

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100820\
 Data File : VX018841.D
 Acq On : 08 Oct 2020 16:14
 Operator : JC/SP
 Sample : L4240-02DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9DL

Quant Time: Oct 09 06:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 04:43:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	138627	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	134092	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	71605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29971	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.70	69	28142	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.34	63	53070	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.55	46	135384	63.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.48%
24) Chloroform-d	5.14	84	90216	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.03	65	54399	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.05	84	154050	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	7.37	67	49892	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	8.70	98	132890	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
45) trans-1,3-Dichloropropene-	8.99	79	21446	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	9.43	63	100849	58.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.12%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40547	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	62047	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

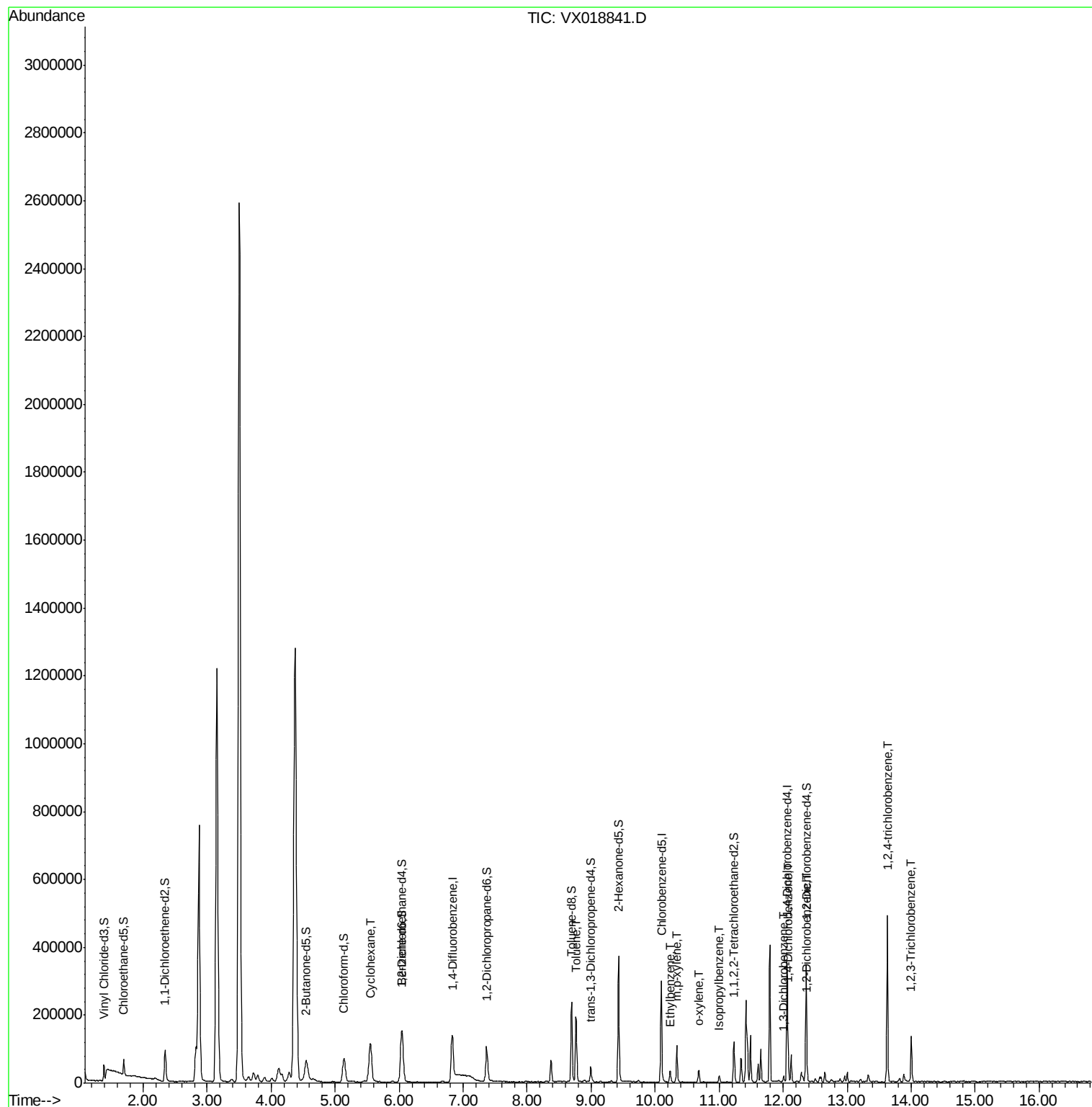
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	5.55	56	73961	6.722	ug/L	97
42) Toluene	8.76	91	121481	3.954	ug/L	98
54) Ethylbenzene	10.24	91	17378	0.505	ug/L	96
55) m,p-xylene	10.34	106	24607	1.832	ug/L	88
56) o-xylene	10.68	106	7785	0.627	ug/L	99
58) Isopropylbenzene	11.00	105	8607	0.248	ug/L #	90
63) 1,3-Dichlorobenzene	12.01	146	3793	0.218	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	12070	0.695	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	5521	0.340	ug/L #	85
69) 1,2,4-trichlorobenzene	13.63	180	107346	9.652	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	32027	3.201	ug/L	99

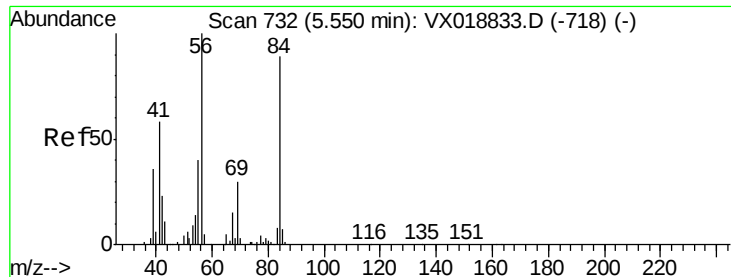
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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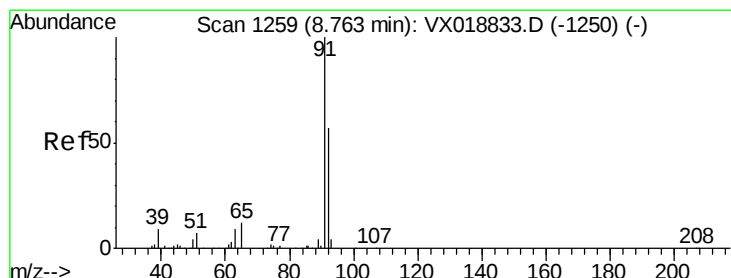
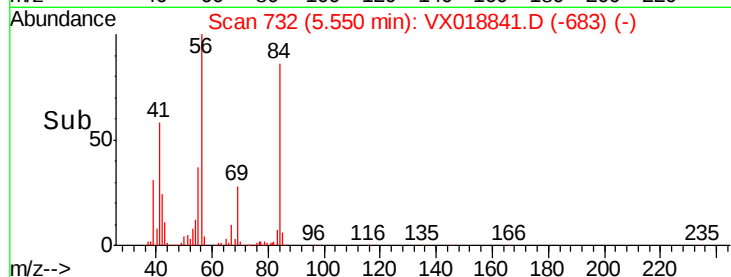
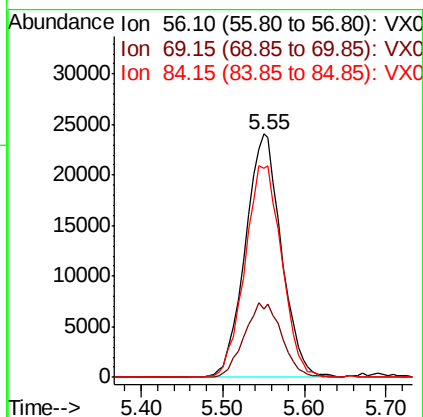
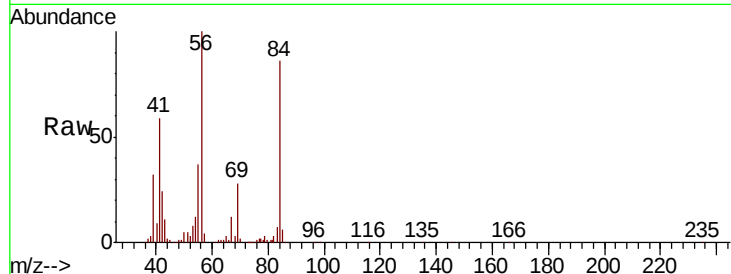




#30
Cyclohexane
Concen: 6.722 ug/L
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018841.D
Acq: 08 Oct 2020 16:14

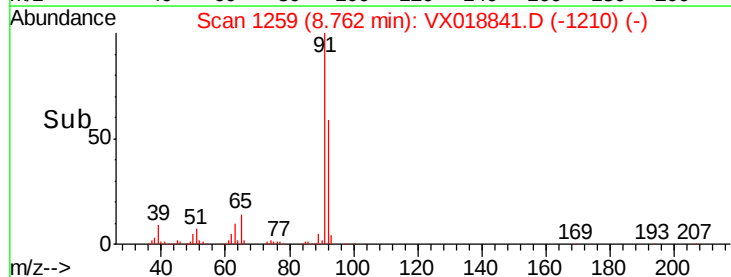
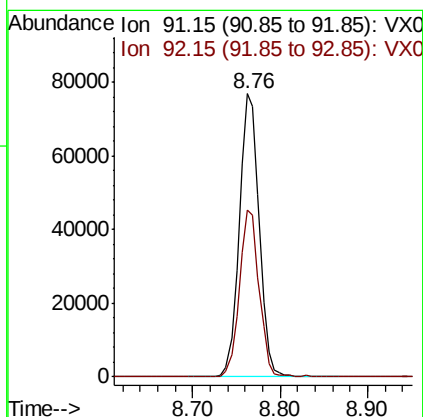
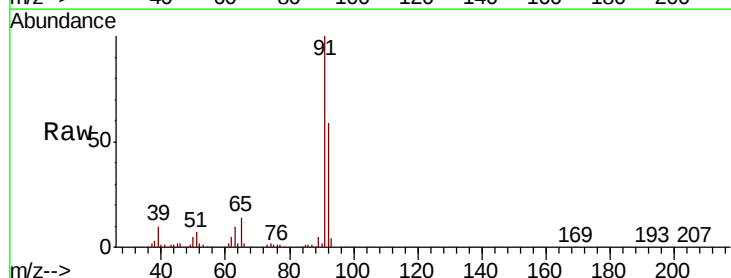
Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

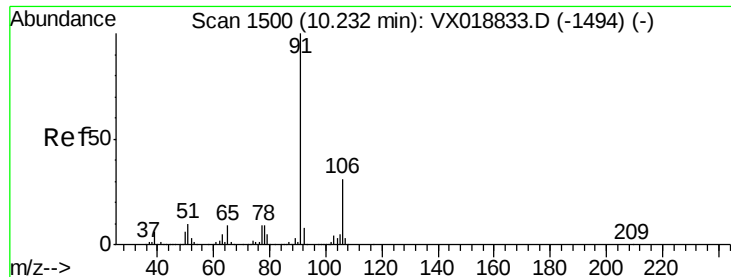
Tot Ion: 56 Resp: 73961
Ion Ratio Lower Upper
56 100
69 31.8 26.0 39.0
84 89.0 73.8 110.6



#42
Toluene
Concen: 3.954 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018841.D
Acq: 08 Oct 2020 16:14

Tgt Ion: 91 Resp: 121481
Ion Ratio Lower Upper
91 100
92 59.1 40.3 74.9





#54

Ethylbenzene

Concen: 0.505 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018841.D

Acq: 08 Oct 2020 16:14

Instrument :

MSVOA_X

ClientSampleID :

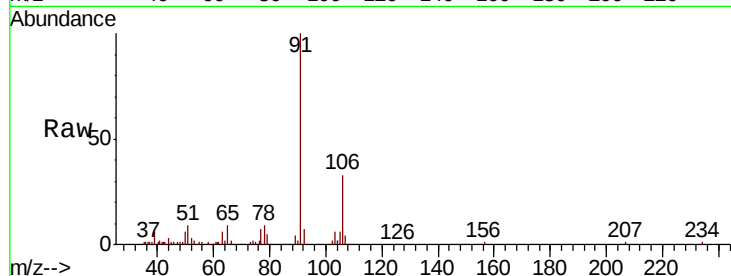
BG3Q9DL

Tot Ion: 91 Resp: 17378

Ion Ratio Lower Upper

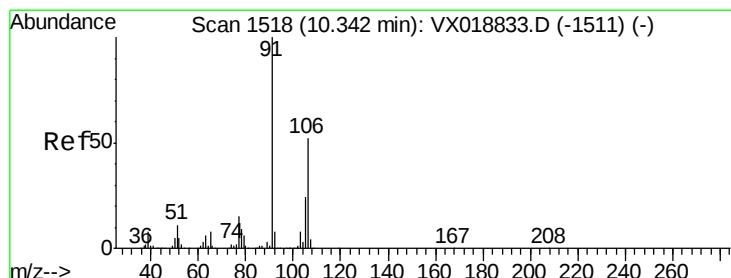
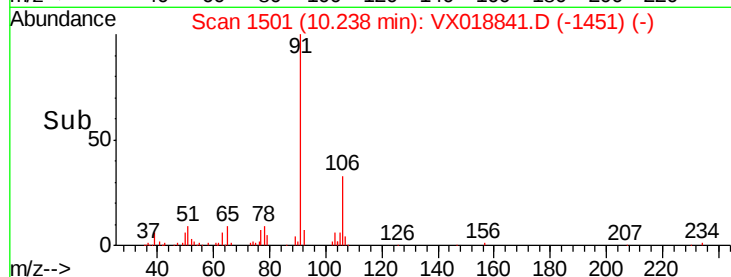
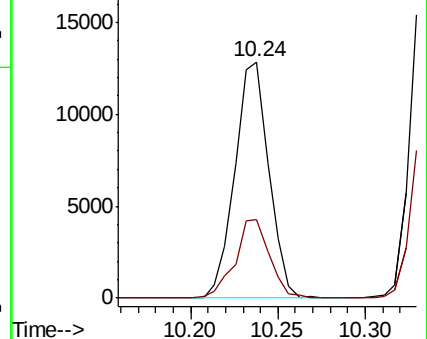
91 100

106 33.1 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 1.832 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018841.D

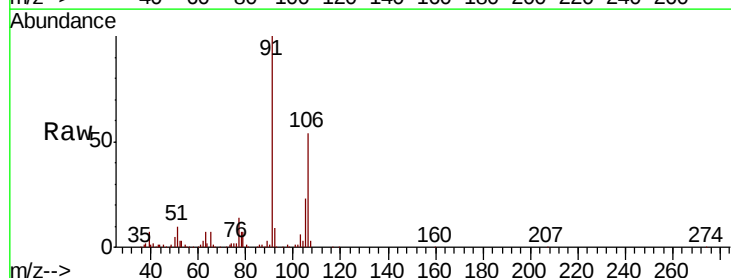
Acq: 08 Oct 2020 16:14

Tgt Ion:106 Resp: 24607

Ion Ratio Lower Upper

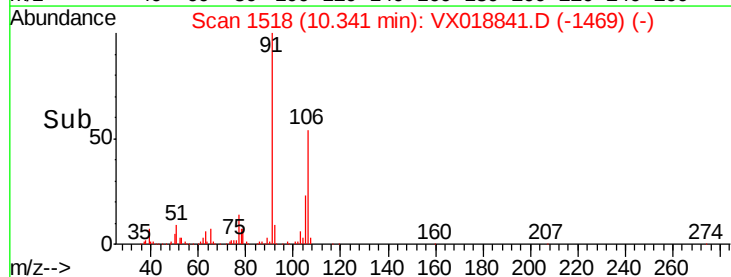
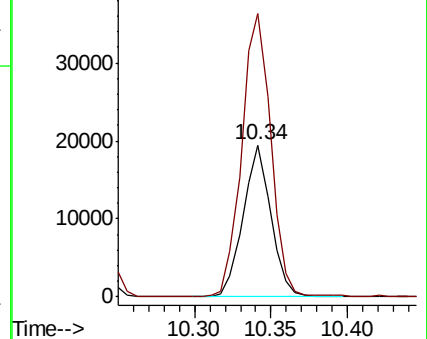
106 100

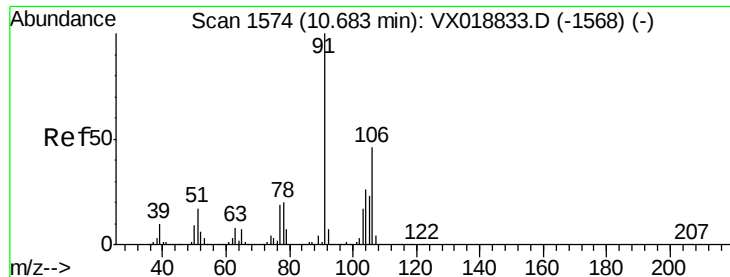
91 186.2 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#56

o-xylene

Concen: 0.627 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018841.D

Acq: 08 Oct 2020 16:14

Instrument :

MSVOA_X

ClientSampleID :

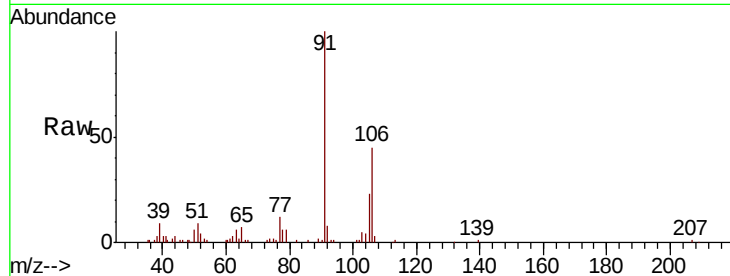
BG3Q9DL

Tot Ion:106 Resp: 7785

Ion Ratio Lower Upper

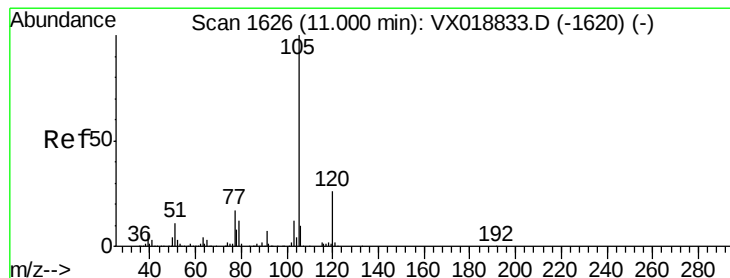
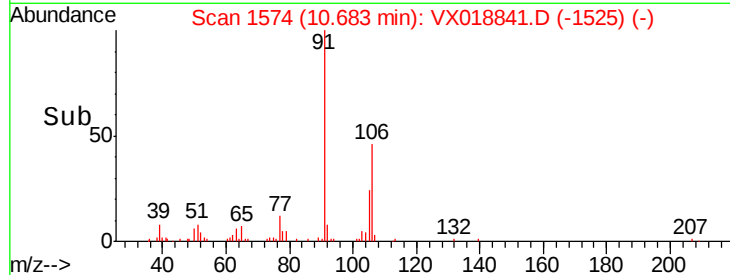
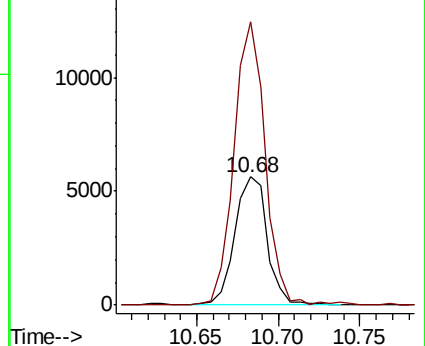
106 100

91 220.7 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#58

Isopropylbenzene

Concen: 0.248 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018841.D

Acq: 08 Oct 2020 16:14

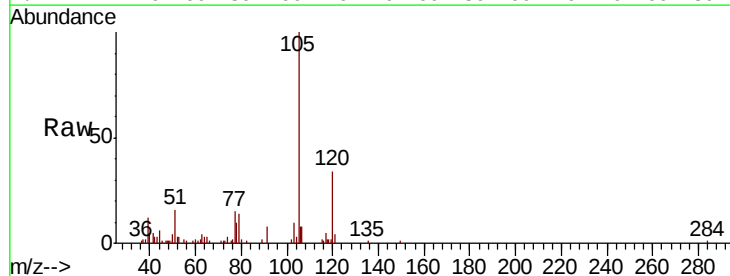
Tgt Ion:105 Resp: 8607

Ion Ratio Lower Upper

105 100

120 31.5 20.2 30.2#

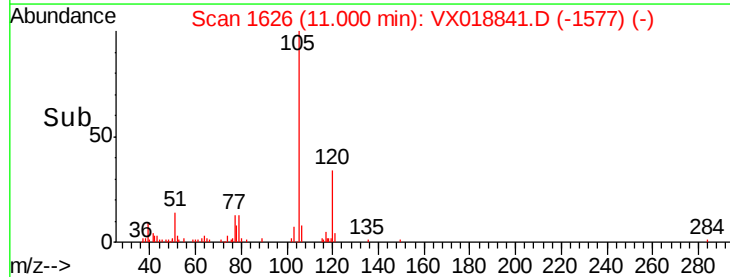
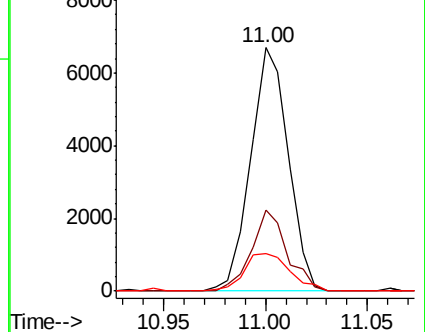
77 18.8 13.3 19.9

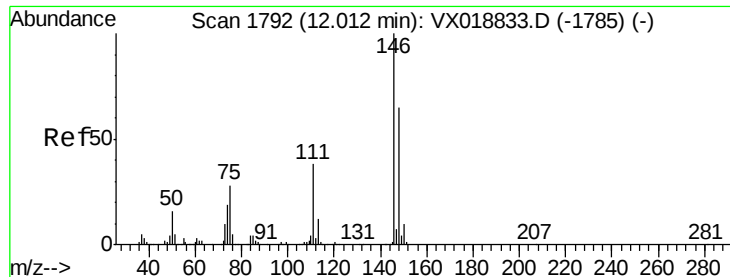


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0

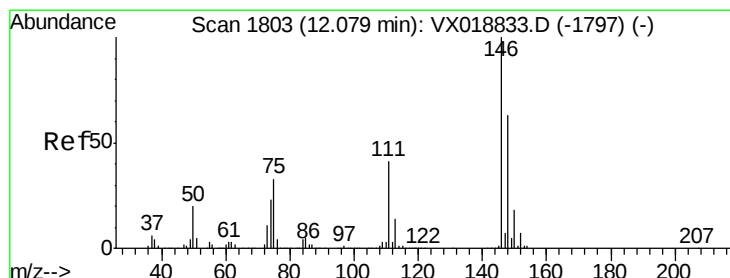
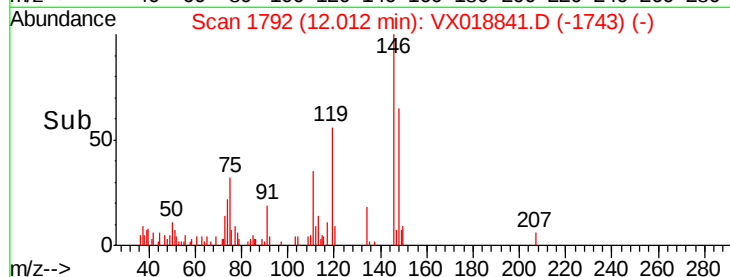
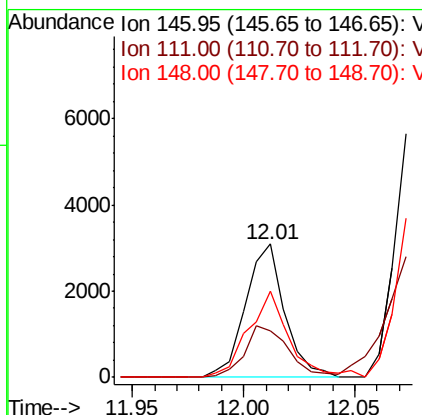
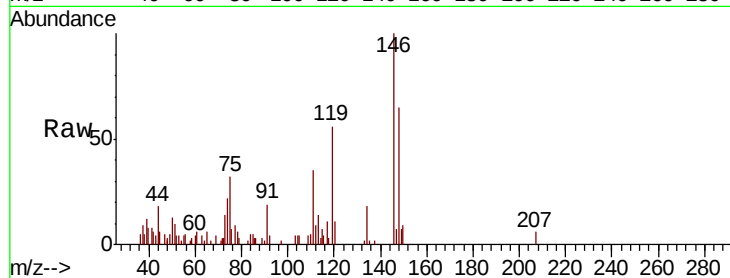




#63
 1,3-Dichlorobenzene
 Concen: 0.218 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018841.D
 Acq: 08 Oct 2020 16:14

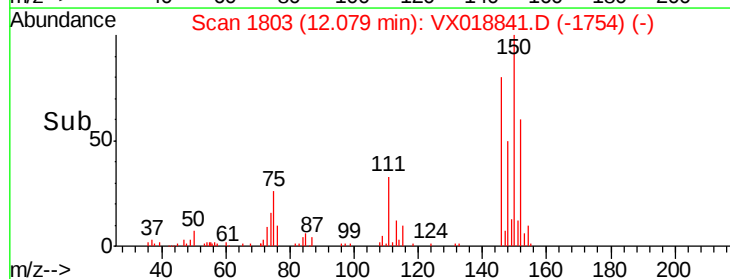
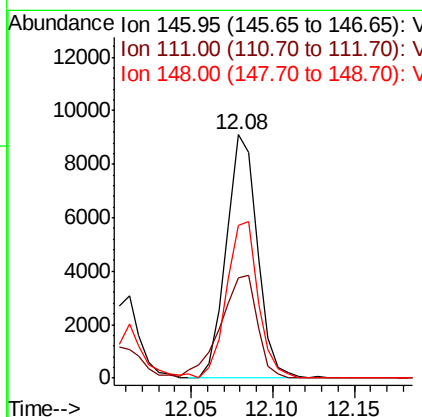
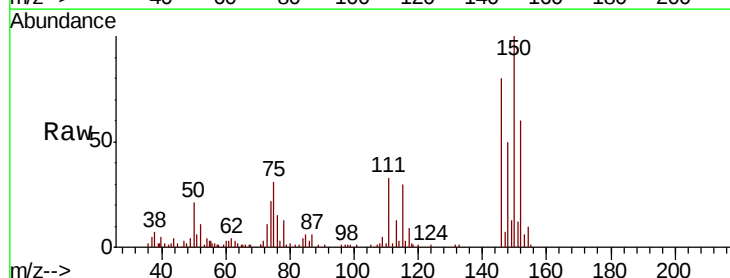
Instrument :
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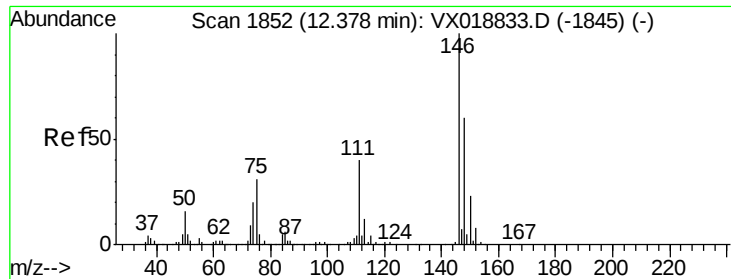
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	28.4	52.8
148	65.1	45.9	85.3



#64
 1,4-Dichlorobenzene
 Concen: 0.695 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018841.D
 Acq: 08 Oct 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.6	53.2
148	62.7	44.2	82.0

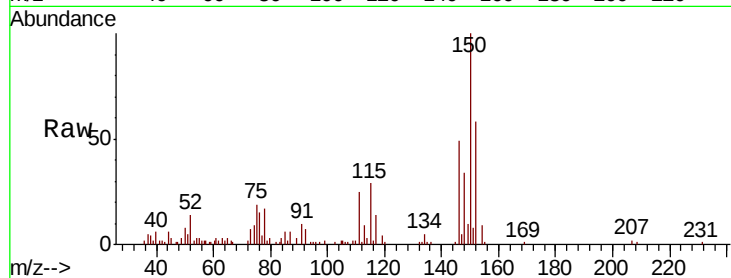




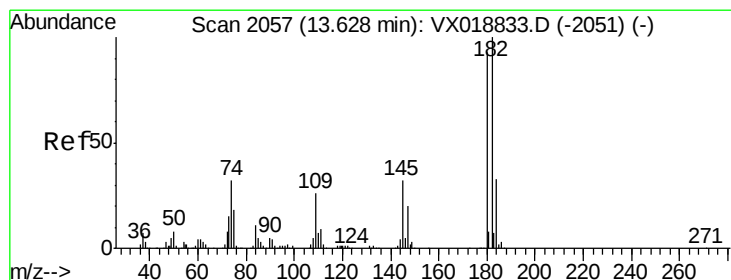
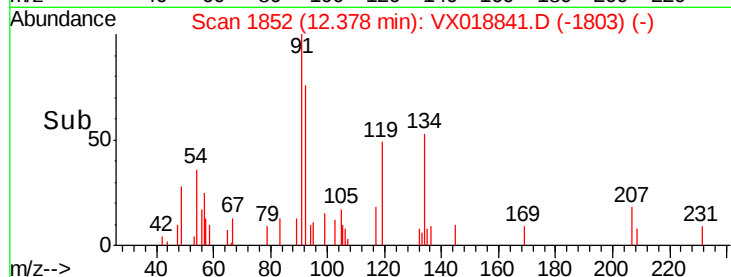
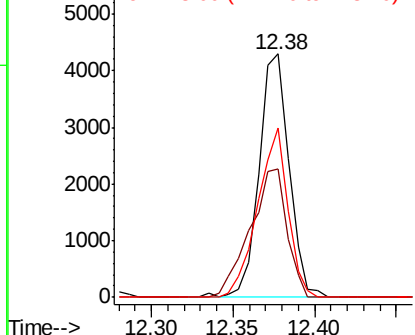
#66
 1,2-Dichlorobenzene
 Concen: 0.340 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018841.D
 Acq: 08 Oct 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9DL

Tot Ion:146 Resp: 5521
 Ion Ratio Lower Upper
 146 100
 111 52.5 31.7 47.5#
 148 69.6 49.0 73.6

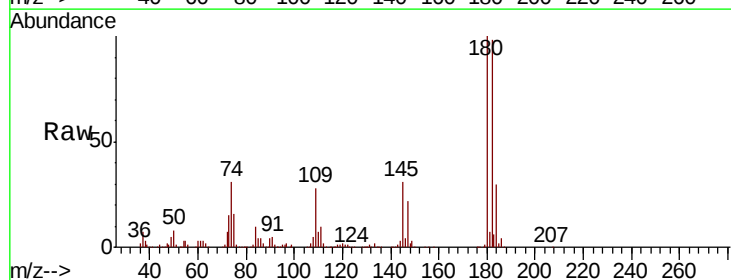


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

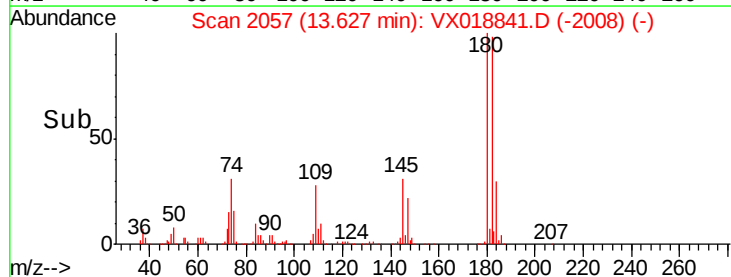
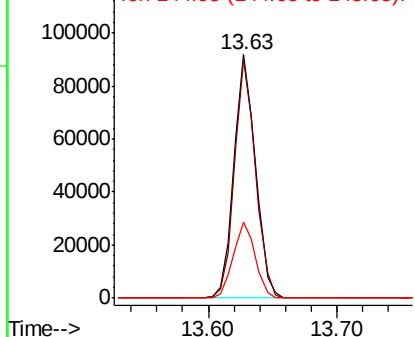


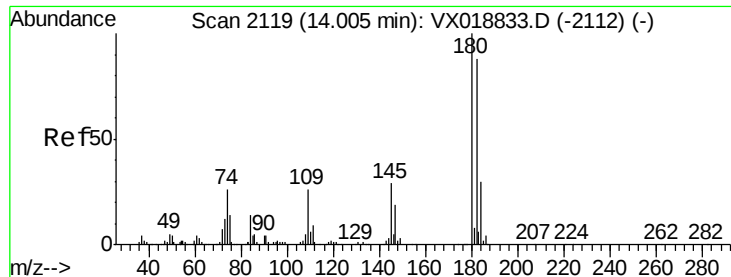
#69
 1,2,4-trichlorobenzene
 Concen: 9.652 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018841.D
 Acq: 08 Oct 2020 16:14

Tgt Ion:180 Resp: 107346
 Ion Ratio Lower Upper
 180 100
 182 96.0 80.2 120.4
 145 31.8 25.2 37.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#71
 1,2,3-Trichlorobenzene
 Concen: 3.201 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX018841.D
 Acq: 08 Oct 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9DL

Tot Ion:	180	Resp:	32027
Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.6	110.4
145	32.2	26.6	40.0

