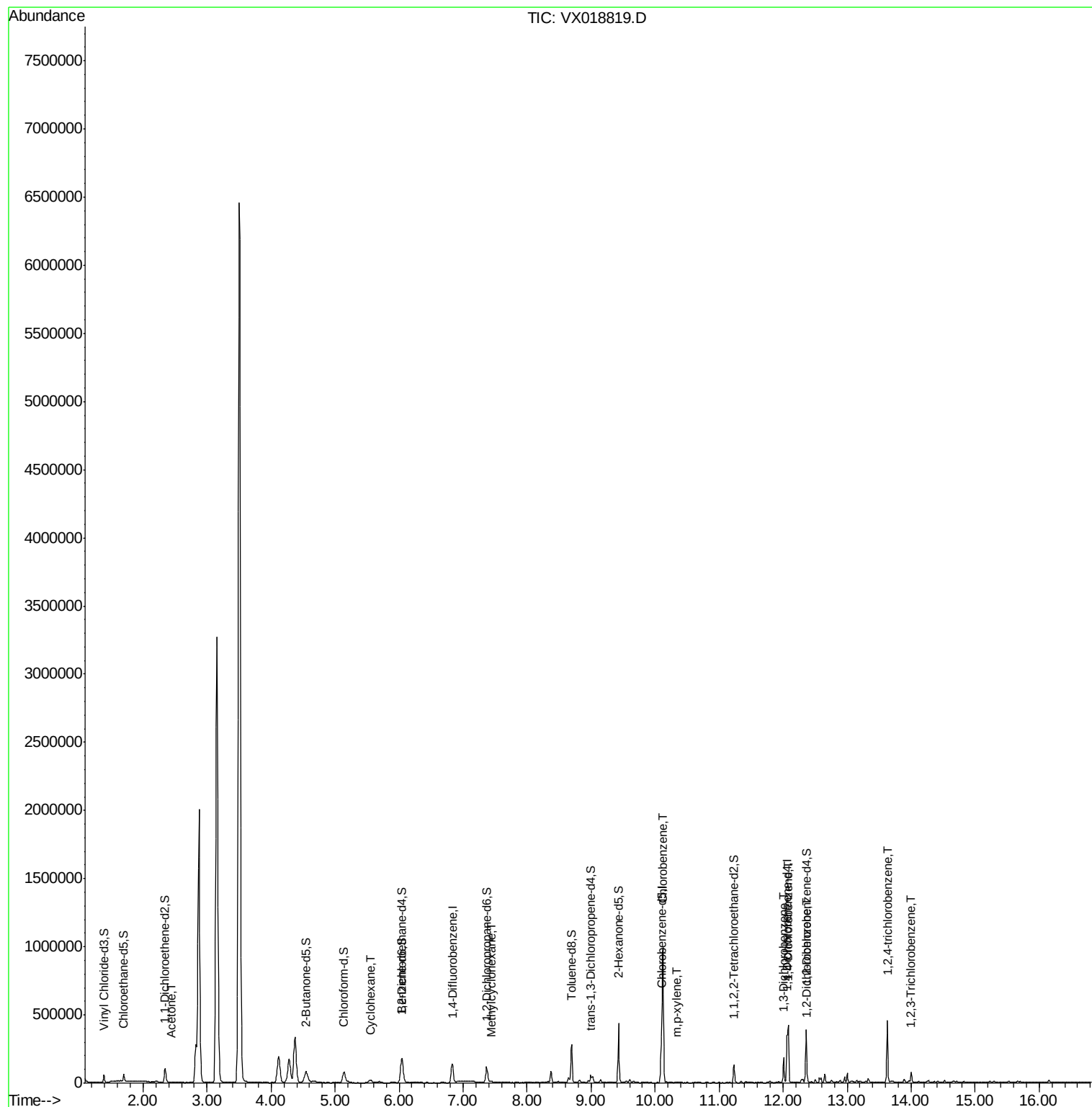
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.45	43	1273	1.113	ug/L	97
30) Cyclohexane	5.54	56	13029	1.187	ug/L	95
35) Methylcyclohexane	7.43	83	3638	0.310	ug/L #	85
53) Chlorobenzene	10.12	112	427243	20.370	ug/L	94
55) m,p-xylene	10.34	106	1393	0.104	ug/L	91
63) 1,3-Dichlorobenzene	12.01	146	56968	3.568	ug/L	93
64) 1,4-Dichlorobenzene	12.08	146	122476	7.691	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	8578	0.575	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	105086	10.299	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	16921	1.843	ug/L #	90

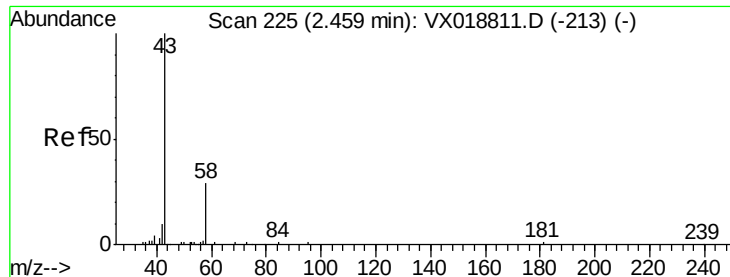
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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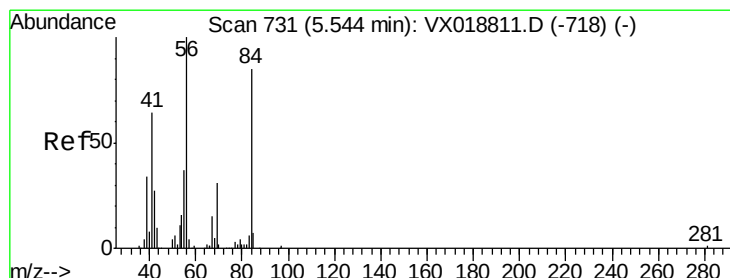
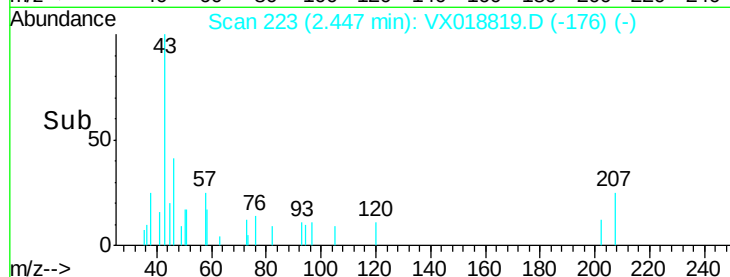
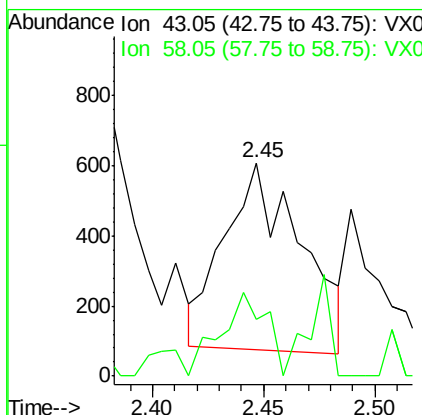
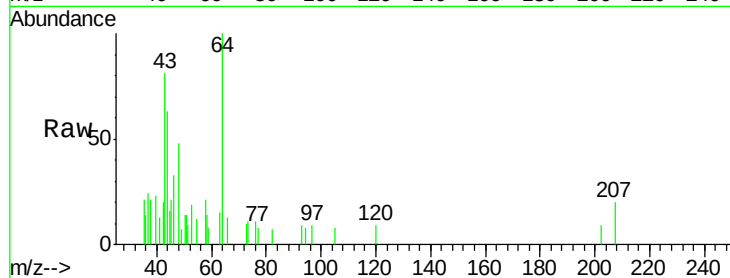




#13
Acetone
Concen: 1.113 ug/L
RT: 2.45 min Scan# 223
Delta R.T. -0.01 min
Lab File: VX018819.D
Acq: 07 Oct 2020 18:31

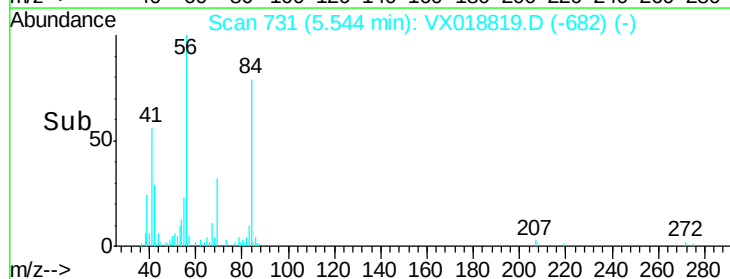
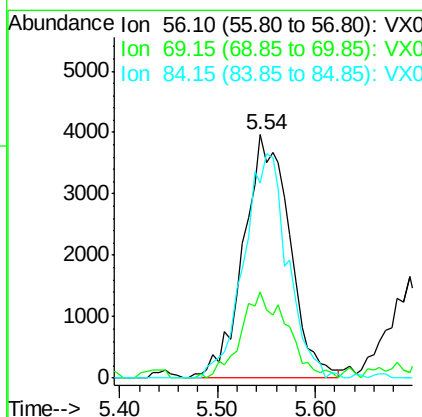
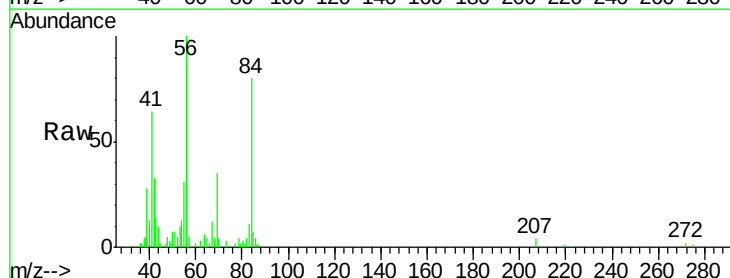
Instrument :
MSVOA_X
ClientSampleId :
BG3S8DL

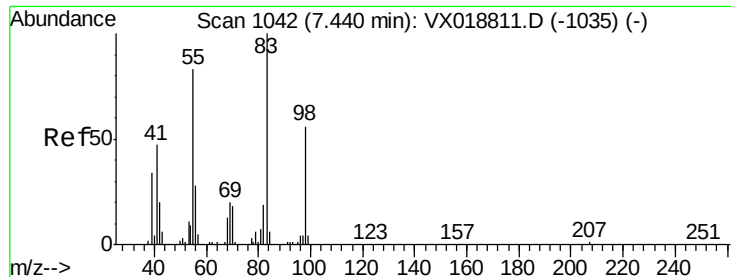
Tot Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 26.9 0.0 56.4



#30
Cyclohexane
Concen: 1.187 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018819.D
Acq: 07 Oct 2020 18:31

Tgt Ion: 56 Resp: 13029
Ion Ratio Lower Upper
56 100
69 35.4 26.0 39.0
84 87.6 73.8 110.6

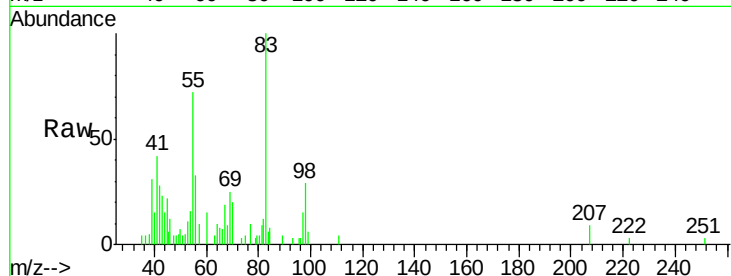




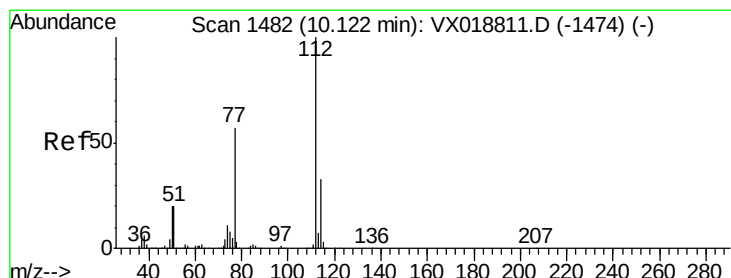
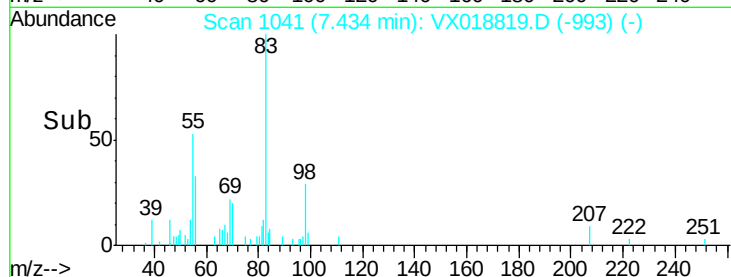
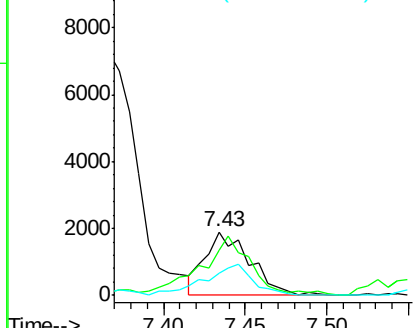
#35
Methylvlcyclohexane
Concen: 0.310 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018819.D
Acq: 07 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
BG3S8DL

Tot Ion: 83 Resp: 3638
Ion Ratio Lower Upper
83 100
55 93.6 60.3 90.5#
98 52.7 39.4 59.0

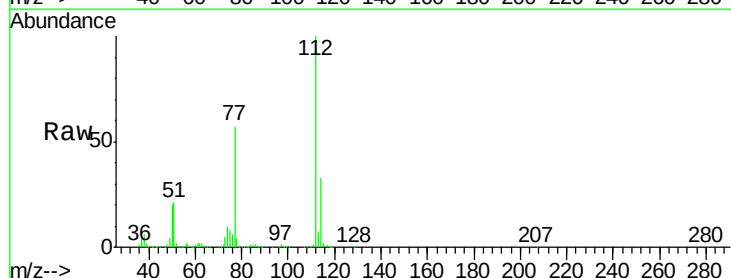


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

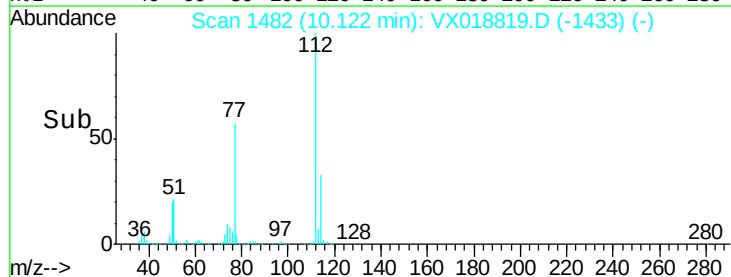
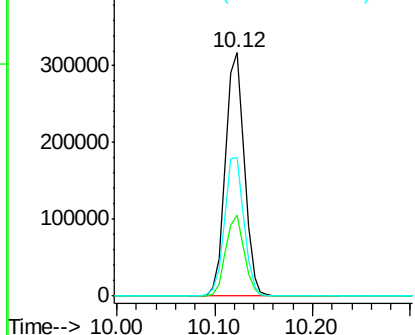


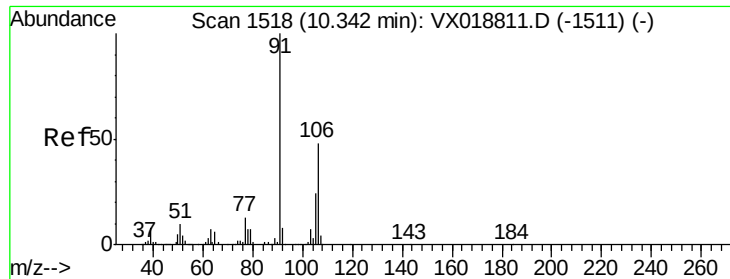
#53
Chlorobenzene
Concen: 20.370 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018819.D
Acq: 07 Oct 2020 18:31

Tgt Ion: 112 Resp: 427243
Ion Ratio Lower Upper
112 100
114 33.3 21.3 39.5
77 57.1 42.4 63.6



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VX0





#55

m,p-xylene

Concen: 0.104 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018819.D

Acq: 07 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

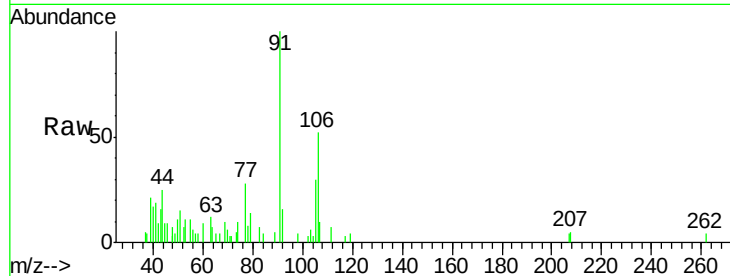
BG3S8DL

Tot Ion:106 Resp: 1393

Ion Ratio Lower Upper

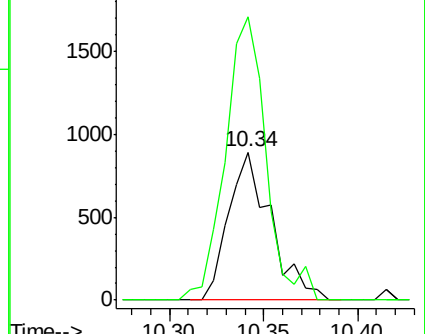
106 100

91 191.5 143.4 266.2

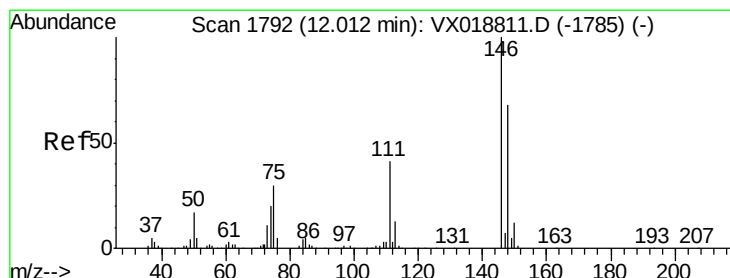
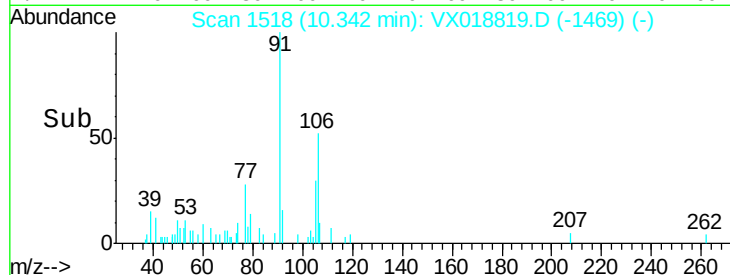


Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



Time-->



#63

1,3-Dichlorobenzene

Concen: 3.568 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018819.D

Acq: 07 Oct 2020 18:31

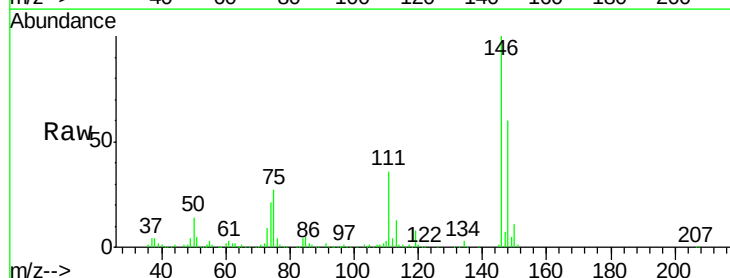
Tgt Ion:146 Resp: 56968

Ion Ratio Lower Upper

146 100

111 35.9 28.4 52.8

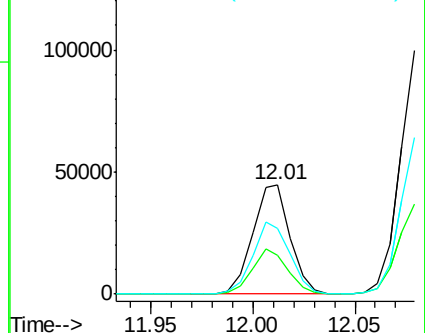
148 60.0 45.9 85.3



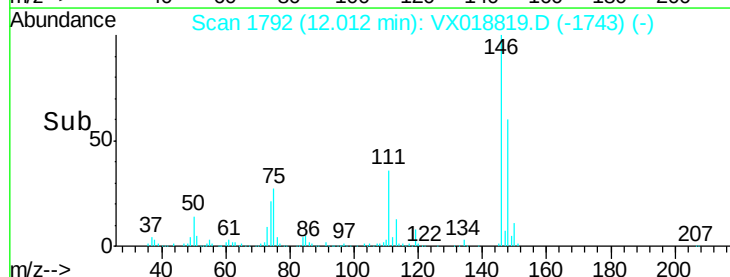
Abundance Ion 145.95 (145.65 to 146.65): V

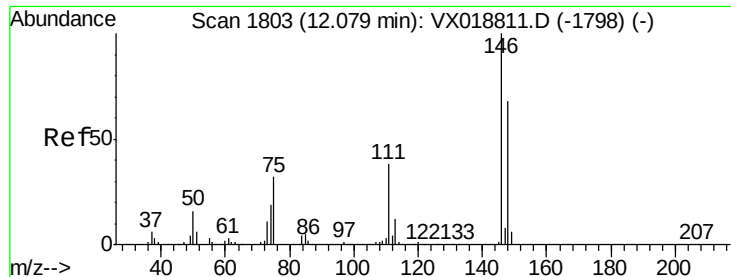
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time-->

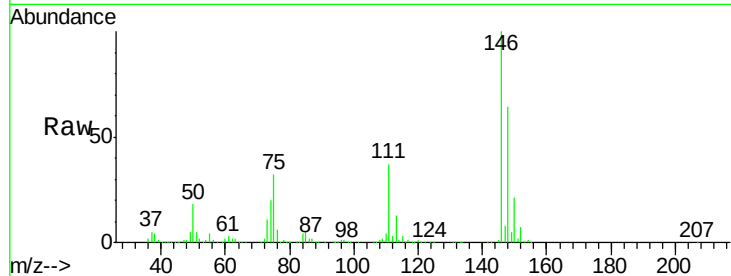




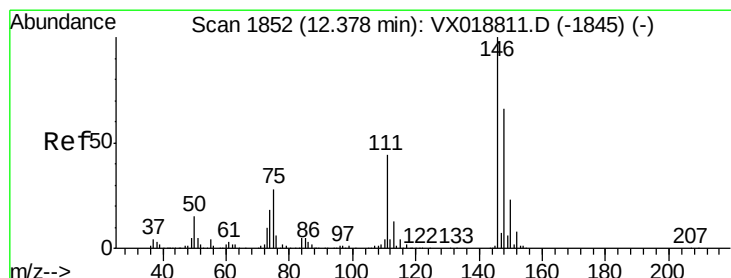
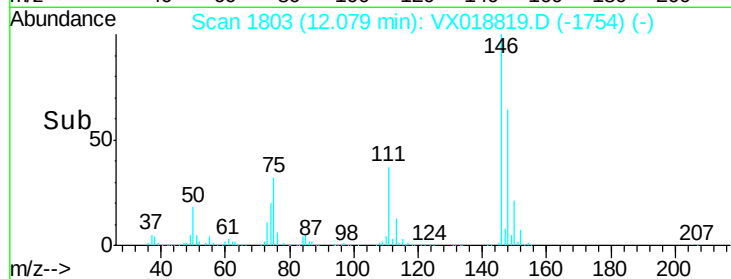
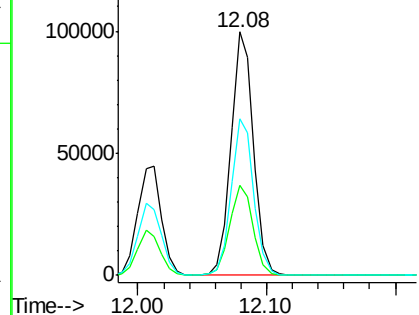
#64
 1,4-Dichlorobenzene
 Concen: 7.691 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018819.D
 Acq: 07 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampled :
 BG3S8DL

Tot Ion:146 Resp: 122476
 Ion Ratio Lower Upper
 146 100
 111 37.1 28.6 53.2
 148 64.1 44.2 82.0

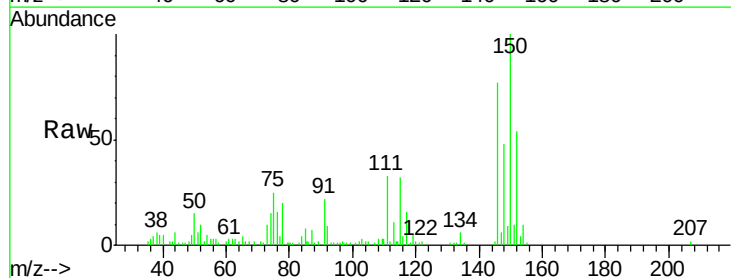


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

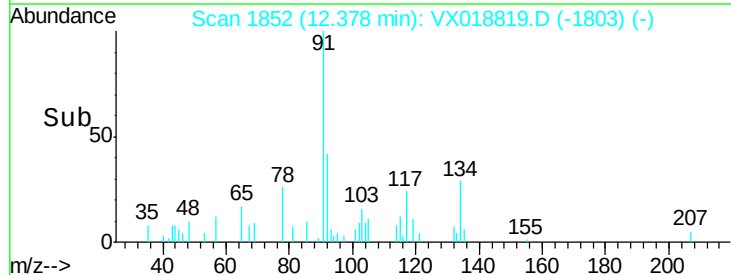
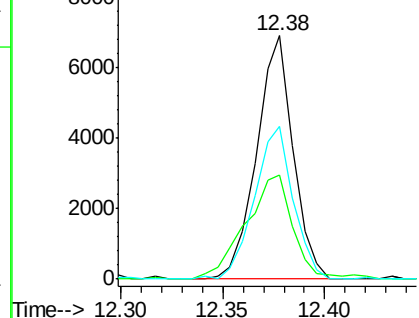


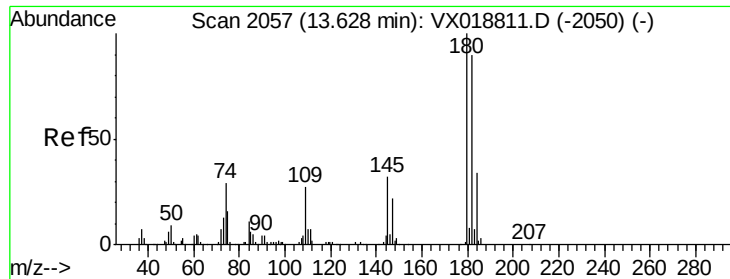
#66
 1,2-Dichlorobenzene
 Concen: 0.575 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018819.D
 Acq: 07 Oct 2020 18:31

Tgt Ion:146 Resp: 8578
 Ion Ratio Lower Upper
 146 100
 111 42.5 31.7 47.5
 148 62.8 49.0 73.6



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

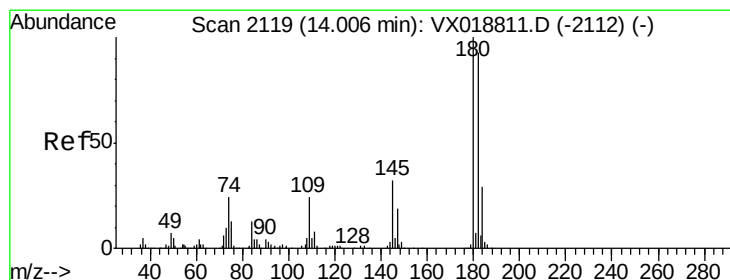
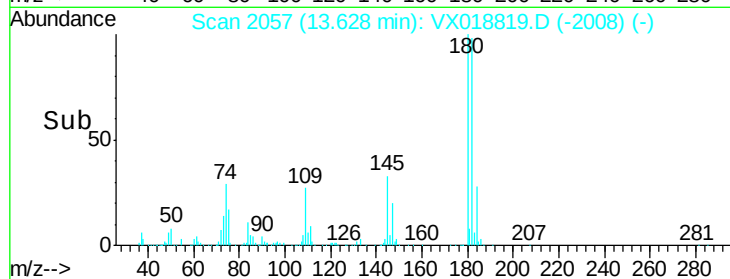
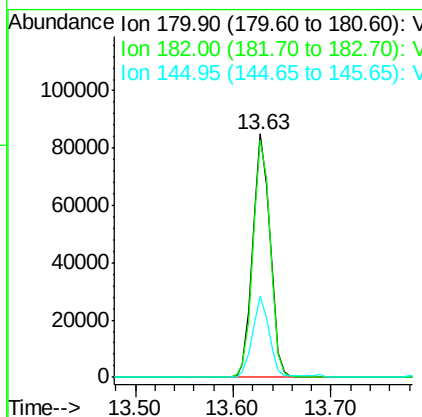
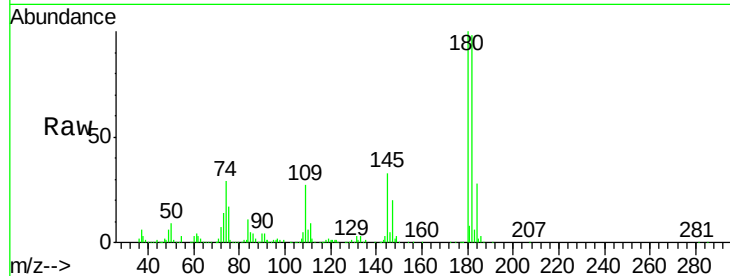




#69
 1,2,4-trichlorobenzene
 Concen: 10.299 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018819.D
 Acq: 07 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampled :
 BG3S8DL

Tot Ion:180 Resp: 105086
 Ion Ratio Lower Upper
 180 100
 182 97.1 80.2 120.4
 145 32.8 25.2 37.8



#71
 1,2,3-Trichlorobenzene
 Concen: 1.843 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018819.D
 Acq: 07 Oct 2020 18:31

Tgt Ion:180 Resp: 16921
 Ion Ratio Lower Upper
 180 100
 182 100.2 73.6 110.4
 145 41.2 26.6 40.0#

