

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018018.D
 Acq On : 20 Aug 2020 05:23
 Operator : JC/SP
 Sample : L3694-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:43 AM

Quant Time: Aug 20 06:31:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	434354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	679063	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	677288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	362227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	305013	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.46	113	236951	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.70	98	849251	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.12	95	342002	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	346301	52.706	ug/l	96
3) Chloromethane	1.31	50	296071	49.843	ug/l	100
4) Vinyl Chloride	1.39	62	288792	47.095	ug/l	98
5) Bromomethane	1.62	94	187216	56.320	ug/l	100
6) Chloroethane	1.71	64	164434	50.478	ug/l	99
7) Trichlorofluoromethane	1.92	101	469053	51.569	ug/l	99
8) Diethyl Ether	2.17	74	129809	48.968	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192112	44.908	ug/l	97
10) Methyl Iodide	2.49	142	243000	44.050	ug/l	100
11) Tert butyl alcohol	3.01	59	283161	230.332	ug/l	99
12) 1,1-Dichloroethene	2.36	96	183288	46.816	ug/l	95
13) Acrolein	2.28	56	135096	208.030	ug/l	96
14) Allyl chloride	2.71	41	363052	51.994	ug/l	99
15) Acrylonitrile	3.12	53	743097	276.781	ug/l	99
16) Acetone	2.42	43	657560	262.502	ug/l	99
17) Carbon Disulfide	2.55	76	500921	52.734	ug/l	100
18) Methyl Acetate	2.75	43	296194	46.991	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	852754	56.971	ug/l	99
20) Methylene Chloride	2.84	84	254222	55.084	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	220061	54.676	ug/l	95
22) Diisopropyl ether	3.83	45	850770	58.123	ug/l	96
23) Vinyl Acetate	3.79	43	2556902	228.583	ug/l	99
24) 1,1-Dichloroethane	3.67	63	448623	55.288	ug/l	99
25) 2-Butanone	4.64	43	1019277	268.773	ug/l	97
26) 2,2-Dichloropropane	4.56	77	262874	35.576	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	270872	57.051	ug/l	94
28) Bromochloromethane	4.98	49	198005	47.219	ug/l	98
29) Tetrahydrofuran	5.09	42	653162	277.319	ug/l	99
30) Chloroform	5.18	83	489461	55.187	ug/l	100
31) Cyclohexane	5.55	56	386735	58.775	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	441705	54.899	ug/l	99
36) 1,1-Dichloropropene	5.77	75	307319	54.069	ug/l	99
37) Ethyl Acetate	4.80	43	303825	44.677	ug/l	100
38) Carbon Tetrachloride	5.75	117	398246	54.139	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	369113	50.694	ug/l	94
40) Benzene	6.12	78	939605	54.886	ug/l	99
41) Methacrylonitrile	5.01	41	211012	54.136	ug/l	97
42) 1,2-Dichloroethane	6.17	62	399276	54.908	ug/l	99
43) Isopropyl Acetate	6.42	43	544147	49.567	ug/l	98
44) Trichloroethene	7.19	130	270318	53.247	ug/l	95
45) 1,2-Dichloropropane	7.49	63	273625	55.785	ug/l	100
46) Dibromomethane	7.64	93	189007	55.213	ug/l	98
47) Bromodichloromethane	7.88	83	412926	55.564	ug/l	99
48) Methyl methacrylate	7.75	41	310596	57.071	ug/l	98
49) 1,4-Dioxane	7.71	88	98858	887.273	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2052075	277.629	ug/l	99
52) Toluene	8.77	92	620962	55.442	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412023	52.420	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	407684	49.746	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	284448	55.282	ug/l	95
56) Ethyl methacrylate	9.16	69	412384	56.686	ug/l	97
57) 1,3-Dichloropropane	9.35	76	452333	55.353	ug/l	100
59) 2-Hexanone	9.48	43	1562890	279.049	ug/l	99
60) Dibromochloromethane	9.57	129	355300	55.289	ug/l	97
61) 1,2-Dibromoethane	9.65	107	304292	53.391	ug/l	100
64) Tetrachloroethene	9.32	164	260685	50.400	ug/l	92
65) Chlorobenzene	10.12	112	710348	52.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	301672	53.046	ug/l	98
67) Ethyl Benzene	10.24	91	1234578	55.704	ug/l	100
68) m/p-Xylenes	10.34	106	936467	109.754	ug/l	97
69) o-Xylene	10.68	106	458842	55.767	ug/l	100
70) Stvrene	10.70	104	817370	57.581	ug/l	99
71) Bromoform	10.84	173	272658	53.417	ug/l #	98
73) Isopropylbenzene	11.00	105	1267520	54.365	ug/l	99
74) N-amyl acetate	10.88	43	473540	45.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	432422	53.167	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	408997m	53.094	ug/l	
77) Bromobenzene	11.24	156	349586	54.044	ug/l	96
78) n-propylbenzene	11.34	91	1454859	53.351	ug/l	98
79) 2-Chlorotoluene	11.40	91	899169	54.106	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1101784	53.836	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	136208	46.452	ug/l	97
82) 4-Chlorotoluene	11.49	91	1062804	54.383	ug/l	100
83) tert-Butylbenzene	11.76	119	1077581	55.755	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1118755	52.804	ug/l	100
85) sec-Butylbenzene	11.93	105	1233249	52.860	ug/l	100
86) p-Isopropyltoluene	12.05	119	1137973	52.434	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	622481	52.873	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	621254	53.862	ug/l	99
89) n-Butylbenzene	12.37	91	960043	53.448	ug/l	99
90) Hexachloroethane	12.58	117	233790	54.164	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	587924	54.095	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106845	51.571	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	386040	53.993	ug/l	96

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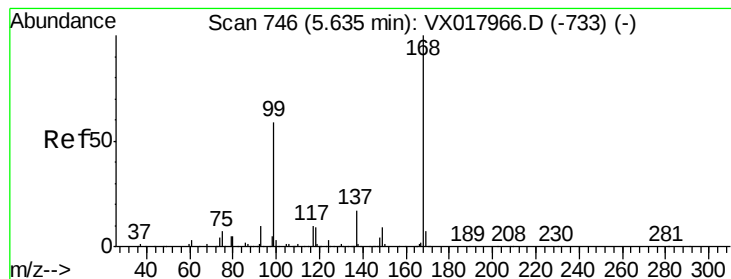
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	152331	49.923	ug/l	95
95) Naphthalene	13.82	128	1272191	56.368	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	379644	52.217	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion:168 Resp: 434354

Ion Ratio Lower Upper

168 100

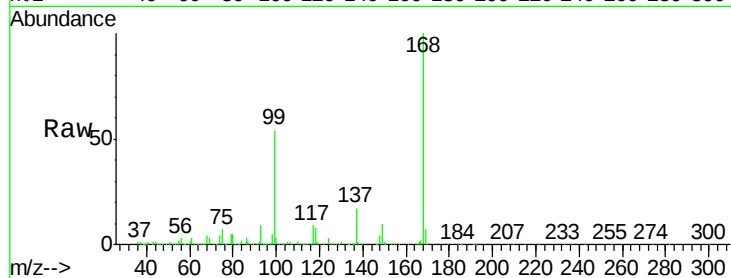
99 53.5 47.4 71.2

Manual Integrations

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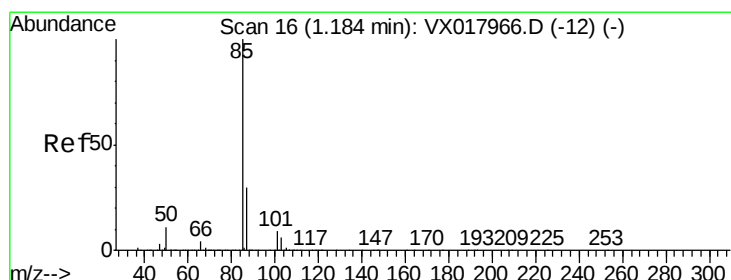
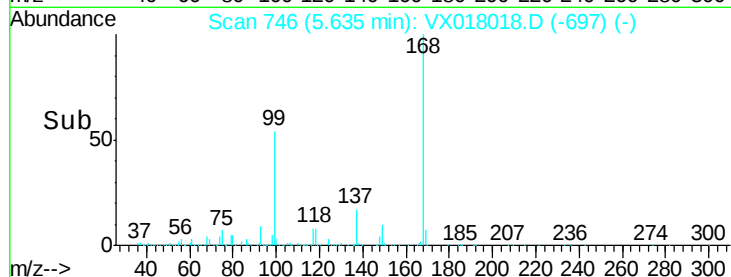
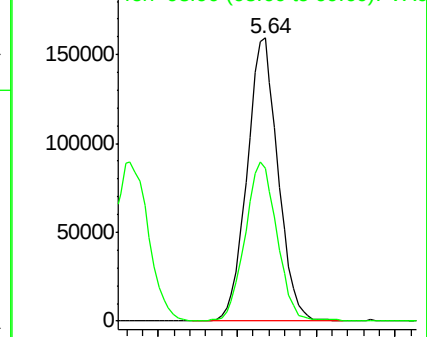
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.706 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018018.D

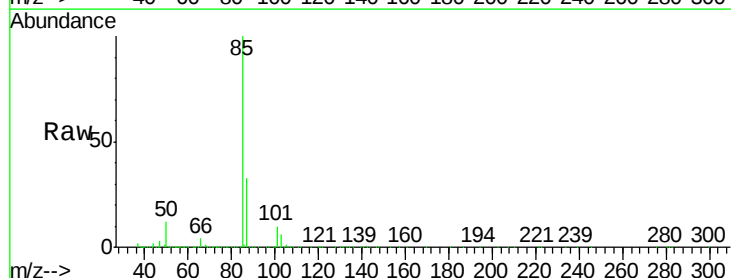
Acq: 20 Aug 2020 05:23

Tgt Ion: 85 Resp: 346301

Ion Ratio Lower Upper

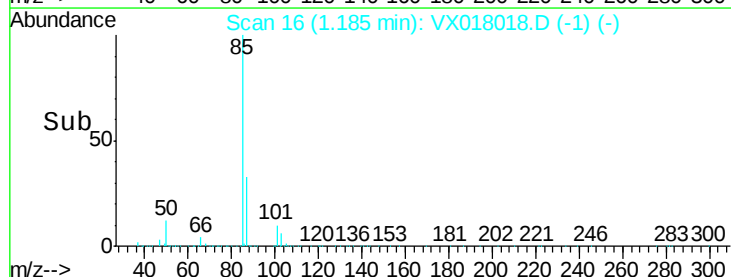
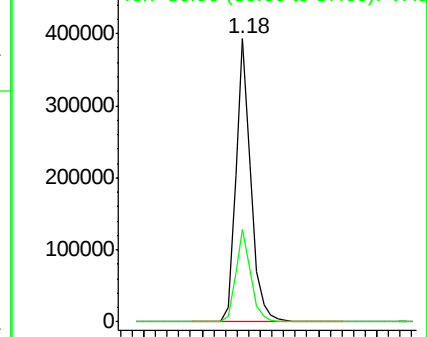
85 100

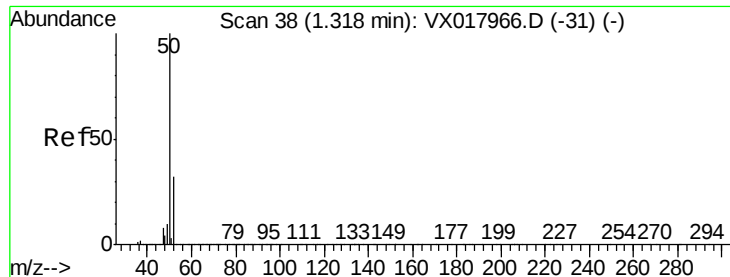
87 33.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.843 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 50 Resp: 296071

Ion Ratio Lower Upper

50 100

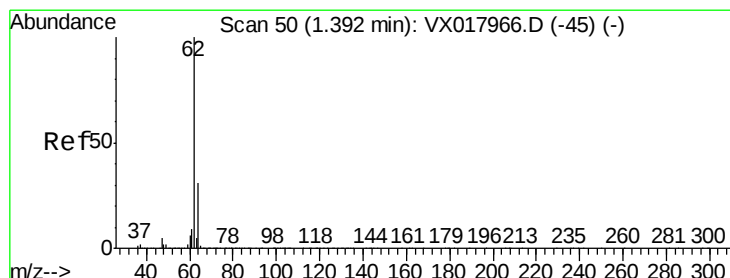
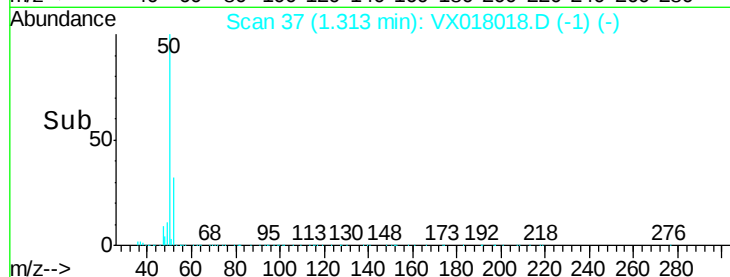
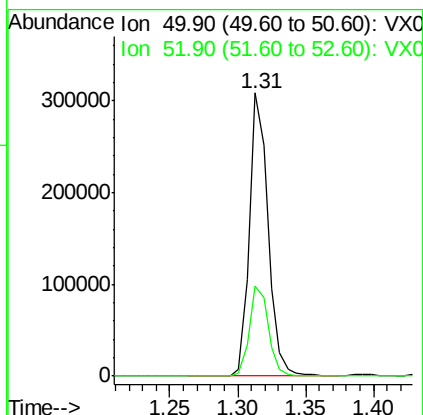
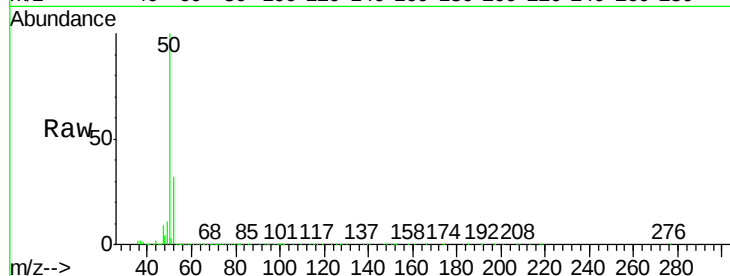
52 31.9 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.095 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018018.D

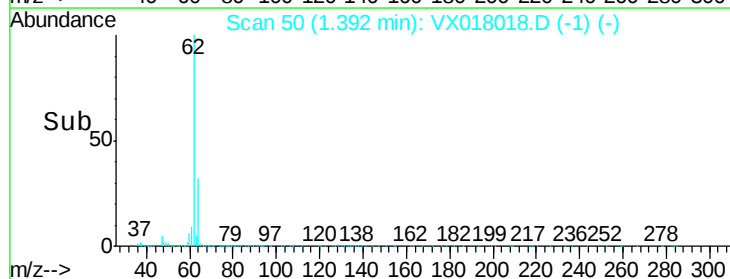
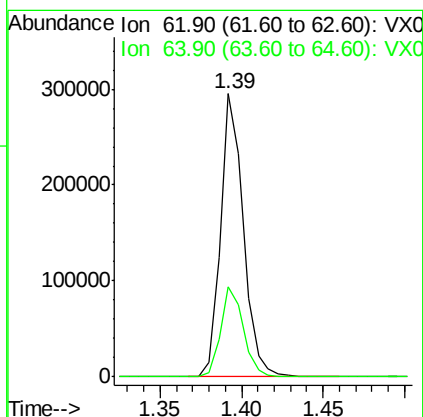
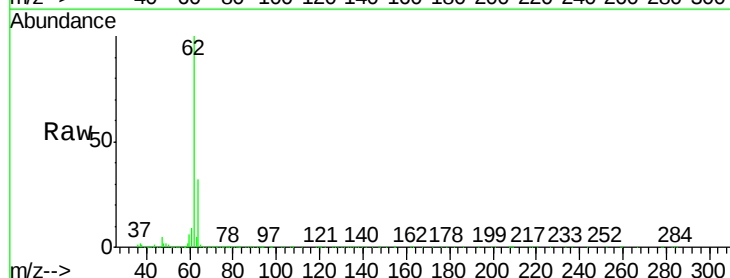
Acq: 20 Aug 2020 05:23

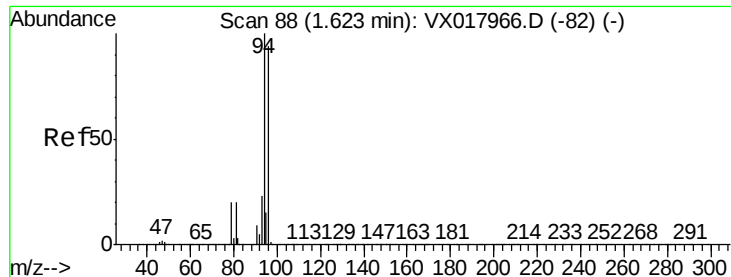
Tgt Ion: 62 Resp: 288792

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 56.320 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

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ClientSampleId :

MW-BR1-081320MS

Tot Ion: 94 Resp: 187216

Ion Ratio Lower Upper

94 100

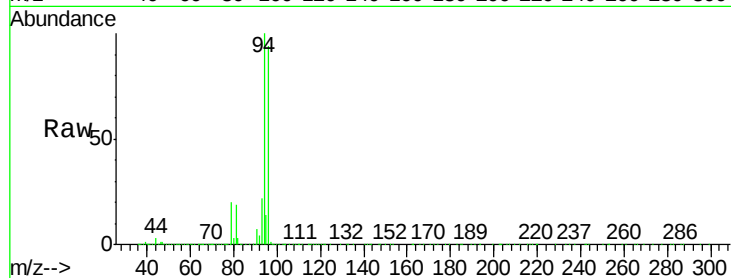
96 94.4 75.5 113.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

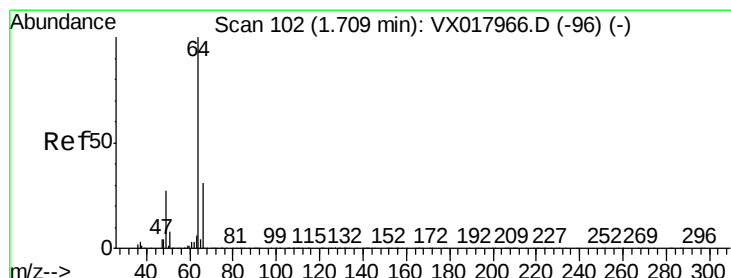
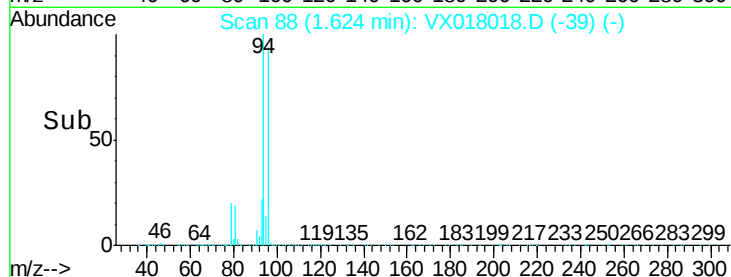
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.478 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018018.D

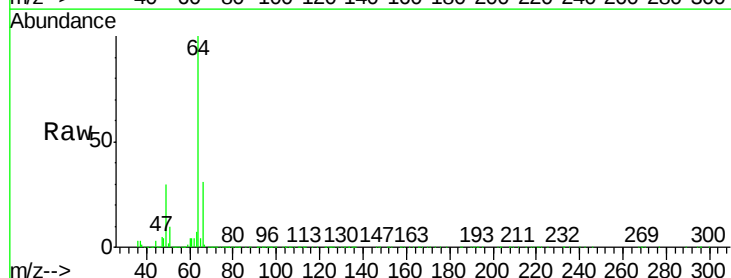
Acq: 20 Aug 2020 05:23

Tgt Ion: 64 Resp: 164434

Ion Ratio Lower Upper

64 100

66 30.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

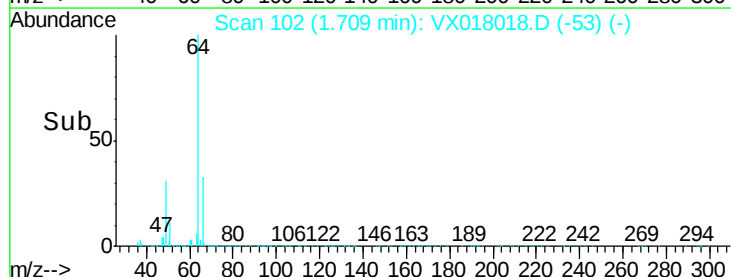
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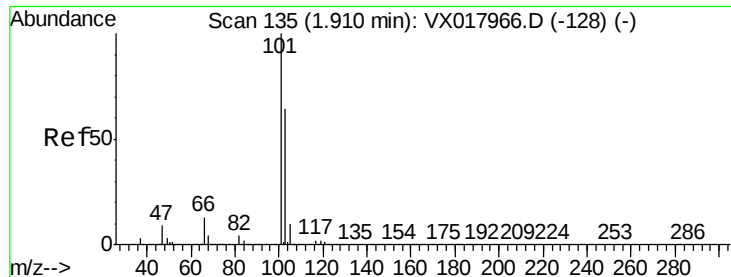
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50000

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Time-->





#7

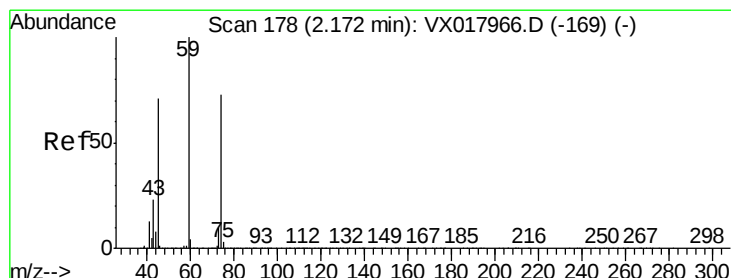
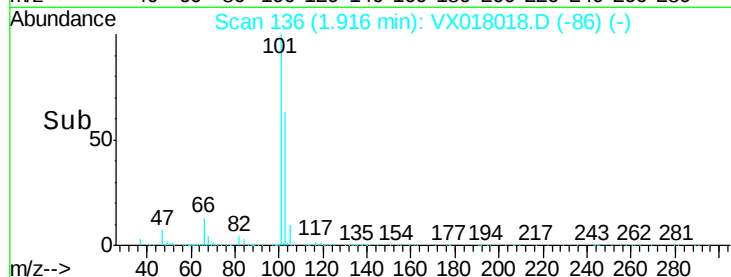
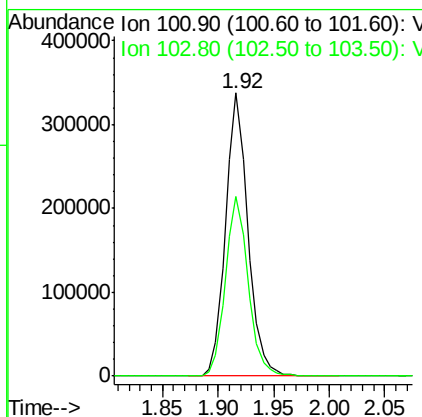
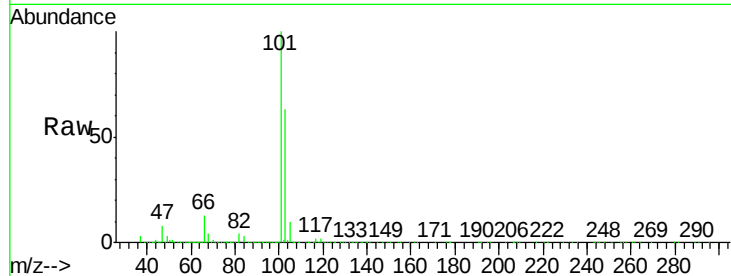
Trichlorofluoromethane
Concen: 51.569 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		469053		
103	63.4	51.2	76.8		

Manual Integrations
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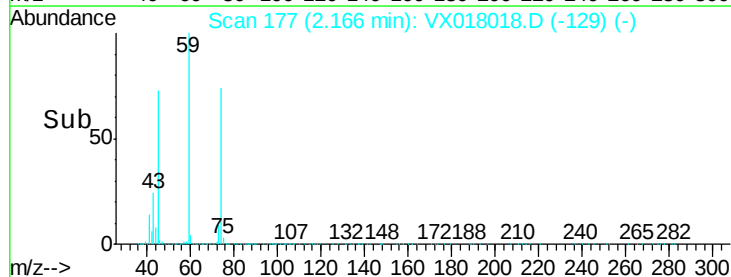
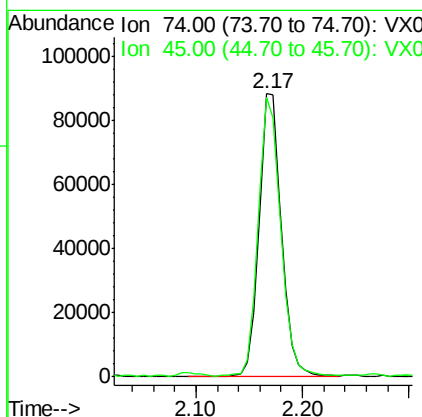
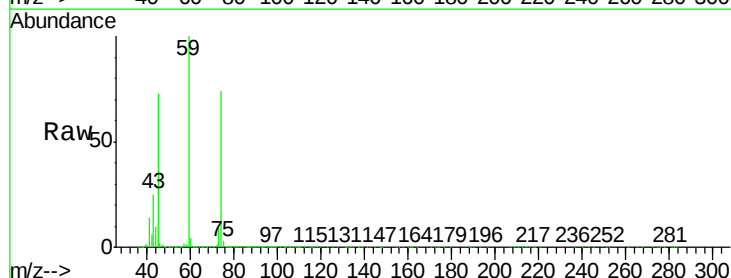
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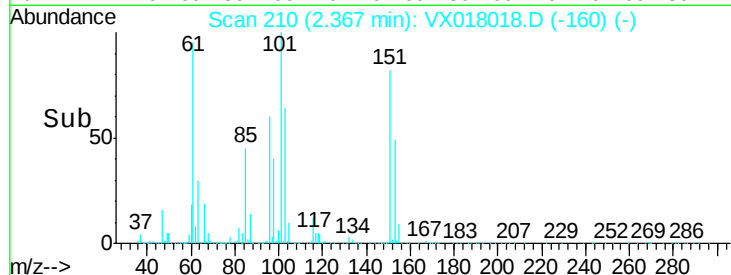
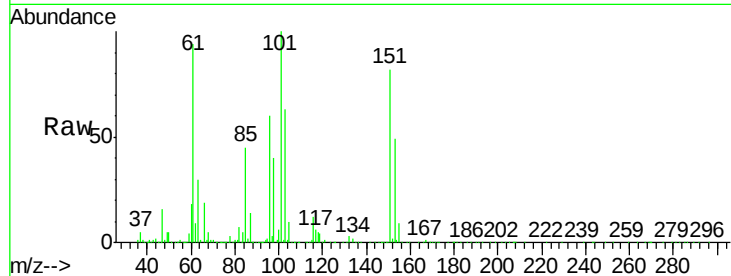
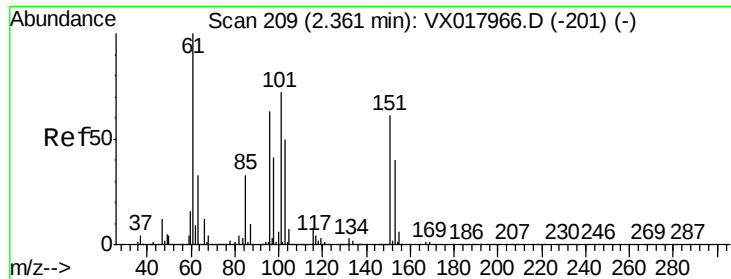


#8

Diethyl Ether
Concen: 48.968 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		129809		
45	98.8	50.5	151.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.908 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018018.D

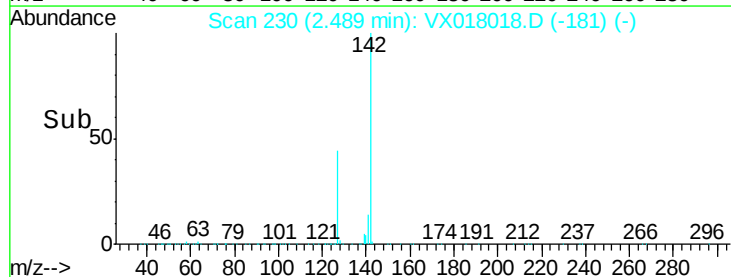
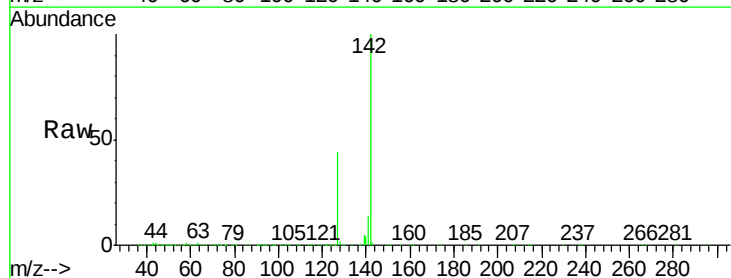
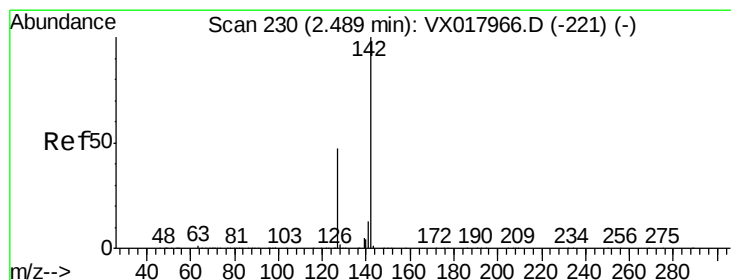
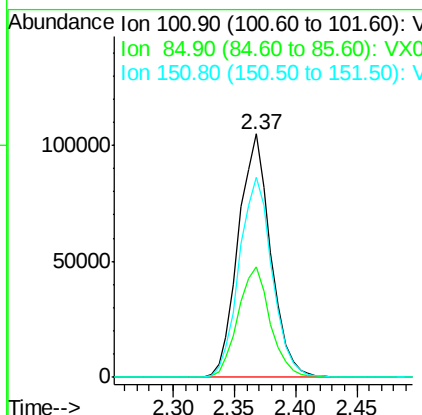
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	45.3	35.4	53.2
151	84.6	65.4	98.0

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#10

Methyl Iodide

Concen: 44.050 ug/l

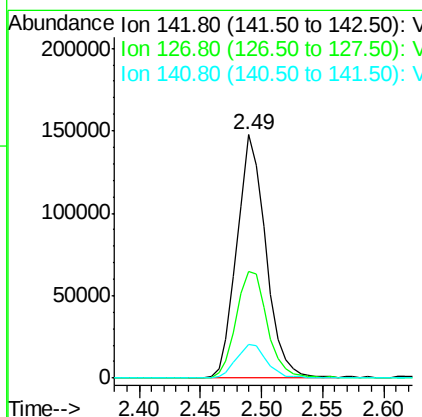
RT: 2.49 min Scan# 230

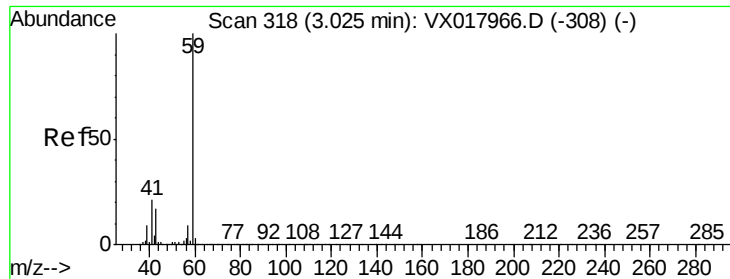
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	47.4	38.0	57.0
141	14.5	11.2	16.8





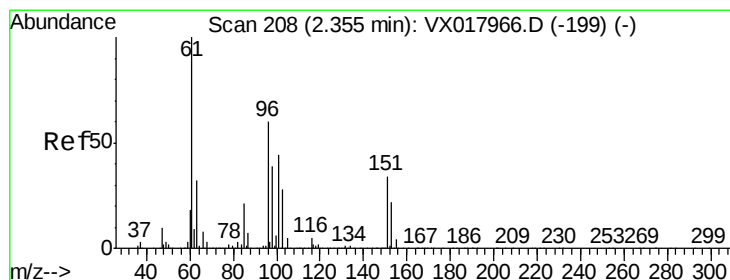
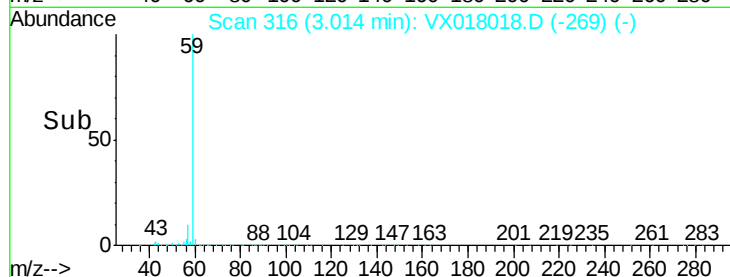
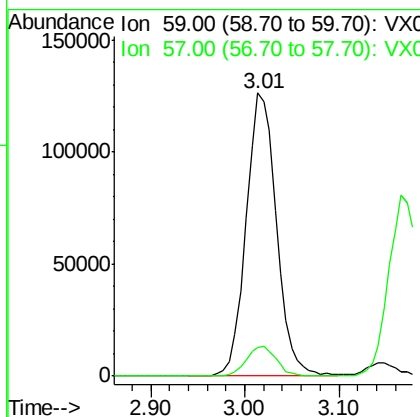
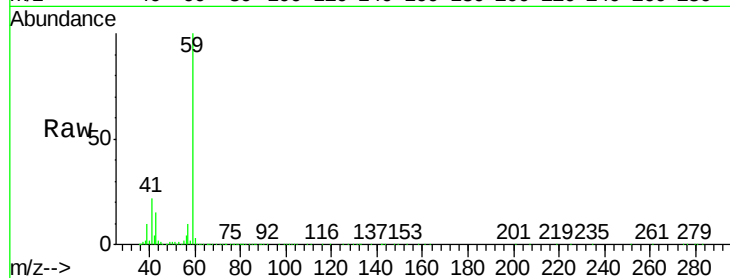
#11
Tert butyl alcohol
Concen: 230.332 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	283161		
57	10.4		8.6	13.0

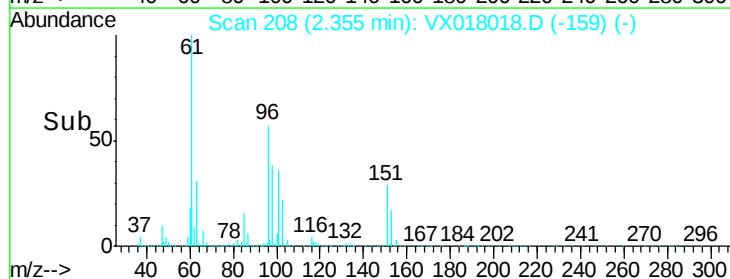
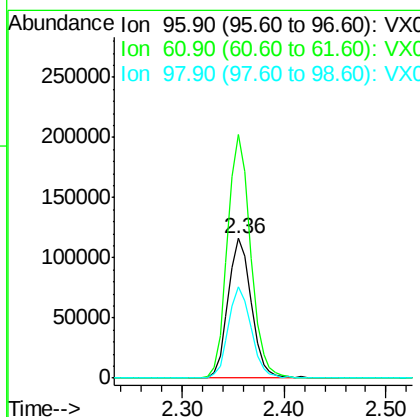
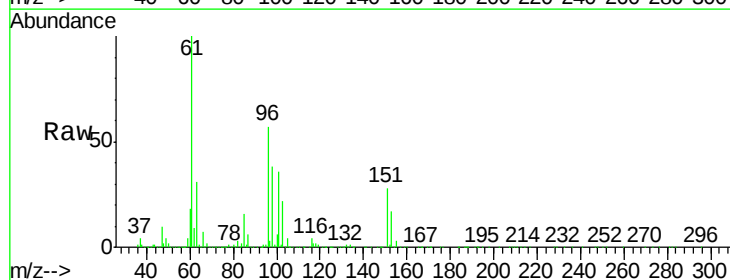
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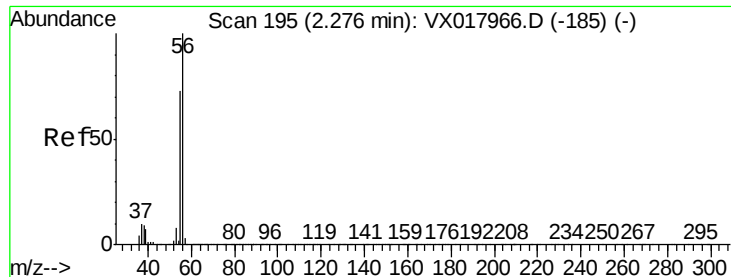
MMDadoda
8/20/2020 9:17:43 AM



#12
1,1-Dichloroethene
Concen: 46.816 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	183288		
61	174.5		132.9	199.3
98	65.7		51.6	77.4





#13

Acrolein

Concen: 208.030 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 56 Resp: 135096

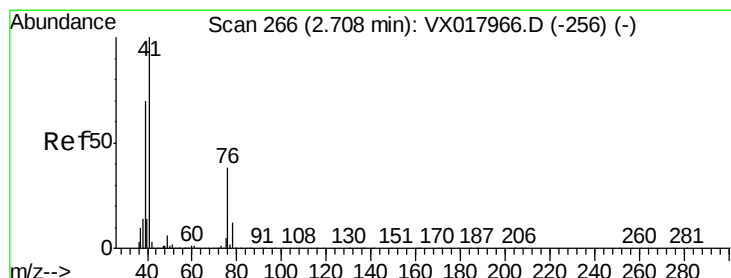
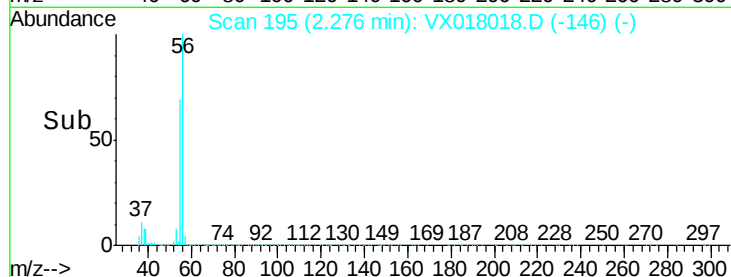
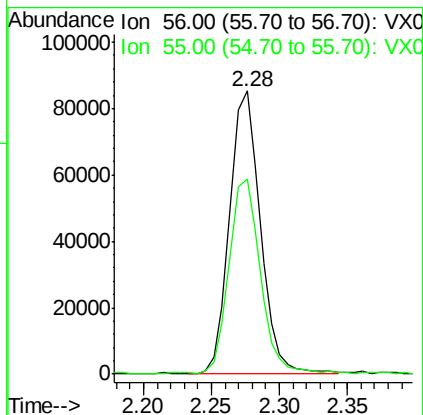
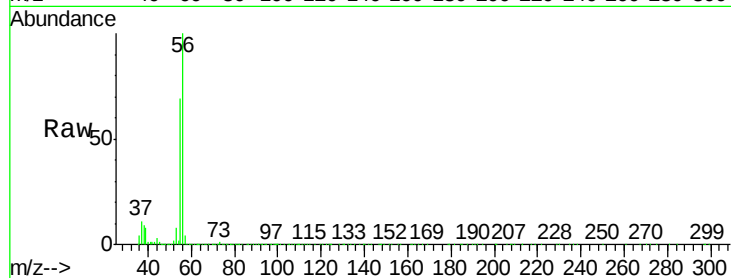
Ion Ratio Lower Upper

56 100

55 69.7 58.2 87.4

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#14

Allyl chloride

Concen: 51.994 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

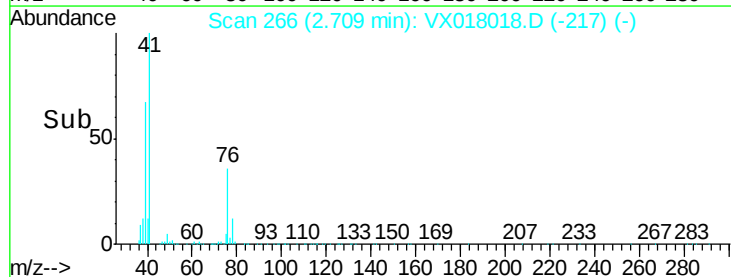
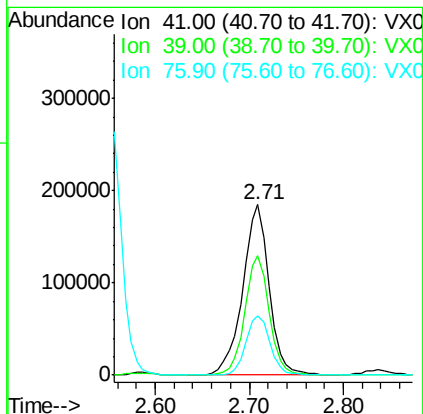
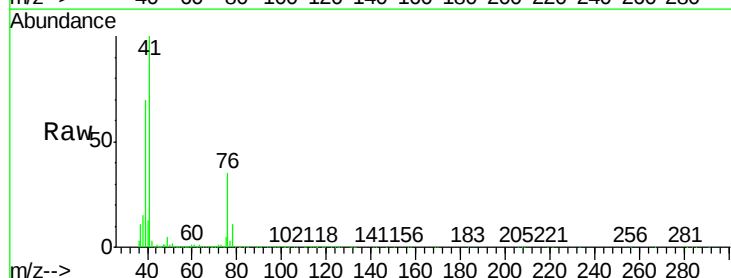
Tgt Ion: 41 Resp: 363052

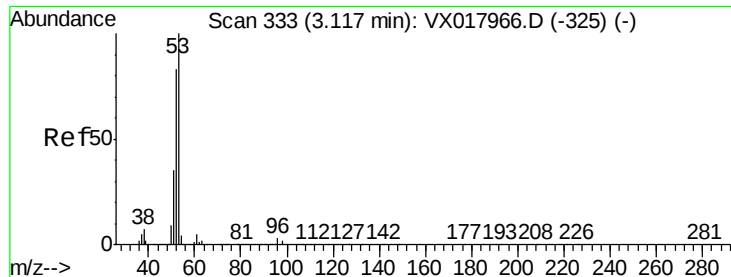
Ion Ratio Lower Upper

41 100

39 64.4 51.7 77.5

76 32.1 26.3 39.5





#15

Acrylonitrile

Concen: 276.781 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

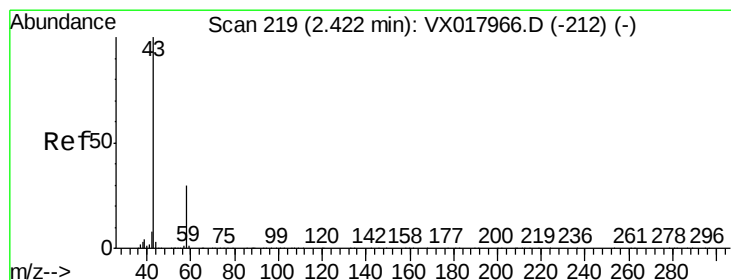
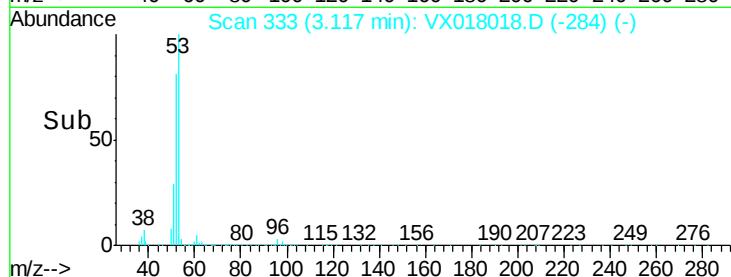
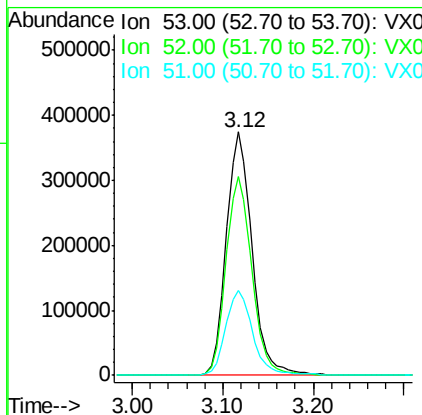
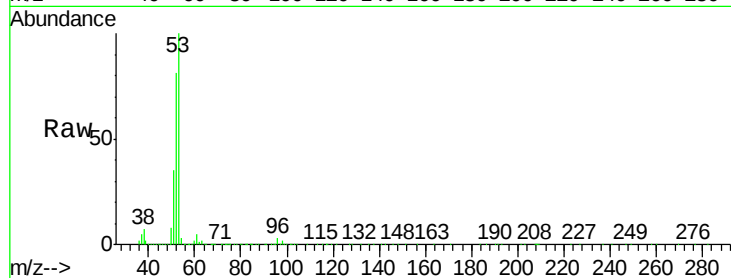
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	53	Resp:	743097
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.1	100.7
51	36.4	29.2	43.8

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#16

Acetone

Concen: 262.502 ug/l

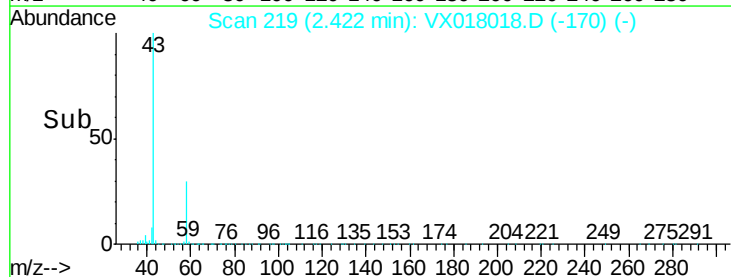
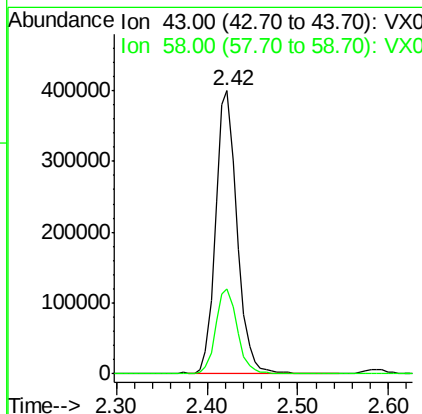
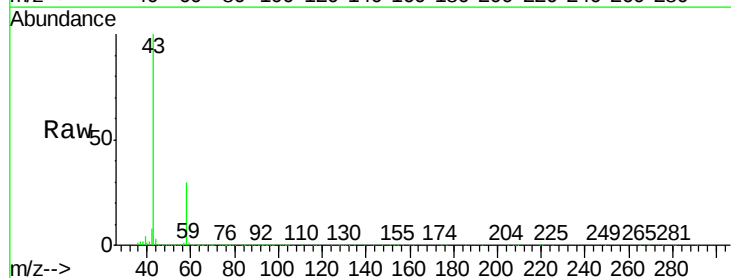
RT: 2.42 min Scan# 219

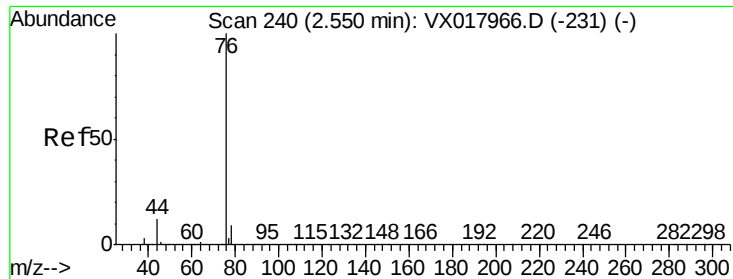
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	43	Resp:	657560
Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.8





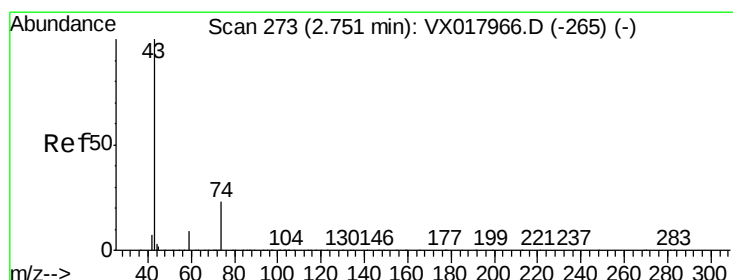
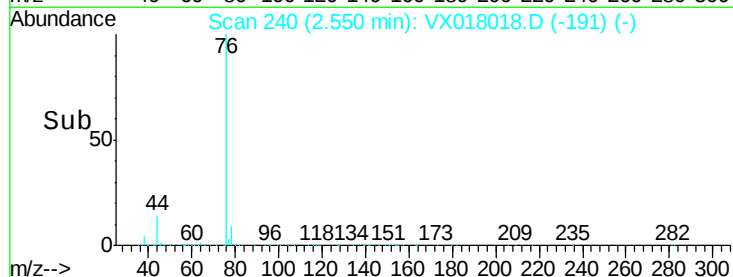
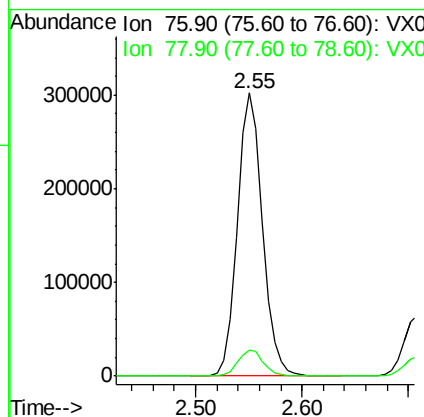
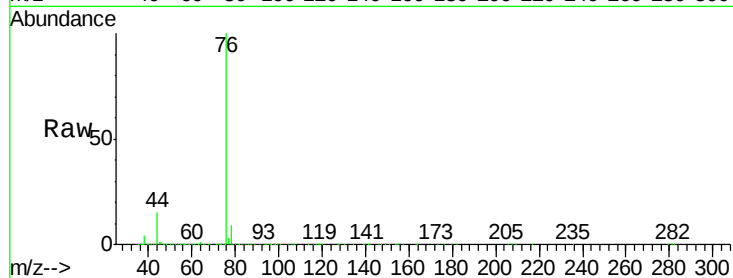
#17
Carbon Disulfide
Concen: 52.734 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

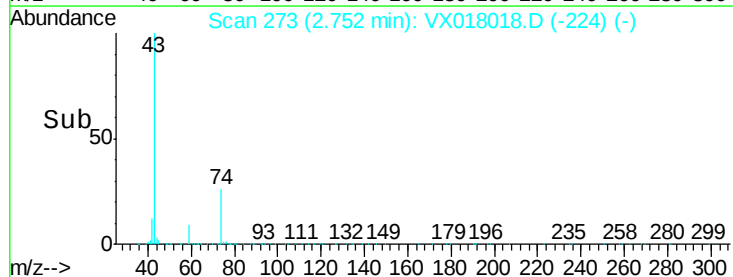
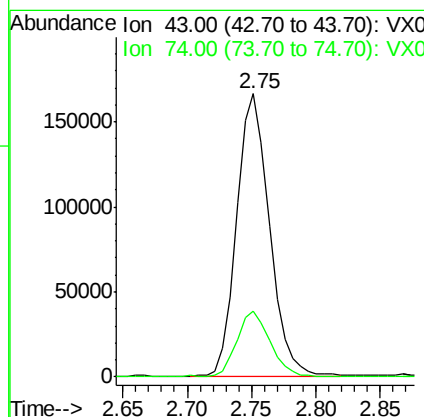
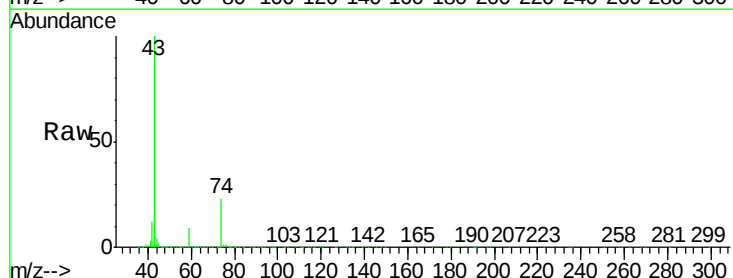
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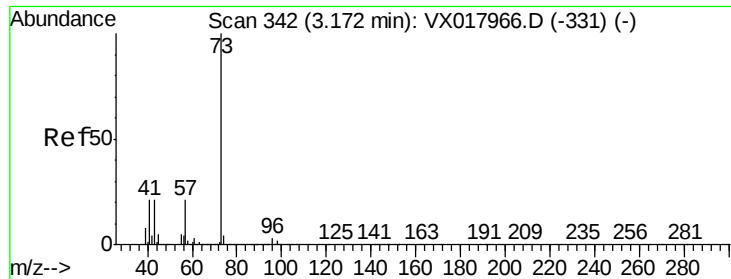
MMDadoda
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#18
Methyl Acetate
Concen: 46.991 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.7	29.5





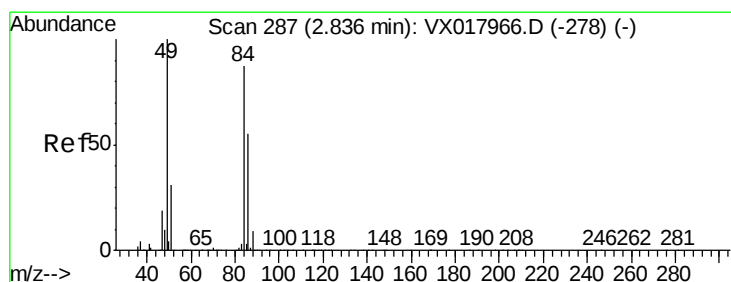
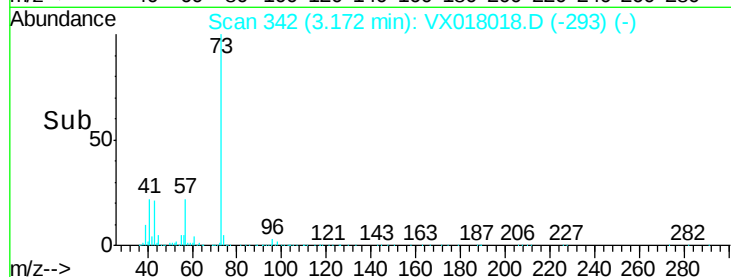
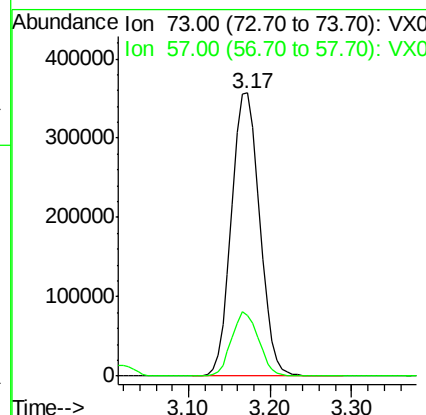
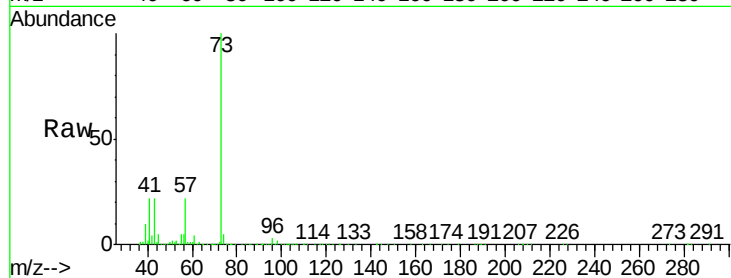
#19
Methvl tert-butvl Ether
Concen: 56.971 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

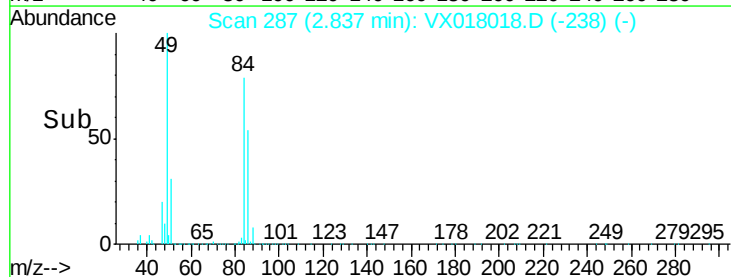
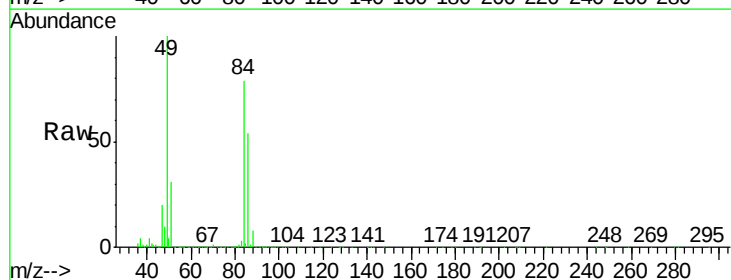
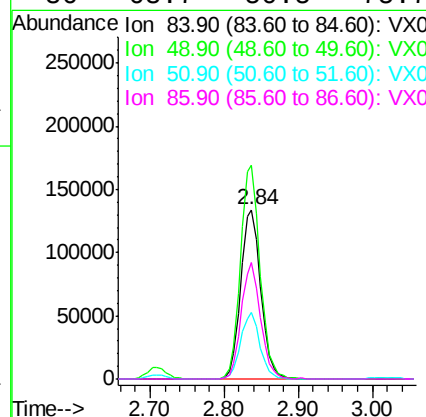
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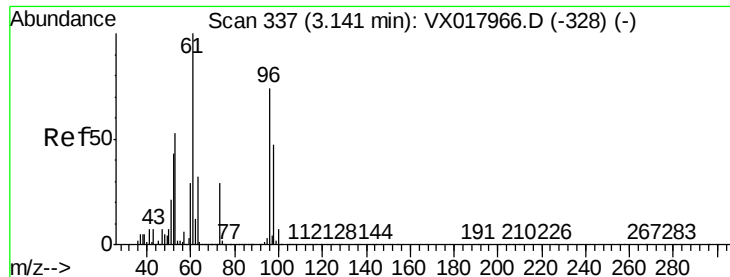
MMDadoda
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#20
Methylene Chloride
Concen: 55.084 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	91.8	137.6
51	39.1	27.8	41.8
86	68.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 54.676 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

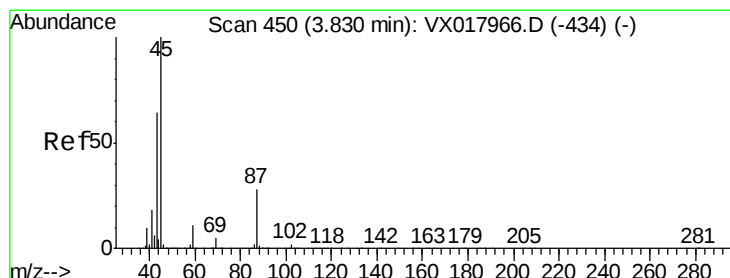
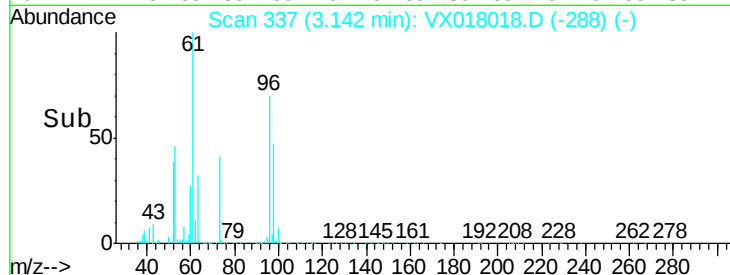
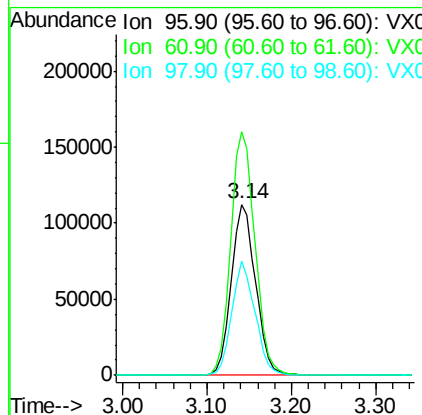
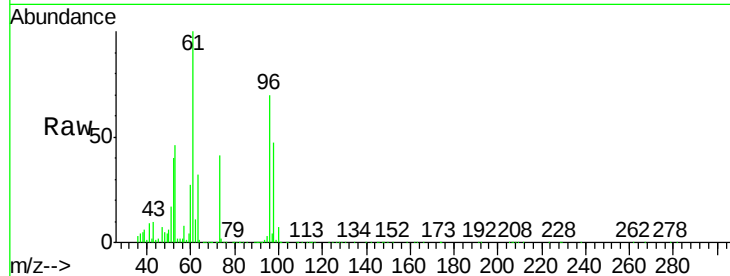
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	96	Resp:	220061
Ion	Ratio	Lower	Upper
96	100		
61	142.5	108.6	163.0
98	66.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 58.123 ug/l

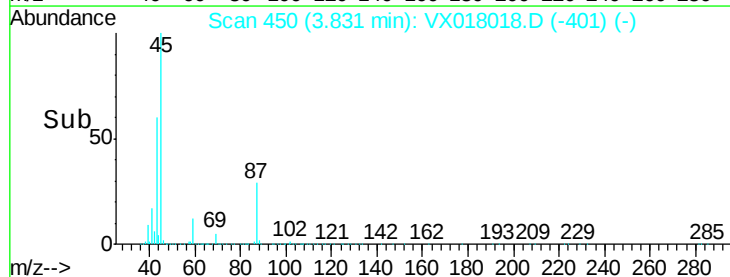
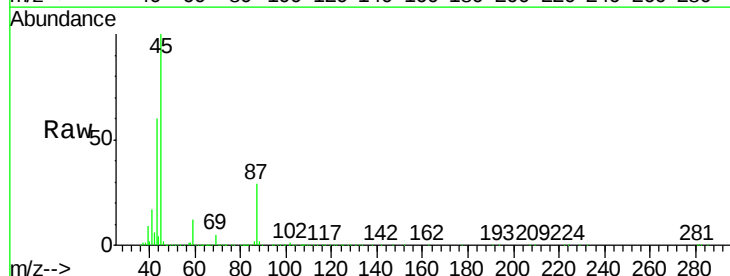
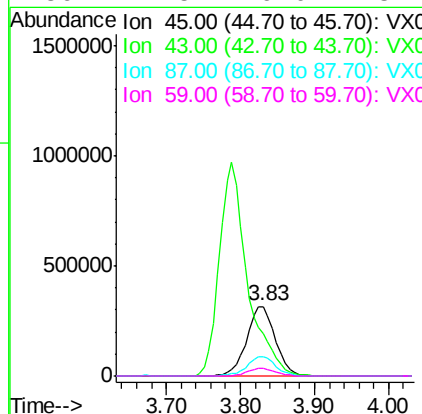
RT: 3.83 min Scan# 450

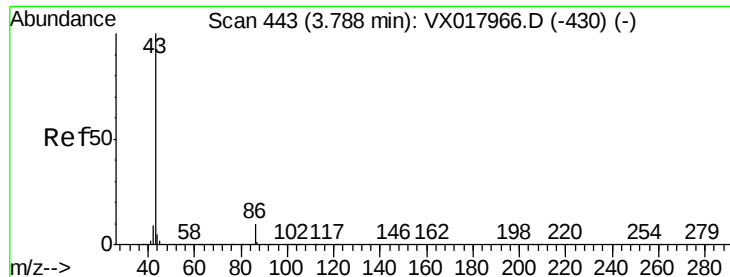
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	45	Resp:	850770
Ion	Ratio	Lower	Upper
45	100		
43	60.0	51.5	77.3
87	28.5	22.6	33.8
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 228.583 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 43 Resp: 2556902

Ion Ratio Lower Upper

43 100

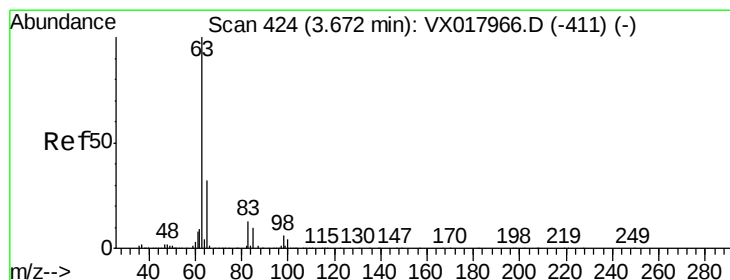
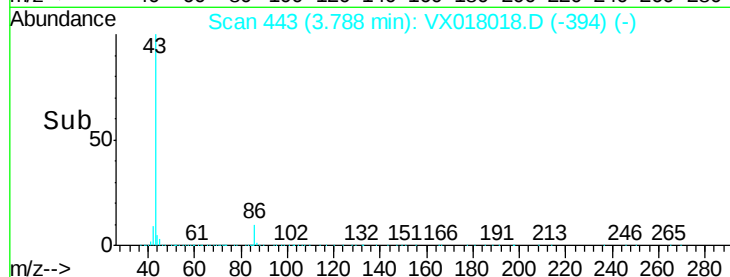
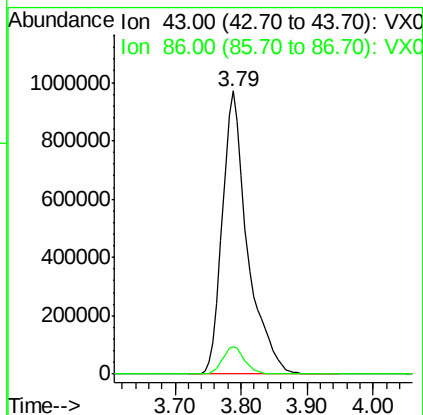
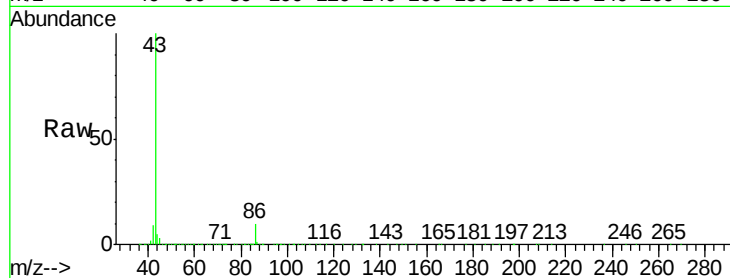
86 9.9 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.288 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

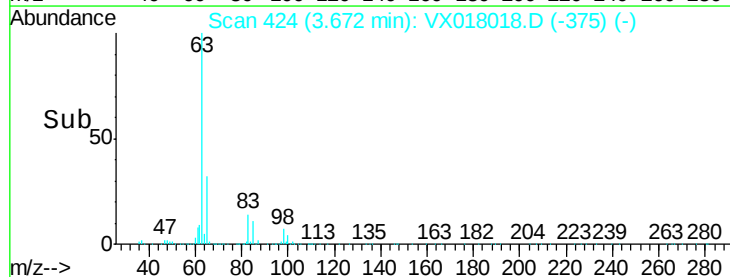
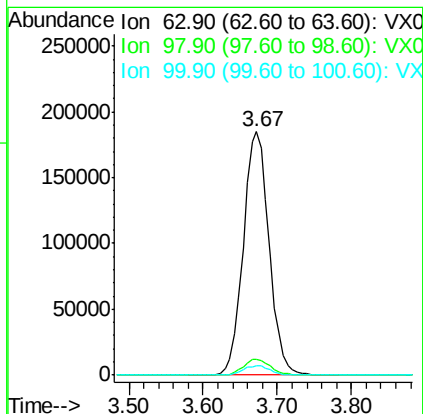
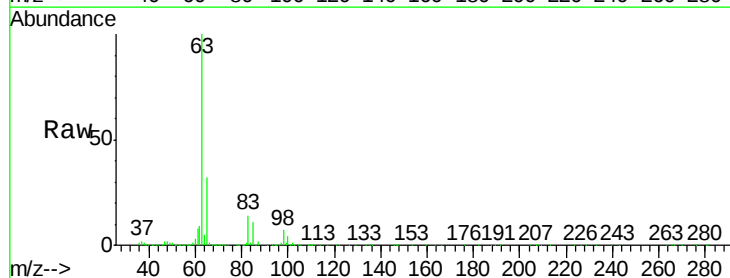
Tgt Ion: 63 Resp: 448623

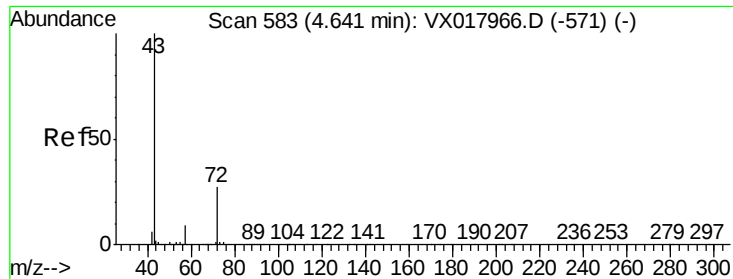
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 3.8 2.0 5.8





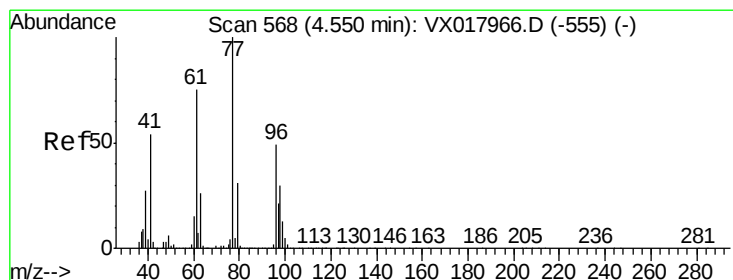
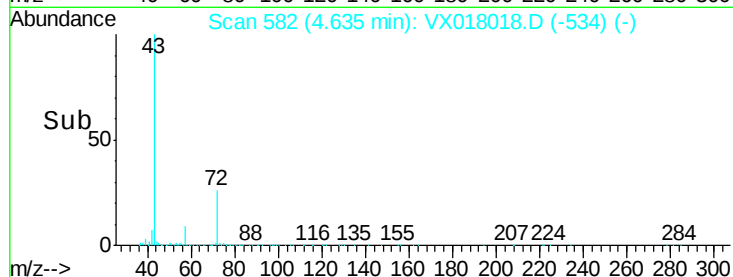
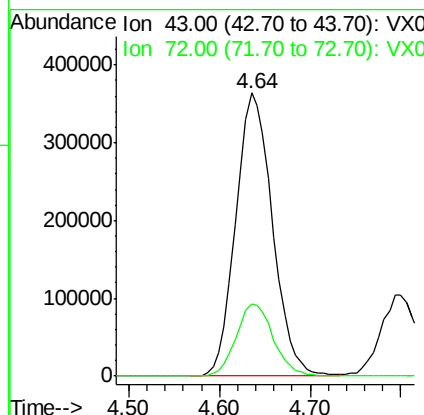
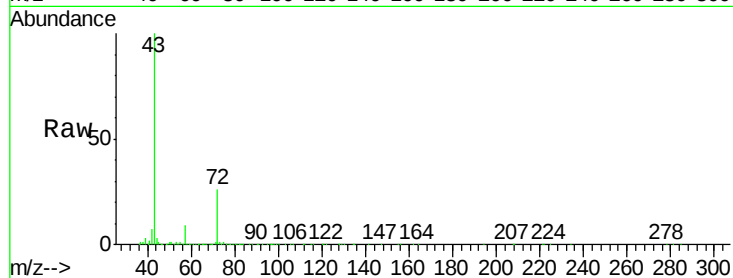
#25
2-Butanone
Concen: 268.773 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion: 43 Resp: 1019277
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2

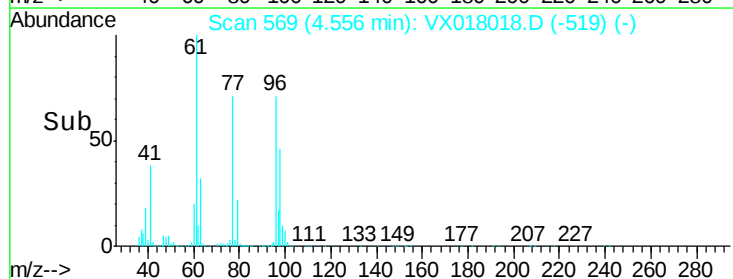
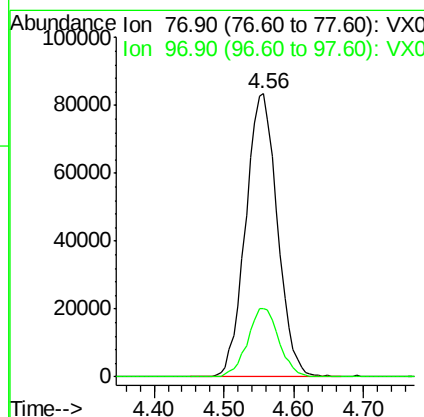
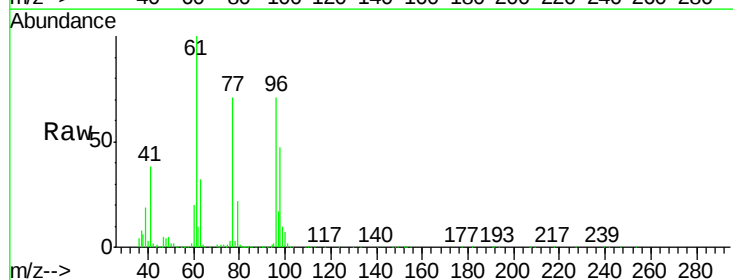
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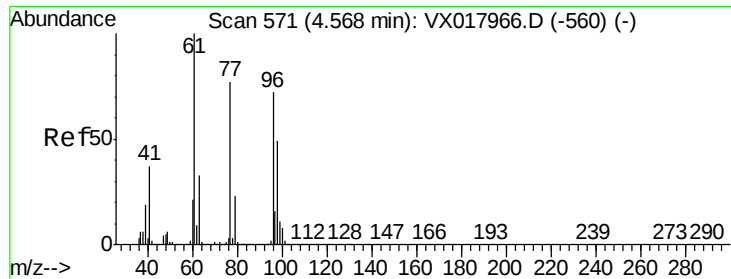
MMDadoda
8/20/2020 9:17:43 AM



#26
2,2-Dichloropropane
Concen: 35.576 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion: 77 Resp: 262874
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

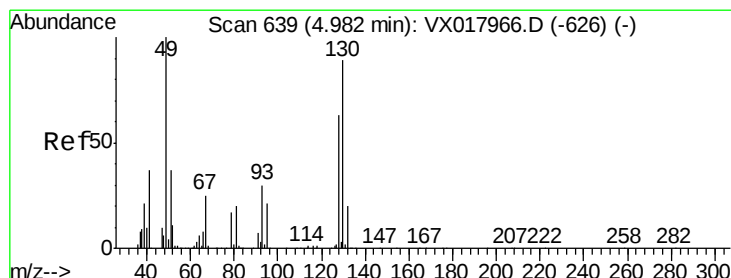
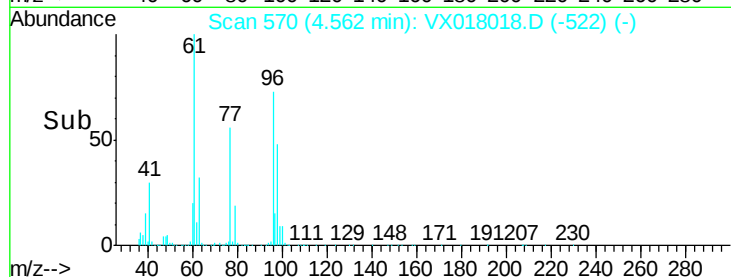
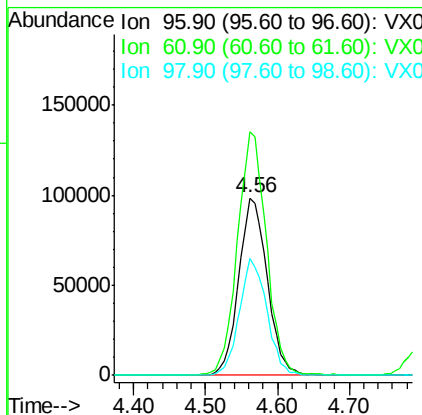
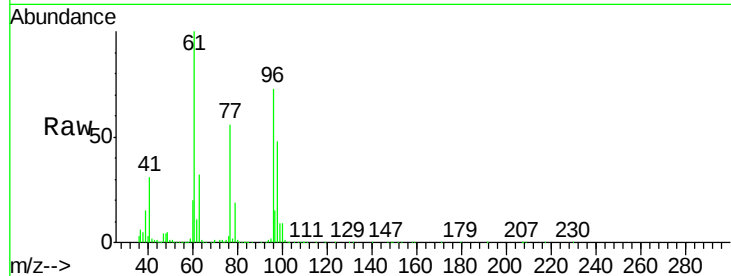
cis-1,2-Dichloroethene
Concen: 57.051 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270872		
61	139.8	0.0	298.8	
98	63.6	0.0	130.2	

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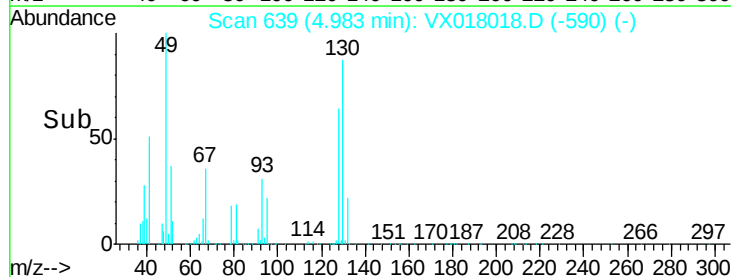
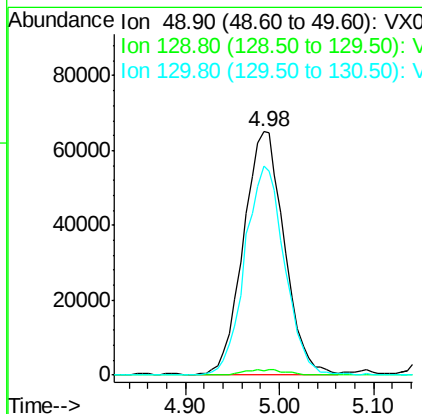
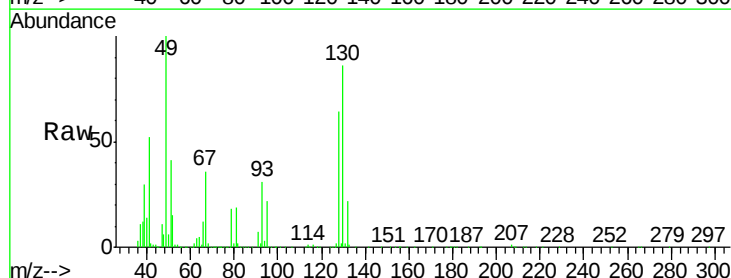
MMDadoda
8/20/2020 9:17:43 AM

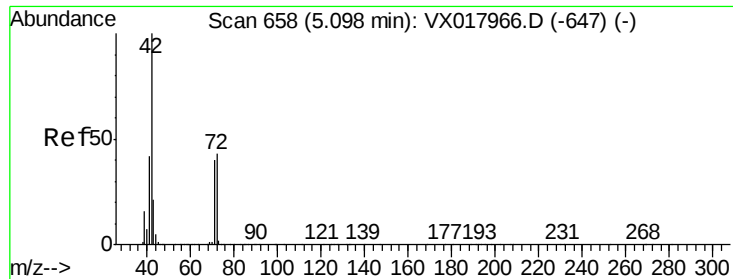


#28

Bromochloromethane
Concen: 47.219 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	198005		
129	1.2	0.0	3.6	
130	83.4	68.5	102.7	





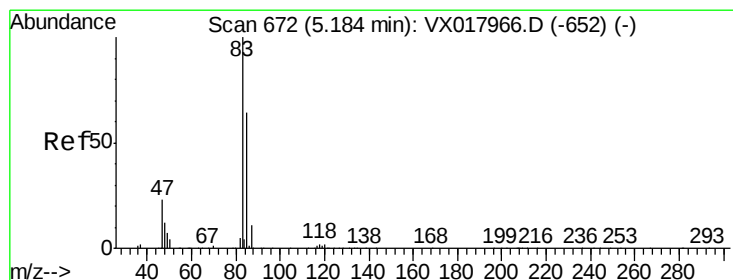
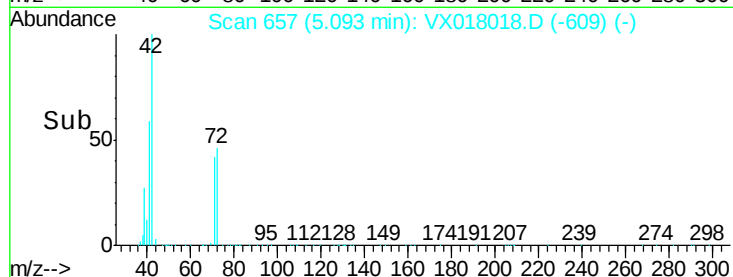
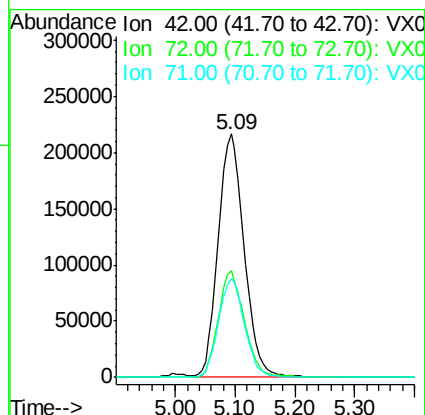
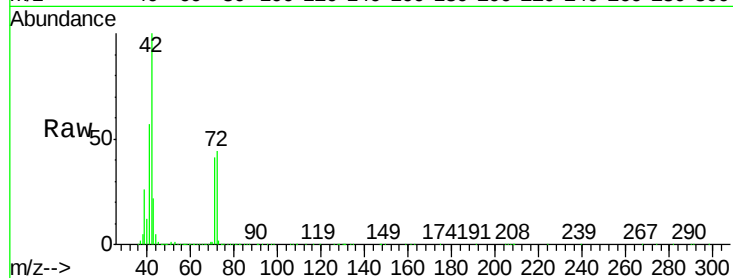
#29
Tetrahydrofuran
Concen: 277.319 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.9	53.9
71	40.7	33.0	49.4

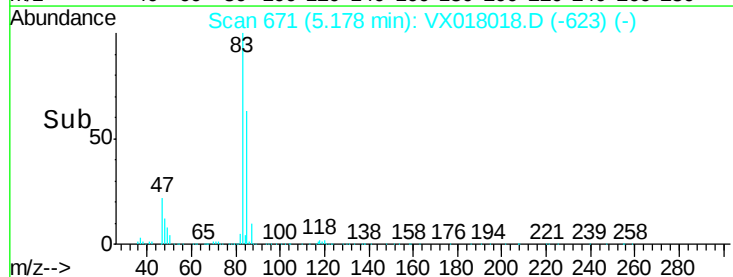
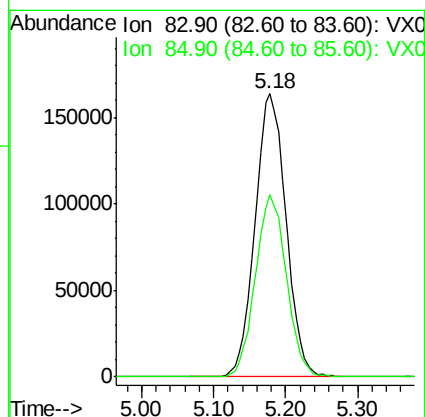
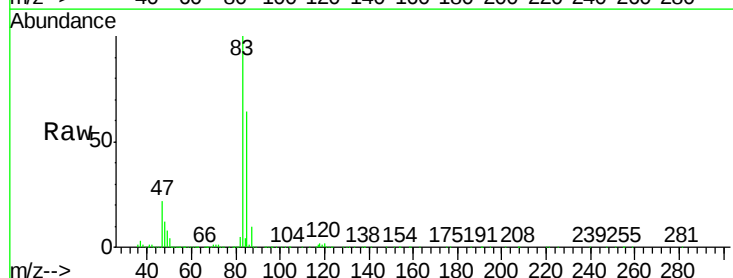
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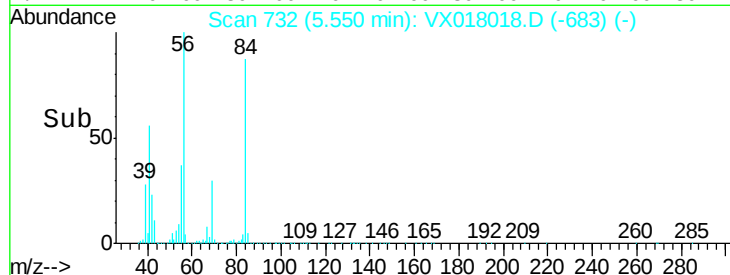
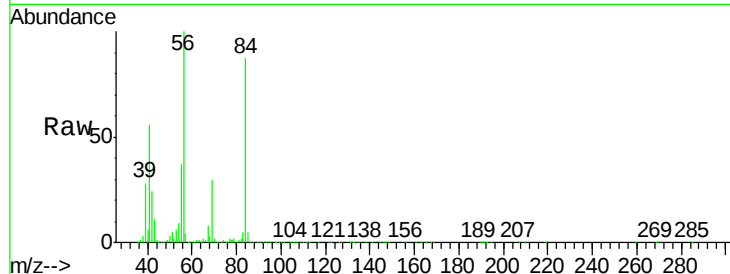
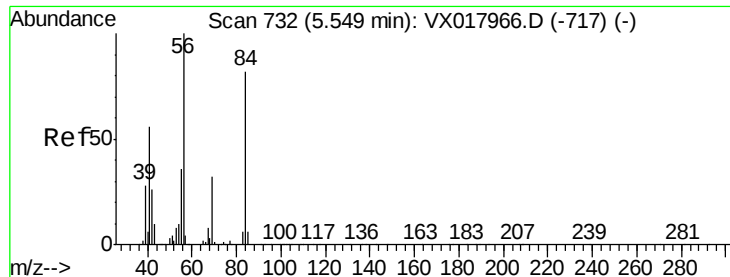
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8/20/2020 9:17:43 AM



#30
Chloroform
Concen: 55.187 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





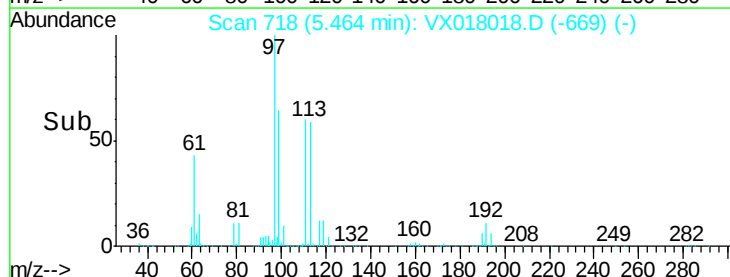
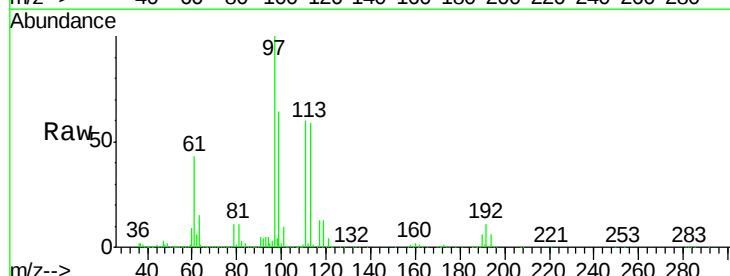
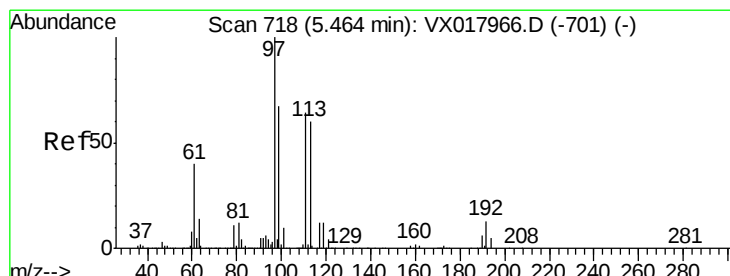
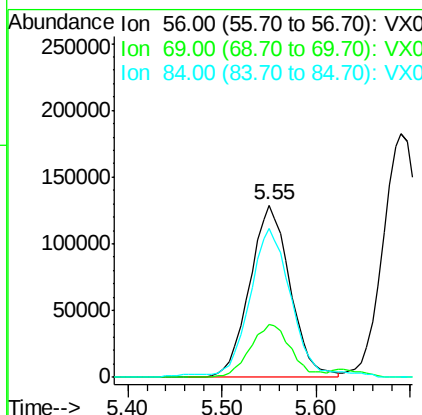
#31
Cyclohexane
Concen: 58.775 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.3	37.9
84	84.4	65.3	97.9

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

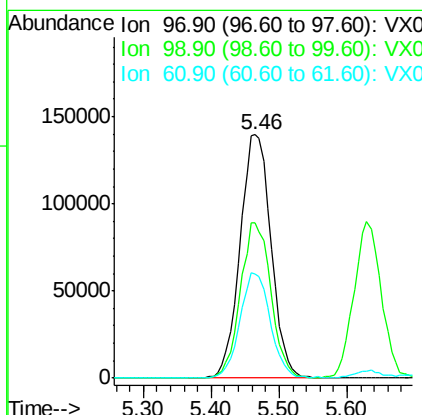
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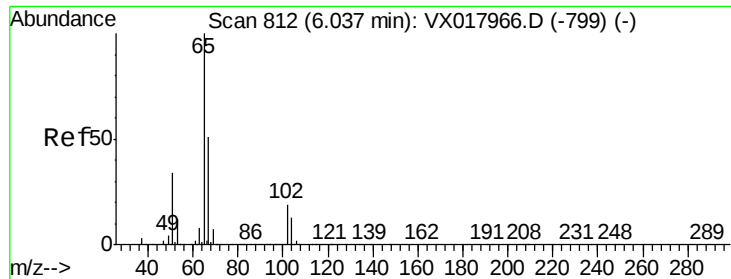
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#32
1,1,1-Trichloroethane
Concen: 54.899 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.0
61	42.5	33.7	50.5





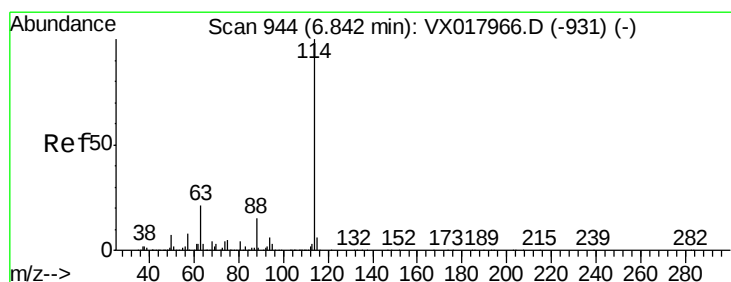
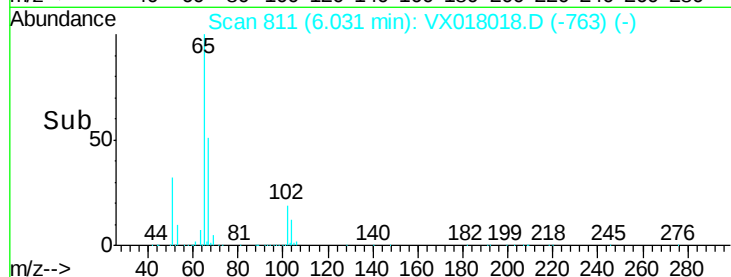
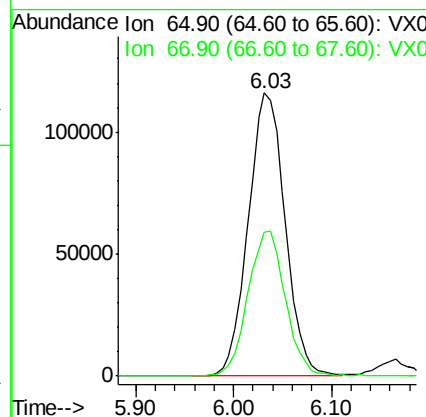
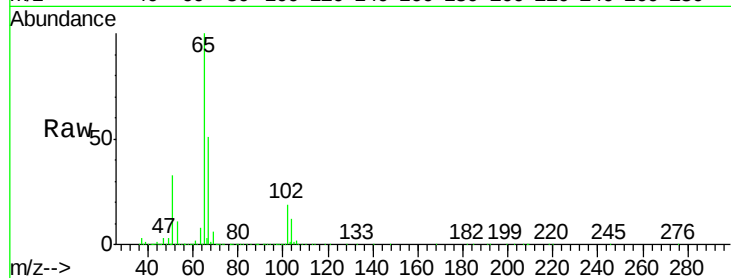
#33
 1,2-Dichloroethane-d4
 Concen: 47.903 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	305013		
67	51.8	0.0	103.0	

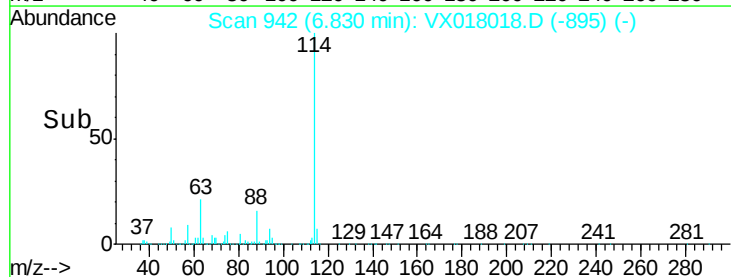
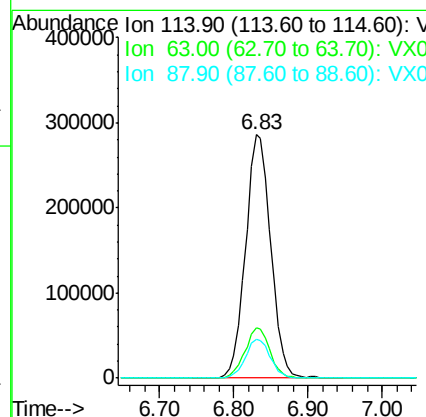
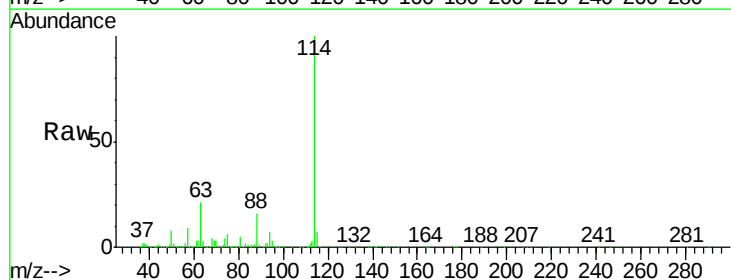
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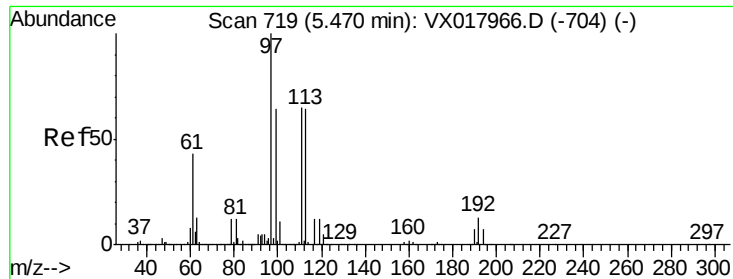
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	679063		
63	20.5	0.0	42.6	
88	15.9	0.0	30.2	





#35

Dibromofluoromethane

Concen: 46.857 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

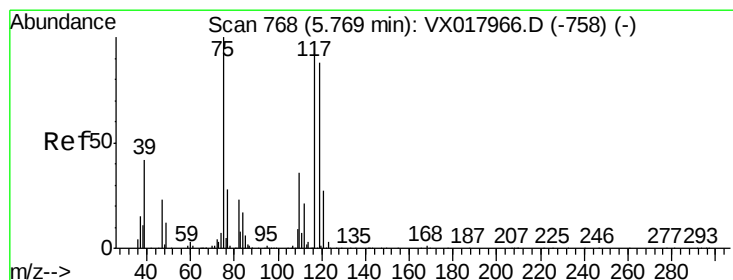
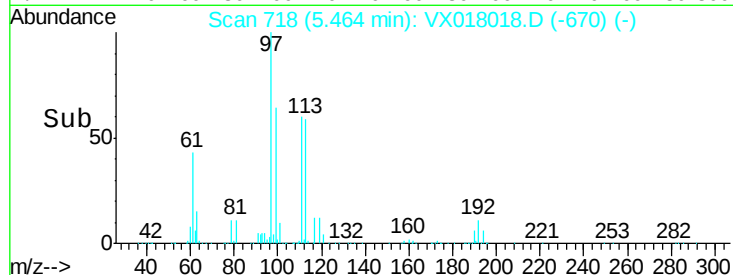
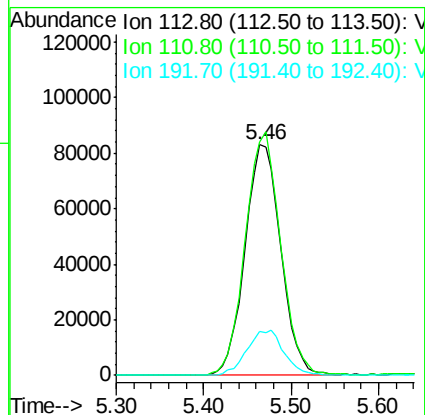
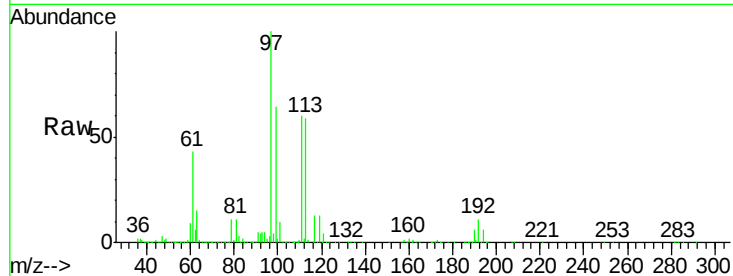
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	113	Resp:	236951
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.5	125.3
192	20.2	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 54.069 ug/l

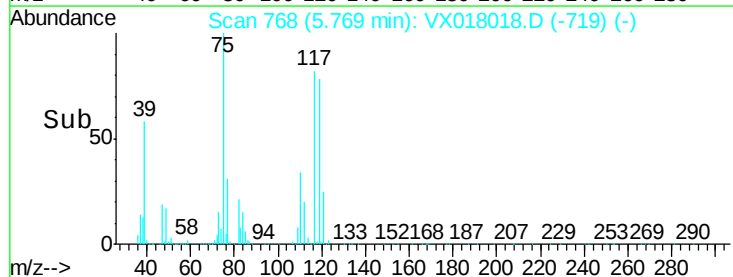
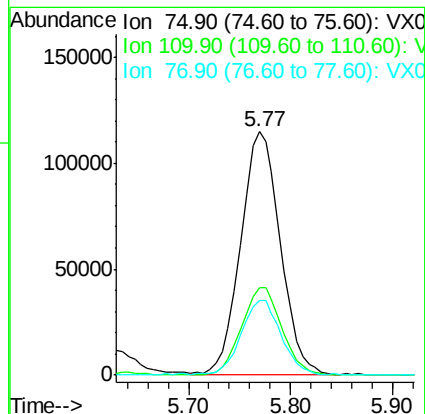
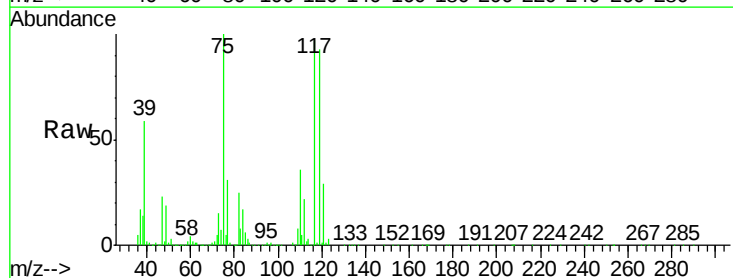
RT: 5.77 min Scan# 768

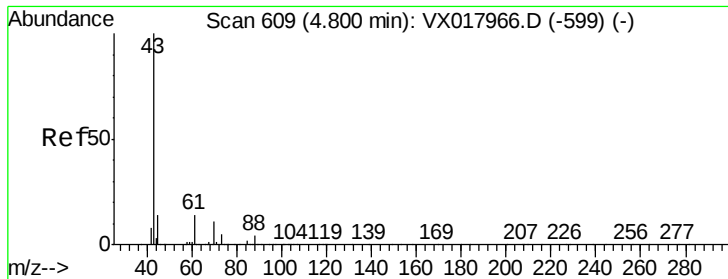
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	75	Resp:	307319
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.7	56.1
77	31.1	24.4	36.6





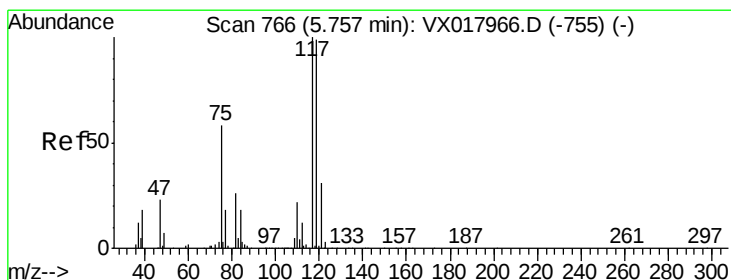
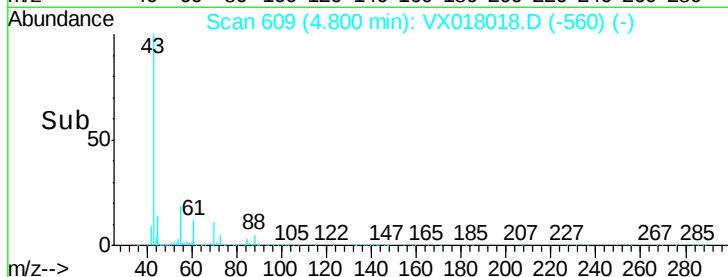
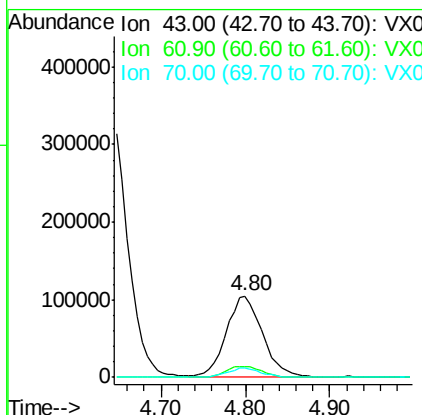
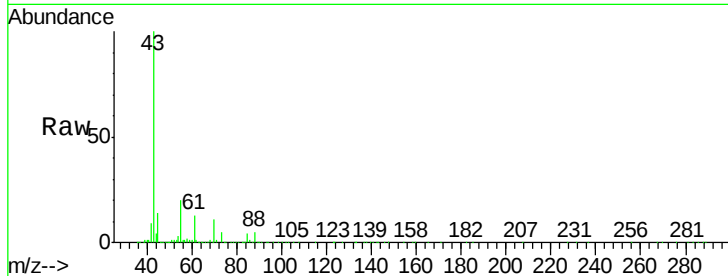
#37
Ethyl Acetate
Concen: 44.677 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	43	Resp	303825
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	10.7	8.5	12.7

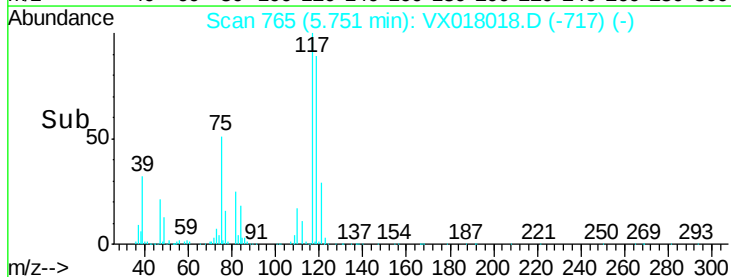
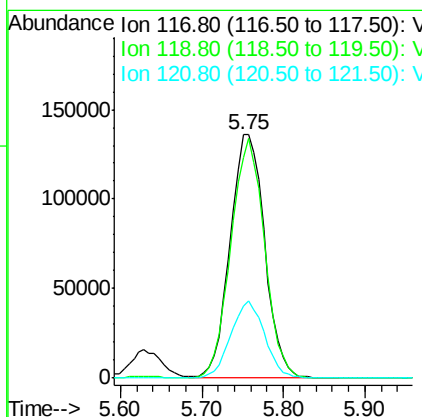
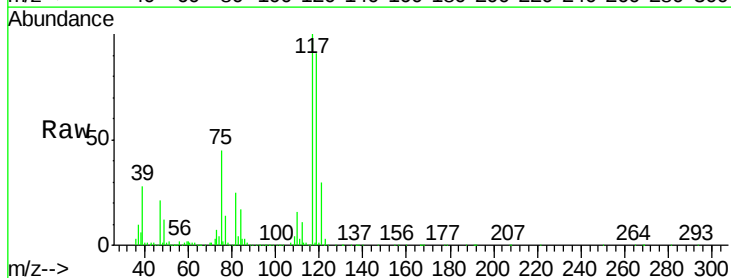
Manual Integrations
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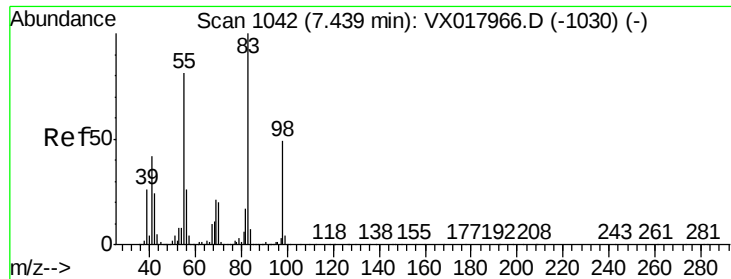
MMDadoda
8/20/2020 9:17:43 AM



#38
Carbon Tetrachloride
Concen: 54.139 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	117	Resp	398246
Ion Ratio	Lower	Upper	
117	100		
119	90.6	79.0	118.6
121	29.7	24.7	37.1





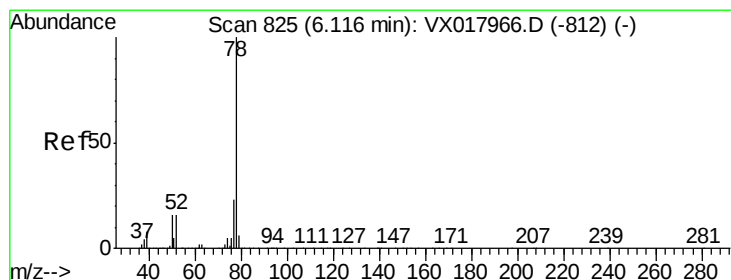
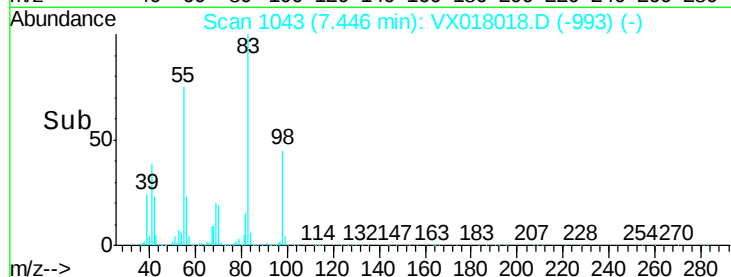
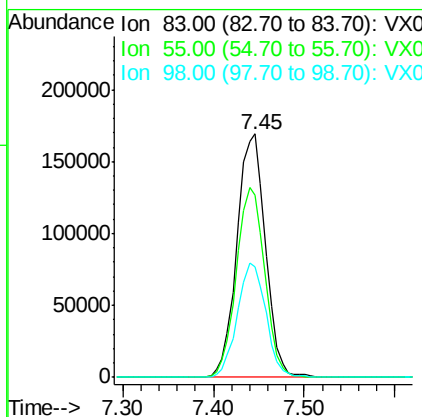
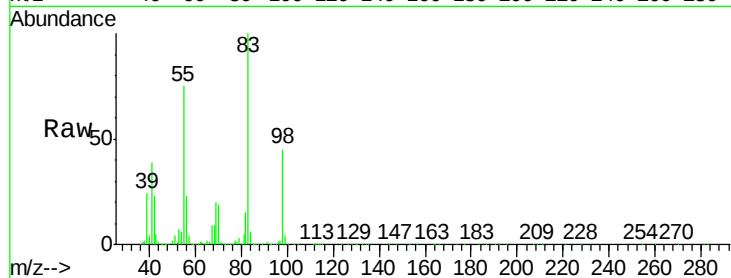
#39
Methvlcvclohexane
Concen: 50.694 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	64.5	96.7
98	45.4	39.0	58.6

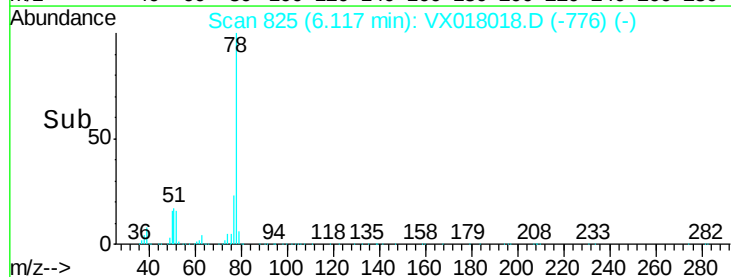
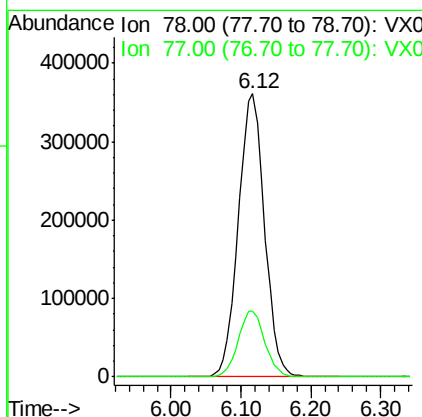
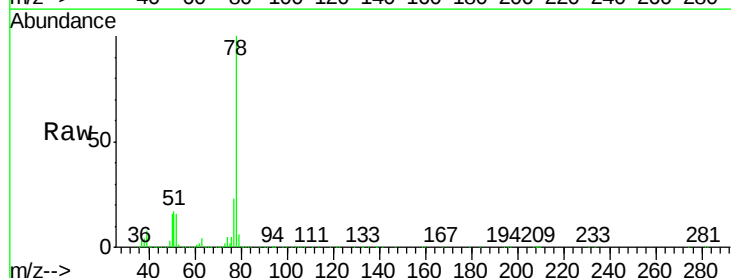
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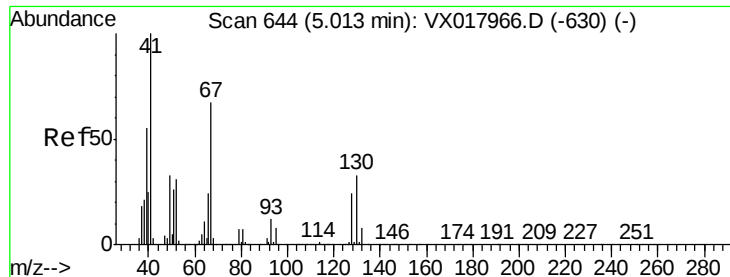
MMDadoda
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#40
Benzene
Concen: 54.886 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





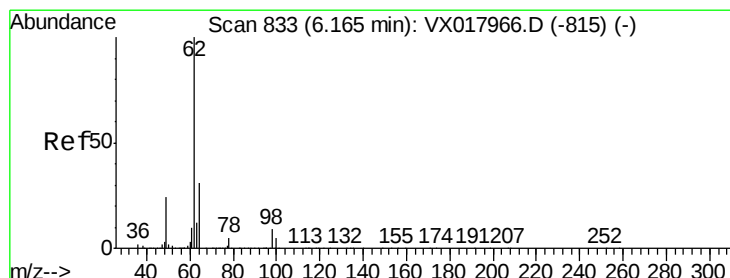
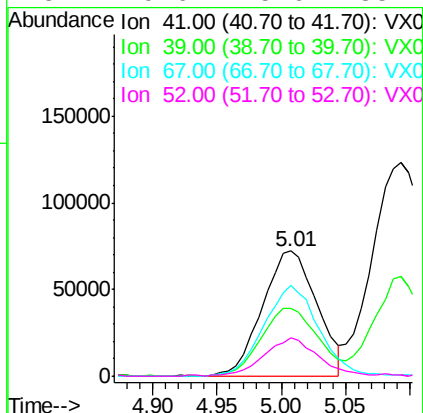
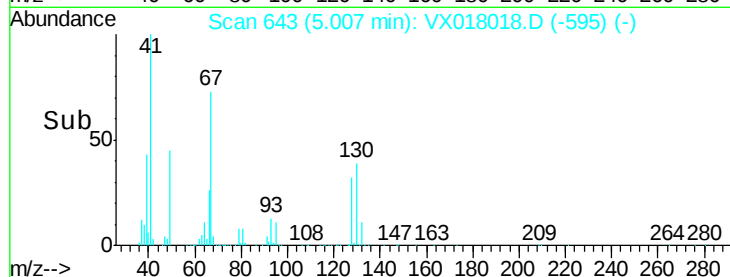
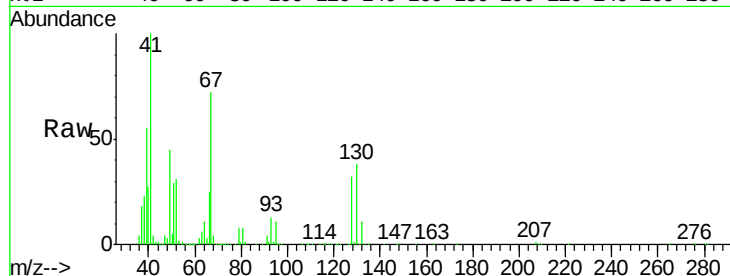
#41
Methacrylonitrile
Concen: 54.136 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		211012		
39	58.0	44.8	67.2		
67	73.7	57.5	86.3		
52	29.6	25.6	38.4		

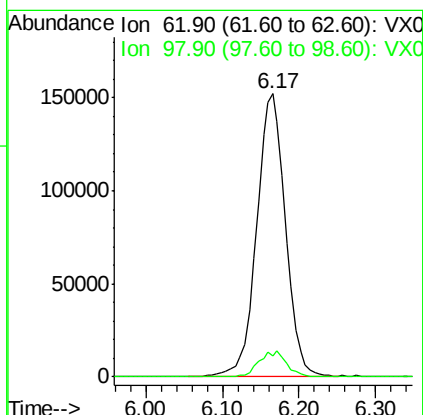
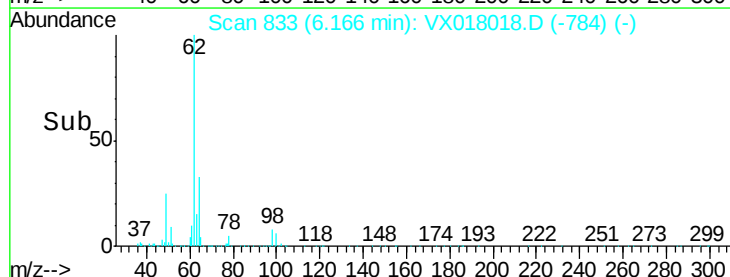
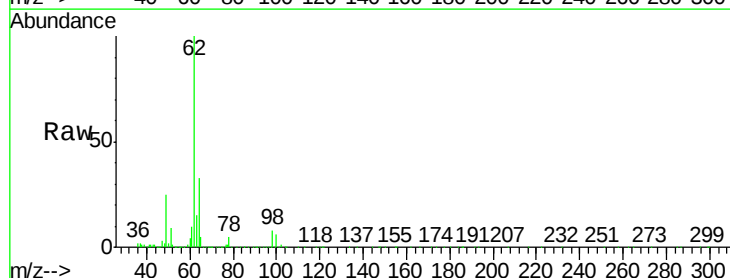
Manual Integrations
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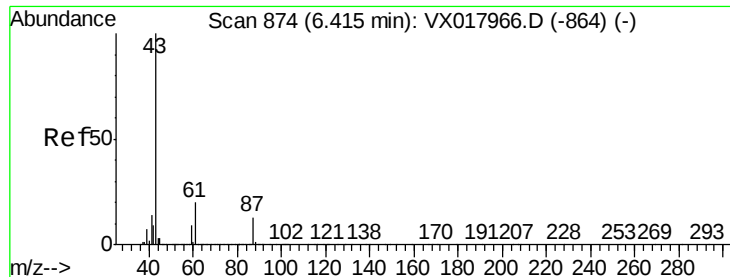
MMDadoda
8/20/2020 9:17:43 AM



#42
1,2-Dichloroethane
Concen: 54.908 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		399276		
98	8.8	0.0	17.2		





#43

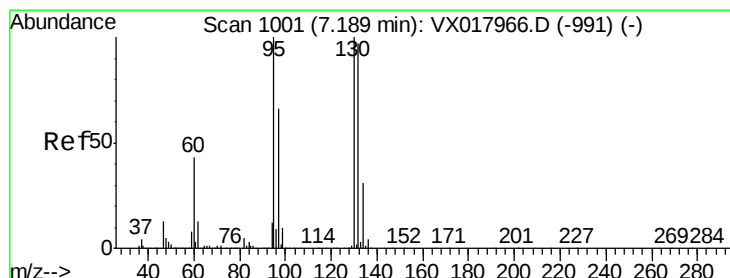
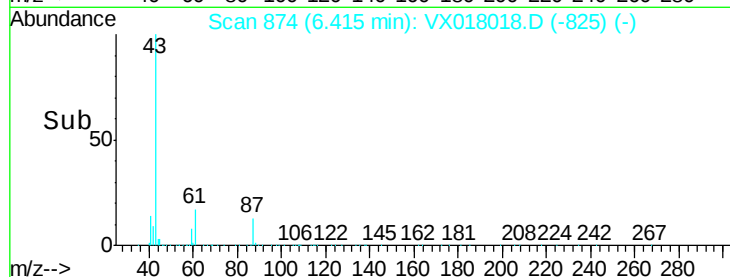
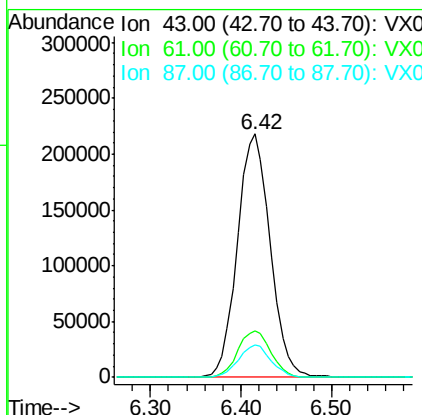
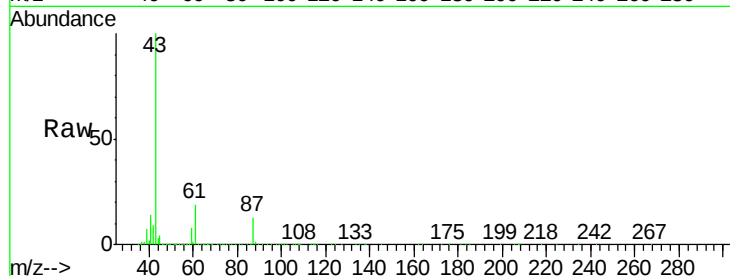
Isopropyl Acetate
 Concen: 49.567 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion:	43	Resp:	544147
Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.2	24.4
87	13.2	10.8	16.2

Manual Integrations
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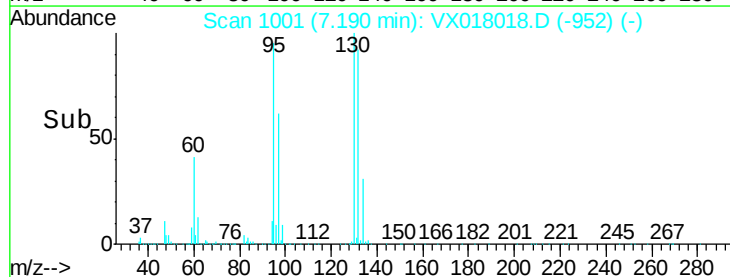
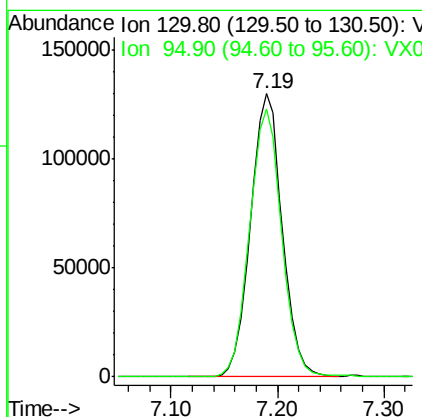
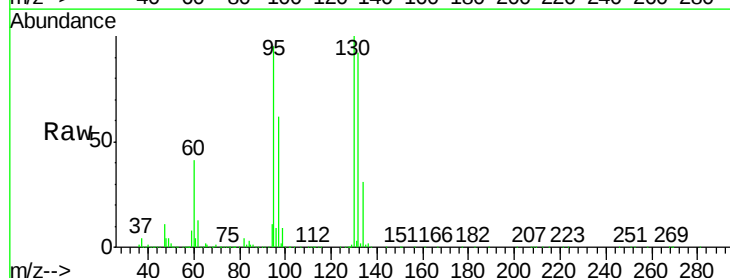
MMDadoda
 8/20/2020 9:17:43 AM

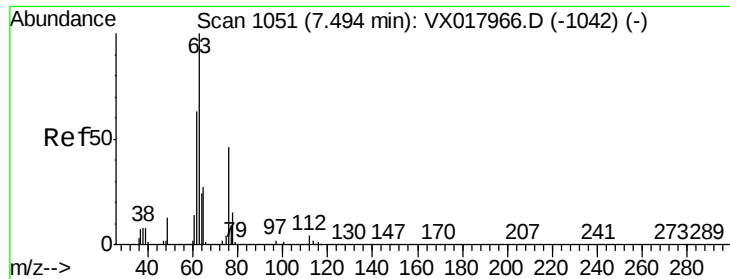


#44

Trichloroethene
 Concen: 53.247 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Tgt Ion:	130	Resp:	270318
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	200.6





#45

1,2-Dichloropropane

Concen: 55.785 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 63 Resp: 273625

Ion Ratio Lower Upper

63 100

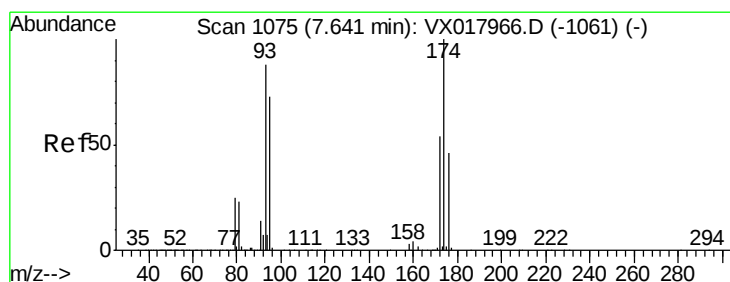
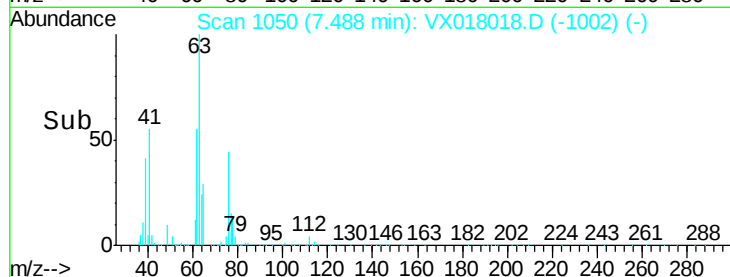
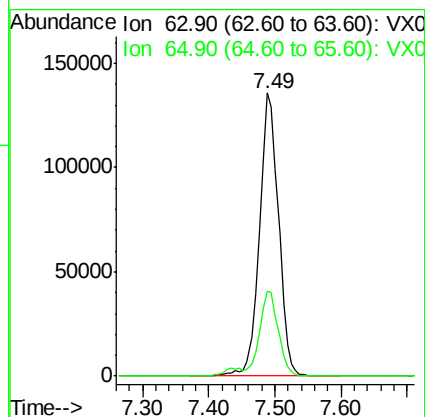
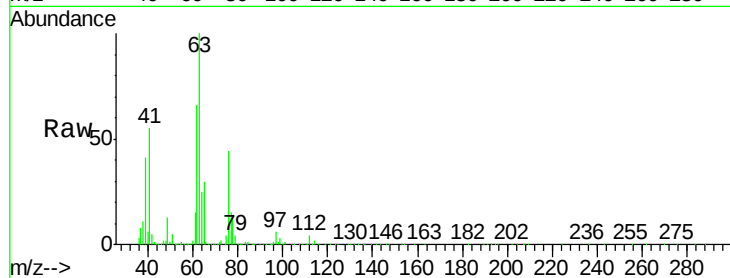
65 30.1 23.8 35.8

Manual Integrations

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MMDadoda

8/20/2020 9:17:43 AM



#46

Dibromomethane

Concen: 55.213 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

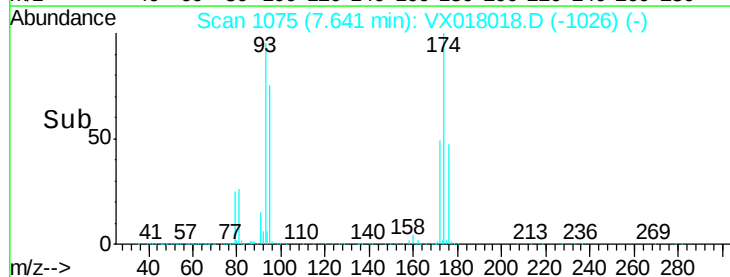
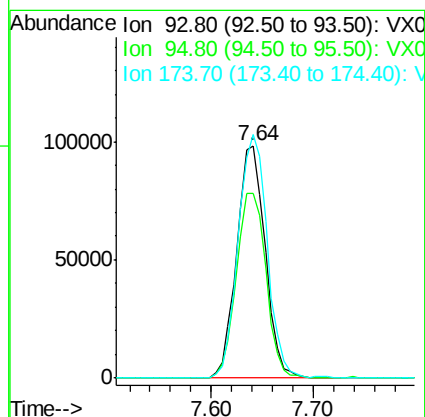
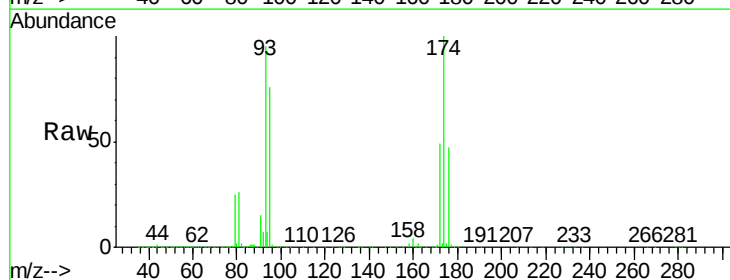
Tgt Ion: 93 Resp: 189007

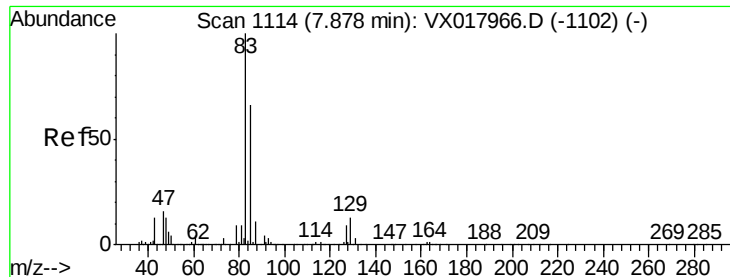
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 107.2 88.3 132.5





#47

Bromodichloromethane

Concen: 55.564 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

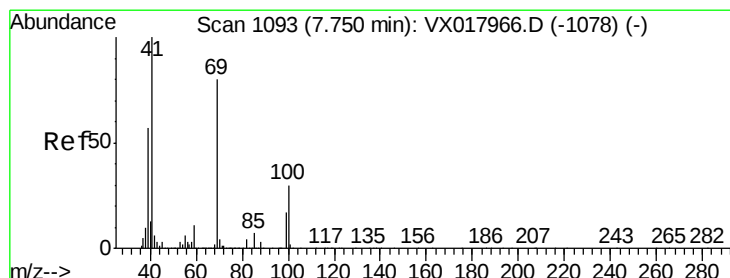
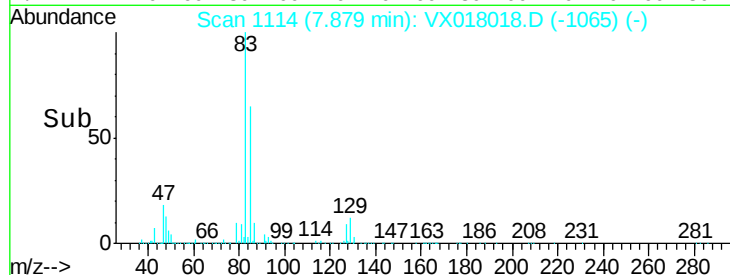
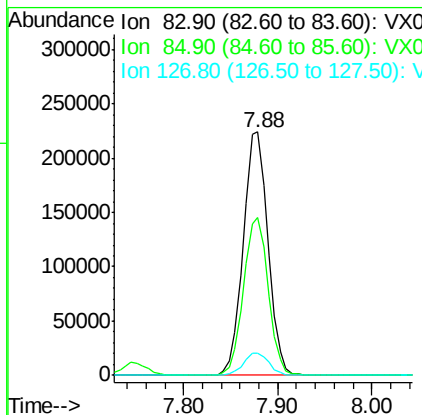
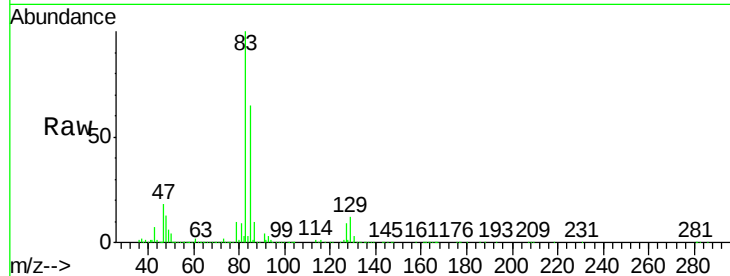
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	83	Resp:	412926
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6
127	9.2	7.0	10.6

Manual Integrations
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8/20/2020 9:17:43 AM



#48

Methyl methacrylate

Concen: 57.071 ug/l

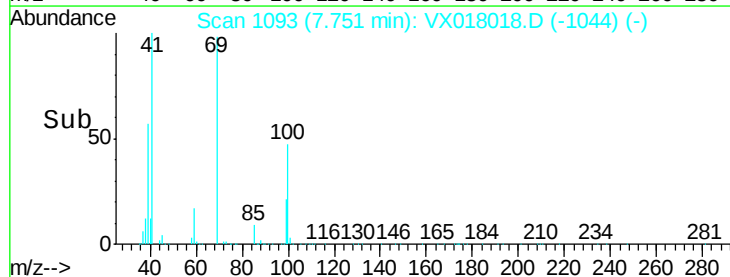
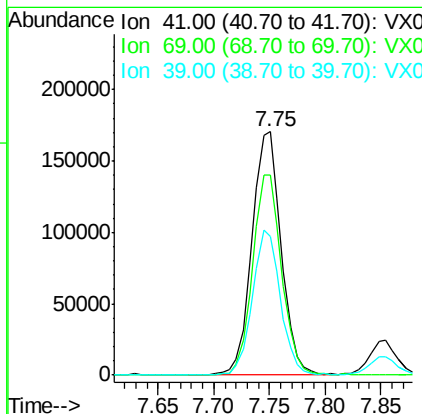
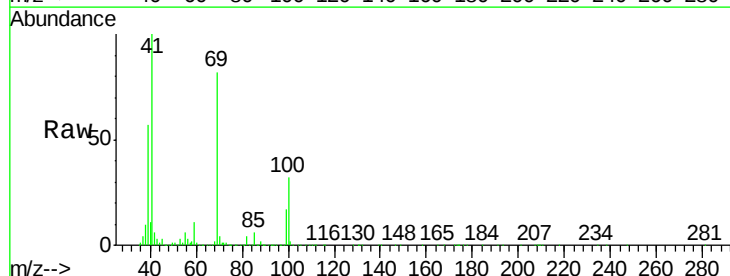
RT: 7.75 min Scan# 1093

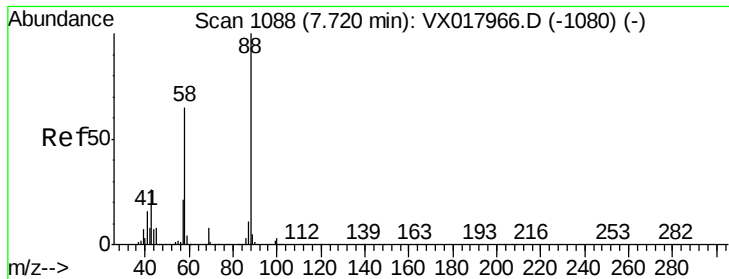
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	41	Resp:	310596
Ion	Ratio	Lower	Upper
41	100		
69	82.3	64.3	96.5
39	57.0	45.3	67.9





#49

1,4-Dioxane

Concen: 887.273 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

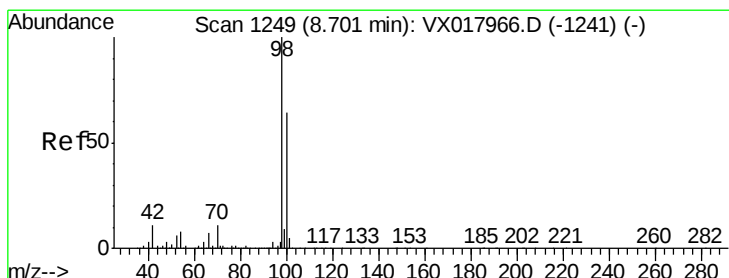
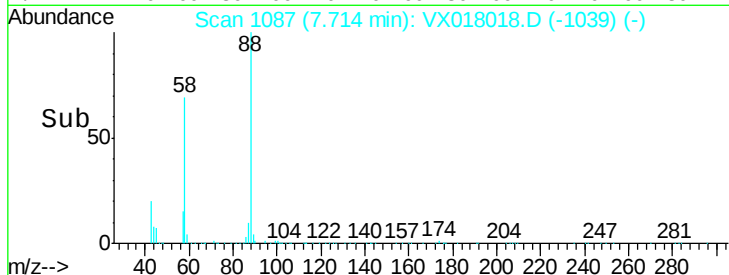
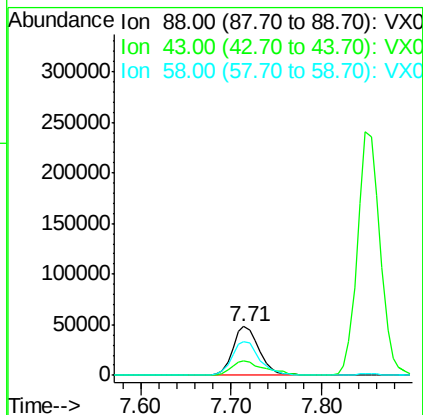
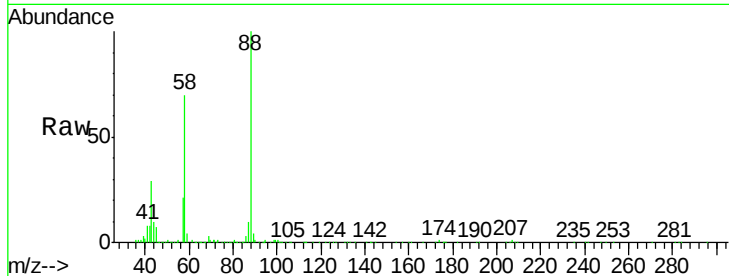
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	88	Resp:	98858
Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.3	40.9
58	72.4	57.7	86.5

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#50

Toluene-d8

Concen: 47.511 ug/l

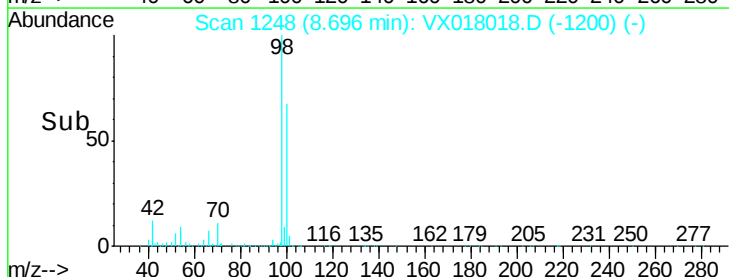
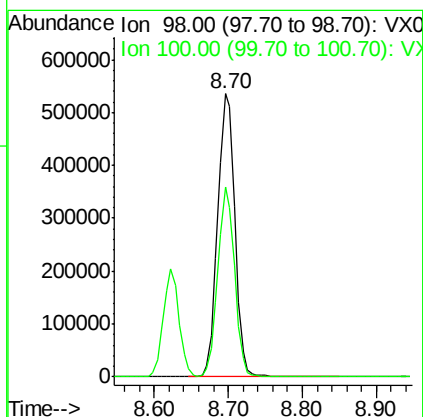
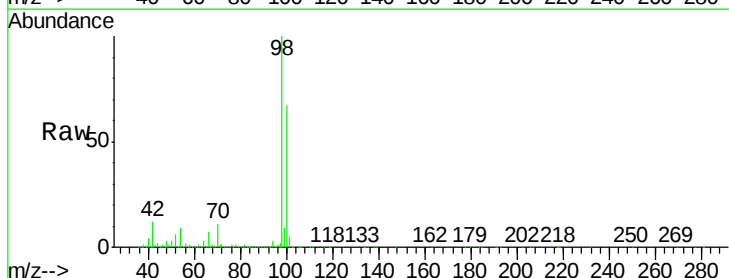
RT: 8.70 min Scan# 1248

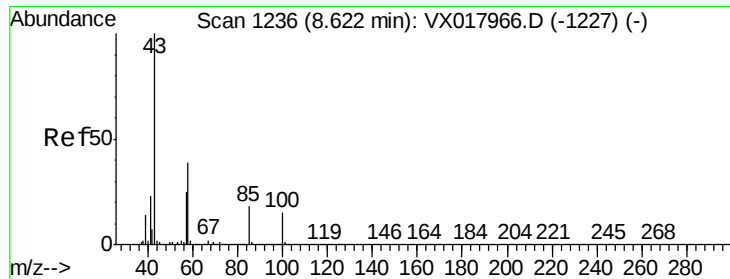
Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	98	Resp:	849251
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.2





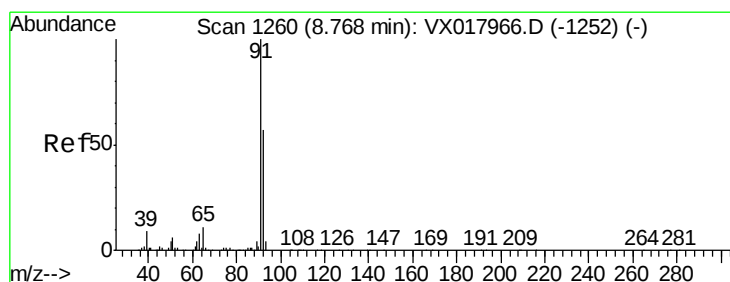
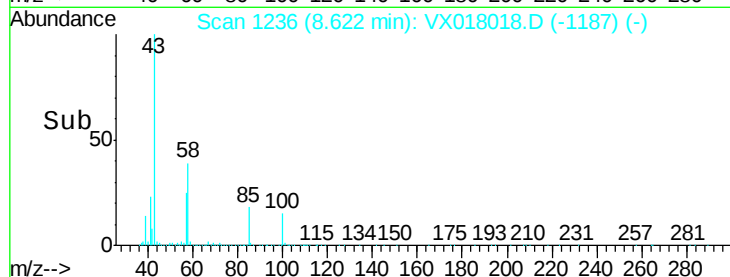
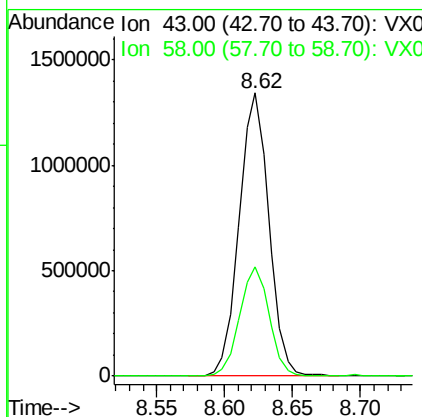
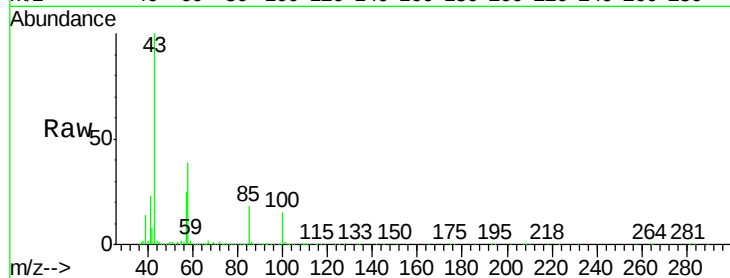
#51
4-Methyl-2-Pentanone
Concen: 277.629 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion: 43 Resp: 2052075
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.4

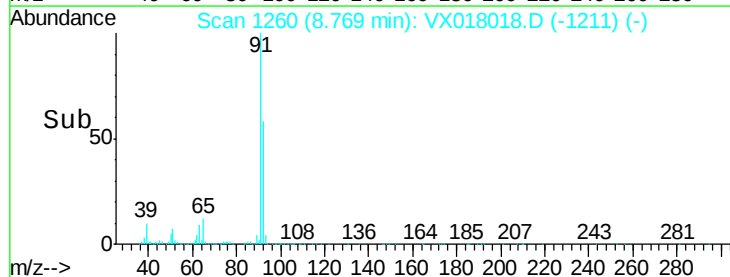
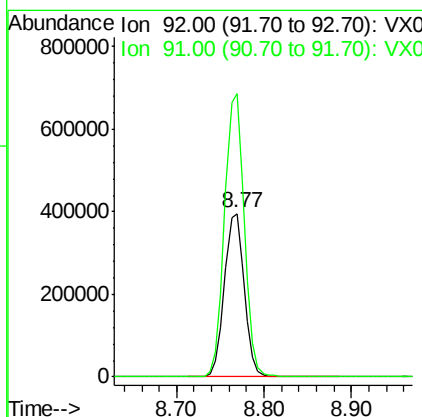
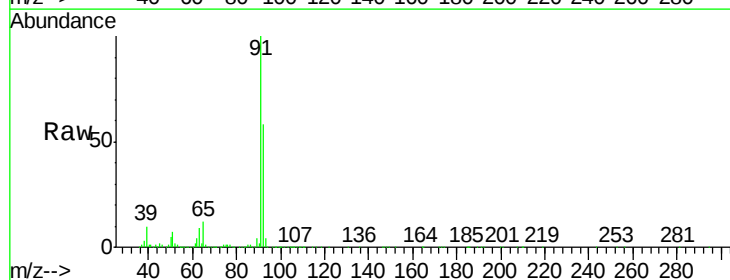
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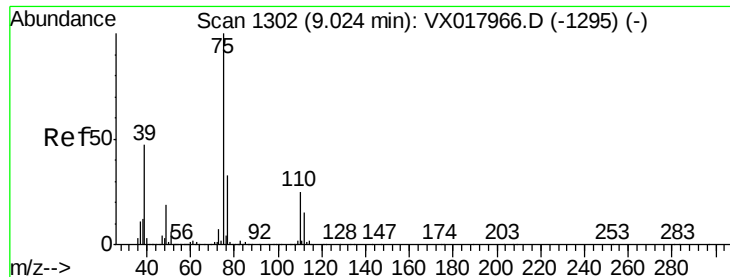
MMDadoda
8/20/2020 9:17:43 AM



#52
Toluene
Concen: 55.442 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion: 92 Resp: 620962
Ion Ratio Lower Upper
92 100
91 172.1 138.4 207.6





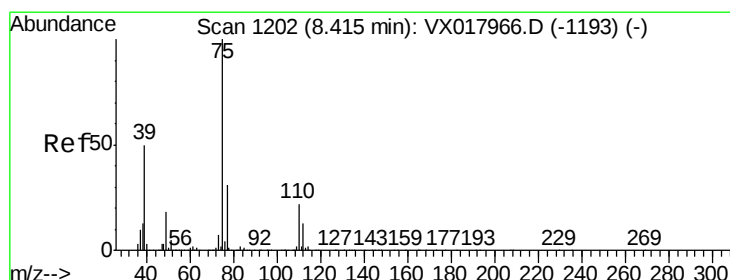
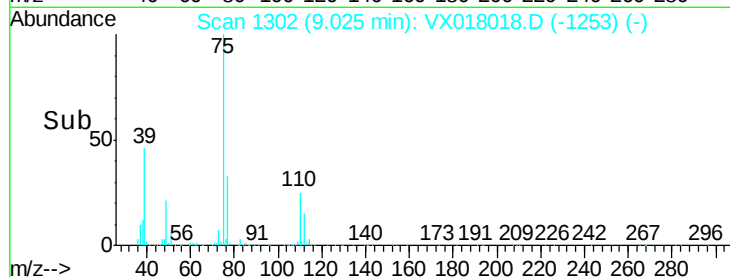
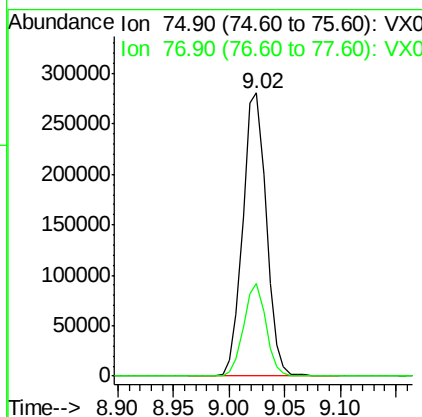
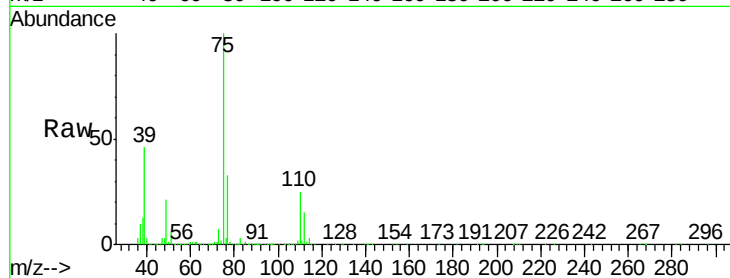
#53
t-1,3-Dichloropropene
Concen: 52.420 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion: 75 Resp: 412023
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1

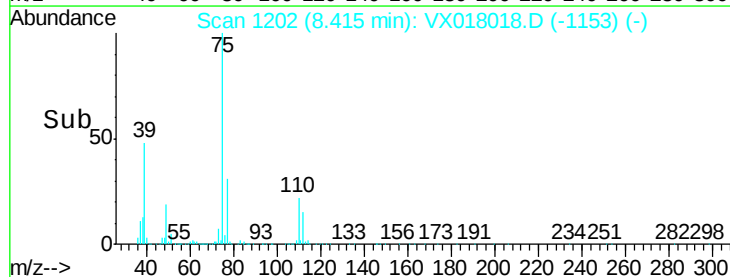
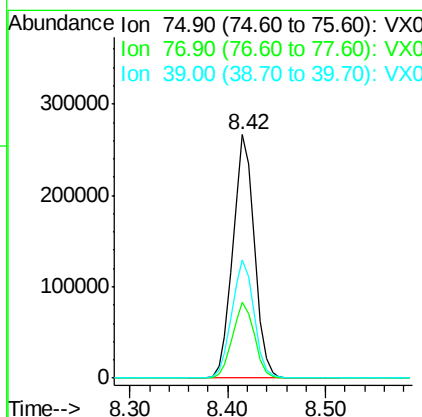
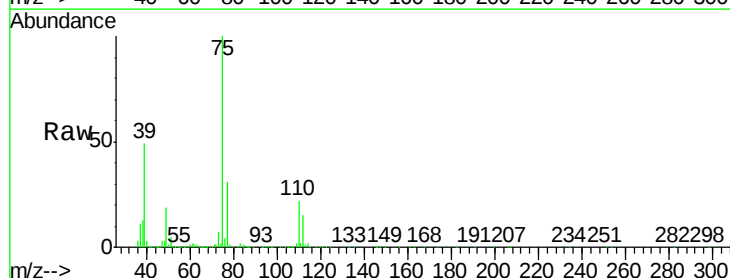
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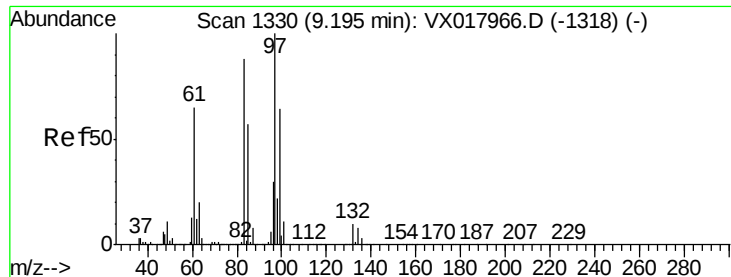
MMDadoda
8/20/2020 9:17:43 AM



#54
cis-1,3-Dichloropropene
Concen: 49.746 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion: 75 Resp: 407684
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 48.5 39.7 59.5





#55

1,1,2-Trichloroethane

Concen: 55.282 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

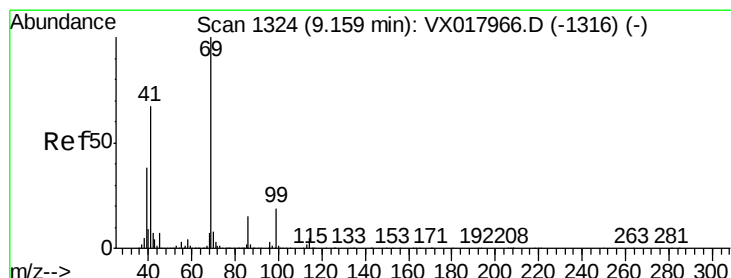
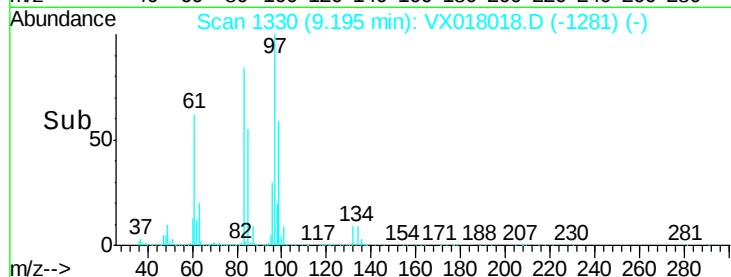
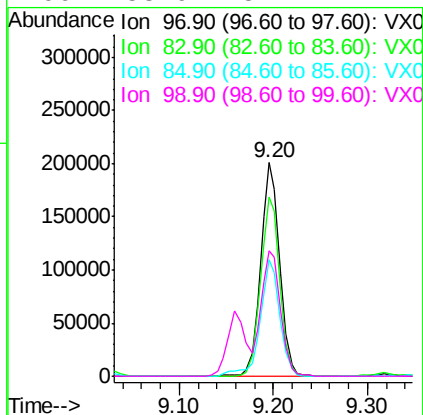
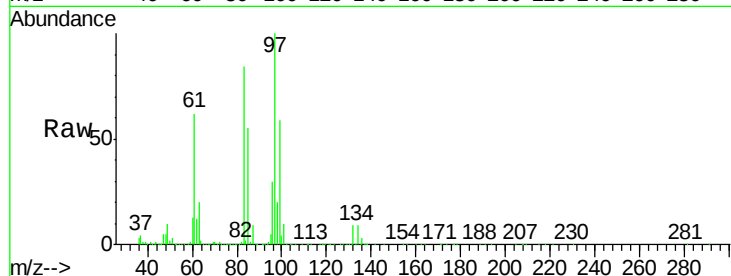
ClientSampleId :

MW-BR1-081320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		284448		
83	84.2	70.1	105.1		
85	54.6	45.8	68.8		
99	58.9	51.4	77.2		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 56.686 ug/l

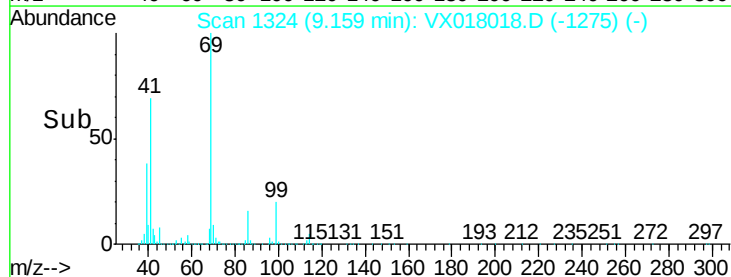
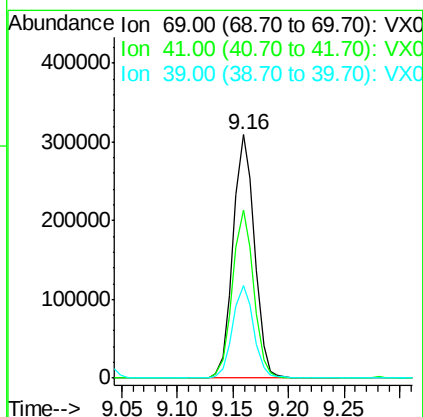
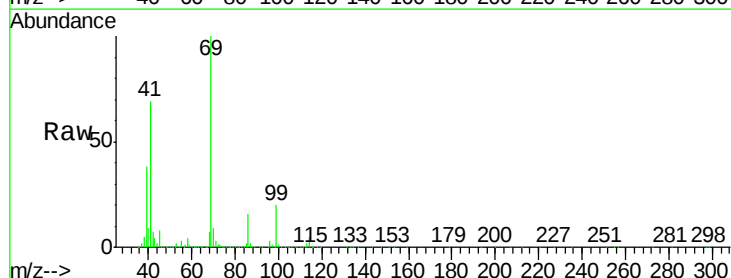
RT: 9.16 min Scan# 1324

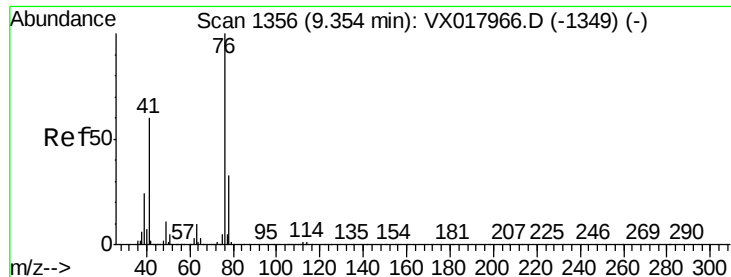
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		412384		
41	67.9	52.3	78.5		
39	37.6	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 55.353 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 76 Resp: 452333

Ion Ratio Lower Upper

76 100

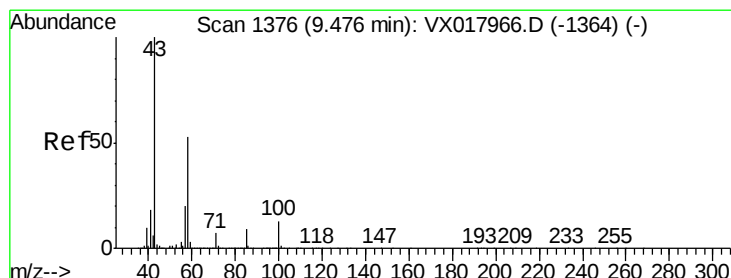
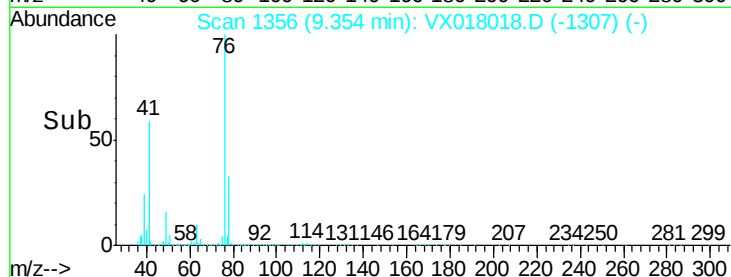
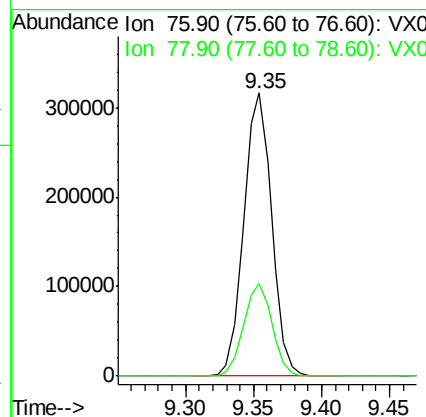
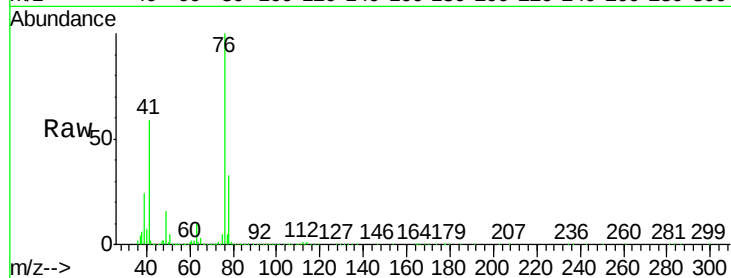
78 33.1 26.4 39.6

Manual Integrations

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MMDadoda

8/20/2020 9:17:43 AM



#59

2-Hexanone

Concen: 279.049 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX018018.D

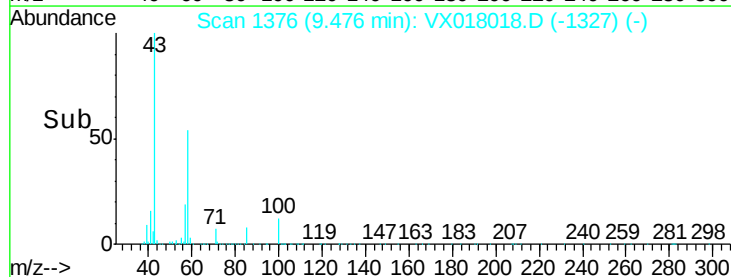
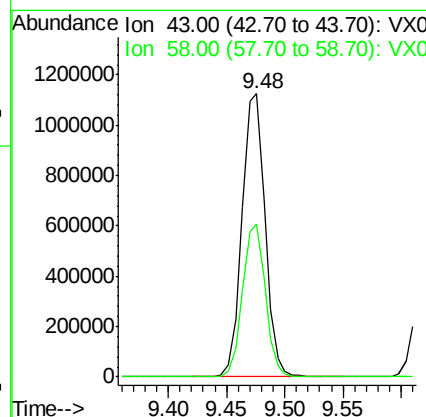
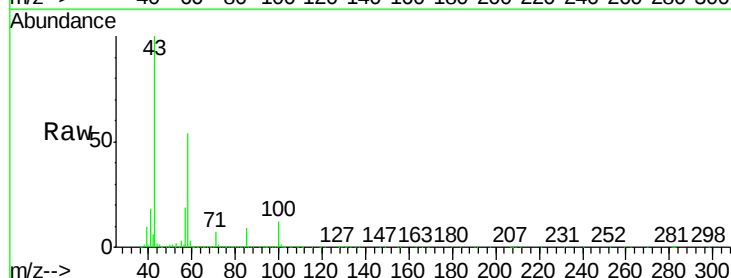
Acq: 20 Aug 2020 05:23

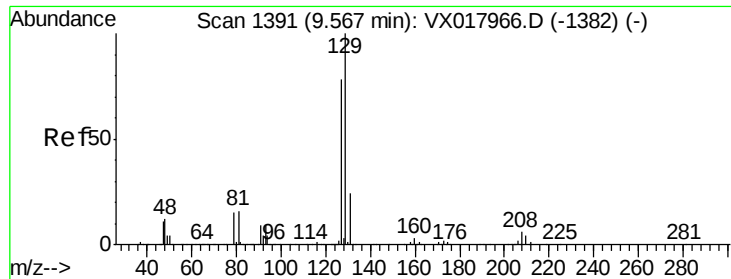
Tgt Ion: 43 Resp: 1562890

Ion Ratio Lower Upper

43 100

58 53.2 26.4 79.0





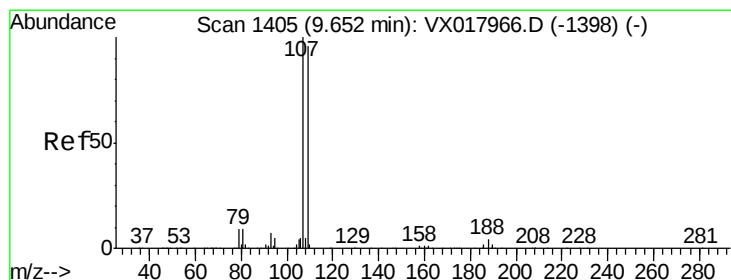
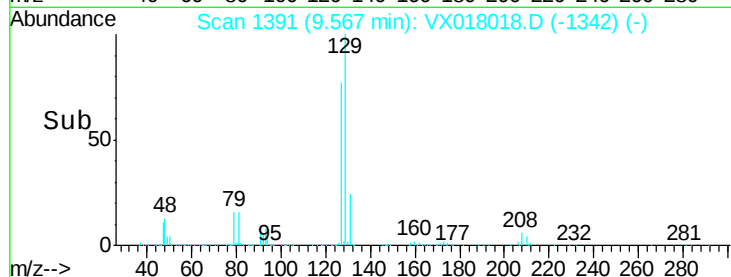
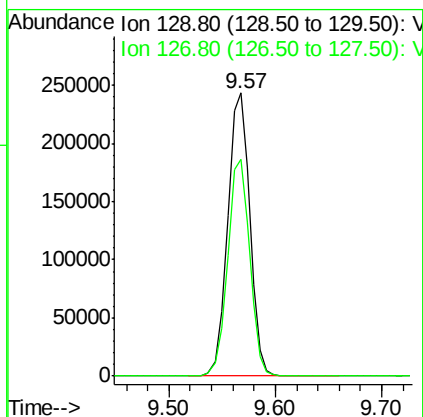
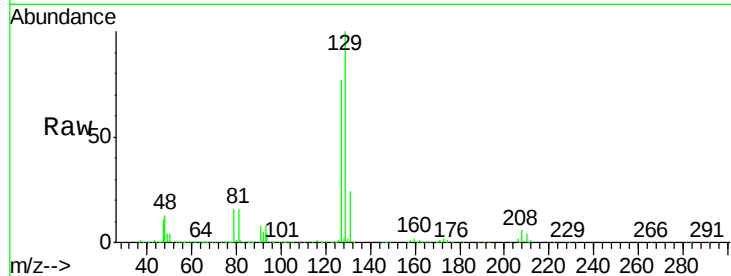
#60
Dibromochloromethane
Concen: 55.289 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.5	118.3

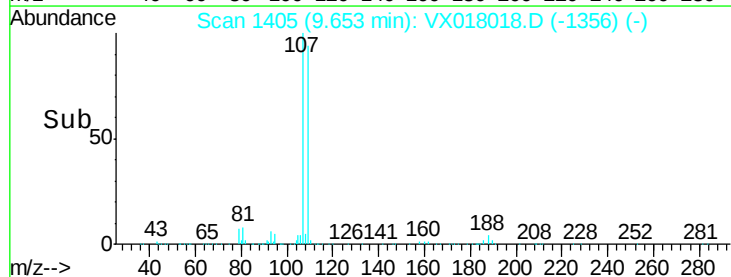
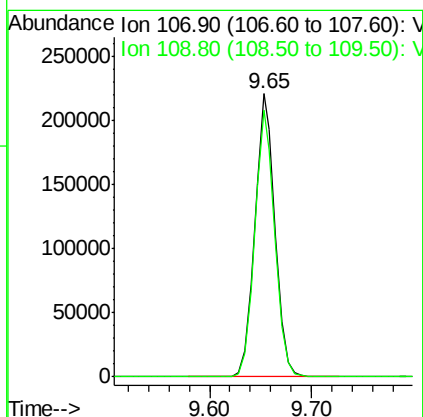
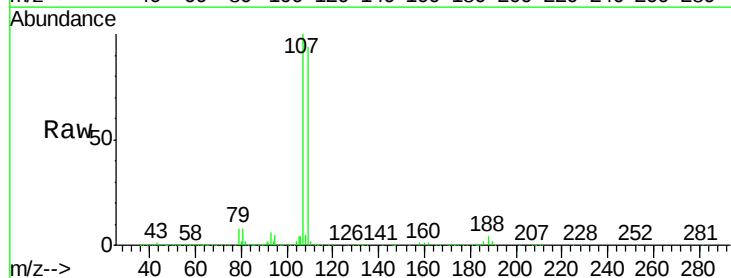
Manual Integrations
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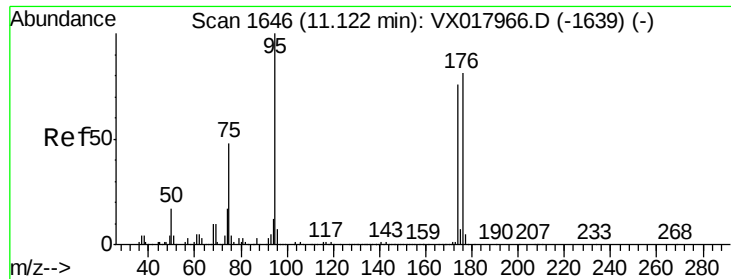
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#61
1,2-Dibromoethane
Concen: 53.391 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.5	113.3





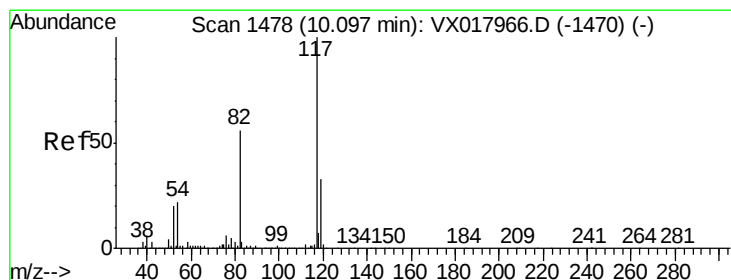
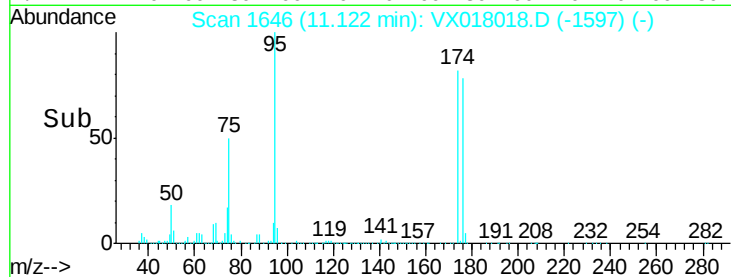
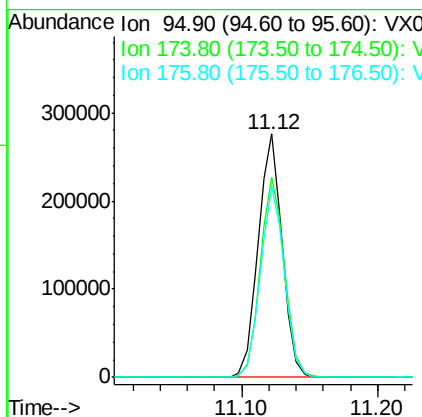
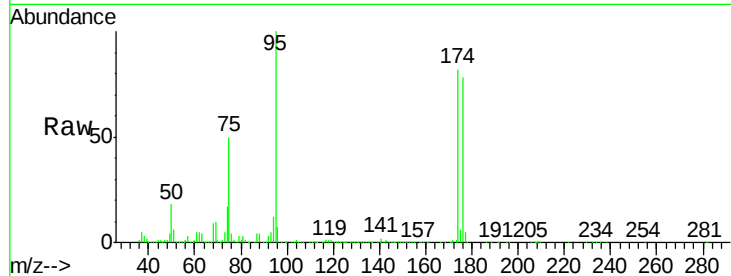
#62
4-Bromofluorobenzene
Concen: 51.803 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	342002		
174	83.4	0.0	166.0	
176	78.2	0.0	161.0	

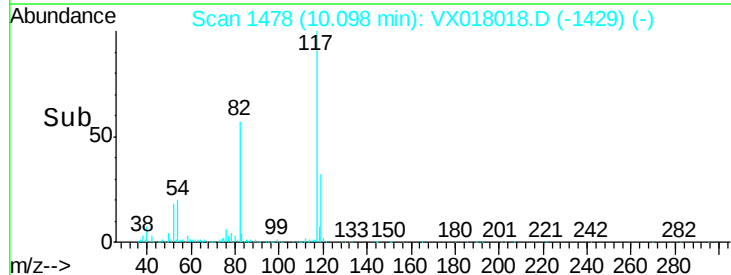
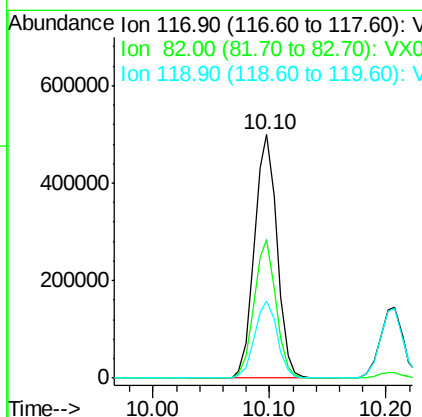
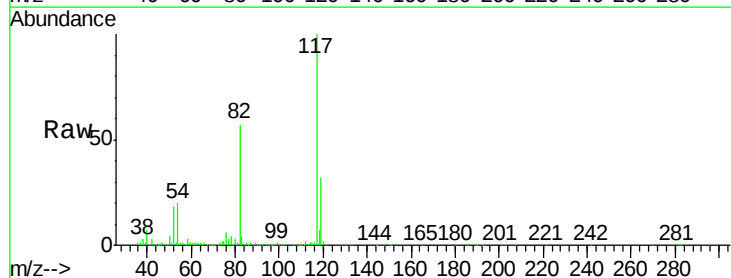
Manual Integrations
APPROVED

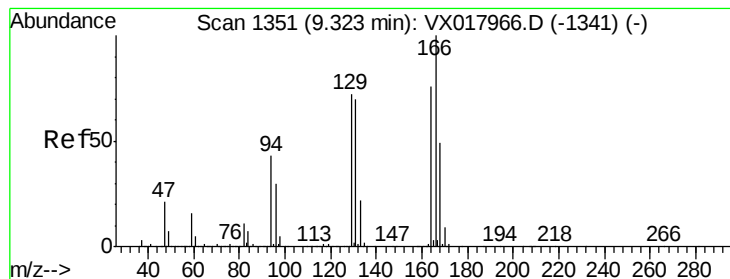
MMDadoda
8/20/2020 9:17:43 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	677288		
82	56.7	44.6	66.8	
119	31.6	26.2	39.4	





#64

Tetrachloroethene

Concen: 50.400 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion:164 Resp: 260685

Ion Ratio Lower Upper

164 100

166 144.6 105.7 158.5

129 102.7 75.8 113.8

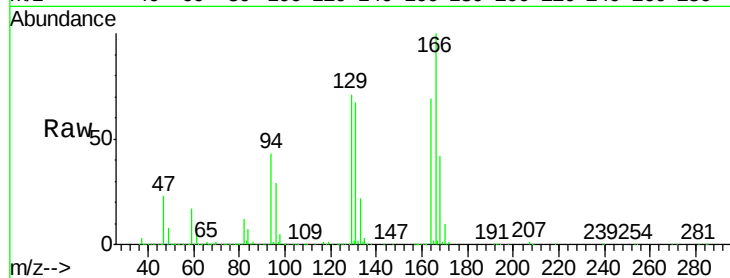
131 96.3 74.2 111.4

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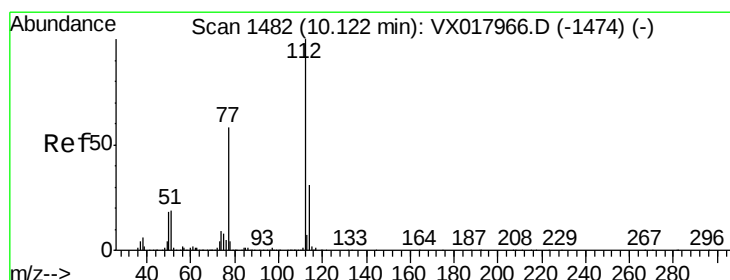
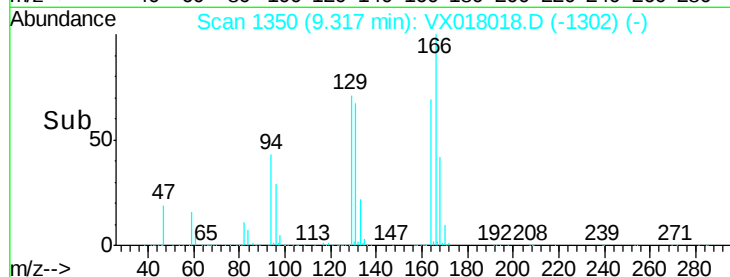
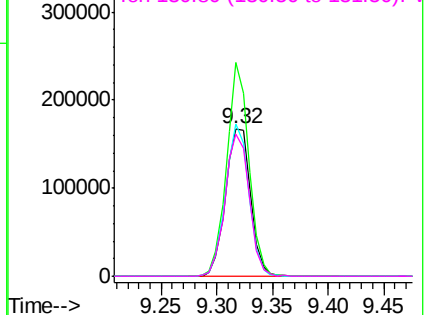


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.837 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018018.D

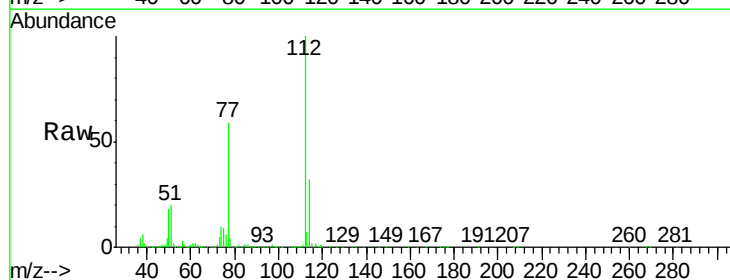
Acq: 20 Aug 2020 05:23

Tgt Ion:112 Resp: 710348

Ion Ratio Lower Upper

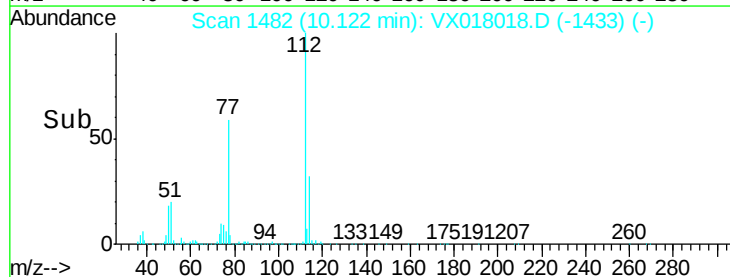
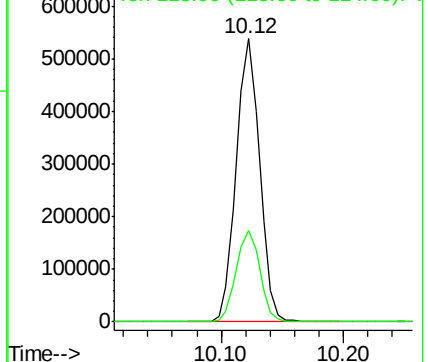
112 100

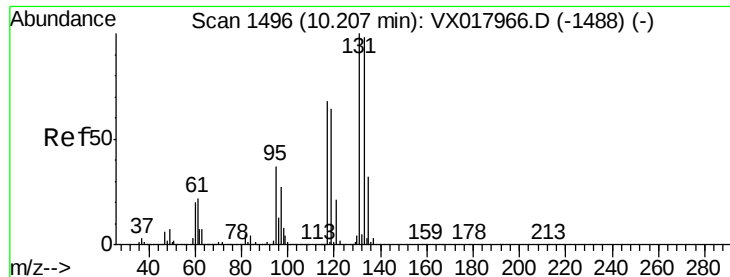
114 32.4 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.046 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

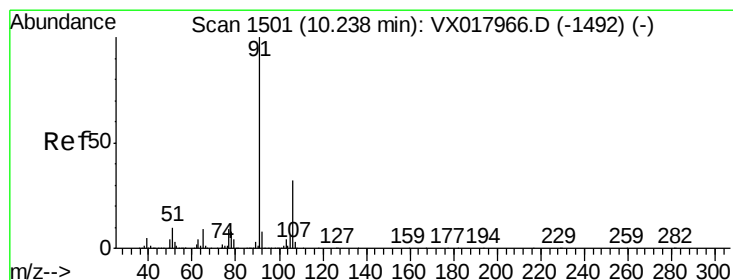
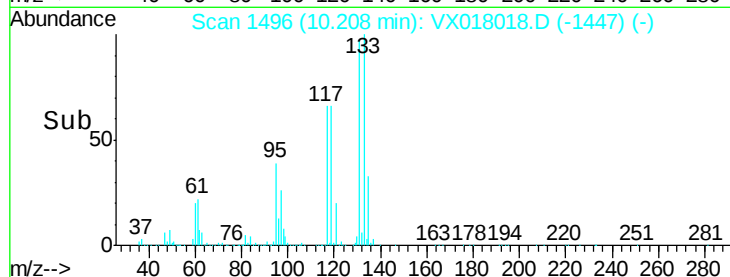
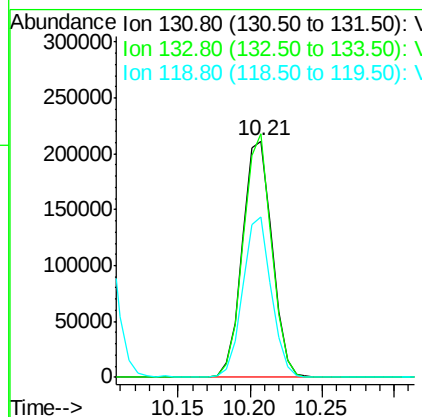
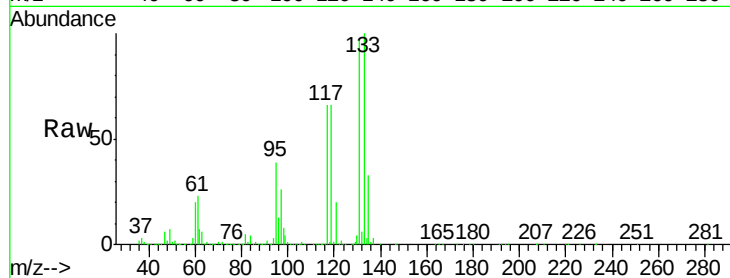
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	131	Resp:	301672
Ion Ratio	Lower	Upper	
131	100		
133	98.1	48.4	145.3
119	64.8	31.6	94.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 55.704 ug/l

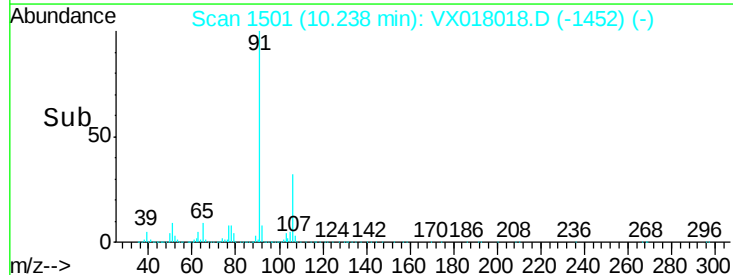
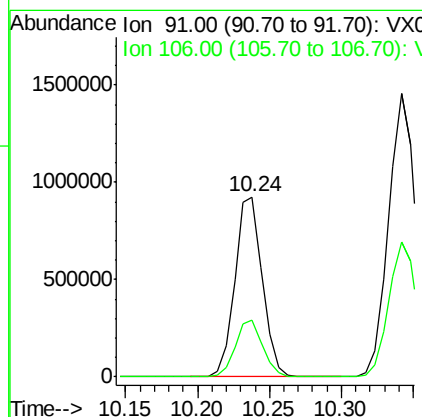
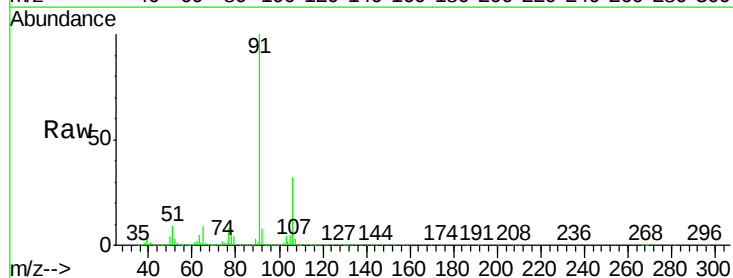
RT: 10.24 min Scan# 1501

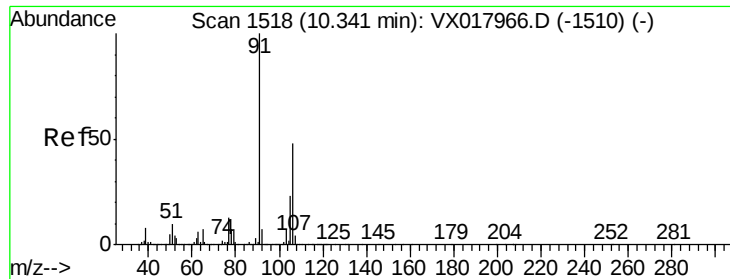
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	91	Resp:	1234578
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.4	38.0





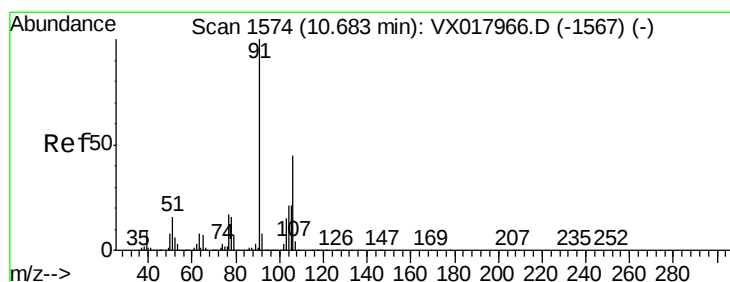
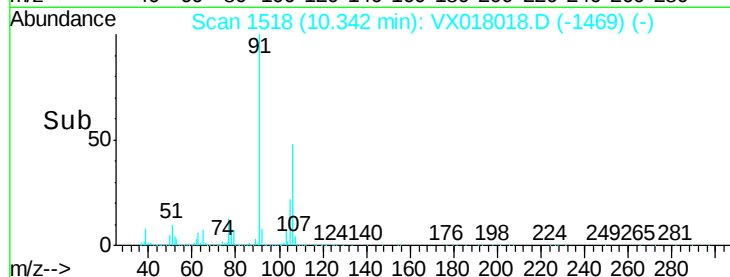
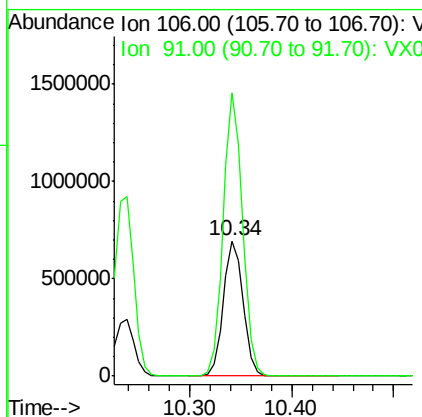
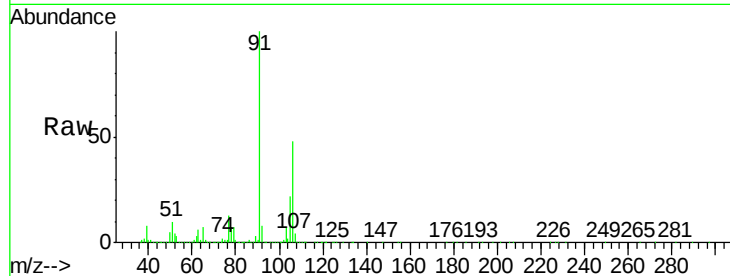
#68
m/p-Xylenes
Concen: 109.754 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.9	167.4	251.2

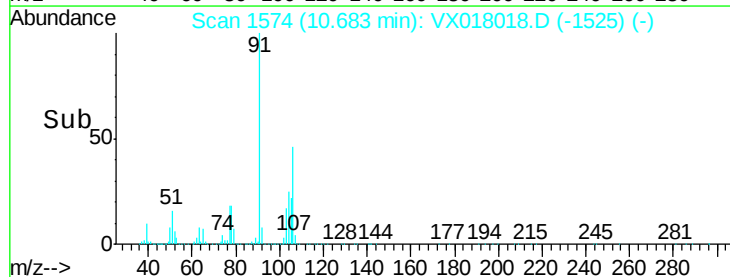
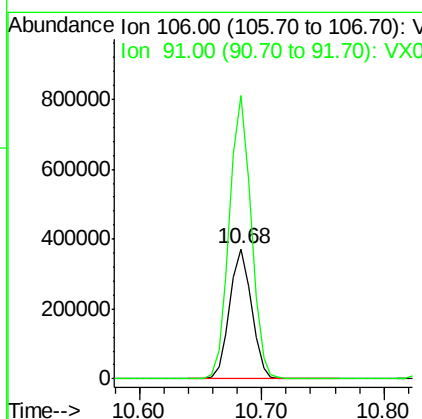
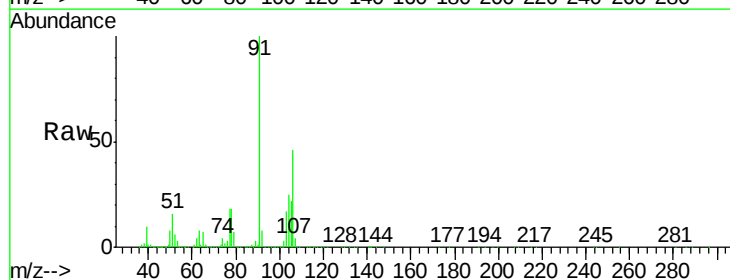
Manual Integrations
APPROVED

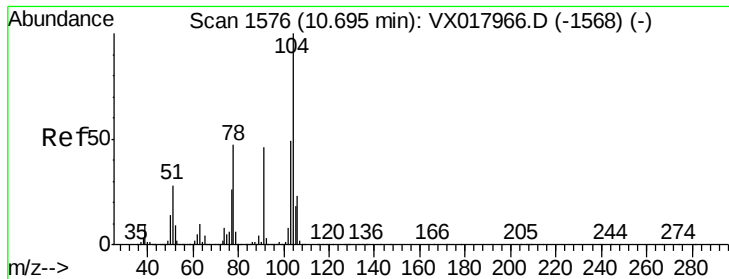
MMDadoda
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#69
o-Xylene
Concen: 55.767 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.4	108.1	324.2





#70

Stvrene

Concen: 57.581 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

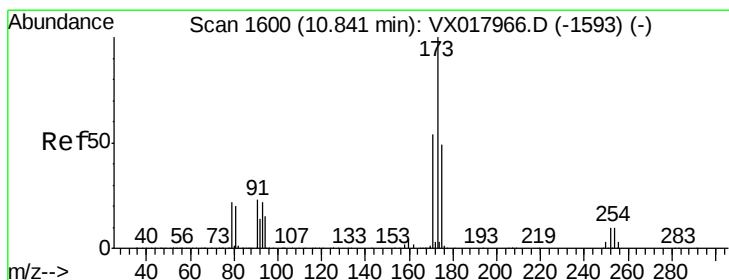
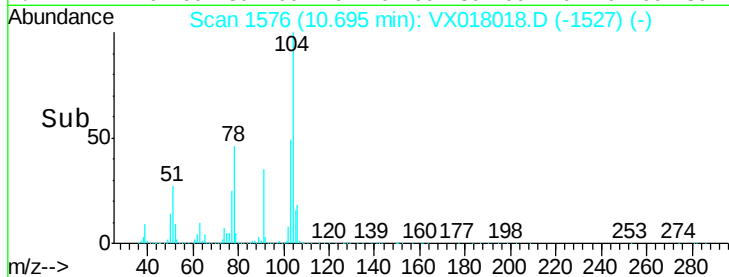
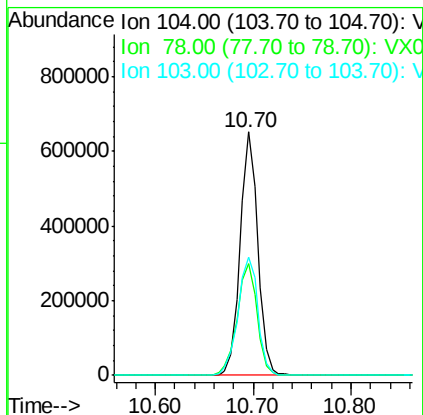
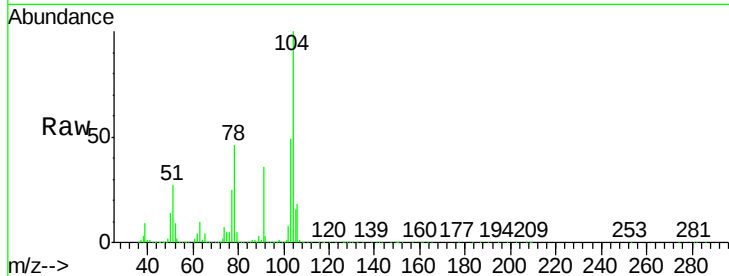
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	104	Resp:	817370
Ion Ratio	Lower	Upper	
104	100		
78	51.9	41.3	61.9
103	54.9	42.9	64.3

Manual Integrations
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#71

Bromoform

Concen: 53.417 ug/l

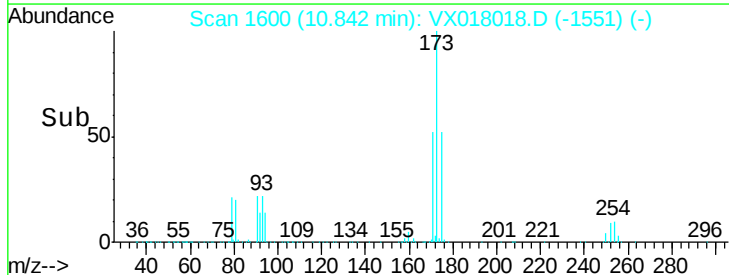
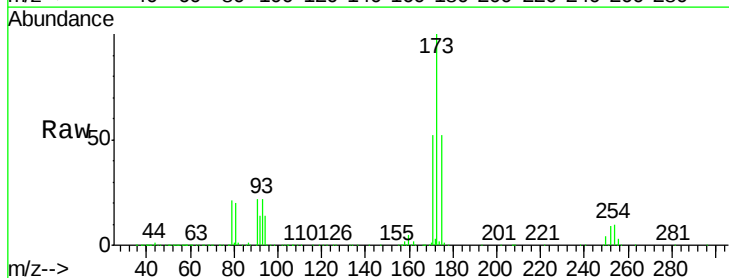
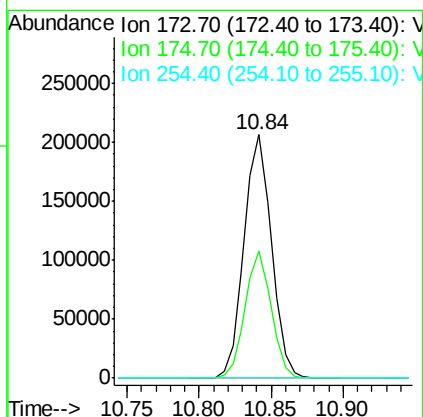
RT: 10.84 min Scan# 1600

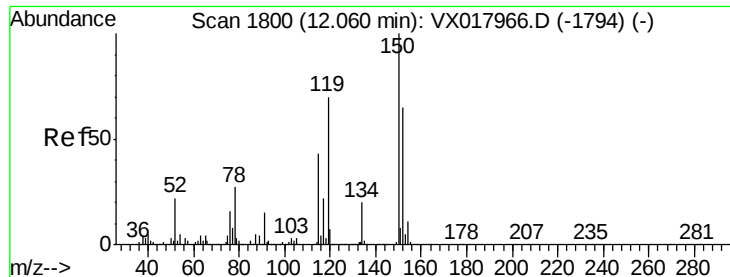
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	173	Resp:	272658
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.4	73.2
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

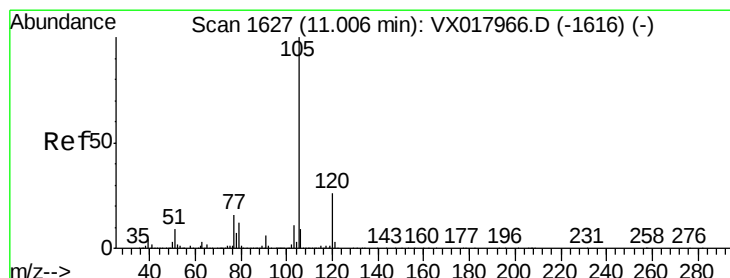
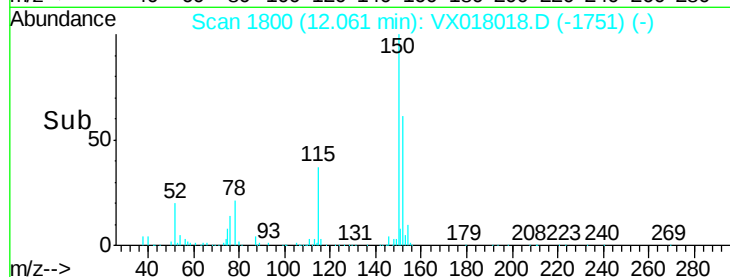
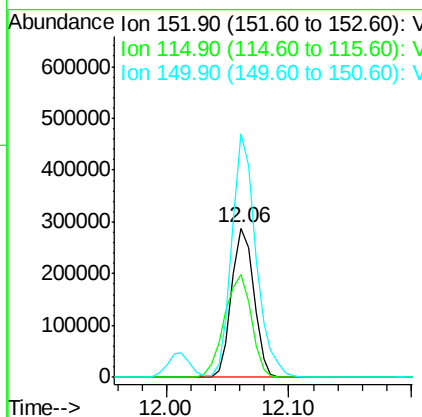
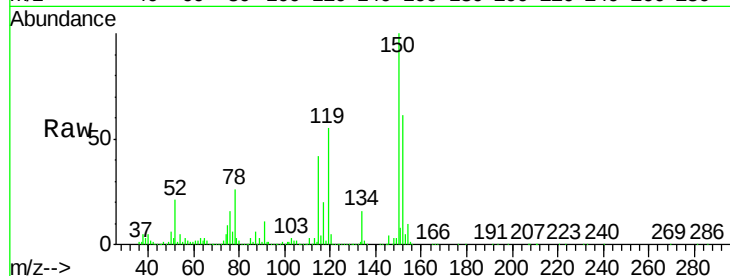
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	152	Resp:	362227
Ion Ratio	Lower	Upper	
152	100		
115	83.2	40.6	121.7
150	175.6	0.0	346.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 54.365 ug/l

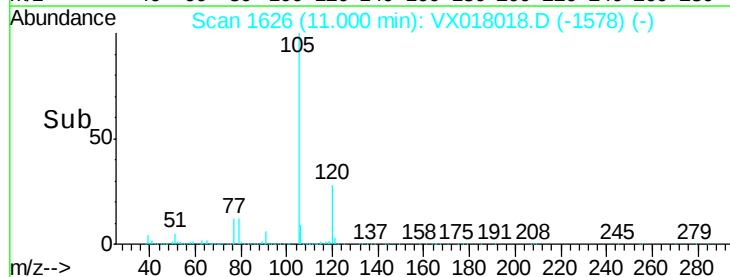
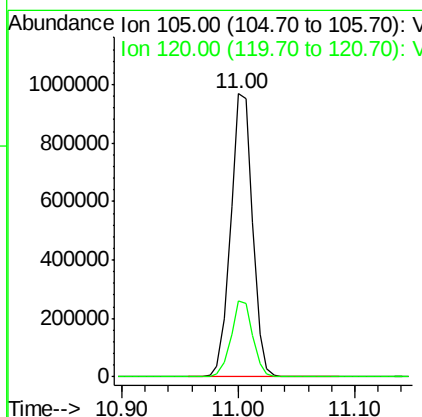
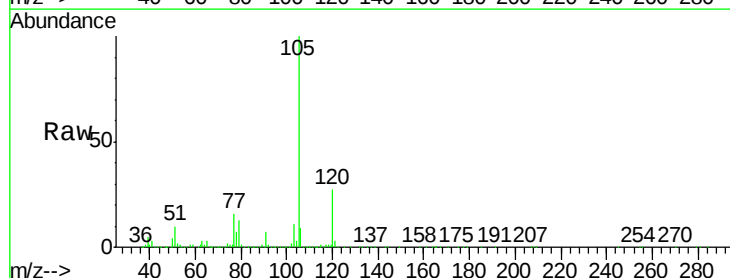
RT: 11.00 min Scan# 1626

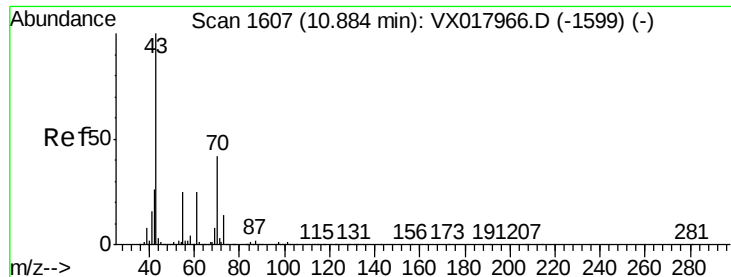
Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	105	Resp:	1267520
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.5	40.4





#74

N-amvl acetate

Concen: 45.663 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

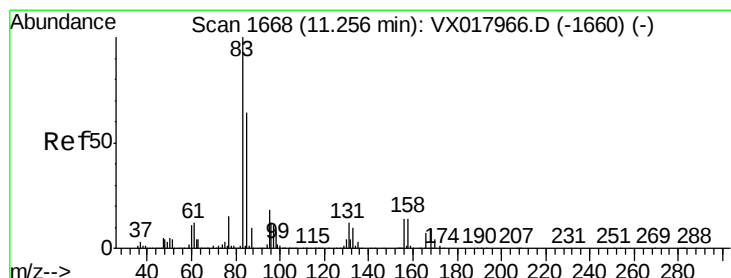
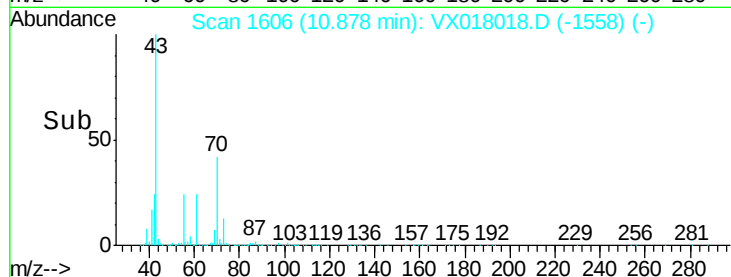
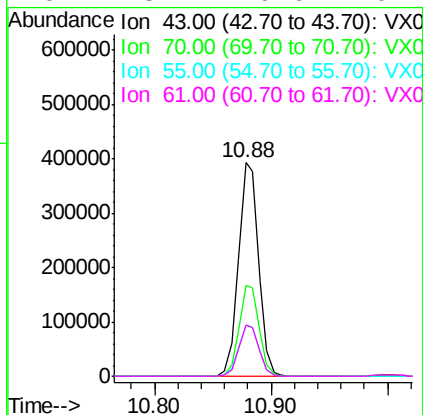
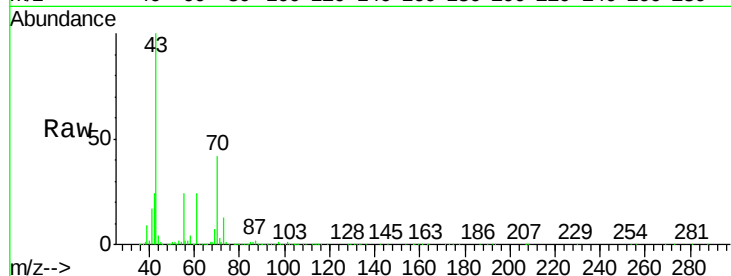
ClientSampleId :

MW-BR1-081320MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.0	32.9	49.3	
55	24.2	19.3	28.9	
61	23.7	19.6	29.4	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 53.167 ug/l

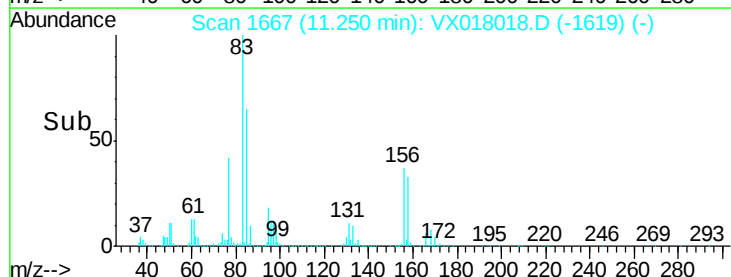
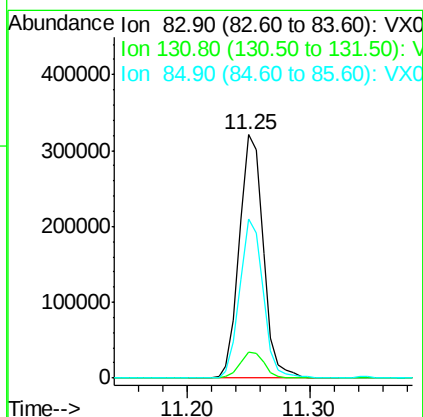
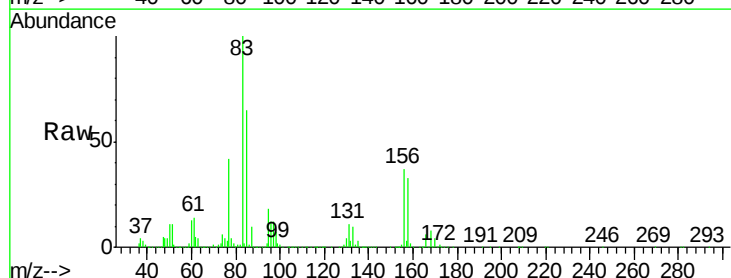
RT: 11.25 min Scan# 1667

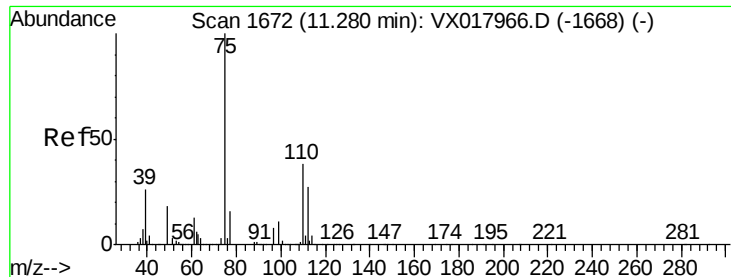
Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.7	17.0	
85	64.3	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 53.094 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 75 Resp: 408997

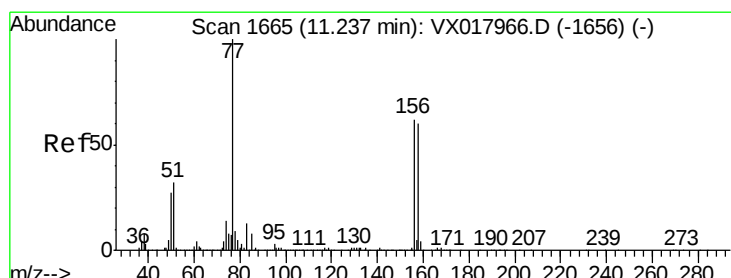
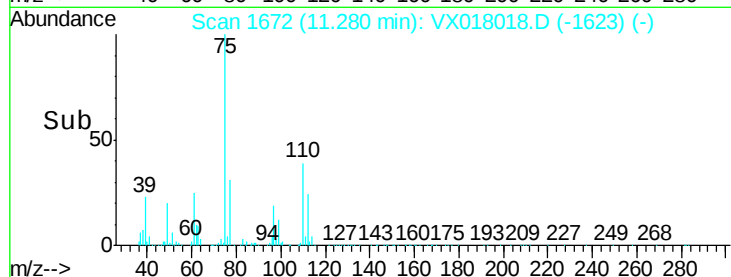
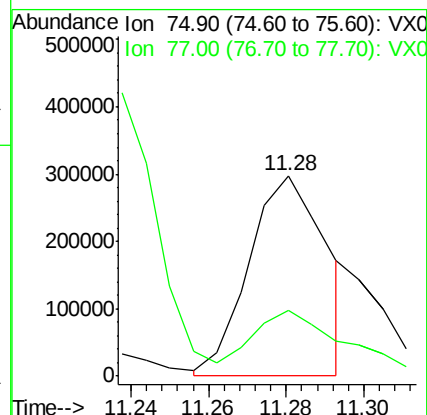
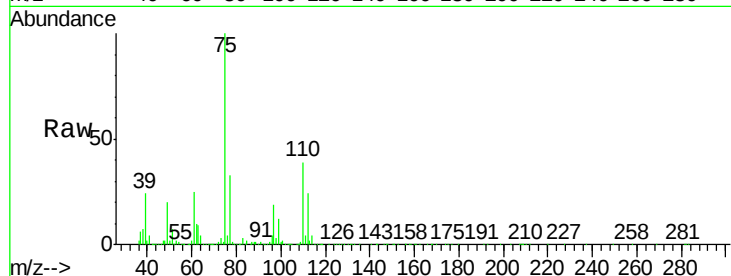
Ion Ratio Lower Upper

75 100

77 39.8 21.1 63.1

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#77

Bromobenzene

Concen: 54.044 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

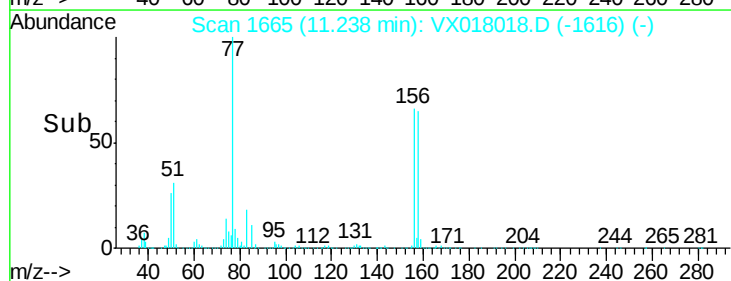
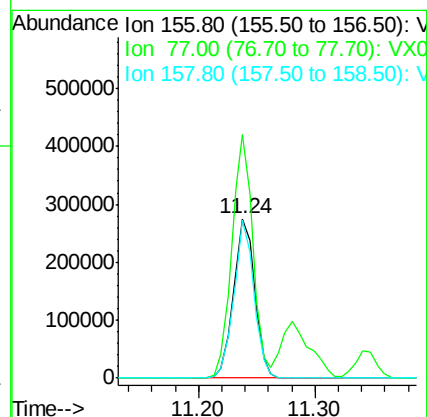
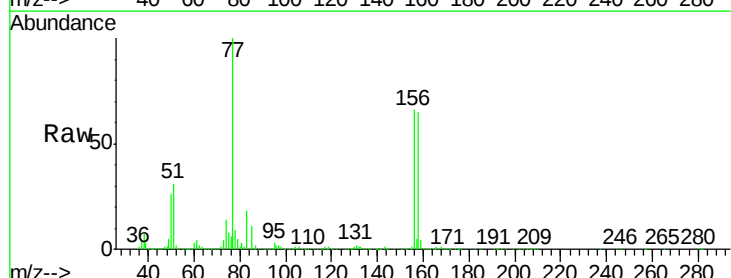
Tgt Ion: 156 Resp: 349586

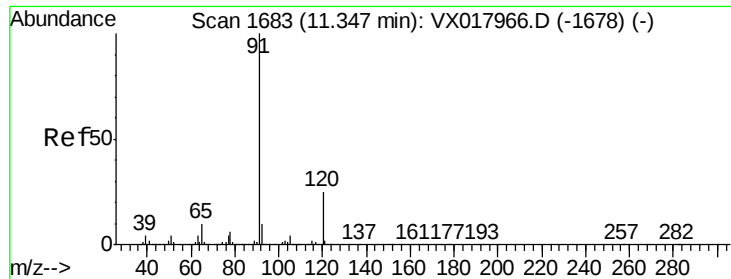
Ion Ratio Lower Upper

156 100

77 151.2 78.0 234.0

158 93.7 49.2 147.6





#78

n-propylbenzene

Concen: 53.351 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion: 91 Resp: 1454859

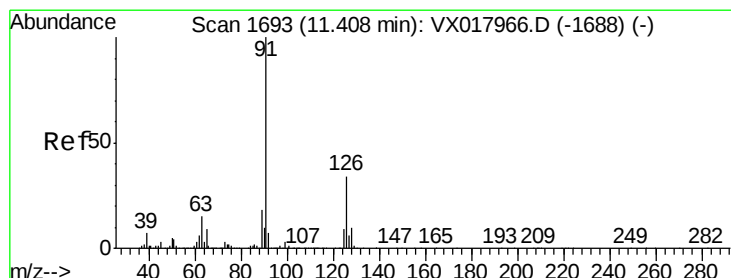
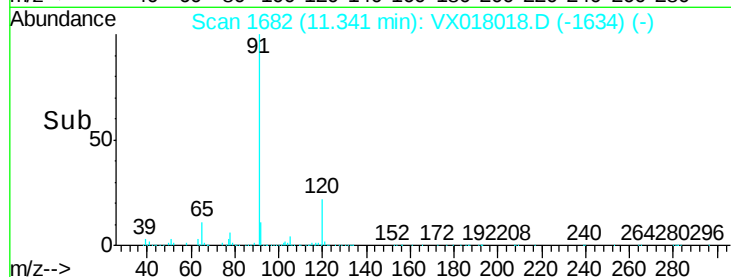
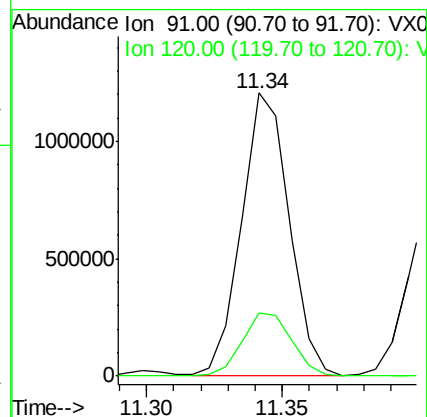
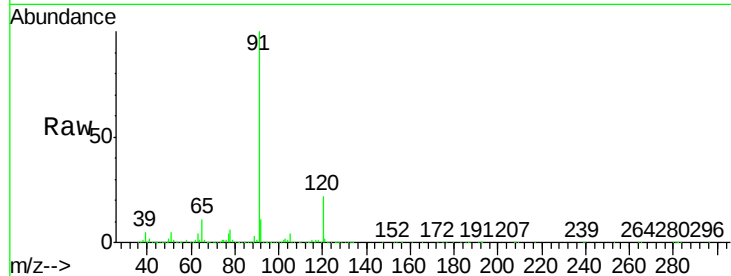
Ion Ratio Lower Upper

91 100

120 23.3 12.0 36.1

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#79

2-Chlorotoluene

Concen: 54.106 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018018.D

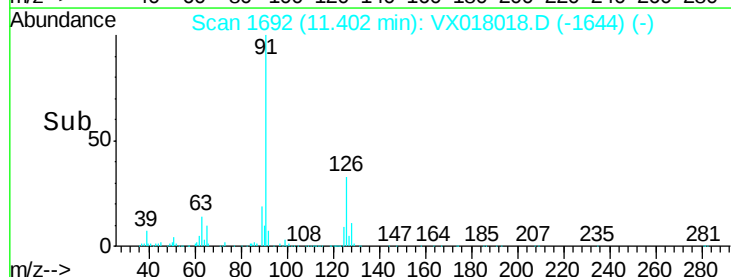
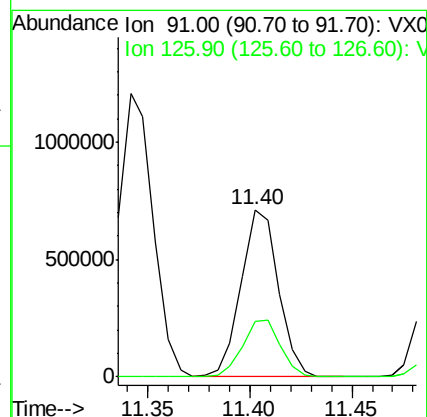
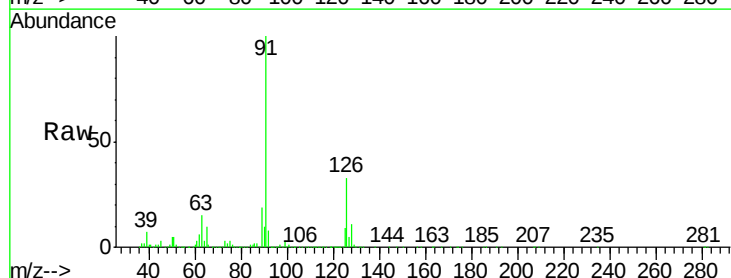
Acq: 20 Aug 2020 05:23

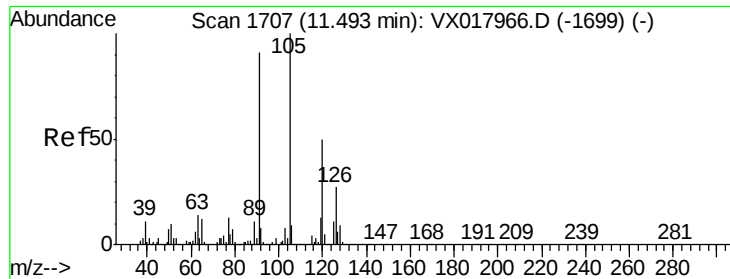
Tgt Ion: 91 Resp: 899169

Ion Ratio Lower Upper

91 100

126 35.0 17.1 51.2





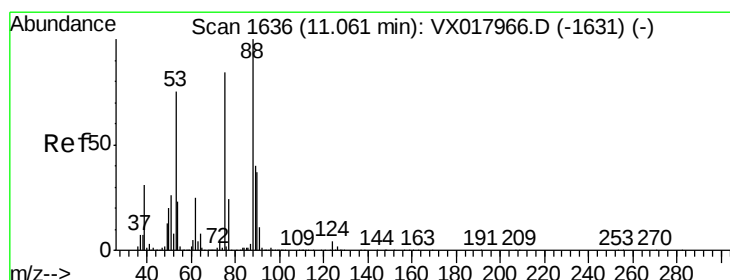
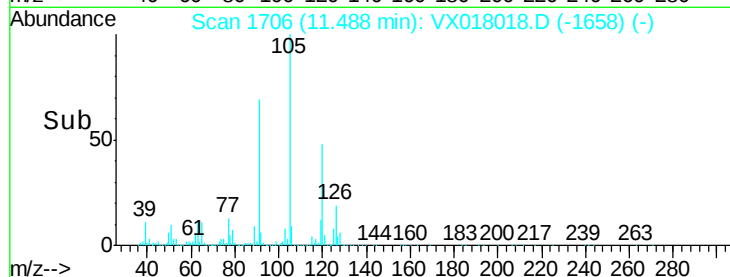
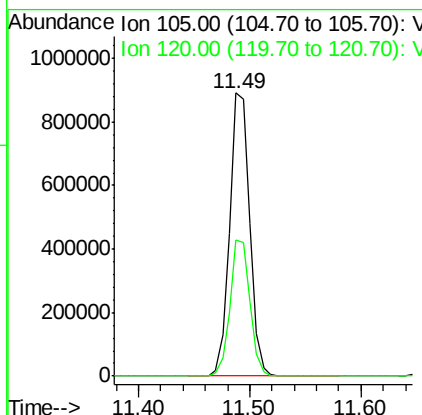
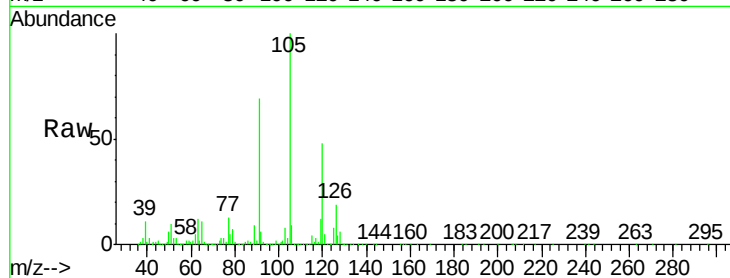
#80
 1,3,5-Trimethylbenzene
 Concen: 53.836 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion:105 Resp: 1101784
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4

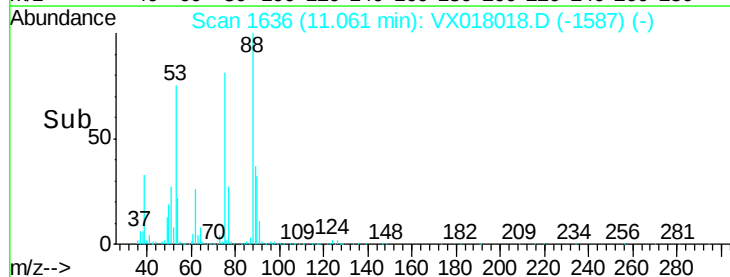
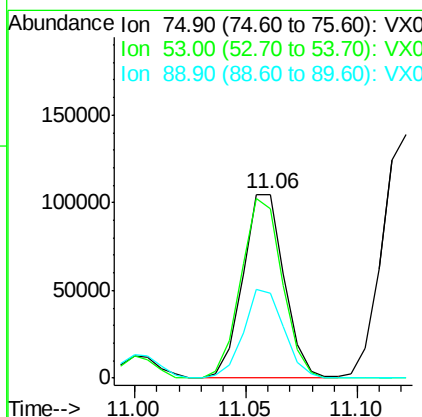
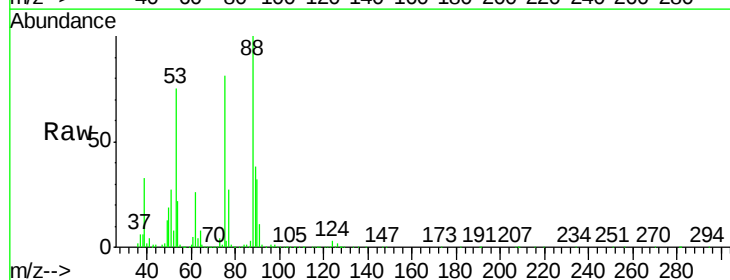
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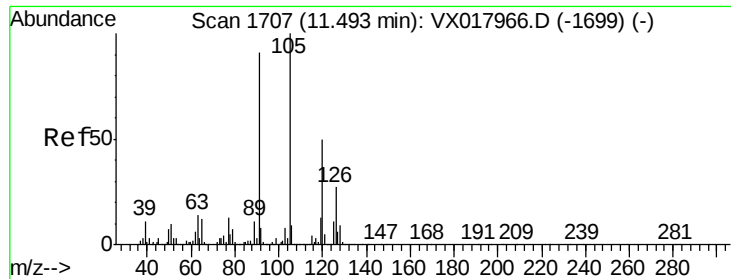
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.452 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Tgt Ion: 75 Resp: 136208
 Ion Ratio Lower Upper
 75 100
 53 97.0 75.2 112.8
 89 47.0 38.4 57.6





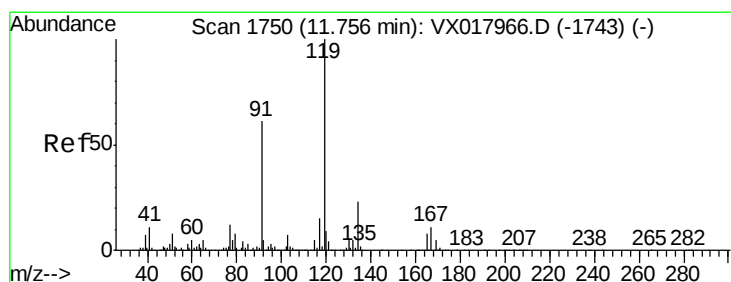
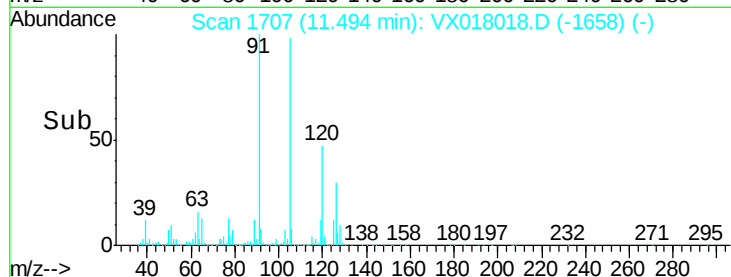
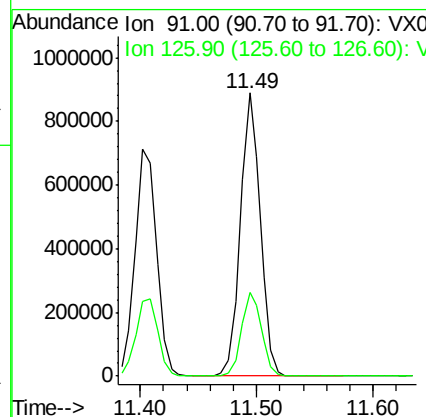
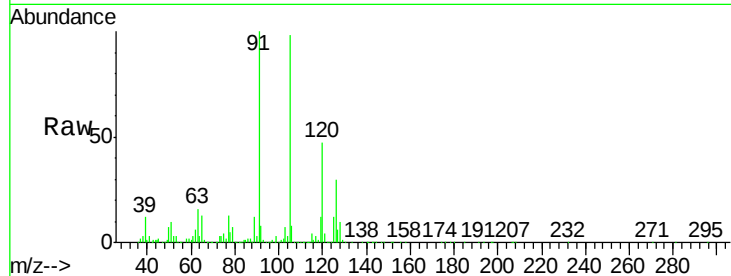
#82
4-Chlorotoluene
Concen: 54.383 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion: 91 Resp: 1062804
Ion Ratio Lower Upper
91 100
126 29.8 15.0 45.0

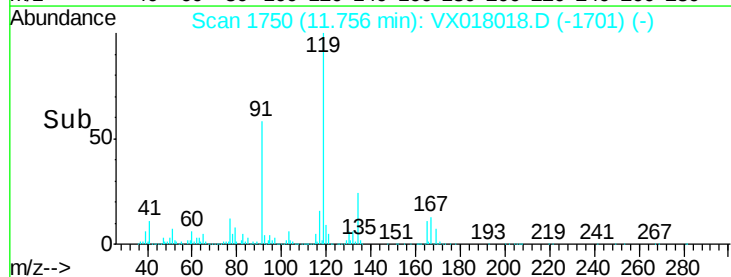
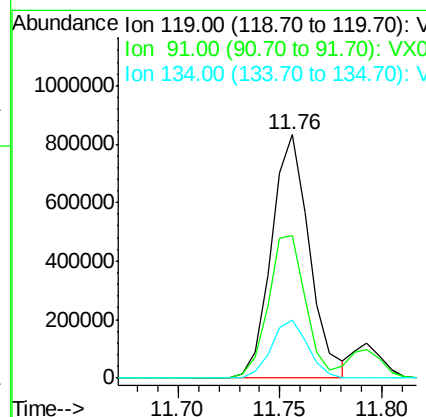
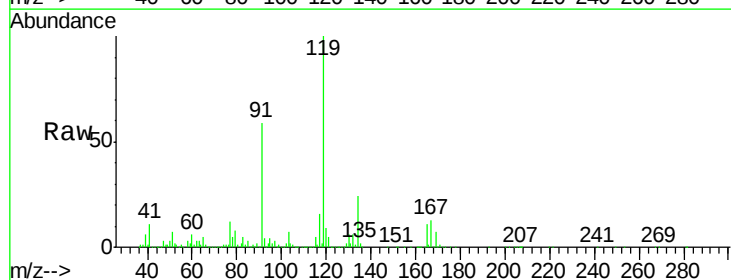
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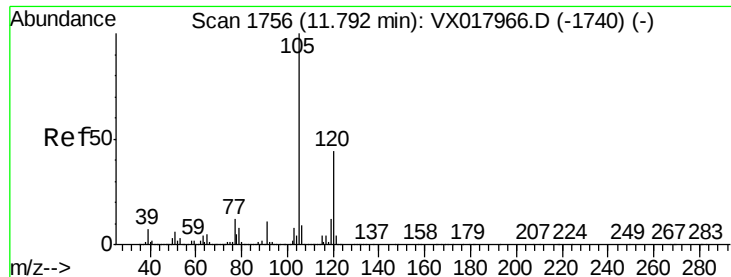
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#83
tert-Butylbenzene
Concen: 55.755 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion: 119 Resp: 1077581
Ion Ratio Lower Upper
119 100
91 57.5 30.1 90.5
134 22.8 11.1 33.1





#84

1,2,4-Trimethylbenzene

Concen: 52.804 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MS

Tot Ion:105 Resp: 1118755

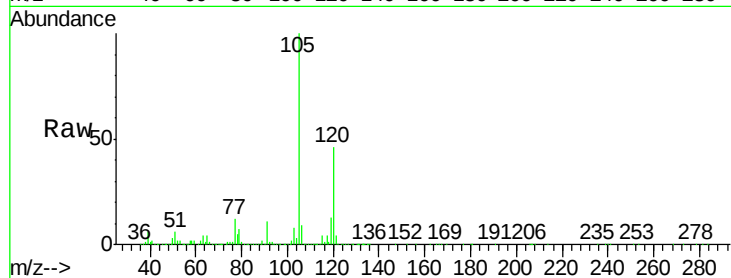
Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.1

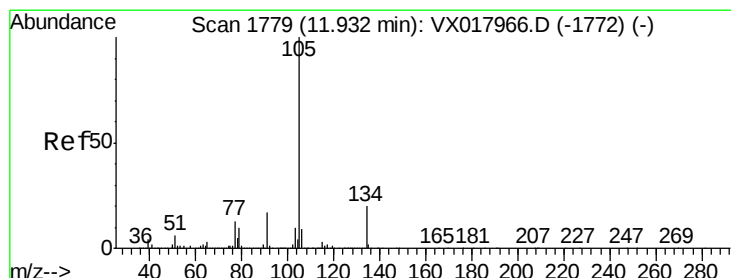
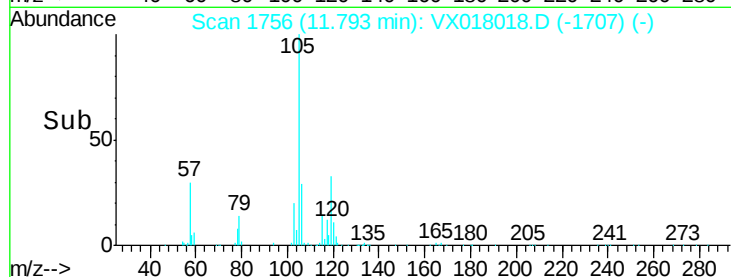
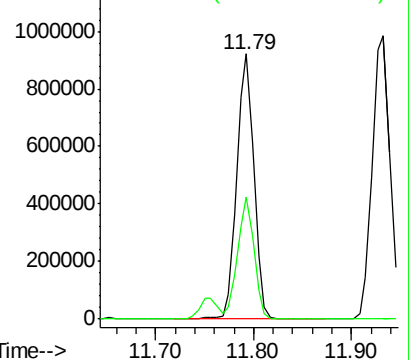
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.860 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018018.D

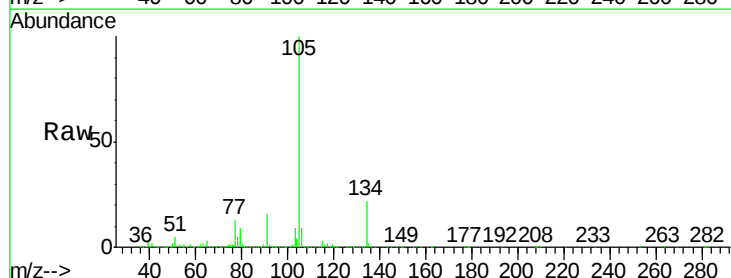
Acq: 20 Aug 2020 05:23

Tgt Ion:105 Resp: 1233249

Ion Ratio Lower Upper

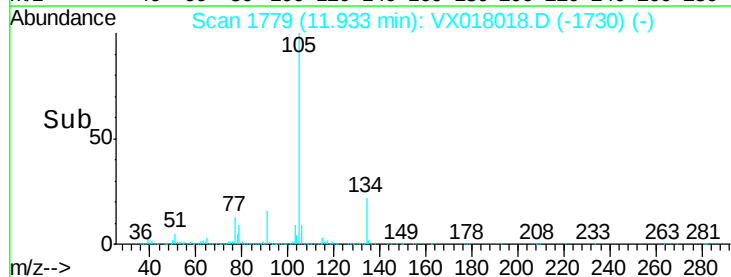
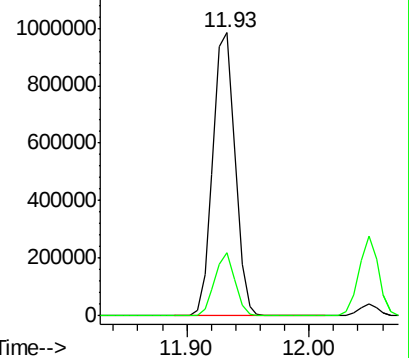
105 100

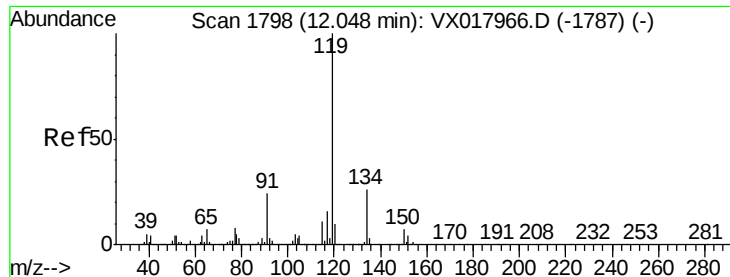
134 20.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





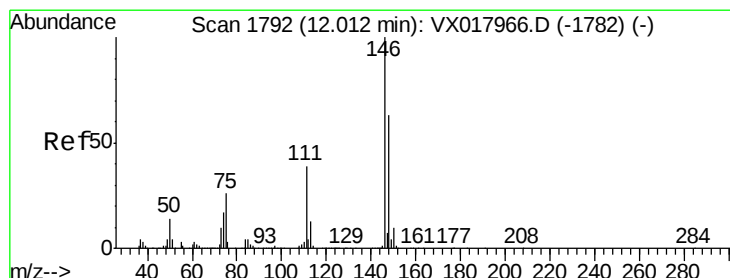
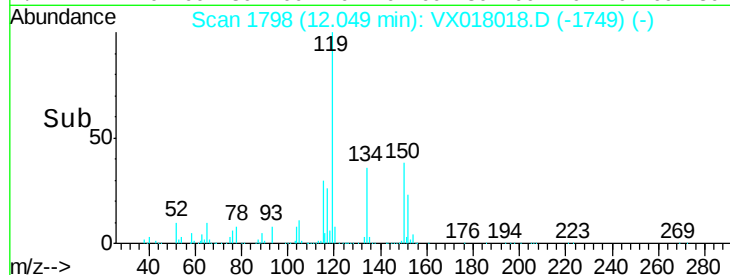
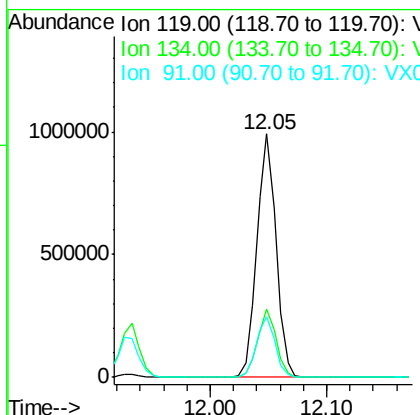
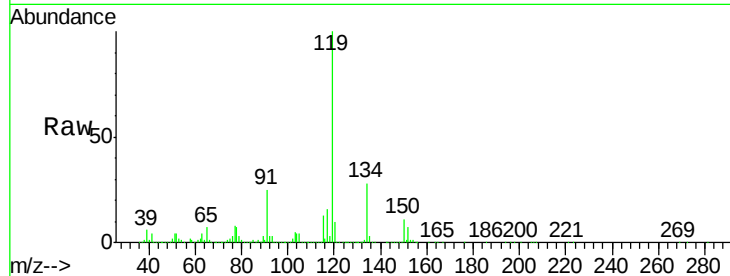
#86
p-Isopropyltoluene
Concen: 52.434 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.7	38.0
91	24.5	12.2	36.4

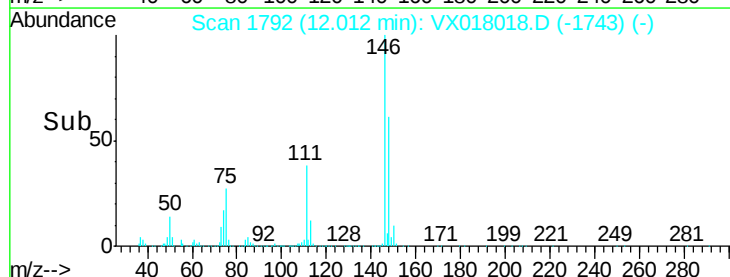
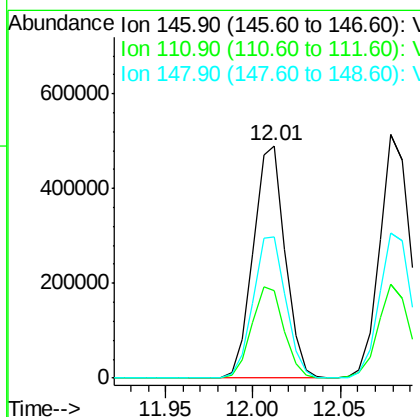
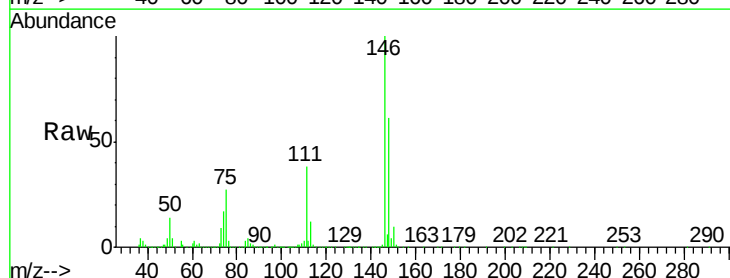
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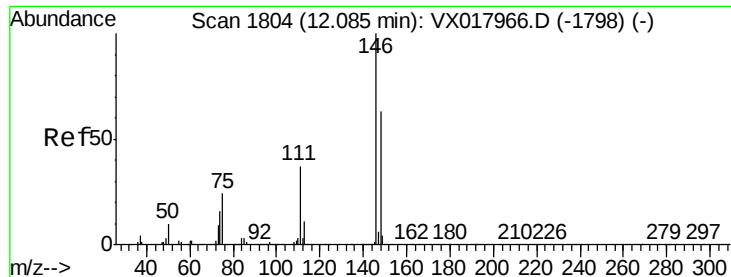
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#87
1,3-Dichlorobenzene
Concen: 52.873 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.3
148	62.2	31.6	95.0





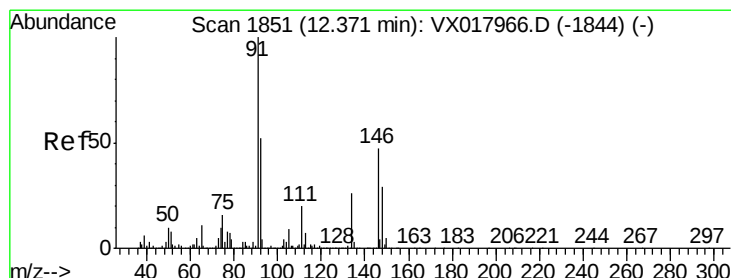
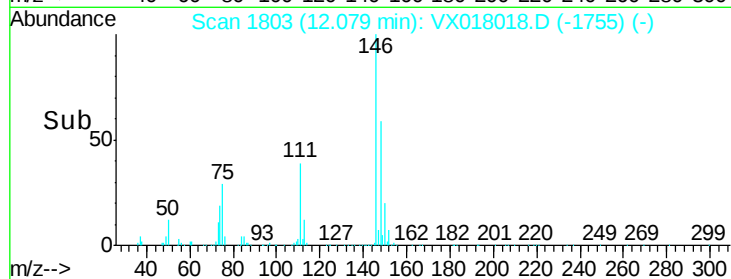
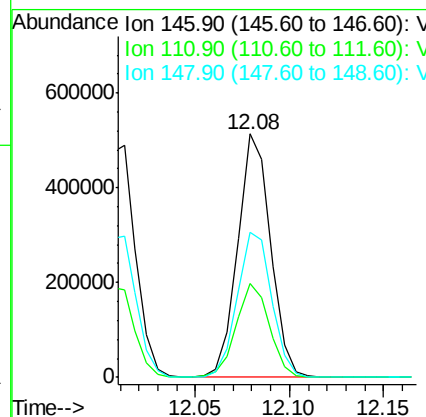
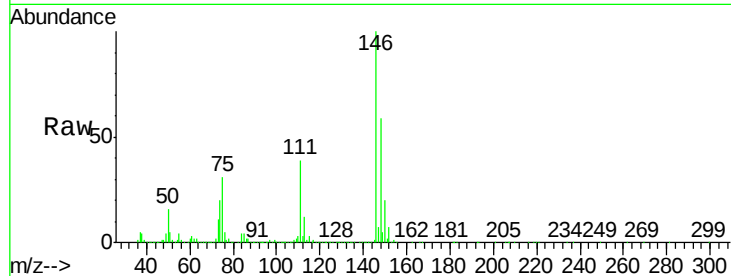
#88
 1,4-Dichlorobenzene
 Concen: 53.862 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	62.3	31.9	95.7

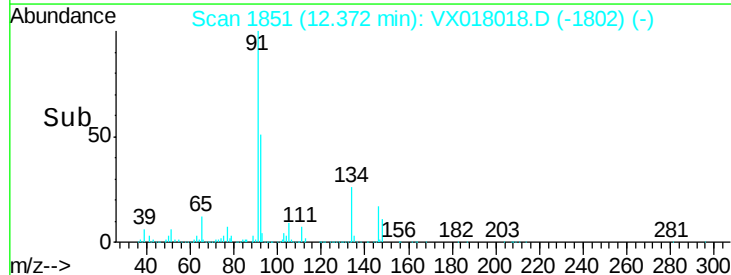
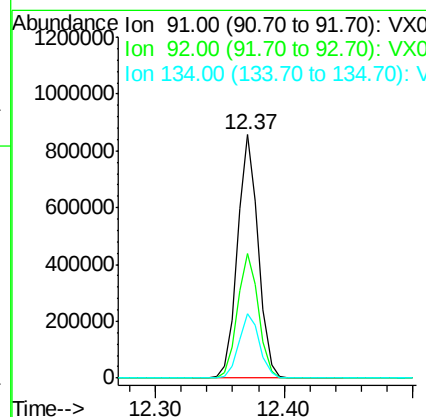
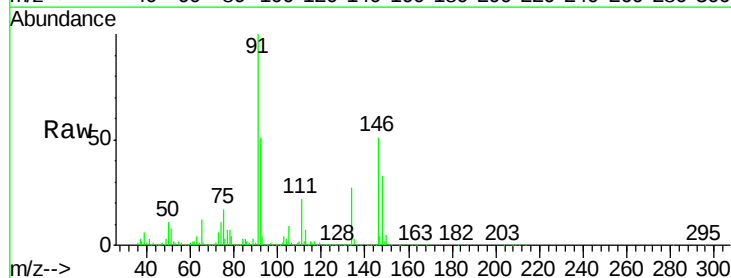
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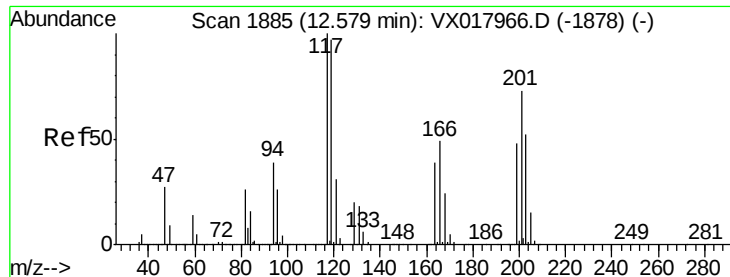
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#89
 n-Butylbenzene
 Concen: 53.448 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.7	77.0
134	26.6	13.4	40.2





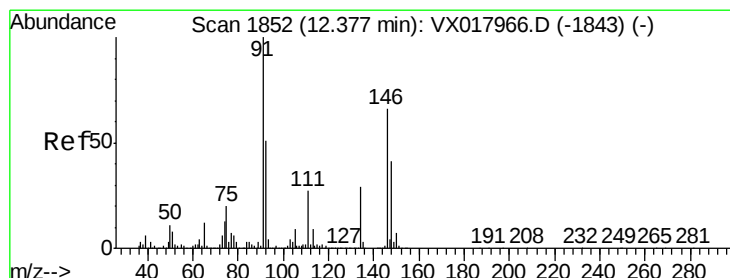
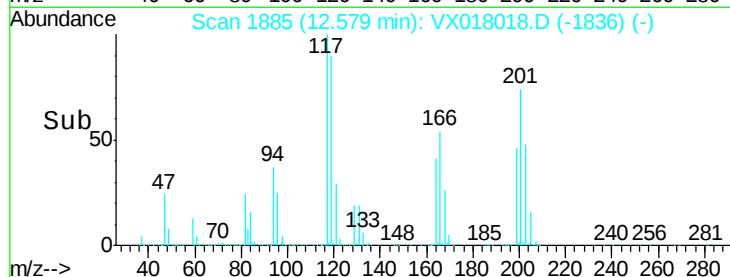
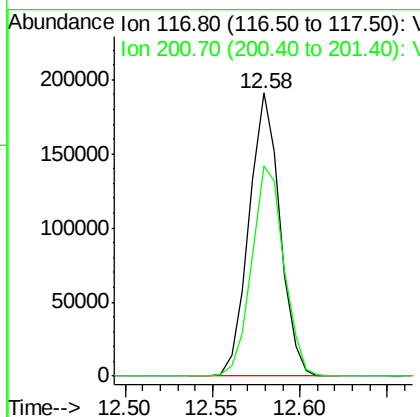
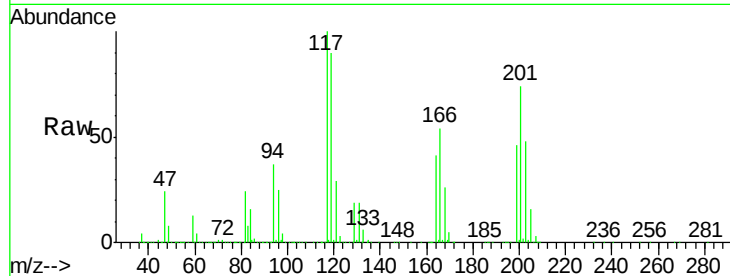
#90
Hexachloroethane
Concen: 54.164 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	233790		
201	78.1	40.8	122.2	

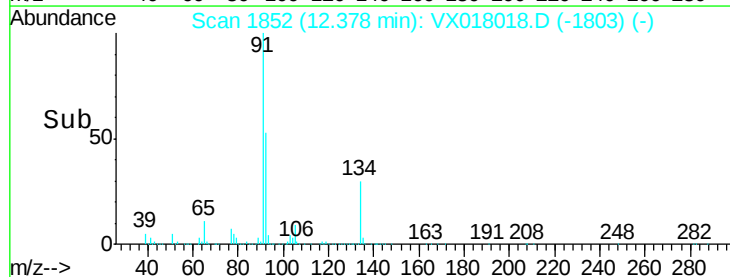
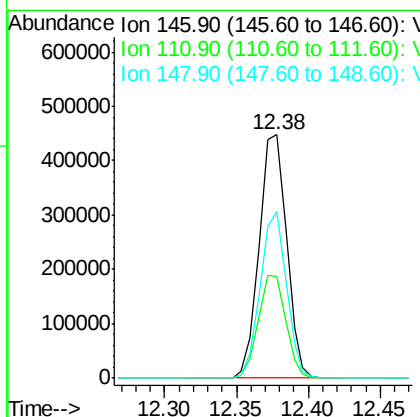
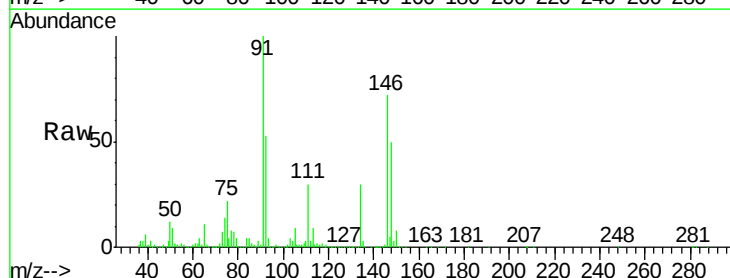
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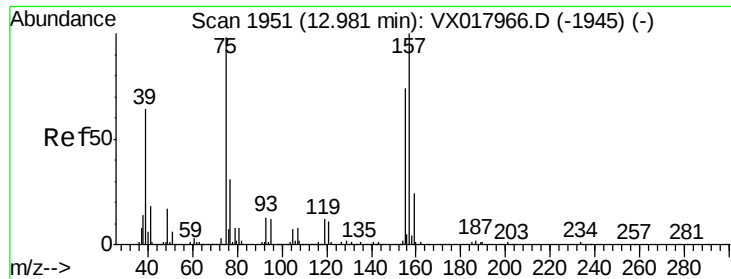
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#91
1,2-Dichlorobenzene
Concen: 54.095 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018018.D
Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	587924		
111	42.2	20.6	61.9	
148	65.7	31.2	93.6	





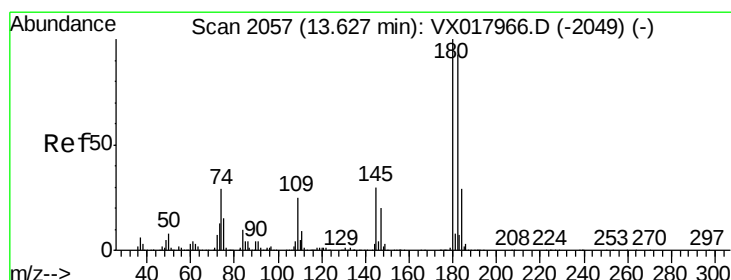
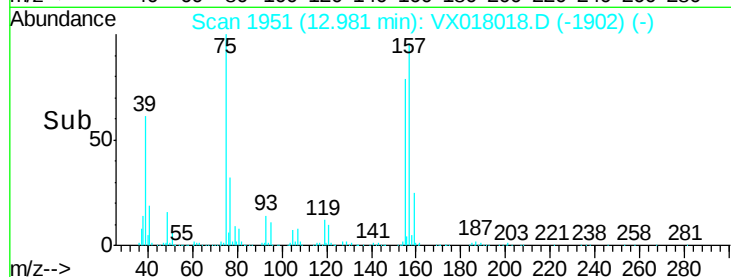
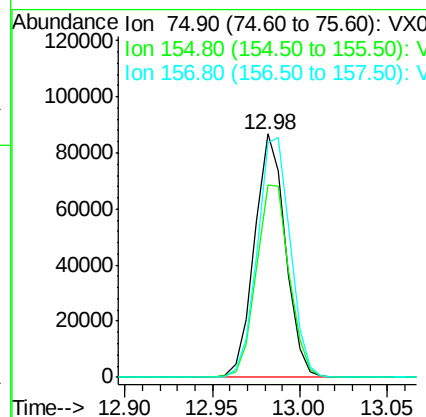
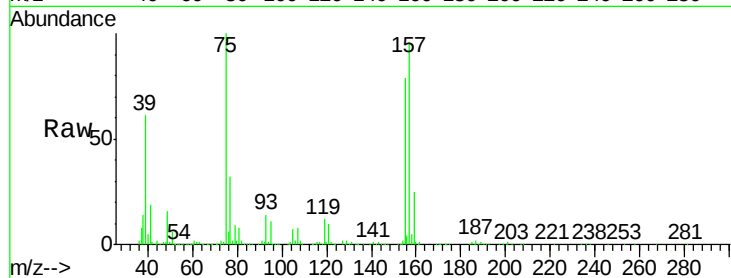
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.571 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.8	40.5	121.5
157	104.5	54.4	163.2

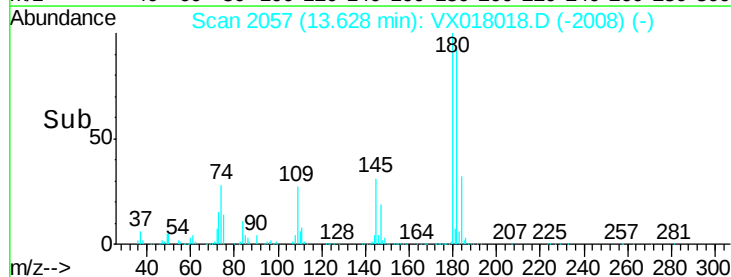
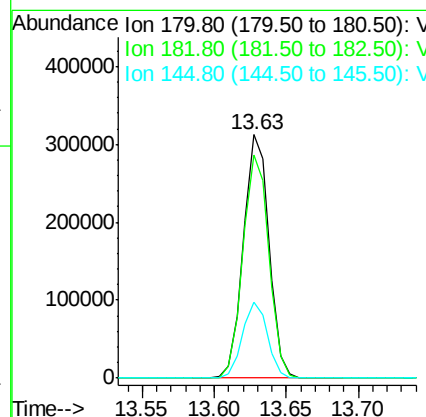
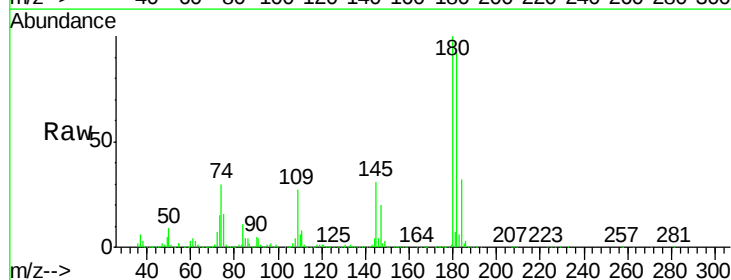
Manual Integrations
 APPROVED

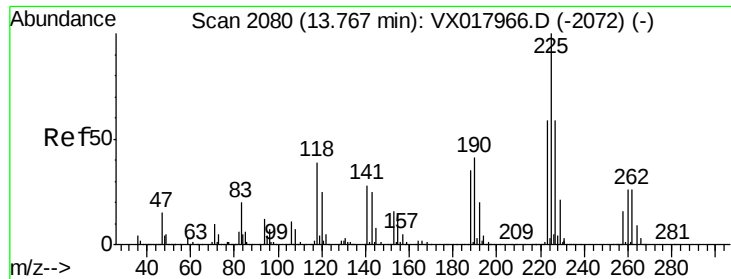
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.993 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.8	146.4
145	30.9	16.0	48.0





#94

Hexachlorobutadiene

Concen: 49.923 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Instrument :

MSVOA_X

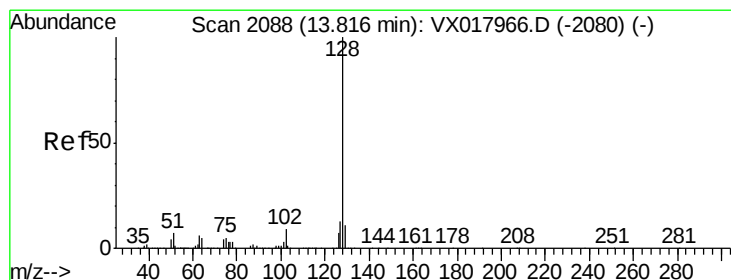
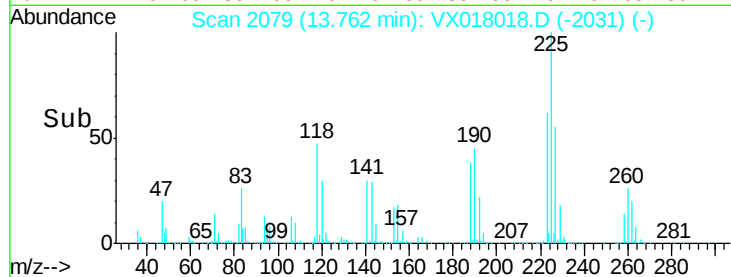
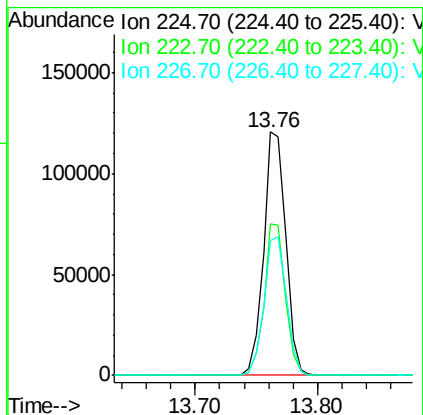
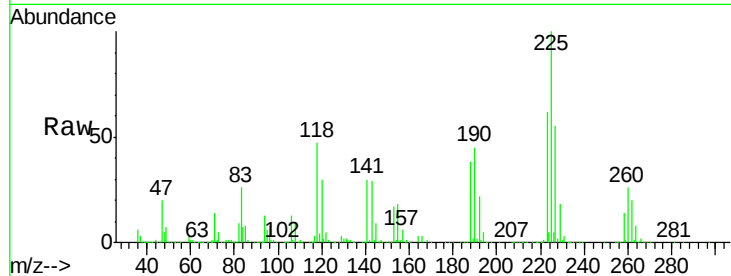
ClientSampleId :

MW-BR1-081320MS

Tot Ion:	225	Resp:	152331
Ion Ratio	Lower	Upper	
225	100		
223	59.2	32.1	96.3
227	57.8	29.8	89.5

Manual Integrations
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8/20/2020 9:17:43 AM



#95

Naphthalene

Concen: 56.368 ug/l

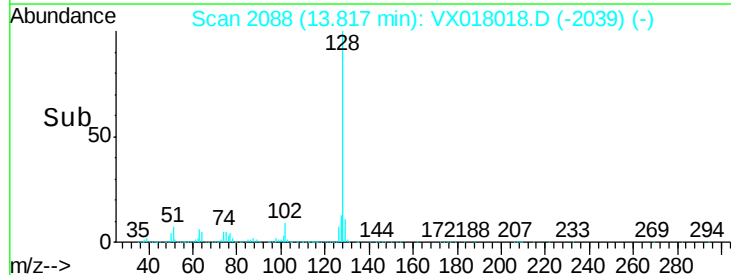
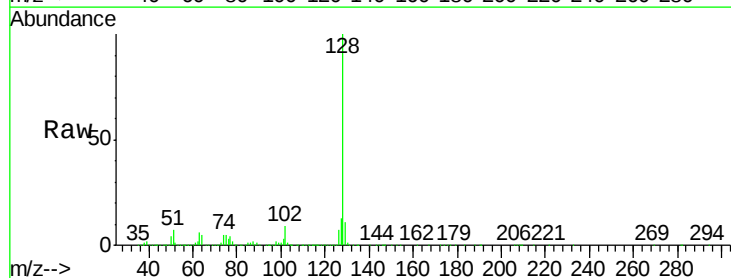
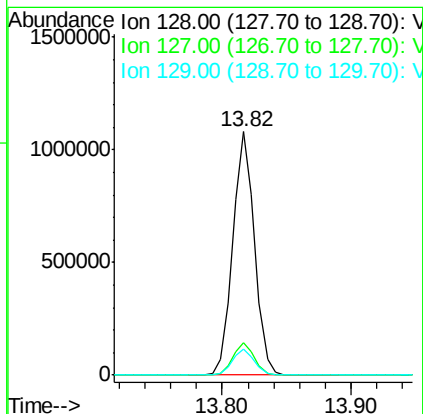
RT: 13.82 min Scan# 2088

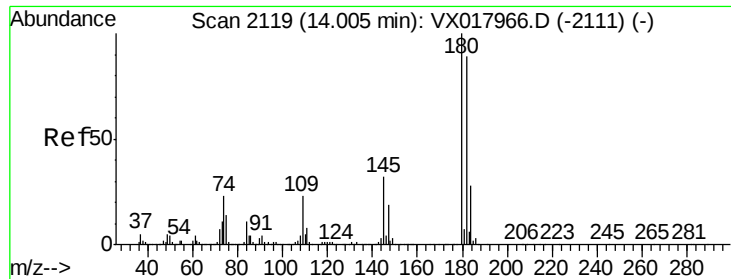
Delta R.T. 0.00 min

Lab File: VX018018.D

Acq: 20 Aug 2020 05:23

Tgt Ion:	128	Resp:	1272191
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	10.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 52.217 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018018.D
 Acq: 20 Aug 2020 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Tot Ion:	180	Resp:	379644
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.6	139.8
145	34.3	16.8	50.4

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:43 AM

