

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\
 Data File : VX018770.D
 Acq On : 05 Oct 2020 17:03
 Operator : JC/SP
 Sample : L4239-05DL2 400X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 BG3N5DL2

Manual Integrations
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 10/7/2020 11:01:15 AM

Quant Time: Oct 06 05:07:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 02:55:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	144538	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	137630	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	67715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45350	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.70	69	39075	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.34	63	79366	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.57	46	149250	67.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.78%#
24) Chloroform-d	5.14	84	110677	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	6.03	65	63348	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	6.05	84	208613	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	7.37	67	63029	6.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.40%
41) Toluene-d8	8.70	98	187029	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
45) trans-1,3-Dichloropropene-	8.99	79	28846	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
48) 2-Hexanone-d5	9.43	63	125763	70.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.08%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	50378	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.20%#
65) 1,2-Dichlorobenzene-d4	12.36	152	77633	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	750m	0.096	ug/L	
12) 1,1-Dichloroethene	2.34	96	1466	0.204	ug/L #	1
16) Methylene chloride	2.84	84	3536	0.405	ug/L	95
19) 1,1-Dichloroethane	3.67	63	4930	0.360	ug/L	90
22) cis-1,2-Dichloroethene	4.57	96	34239	4.306	ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	58552	3.596	ug/L	99
30) Cyclohexane	5.54	56	4211	0.373	ug/L #	85
42) Toluene	8.76	91	378117	11.990	ug/L	98
54) Ethylbenzene	10.24	91	35860	1.014	ug/L	94
55) m,p-xylene	10.34	106	51736	3.752	ug/L	94
56) o-xylene	10.68	106	23879	1.874	ug/L	99
58) Isopropylbenzene	11.00	105	11669	0.327	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	1412	0.092	ug/L #	85

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

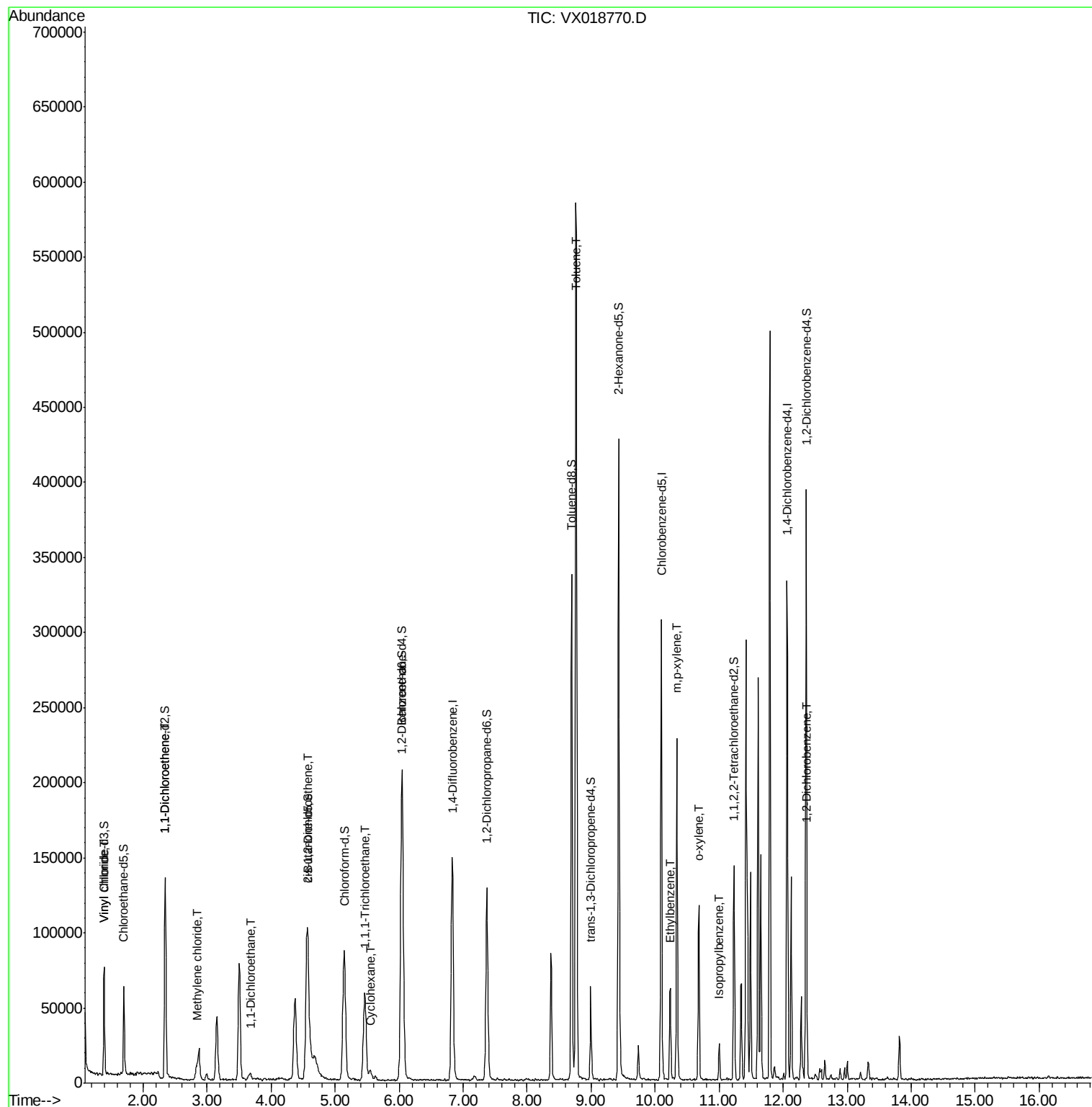
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018770.D
Acq On : 05 Oct 2020 17:03
Operator : JC/SP
Sample : L4239-05DL2 400X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

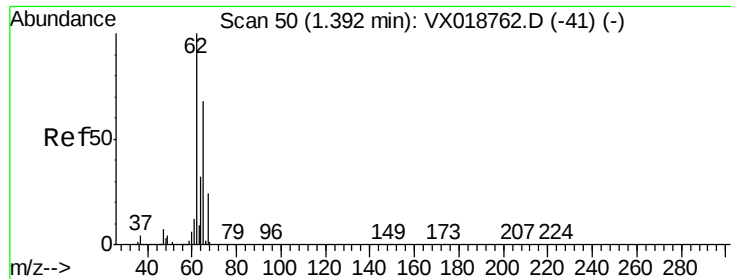
Instrument :
MSVOA_X
ClientSampleId :
BG3N5DL2

Manual Integrations
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10/7/2020 11:01:15 AM

Quant Time: Oct 06 05:07:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 02:55:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.096 ug/L m

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX018770.D

Acq: 05 Oct 2020 17:03

Instrument :

MSVOA_X

ClientSampled :

BG3N5DL2

Tot Ion: 62 Resp: 750

Ion Ratio Lower Upper

62 100

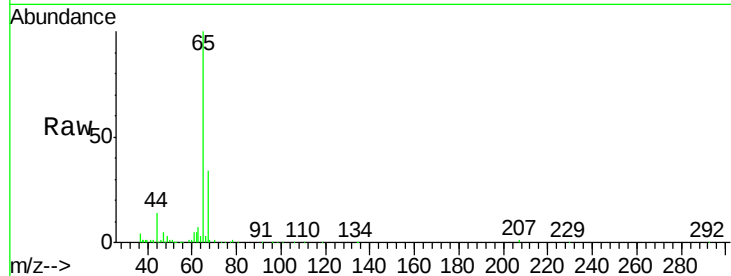
64 58.7 24.3 45.1#

Manual Integrations

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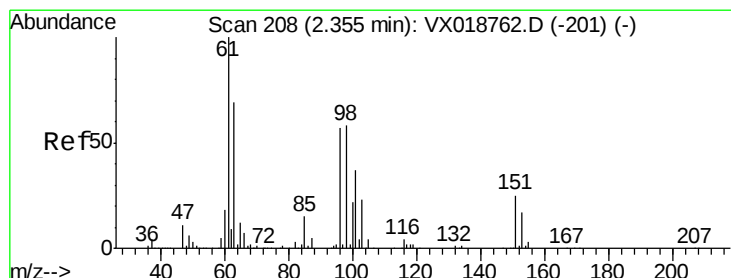
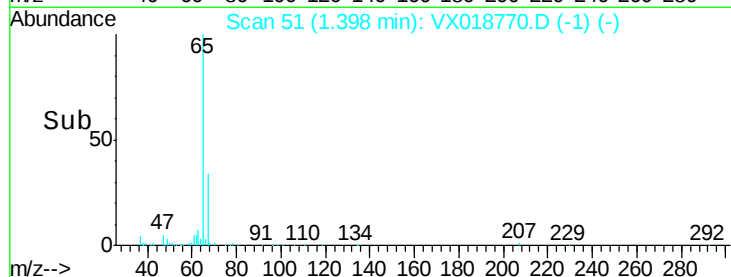
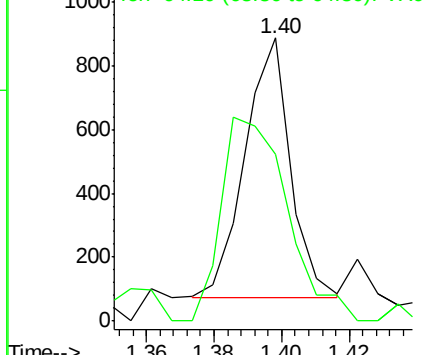
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Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#12

1,1-Dichloroethene

Concen: 0.204 ug/L

RT: 2.34 min Scan# 205

Delta R.T. -0.02 min

Lab File: VX018770.D

Acq: 05 Oct 2020 17:03

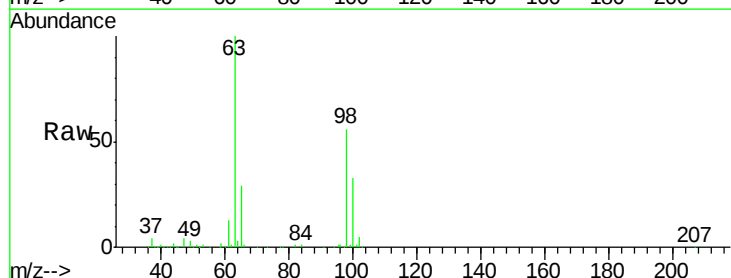
Tgt Ion: 96 Resp: 1466

Ion Ratio Lower Upper

96 100

61 681.8 133.2 247.4#

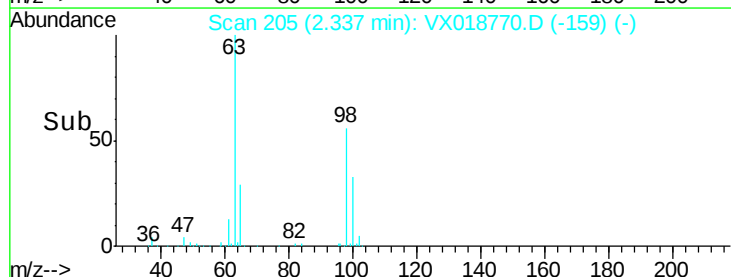
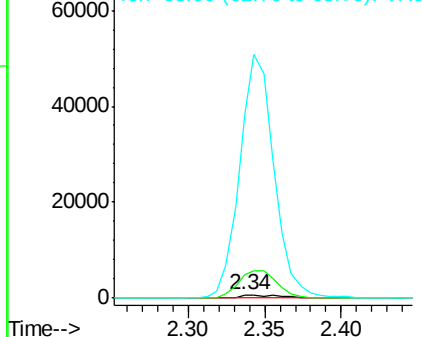
63 5186.4 115.1 213.7#

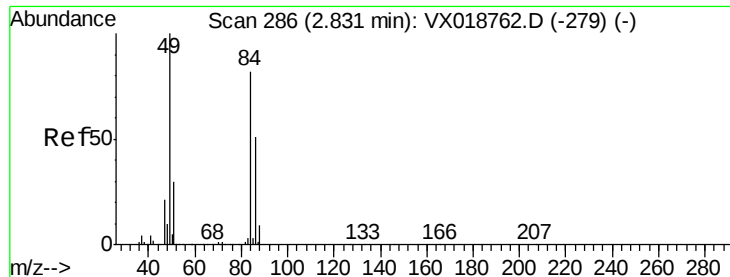


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





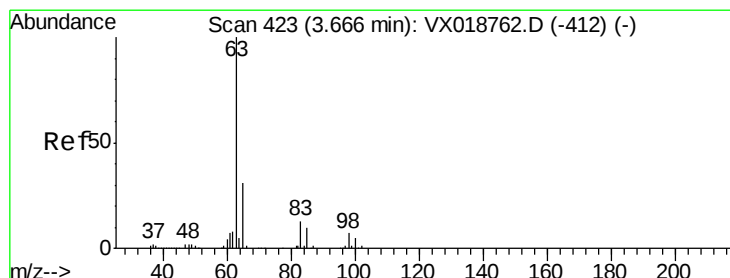
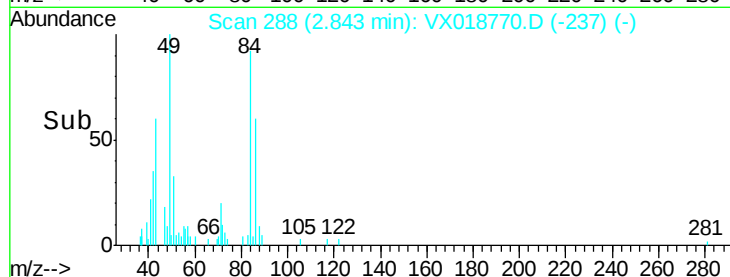
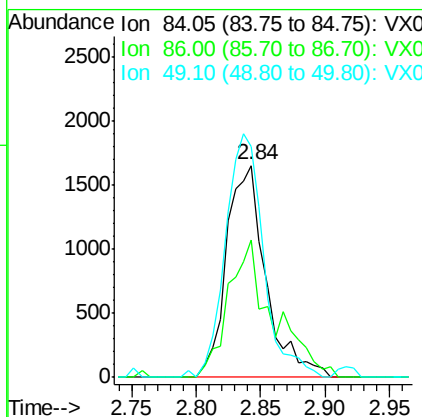
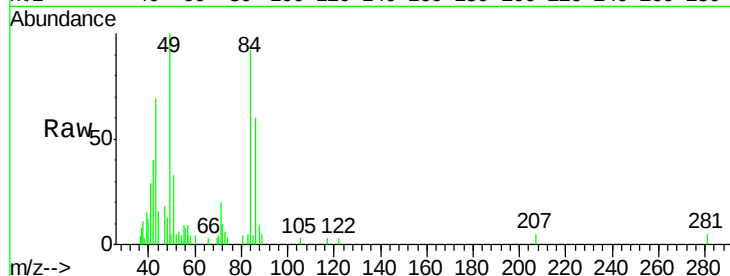
#16
Methvlene chloride
Concen: 0.405 ug/L
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
BG3N5DL2

Tot Ion	Ratio	Lower	Upper
84	100		
86	64.9	45.6	84.8
49	114.6	85.8	159.3

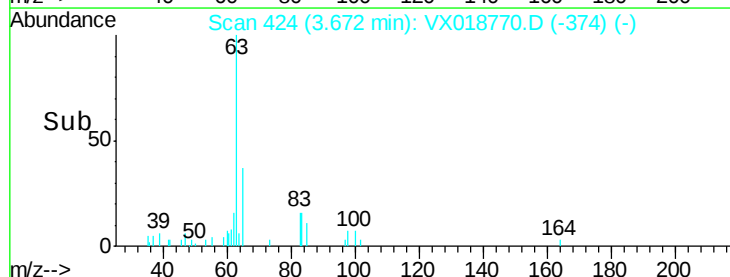
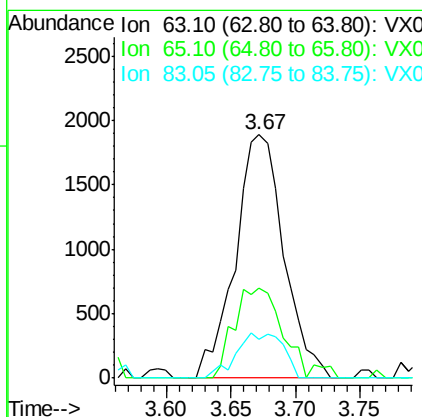
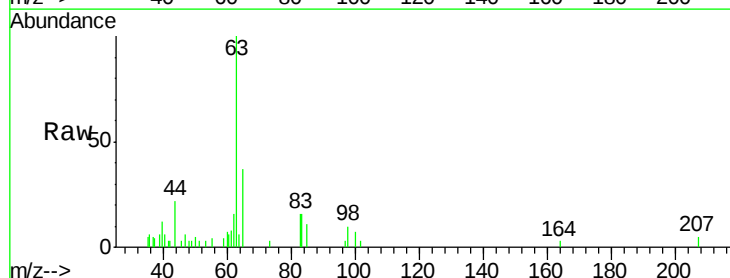
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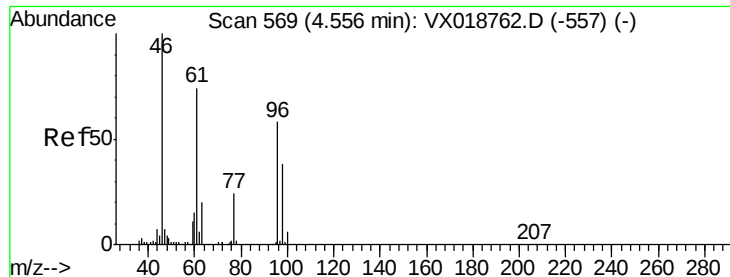
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#19
1,1-Dichloroethane
Concen: 0.360 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	36.8	21.6	40.2
83	15.8	8.7	16.1





#22

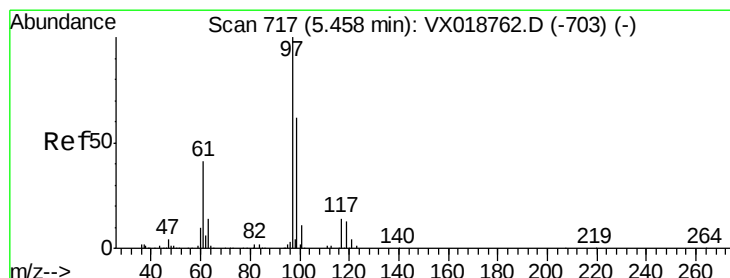
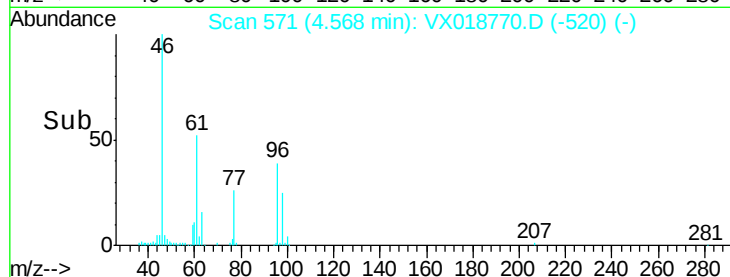
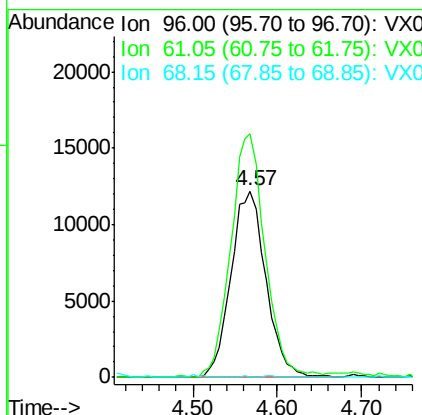
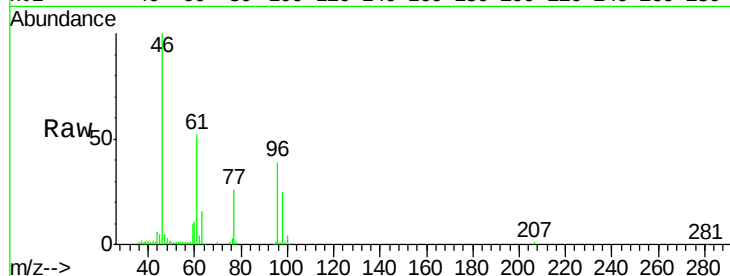
cis-1,2-Dichloroethene
 Concen: 4.306 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018770.D
 Acq: 05 Oct 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N5DL2

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	86.2	160.0
68	0.0	0.3	0.7#

Manual Integrations
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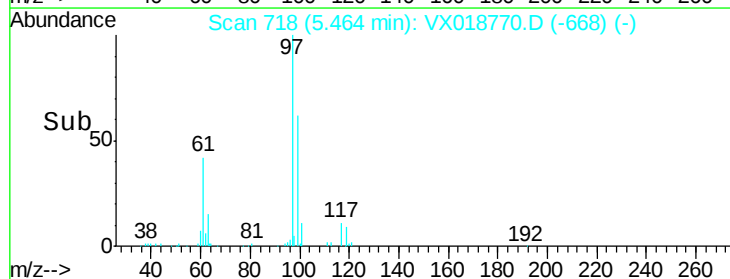
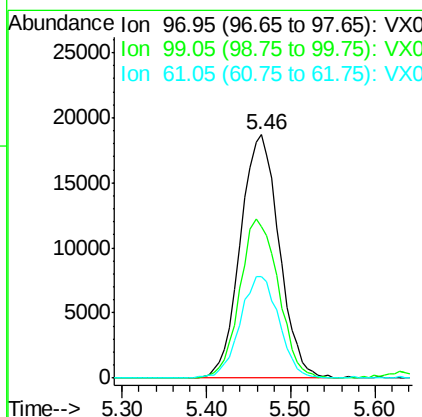
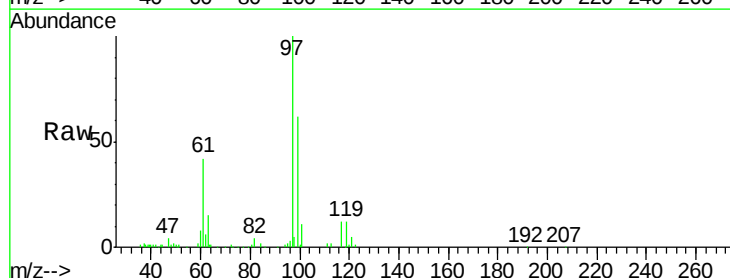
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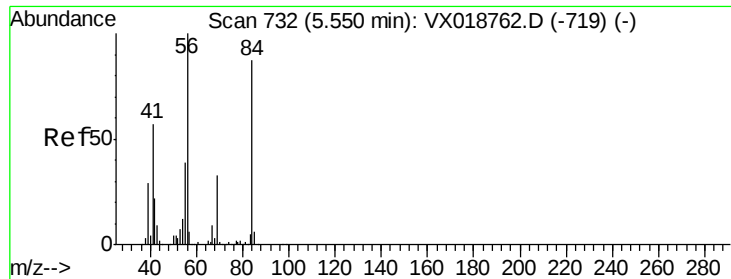


#29

1,1,1-Trichloroethane
 Concen: 3.596 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018770.D
 Acq: 05 Oct 2020 17:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	41.7	33.3	49.9





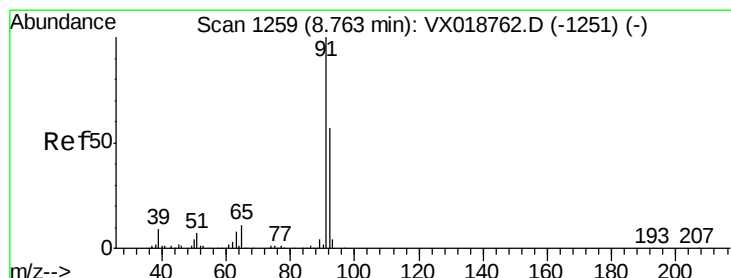
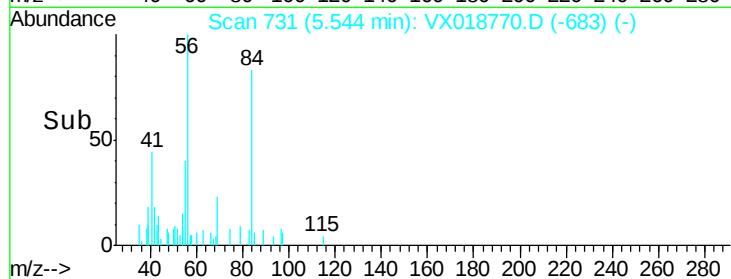
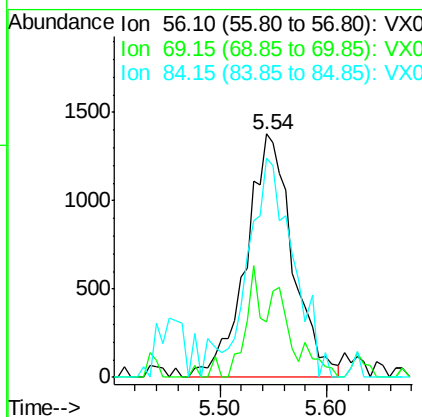
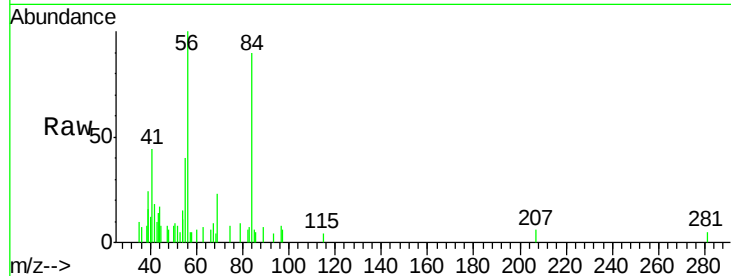
#30
Cyclohexane
Concen: 0.373 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
BG3N5DL2

Tot Ion	Ratio	Lower	Upper
56	100		
69	13.8	26.0	39.0#
84	84.2	73.8	110.6

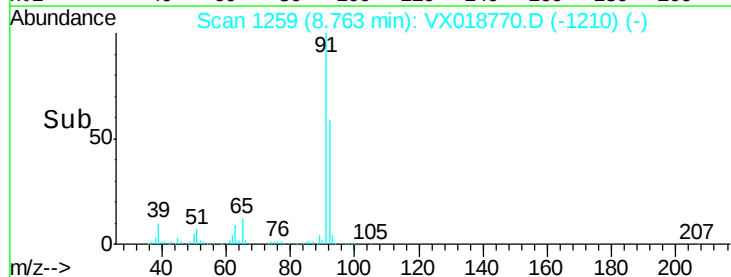
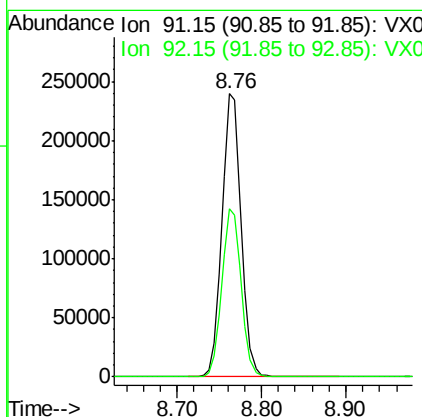
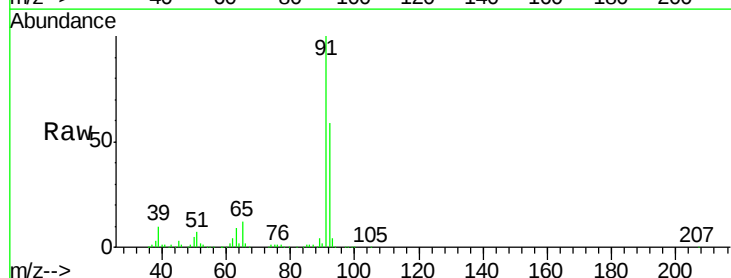
Manual Integrations
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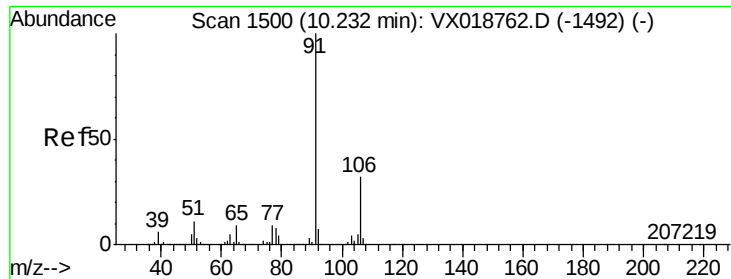
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#42
Toluene
Concen: 11.990 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.3	40.3	74.9





#54

Ethylbenzene

Concen: 1.014 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018770.D

Acq: 05 Oct 2020 17:03

Instrument :

MSVOA_X

ClientSampled :

BG3N5DL2

Tot Ion: 91 Resp: 35860

Ion Ratio Lower Upper

91 100

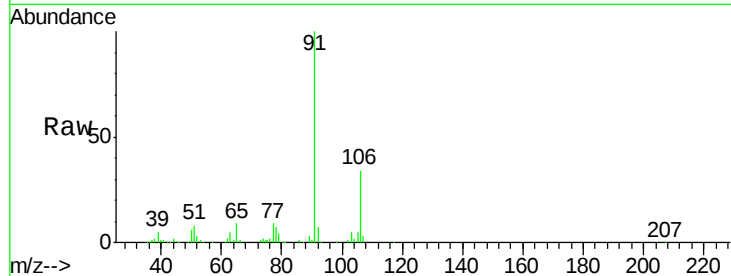
106 33.9 21.5 39.9

Manual Integrations

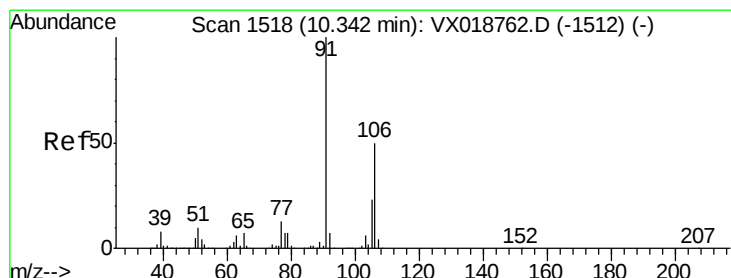
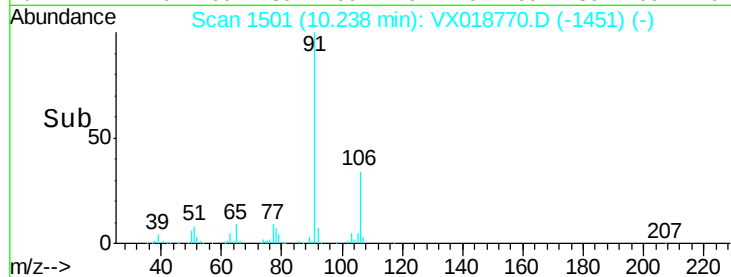
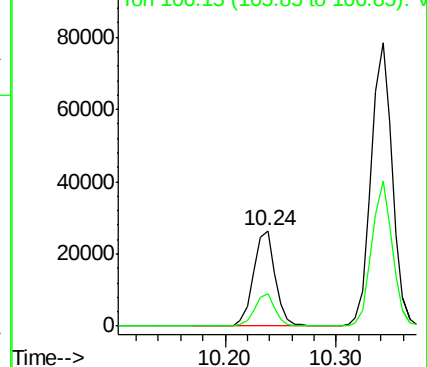
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Abundance Ion 91.15 (90.85 to 91.85): VX018770.D (-1451) (-)



#55

m,p-xylene

Concen: 3.752 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018770.D

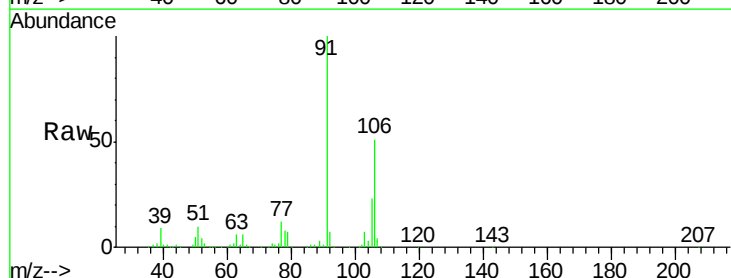
Acq: 05 Oct 2020 17:03

Tgt Ion: 106 Resp: 51736

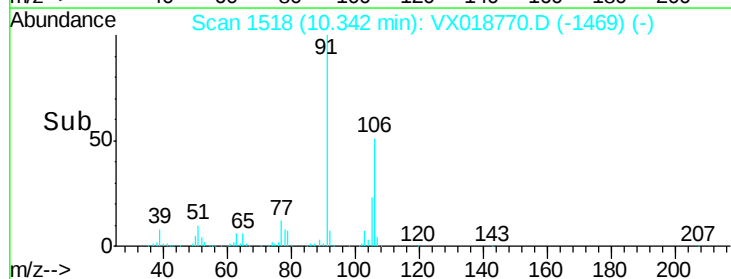
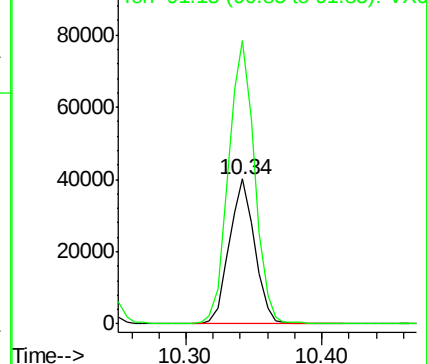
Ion Ratio Lower Upper

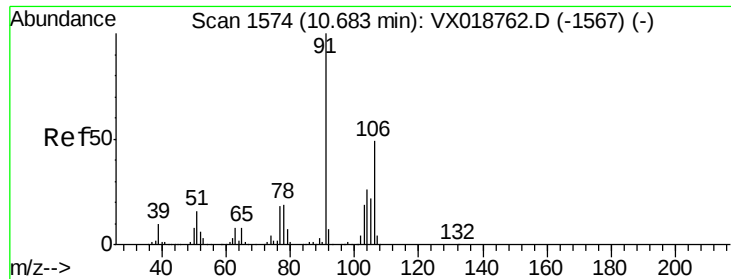
106 100

91 195.3 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): VX018770.D (-1469) (-)





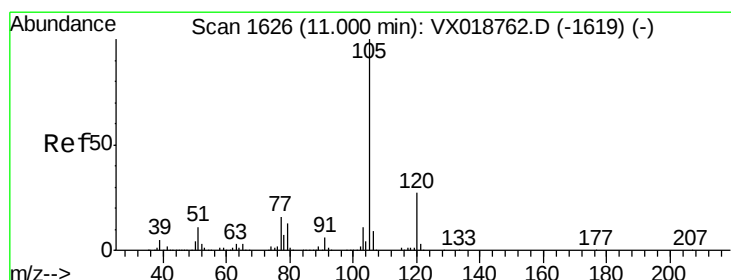
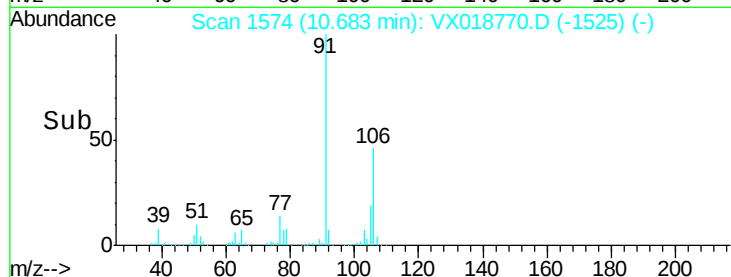
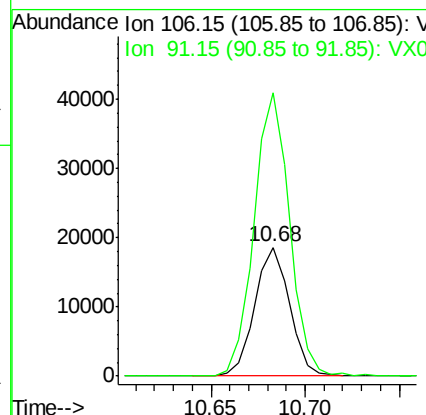
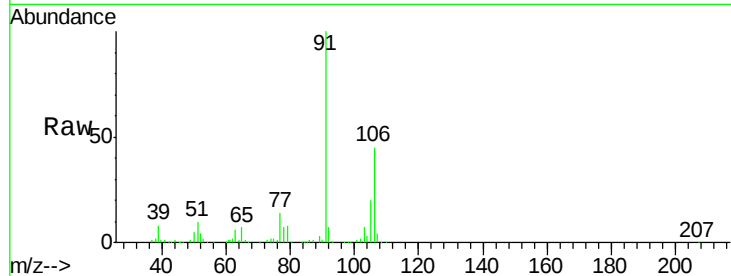
#56
o-xylene
Concen: 1.874 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Instrument :
MSVOA_X
ClientSampled :
BG3N5DL2

Tot Ion:106 Resp: 23879
Ion Ratio Lower Upper
106 100
91 220.0 153.4 284.8

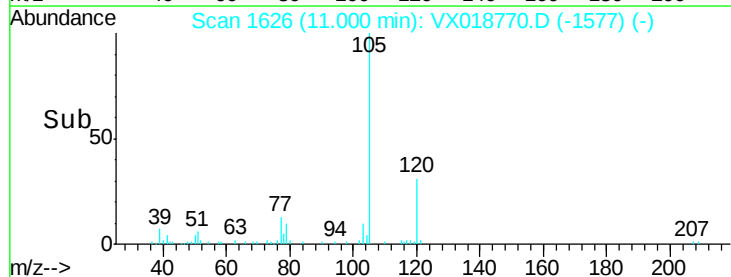
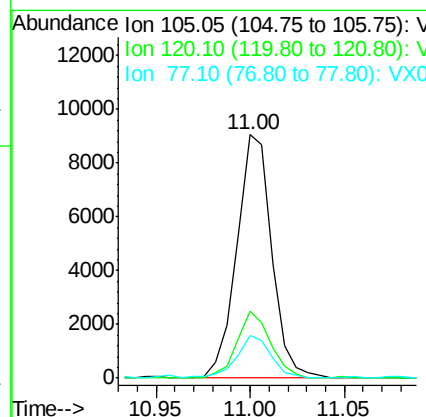
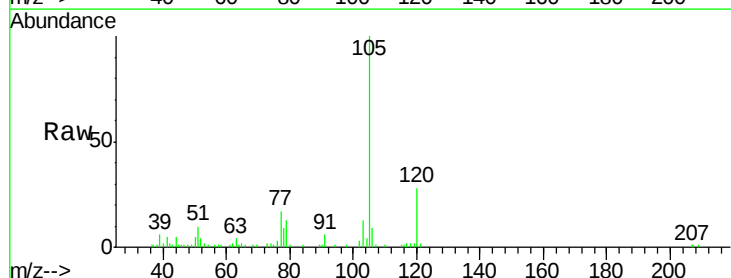
Manual Integrations
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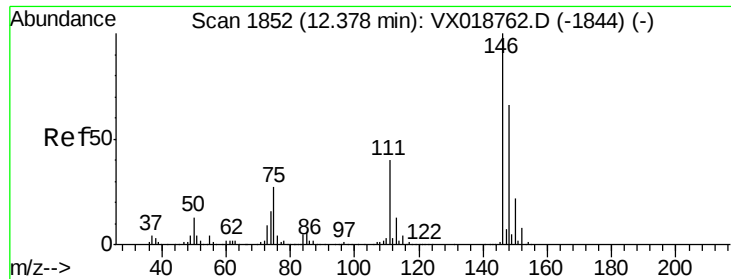
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#58
Isopropylbenzene
Concen: 0.327 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018770.D
Acq: 05 Oct 2020 17:03

Tgt Ion:105 Resp: 11669
Ion Ratio Lower Upper
105 100
120 26.3 20.2 30.2
77 17.3 13.3 19.9





#66
 1,2-Dichlorobenzene
 Concen: 0.092 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018770.D
 Acq: 05 Oct 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleID :
 BG3N5DL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	53.8	31.7	47.5#
148	68.6	49.0	73.6

Manual Integrations
 APPROVED

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 10/7/2020 11:01:15 AM

