

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090120\
 Data File : VX018178.D
 Acq On : 01 Sep 2020 09:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:11 PM

Quant Time: Sep 02 02:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	459575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	681417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	366042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303846	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.46	113	238555	50.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.70	98	858006	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	355687	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	300671	53.735	ug/l	99
3) Chloromethane	1.31	50	282673	47.918	ug/l	99
4) Vinyl Chloride	1.39	62	281939	48.011	ug/l	97
5) Bromomethane	1.62	94	167451	59.119	ug/l	98
6) Chloroethane	1.70	64	167545	53.121	ug/l	98
7) Trichlorofluoromethane	1.91	101	454443	56.753	ug/l	99
8) Diethyl Ether	2.17	74	141215	52.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	226398	52.298	ug/l	97
10) Methyl Iodide	2.49	142	264147	56.288	ug/l	98
11) Tert butyl alcohol	3.02	59	282102	227.407	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213456	47.528	ug/l	96
13) Acrolein	2.27	56	130454	253.618	ug/l	100
14) Allyl chloride	2.70	41	409964	50.807	ug/l	97
15) Acrylonitrile	3.11	53	657384	233.614	ug/l	99
16) Acetone	2.42	43	549540	221.048	ug/l	94
17) Carbon Disulfide	2.54	76	628535	46.294	ug/l	99
18) Methyl Acetate	2.75	43	308947	51.498	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	804932	52.260	ug/l	98
20) Methylene Chloride	2.83	84	256594	50.490	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	248449	49.931	ug/l	99
22) Diisopropyl ether	3.82	45	799107	50.177	ug/l	98
23) Vinyl Acetate	3.78	43	3594345	253.643	ug/l	99
24) 1,1-Dichloroethane	3.67	63	453866	50.064	ug/l	98
25) 2-Butanone	4.64	43	903646	221.170	ug/l	99
26) 2,2-Dichloropropane	4.54	77	442086	59.934	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	281286	49.064	ug/l	99
28) Bromochloromethane	4.97	49	194350	44.413	ug/l	95
29) Tetrahydrofuran	5.09	42	577404	222.000	ug/l	98
30) Chloroform	5.17	83	478666	50.992	ug/l	99
31) Cyclohexane	5.54	56	383196	50.179	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	455589	52.887	ug/l	99
36) 1,1-Dichloropropene	5.76	75	354716	55.626	ug/l	100
37) Ethyl Acetate	4.79	43	361793	48.849	ug/l	99
38) Carbon Tetrachloride	5.75	117	421780	58.692	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395767	56.758	ug/l	97
40) Benzene	6.11	78	992187	52.952	ug/l	98
41) Methacrylonitrile	4.99	41	194591	47.851	ug/l	96
42) 1,2-Dichloroethane	6.16	62	405688	56.510	ug/l	97
43) Isopropyl Acetate	6.41	43	602240	50.344	ug/l	99
44) Trichloroethene	7.18	130	286799	54.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	269482	53.362	ug/l	95
46) Dibromomethane	7.63	93	185827	52.326	ug/l	97
47) Bromodichloromethane	7.87	83	396774	55.956	ug/l	98
48) Methyl methacrylate	7.74	41	300928	50.533	ug/l	99
49) 1,4-Dioxane	7.71	88	111296	1031.757	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1867360	252.709	ug/l	100
52) Toluene	8.76	92	642766	54.098	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	442817	56.346	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	456002	54.774	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	266165	52.526	ug/l	98
56) Ethyl methacrylate	9.16	69	404046	53.636	ug/l	98
57) 1,3-Dichloropropane	9.35	76	434696	52.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	819506	241.831	ug/l	98
59) 2-Hexanone	9.47	43	1463579	260.481	ug/l	100
60) Dibromochloromethane	9.56	129	330044	55.521	ug/l	100
61) 1,2-Dibromoethane	9.65	107	289570	52.635	ug/l	98
64) Tetrachloroethene	9.32	164	281412	56.199	ug/l	93
65) Chlorobenzene	10.12	112	720131	52.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	296162	55.214	ug/l	98
67) Ethyl Benzene	10.23	91	1269707	54.861	ug/l	99
68) m/p-Xylenes	10.34	106	982397	113.724	ug/l	99
69) o-Xylene	10.68	106	462935	55.282	ug/l	98
70) Styrene	10.70	104	810349	56.823	ug/l	99
71) Bromoform	10.84	173	257326	56.244	ug/l #	99
73) Isopropylbenzene	11.00	105	1295105	53.640	ug/l	99
74) N-amyl acetate	10.88	43	553039	48.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	381776	44.823	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	383200m	47.060	ug/l	
77) Bromobenzene	11.24	156	336523	50.423	ug/l	97
78) n-propylbenzene	11.34	91	1501330	54.763	ug/l	98
79) 2-Chlorotoluene	11.40	91	903729	53.356	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1117816	56.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	150186	49.815	ug/l	95
82) 4-Chlorotoluene	11.49	91	1078950	53.585	ug/l	99
83) tert-Butylbenzene	11.76	119	1075956	54.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1132454	55.827	ug/l	100
85) sec-Butylbenzene	11.93	105	1265971	56.855	ug/l	99
86) p-Isopropyltoluene	12.05	119	1209546	59.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619872	52.900	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	617185	52.605	ug/l	97
89) n-Butylbenzene	12.37	91	1062207	56.899	ug/l	98
90) Hexachloroethane	12.58	117	230666	57.321	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	583284	52.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98369	46.190	ug/l	95

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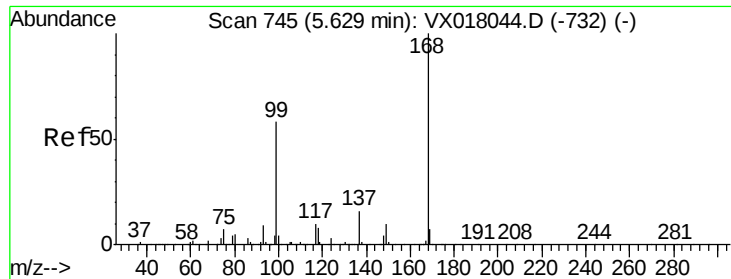
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	400092	54.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	161537	55.681	ug/l	97
95) Naphthalene	13.82	128	1248629	51.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	399616	54.985	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 459575

Ion Ratio Lower Upper

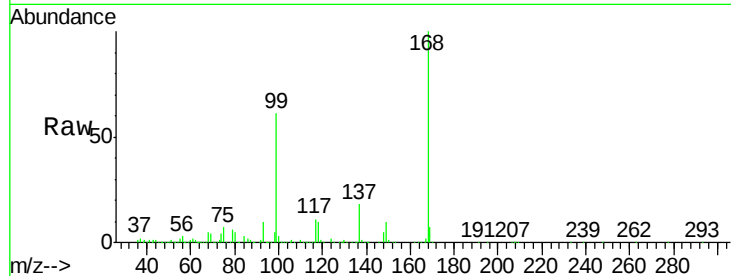
168 100

99 60.8 46.3 69.5

Manual Integrations
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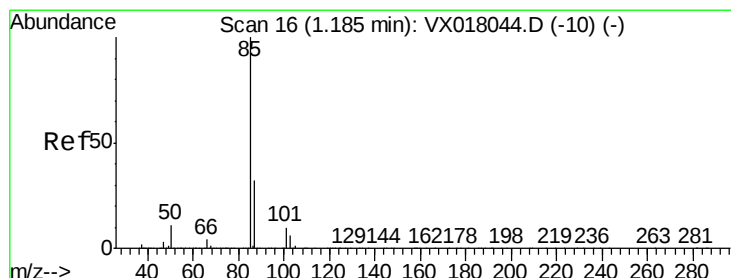
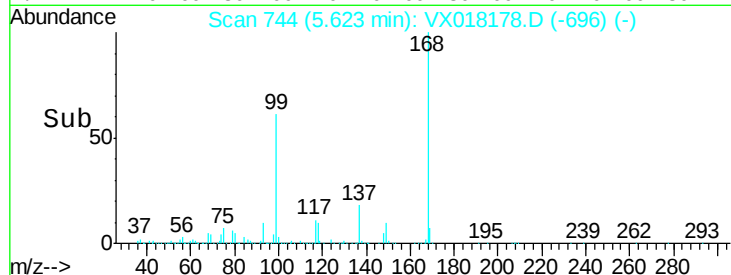
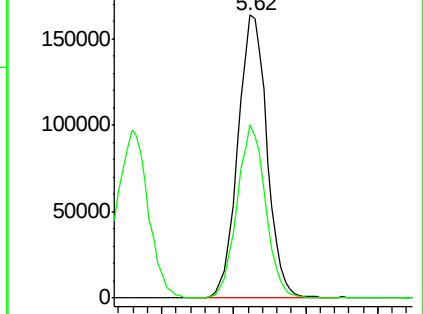
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.735 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018178.D

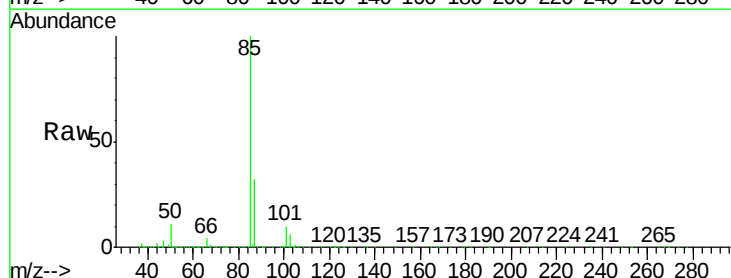
Acq: 01 Sep 2020 09:31

Tgt Ion: 85 Resp: 300671

Ion Ratio Lower Upper

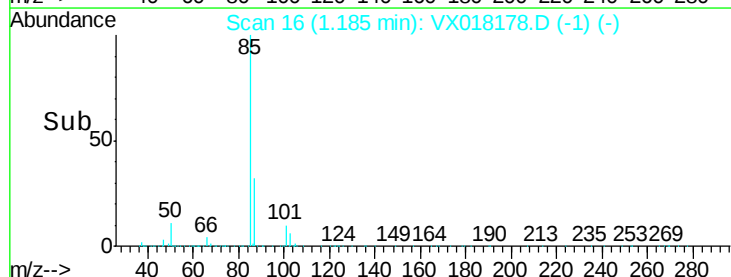
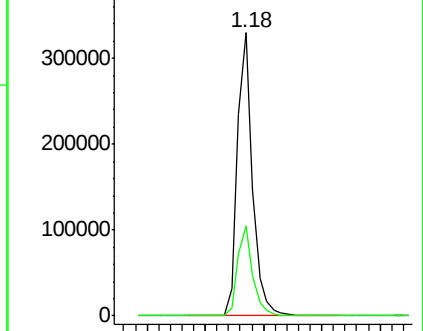
85 100

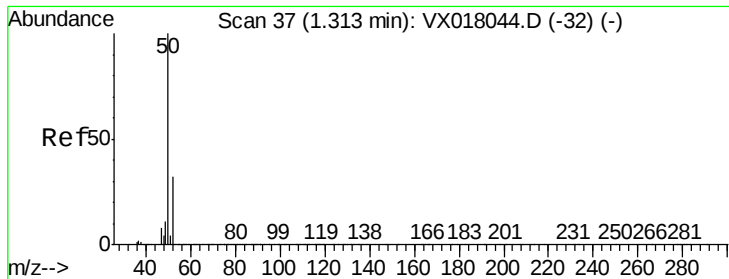
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.918 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 282673

Ion Ratio Lower Upper

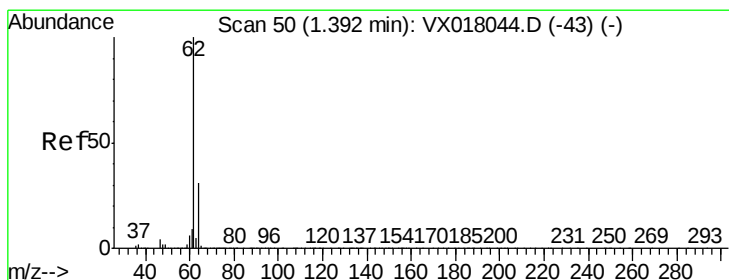
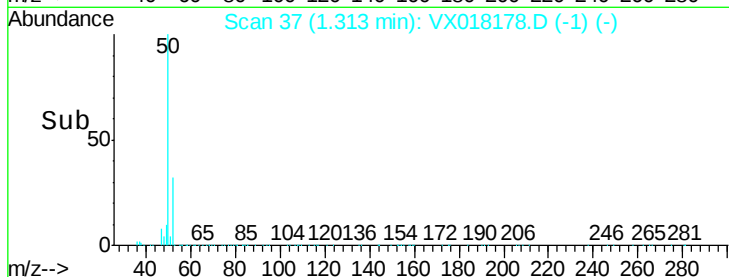
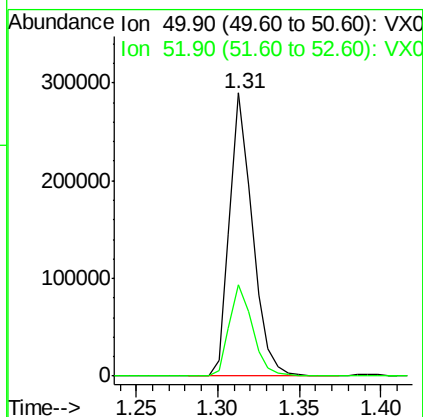
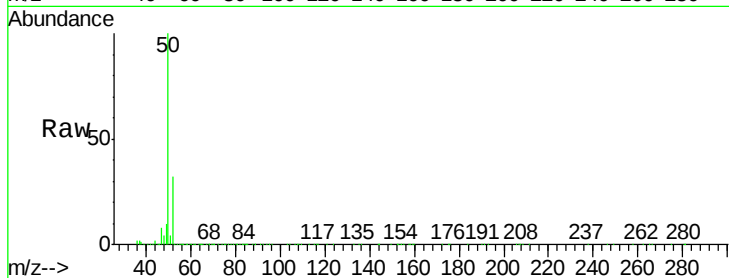
50 100

52 32.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 48.011 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018178.D

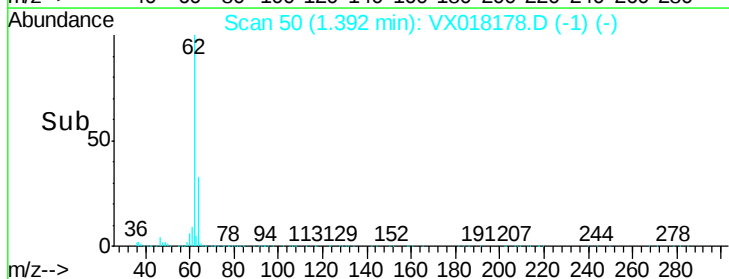
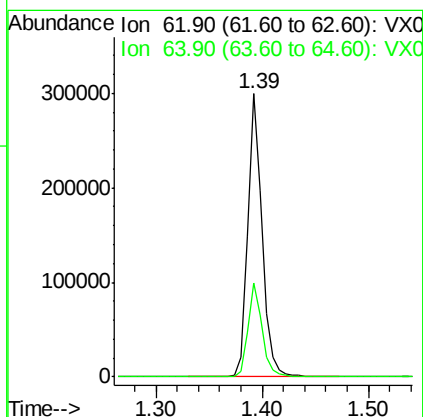
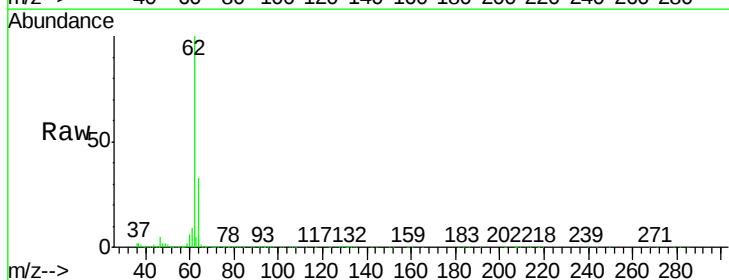
Acq: 01 Sep 2020 09:31

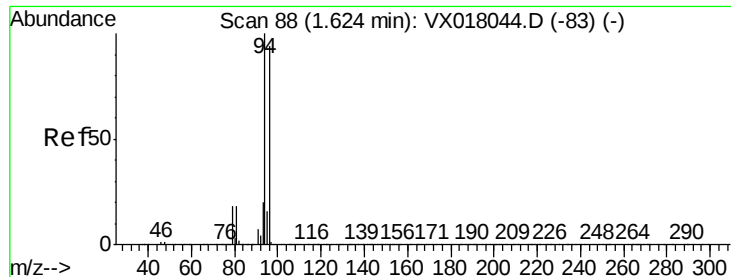
Tgt Ion: 62 Resp: 281939

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7





#5

Bromomethane

Concen: 59.119 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 167451

Ion Ratio Lower Upper

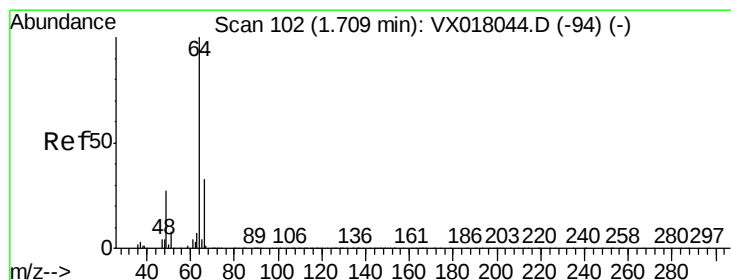
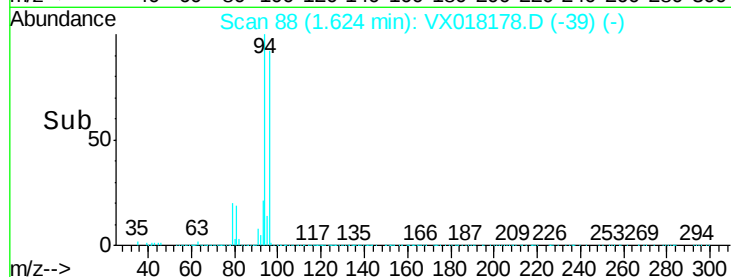
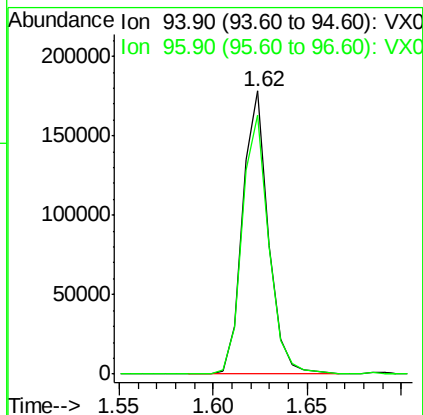
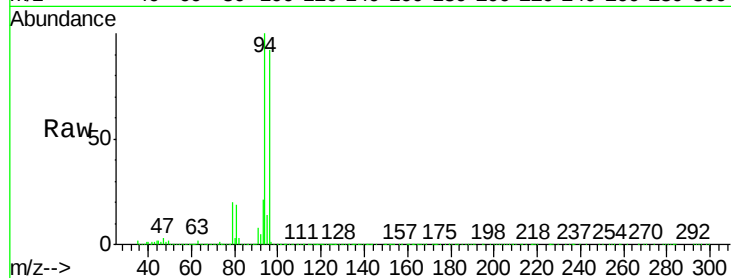
94 100

96 91.5 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 53.121 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018178.D

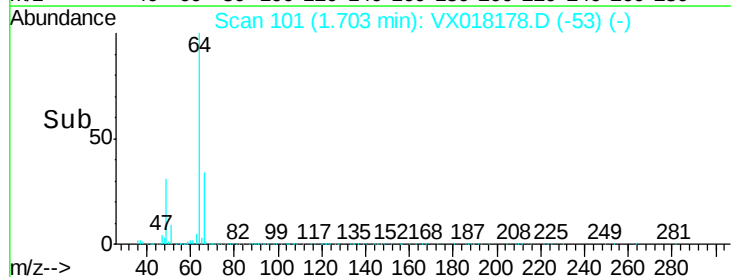
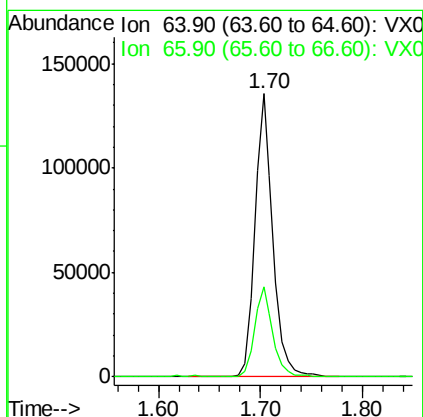
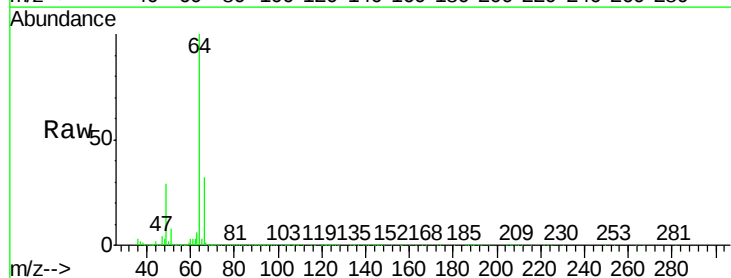
Acq: 01 Sep 2020 09:31

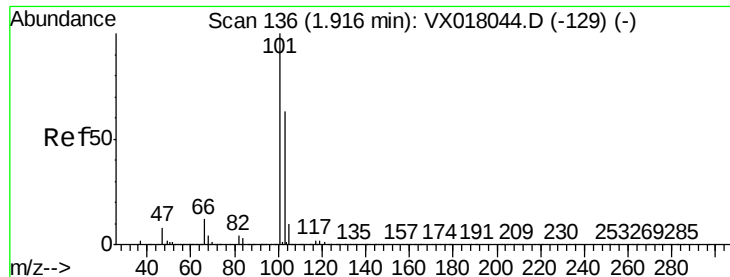
Tgt Ion: 64 Resp: 167545

Ion Ratio Lower Upper

64 100

66 31.8 26.6 39.8





#7

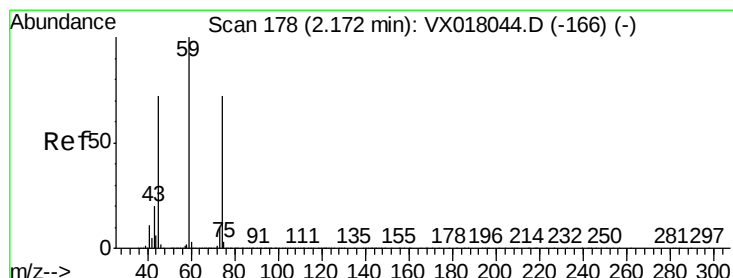
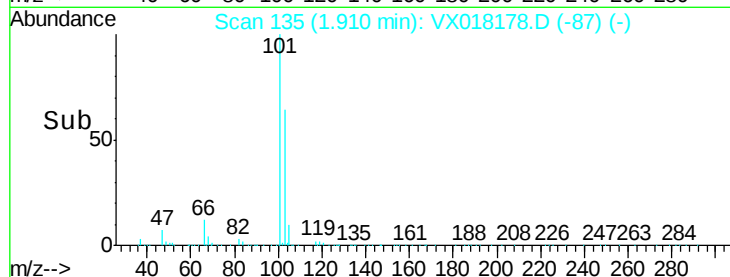
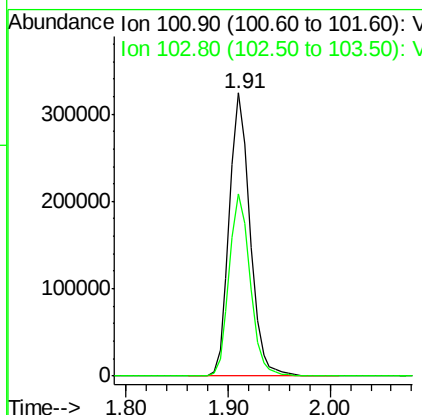
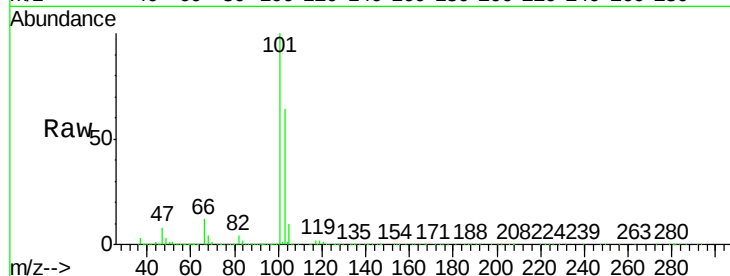
Trichlorofluoromethane
Concen: 56.753 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.7	76.1

Manual Integrations
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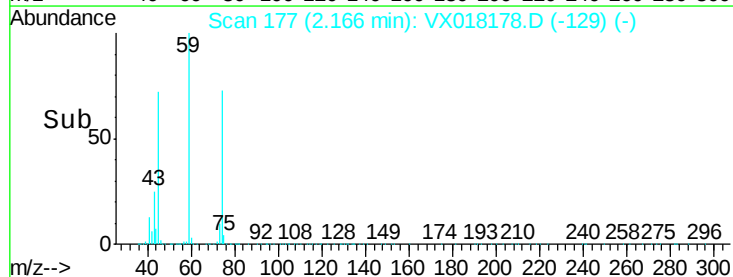
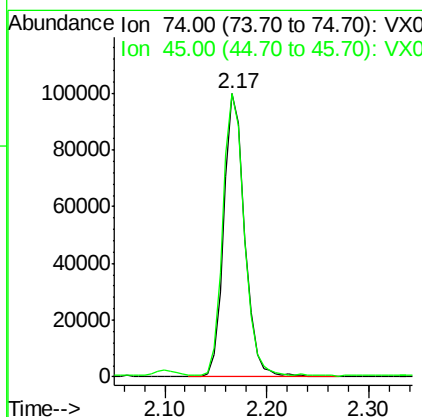
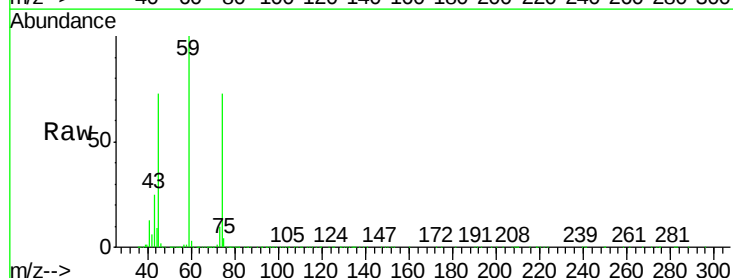
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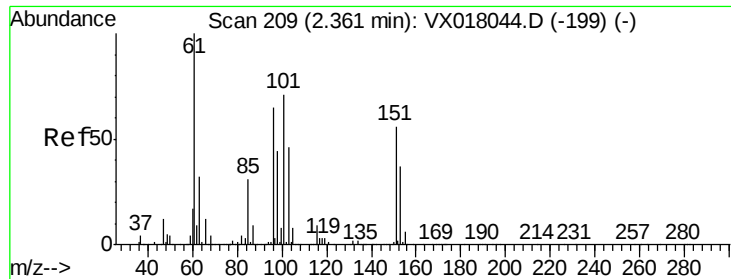


#8

Diethyl Ether
Concen: 52.003 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	50.7	152.3





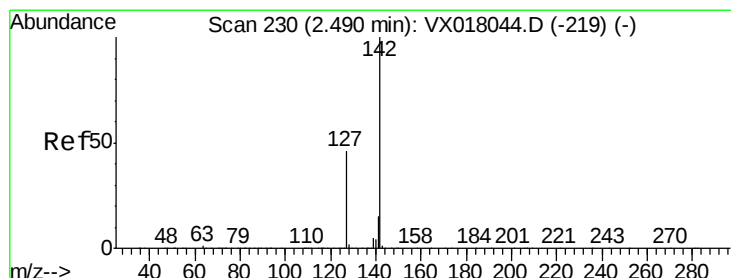
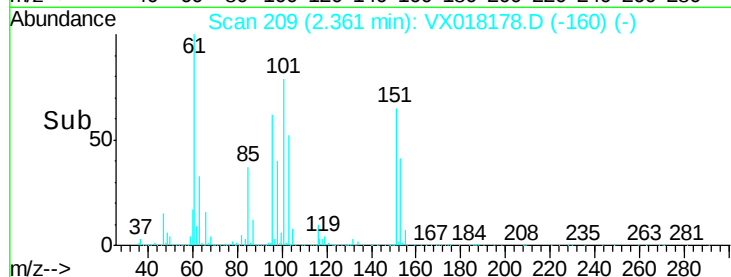
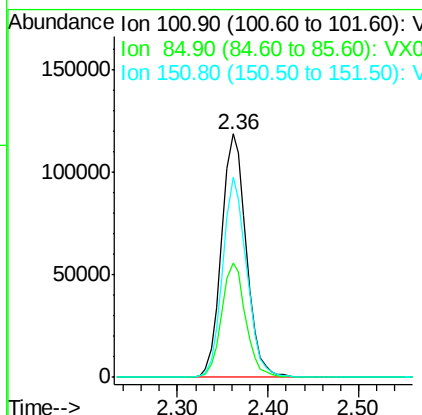
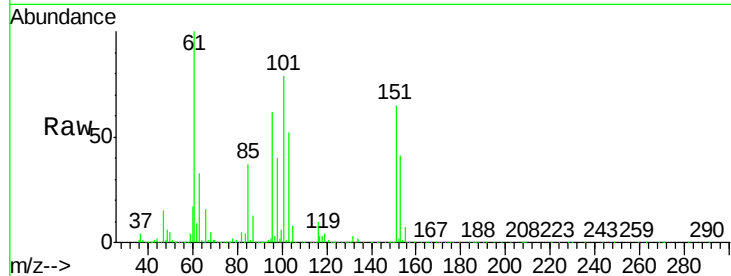
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.298 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	226398		
85	45.7	34.0	51.0	
151	79.9	65.2	97.8	

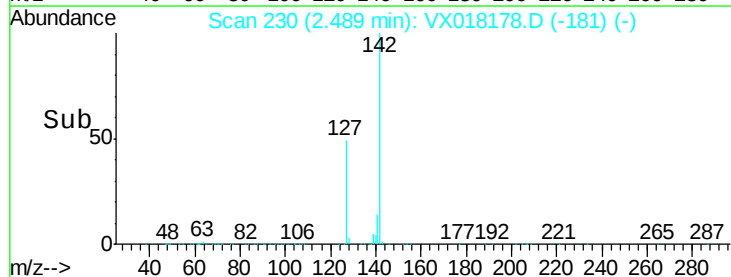
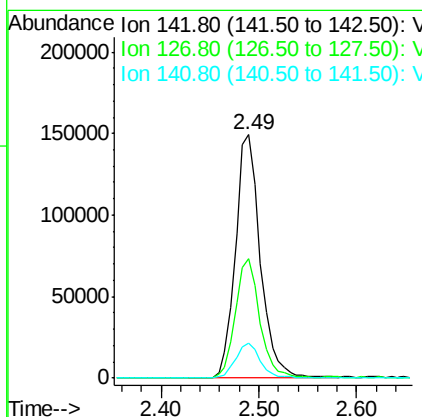
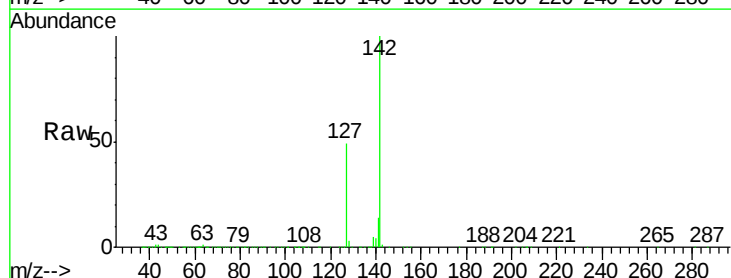
Manual Integrations
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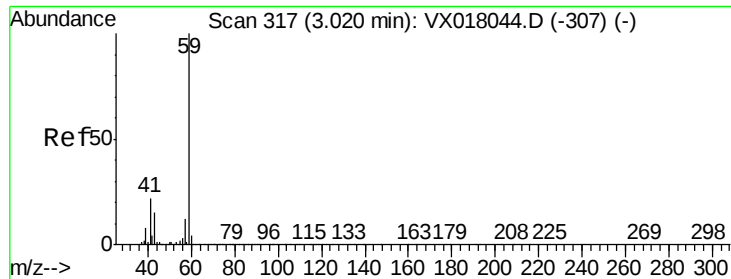
MMDadoda
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#10
Methyl Iodide
Concen: 56.288 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	264147		
127	48.1	37.0	55.6	
141	14.4	11.5	17.3	





#11

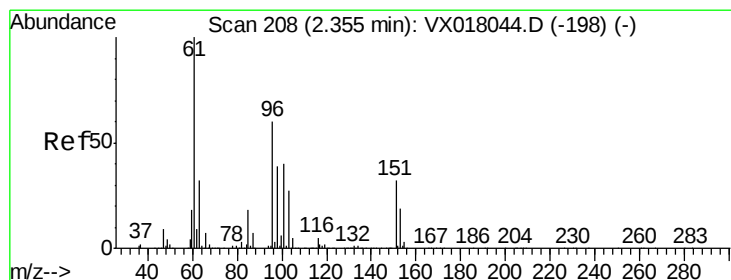
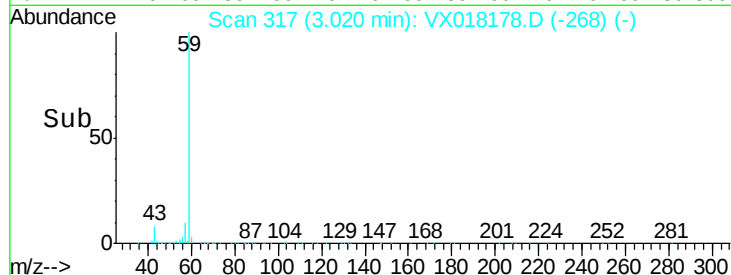
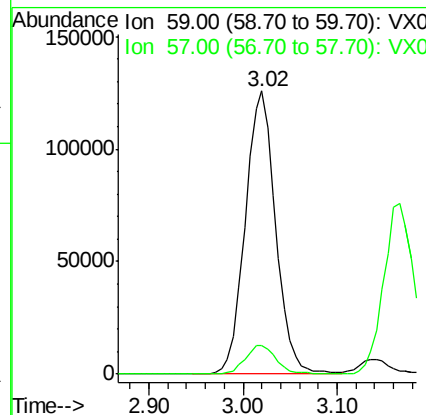
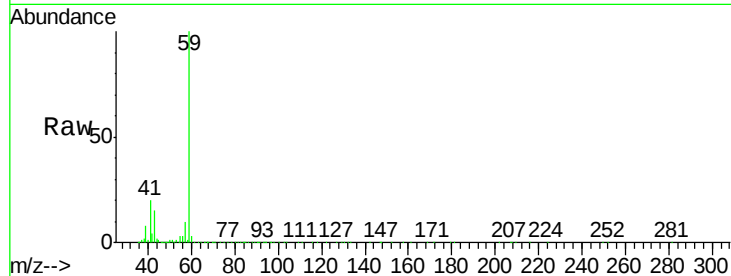
Tert butyl alcohol
Concen: 227.407 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

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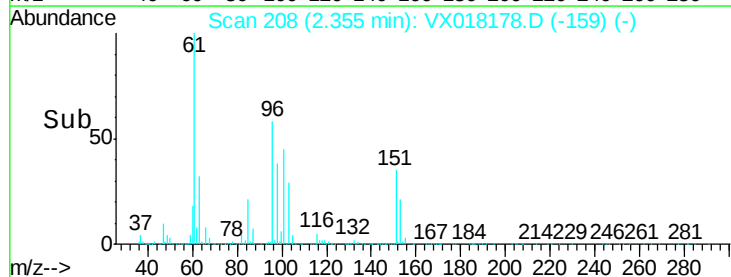
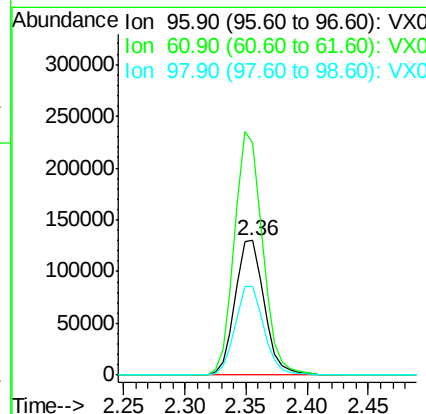
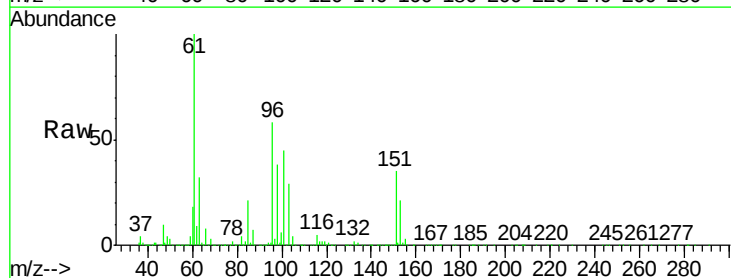
MMDadoda
9/2/2020 2:23:11 PM

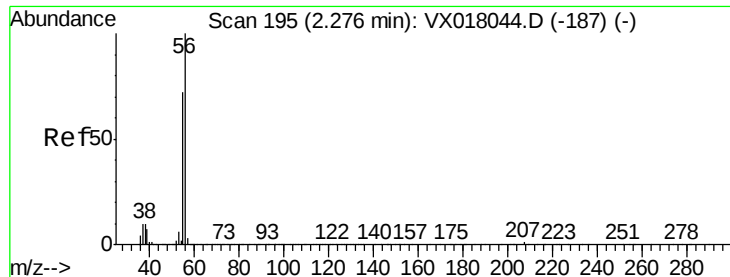


#12

1,1-Dichloroethene
Concen: 47.528 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.7	133.0	199.4
98	66.3	51.6	77.4





#13

Acrolein

Concen: 253.618 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 130454

Ion Ratio Lower Upper

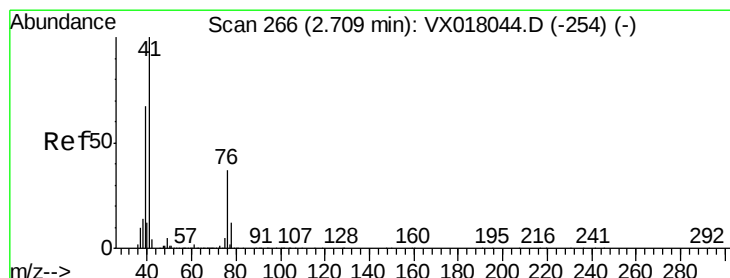
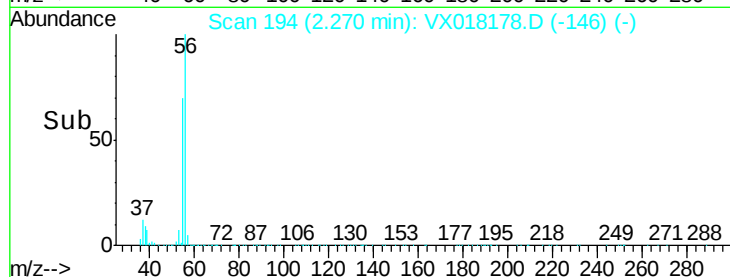
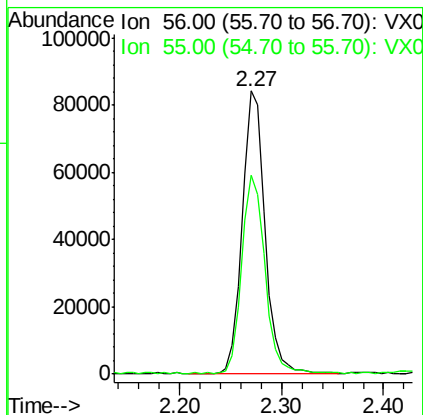
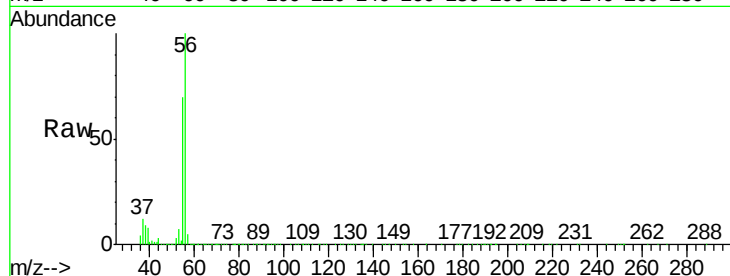
56 100

55 71.2 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 50.807 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

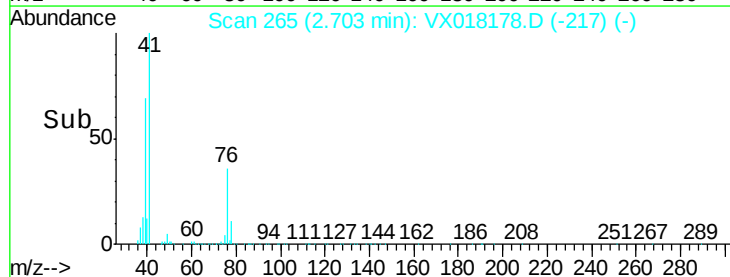
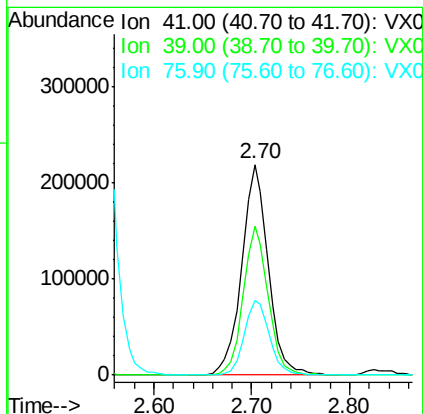
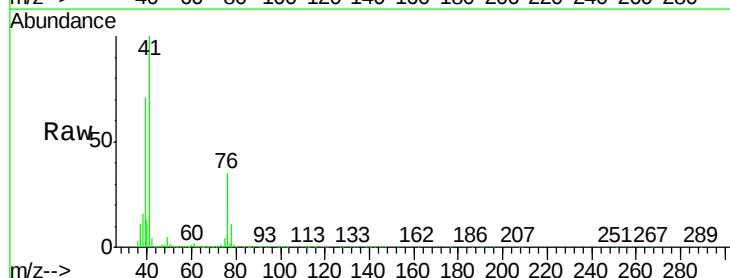
Tgt Ion: 41 Resp: 409964

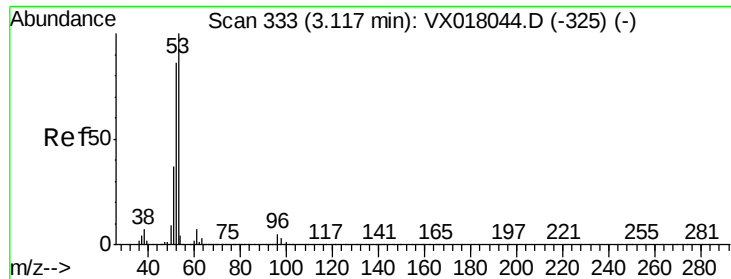
Ion Ratio Lower Upper

41 100

39 66.0 50.6 76.0

76 33.5 26.2 39.2





#15

Acrylonitrile

Concen: 233.614 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

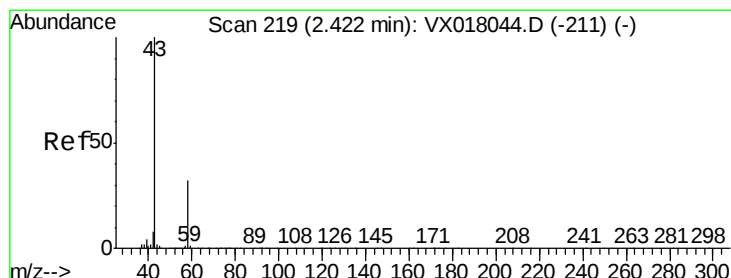
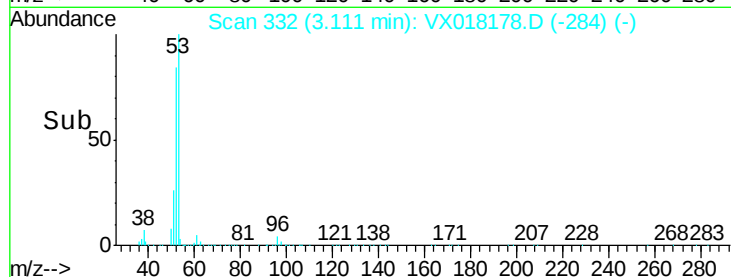
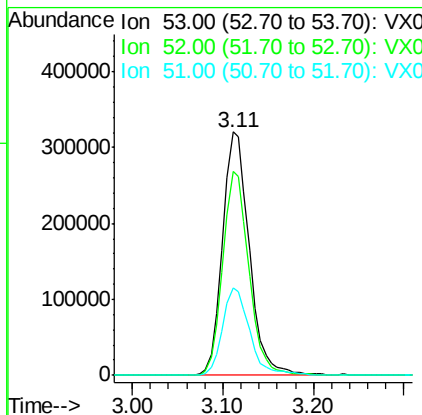
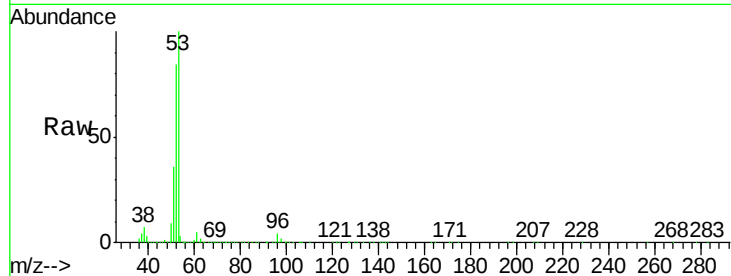
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	657384
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.9	100.3
51	36.2	28.7	43.1

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#16

Acetone

Concen: 221.048 ug/l

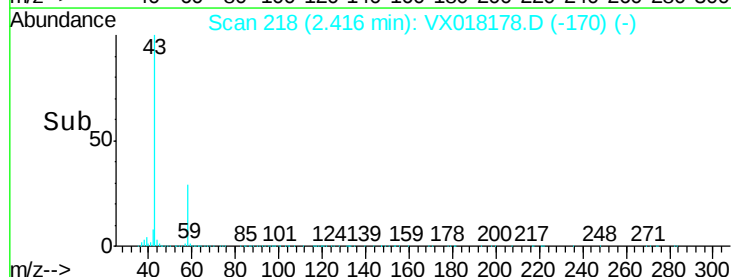
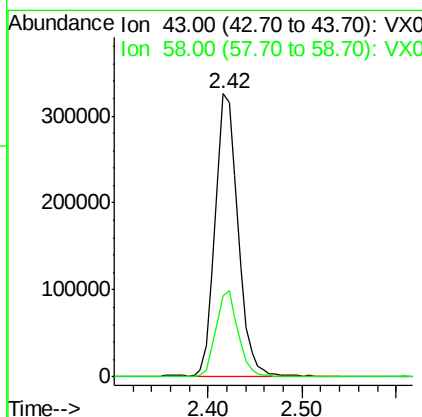
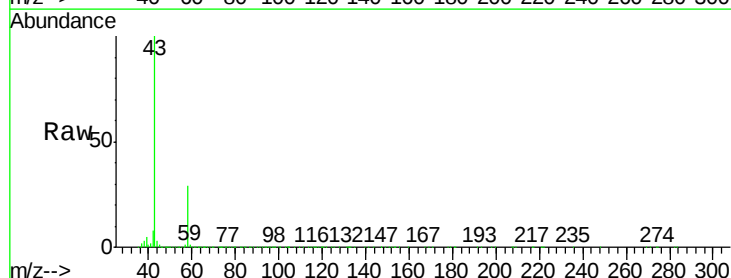
RT: 2.42 min Scan# 218

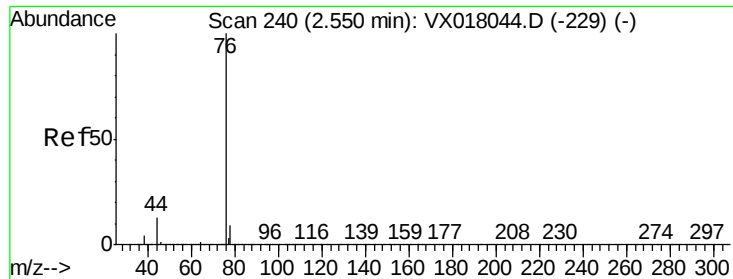
Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion:	43	Resp:	549540
Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.5	38.3





#17

Carbon Disulfide

Concen: 46.294 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 628535

Ion Ratio Lower Upper

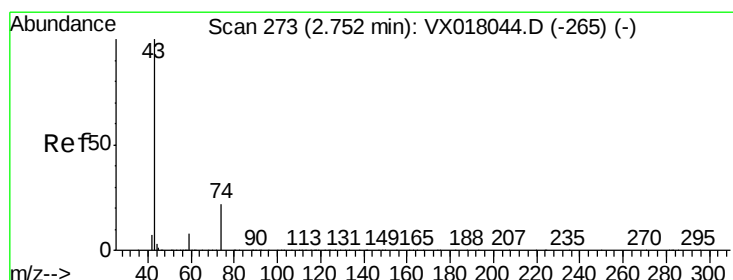
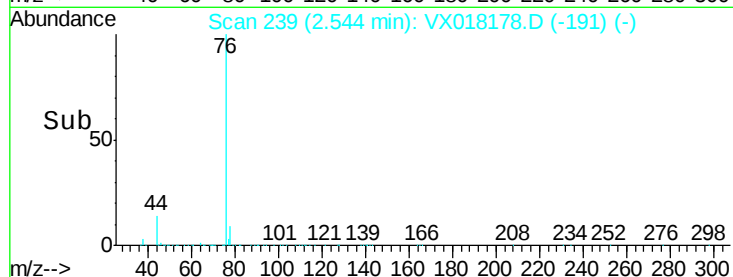
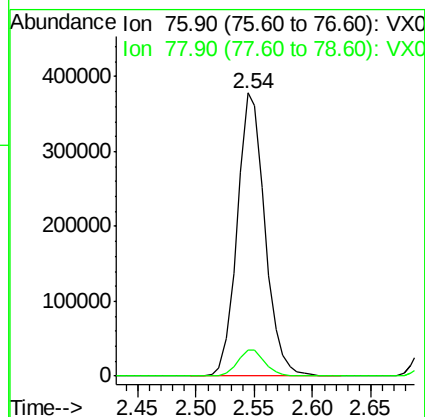
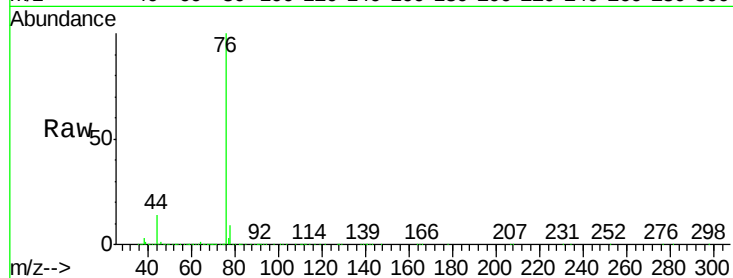
76 100

78 9.4 7.4 11.0

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#18

Methyl Acetate

Concen: 51.498 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018178.D

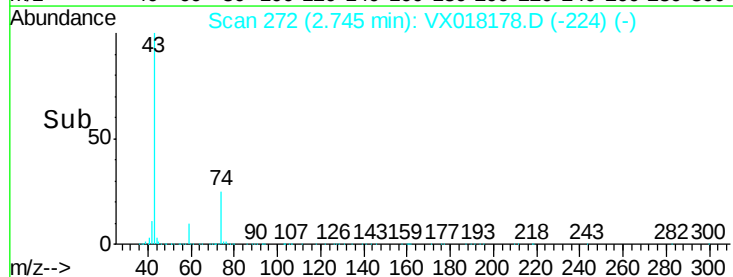
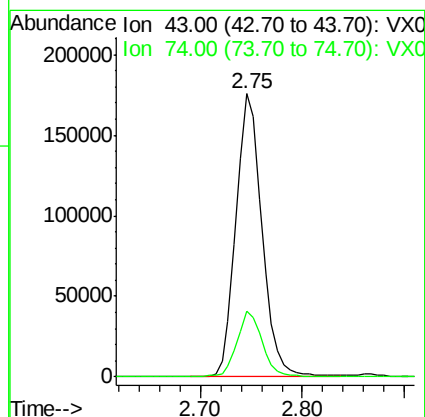
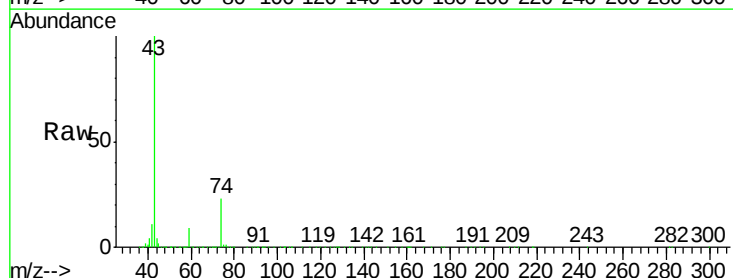
Acq: 01 Sep 2020 09:31

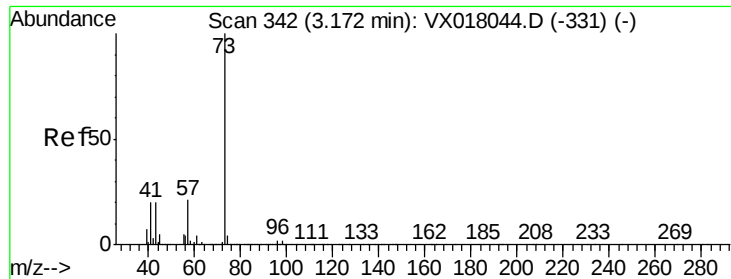
Tgt Ion: 43 Resp: 308947

Ion Ratio Lower Upper

43 100

74 22.7 18.2 27.4





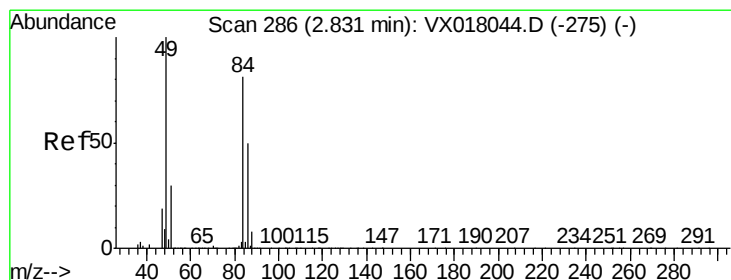
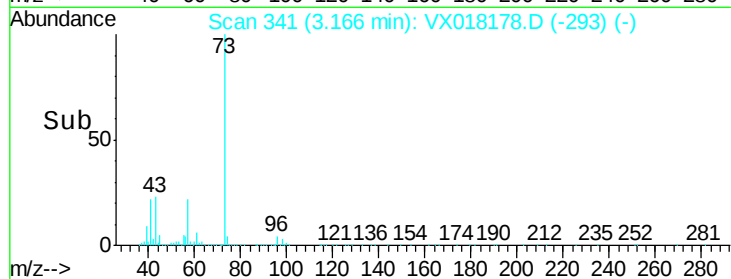
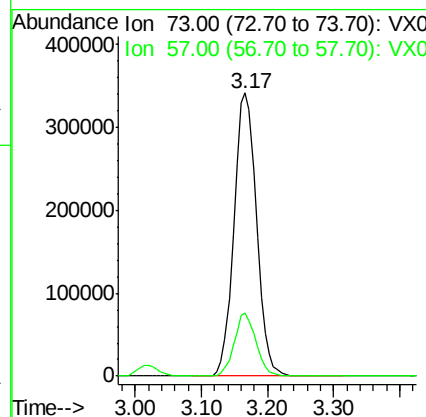
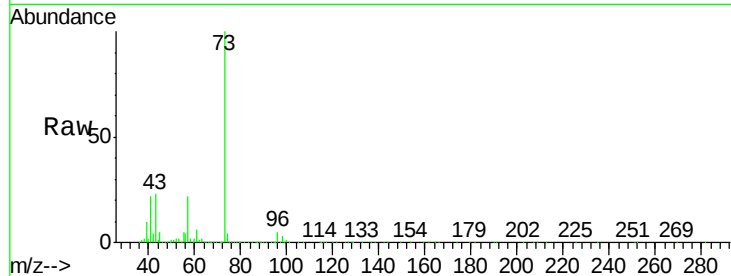
#19
Methyl tert-butyl Ether
Concen: 52.260 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

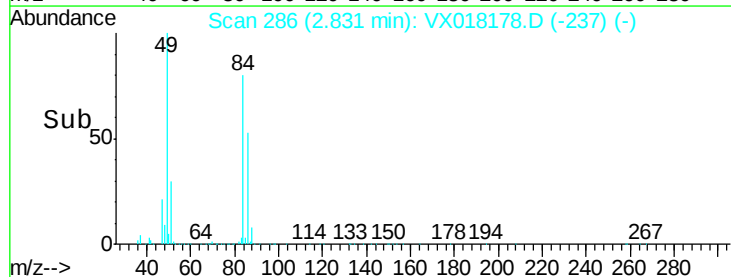
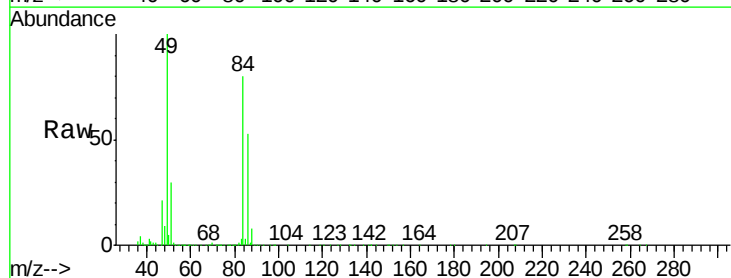
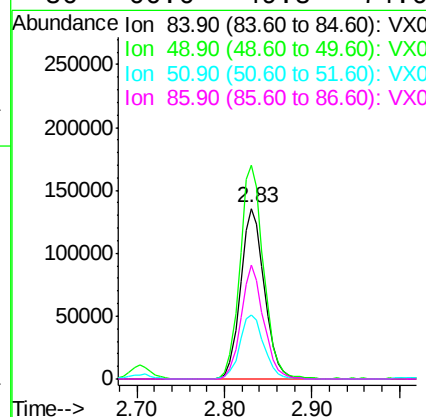
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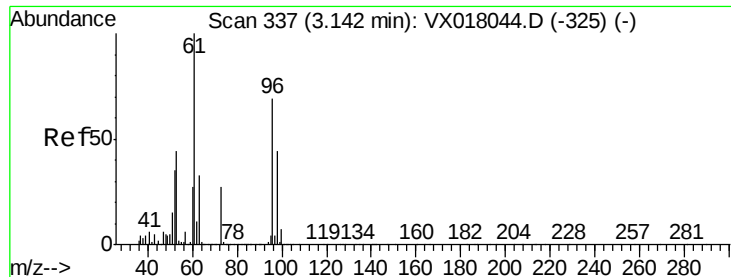
MMDadoda
9/2/2020 2:23:11 PM



#20
Methylene Chloride
Concen: 50.490 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	98.6	148.0
51	37.8	29.6	44.4
86	66.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.931 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

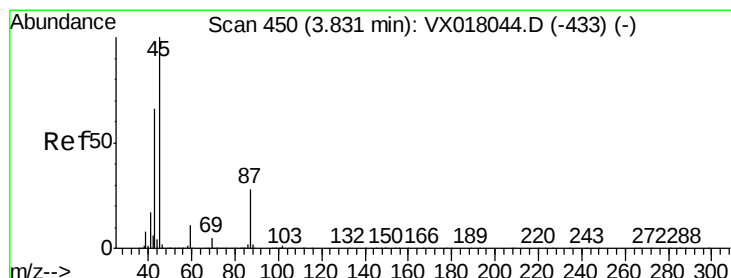
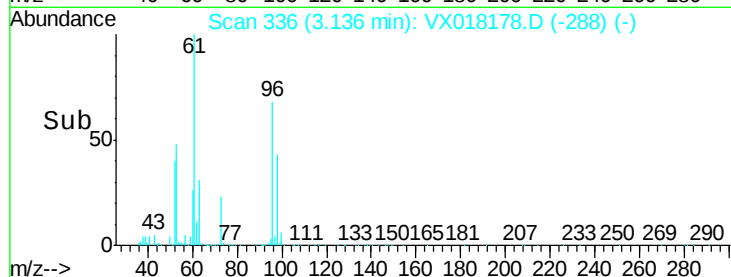
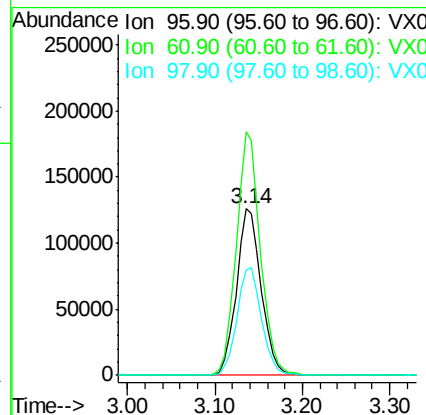
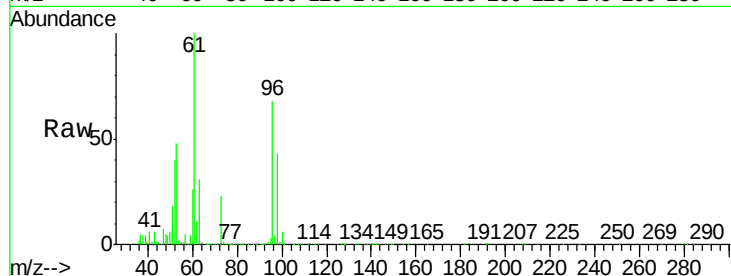
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	248449
Ion	Ratio	Lower	Upper
96	100		
61	146.5	115.4	173.0
98	63.4	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.177 ug/l

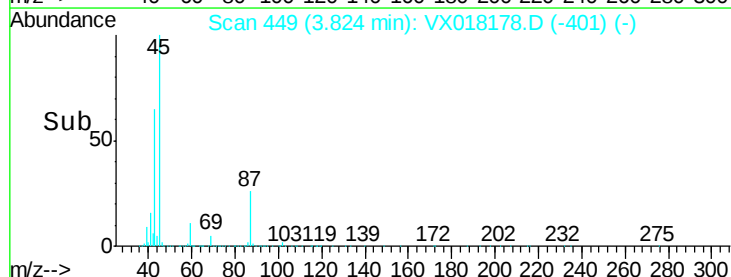
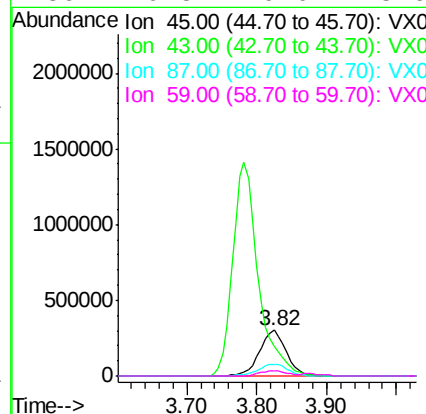
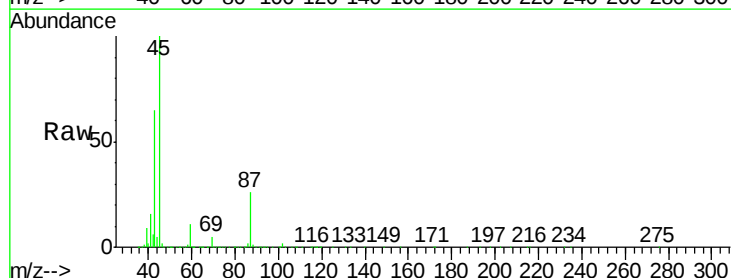
RT: 3.82 min Scan# 449

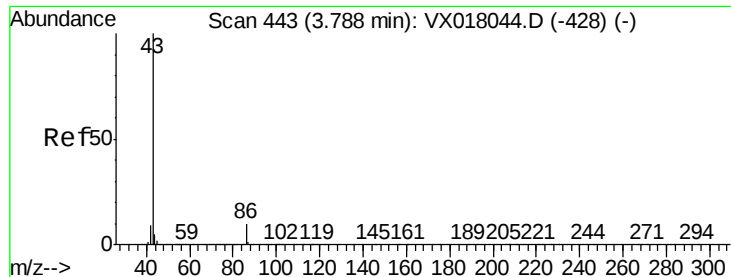
Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion:	45	Resp:	799107
Ion	Ratio	Lower	Upper
45	100		
43	65.1	52.8	79.2
87	26.0	22.5	33.7
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 253.643 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3594345

Ion Ratio Lower Upper

43 100

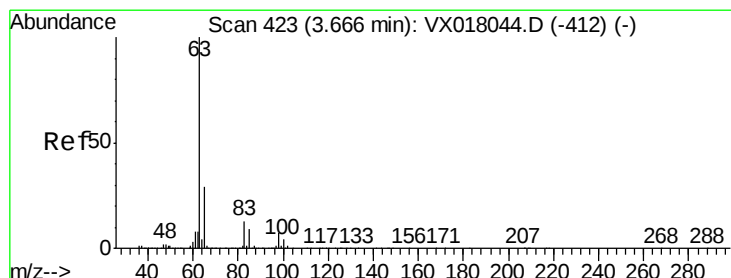
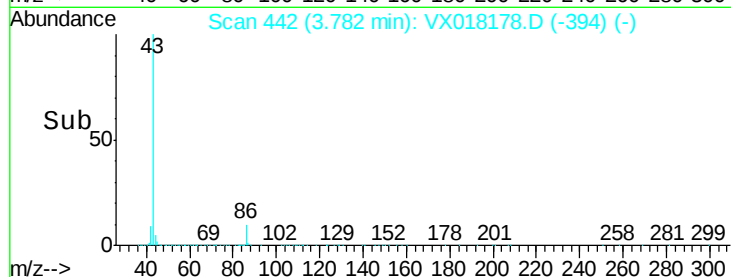
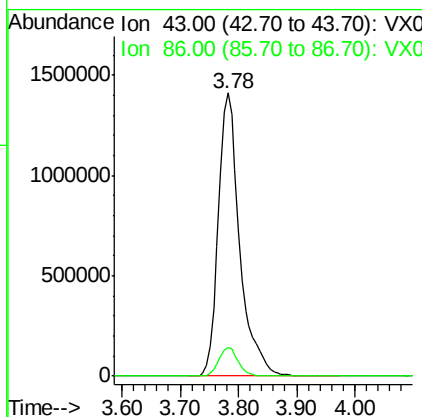
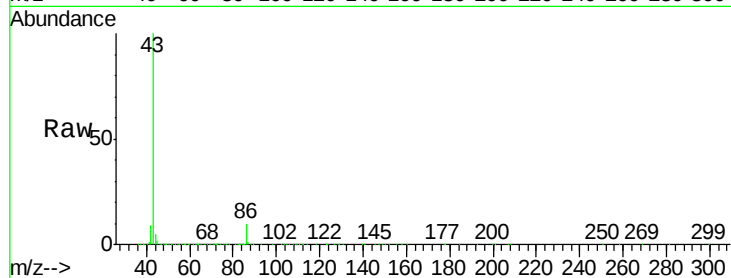
86 10.3 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.064 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

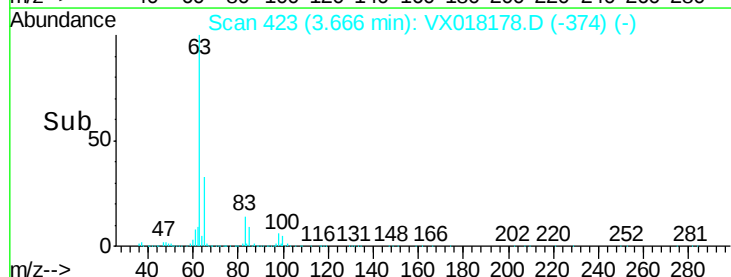
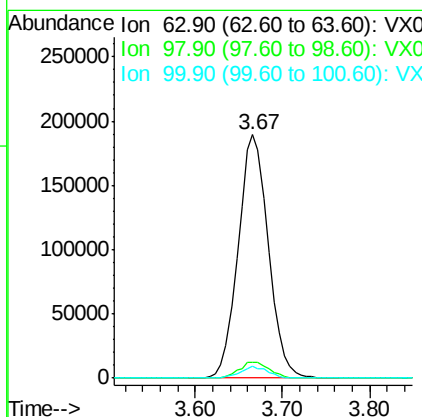
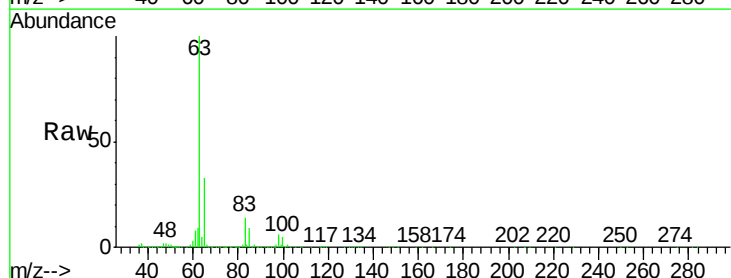
Tgt Ion: 63 Resp: 453866

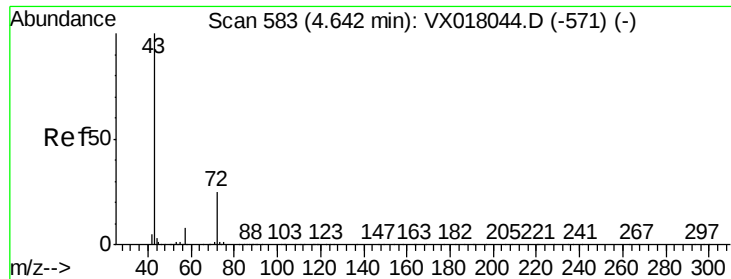
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 221.170 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 903646

Ion Ratio Lower Upper

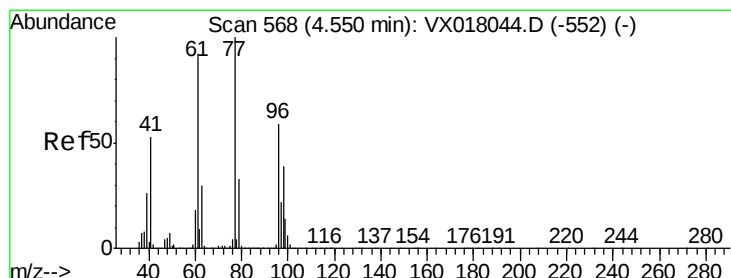
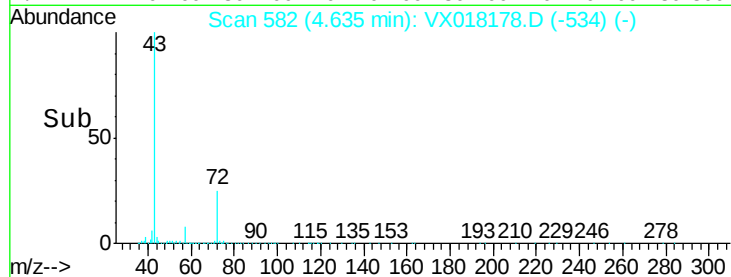
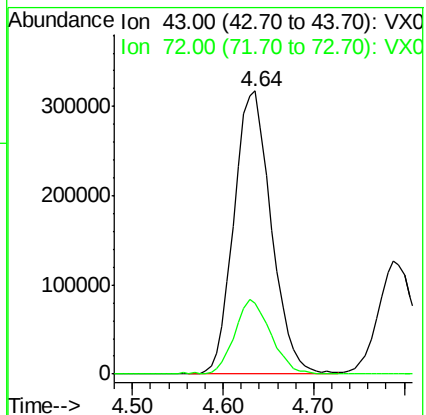
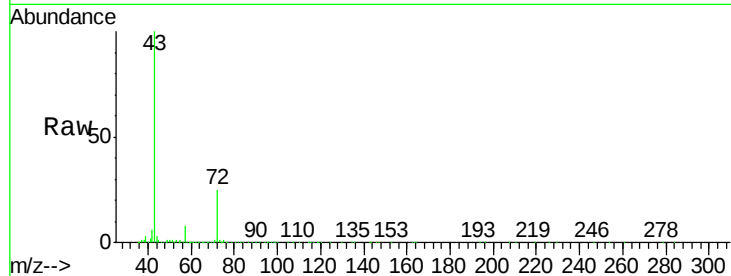
43 100

72 25.0 19.8 29.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 59.934 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018178.D

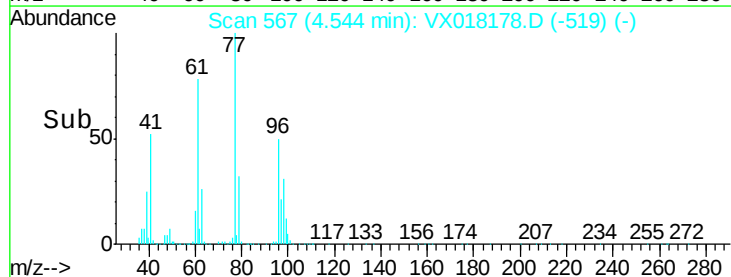
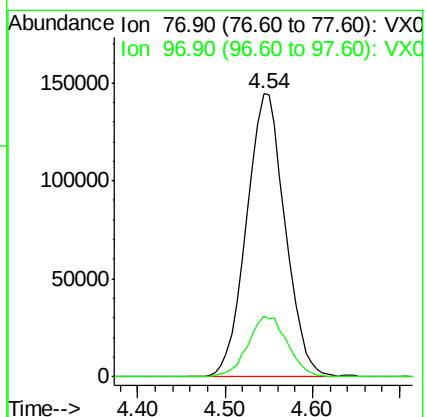
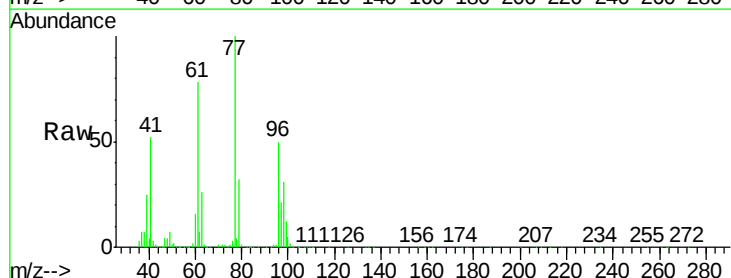
Acq: 01 Sep 2020 09:31

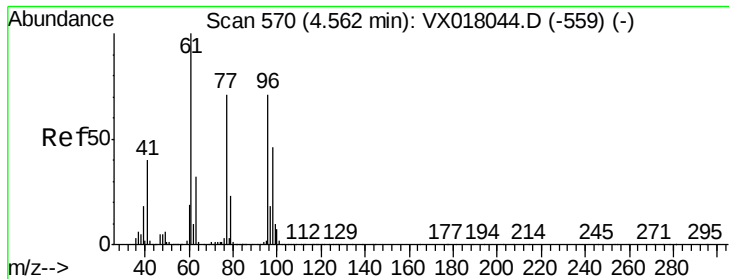
Tgt Ion: 77 Resp: 442086

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5





#27

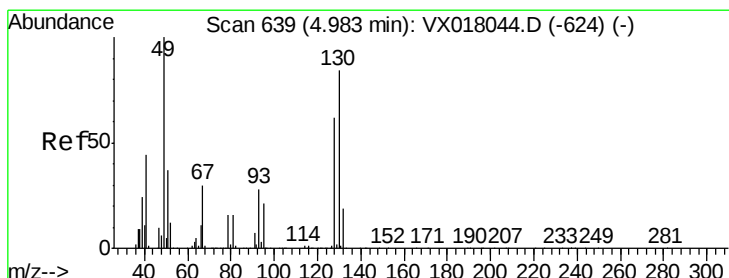
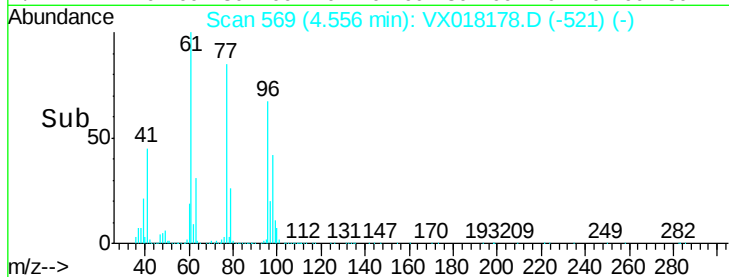
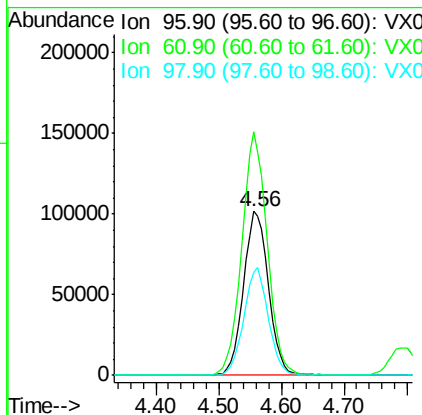
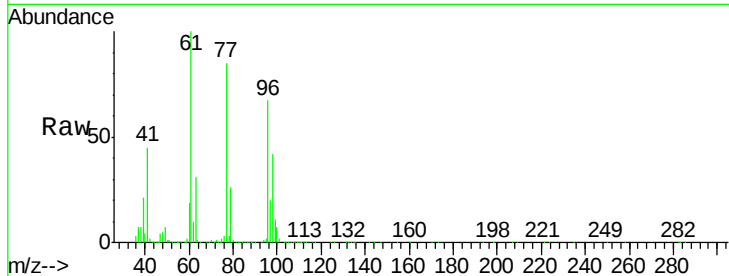
cis-1,2-Dichloroethene
Concen: 49.064 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	281286		
61	149.8	0.0	296.6	
98	64.2	0.0	130.2	

Manual Integrations
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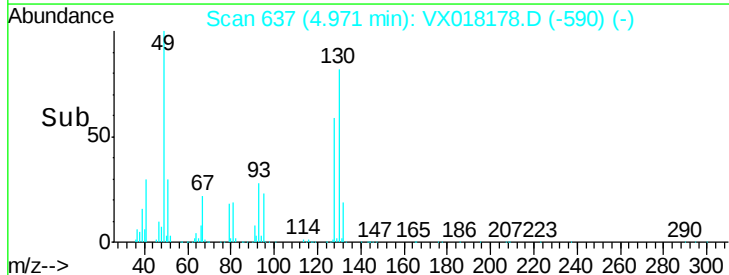
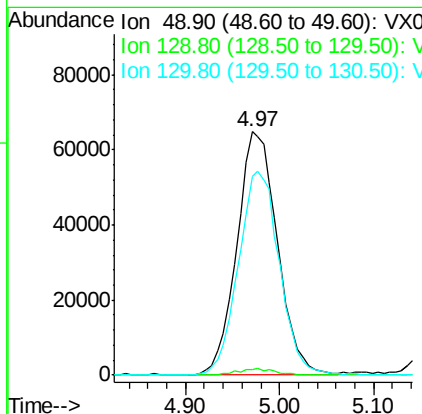
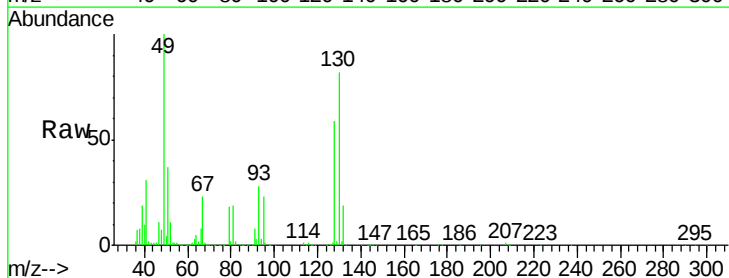
MMDadoda
9/2/2020 2:23:11 PM



#28

Bromochloromethane
Concen: 44.413 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	194350		
129	2.5	0.0	4.6	
130	85.1	64.6	96.8	





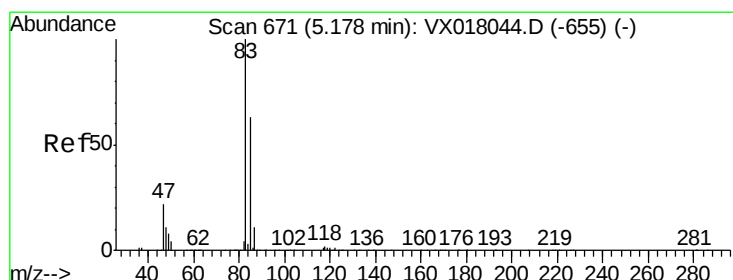
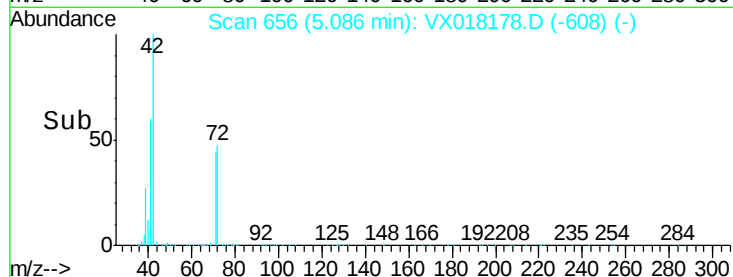
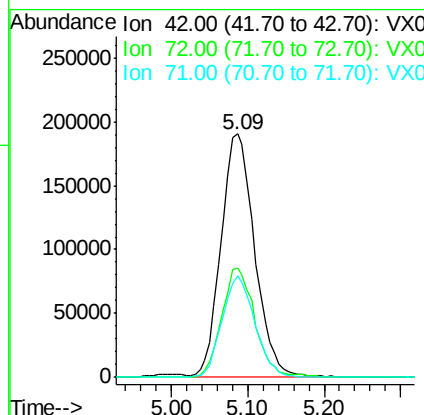
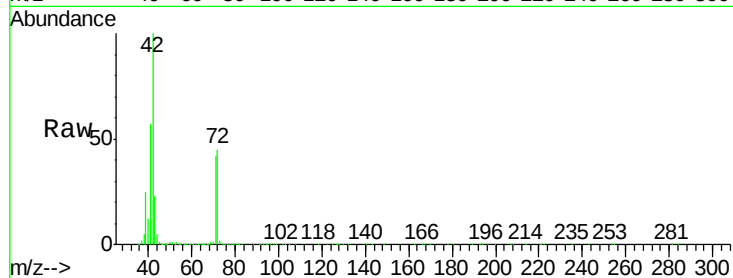
#29
Tetrahydrofuran
Concen: 222.000 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	41.0	32.1	48.1

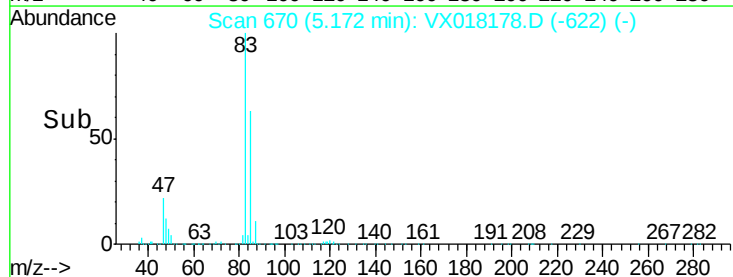
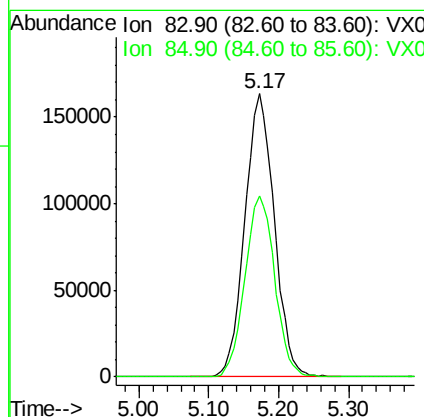
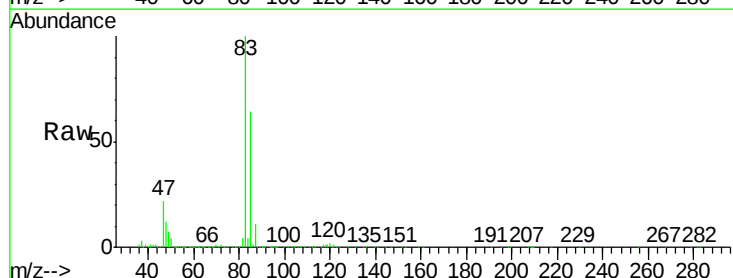
Manual Integrations
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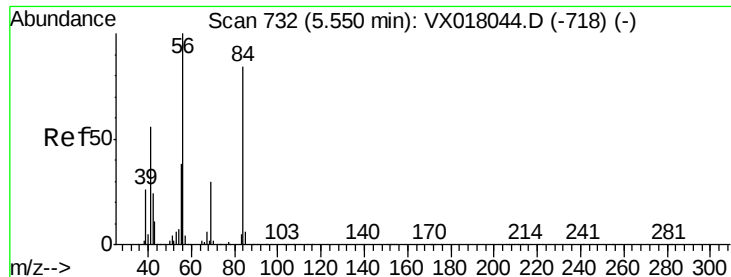
MMDadoda
9/2/2020 2:23:11 PM



#30
Chloroform
Concen: 50.992 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





#31

Cyclohexane

Concen: 50.179 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

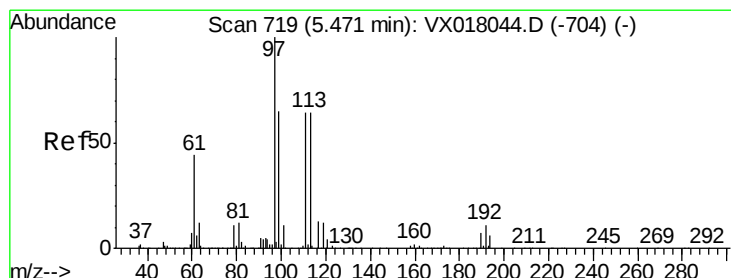
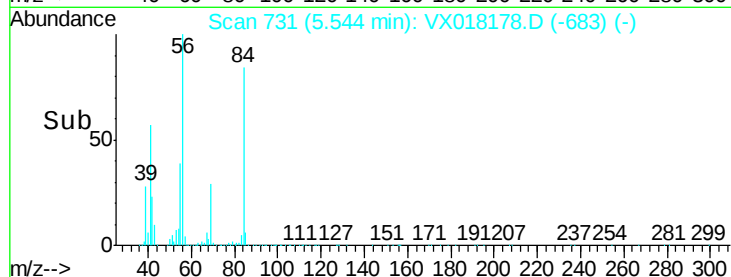
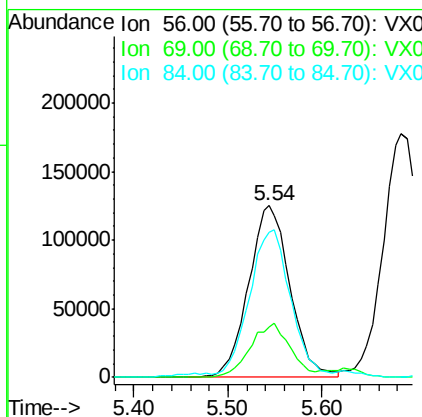
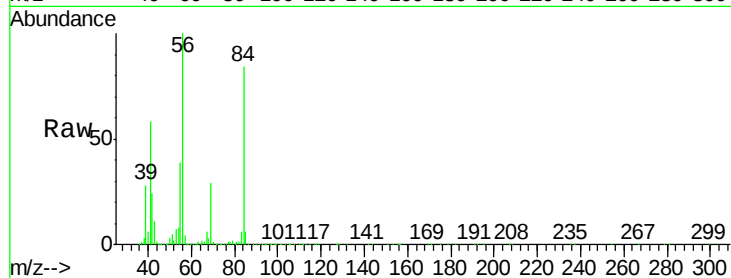
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.9	35.9
84	82.7	67.0	100.4

Manual Integrations
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9/2/2020 2:23:11 PM



#32

1,1,1-Trichloroethane

Concen: 52.887 ug/l

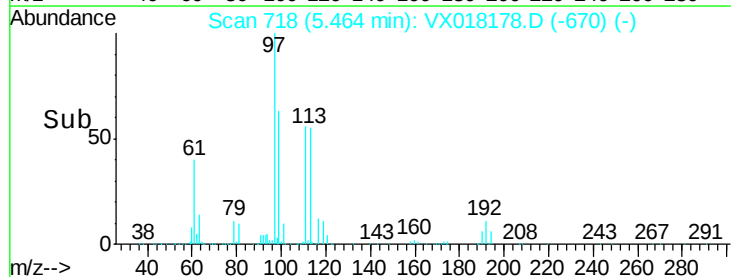
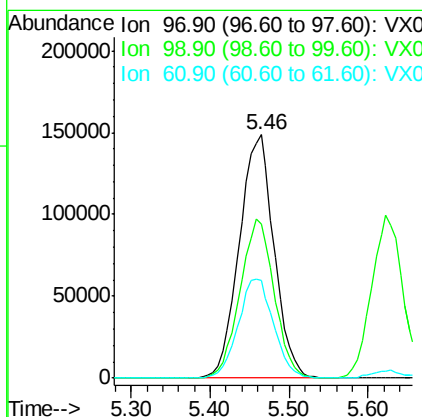
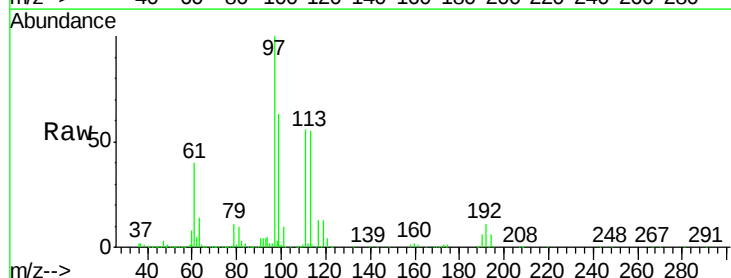
RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.3	34.2	51.4





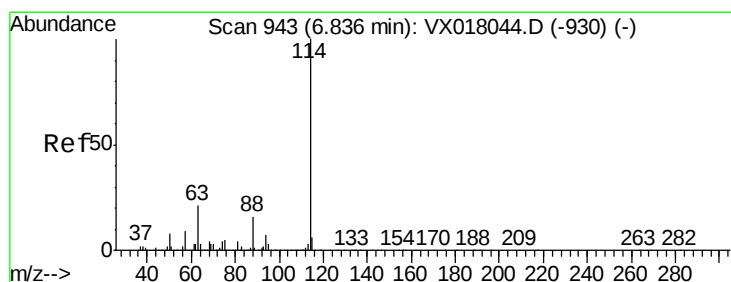
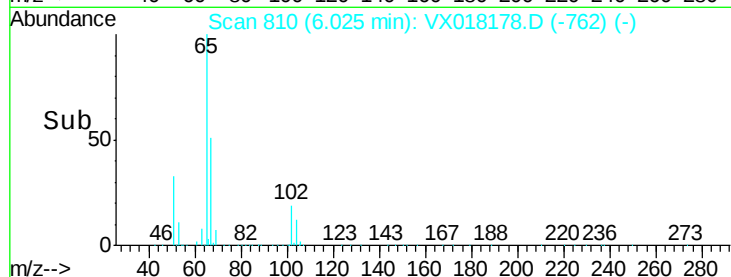
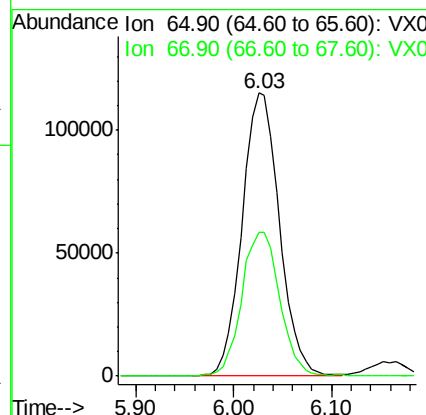
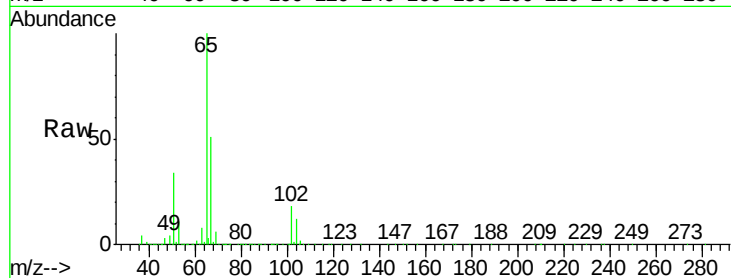
#33
 1,2-Dichloroethane-d4
 Concen: 47.624 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	303846		
67	52.2	0.0	105.8	

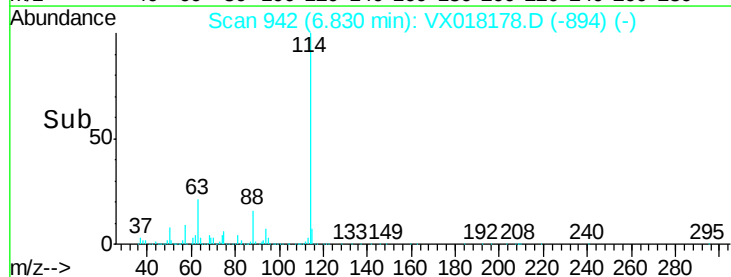
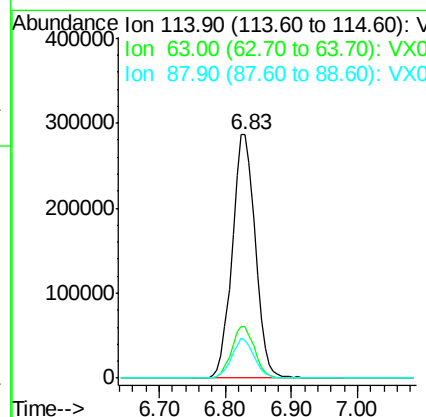
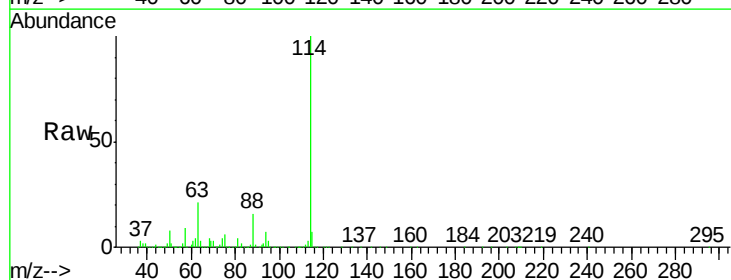
Manual Integrations
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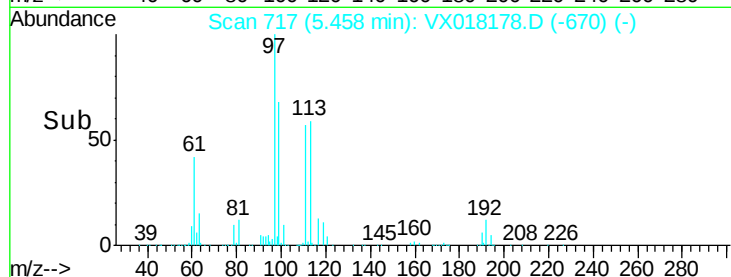
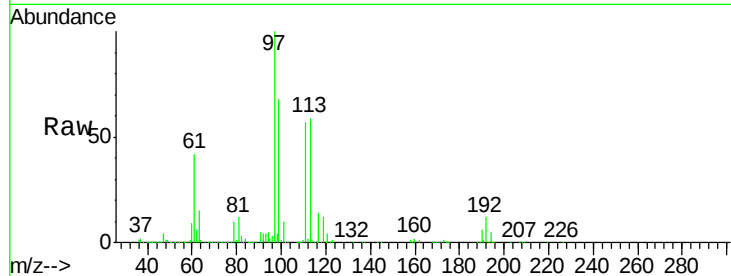
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 9/2/2020 2:23:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	691368		
63	21.1	0.0	42.6	
88	15.6	0.0	31.8	





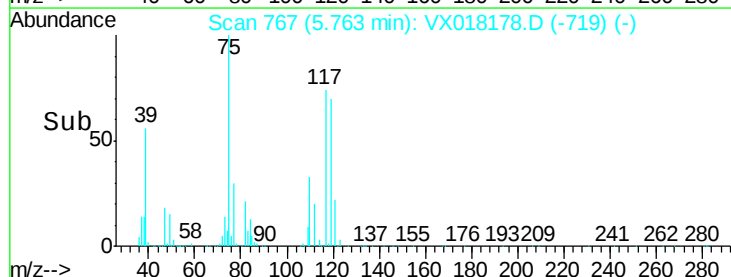
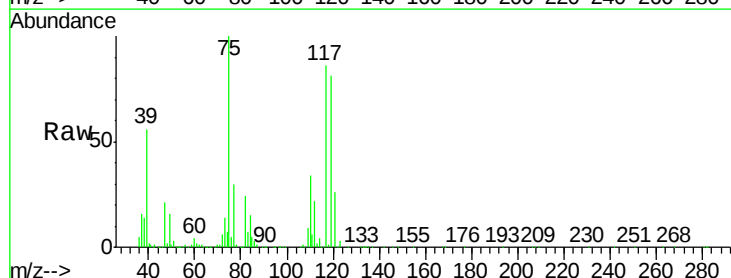
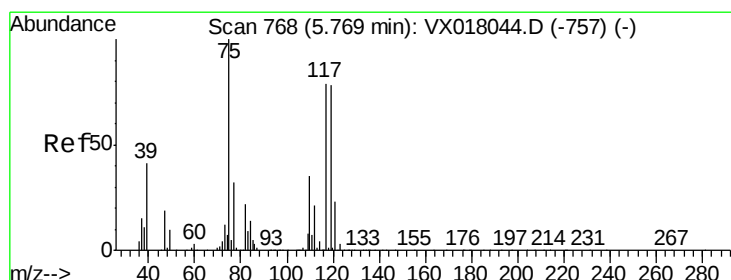
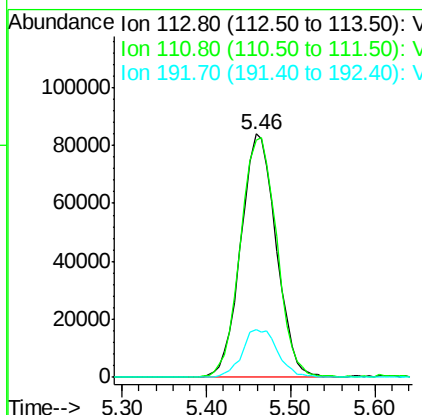
#35
Dibromofluoromethane
Concen: 50.664 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tot Ion	Ratio	Resp	Lower	Upper
113	100	238555		
111	101.4	81.6	122.4	
192	19.8	15.8	23.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

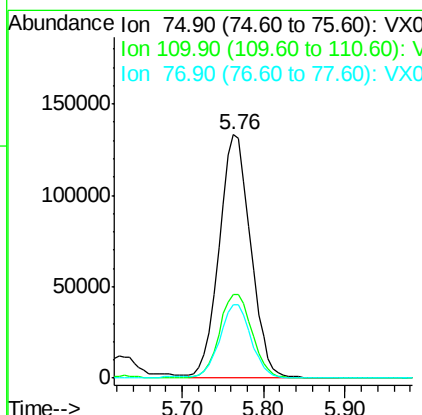
Manual Integrations
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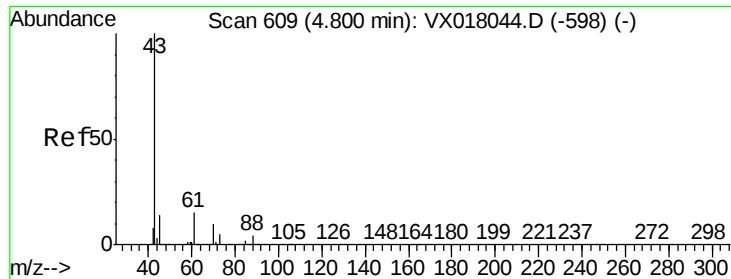
MMDadoda
9/2/2020 2:23:11 PM



#36
1,1-Dichloropropene
Concen: 55.626 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	354716		
110	36.1	18.0	54.0	
77	30.2	24.4	36.6	





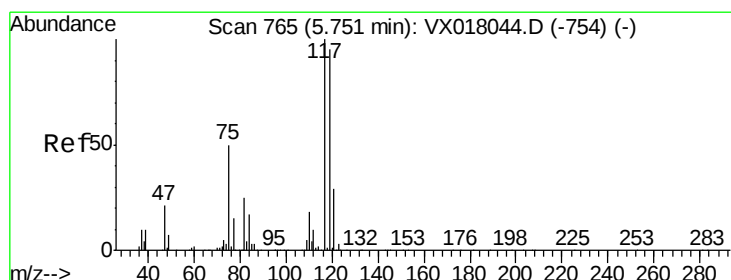
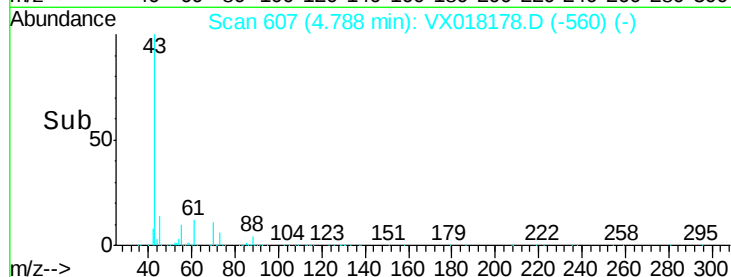
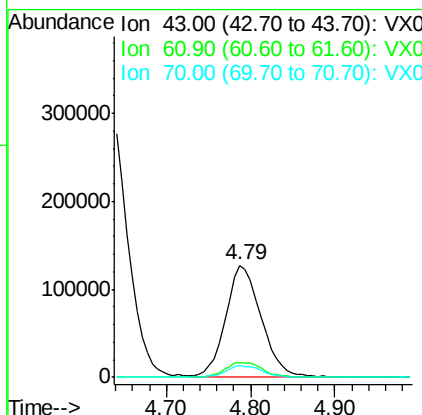
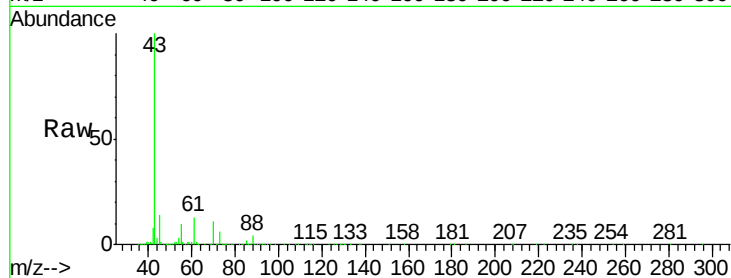
#37
Ethyl Acetate
Concen: 48.849 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	361793
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.9	8.2	12.4

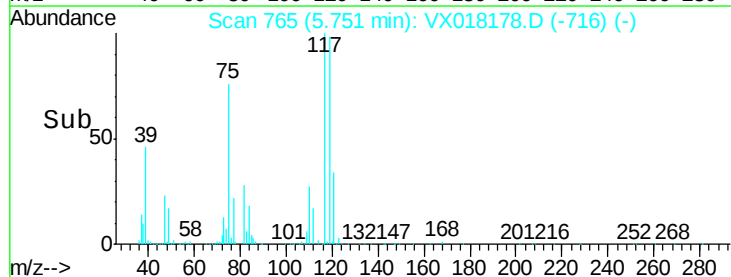
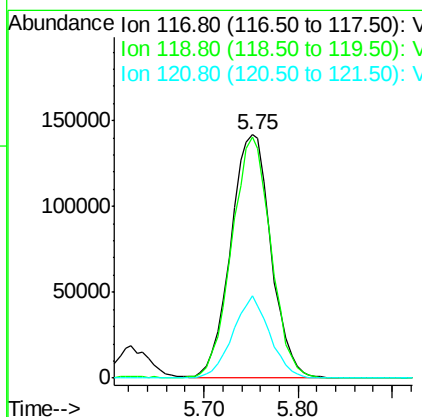
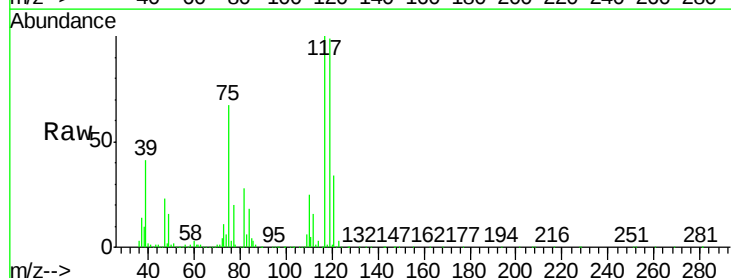
Manual Integrations
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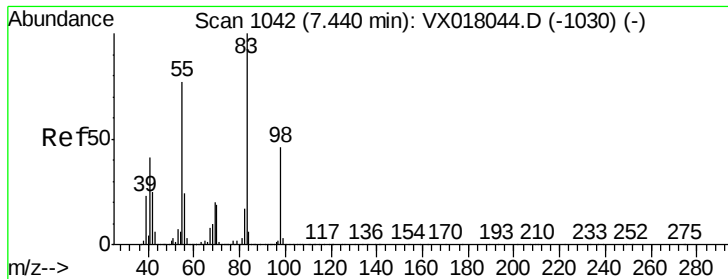
MMDadoda
9/2/2020 2:23:11 PM



#38
Carbon Tetrachloride
Concen: 58.692 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion:	117	Resp:	421780
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.8	113.6
121	33.7	23.4	35.0





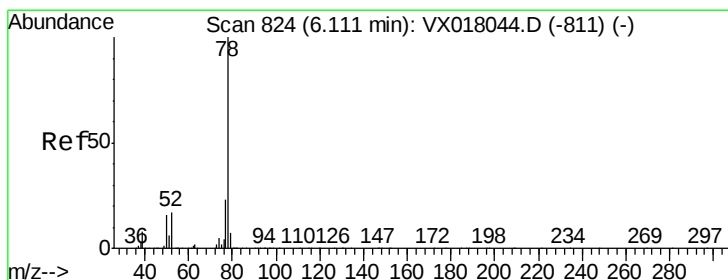
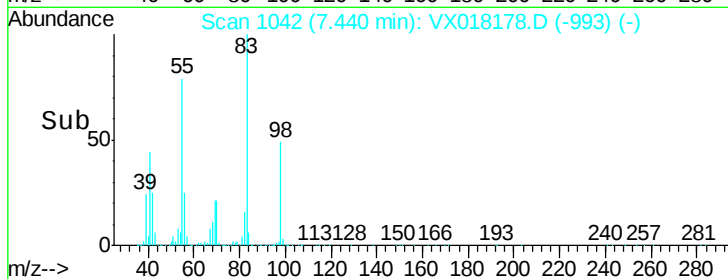
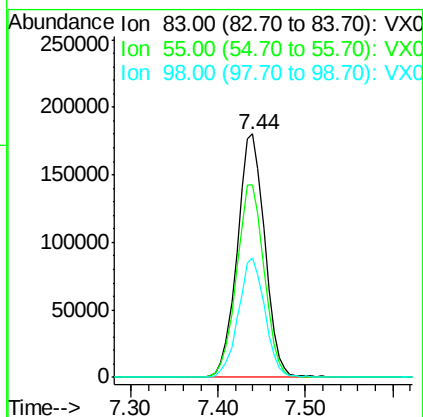
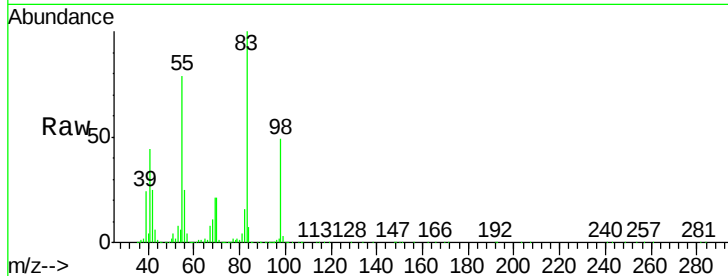
#39
Methvlcvclohexane
Concen: 56.758 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.8	92.6
98	48.9	36.6	55.0

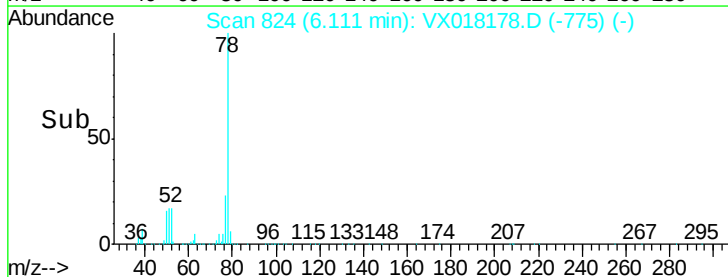
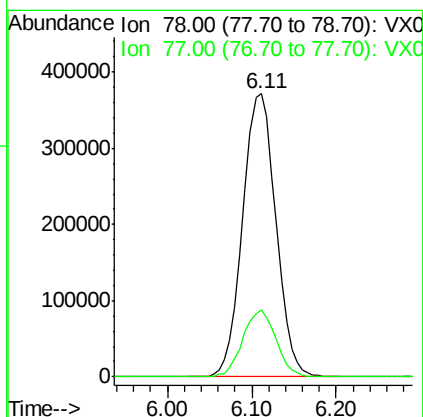
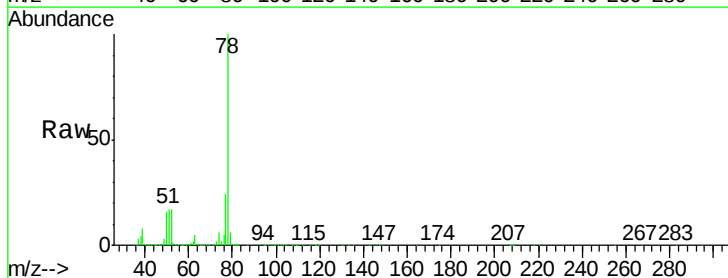
Manual Integrations
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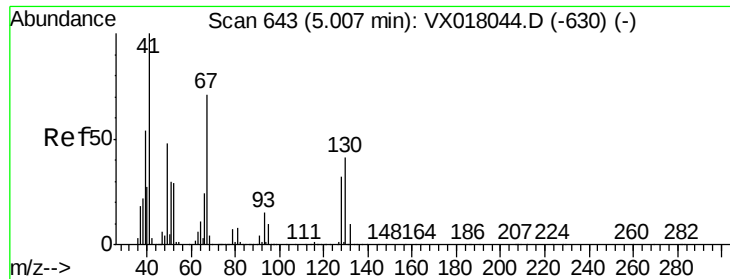
MMDadoda
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#40
Benzene
Concen: 52.952 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2





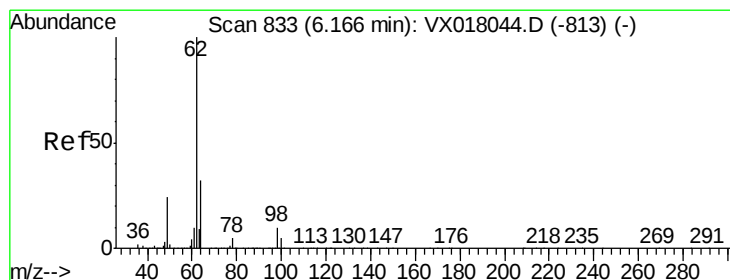
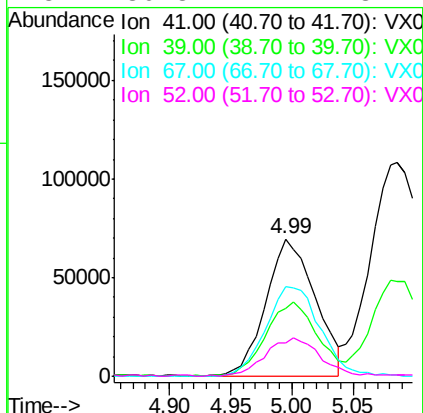
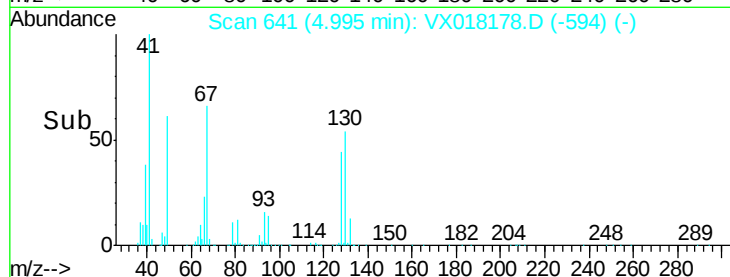
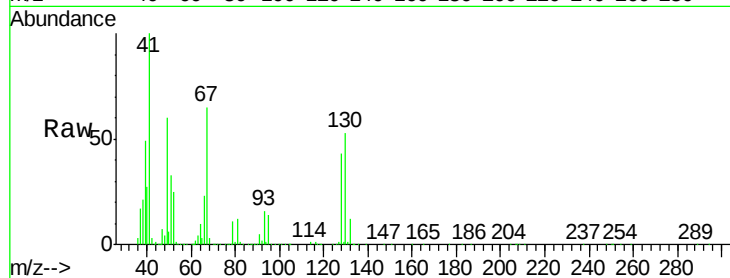
#41
Methacrylonitrile
Concen: 47.851 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
194591	41	100		
	39	57.2	43.1	64.7
	67	72.2	56.0	84.0
	52	30.8	22.7	34.1

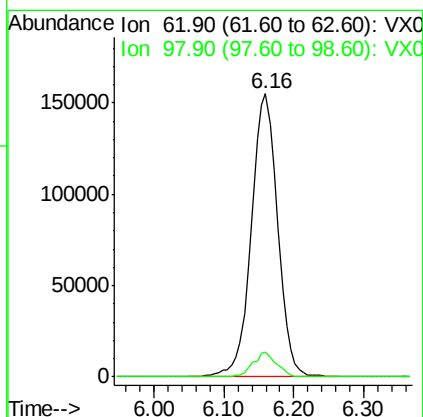
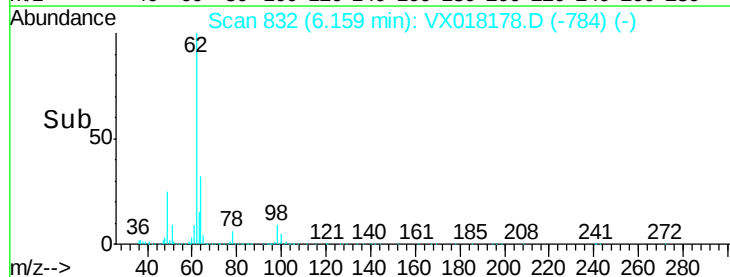
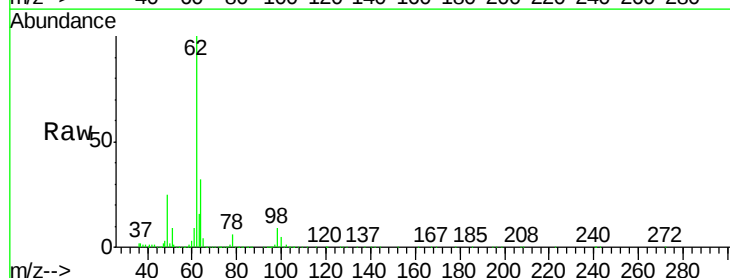
Manual Integrations
APPROVED

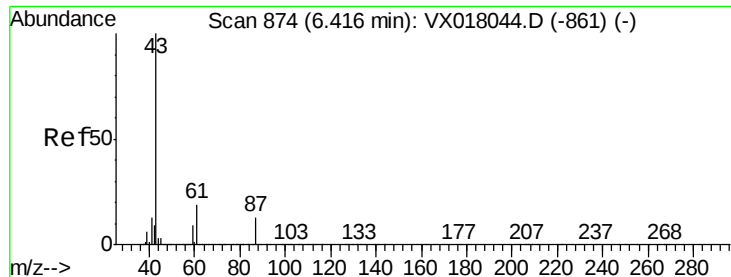
MMDadoda
9/2/2020 2:23:11 PM



#42
1,2-Dichloroethane
Concen: 56.510 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ion	Ratio	Lower	Upper
405688	62	100		
	98	8.1	0.0	18.2





#43

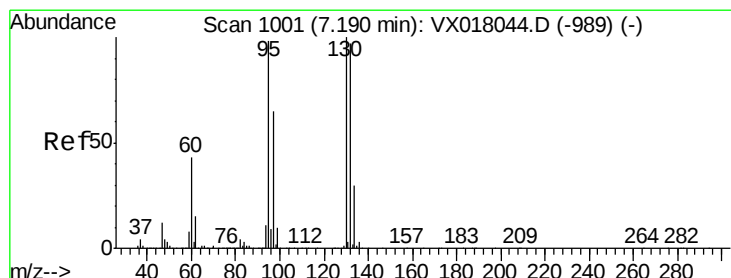
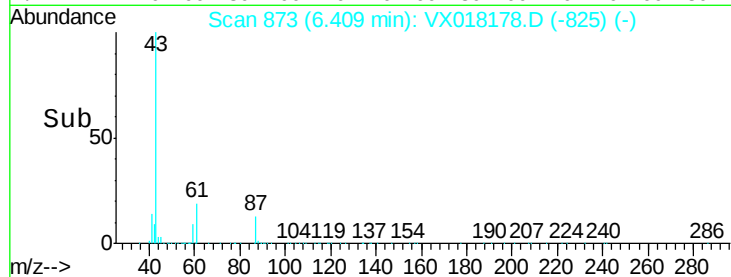
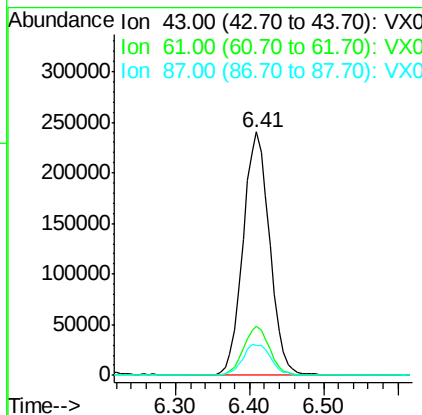
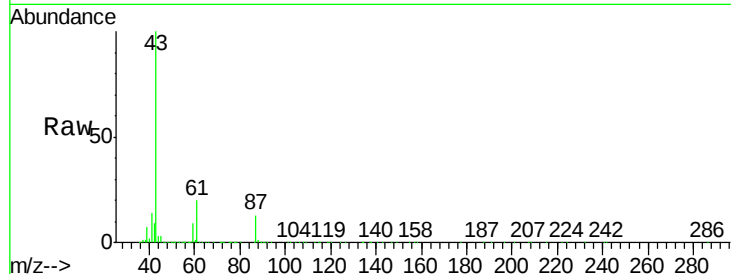
Isopropyl Acetate
 Concen: 50.344 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.7	23.5
87	13.6	10.3	15.5

Manual Integrations
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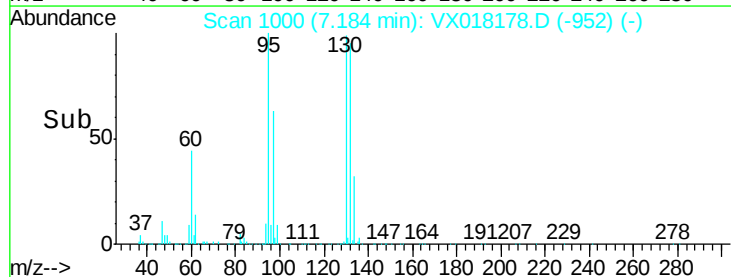
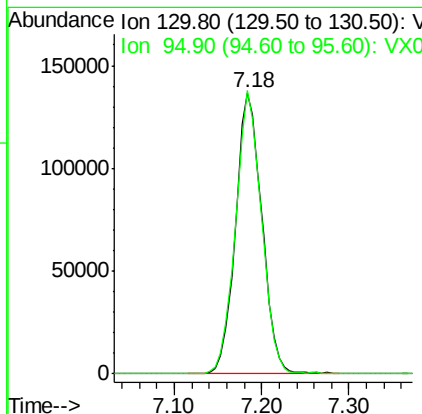
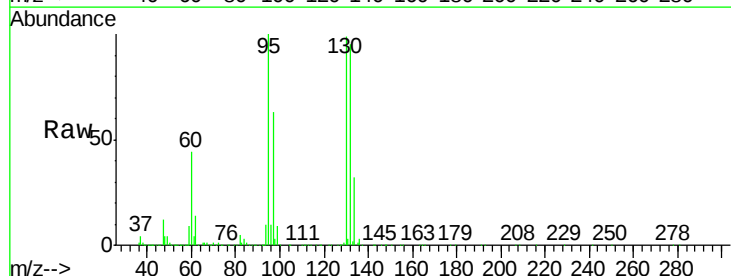
MMDadoda
 9/2/2020 2:23:11 PM



#44

Trichloroethene
 Concen: 54.170 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 53.362 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 269482

Ion Ratio Lower Upper

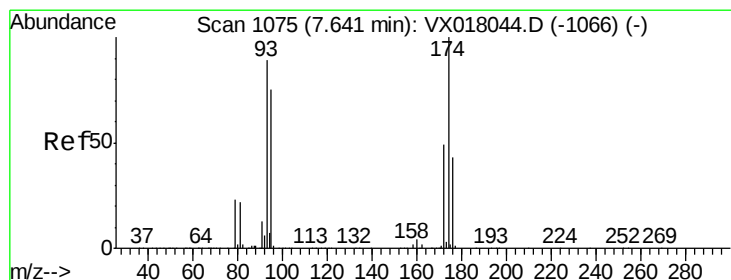
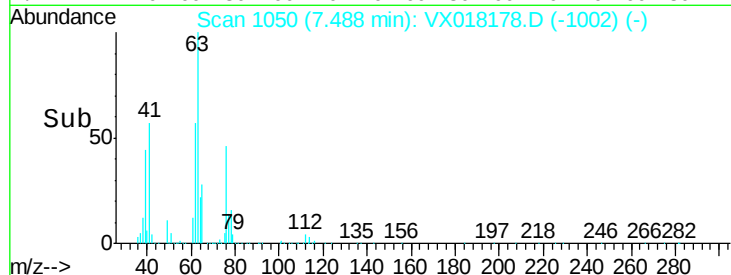
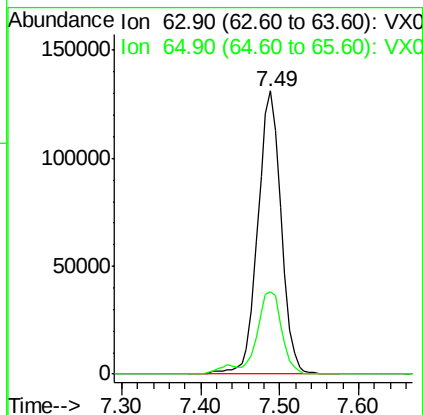
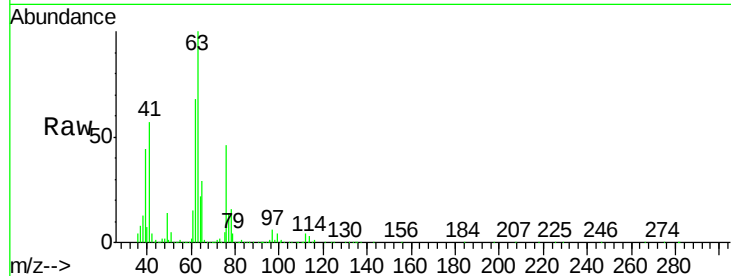
63 100

65 29.2 25.7 38.5

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#46

Dibromomethane

Concen: 52.326 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

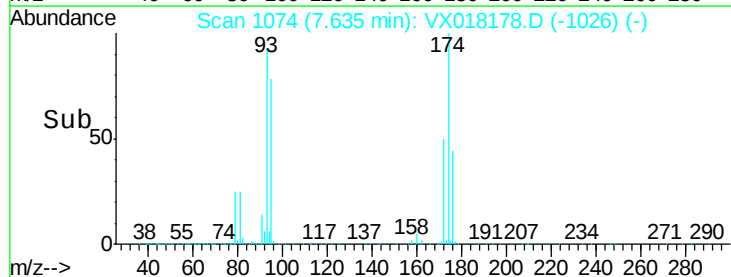
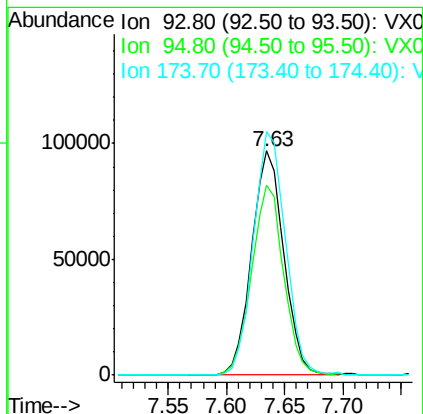
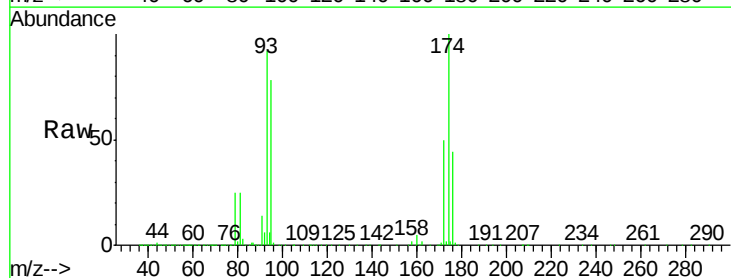
Tgt Ion: 93 Resp: 185827

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 109.0 82.2 123.2





#47

Bromodichloromethane

Concen: 55.956 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

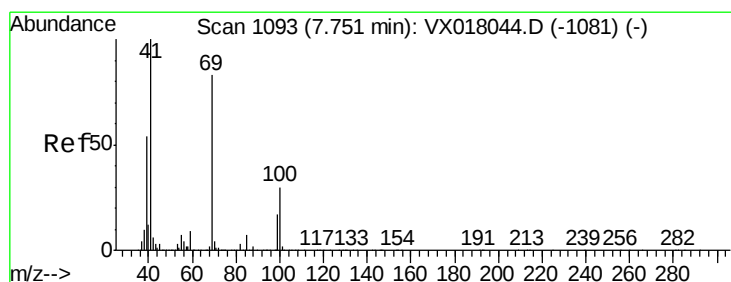
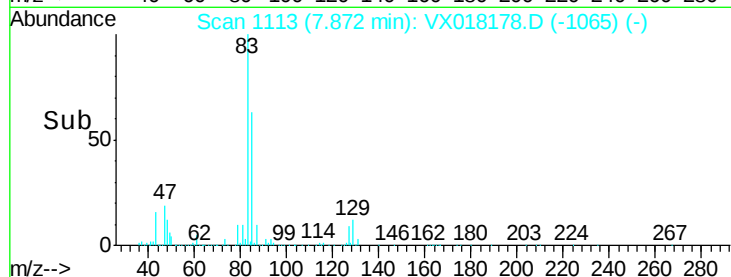
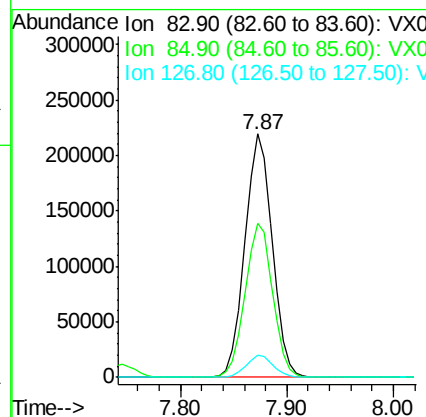
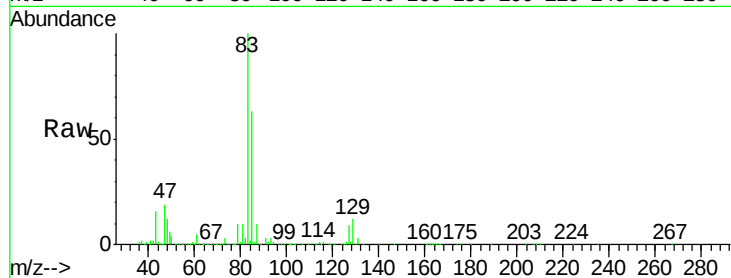
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	396774
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.6
127	9.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.533 ug/l

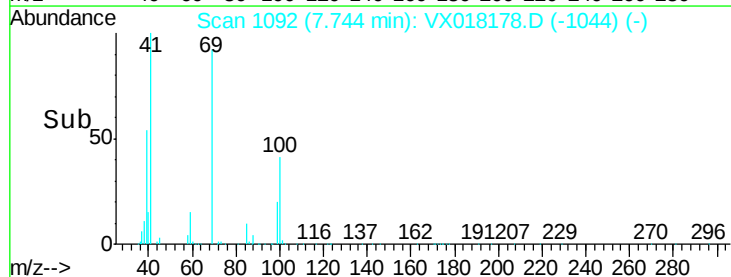
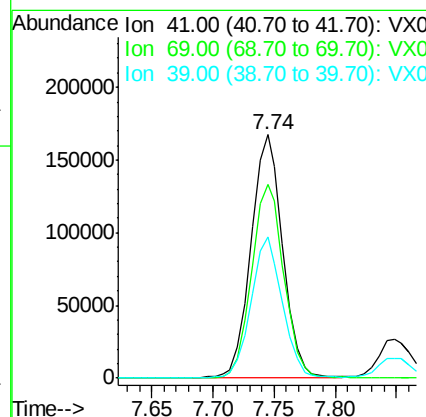
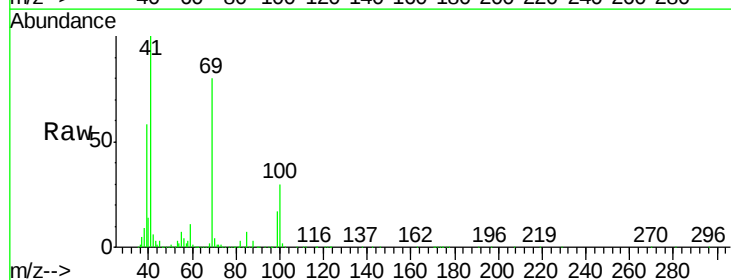
RT: 7.74 min Scan# 1092

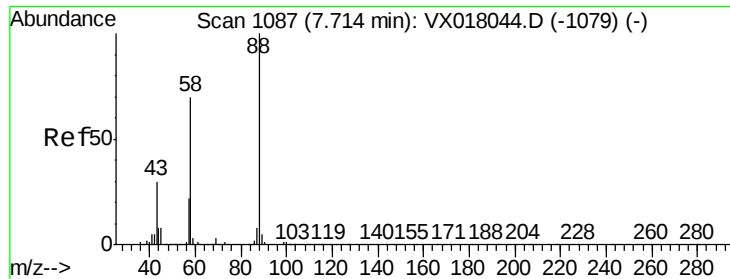
Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion:	41	Resp:	300928
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.5	98.3
39	57.0	44.5	66.7





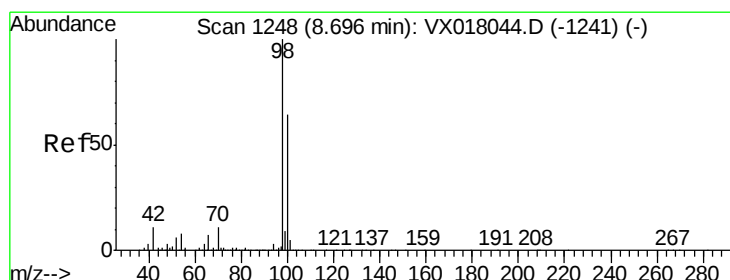
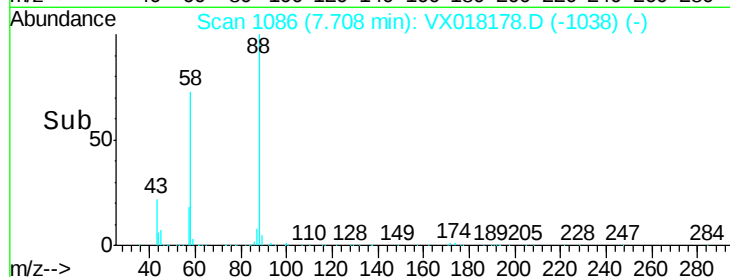
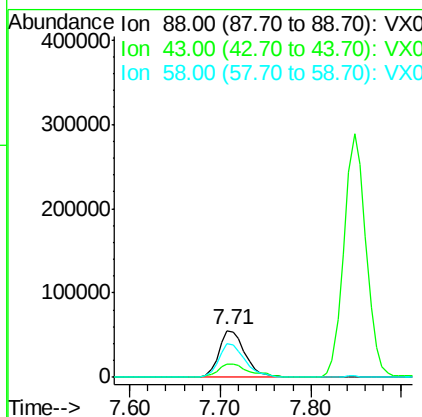
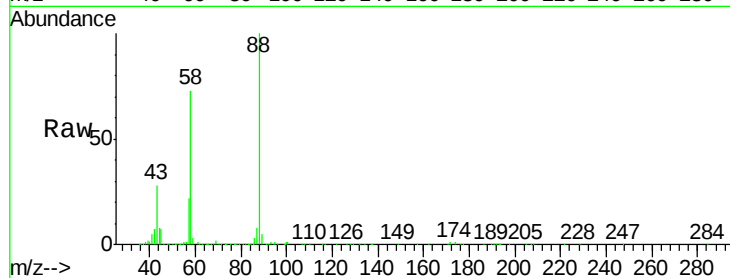
#49
1,4-Dioxane
Concen: 1031.757 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	73.4	56.4	84.6

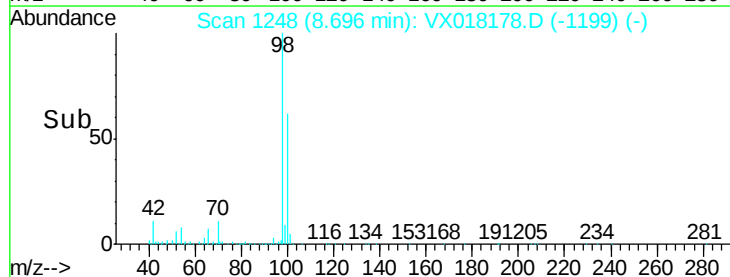
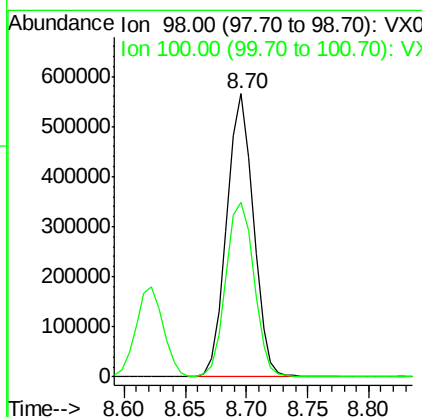
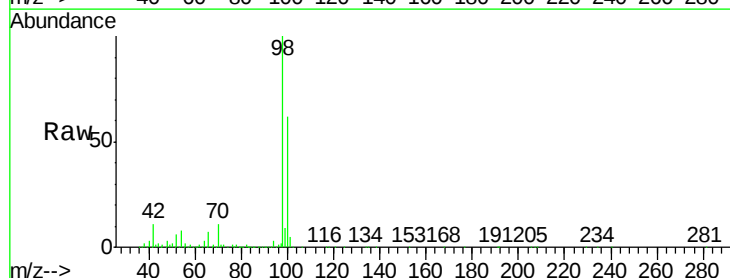
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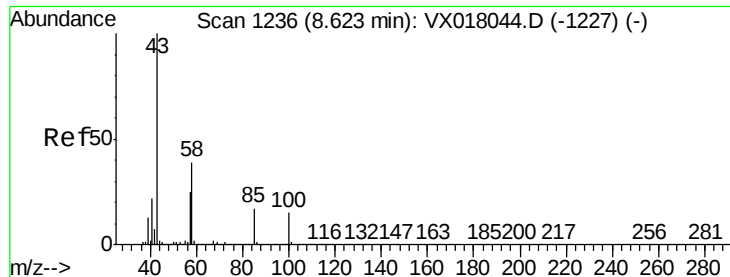
MMDadoda
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#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





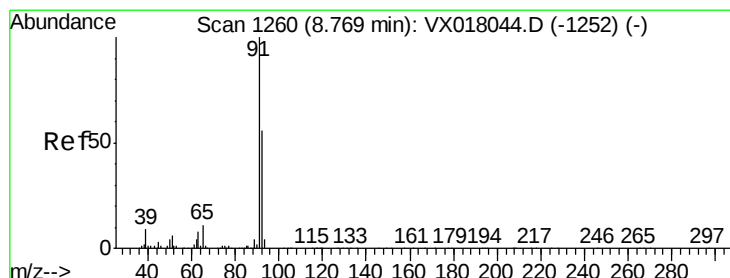
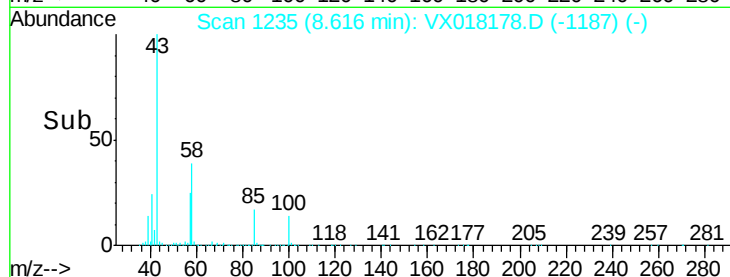
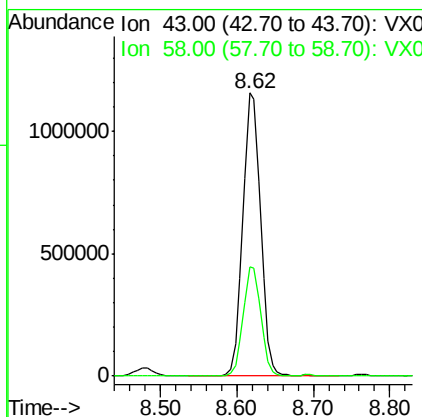
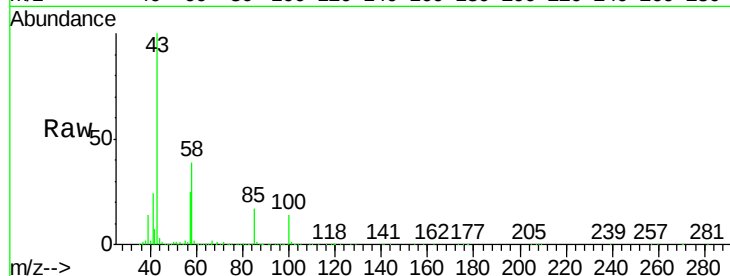
#51
4-Methyl-2-Pentanone
Concen: 252.709 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1867360
Ion Ratio Lower Upper
43 100
58 38.4 30.7 46.1

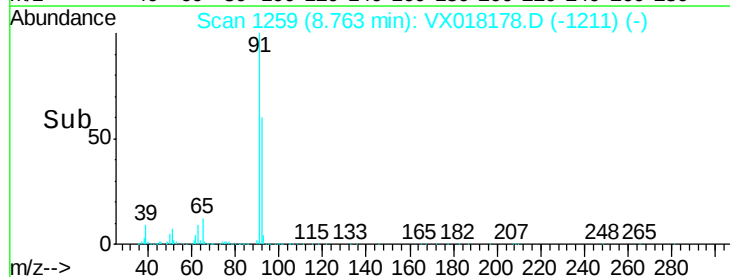
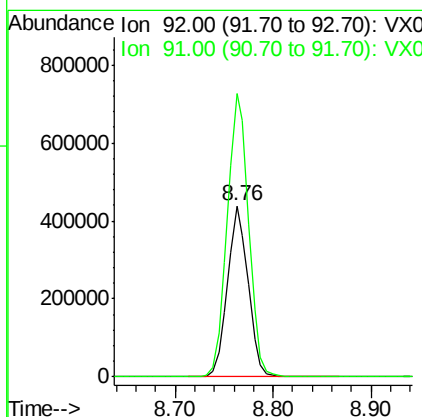
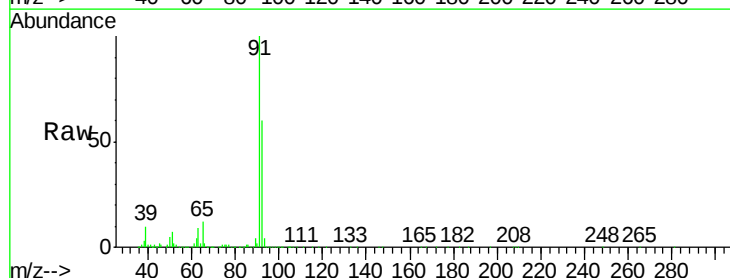
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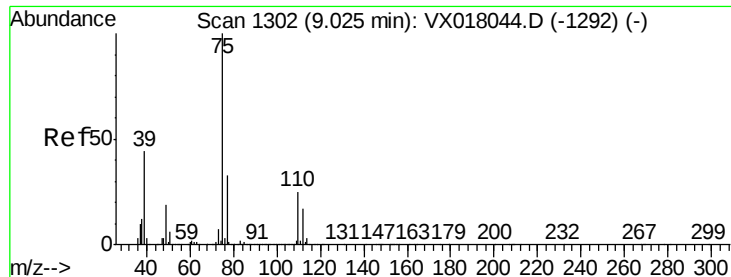
MMDadoda
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#52
Toluene
Concen: 54.098 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 92 Resp: 642766
Ion Ratio Lower Upper
92 100
91 171.7 140.3 210.5





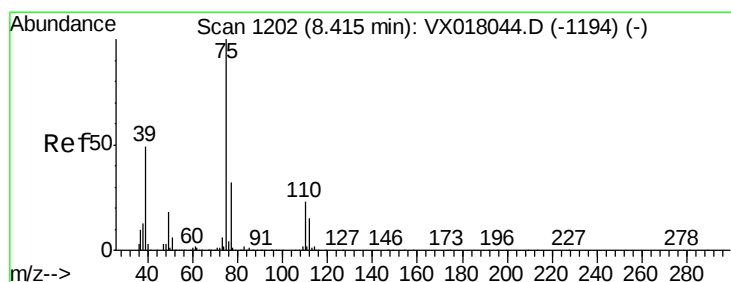
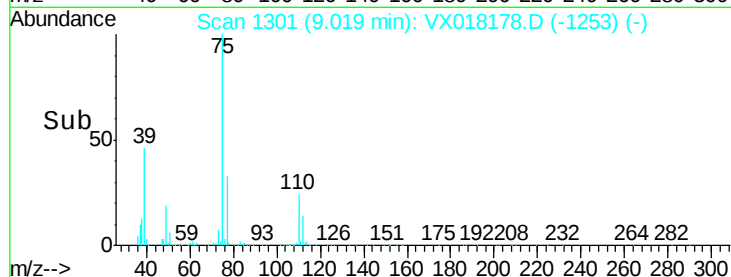
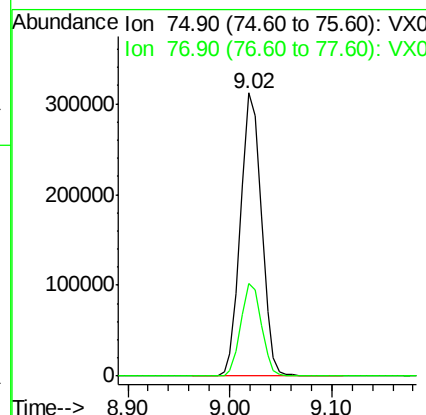
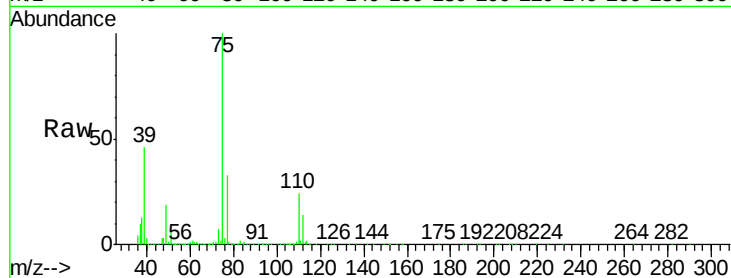
#53
t-1,3-Dichloropropene
Concen: 56.346 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	39.8

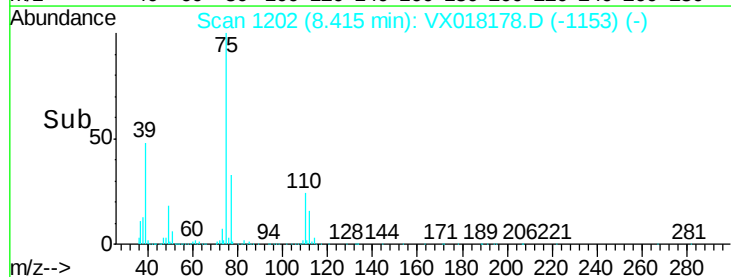
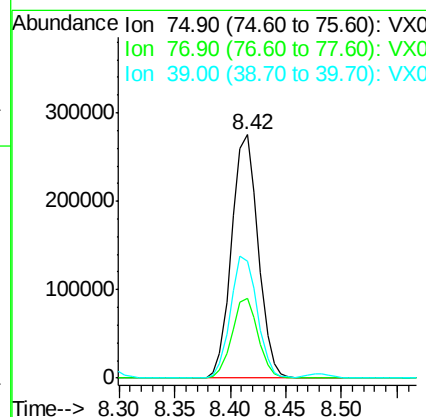
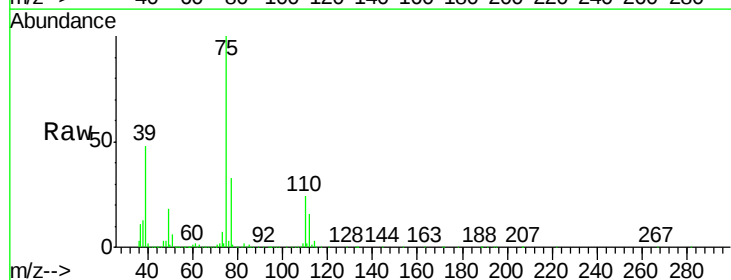
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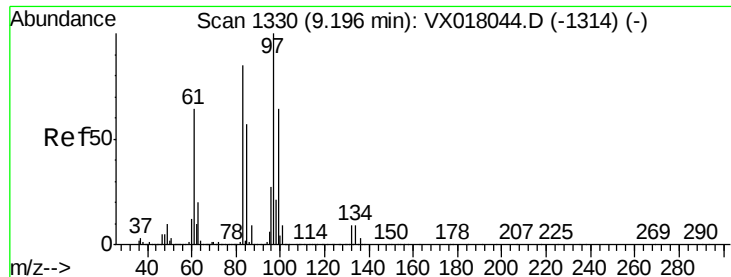
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.774 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
39	47.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 52.526 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

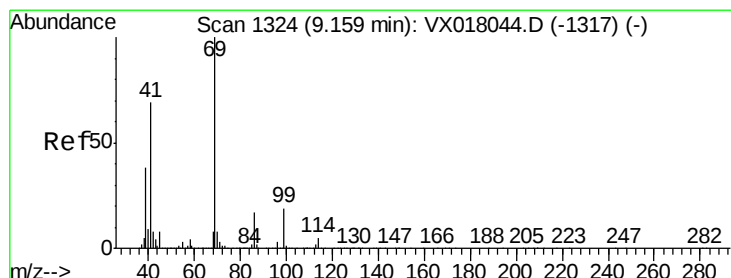
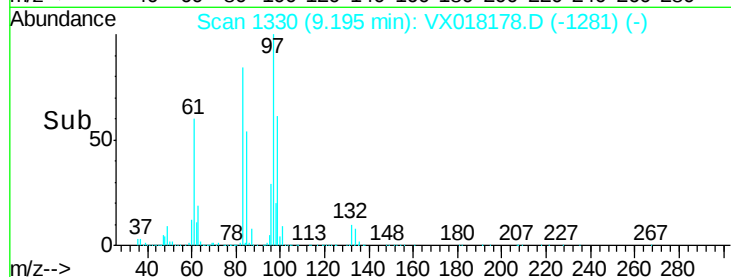
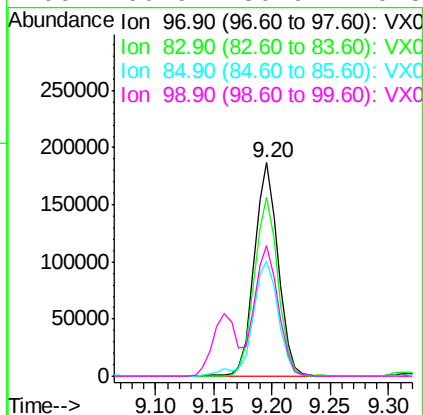
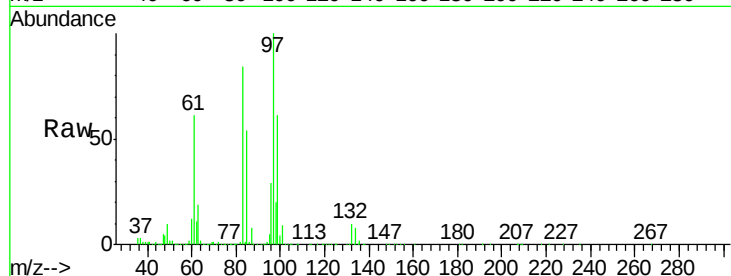
ClientSampleId :

VSTDCCC050

Tot Ion	97	Resp	266165
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.6
85	53.8	45.3	67.9
99	60.9	50.9	76.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.636 ug/l

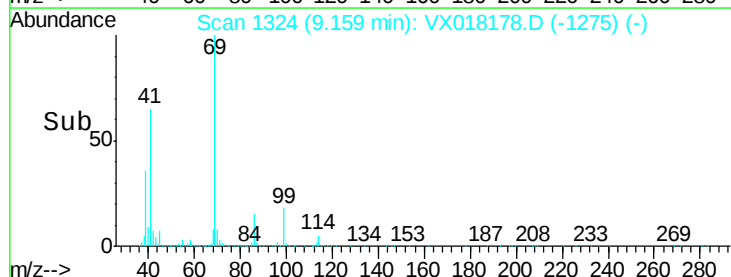
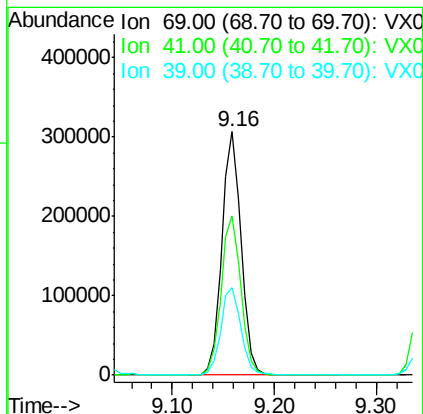
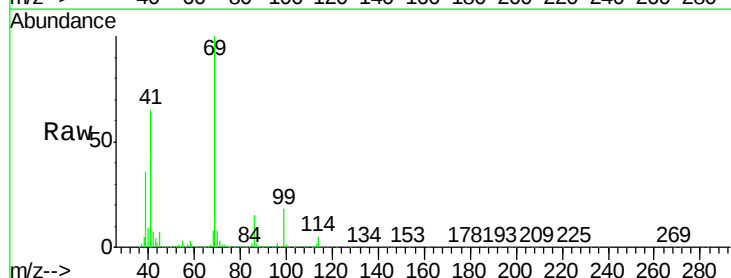
RT: 9.16 min Scan# 1324

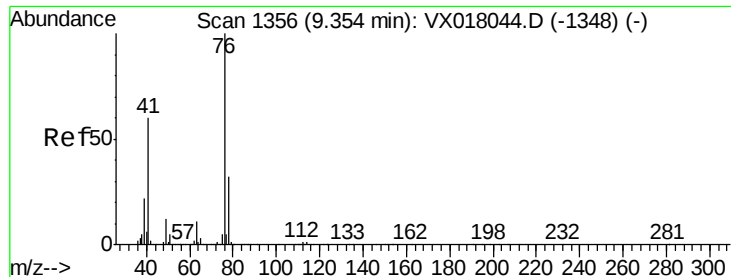
Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion	69	Resp	404046
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	81.8
39	37.6	29.1	43.7





#57

1,3-Dichloropropane

Concen: 52.010 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 434696

Ion Ratio Lower Upper

76 100

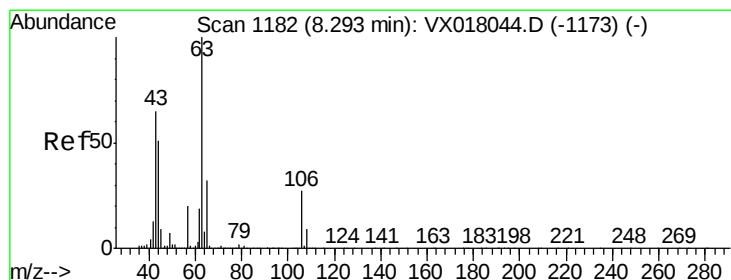
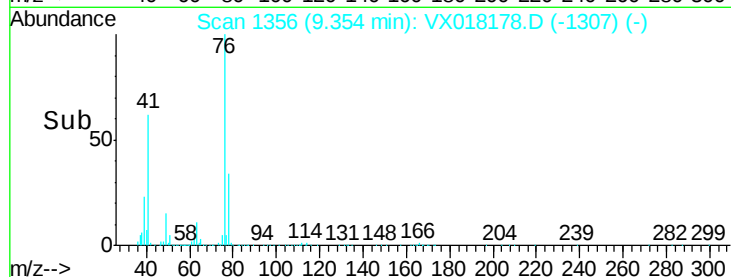
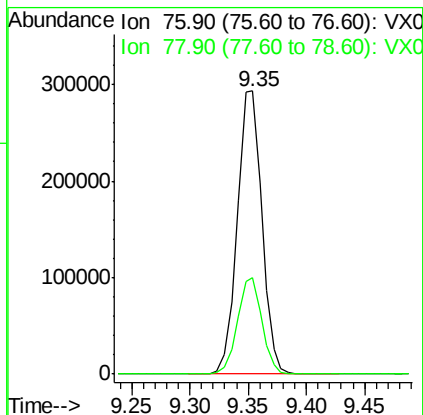
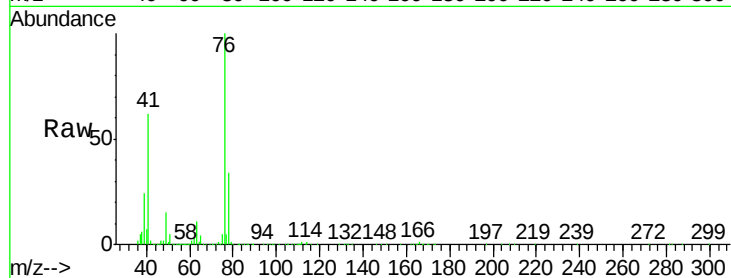
78 33.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 241.831 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018178.D

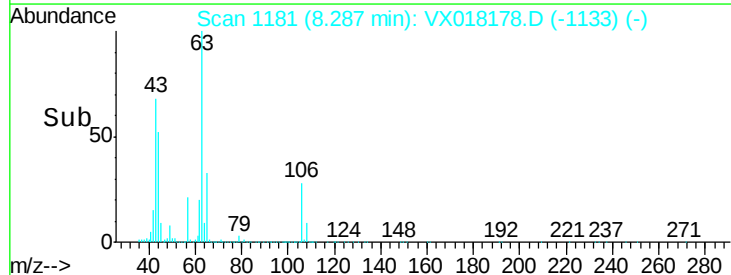
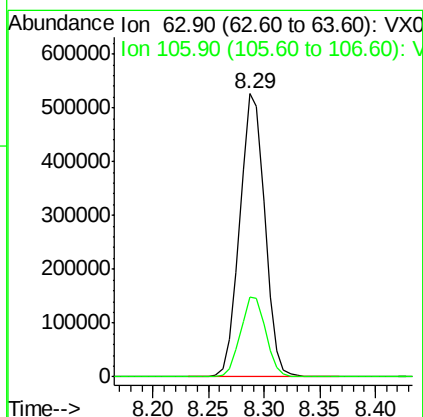
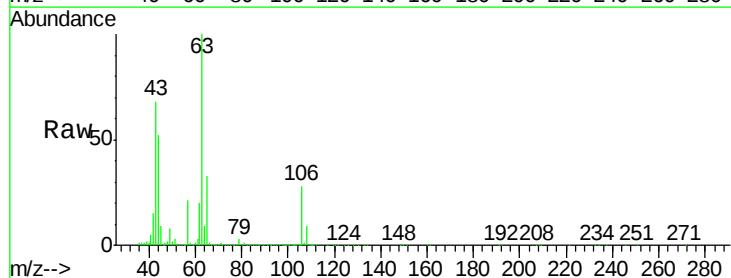
Acq: 01 Sep 2020 09:31

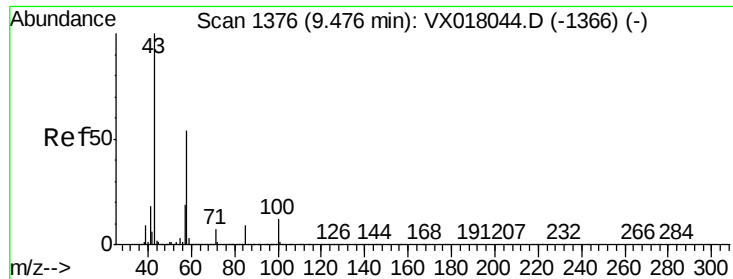
Tgt Ion: 63 Resp: 819506

Ion Ratio Lower Upper

63 100

106 28.7 22.1 33.1





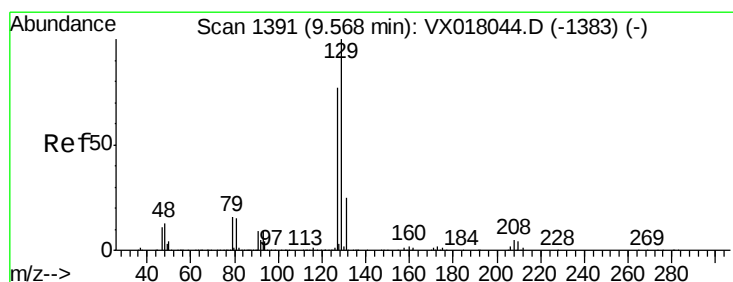
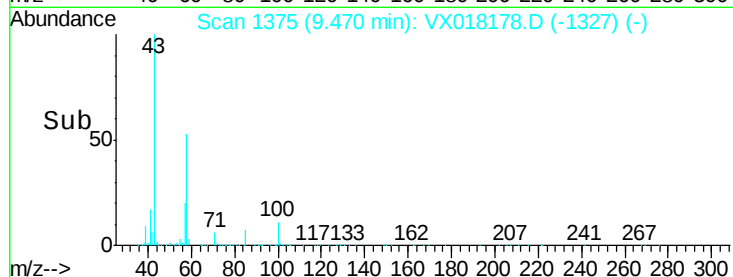
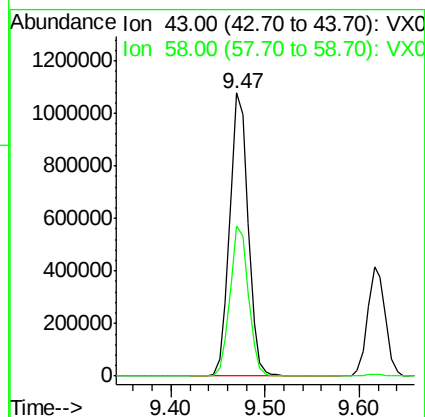
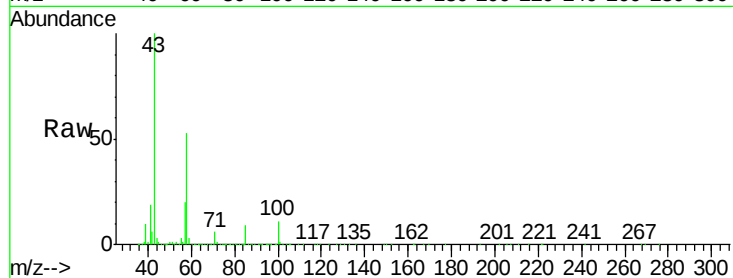
#59
2-Hexanone
Concen: 260.481 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1463579
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7

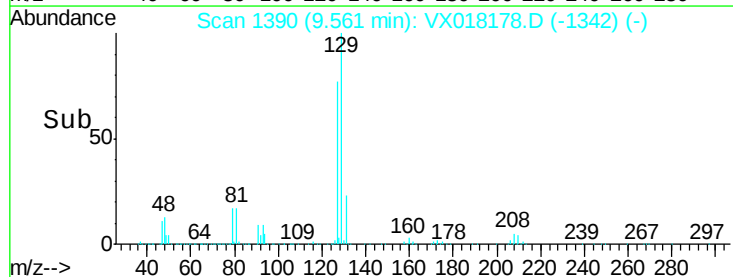
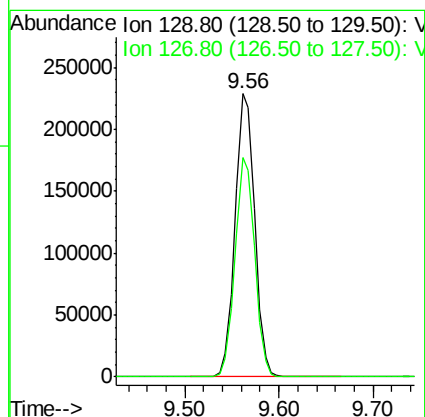
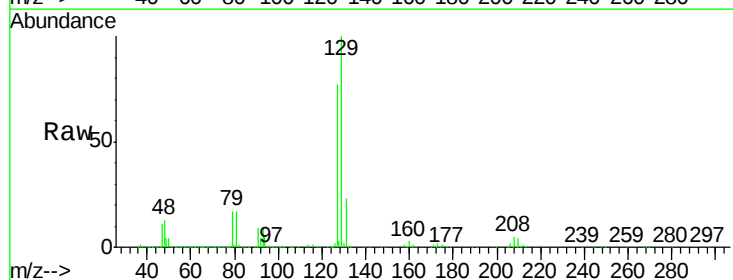
Manual Integrations
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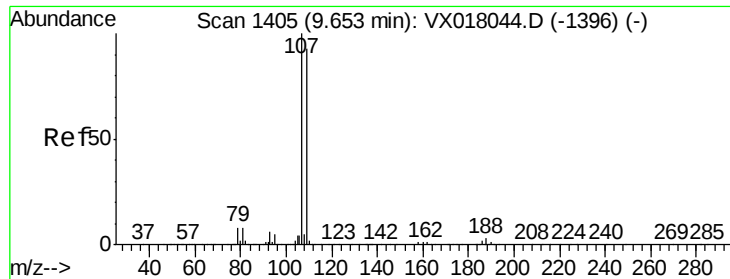
MMDadoda
9/2/2020 2:23:11 PM



#60
Dibromochloromethane
Concen: 55.521 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 129 Resp: 330044
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.635 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 289570

Ion Ratio Lower Upper

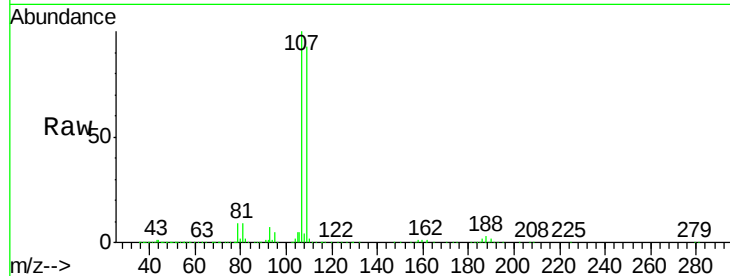
107 100

109 93.1 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

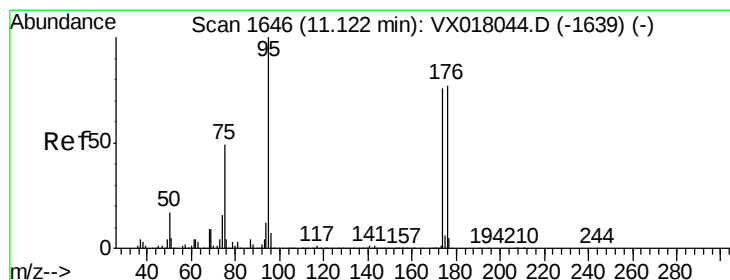
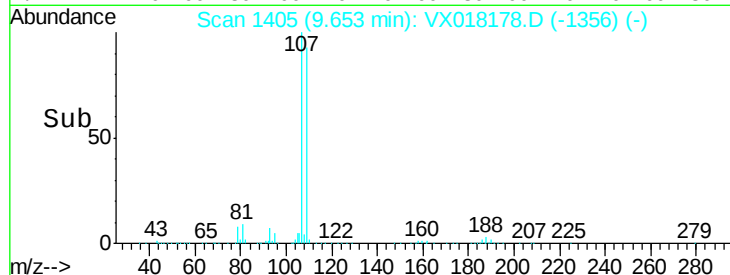
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.550 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

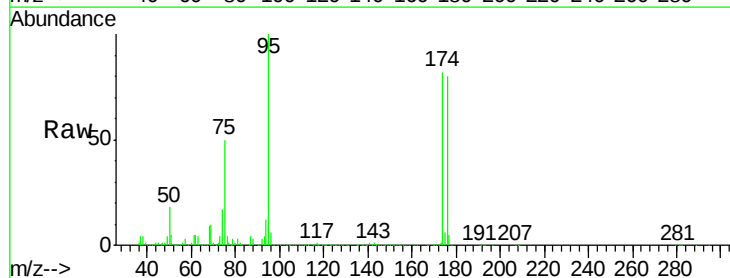
Tgt Ion: 95 Resp: 355687

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

176 75.4 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

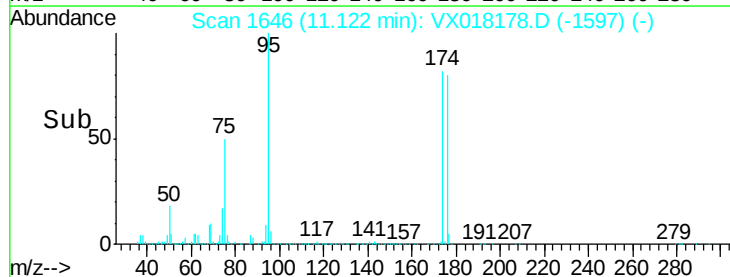
300000

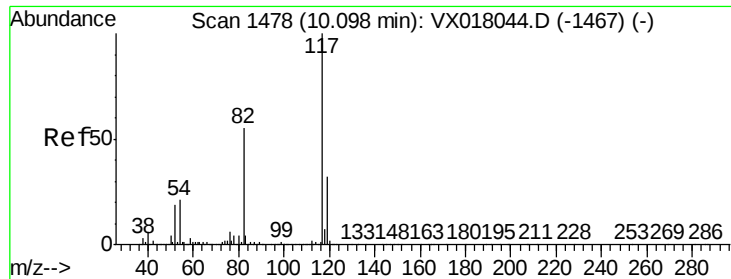
200000

100000

0

Time-->





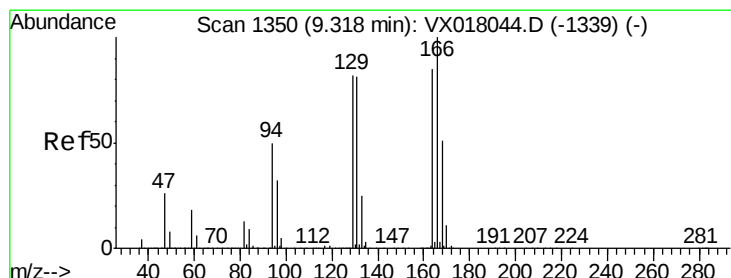
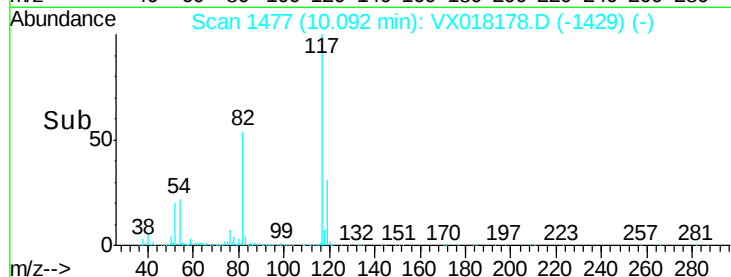
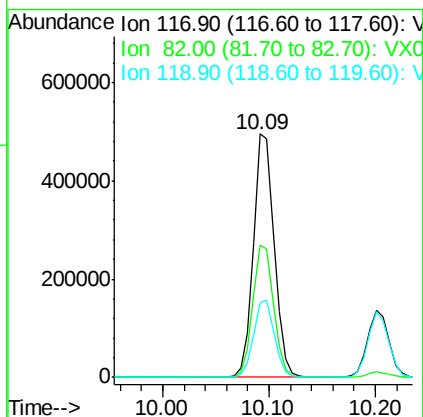
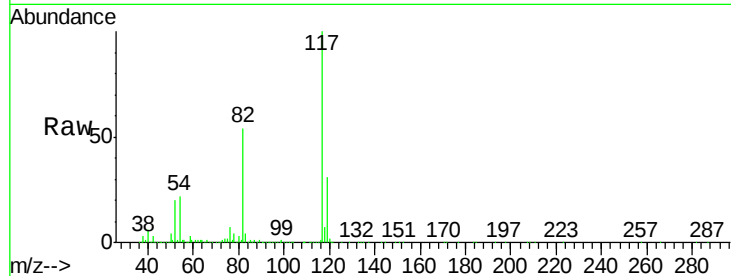
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	44.2	66.2
119	30.8	25.7	38.5

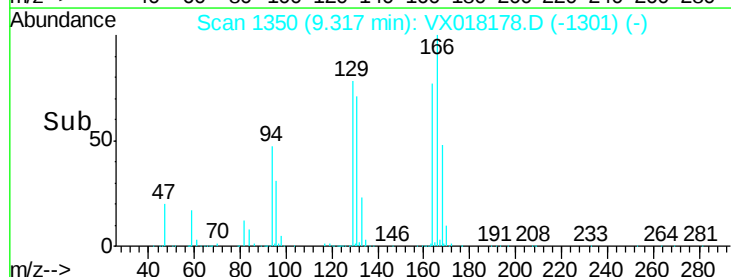
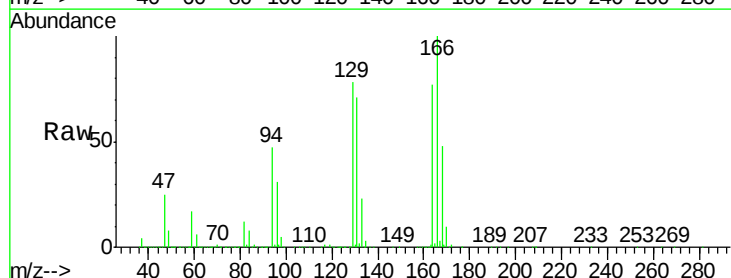
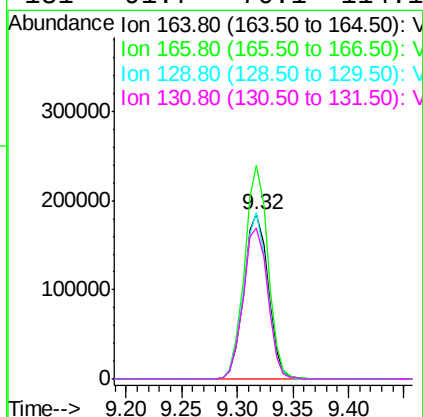
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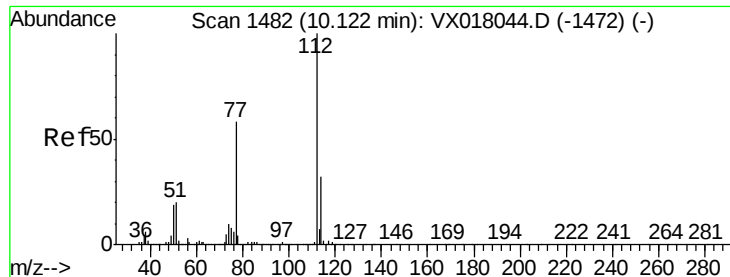
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#64
Tetrachloroethene
Concen: 56.199 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.7	94.2	141.2
129	101.1	76.9	115.3
131	91.7	76.1	114.1





#65

Chlorobenzene

Concen: 52.914 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 720131

Ion Ratio Lower Upper

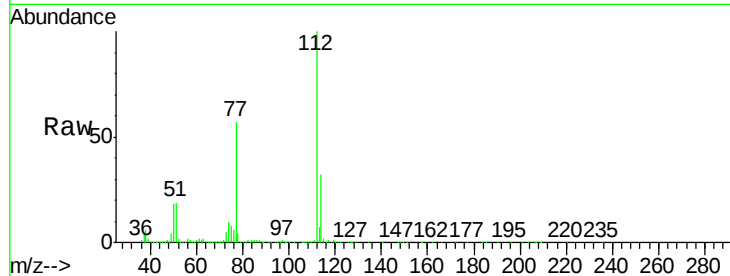
112 100

114 31.8 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

600000

500000

400000

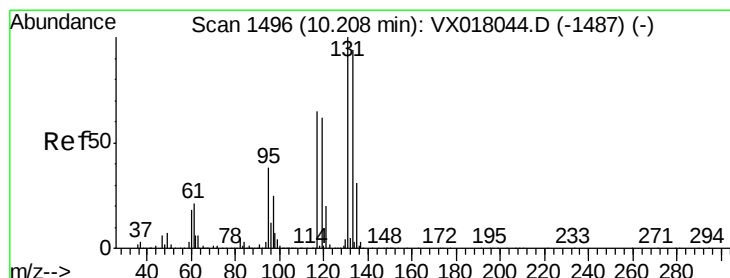
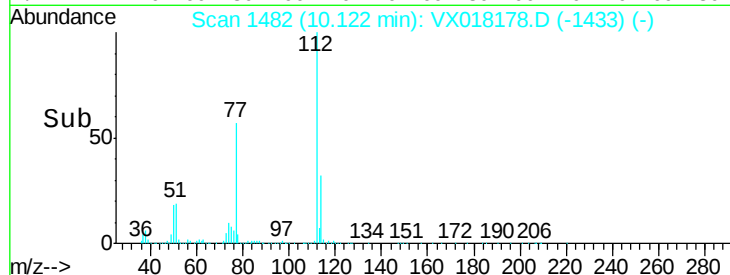
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.214 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

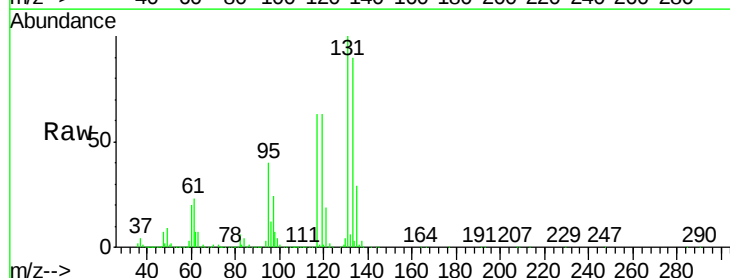
Tgt Ion:131 Resp: 296162

Ion Ratio Lower Upper

131 100

133 90.6 46.7 140.1

119 62.5 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

300000

250000

200000

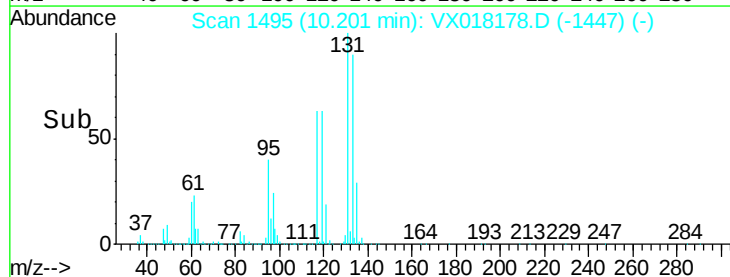
150000

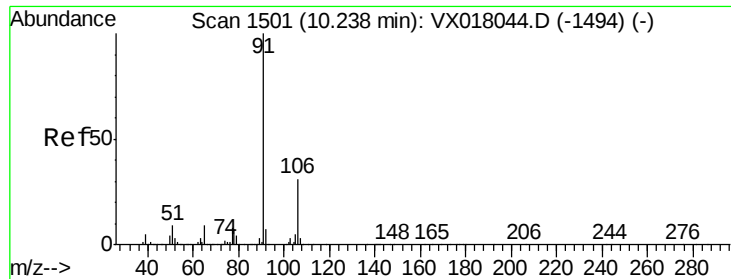
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 54.861 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1269707

Ion Ratio Lower Upper

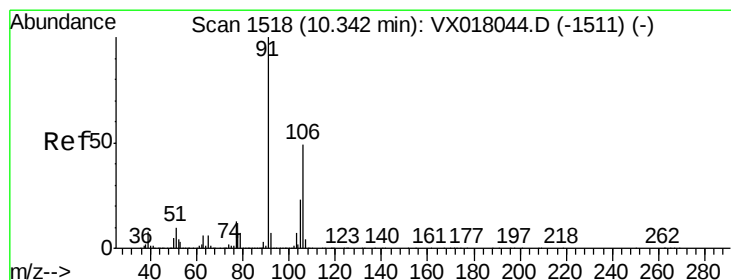
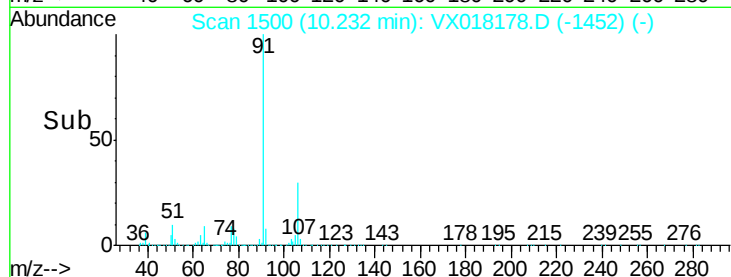
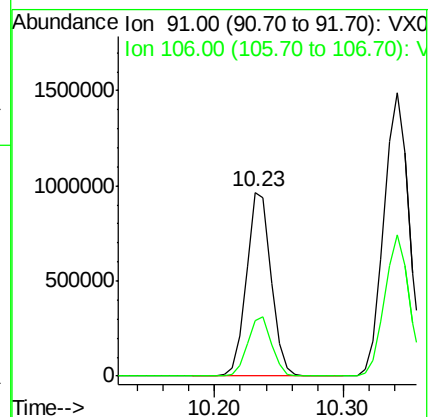
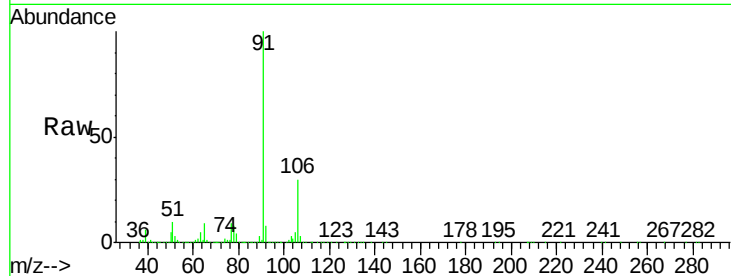
91 100

106 30.3 24.9 37.3

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#68

m/p-Xylenes

Concen: 113.724 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018178.D

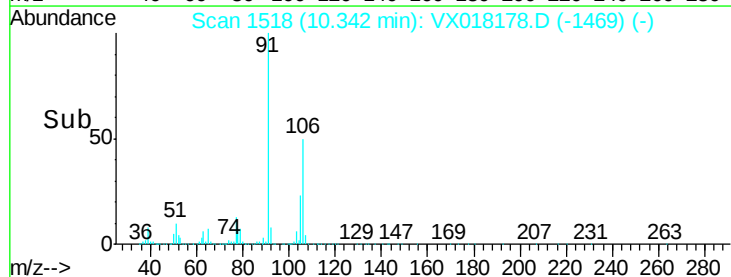
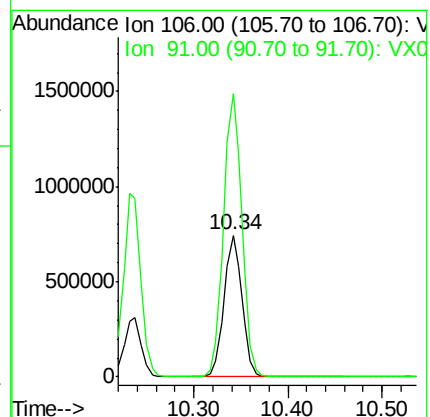
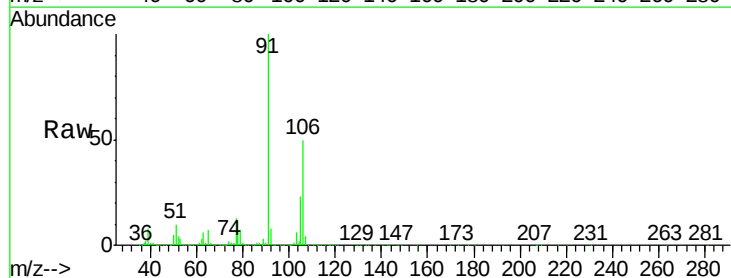
Acq: 01 Sep 2020 09:31

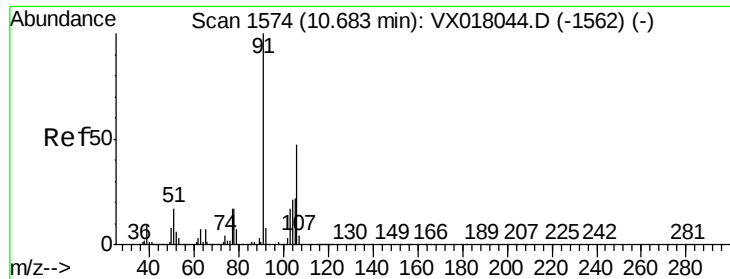
Tgt Ion: 106 Resp: 982397

Ion Ratio Lower Upper

106 100

91 204.1 162.2 243.2





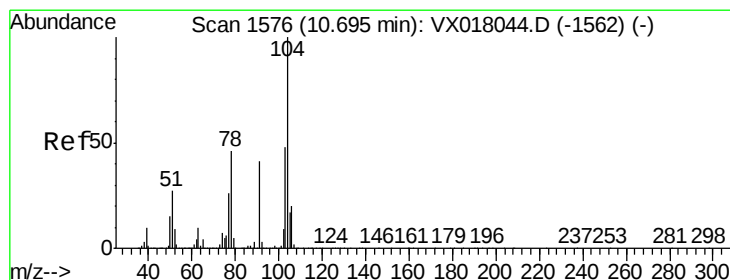
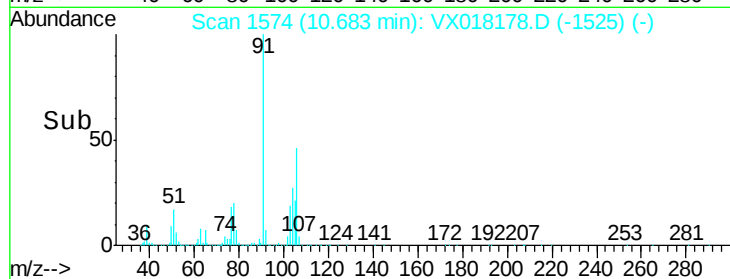
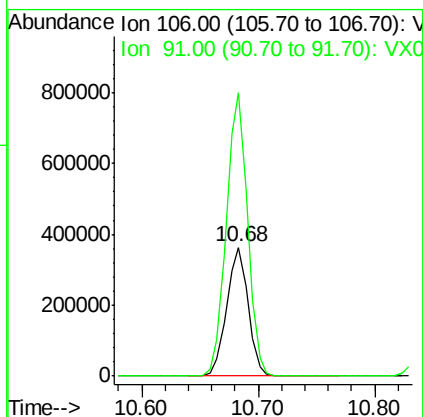
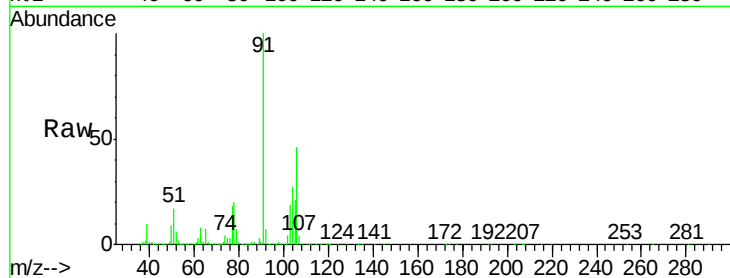
#69
o-Xylene
Concen: 55.282 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	107.1	321.3

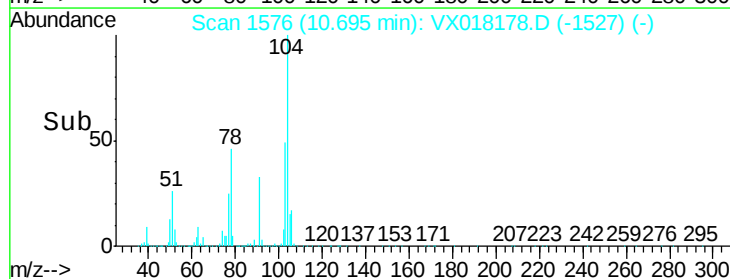
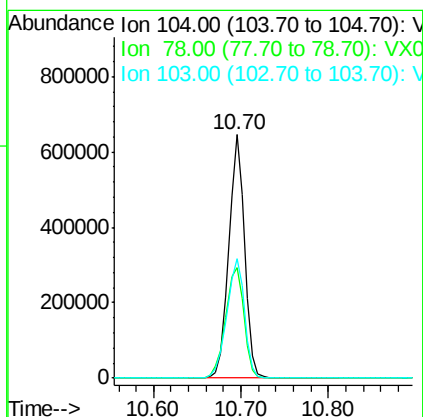
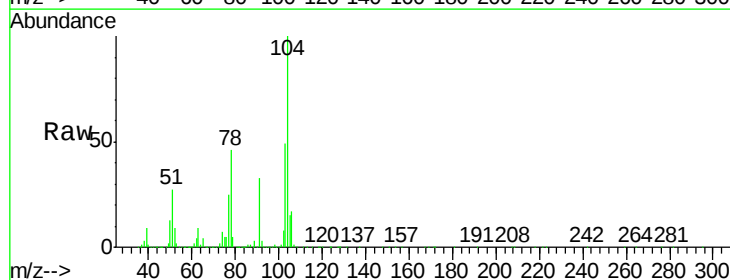
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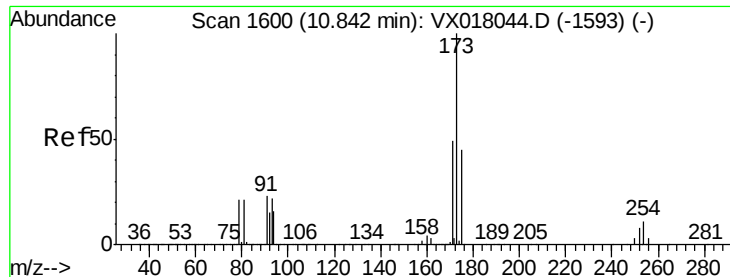
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#70
Styrene
Concen: 56.823 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.7	40.9	61.3
103	54.9	43.6	65.4





#71

Bromoform

Concen: 56.244 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 257326

Ion Ratio Lower Upper

173 100

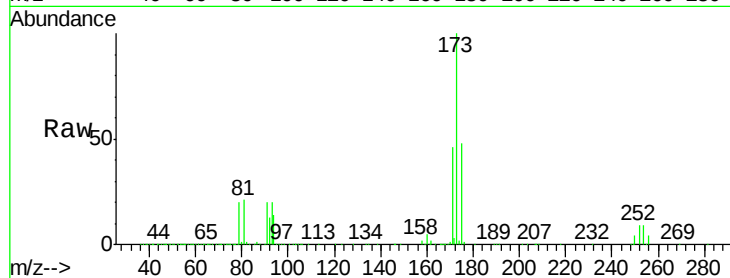
175 48.6 23.9 71.8

254 0.1 0.2 0.2#

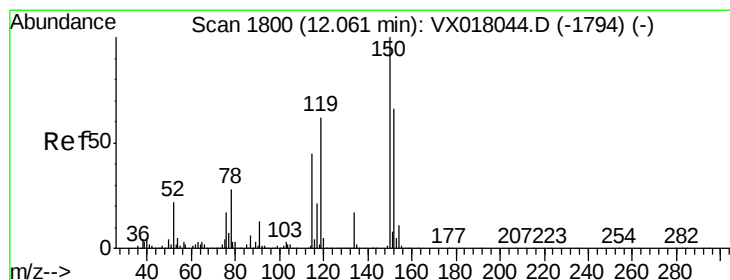
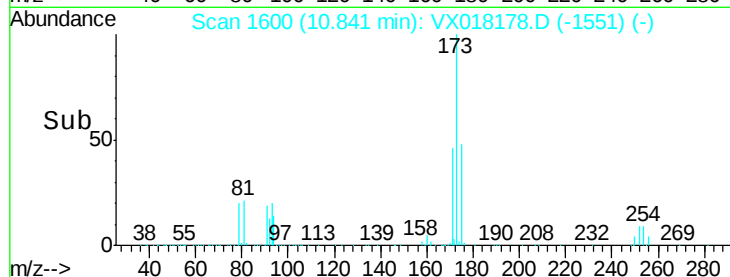
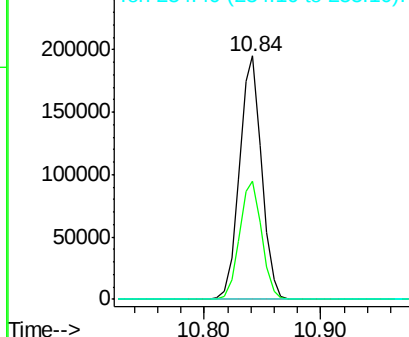
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

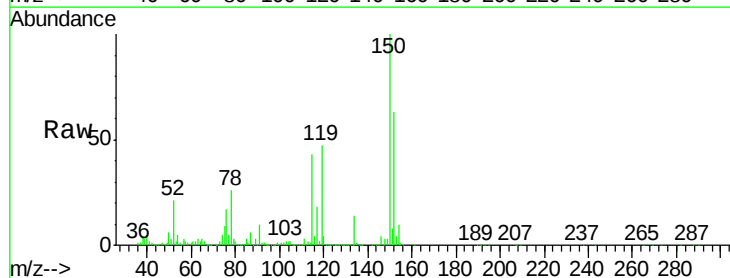
Tgt Ion:152 Resp: 366042

Ion Ratio Lower Upper

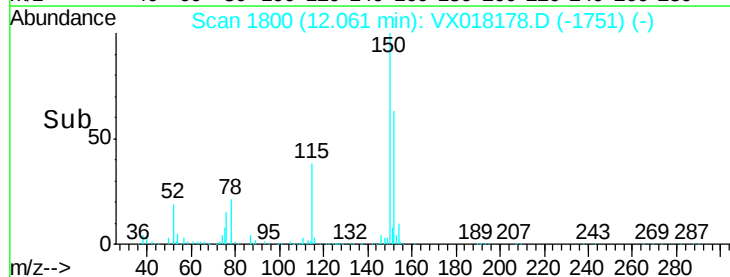
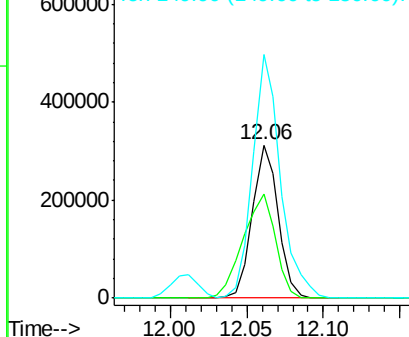
152 100

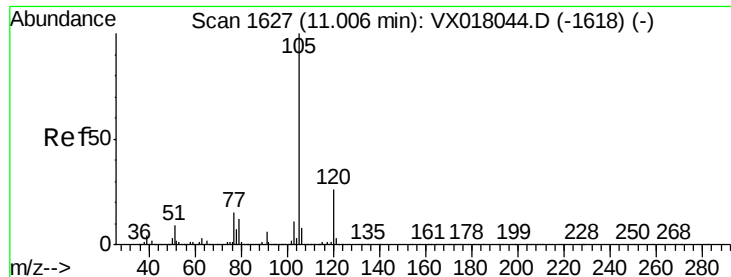
115 84.9 41.5 124.5

150 171.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.640 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1295105

Ion Ratio Lower Upper

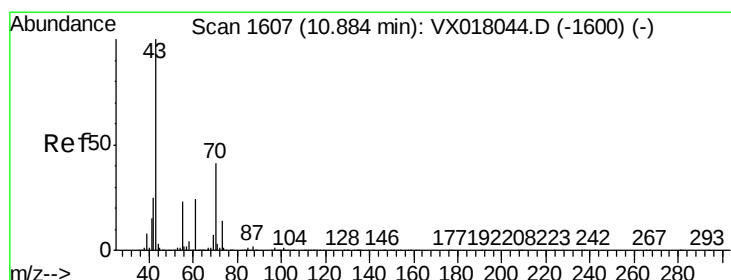
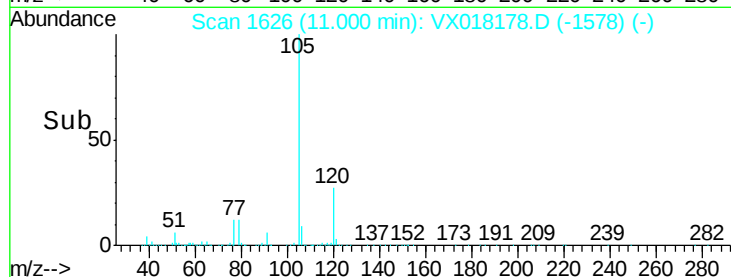
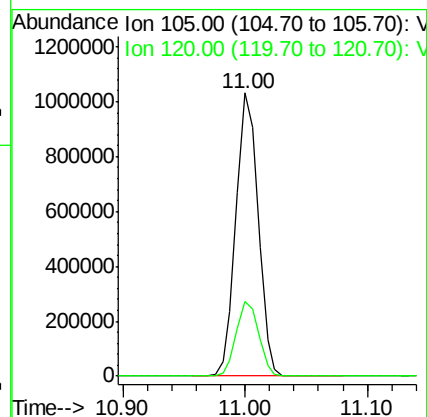
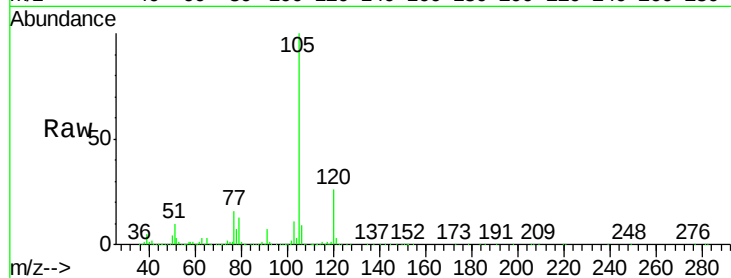
105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 48.276 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion: 43 Resp: 553039

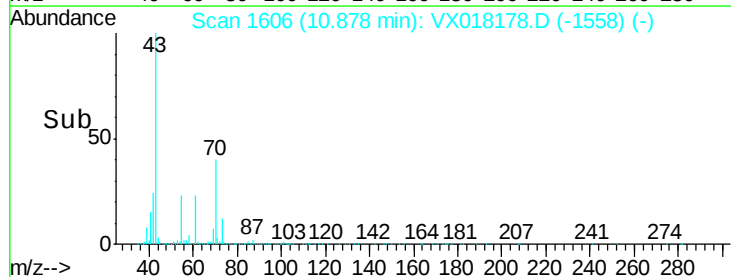
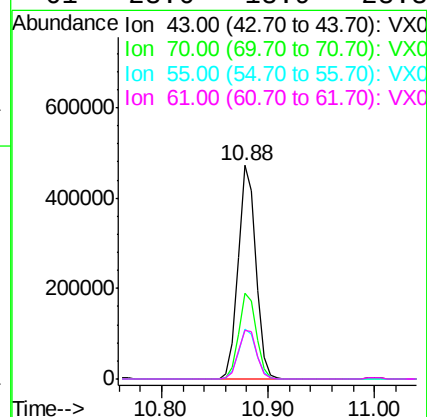
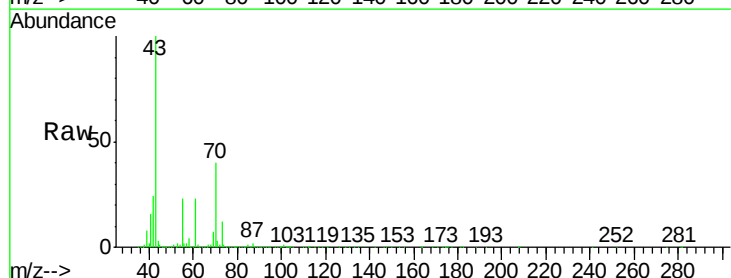
Ion Ratio Lower Upper

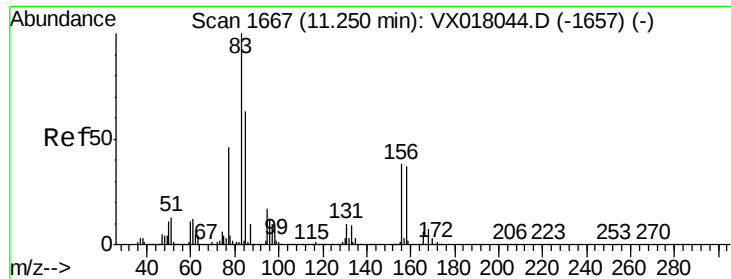
43 100

70 40.3 32.3 48.5

55 23.8 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.823 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

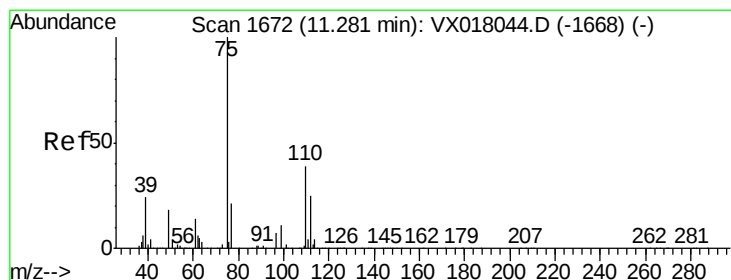
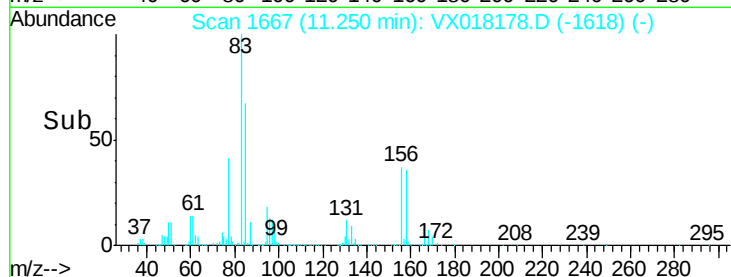
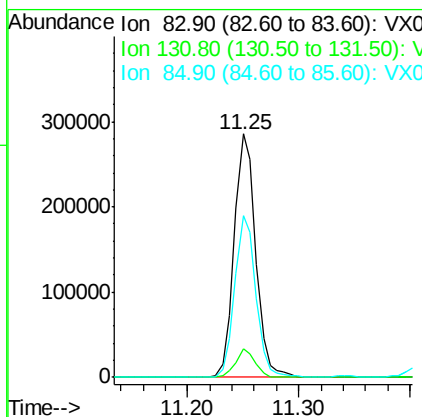
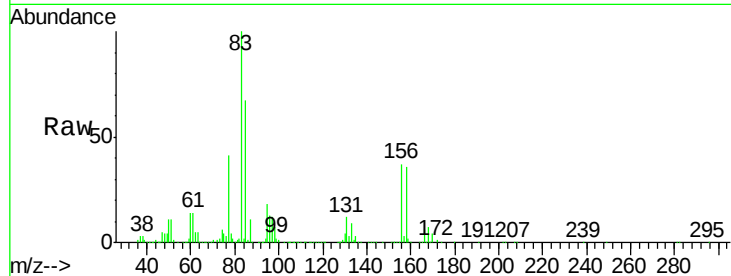
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	381776
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	65.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 47.060 ug/l m

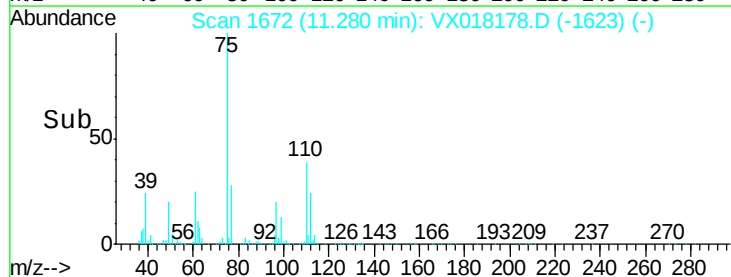
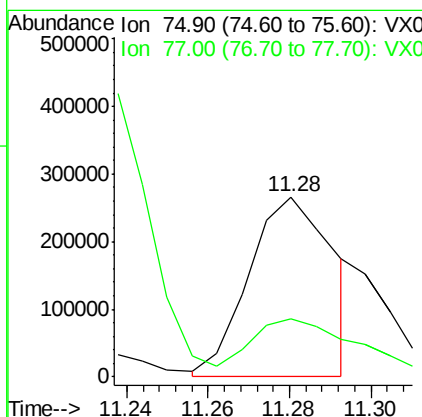
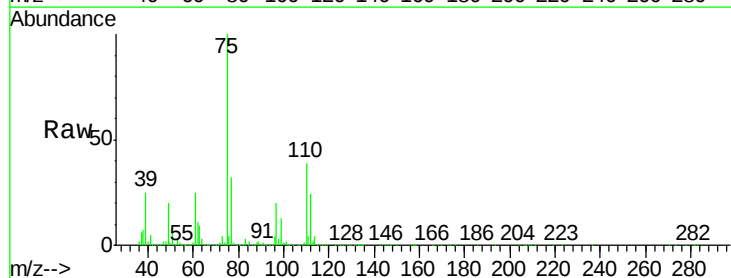
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion:	75	Resp:	383200
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.8	62.2





#77

Bromobenzene

Concen: 50.423 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

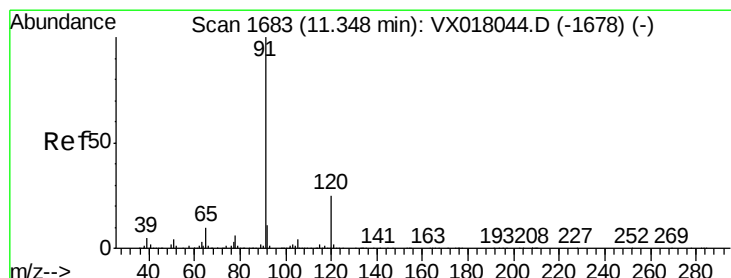
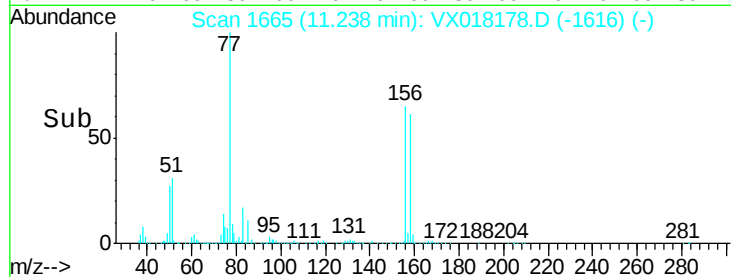
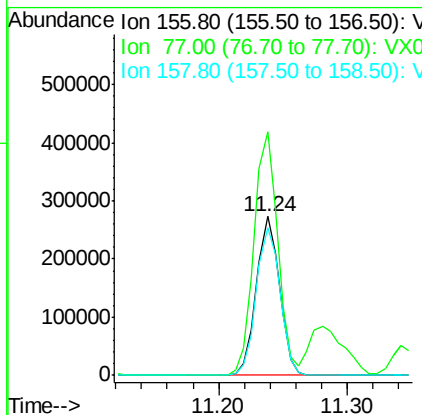
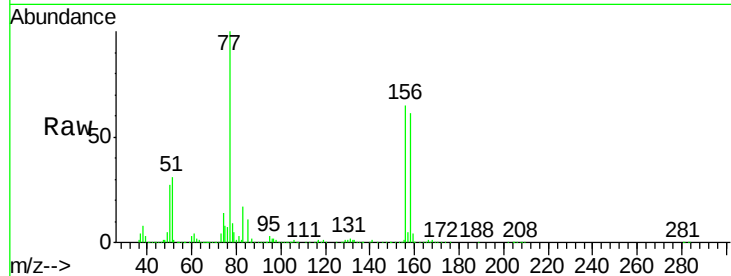
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	336523
Ion Ratio	Lower	Upper	
156	100		
77	156.9	80.0	240.2
158	95.8	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 54.763 ug/l

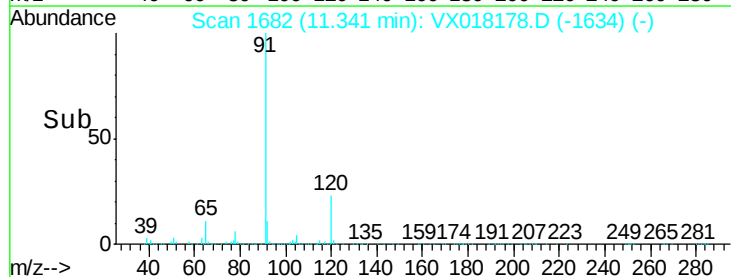
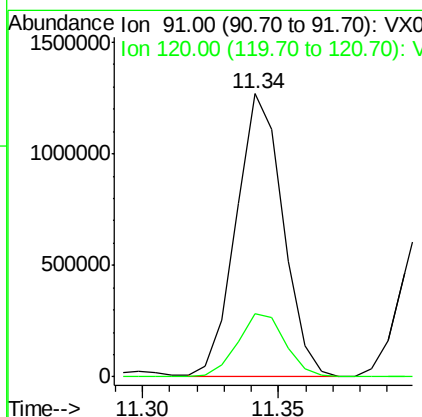
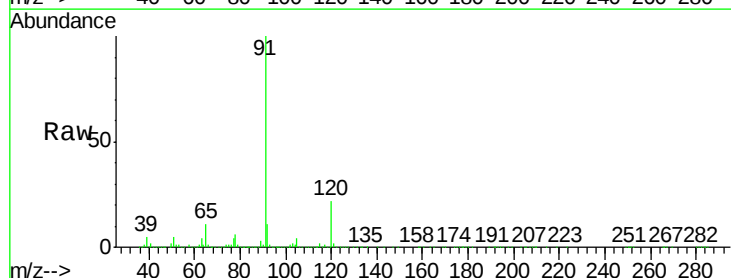
RT: 11.34 min Scan# 1682

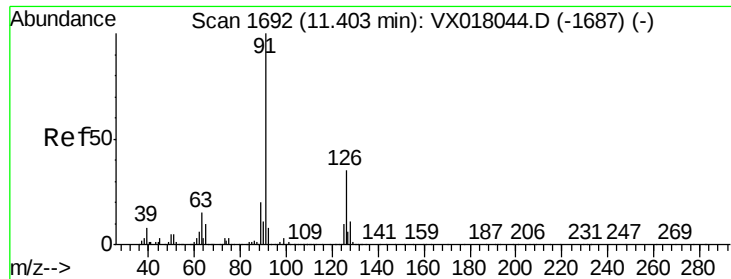
Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion:	91	Resp:	1501330
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 53.356 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 903729

Ion Ratio Lower Upper

91 100

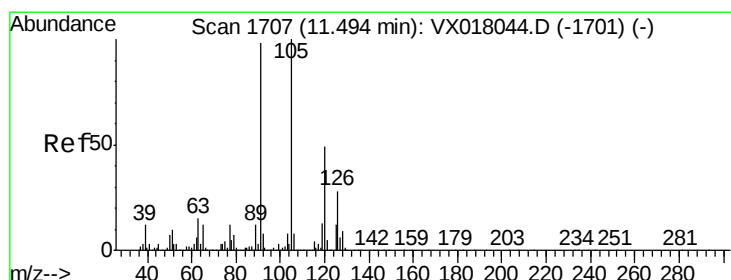
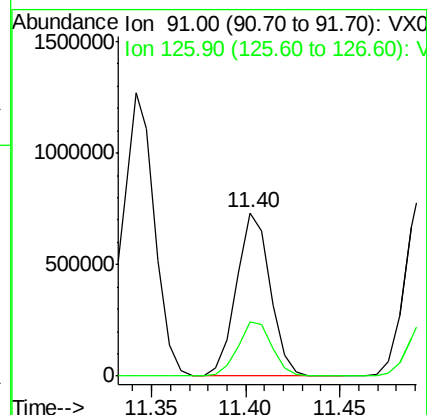
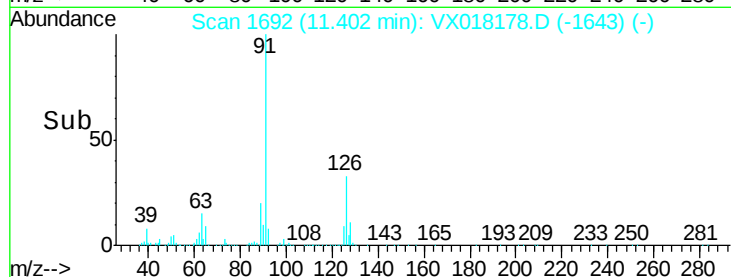
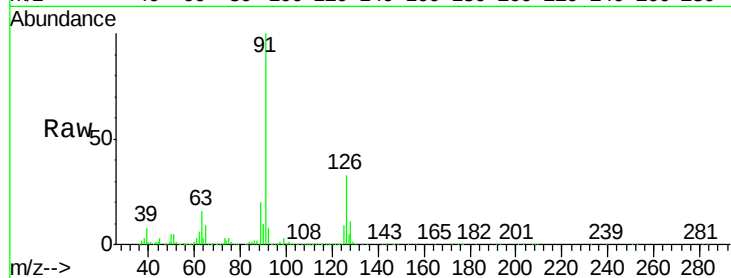
126 33.9 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 56.339 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018178.D

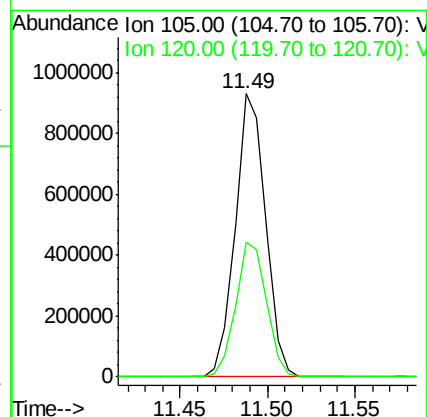
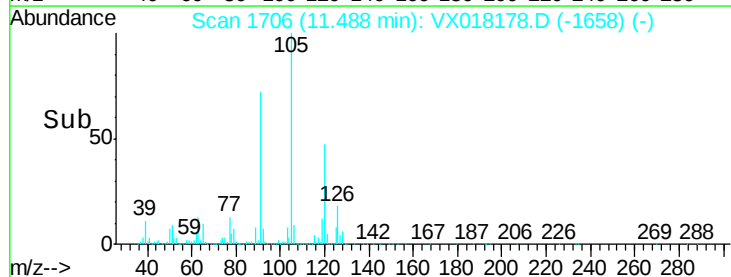
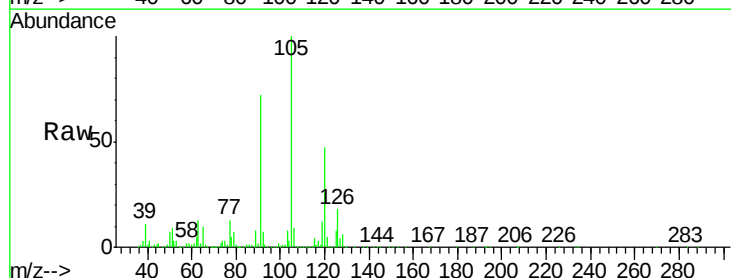
Acq: 01 Sep 2020 09:31

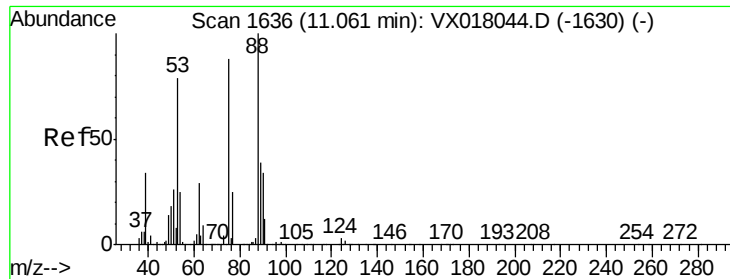
Tgt Ion: 105 Resp: 1117816

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





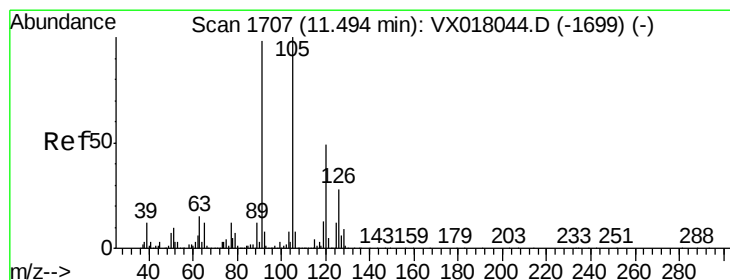
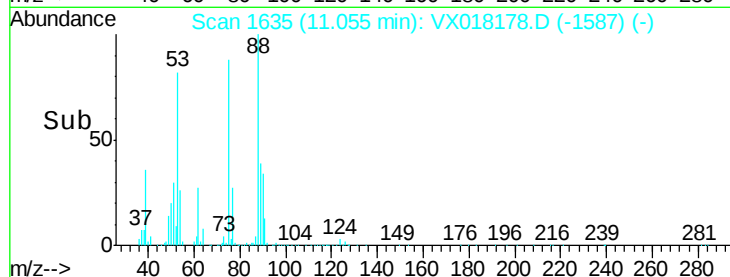
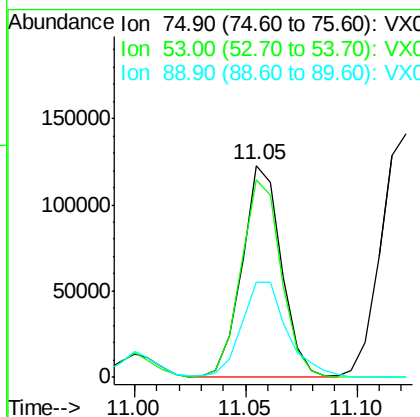
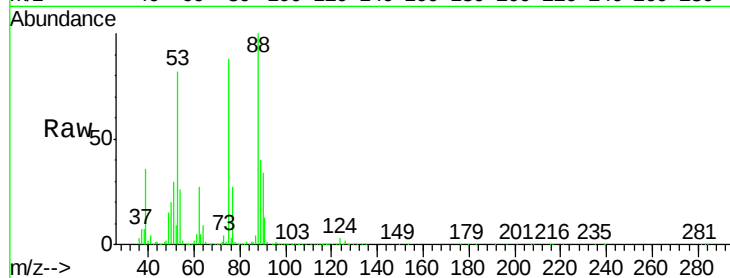
#81
trans-1,4-Dichloro-2-butene
Concen: 49.815 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	74.7	112.1
89	53.1	36.6	54.8

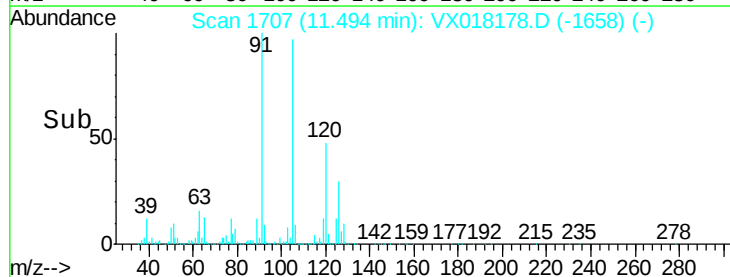
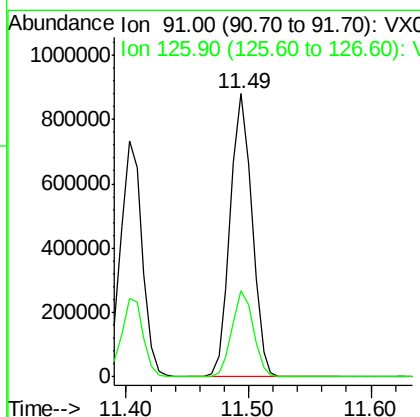
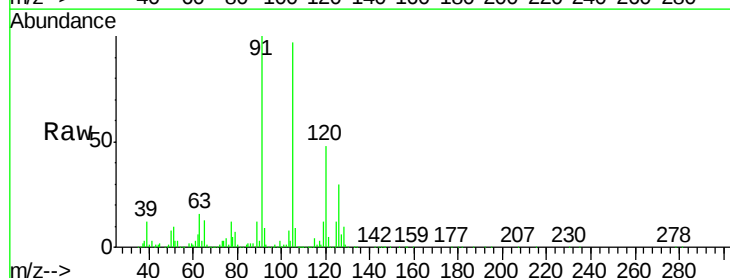
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#82
4-Chlorotoluene
Concen: 53.585 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.1	45.3





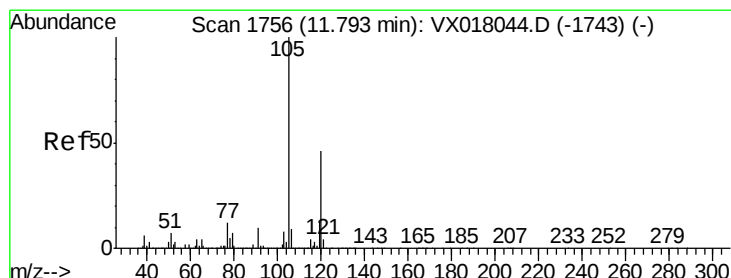
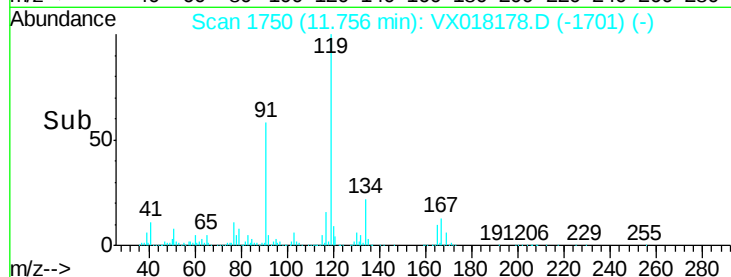
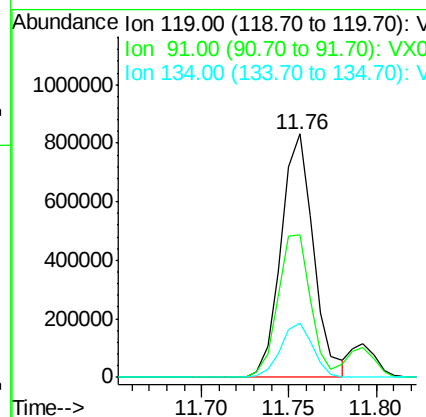
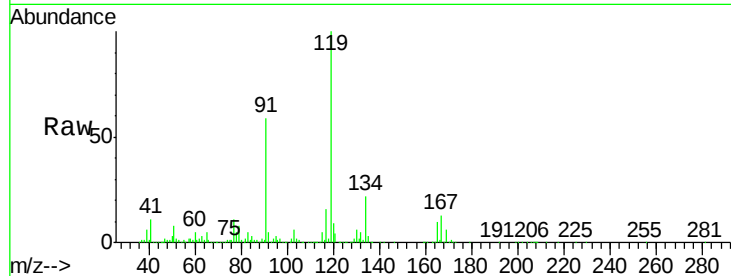
#83
 tert-Butylbenzene
 Concen: 54.951 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	28.2	84.7
134	22.0	11.3	33.8

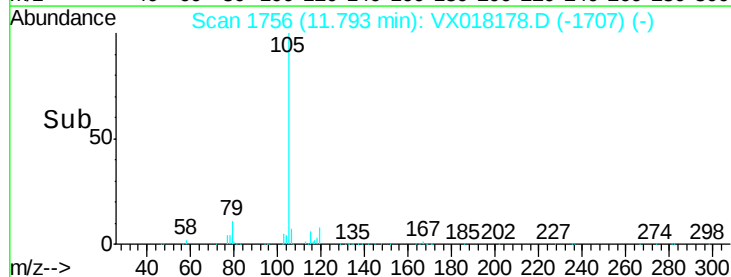
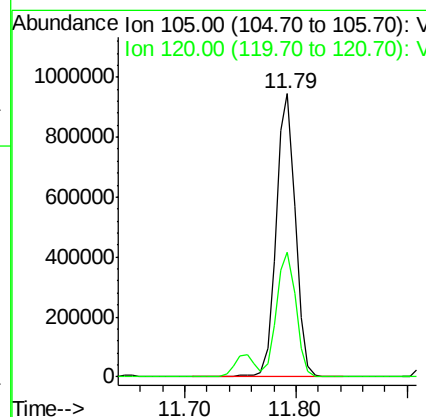
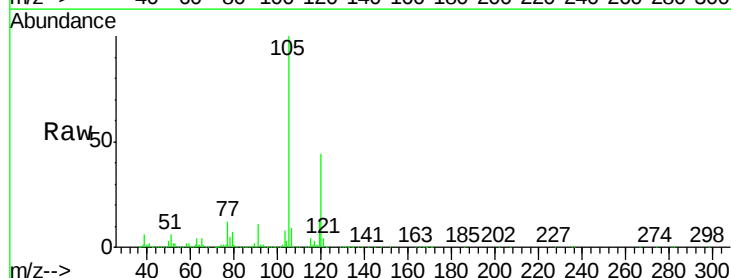
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.827 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.3	66.9





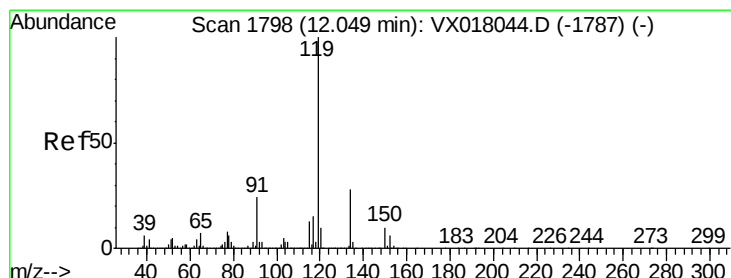
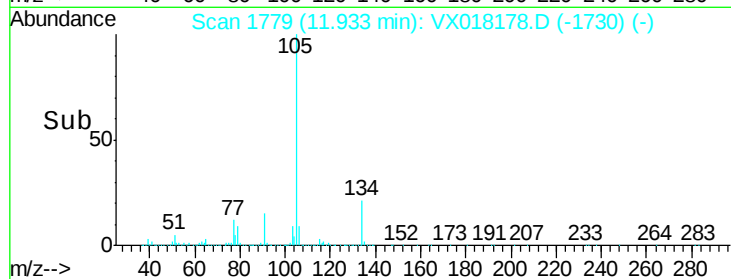
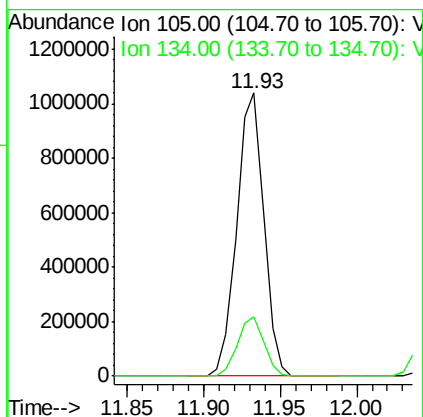
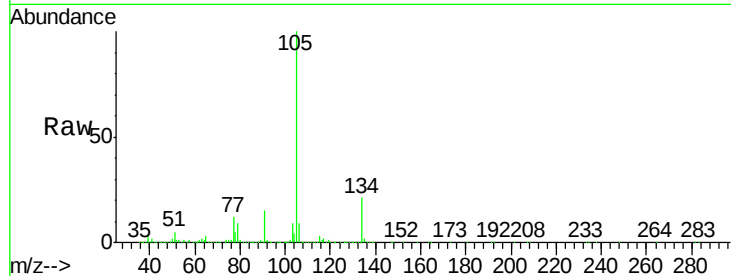
#85
 sec-Butylbenzene
 Concen: 56.855 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.3

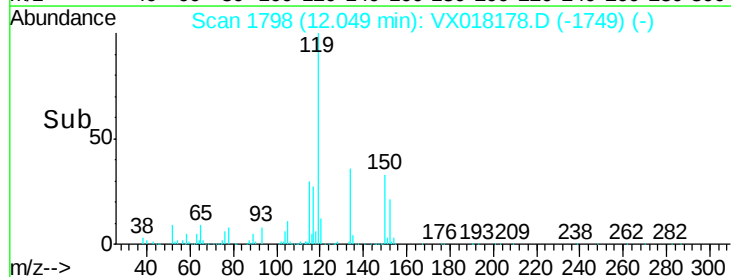
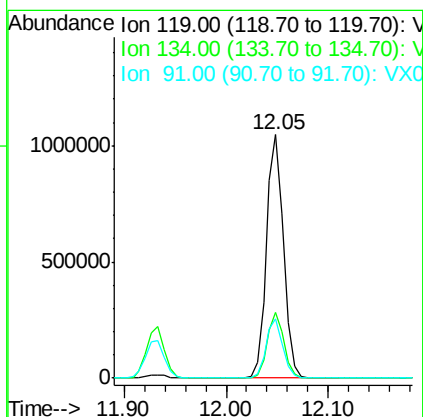
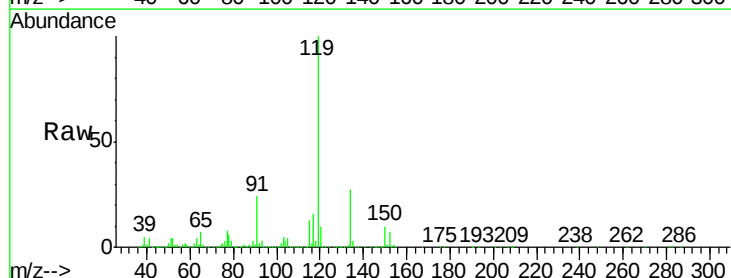
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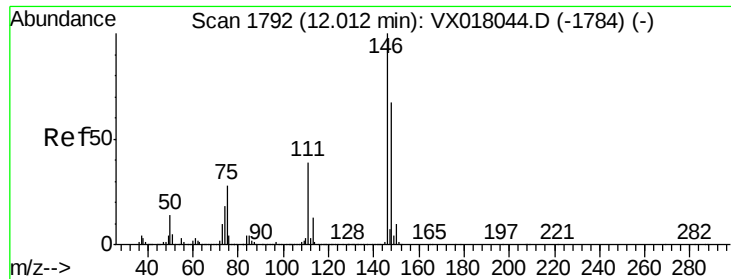
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#86
 p-Isopropyltoluene
 Concen: 59.137 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	24.1	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 52.900 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018178.D

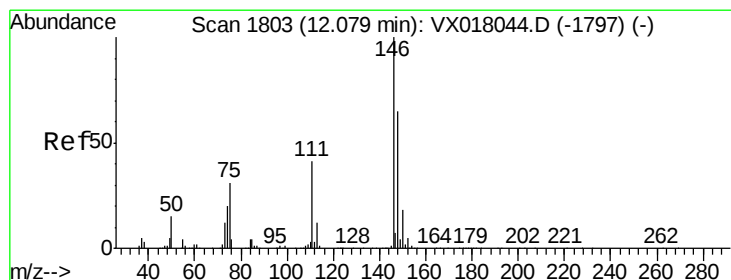
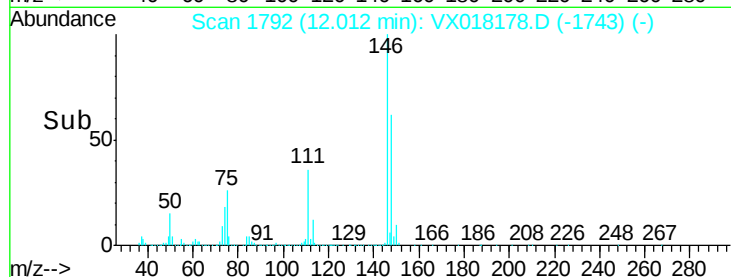
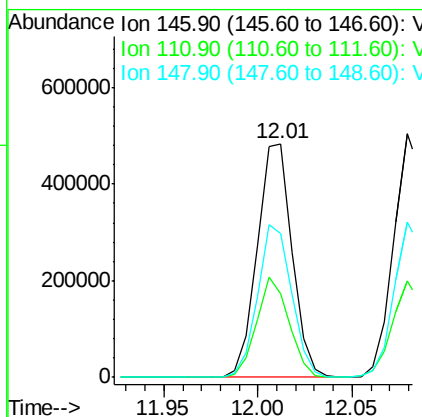
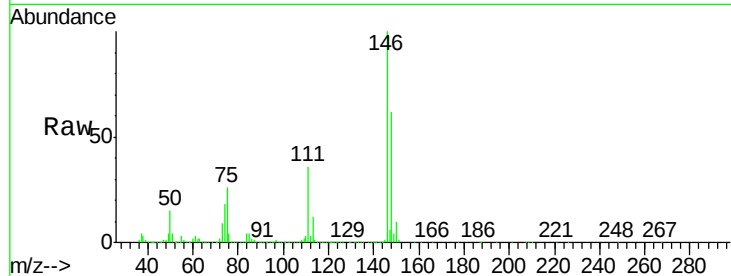
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.8	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.605 ug/l

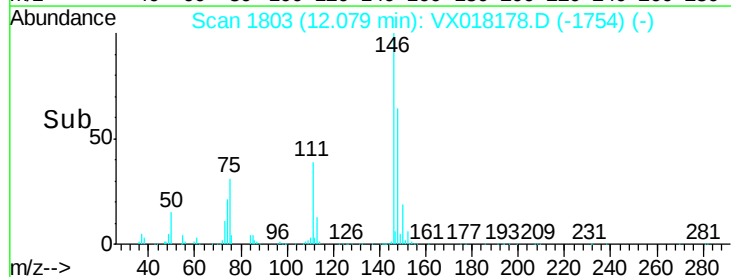
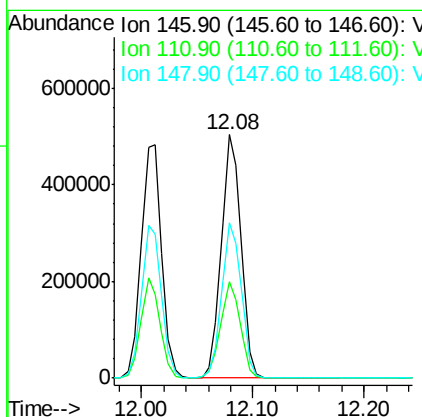
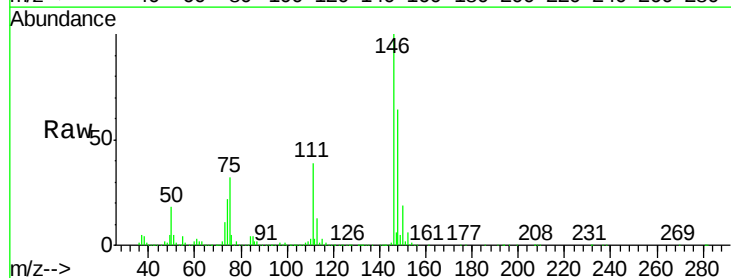
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.8
148	63.6	33.1	99.2





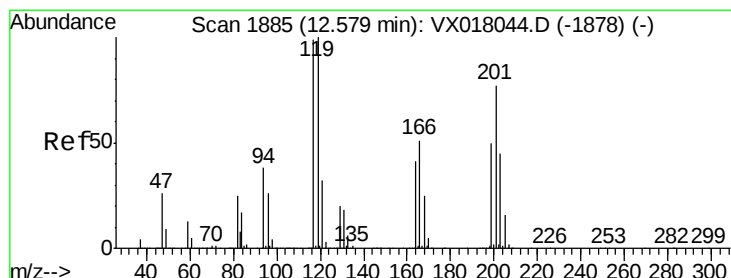
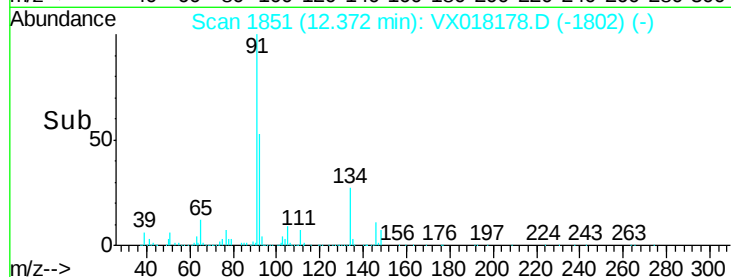
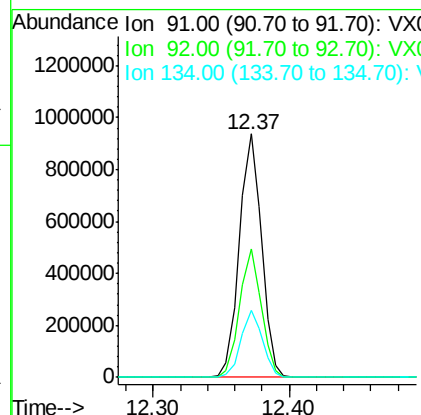
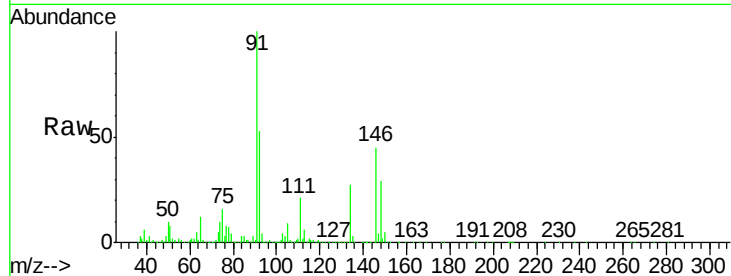
#89
n-Butylbenzene
Concen: 56.899 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.2
134	26.7	12.9	38.7

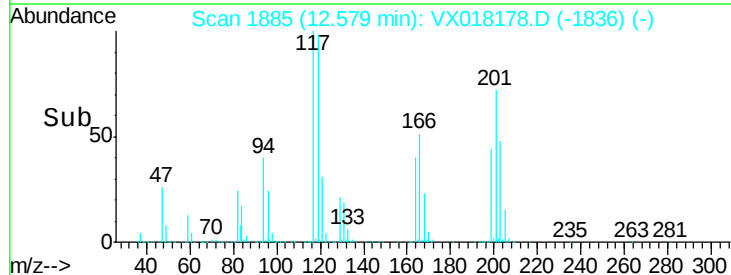
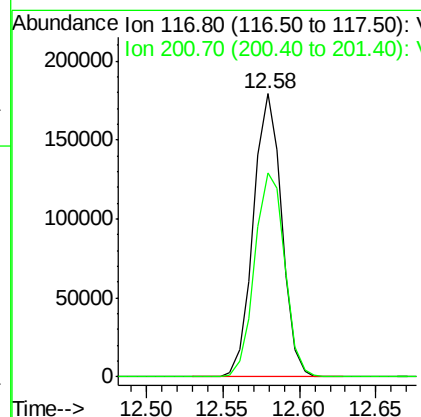
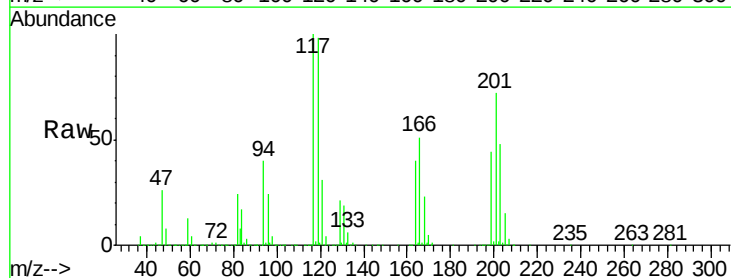
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#90
Hexachloroethane
Concen: 57.321 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	38.5	115.3





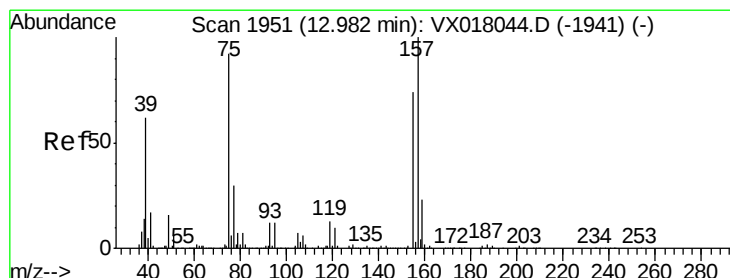
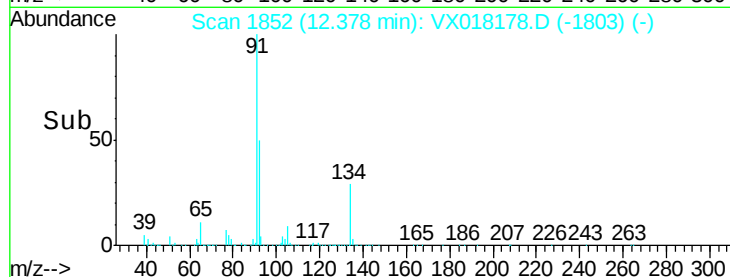
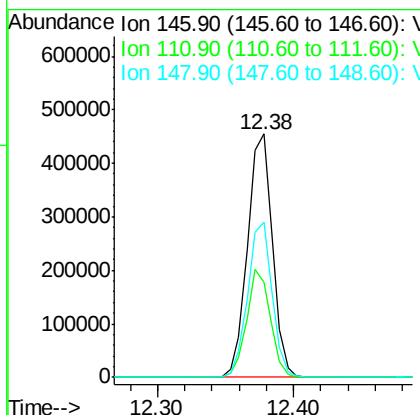
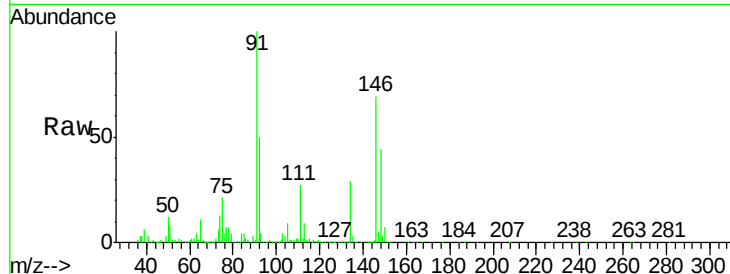
#91
 1,2-Dichlorobenzene
 Concen: 52.881 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	62.5	31.6	95.0

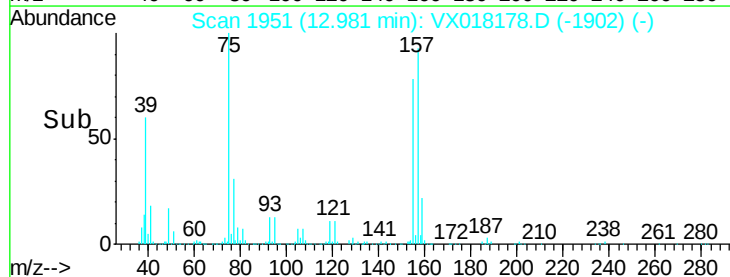
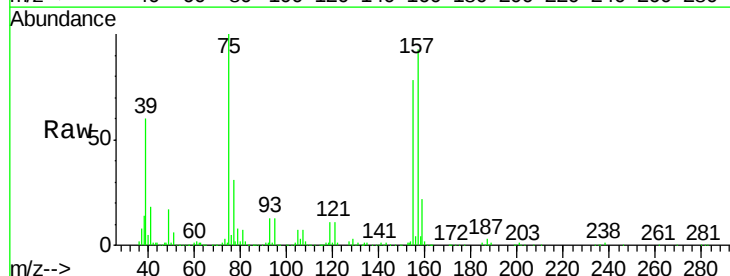
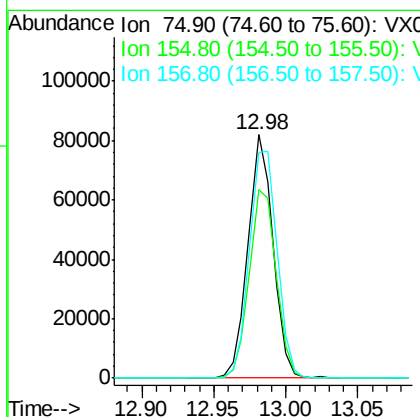
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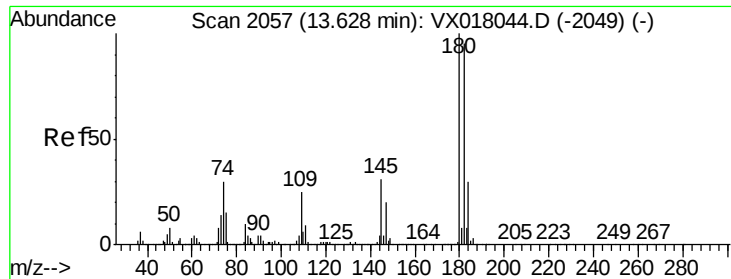
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.190 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	40.2	120.6
157	103.5	55.0	165.2





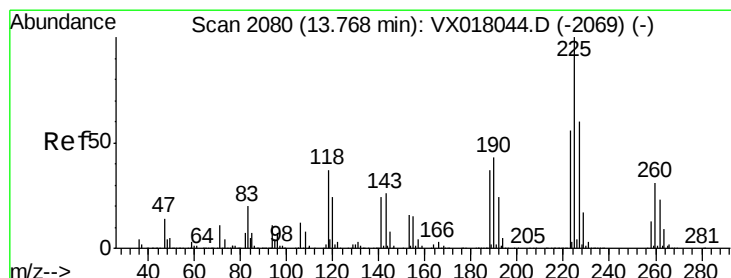
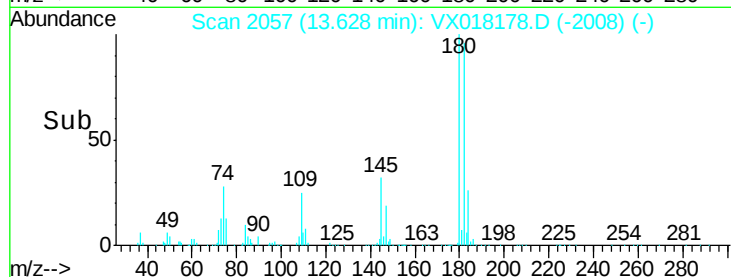
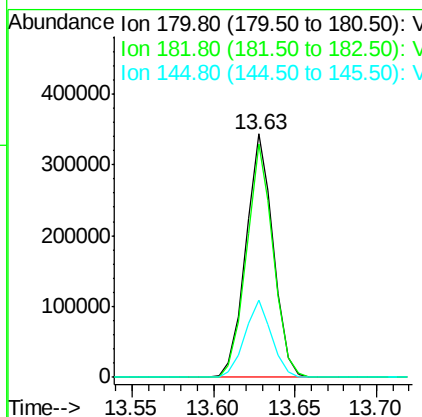
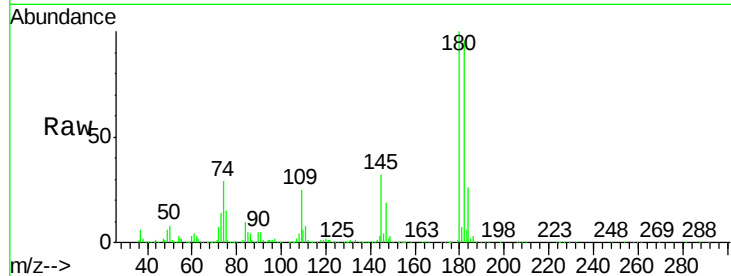
#93
 1,2,4-Trichlorobenzene
 Concen: 54.396 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	400092		
182	94.1	47.5	142.6	
145	31.5	15.7	47.1	

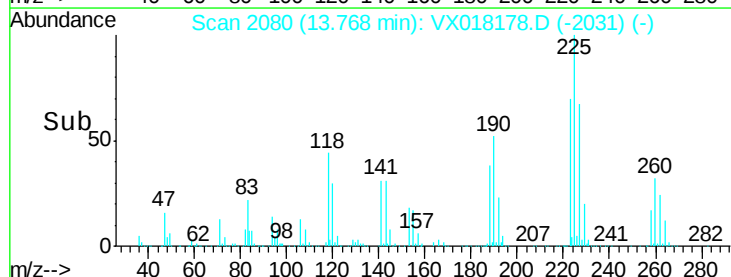
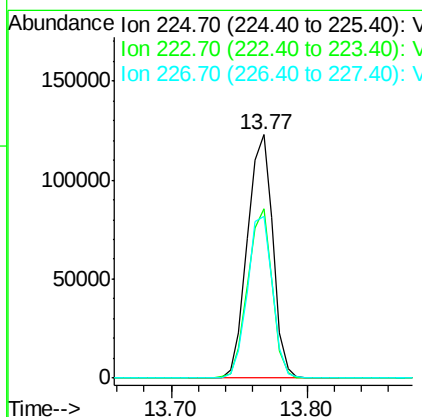
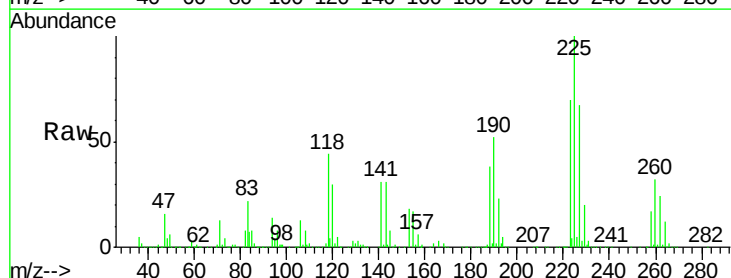
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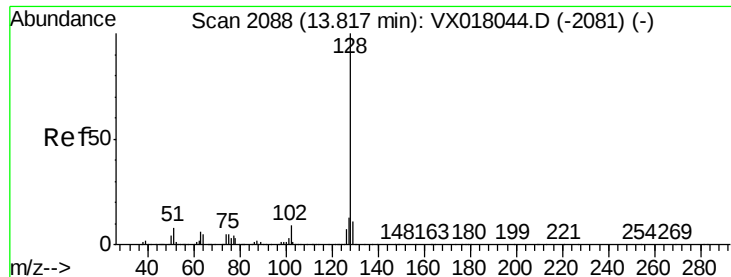
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#94
 Hexachlorobutadiene
 Concen: 55.681 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161537		
223	66.3	30.7	92.1	
227	65.5	32.6	97.8	





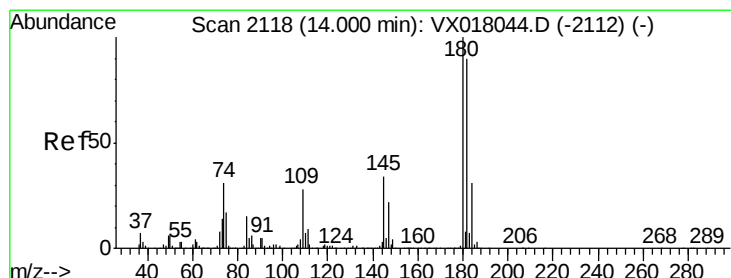
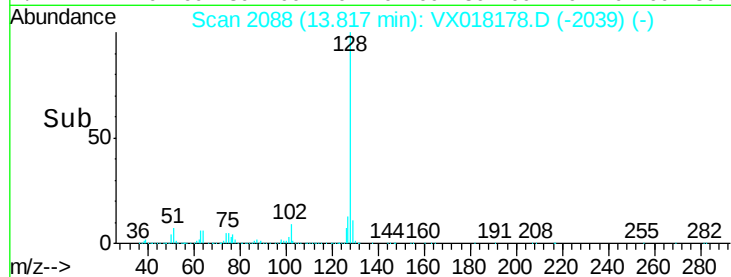
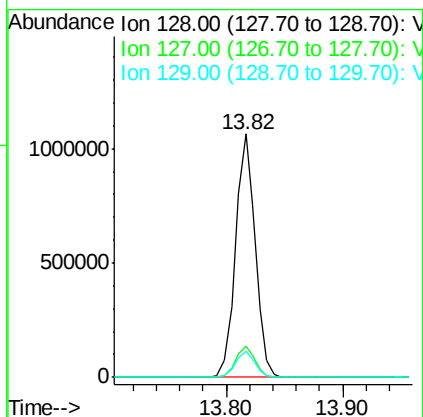
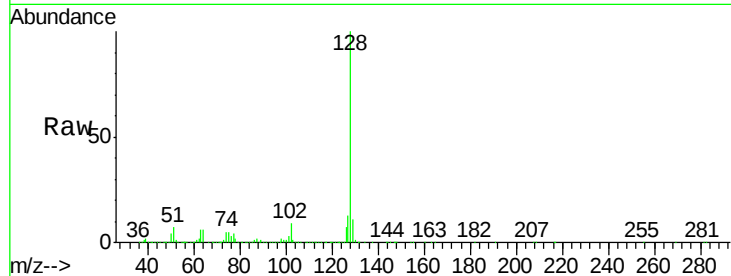
#95
Naphthalene
Concen: 51.583 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.985 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	33.4	17.5	52.6

