

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017741.D
 Acq On : 03 Aug 2020 12:54
 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
 8/4/2020 9:51:04 AM

Quant Time: Aug 04 06:59:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	503055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	731892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	720019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	314079	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	247440	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
50) Toluene-d8	8.70	98	902185	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	347235	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	234208	50.186	ug/l	99
3) Chloromethane	1.31	50	282981	45.541	ug/l	99
4) Vinyl Chloride	1.39	62	294322	46.494	ug/l	99
5) Bromomethane	1.62	94	173804	51.152	ug/l	97
6) Chloroethane	1.70	64	182857	52.421	ug/l	98
7) Trichlorofluoromethane	1.91	101	498933	50.109	ug/l	98
8) Diethyl Ether	2.17	74	167822	52.044	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273441	50.044	ug/l	97
10) Methyl Iodide	2.49	142	326943	46.771	ug/l	98
11) Tert butyl alcohol	3.02	59	312187	229.227	ug/l	100
12) 1,1-Dichloroethene	2.36	96	252430	48.581	ug/l	99
13) Acrolein	2.27	56	322321	308.987	ug/l	100
14) Allyl chloride	2.70	41	481179	50.716	ug/l	98
15) Acrylonitrile	3.12	53	730531	248.347	ug/l	100
16) Acetone	2.42	43	636250	223.706	ug/l	100
17) Carbon Disulfide	2.55	76	681154	43.129	ug/l	99
18) Methyl Acetate	2.75	43	360784	53.862	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	901070	50.103	ug/l	100
20) Methylene Chloride	2.83	84	290970	54.434	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	275949	49.574	ug/l	99
22) Diisopropyl ether	3.82	45	883027	50.901	ug/l	99
23) Vinyl Acetate	3.78	43	3919362	253.386	ug/l	99
24) 1,1-Dichloroethane	3.67	63	503008	50.334	ug/l	98
25) 2-Butanone	4.64	43	907049	224.495	ug/l	96
26) 2,2-Dichloropropane	4.55	77	462689	51.723	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	294747	48.751	ug/l	98
28) Bromochloromethane	4.98	49	211070	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	586069	234.173	ug/l	100
30) Chloroform	5.18	83	505349	49.490	ug/l	96
31) Cyclohexane	5.55	56	375532	47.123	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	480093	49.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	355168	50.598	ug/l	100
37) Ethyl Acetate	4.79	43	385007	50.128	ug/l	100
38) Carbon Tetrachloride	5.75	117	441419	51.784	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	410706	50.120	ug/l	99
40) Benzene	6.12	78	1023752	50.871	ug/l	99
41) Methacrylonitrile	5.00	41	209043	47.485	ug/l	97
42) 1,2-Dichloroethane	6.16	62	423793	51.474	ug/l	100
43) Isopropyl Acetate	6.41	43	599666	47.321	ug/l	100
44) Trichloroethene	7.18	130	314102	53.407	ug/l	99
45) 1,2-Dichloropropane	7.49	63	279217	50.049	ug/l	100
46) Dibromomethane	7.63	93	194288	49.279	ug/l	97
47) Bromodichloromethane	7.87	83	411670	51.893	ug/l	99
48) Methyl methacrylate	7.74	41	306582	48.807	ug/l	97
49) 1,4-Dioxane	7.71	88	108100	897.605	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1887375	249.618	ug/l	99
52) Toluene	8.76	92	671353	52.018	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457930	51.566	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	477557	52.722	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	276176	51.368	ug/l	99
56) Ethyl methacrylate	9.16	69	433836	53.560	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453100	51.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1004302	235.339	ug/l	98
59) 2-Hexanone	9.47	43	1435709	252.206	ug/l	99
60) Dibromochloromethane	9.57	129	364812	53.386	ug/l	97
61) 1,2-Dibromoethane	9.65	107	303766	53.069	ug/l	99
64) Tetrachloroethene	9.32	164	319815	49.489	ug/l	94
65) Chlorobenzene	10.12	112	784752	50.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	319936	50.865	ug/l	100
67) Ethyl Benzene	10.23	91	1300814	50.002	ug/l	98
68) m/p-Xylenes	10.34	106	1034091	102.605	ug/l	97
69) o-Xylene	10.68	106	498246	51.402	ug/l	98
70) Styrene	10.70	104	876516	53.148	ug/l	99
71) Bromoform	10.84	173	280335	51.443	ug/l	98
73) Isopropylbenzene	11.00	105	1378440	51.806	ug/l	98
74) N-amyl acetate	10.88	43	563827	47.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	375313	45.190	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	386220m	48.408	ug/l	
77) Bromobenzene	11.24	156	356184	47.817	ug/l	99
78) n-propylbenzene	11.34	91	1602923	53.414	ug/l	98
79) 2-Chlorotoluene	11.40	91	909696	48.936	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1163928	51.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	145916	46.084	ug/l	95
82) 4-Chlorotoluene	11.49	91	1098508	50.095	ug/l	100
83) tert-Butylbenzene	11.76	119	1104930	50.830	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1175378	52.018	ug/l	99
85) sec-Butylbenzene	11.93	105	1291902	51.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	1282367	53.177	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	648150	50.670	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	647217	48.848	ug/l	100
89) n-Butylbenzene	12.37	91	1144001	53.239	ug/l	99
90) Hexachloroethane	12.58	117	252395	53.088	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	647800	51.527	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	109744	46.894	ug/l	99

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ClientSampleId :
VSTDCCC050

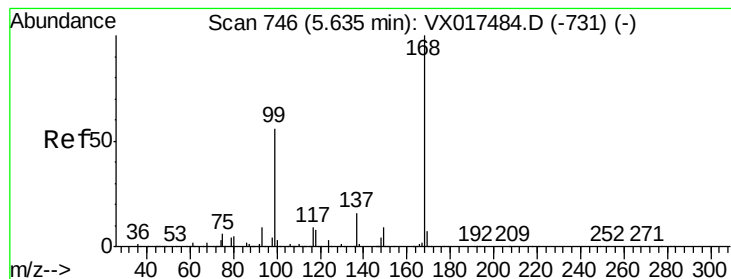
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	487254	56.788	ug/l	98
94) Hexachlorobutadiene	13.77	225	227418	57.580	ug/l	99
95) Naphthalene	13.82	128	1476996	57.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	481622	56.849	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 503055

Ion Ratio Lower Upper

168 100

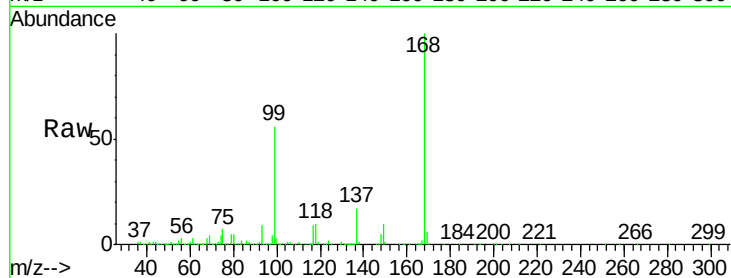
99 55.7 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

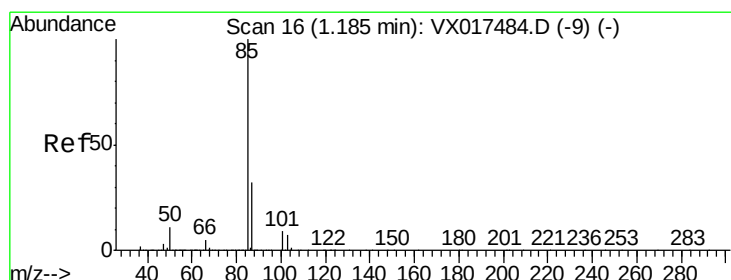
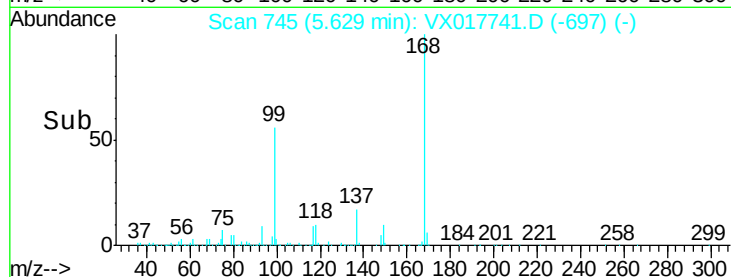
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.186 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017741.D

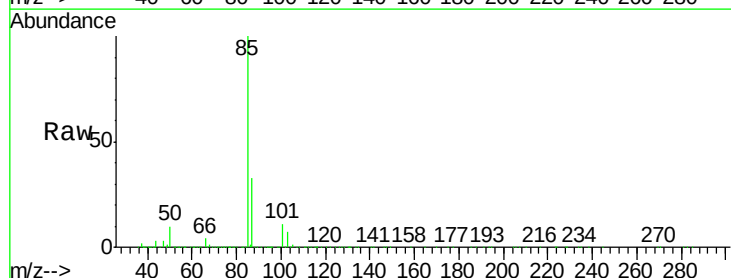
Acq: 03 Aug 2020 12:54

Tgt Ion: 85 Resp: 234208

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

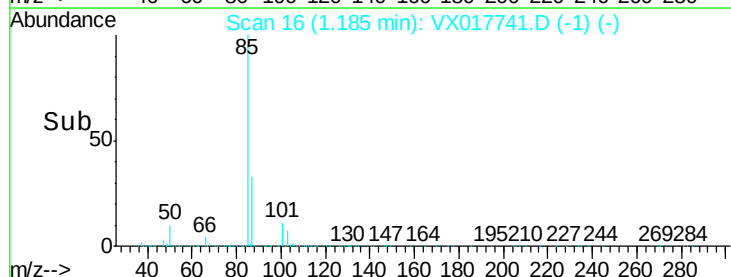
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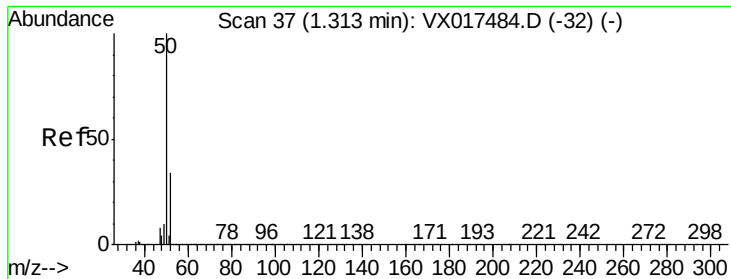
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Time-->





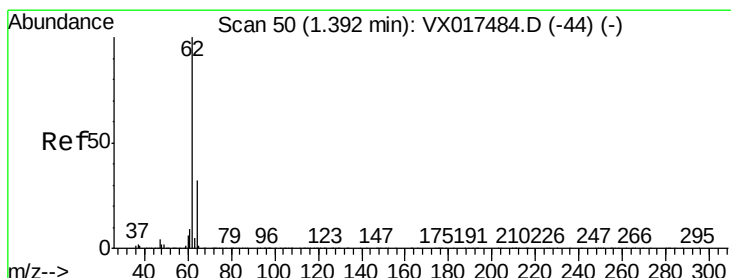
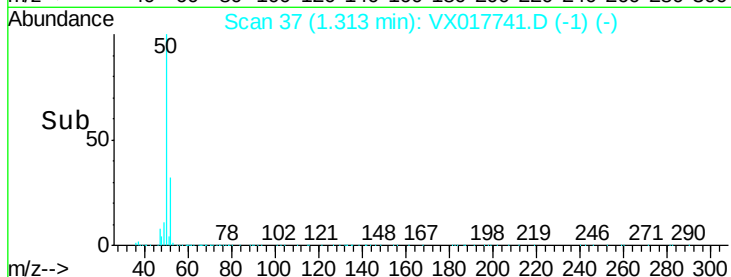
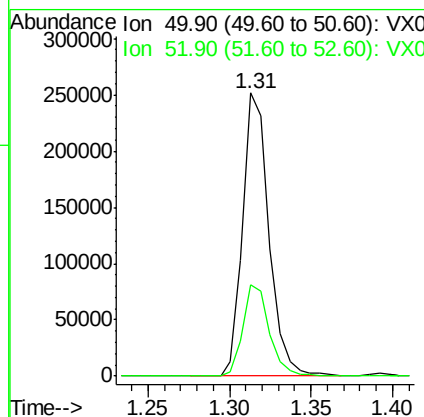
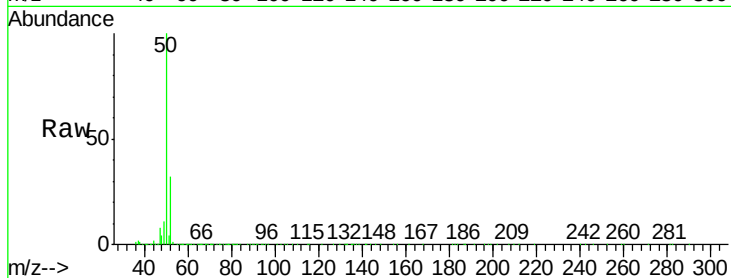
#3
Chloromethane
Concen: 45.541 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.9	38.9

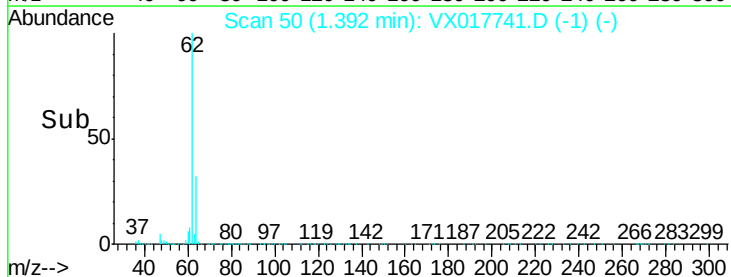
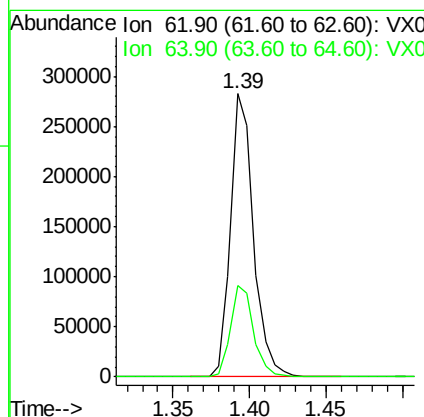
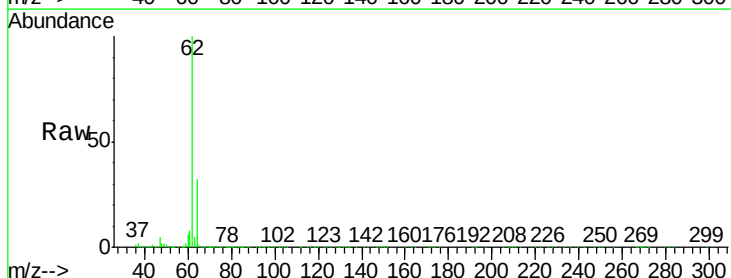
Manual Integrations
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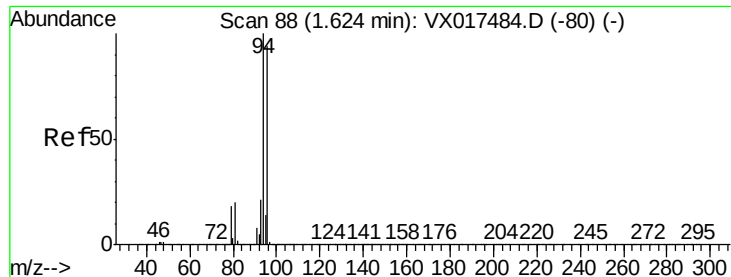
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#4
Vinyl Chloride
Concen: 46.494 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.2	37.8





#5

Bromomethane

Concen: 51.152 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 173804

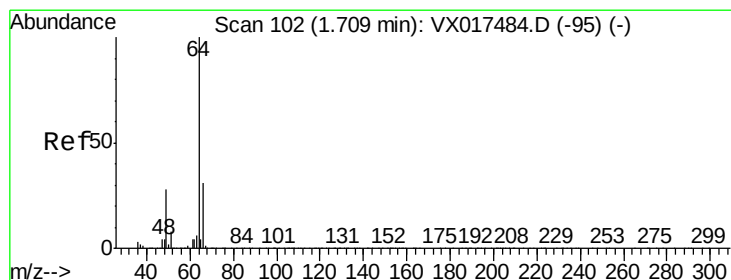
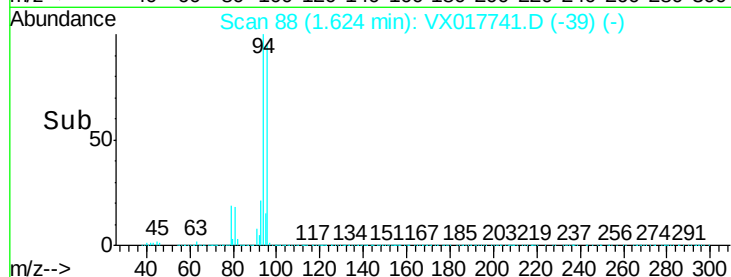
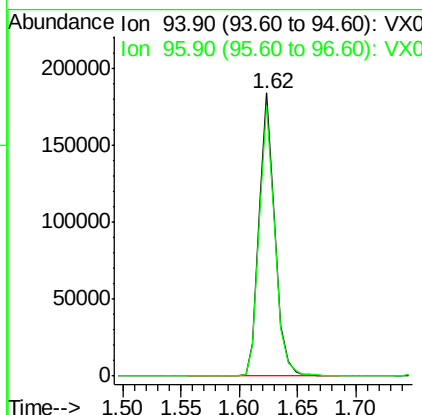
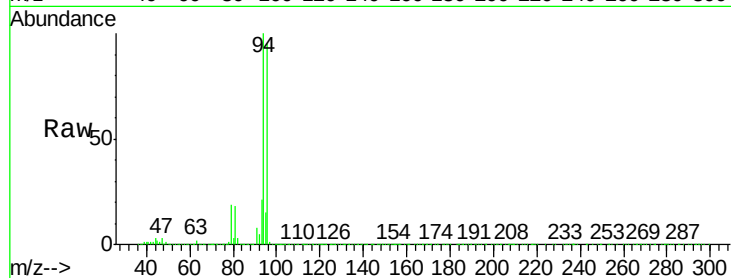
Ion Ratio Lower Upper

94 100

96 95.3 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 52.421 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017741.D

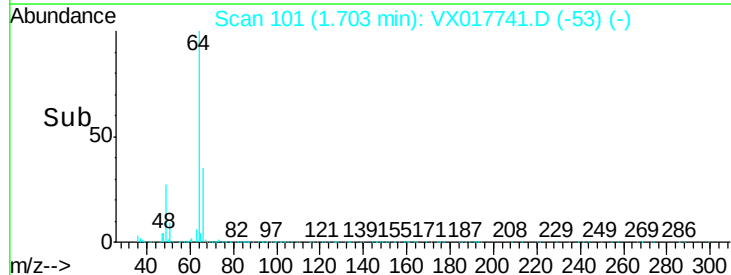
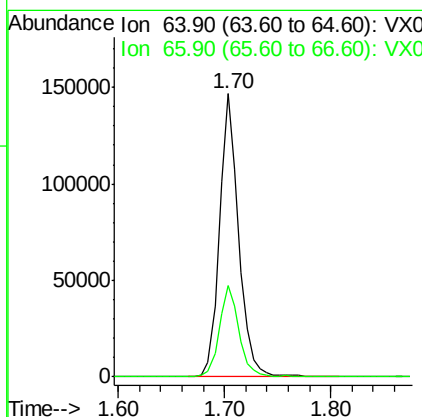
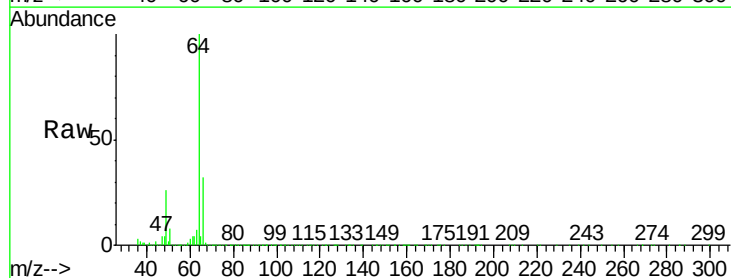
Acq: 03 Aug 2020 12:54

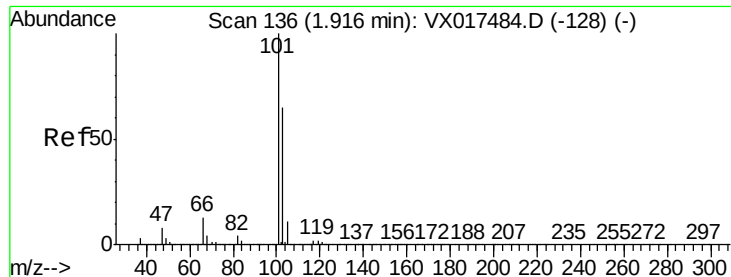
Tgt Ion: 64 Resp: 182857

Ion Ratio Lower Upper

64 100

66 32.1 24.9 37.3





#7

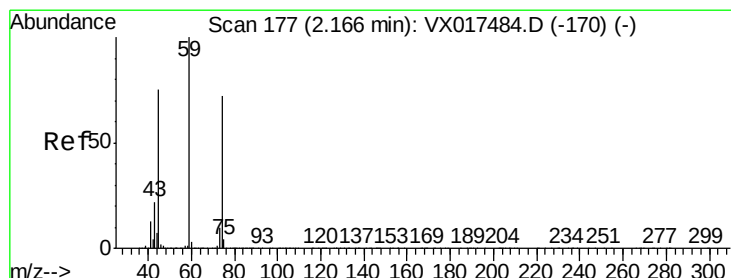
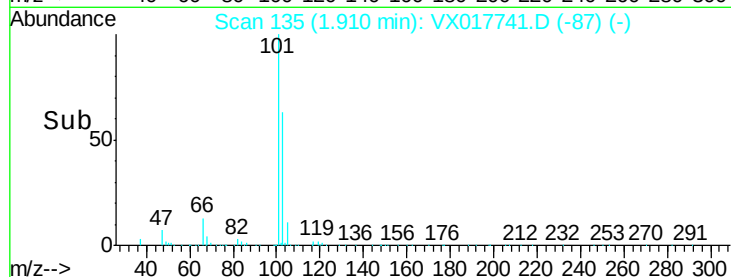
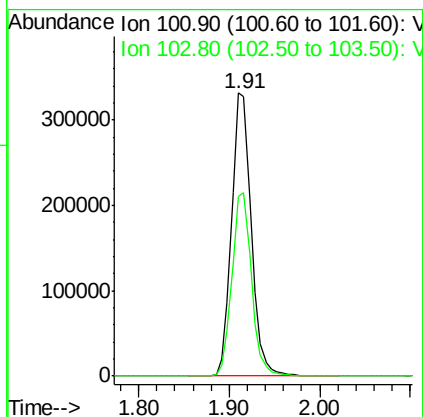
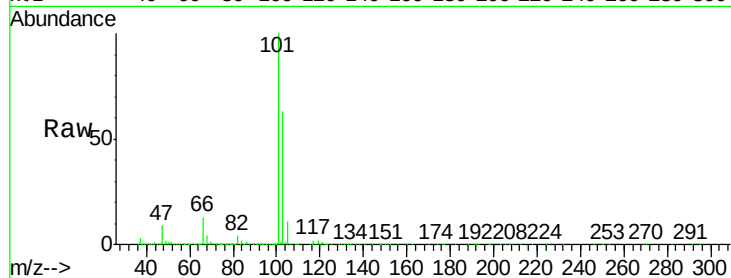
Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.8	77.8

Manual Integrations
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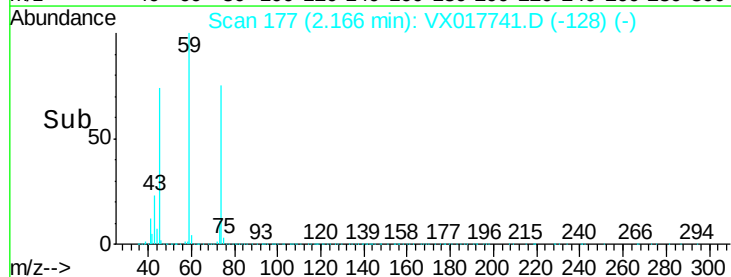
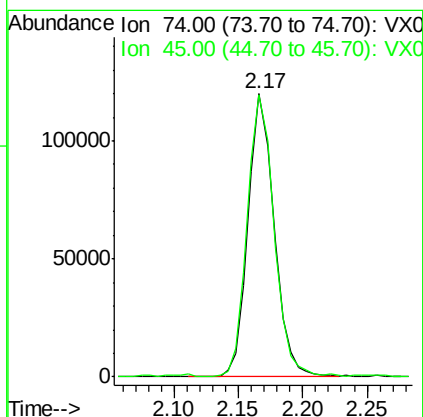
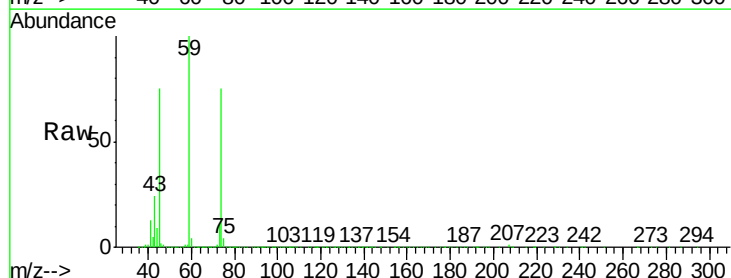
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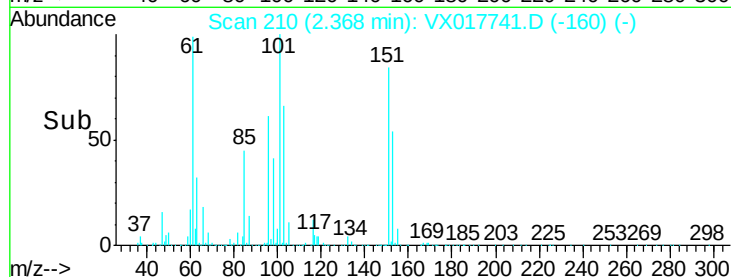
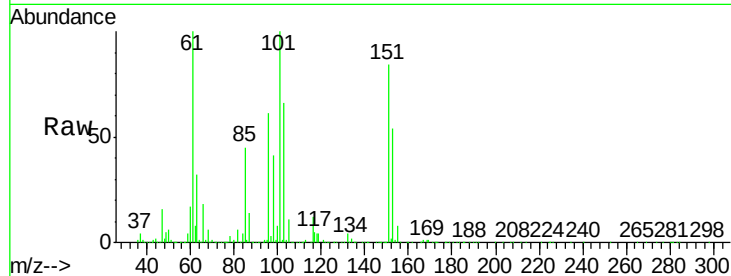
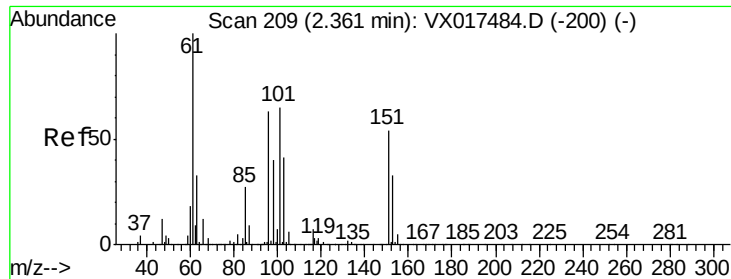


#8

Diethyl Ether
Concen: 52.044 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.8	152.5





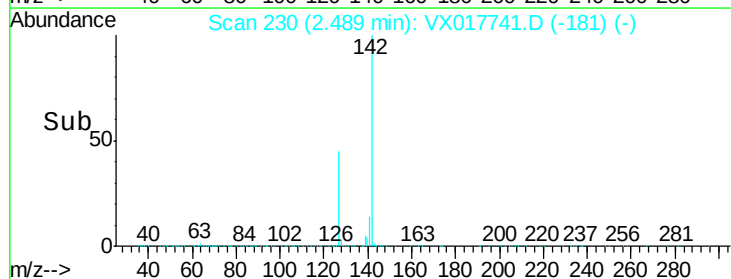
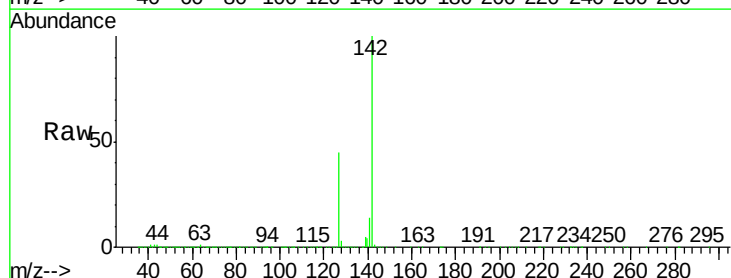
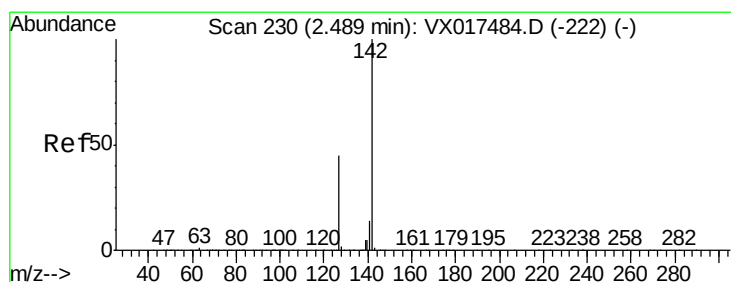
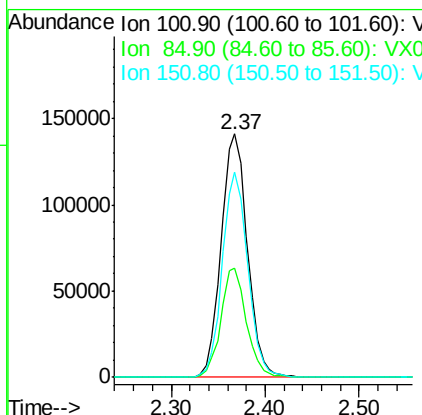
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.044 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tot Ion	Ratio	Resp	Lower	Upper
101	100	273441		
85	43.7	34.8	52.2	
151	81.6	68.0	102.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

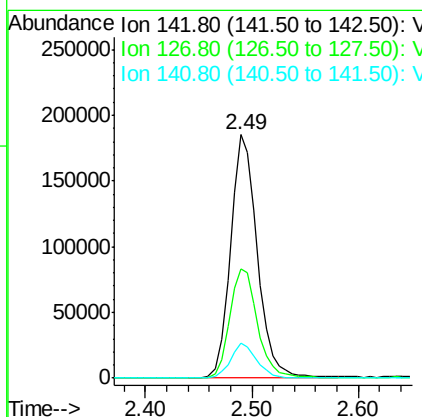
Manual Integrations
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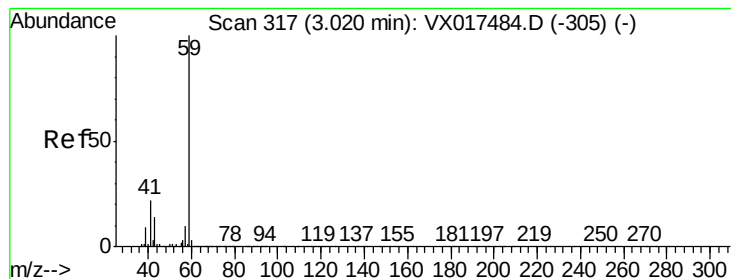
MMDadoda
8/4/2020 9:51:04 AM



#10
Methyl Iodide
Concen: 46.771 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	326943		
127	46.7	35.9	53.9	
141	14.3	11.4	17.0	





#11

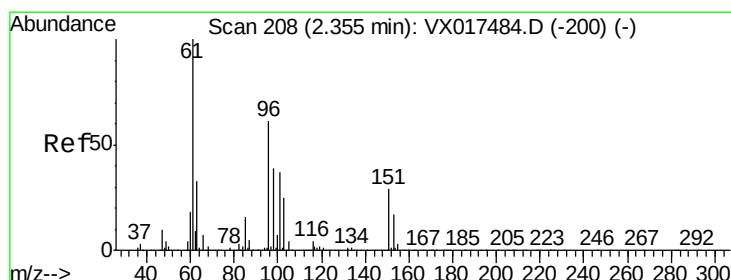
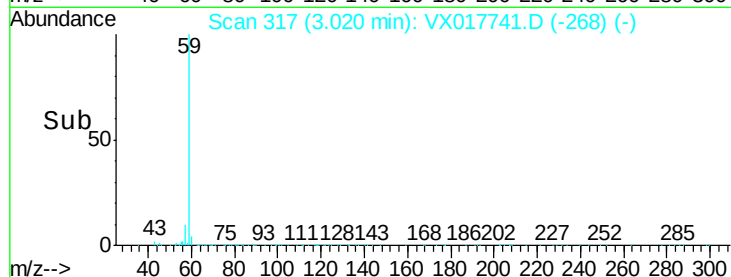
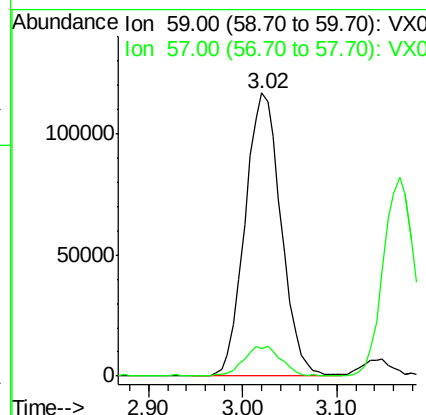
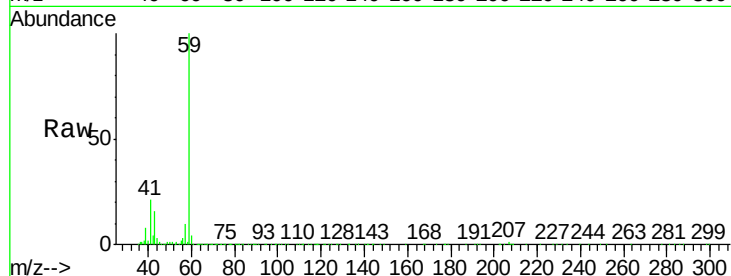
Tert butyl alcohol
Concen: 229.227 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

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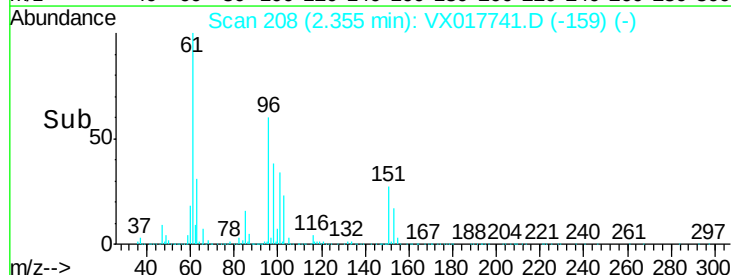
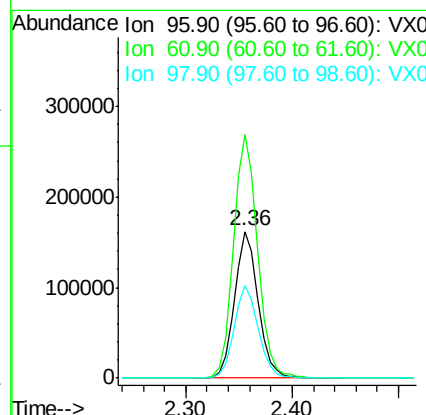
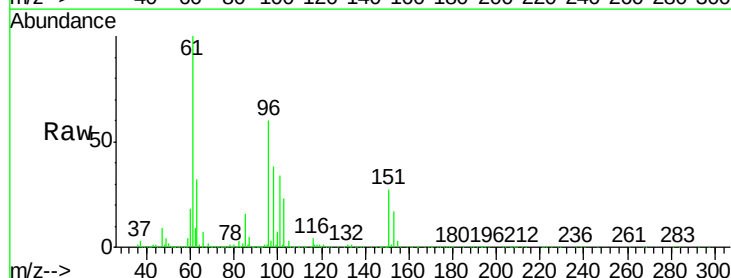
MMDadoda
8/4/2020 9:51:04 AM

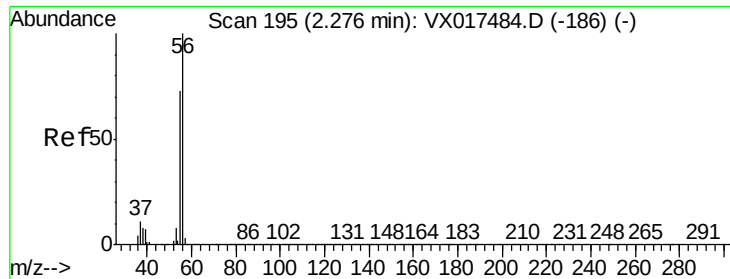


#12

1,1-Dichloroethene
Concen: 48.581 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.3	134.0	201.0
98	63.2	51.0	76.4





#13

Acrolein

Concen: 308.987 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 322321

Ion Ratio Lower Upper

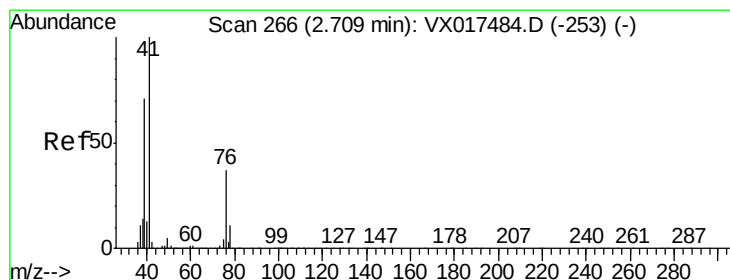
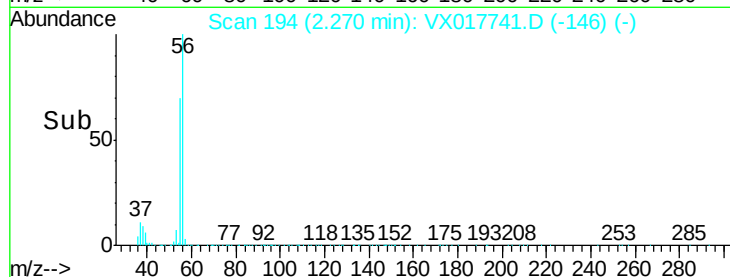
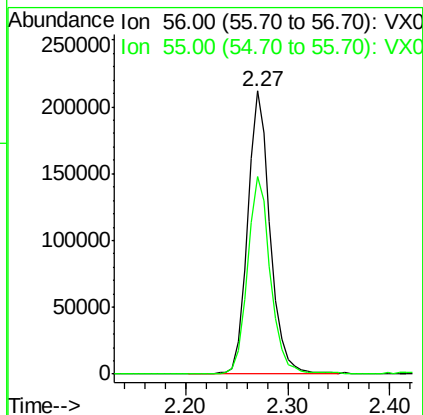
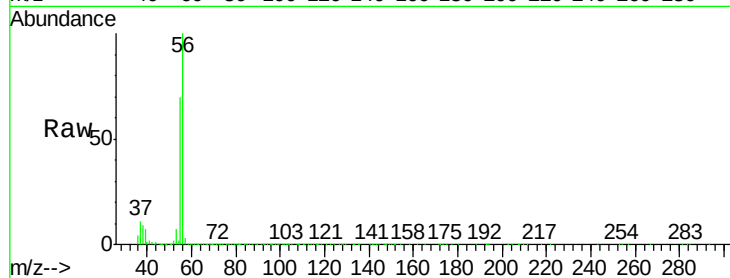
56 100

55 71.5 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 50.716 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

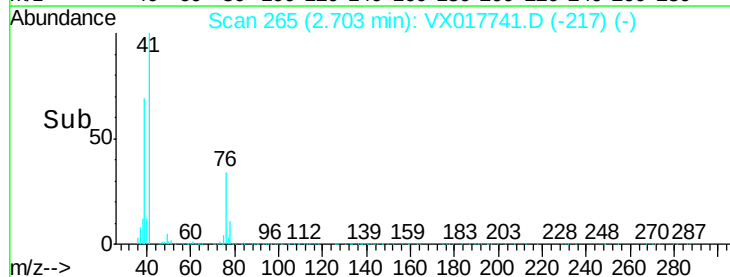
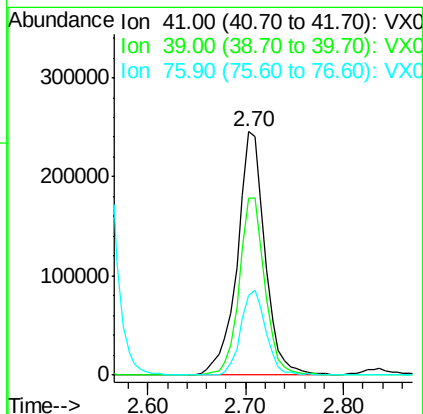
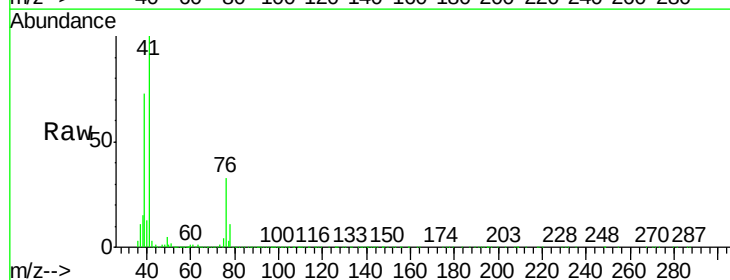
Tgt Ion: 41 Resp: 481179

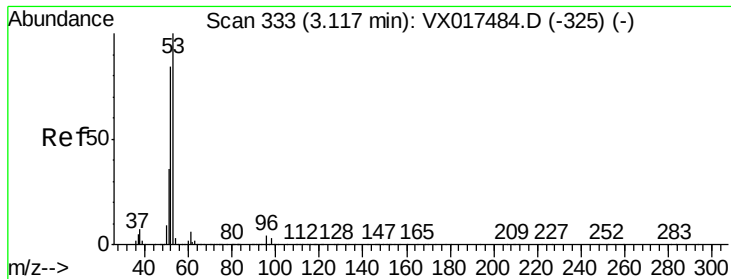
Ion Ratio Lower Upper

41 100

39 67.0 51.9 77.9

76 31.2 25.5 38.3





#15

Acrylonitrile

Concen: 248.347 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

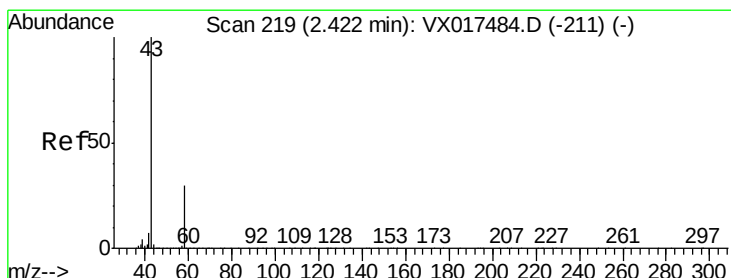
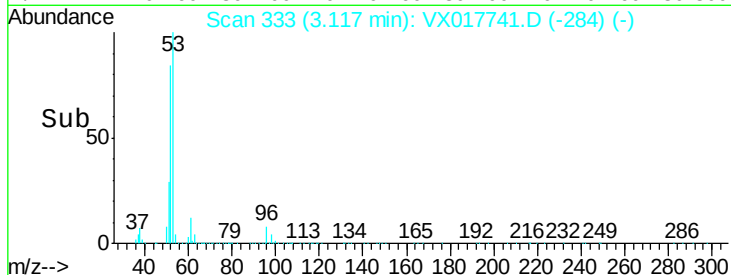
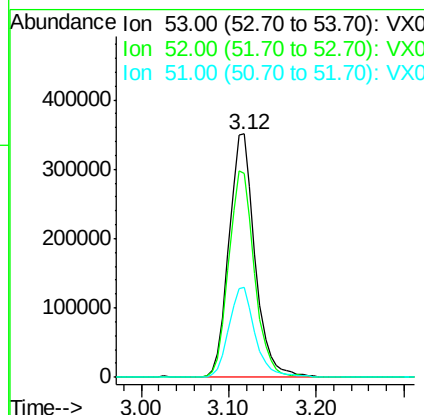
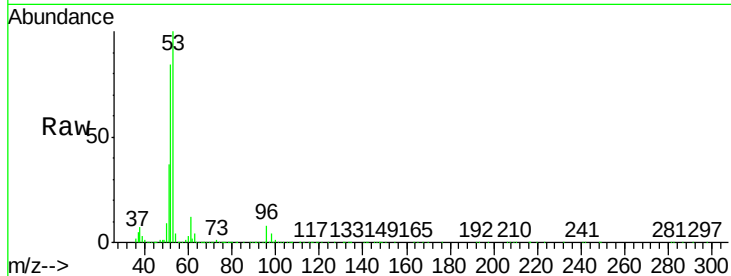
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	730531
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	99.8
51	37.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 223.706 ug/l

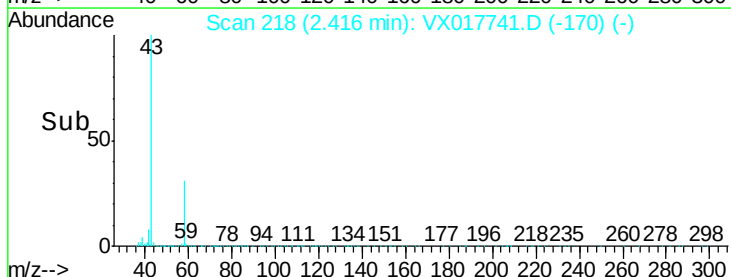
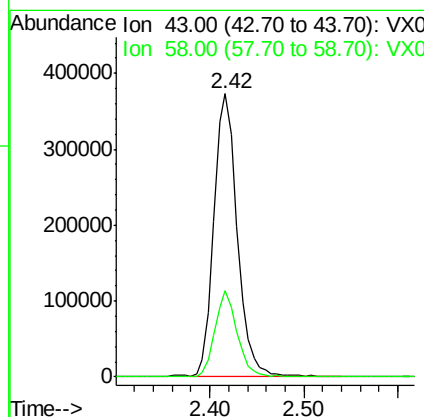
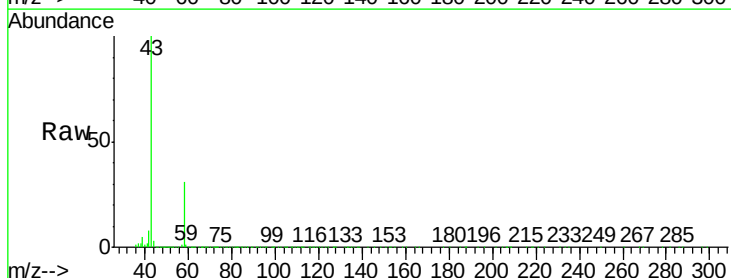
RT: 2.42 min Scan# 218

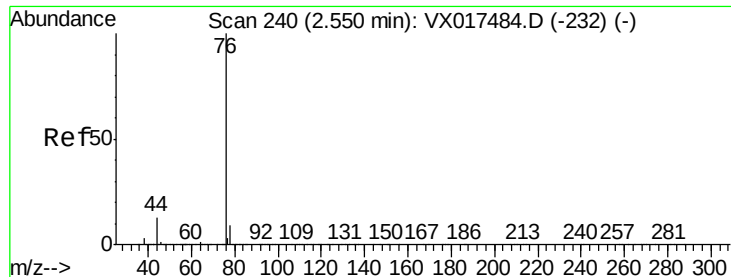
Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	43	Resp:	636250
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.2	36.4





#17

Carbon Disulfide

Concen: 43.129 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 681154

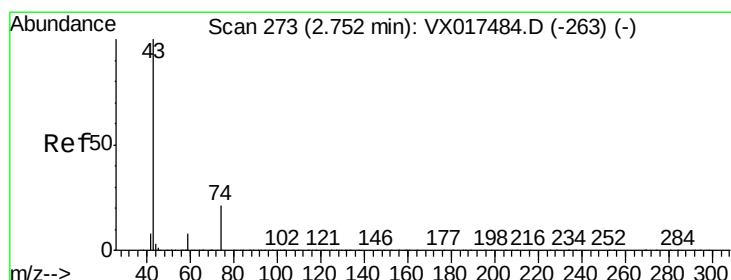
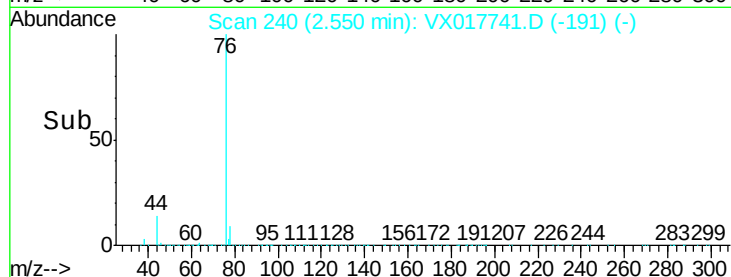
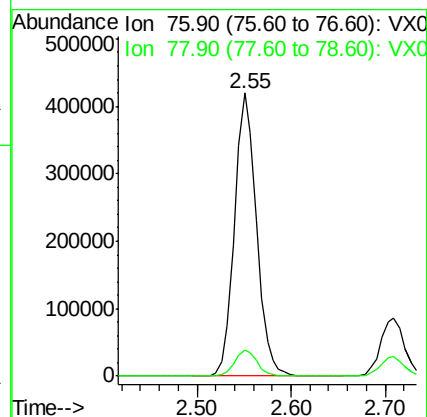
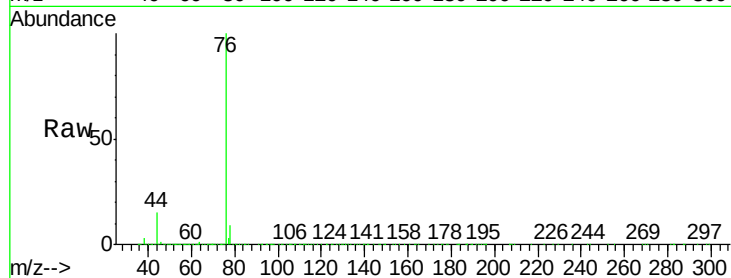
Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

Manual Integrations
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#18

Methyl Acetate

Concen: 53.862 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017741.D

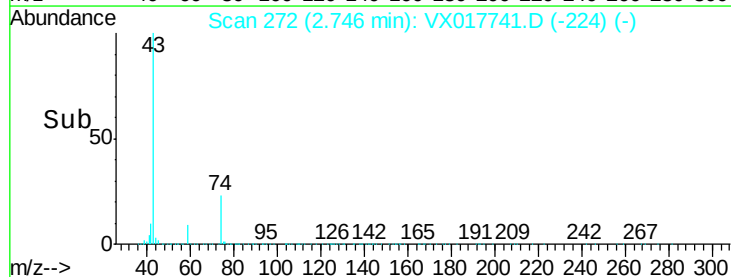
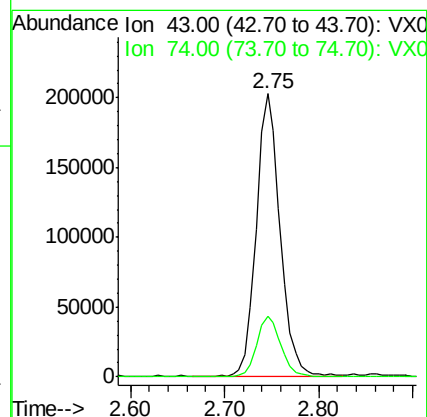
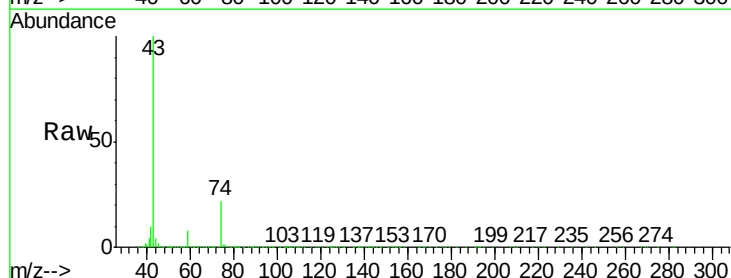
Acq: 03 Aug 2020 12:54

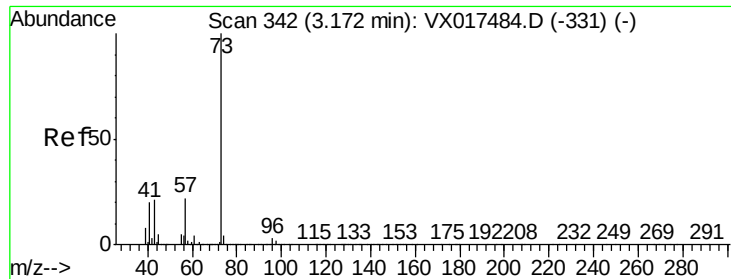
Tgt Ion: 43 Resp: 360784

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3





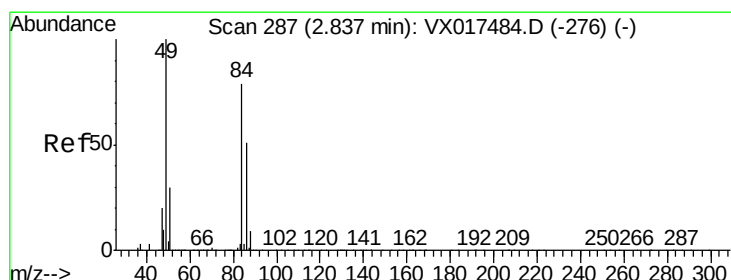
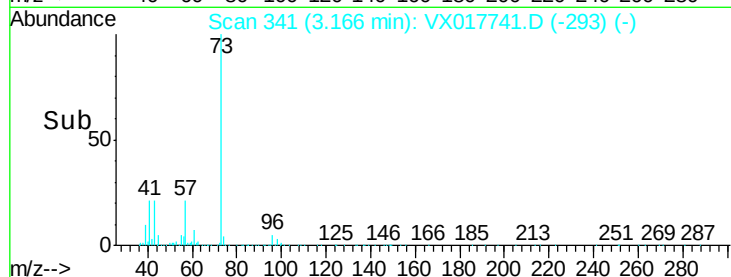
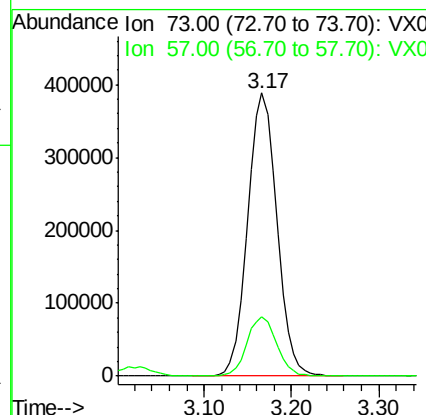
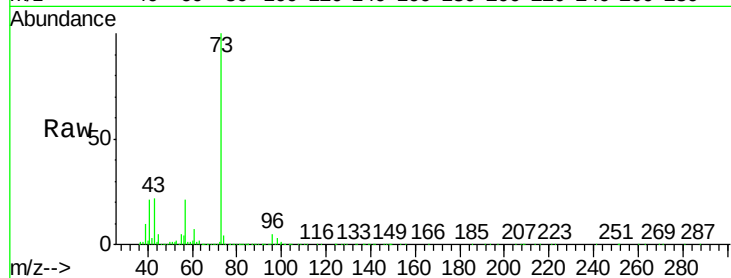
#19
Methyl tert-butyl Ether
Concen: 50.103 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.0	25.4

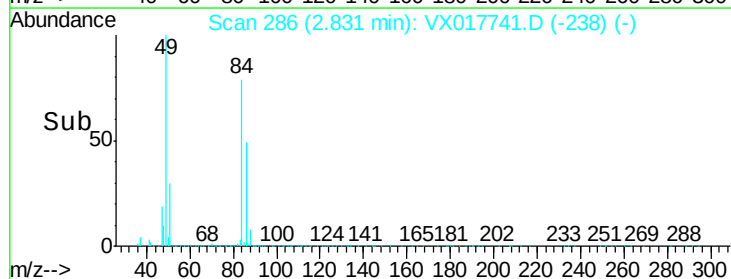
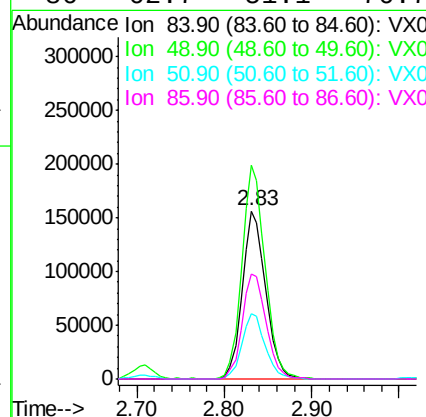
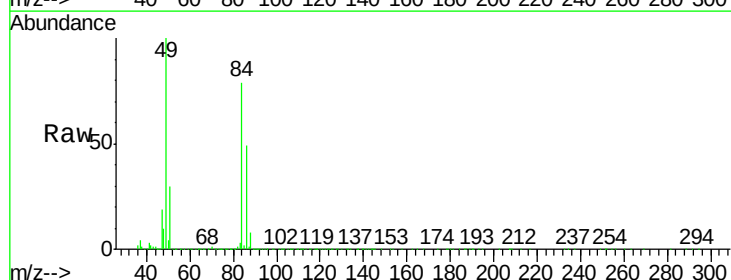
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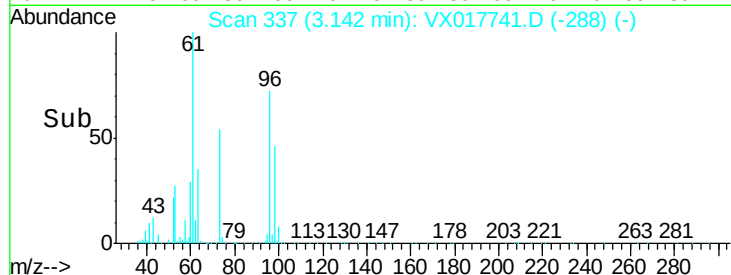
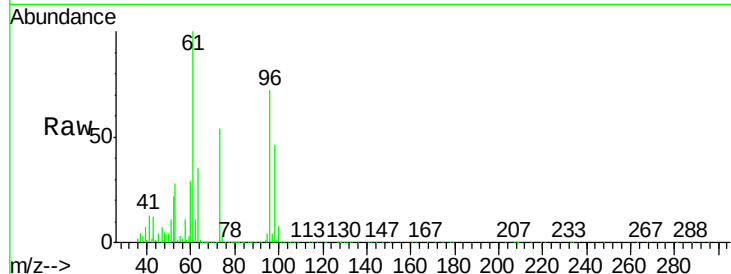
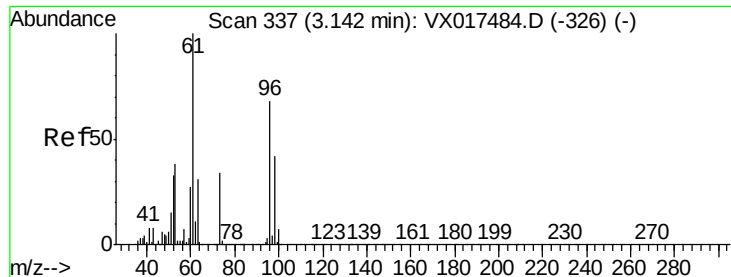
MMDadoda
8/4/2020 9:51:04 AM



#20
Methylene Chloride
Concen: 54.434 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	100.3	150.5
51	38.4	30.5	45.7
86	62.7	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 49.574 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017741.D

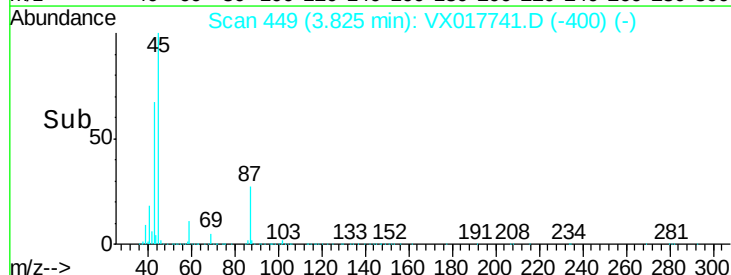
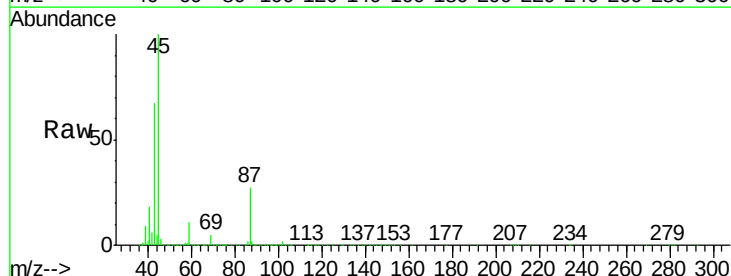
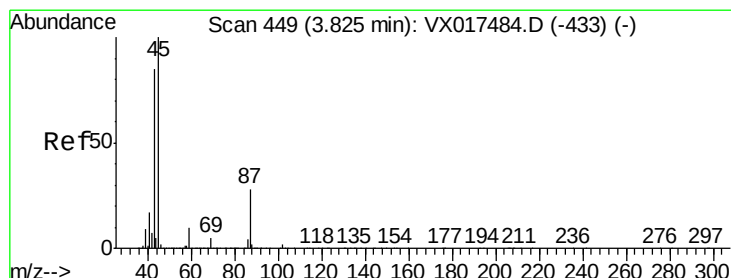
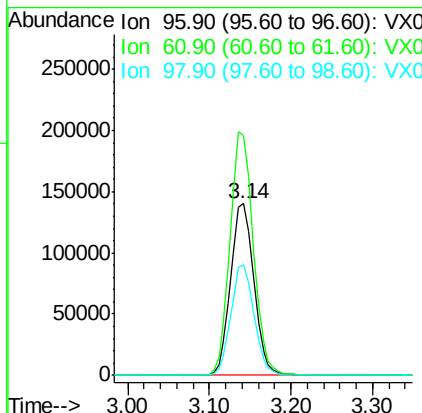
Acq: 03 Aug 2020 12:54

Tot Ion:	96	Resp:	275949
Ion	Ratio	Lower	Upper
96	100		
61	139.3	113.0	169.4
98	64.3	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 50.901 ug/l

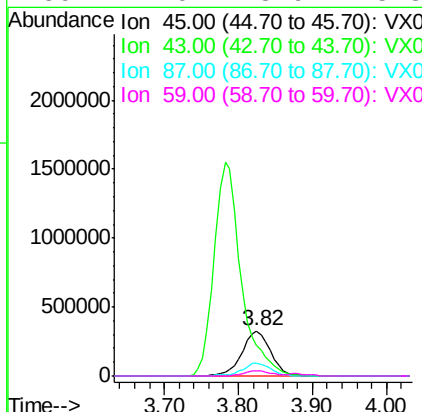
RT: 3.82 min Scan# 449

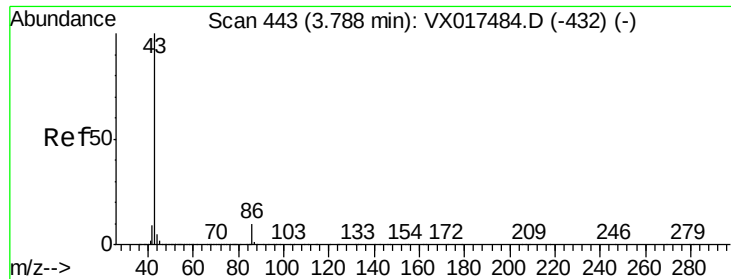
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	45	Resp:	883027
Ion	Ratio	Lower	Upper
45	100		
43	66.0	52.0	78.0
87	27.1	22.2	33.4
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 253.386 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tot Ion: 43 Resp: 3919362

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4

Instrument :

MSVOA_X

ClientSampleId :

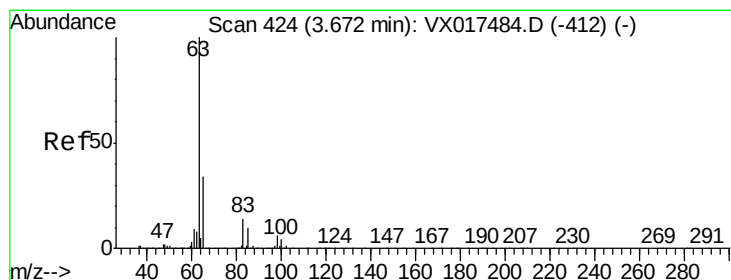
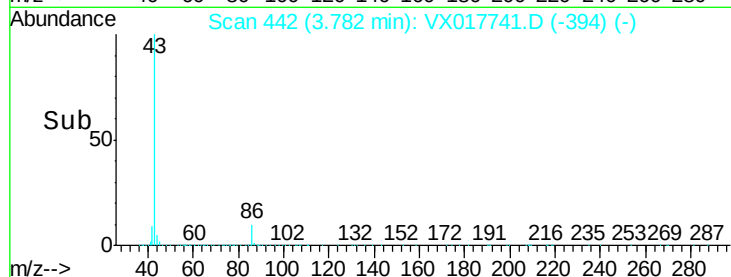
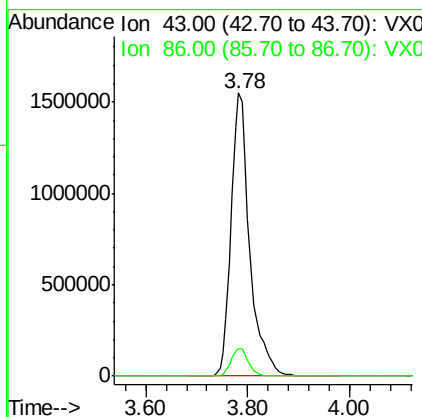
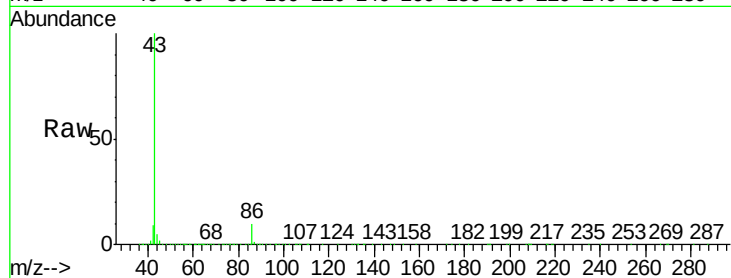
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.334 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

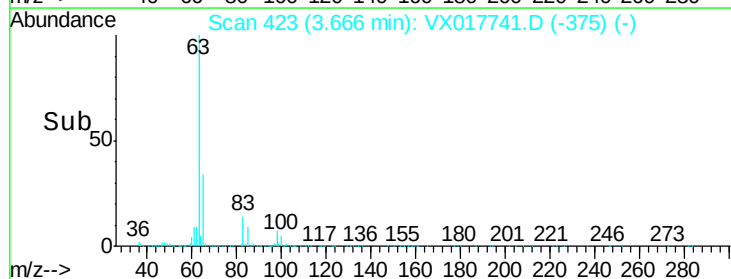
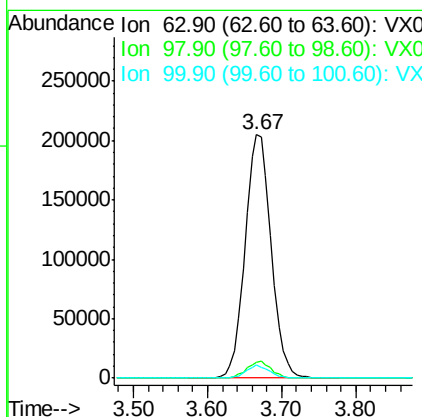
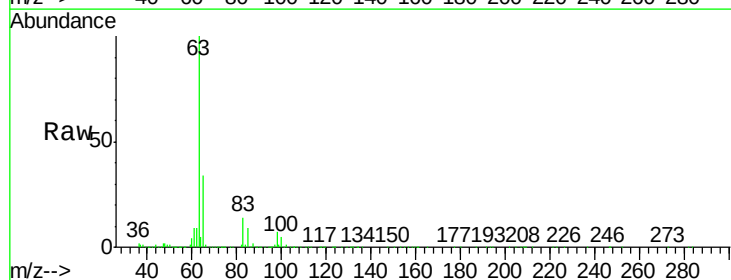
Tgt Ion: 63 Resp: 503008

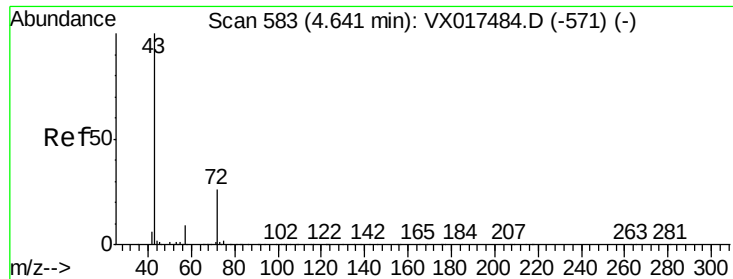
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 5.5 1.9 5.7





#25

2-Butanone

Concen: 224.495 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 907049

Ion Ratio Lower Upper

43 100

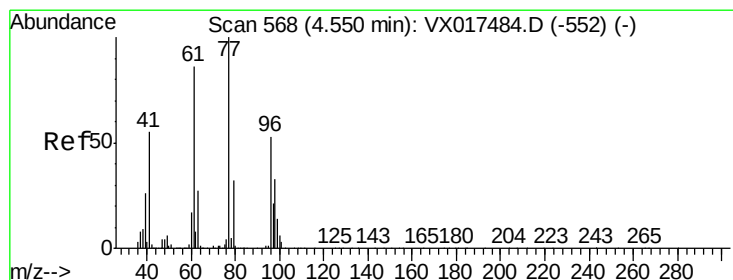
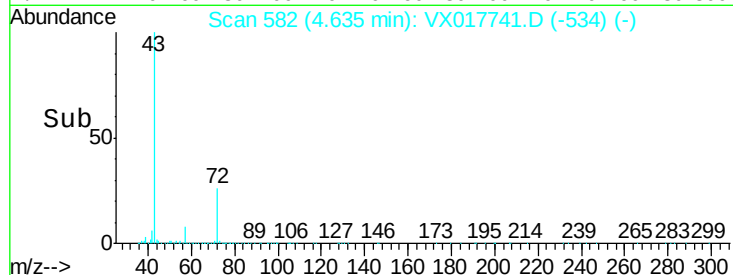
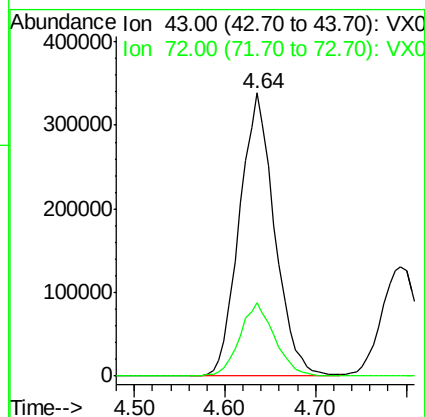
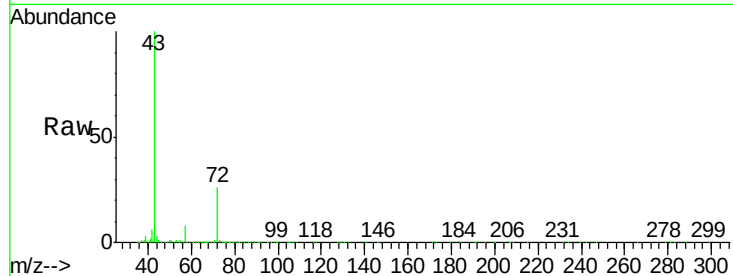
72 25.7 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 51.723 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017741.D

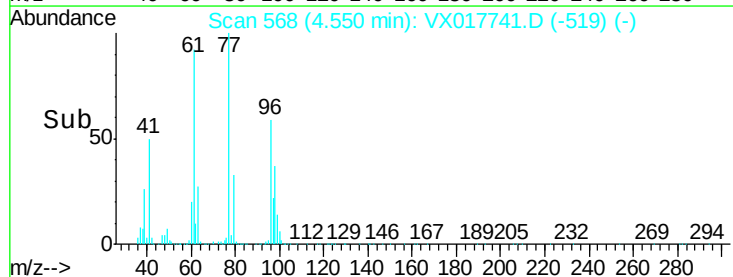
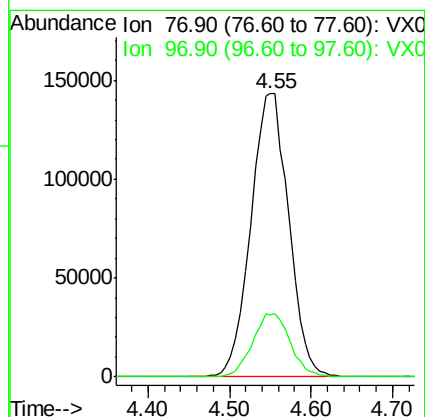
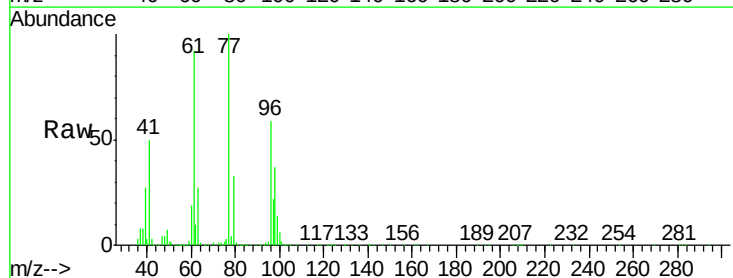
Acq: 03 Aug 2020 12:54

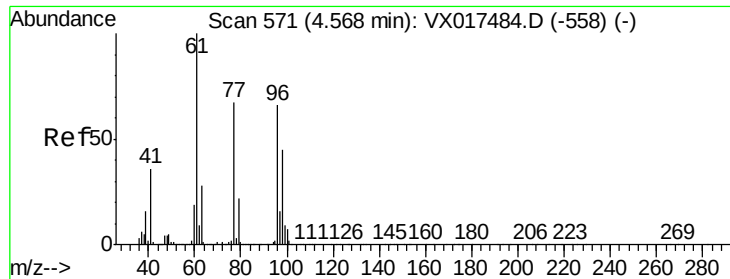
Tgt Ion: 77 Resp: 462689

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

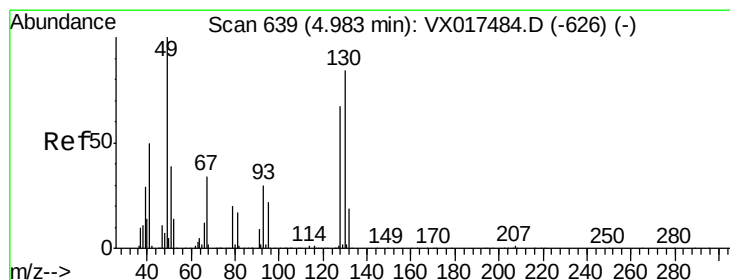
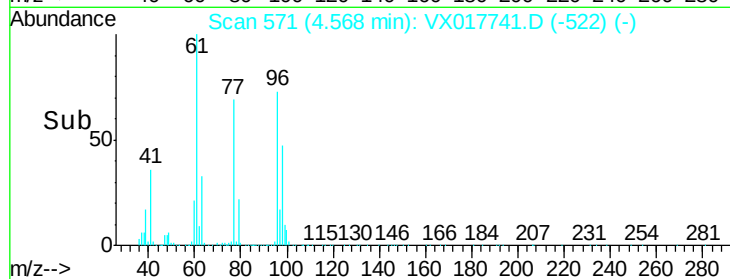
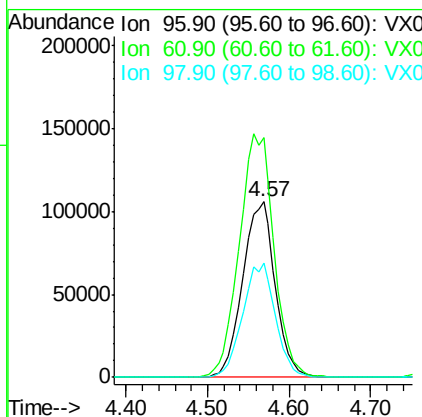
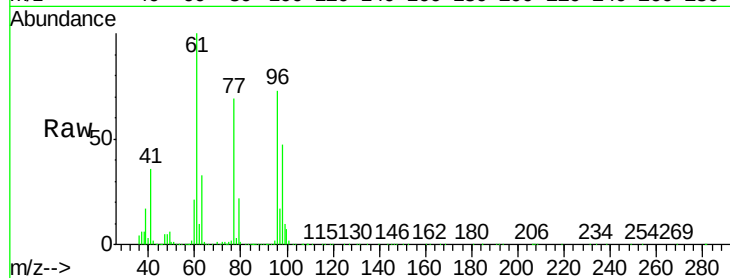
cis-1,2-Dichloroethene
Concen: 48.751 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	294747		
61	147.9	0.0	301.2	
98	65.4	0.0	130.0	

Manual Integrations
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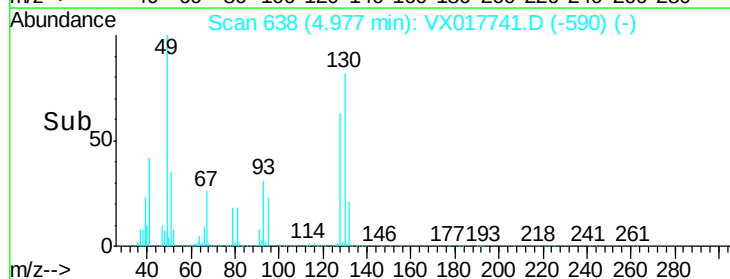
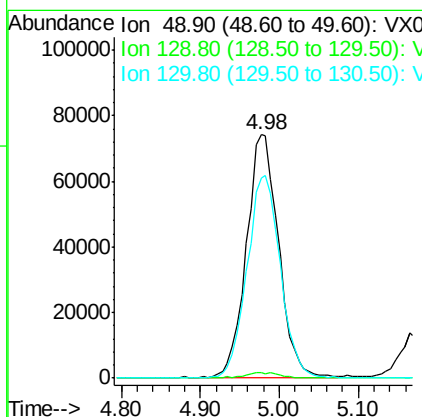
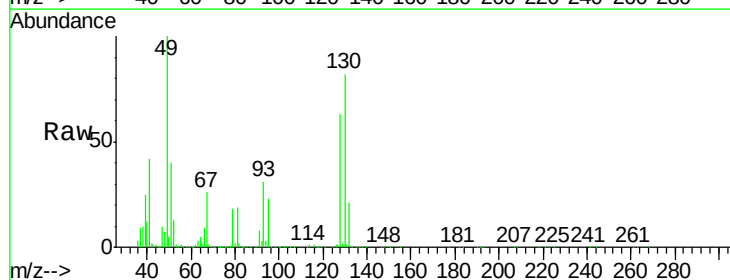
MMDadoda
8/4/2020 9:51:04 AM

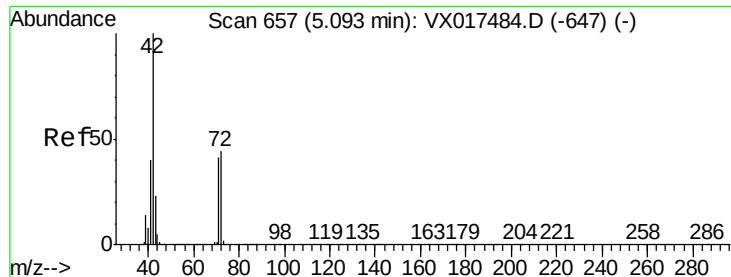


#28

Bromochloromethane
Concen: 46.608 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	211070		
129	2.5	0.0	4.6	
130	86.1	66.7	100.1	





#29

Tetrahydrofuran

Concen: 234.173 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

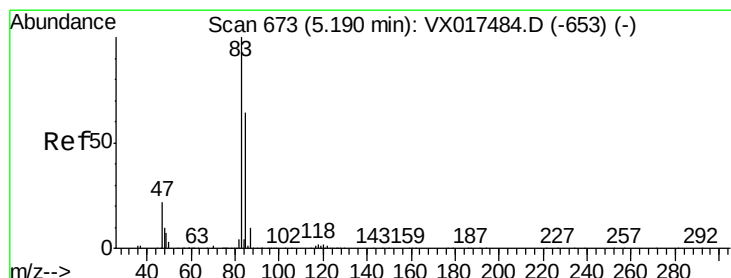
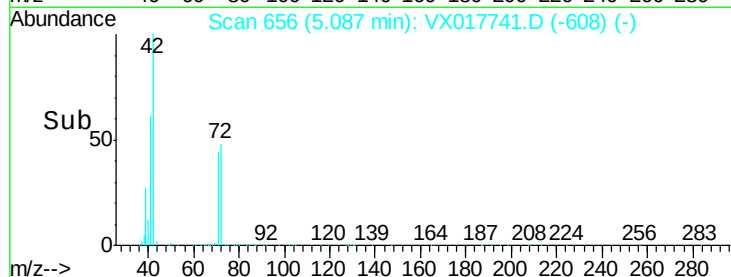
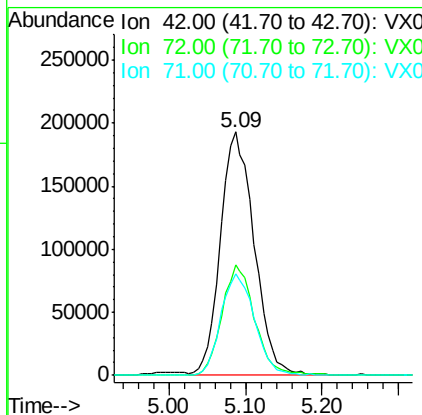
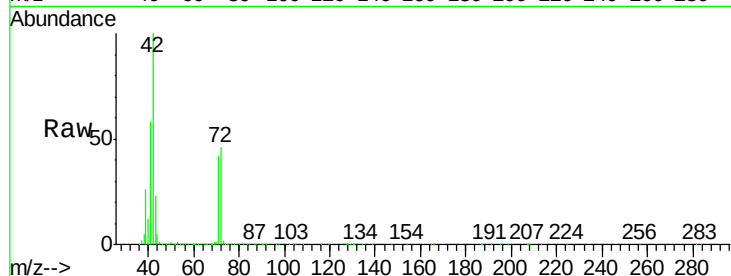
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	586069
Ion Ratio		Lower	Upper
42	100		
72	44.6	35.5	53.3
71	41.6	33.0	49.4

Manual Integrations
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8/4/2020 9:51:04 AM



#30

Chloroform

Concen: 49.490 ug/l

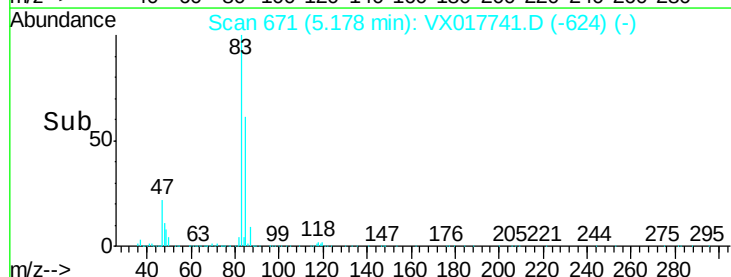
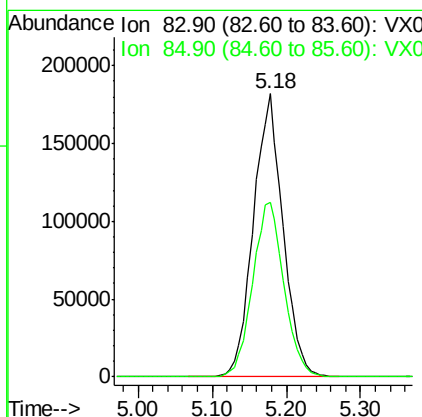
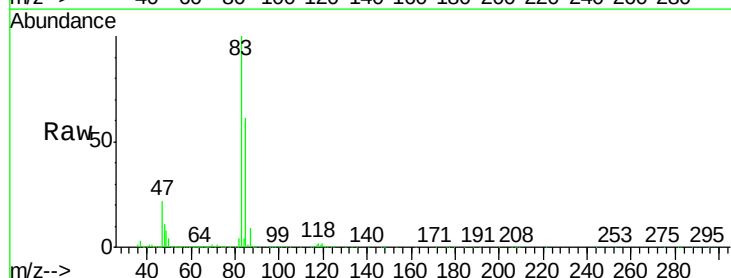
RT: 5.18 min Scan# 671

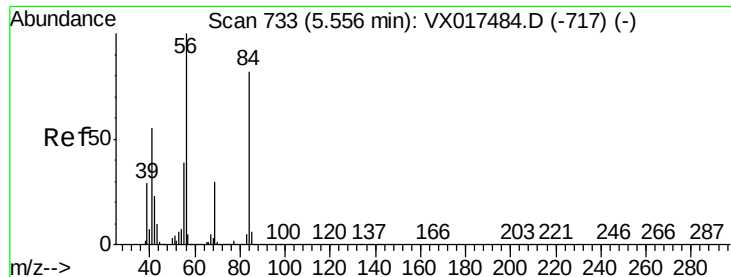
Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	83	Resp:	505349
Ion Ratio		Lower	Upper
83	100		
85	61.5	51.4	77.2





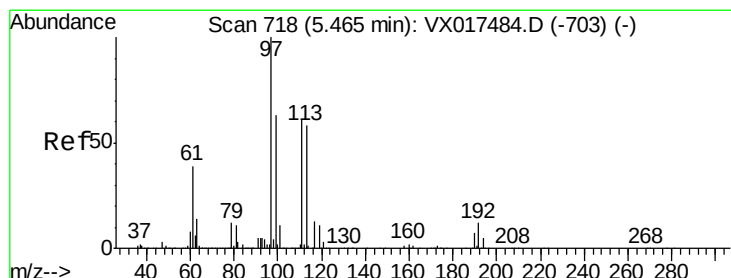
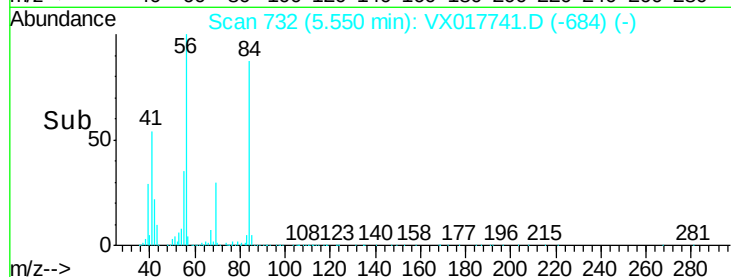
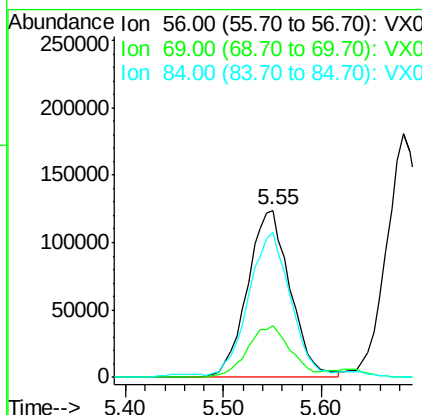
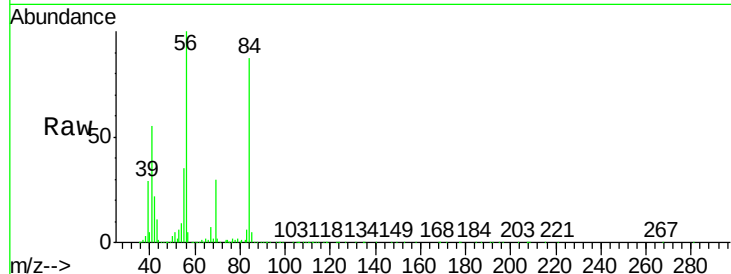
#31
Cyclohexane
Concen: 47.123 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.2	36.4
84	85.1	69.0	103.6

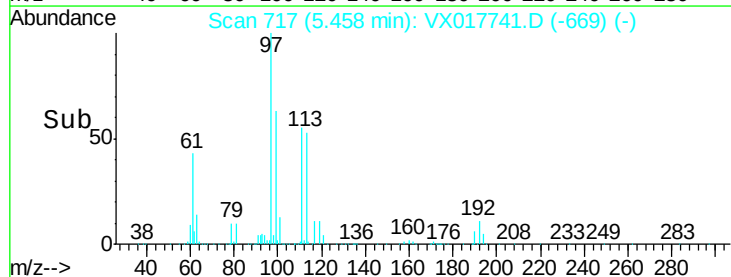
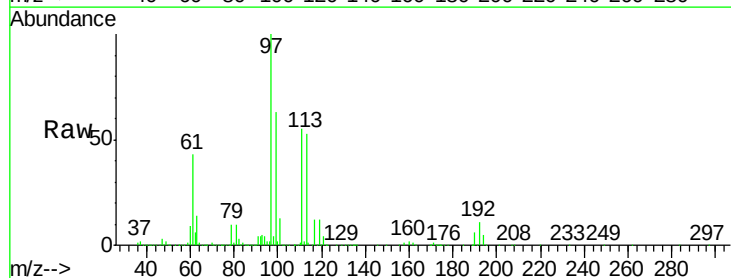
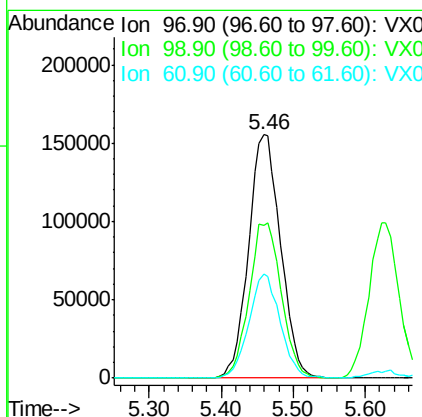
Manual Integrations
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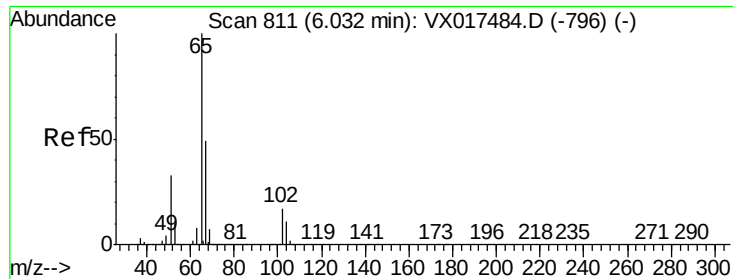
MMDadoda
8/4/2020 9:51:04 AM



#32
1,1,1-Trichloroethane
Concen: 49.860 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	41.3	34.1	51.1





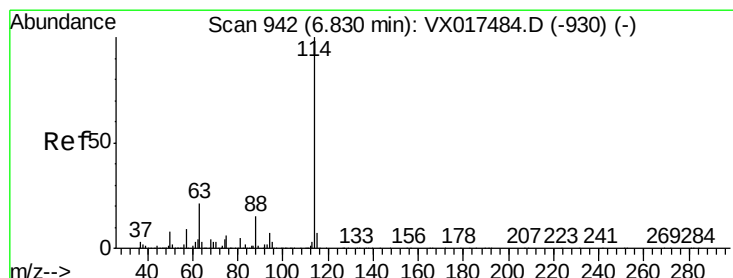
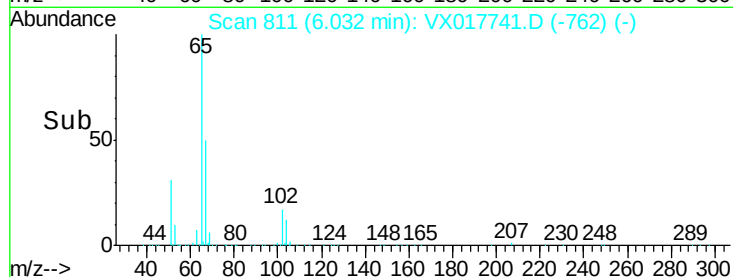
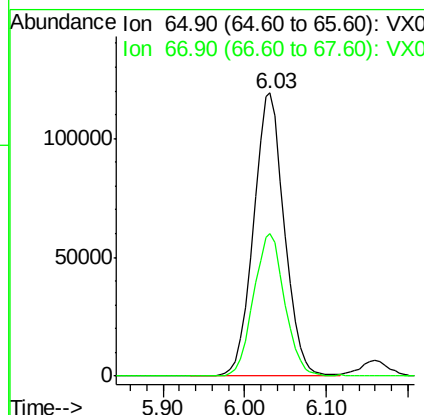
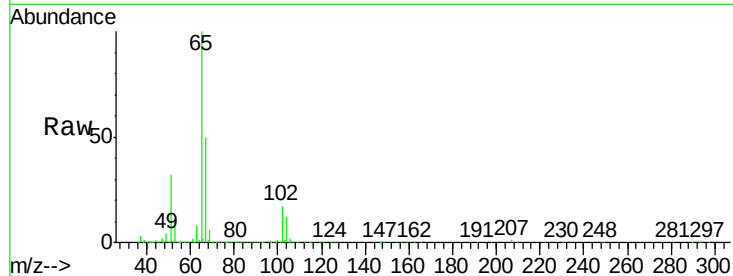
#33
 1,2-Dichloroethane-d4
 Concen: 48.604 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	314079		
67	50.9	0.0	102.8	

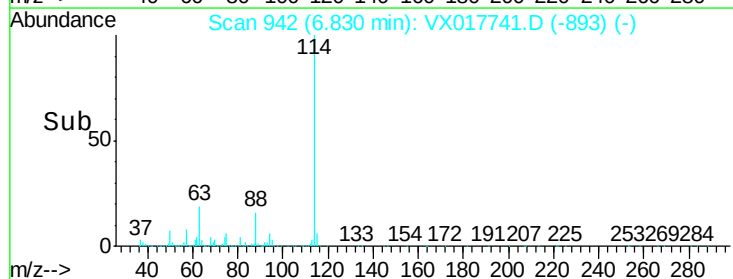
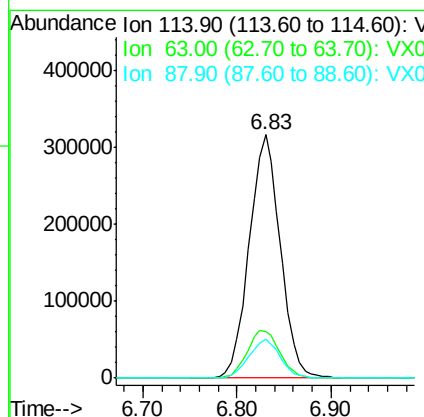
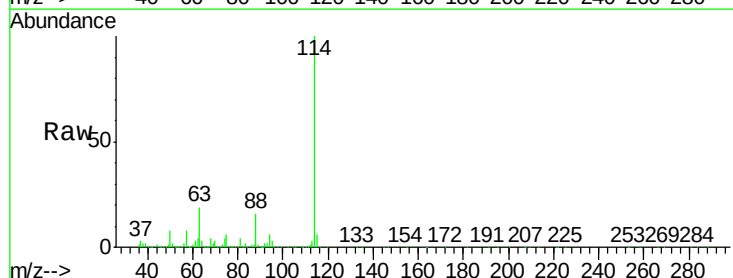
Manual Integrations
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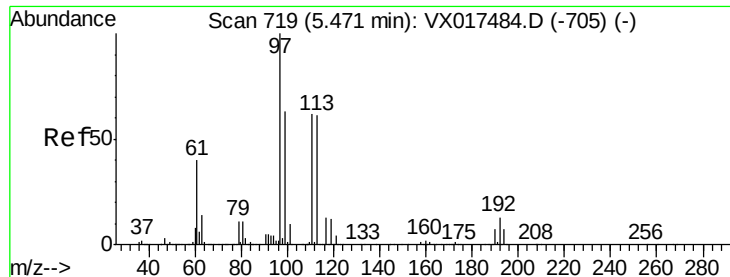
MMDadoda
 8/4/2020 9:51:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	731892		
63	19.1	0.0	40.6	
88	15.7	0.0	33.4	





#35

Dibromofluoromethane

Concen: 50.550 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

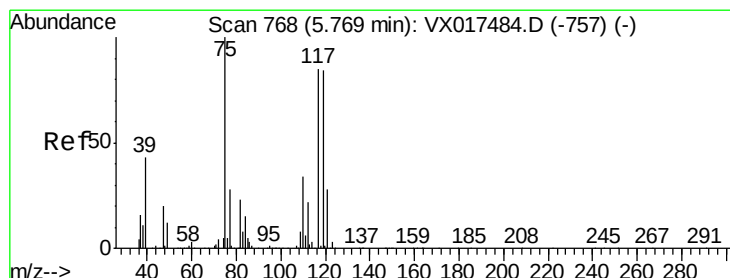
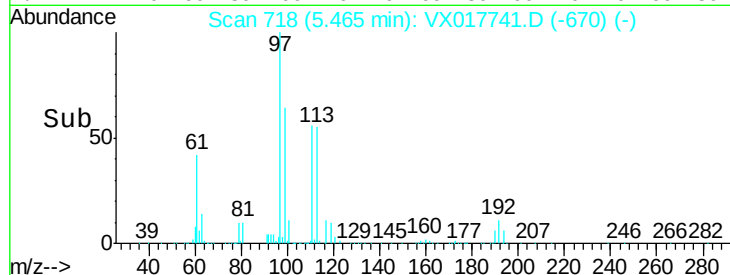
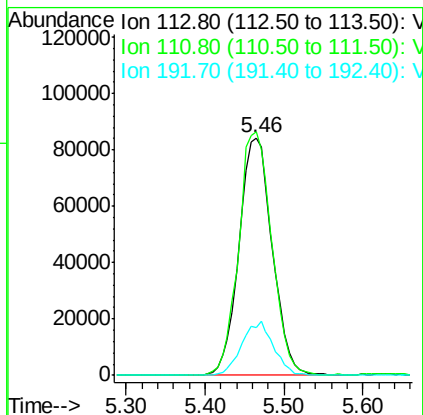
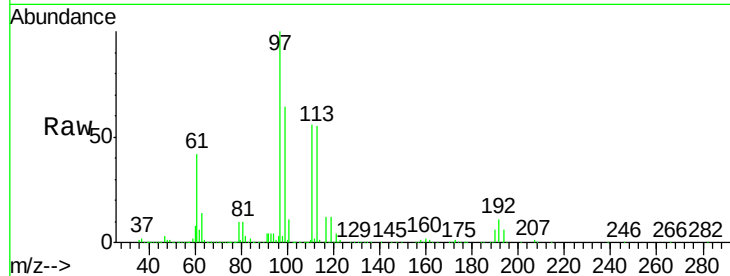
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	247440
Ion Ratio	Lower	Upper	
113	100		
111	102.2	80.7	121.1
192	21.8	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.598 ug/l

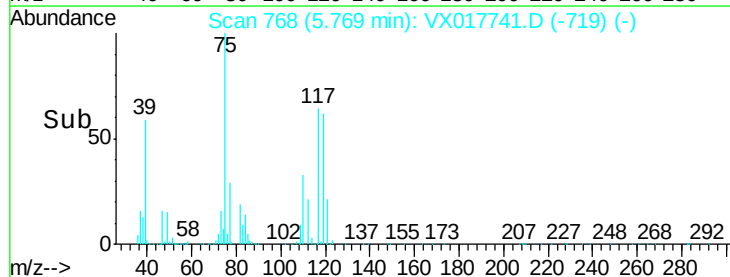
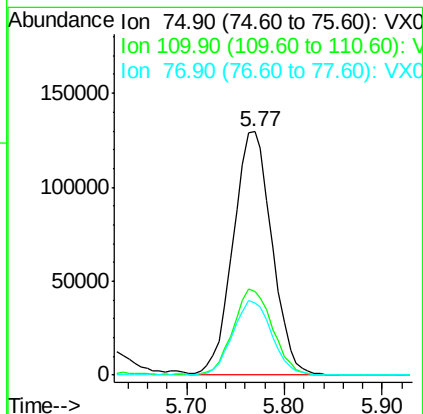
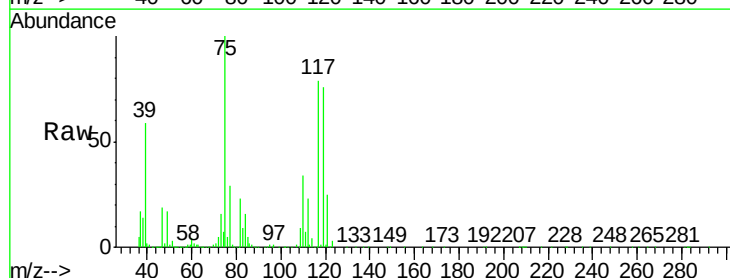
RT: 5.77 min Scan# 768

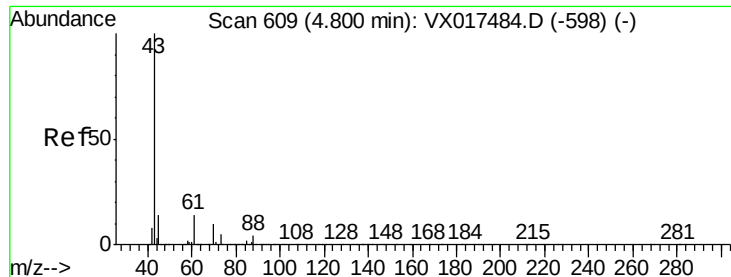
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	75	Resp:	355168
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.3
77	30.6	24.6	37.0





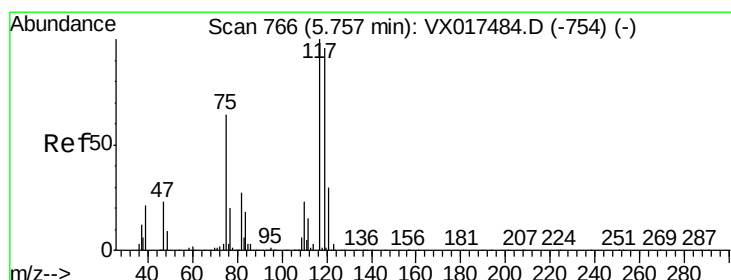
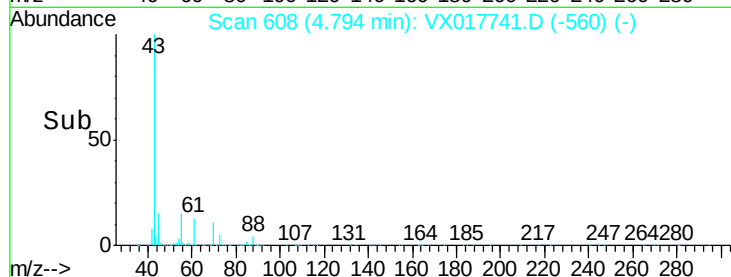
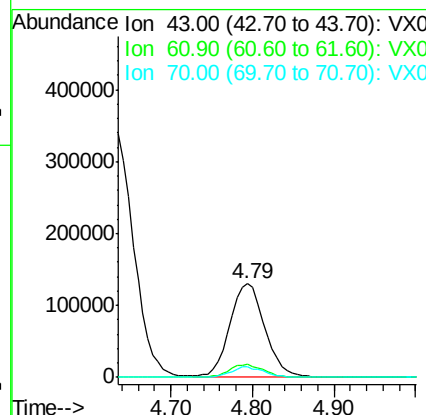
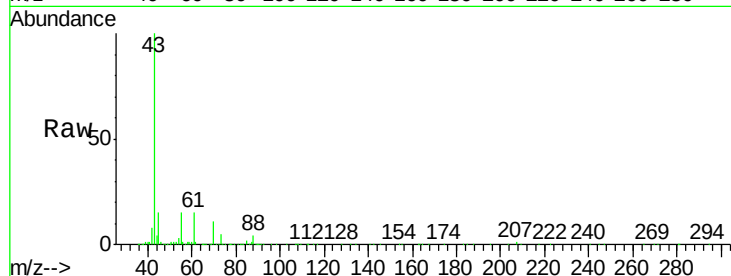
#37
Ethyl Acetate
Concen: 50.128 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.7	8.5	12.7

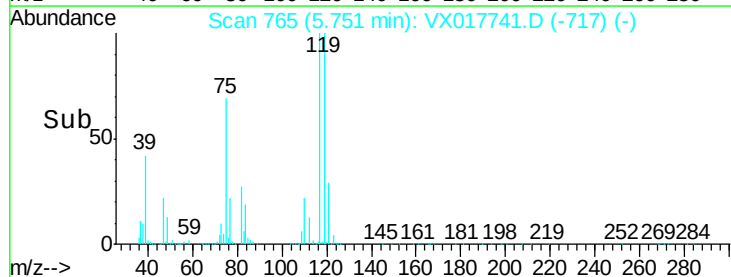
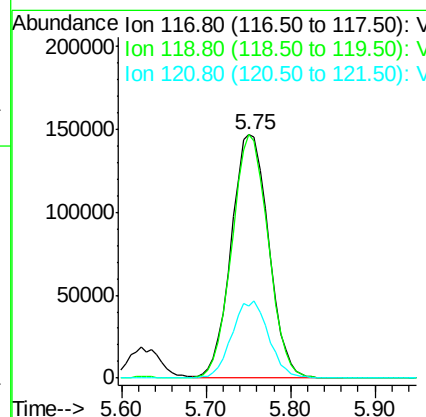
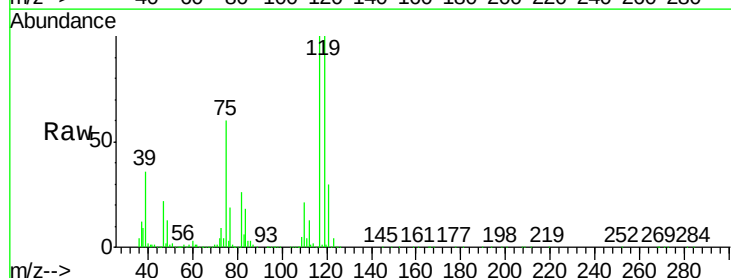
Manual Integrations
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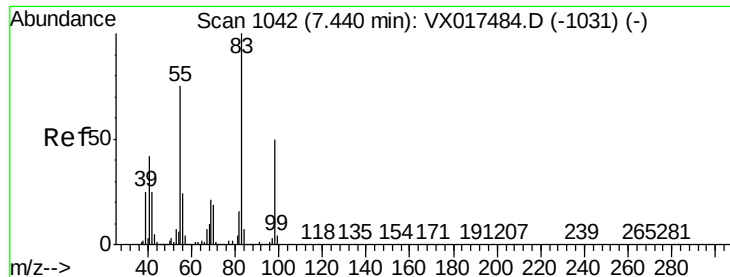
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#38
Carbon Tetrachloride
Concen: 51.784 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.4	113.0
121	29.7	24.3	36.5





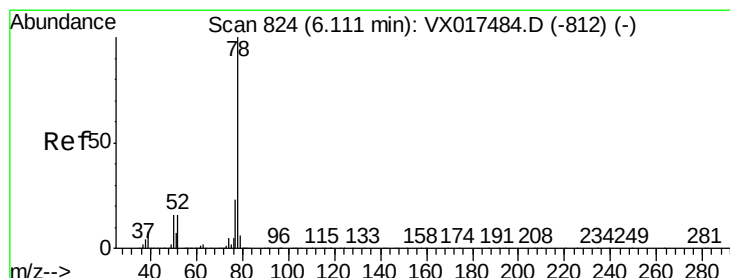
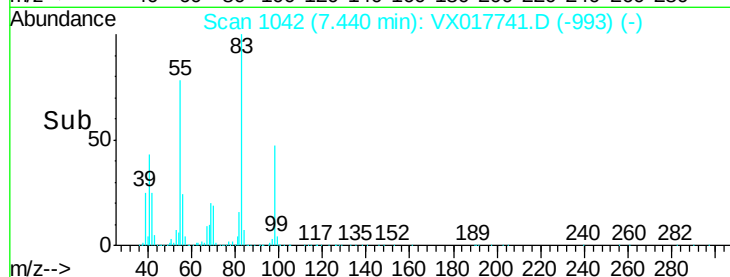
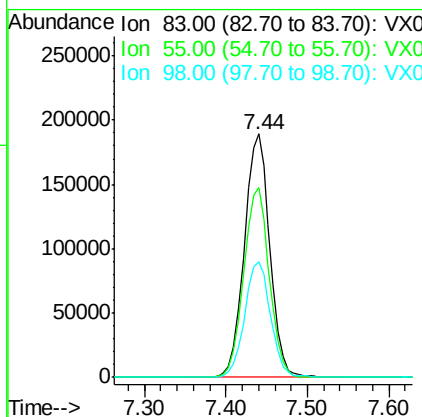
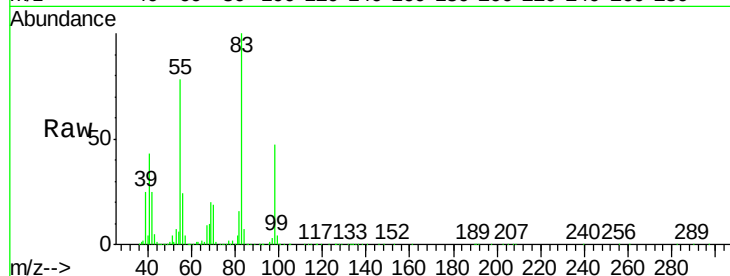
#39
Methylvlcyclohexane
Concen: 50.120 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.8	92.8
98	47.4	36.9	55.3

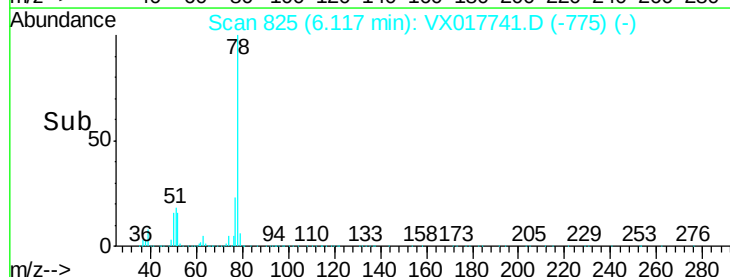
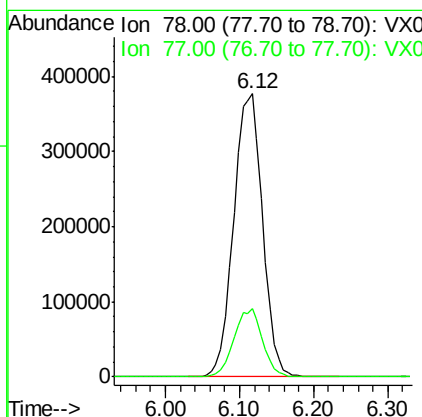
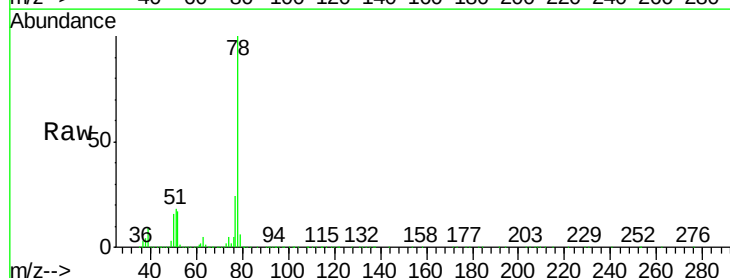
Manual Integrations
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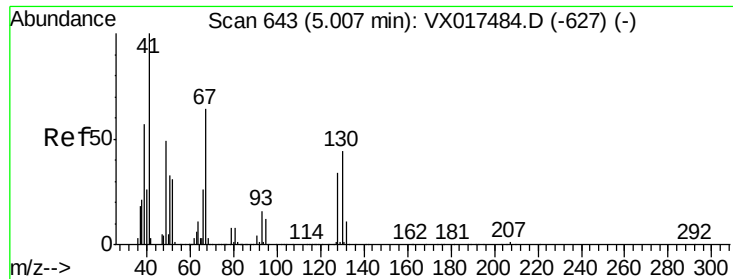
MMDadoda
8/4/2020 9:51:04 AM



#40
Benzene
Concen: 50.871 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2





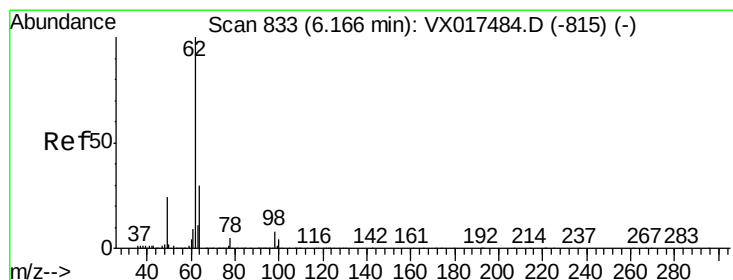
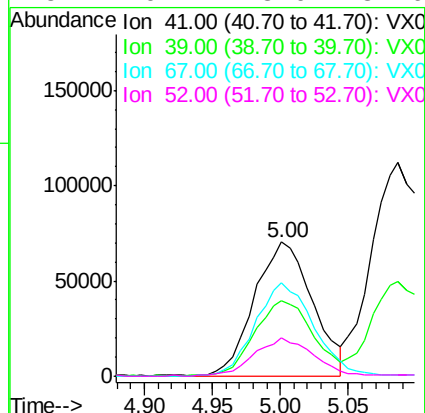
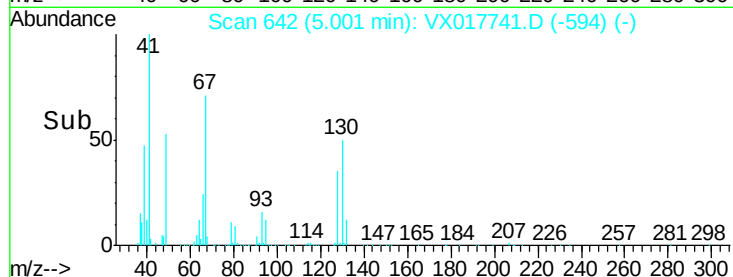
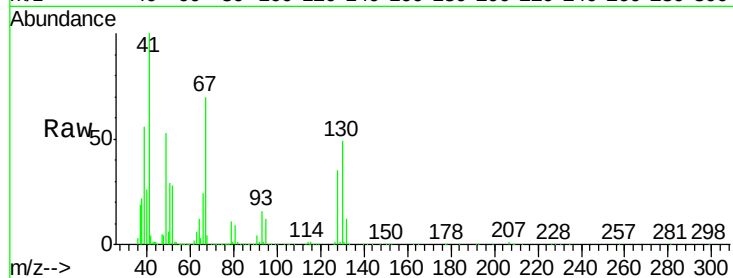
#41
Methacrylonitrile
Concen: 47.485 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	43.9	65.9	
67	70.5	54.0	81.0	
52	29.2	23.0	34.6	

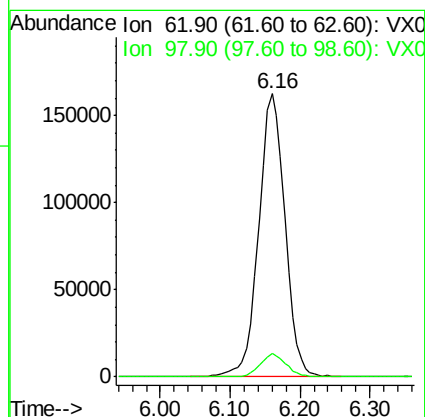
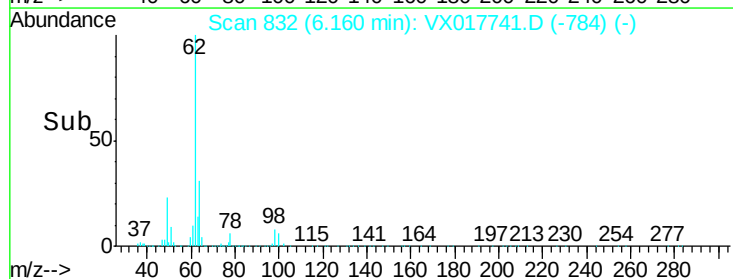
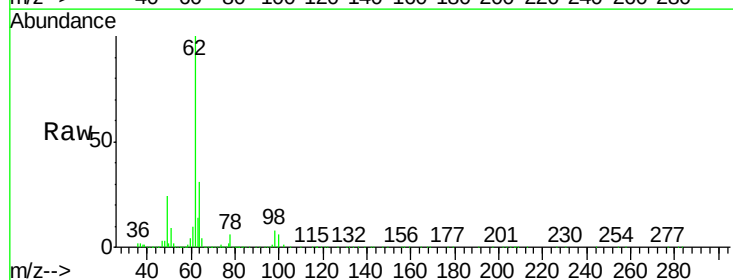
Manual Integrations
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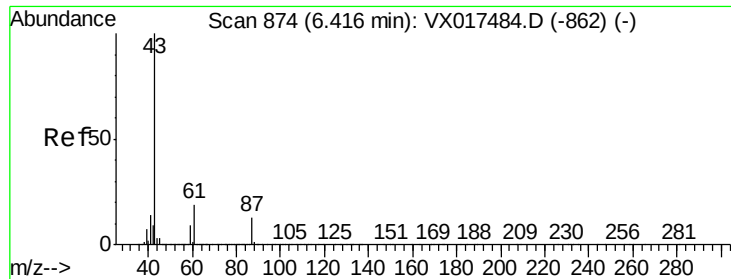
MMDadoda
8/4/2020 9:51:04 AM



#42
1,2-Dichloroethane
Concen: 51.474 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.0	





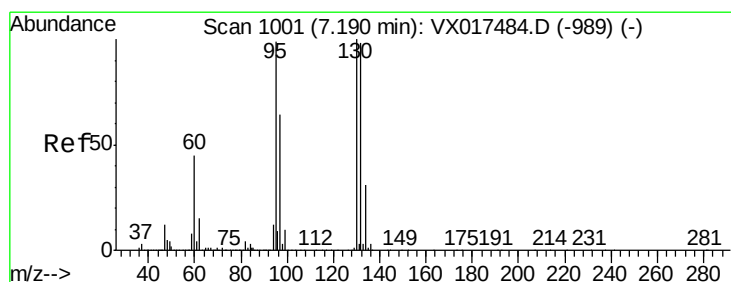
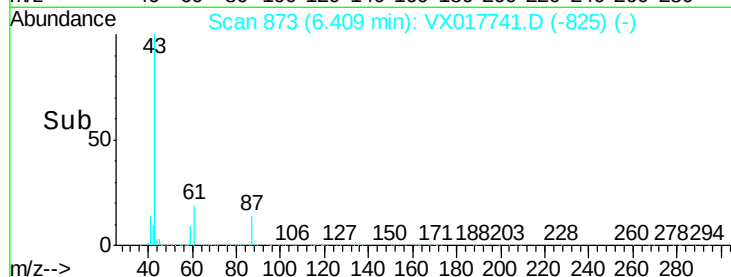
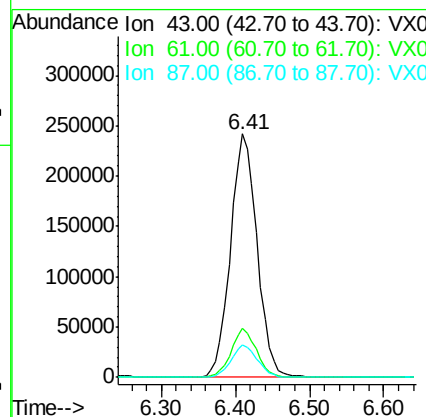
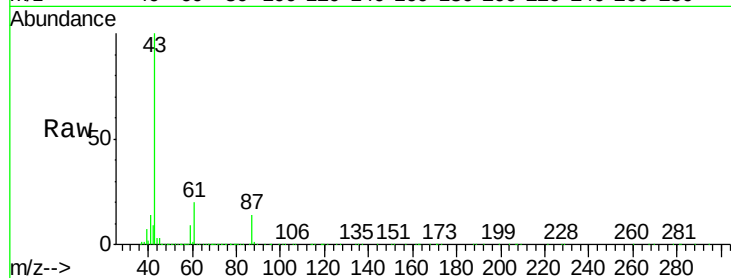
#43
Isopropyl Acetate
Concen: 47.321 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.2	10.5	15.7

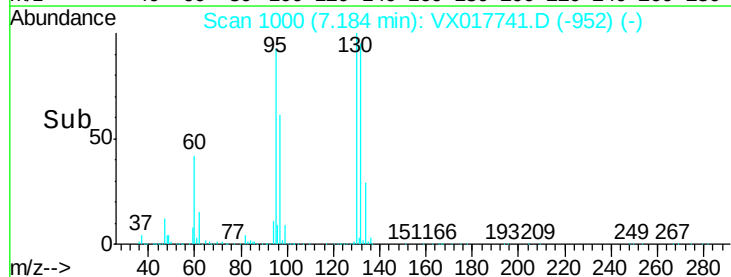
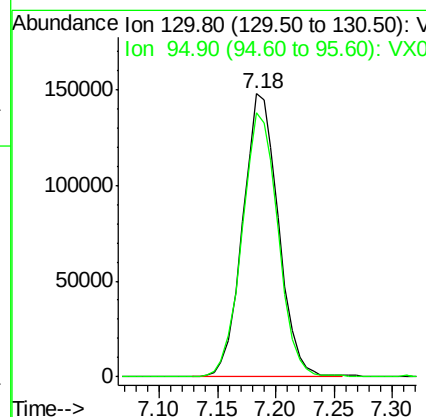
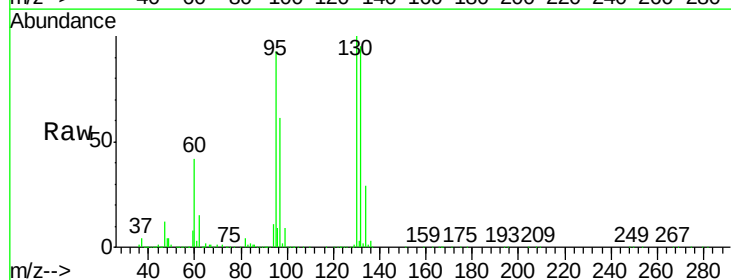
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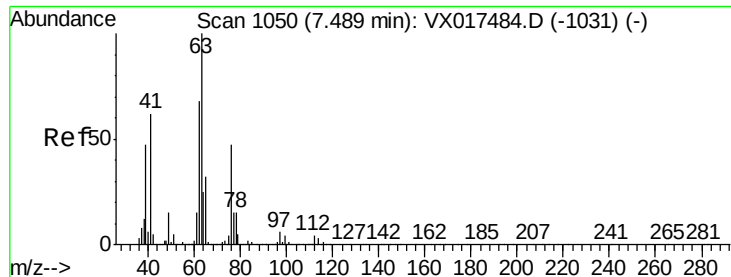
MMDadoda
8/4/2020 9:51:04 AM



#44
Trichloroethene
Concen: 53.407 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	189.0





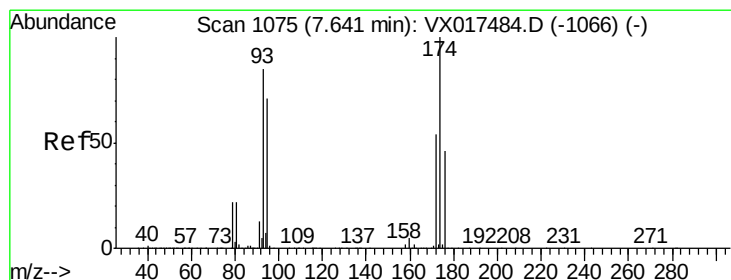
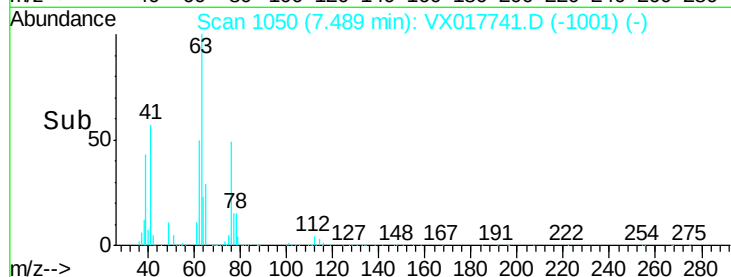
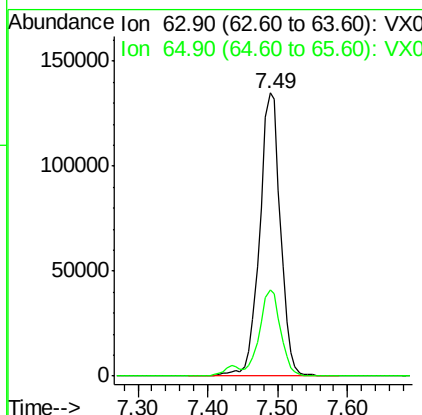
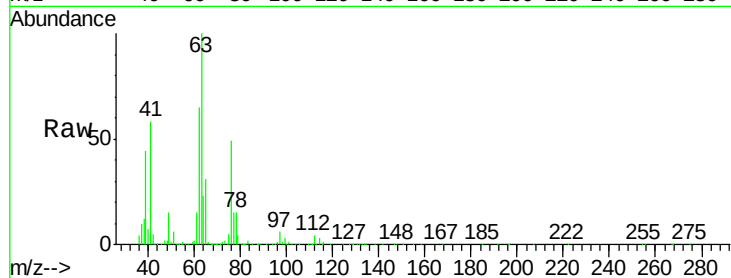
#45
 1,2-Dichloropropane
 Concen: 50.049 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

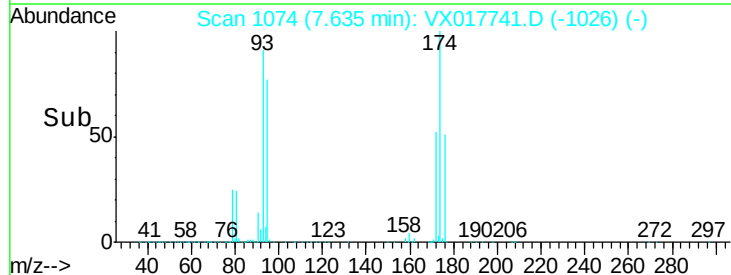
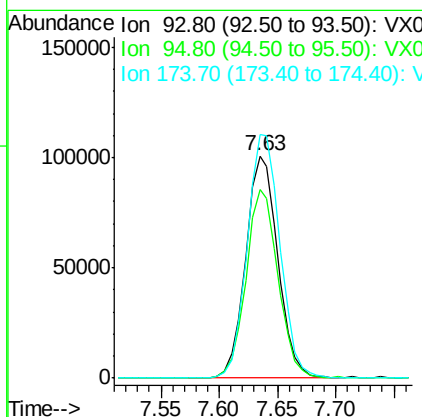
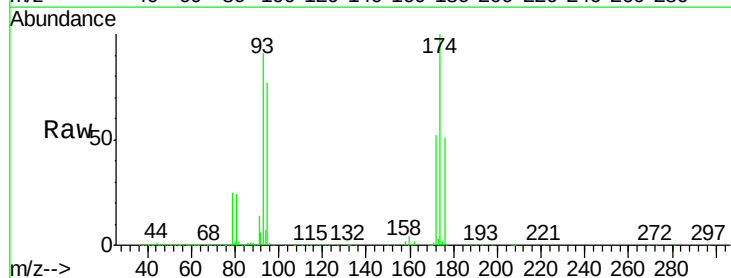
Manual Integrations
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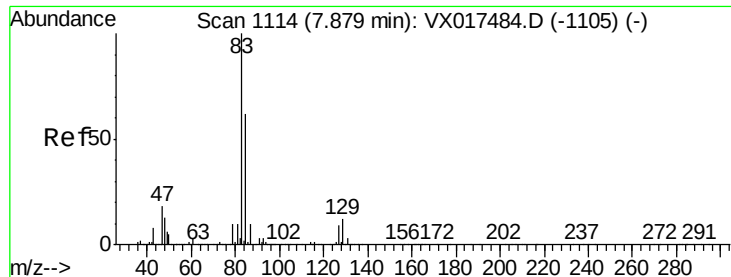
MMDadoda
 8/4/2020 9:51:04 AM



#46
 Dibromomethane
 Concen: 49.279 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.6	99.8
174	112.3	87.0	130.6





#47

Bromodichloromethane

Concen: 51.893 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

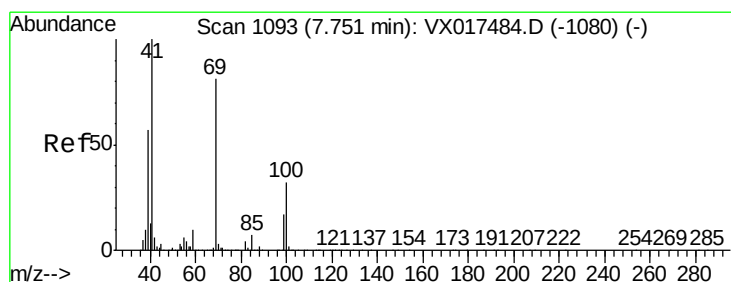
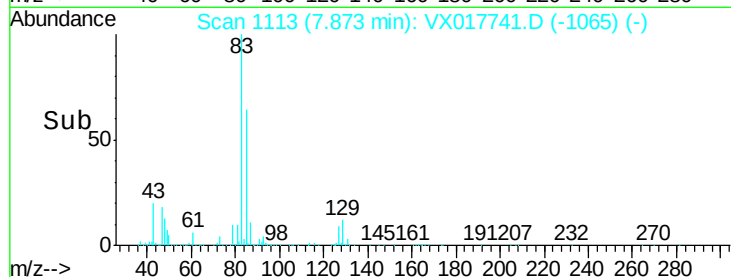
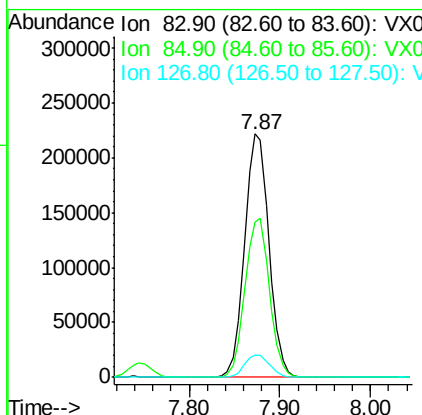
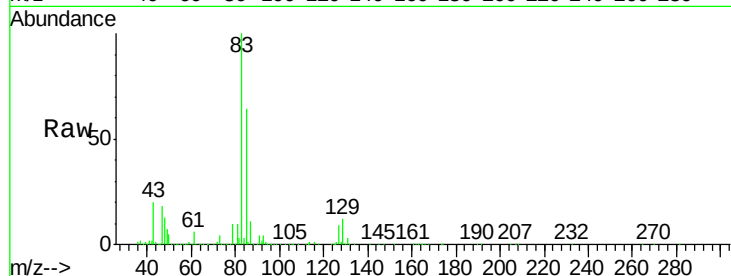
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	411670
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8
127	9.0	7.4	11.2

Manual Integrations
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8/4/2020 9:51:04 AM



#48

Methyl methacrylate

Concen: 48.807 ug/l

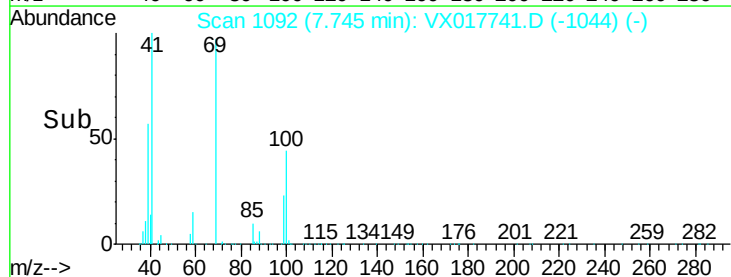
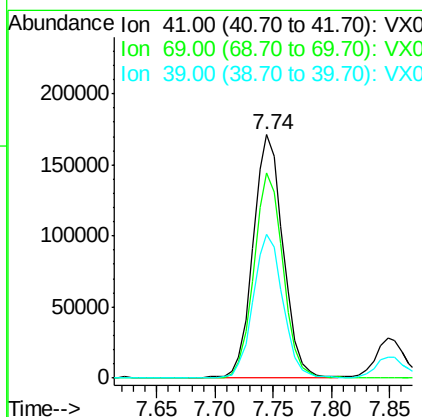
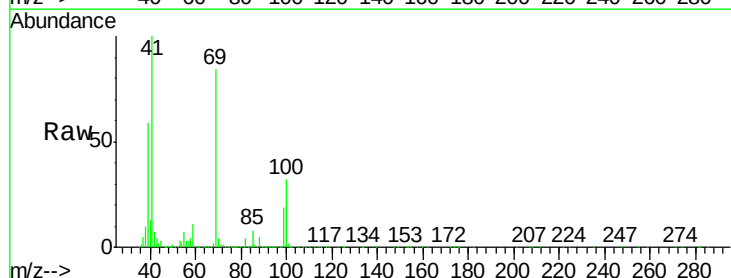
RT: 7.74 min Scan# 1092

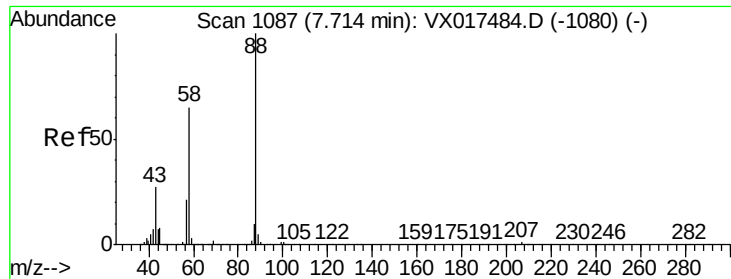
Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	41	Resp:	306582
Ion	Ratio	Lower	Upper
41	100		
69	81.7	63.1	94.7
39	58.3	45.1	67.7





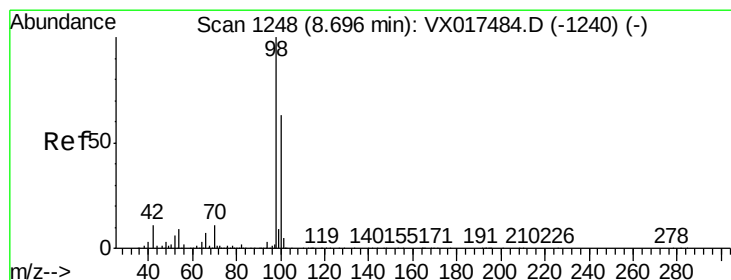
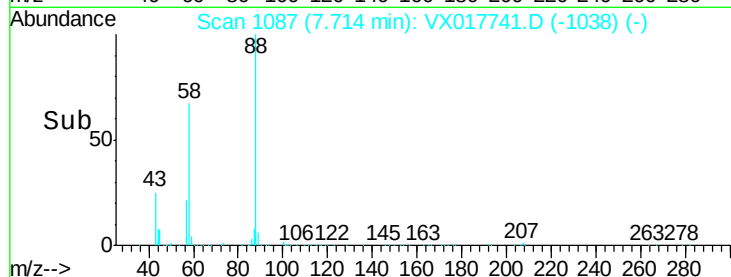
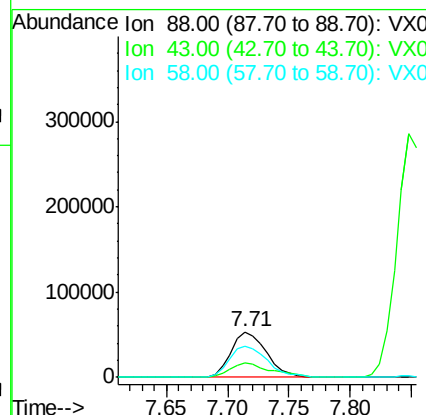
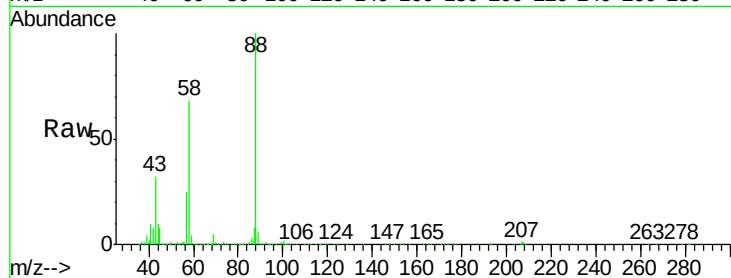
#49
1,4-Dioxane
Concen: 897.605 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.8	41.6
58	72.1	58.3	87.5

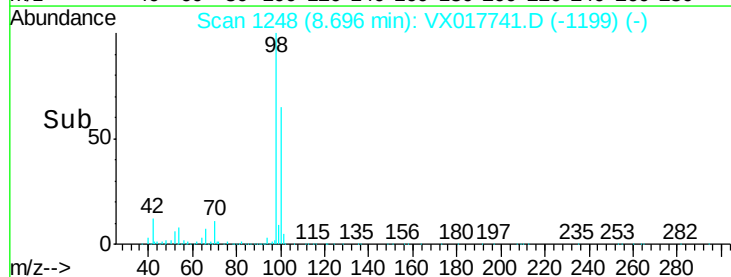
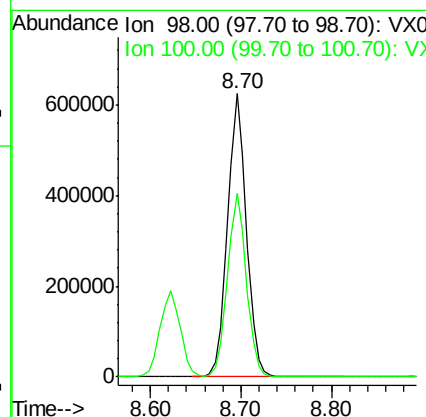
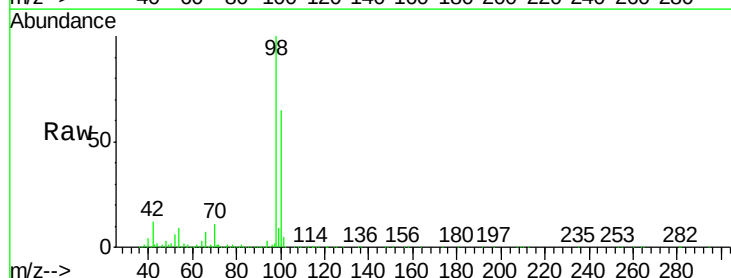
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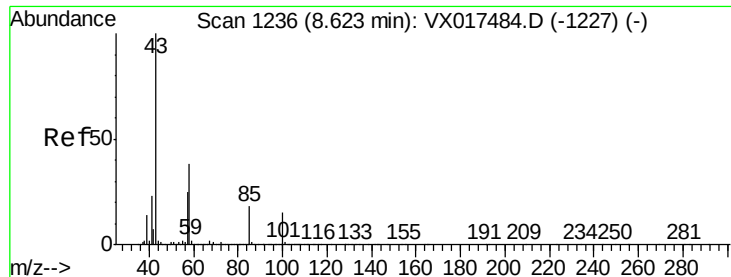
MMDadoda
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#50
Toluene-d8
Concen: 51.091 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 249.618 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tot Ion: 43 Resp: 1887375

Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4

Instrument :

MSVOA_X

ClientSampled :

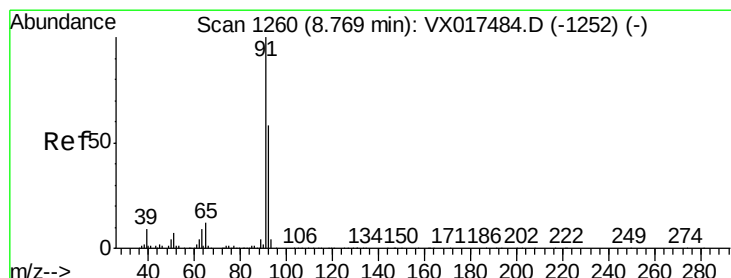
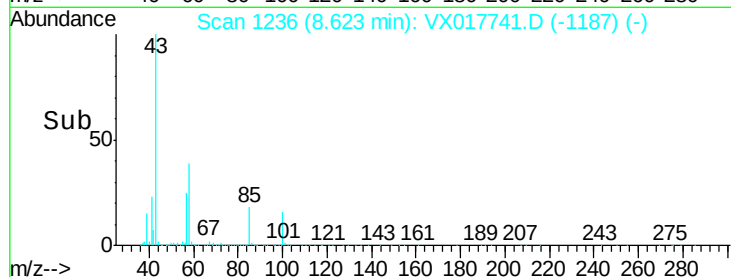
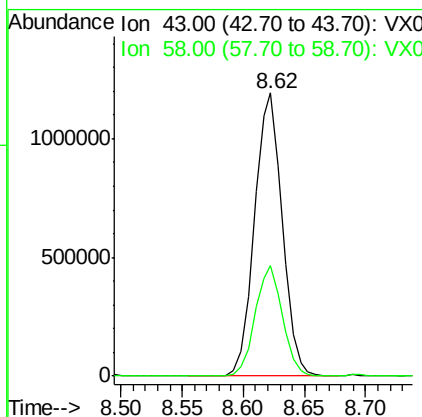
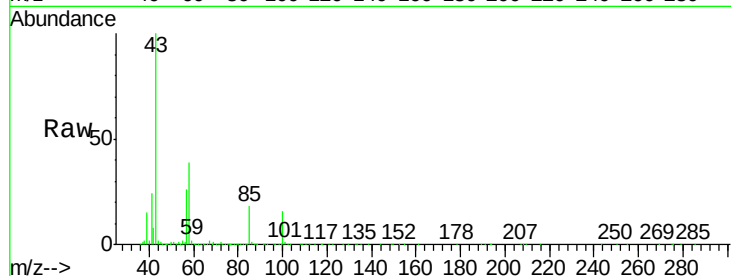
VSTDCCC050

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#52

Toluene

Concen: 52.018 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017741.D

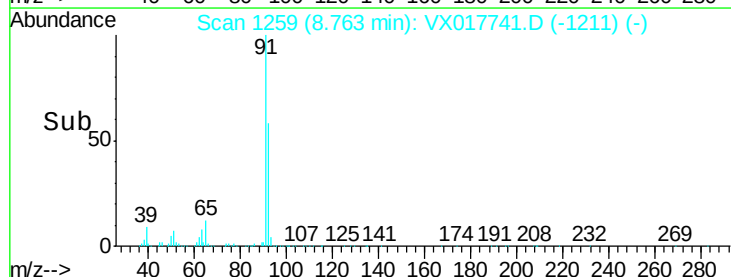
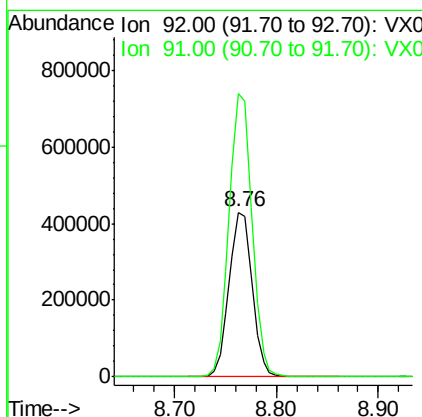
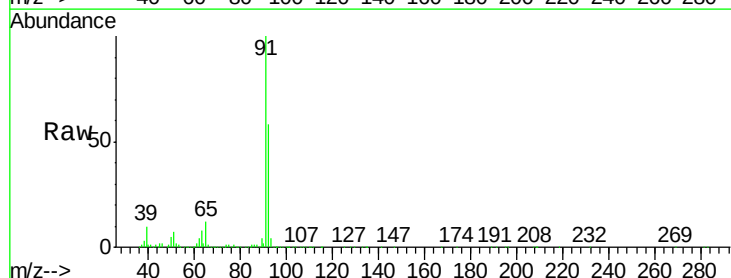
Acq: 03 Aug 2020 12:54

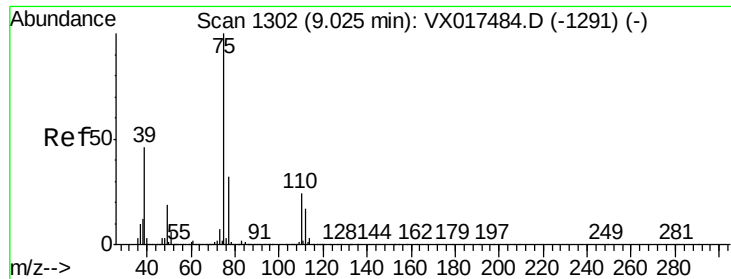
Tgt Ion: 92 Resp: 671353

Ion Ratio Lower Upper

92 100

91 171.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.566 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tot Ion: 75 Resp: 457930

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

Instrument :

MSVOA_X

ClientSampleId :

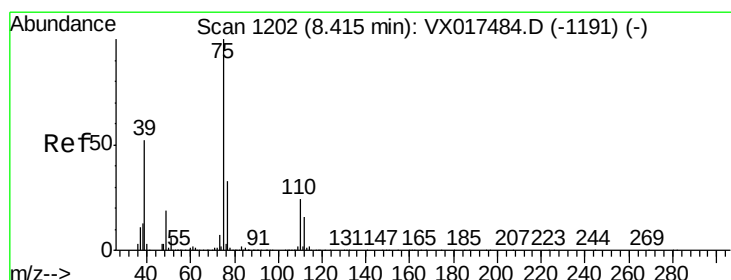
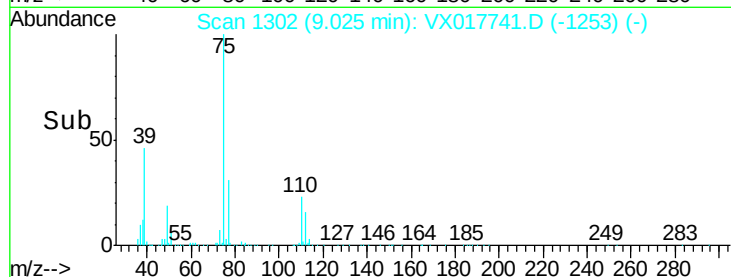
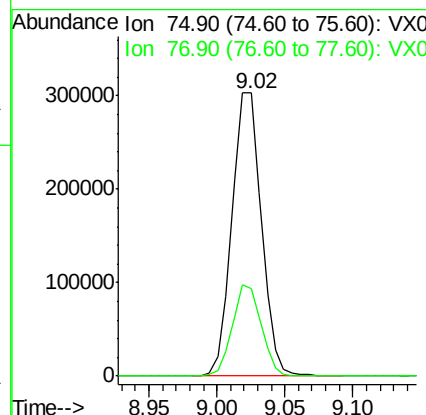
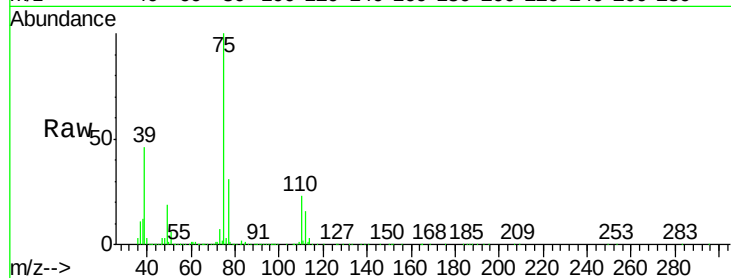
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 52.722 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

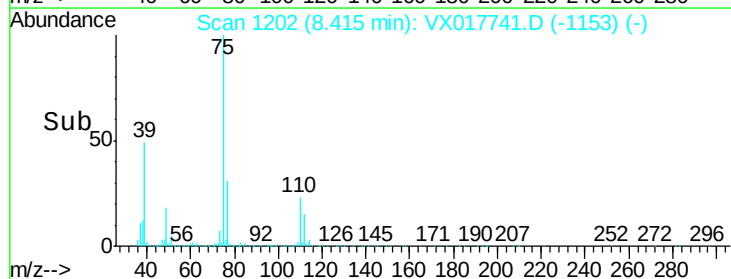
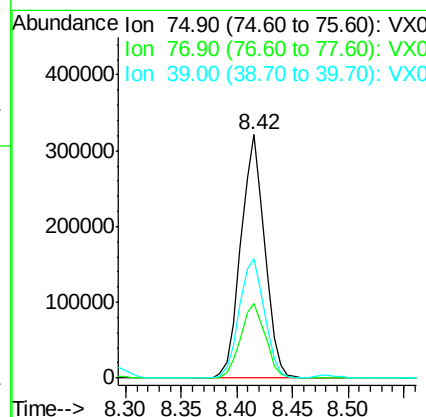
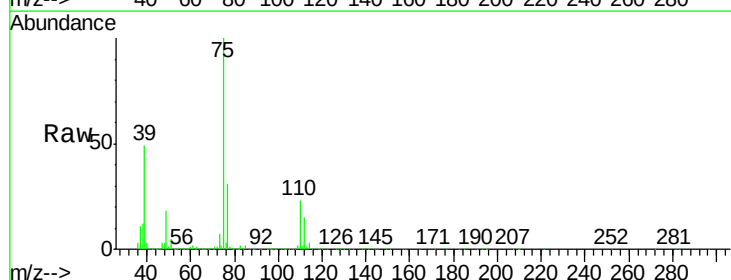
Tgt Ion: 75 Resp: 477557

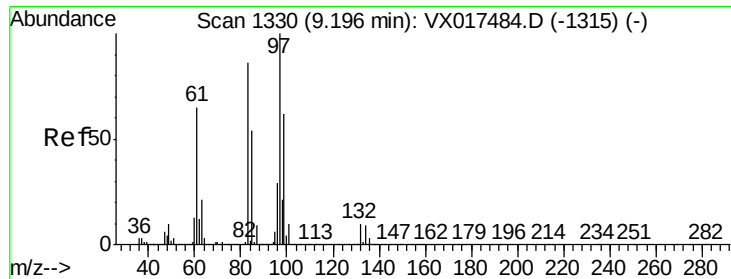
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 49.0 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 51.368 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

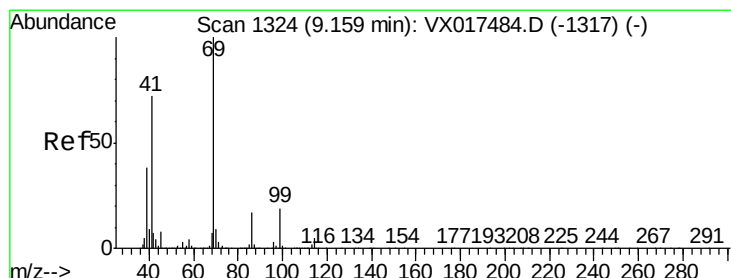
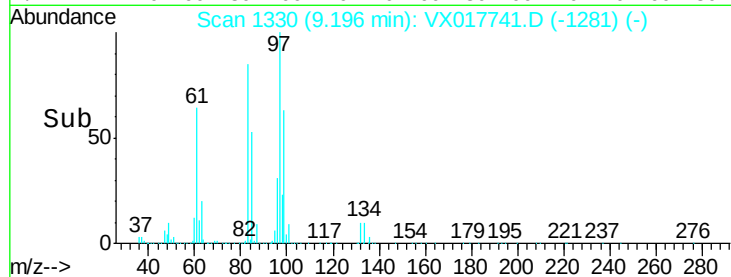
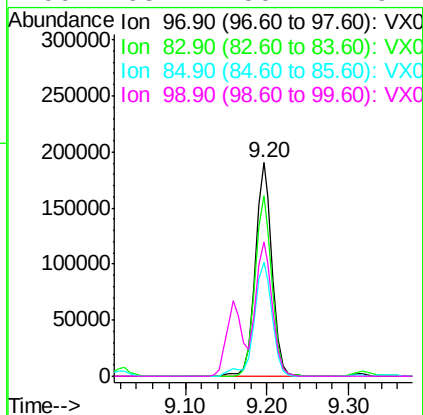
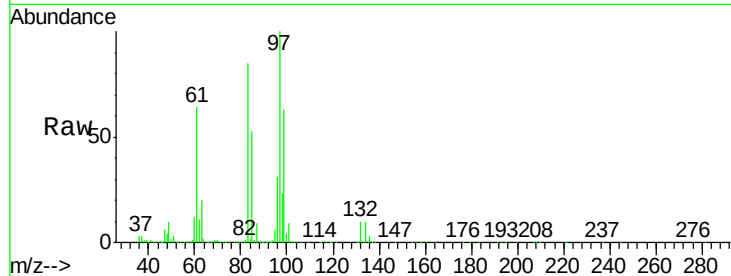
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		276176		
83	84.5	67.6	101.4		
85	53.0	44.6	67.0		
99	63.1	50.2	75.4		

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#56

Ethyl methacrylate

Concen: 53.560 ug/l

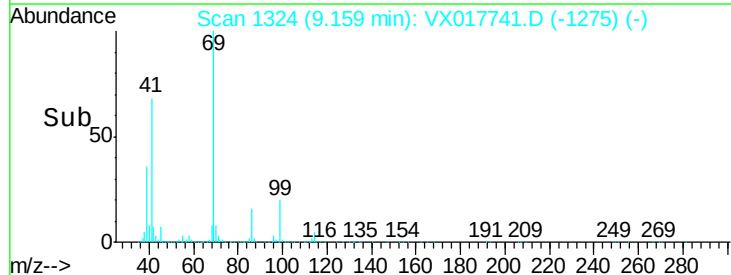
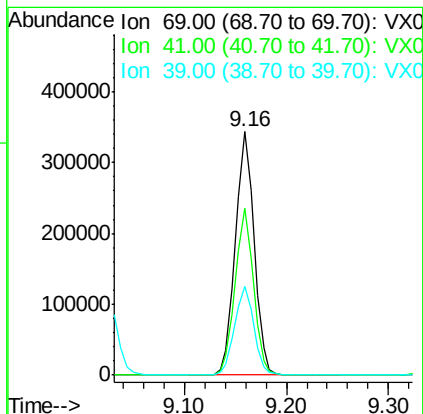
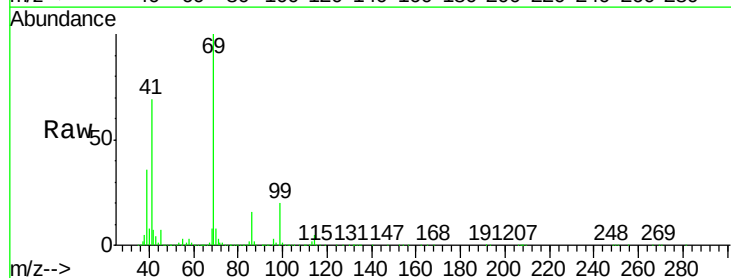
RT: 9.16 min Scan# 1324

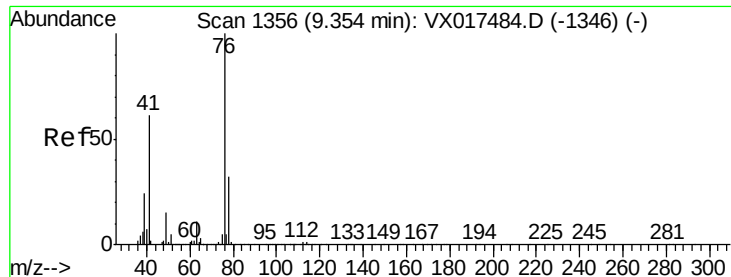
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		433836		
41	67.1	55.0	82.6		
39	37.1	30.0	45.0		





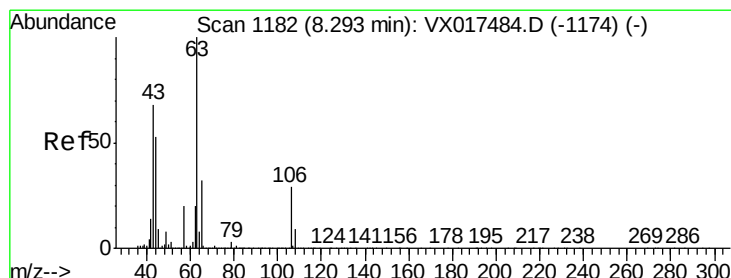
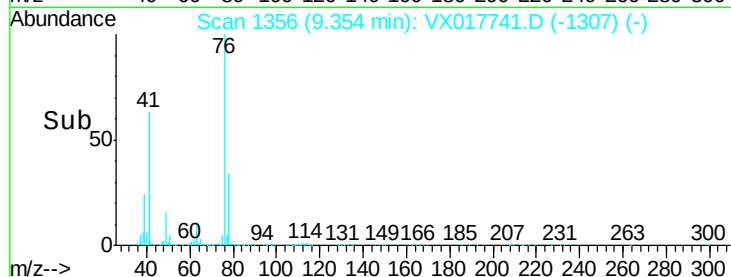
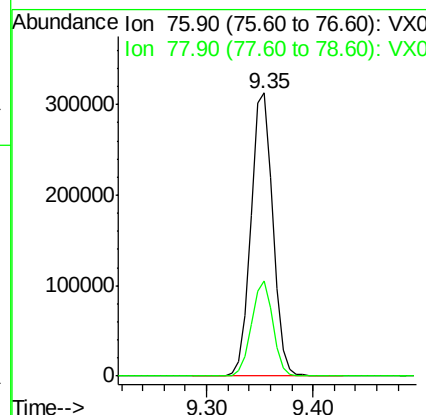
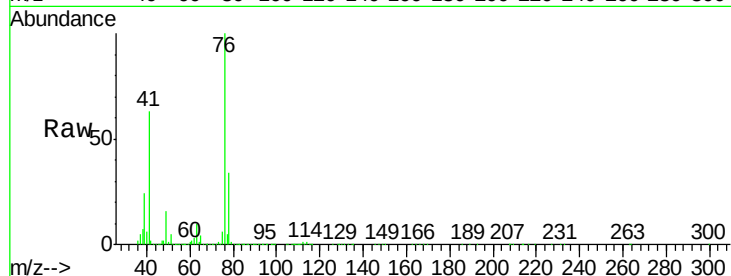
#57
 1,3-Dichloropropane
 Concen: 51.181 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

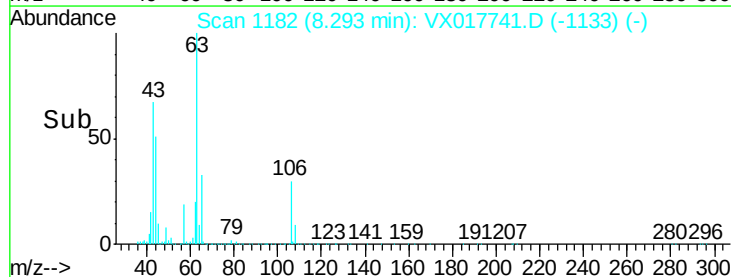
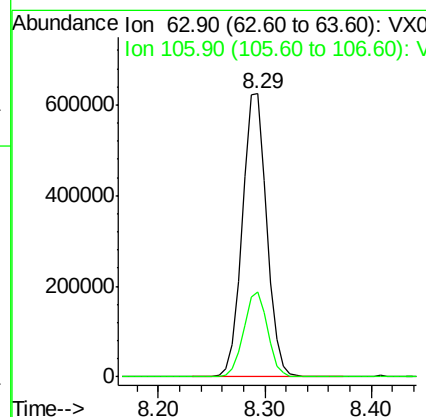
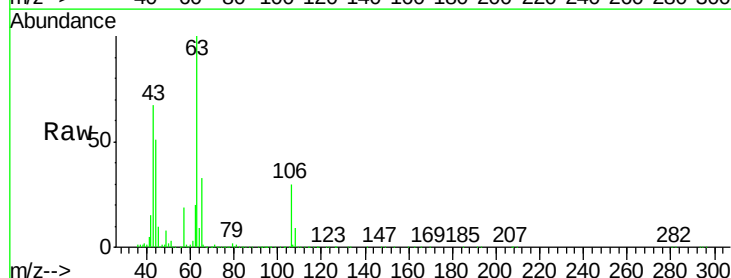
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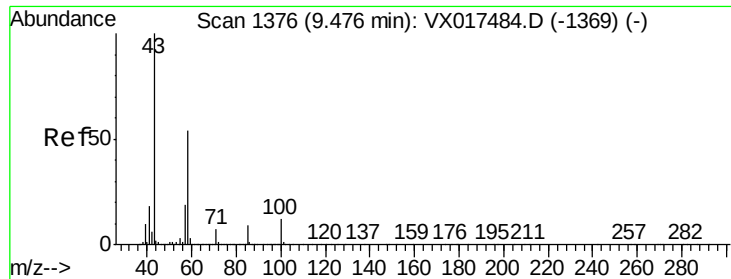
MMDadoda
 8/4/2020 9:51:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.339 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	22.6	34.0





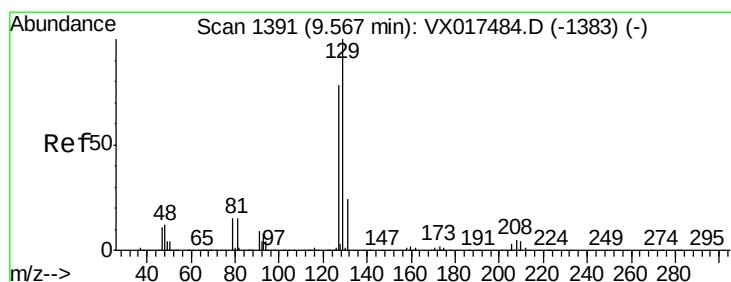
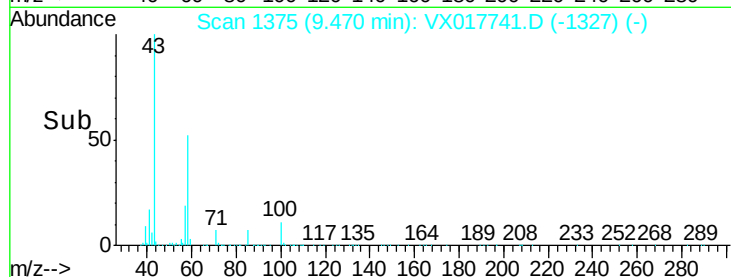
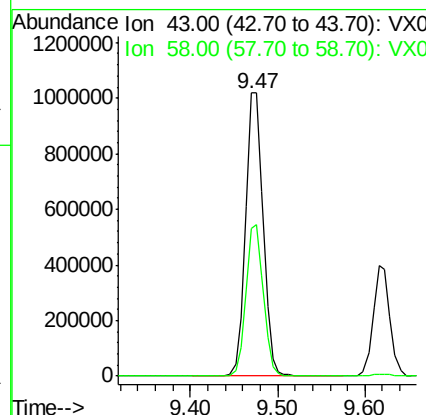
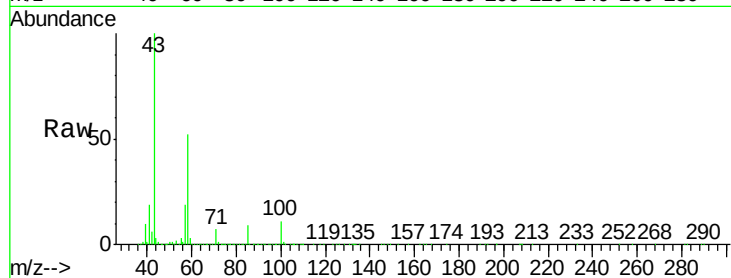
#59
2-Hexanone
Concen: 252.206 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1435709
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8

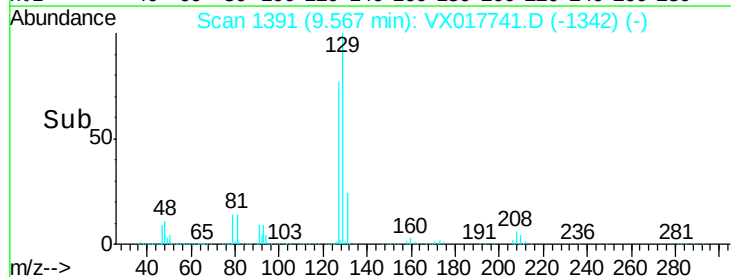
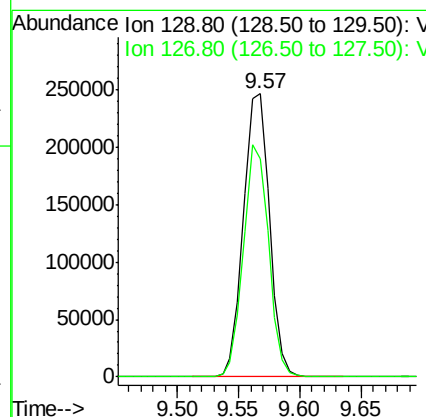
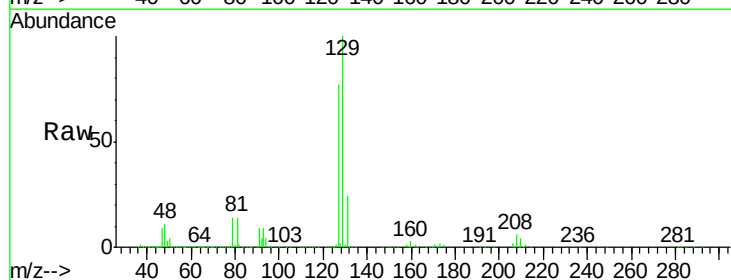
Manual Integrations
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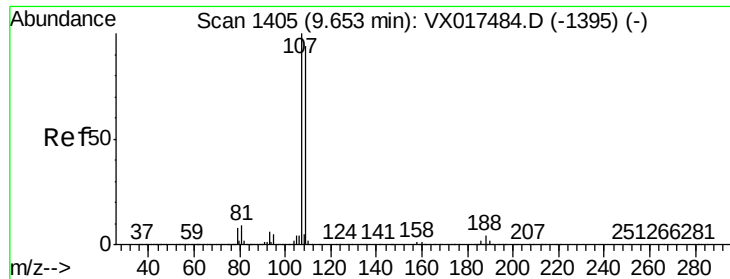
MMDadoda
8/4/2020 9:51:04 AM



#60
Dibromochloromethane
Concen: 53.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion: 129 Resp: 364812
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.069 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 303766

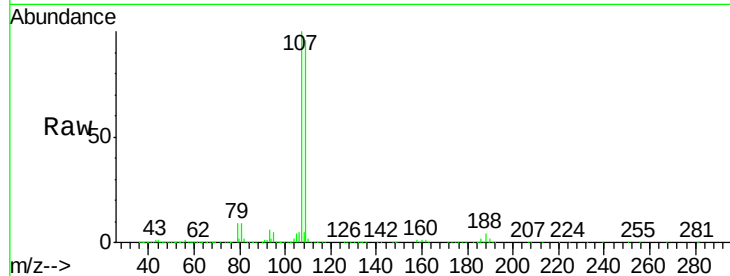
Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3

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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

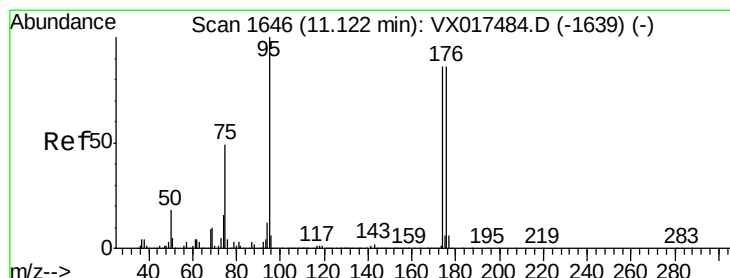
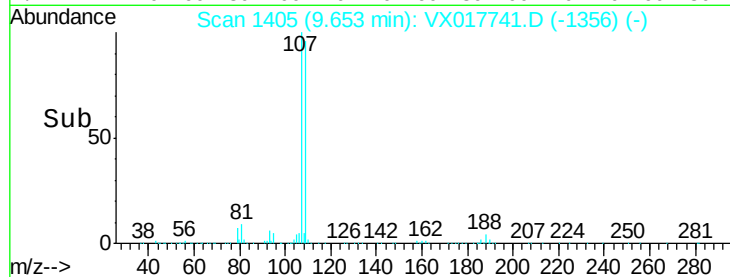
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.135 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

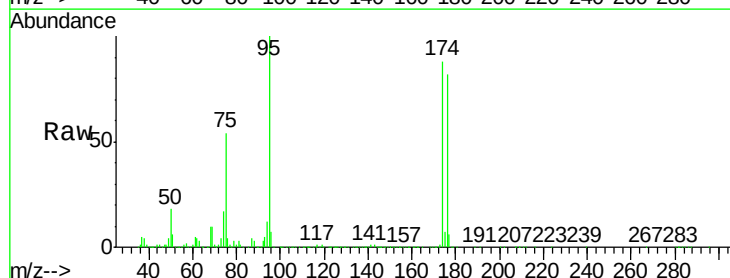
Tgt Ion: 95 Resp: 347235

Ion Ratio Lower Upper

95 100

174 87.1 0.0 169.0

176 80.8 0.0 161.0



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

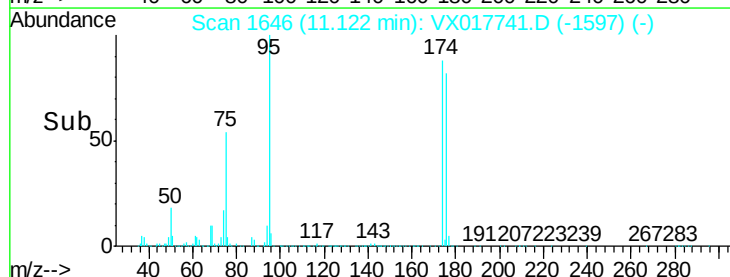
300000

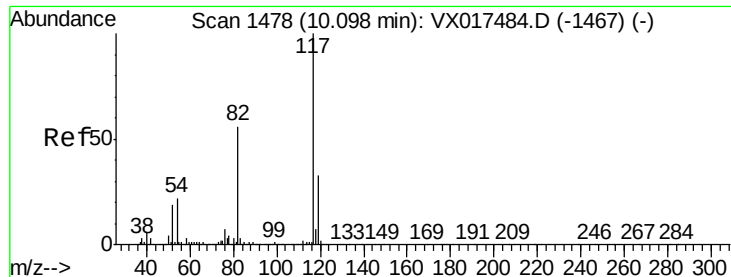
200000

100000

0

Time-->





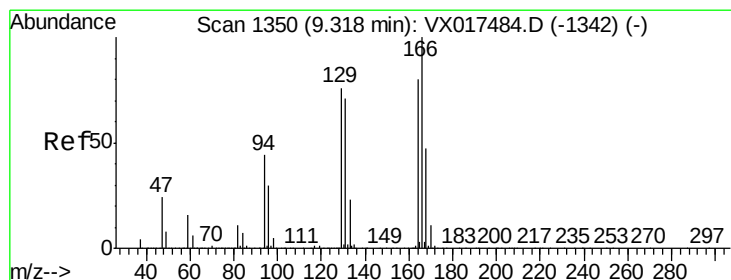
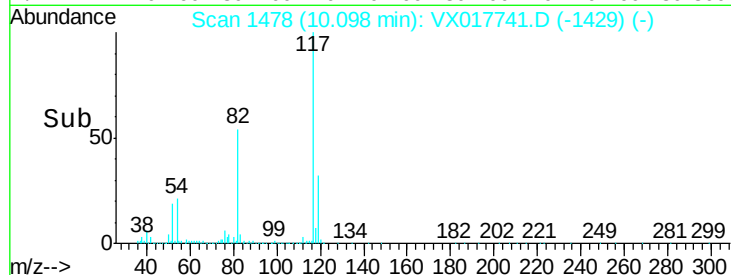
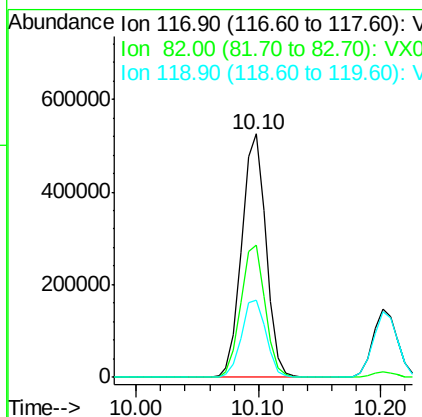
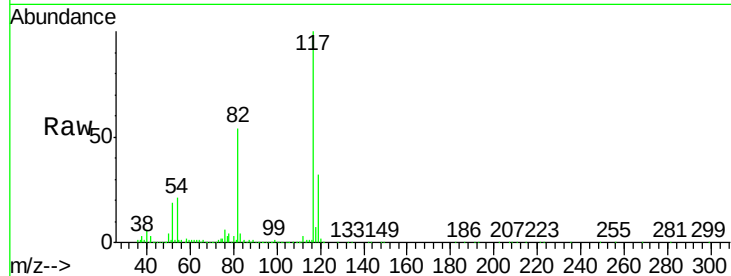
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.0	66.0
119	31.7	25.4	38.0

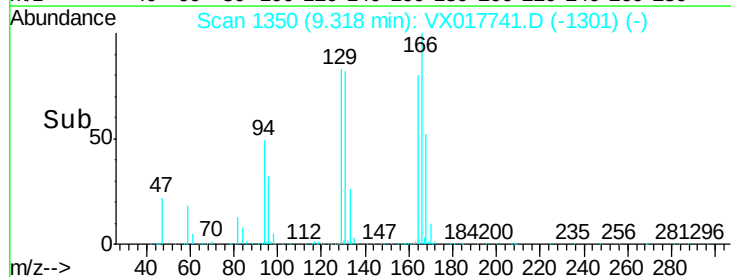
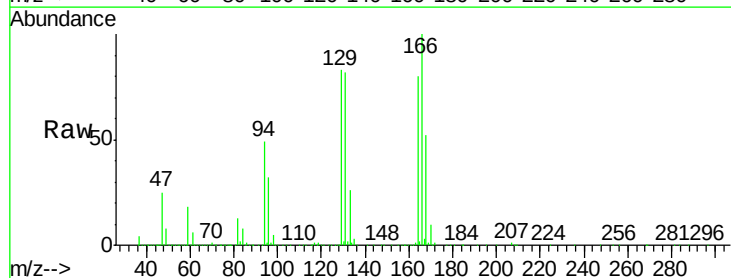
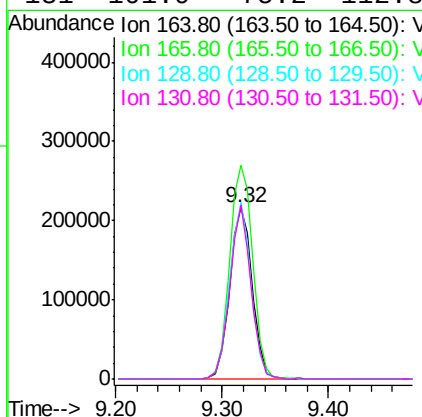
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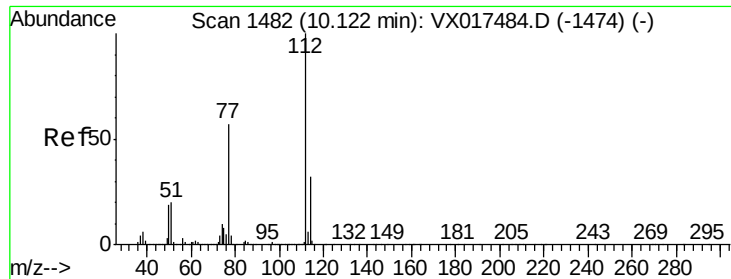
MMDadoda
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#64
Tetrachloroethene
Concen: 49.489 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.6	150.8
129	102.8	75.0	112.6
131	101.9	75.2	112.8





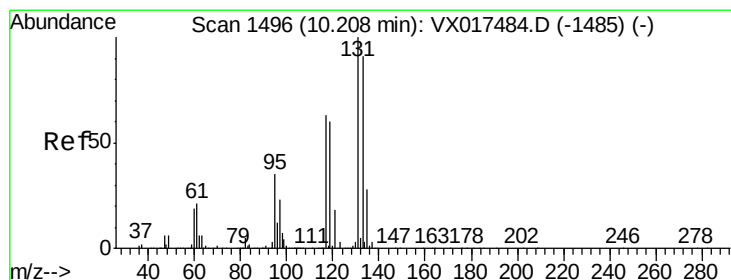
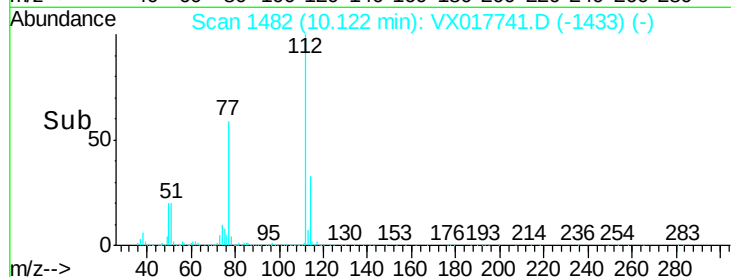
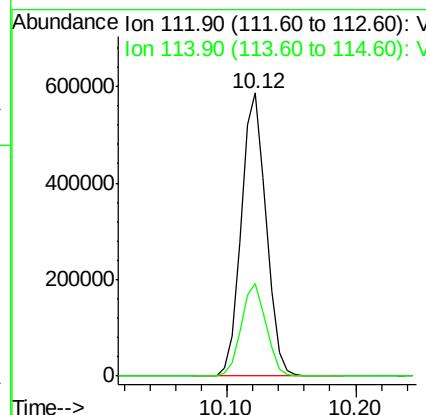
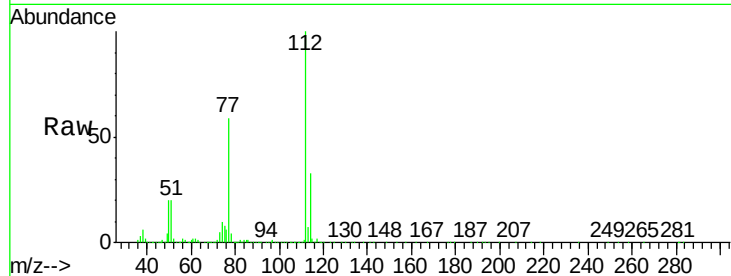
#65
Chlorobenzene
Concen: 50.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.7	38.5

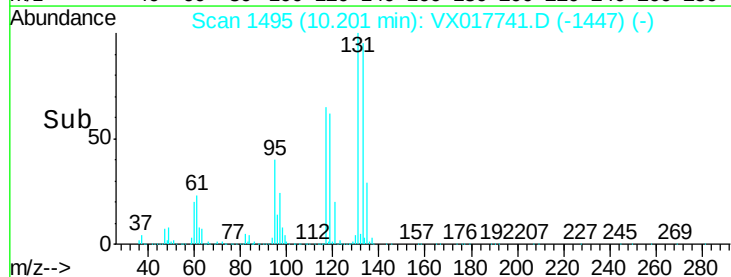
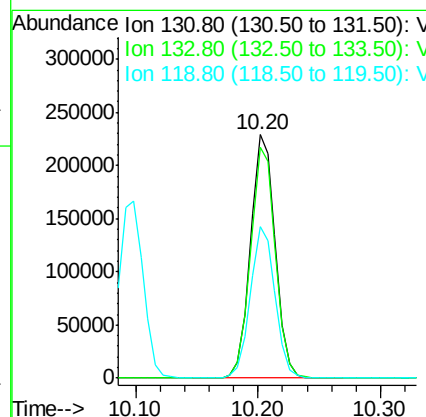
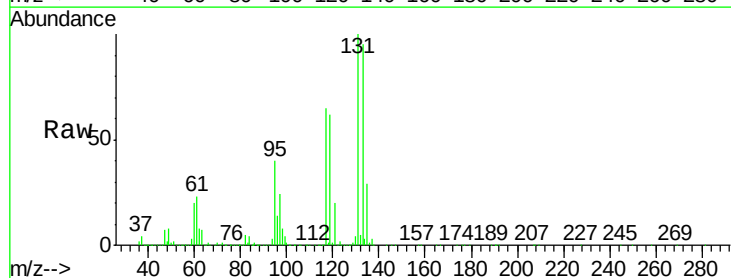
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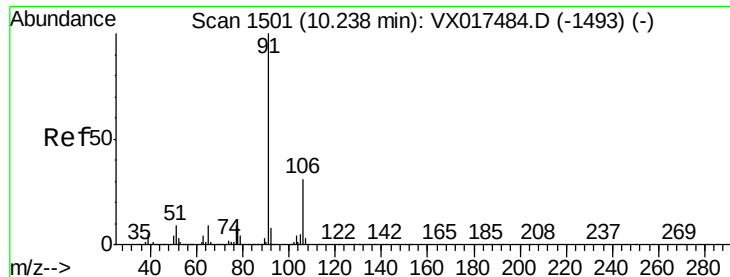
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.865 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.9	143.6
119	62.4	31.1	93.3





#67

Ethyl Benzene

Concen: 50.002 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1300814

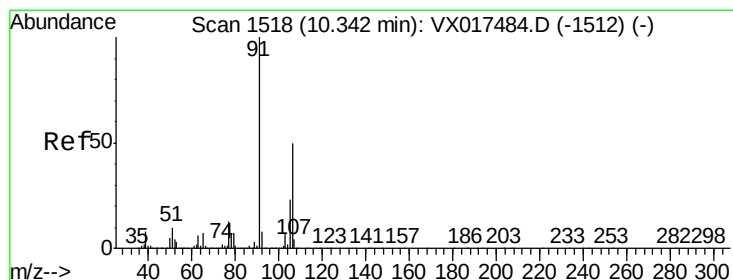
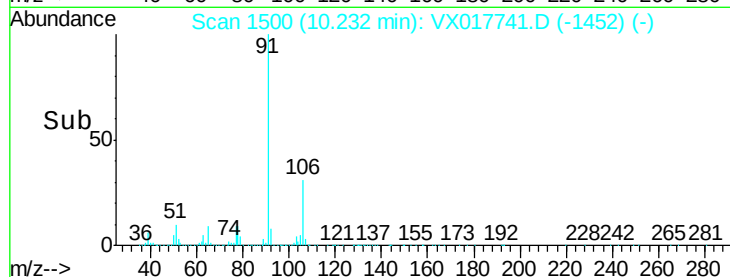
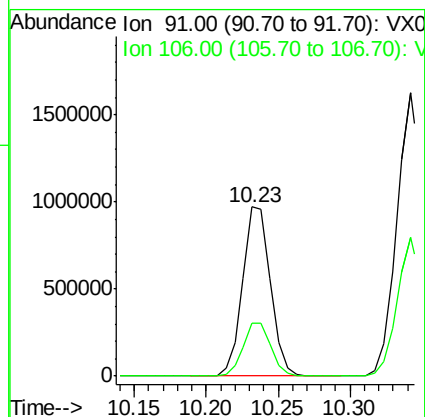
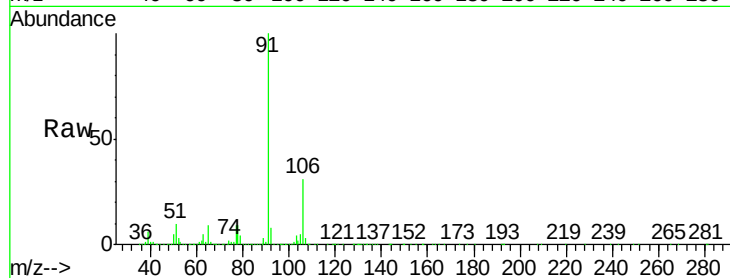
Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 102.605 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017741.D

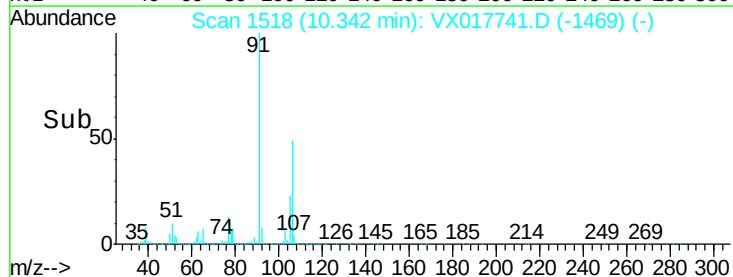
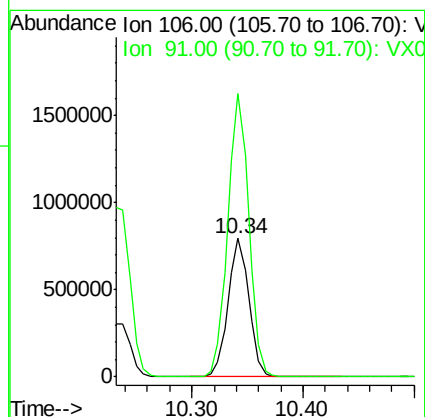
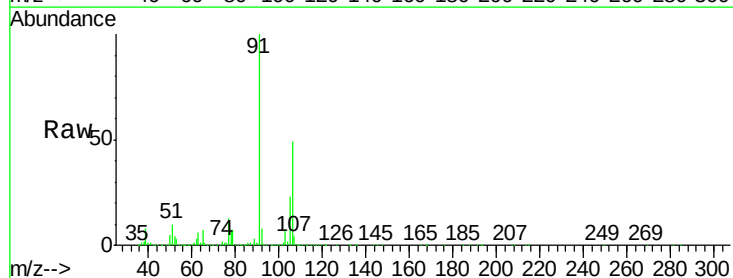
Acq: 03 Aug 2020 12:54

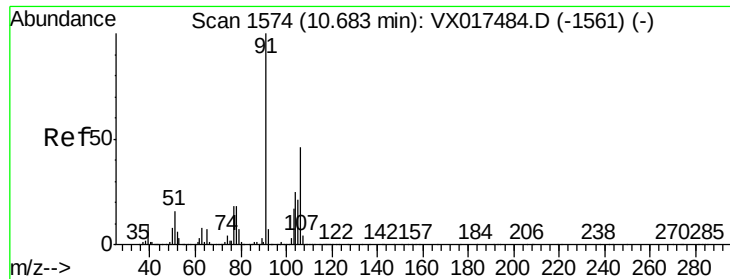
Tgt Ion: 106 Resp: 1034091

Ion Ratio Lower Upper

106 100

91 205.6 160.9 241.3





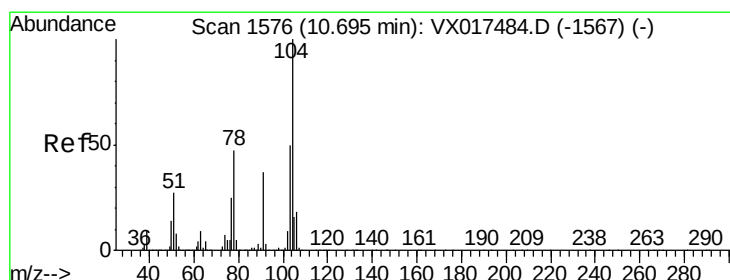
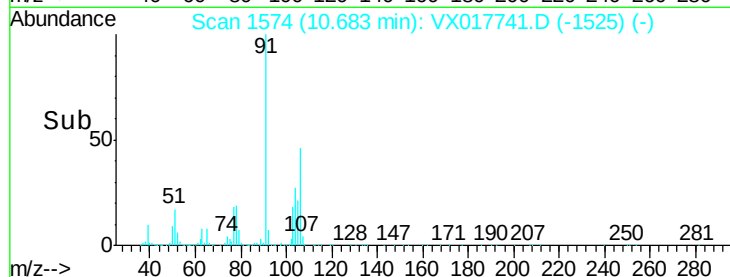
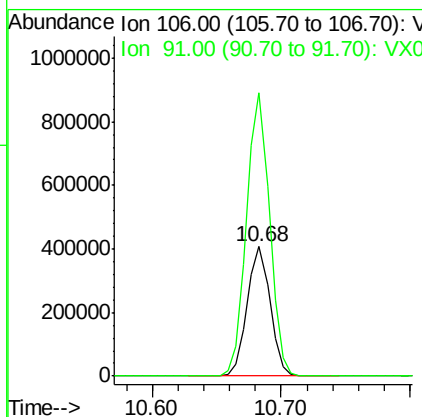
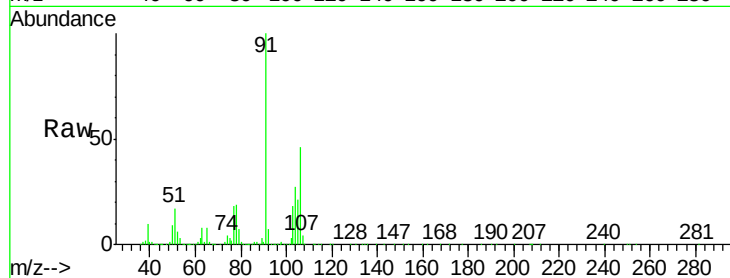
#69
o-Xylene
Concen: 51.402 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.5	108.2	324.6

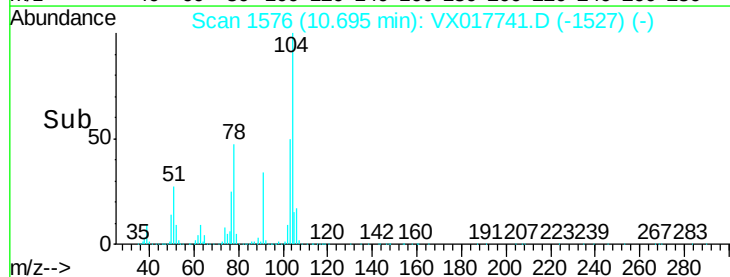
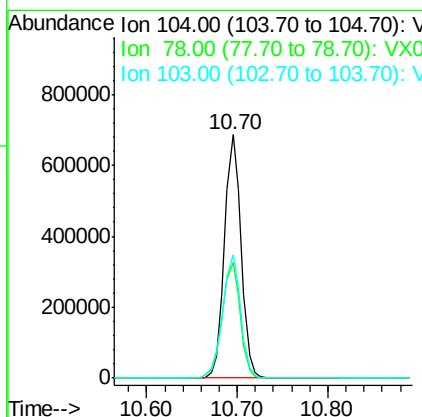
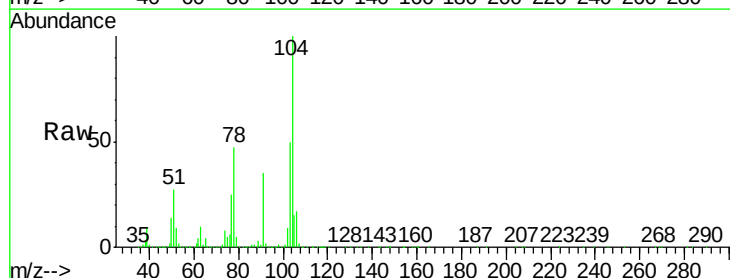
Manual Integrations
APPROVED

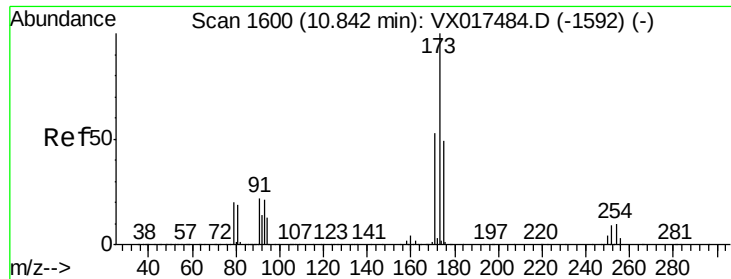
MMDadoda
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#70
Styrene
Concen: 53.148 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	42.5	63.7
103	54.7	44.3	66.5





#71

Bromoform

Concen: 51.443 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

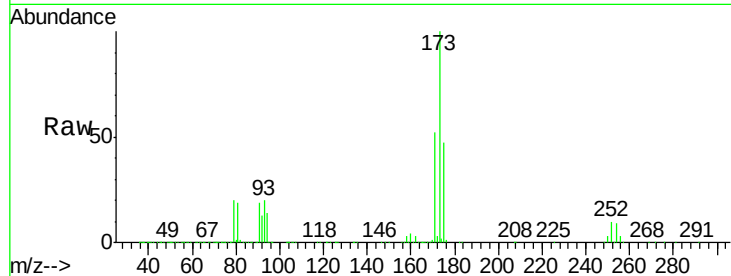
ClientSampleId :

VSTDCCC050

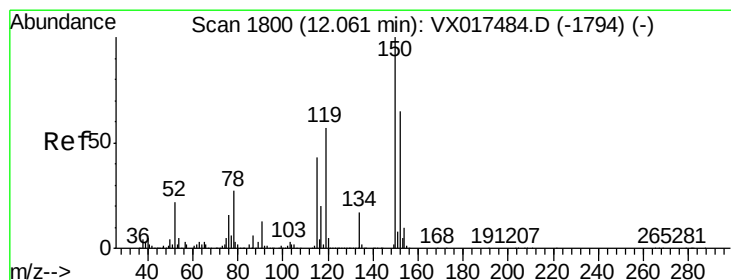
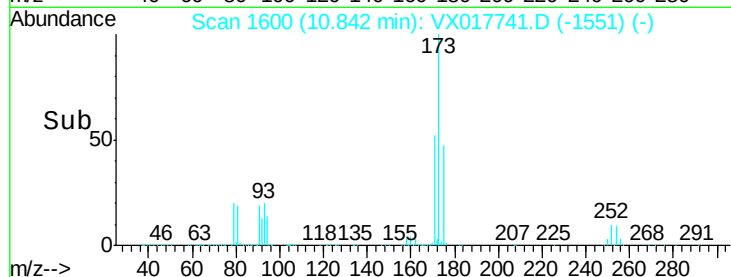
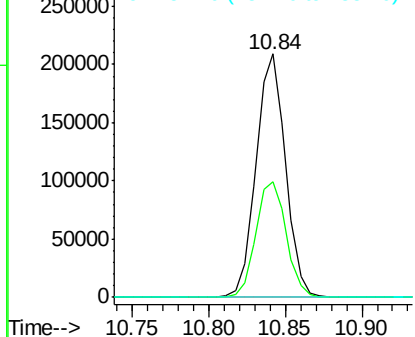
Tot Ion:	173	Resp:	280335
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.8	71.5
254	0.1	0.1	0.1

Manual Integrations
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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

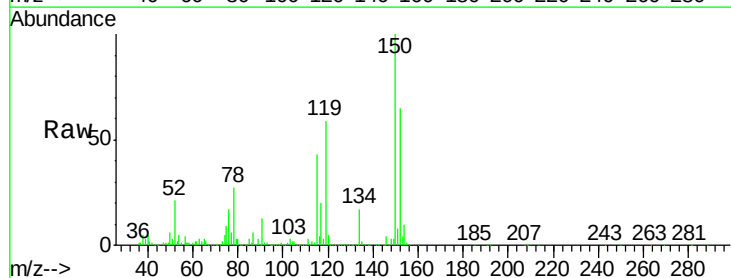
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

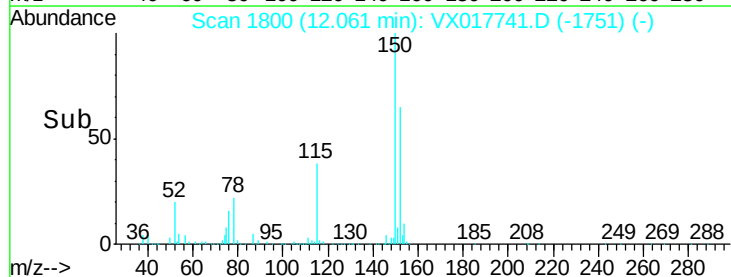
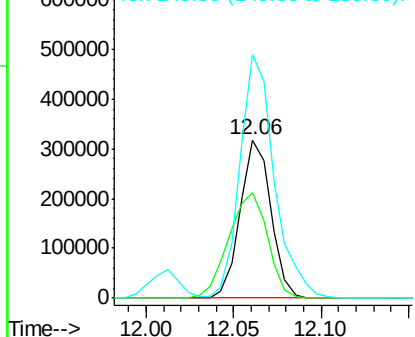
Lab File: VX017741.D

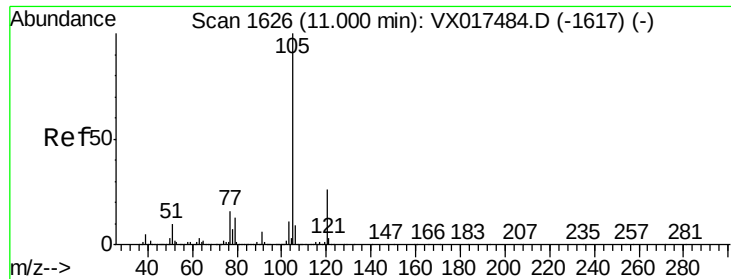
Acq: 03 Aug 2020 12:54

Tgt Ion:	152	Resp:	387857
Ion Ratio	Lower	Upper	
152	100		
115	83.6	65.5	196.6
150	171.8	0.0	412.6



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: 51.806 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1378440

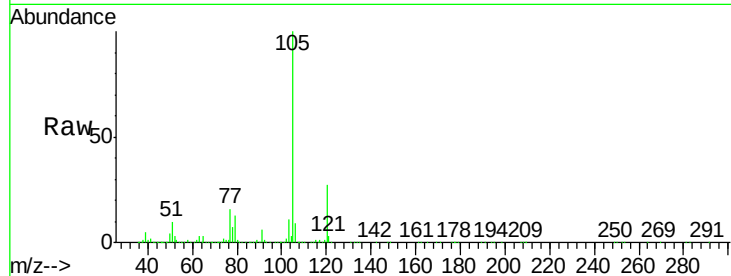
Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8

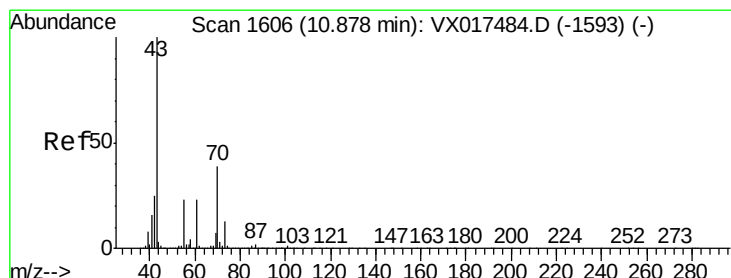
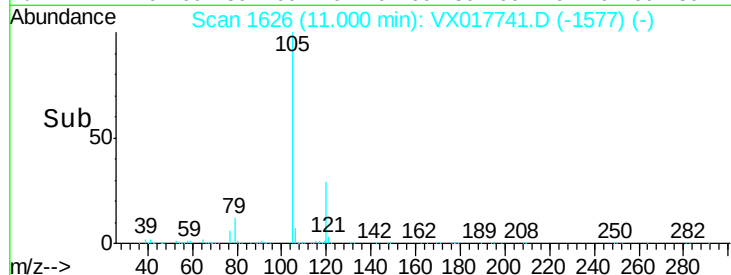
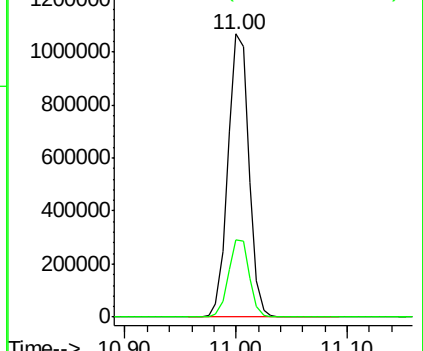
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.693 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion: 43 Resp: 563827

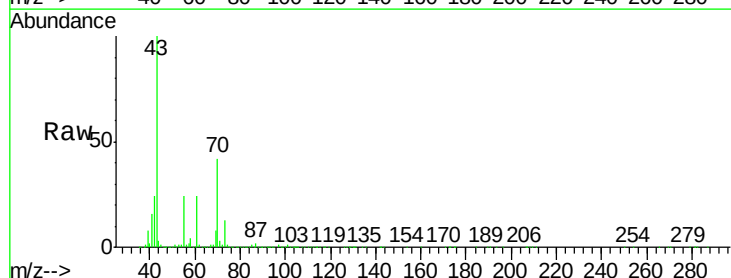
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 23.7 18.4 27.6

61 23.3 18.6 28.0

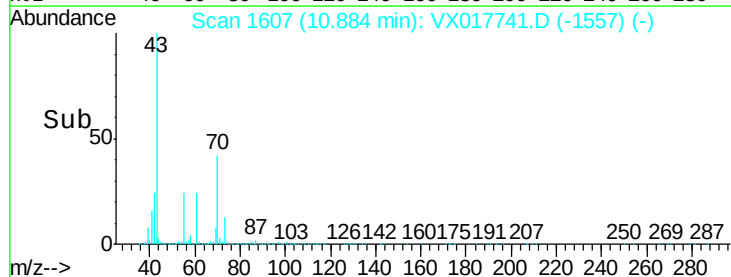
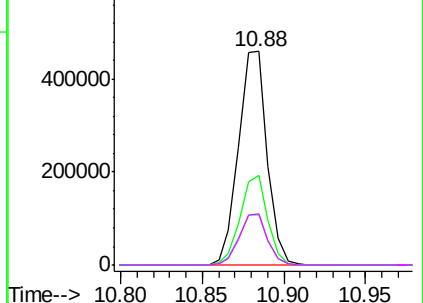


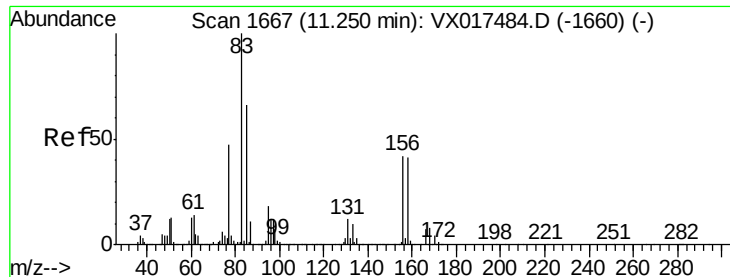
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.190 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

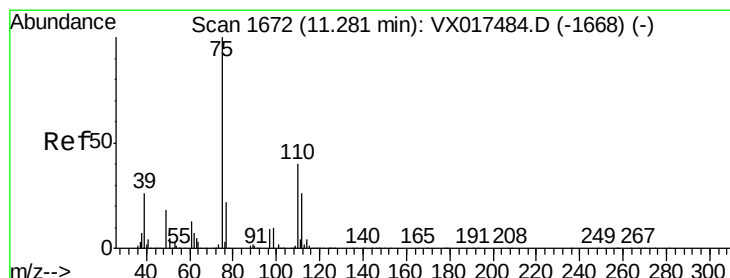
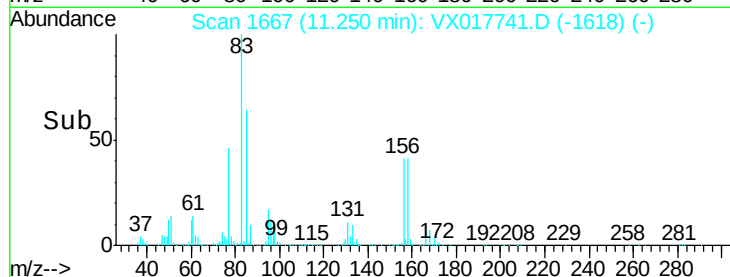
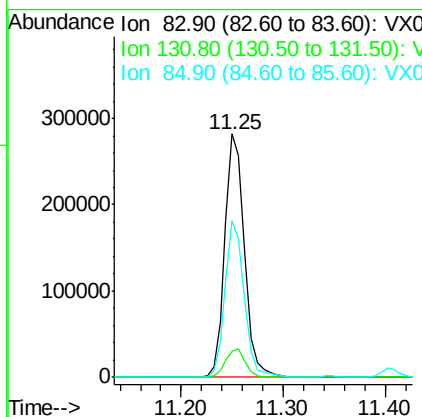
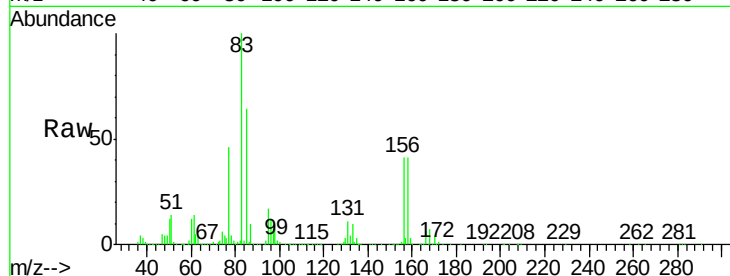
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	375313
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.5	16.5
85	63.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.408 ug/l m

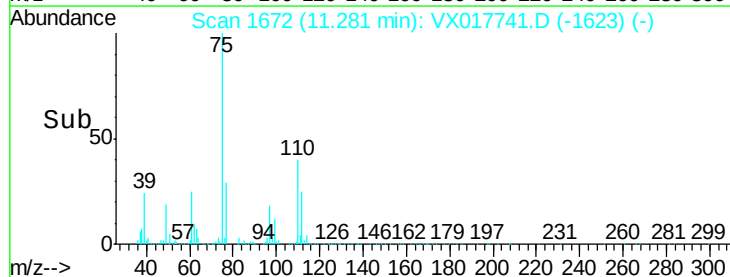
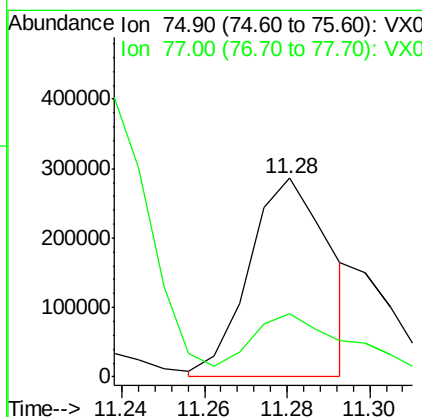
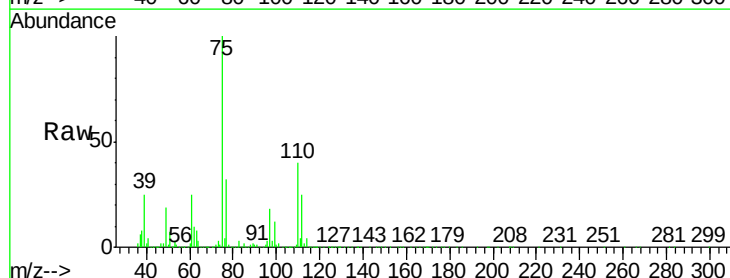
RT: 11.28 min Scan# 1672

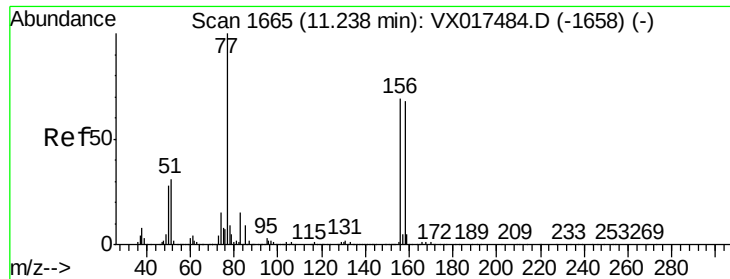
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	75	Resp:	386220
Ion Ratio	Lower	Upper	
75	100		
77	40.2	21.8	65.3





#77

Bromobenzene

Concen: 47.817 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

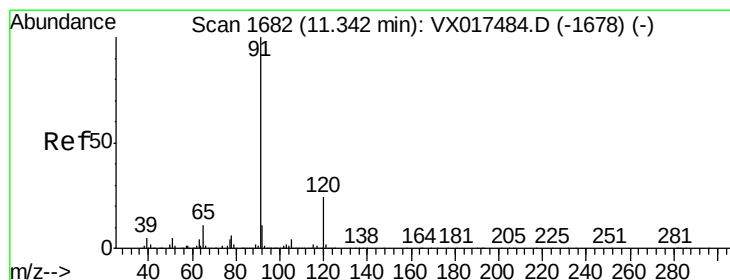
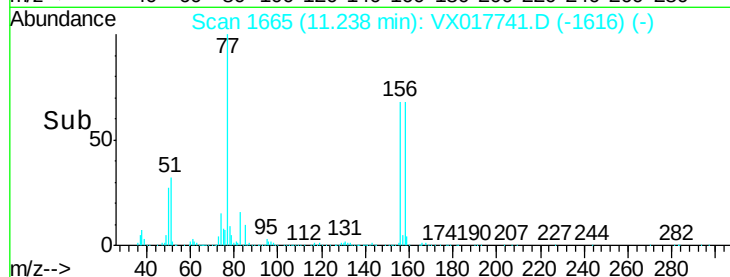
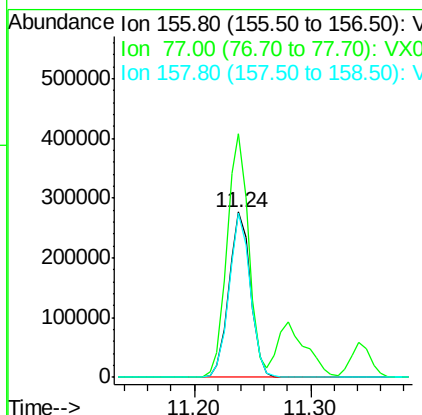
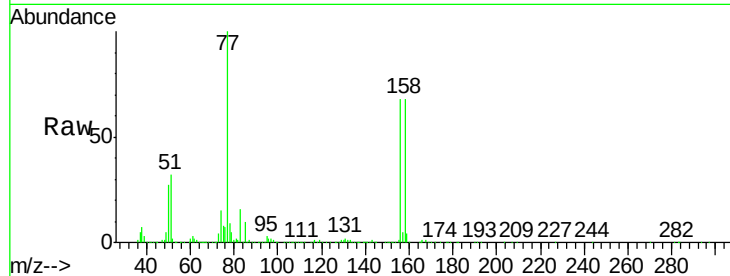
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	356184
Ion Ratio	Lower	Upper	
156	100		
77	148.1	75.0	225.0
158	97.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.414 ug/l

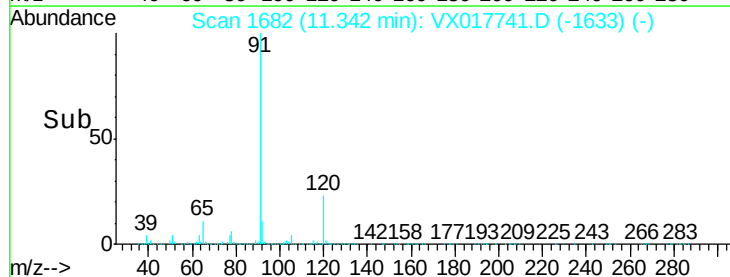
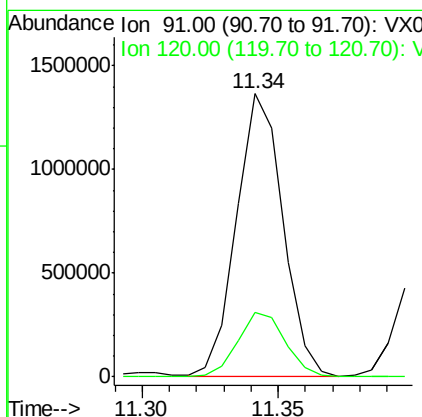
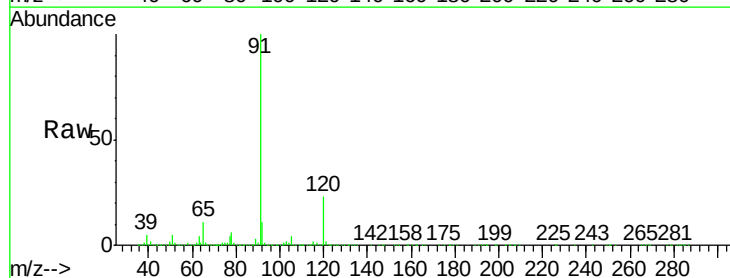
RT: 11.34 min Scan# 1682

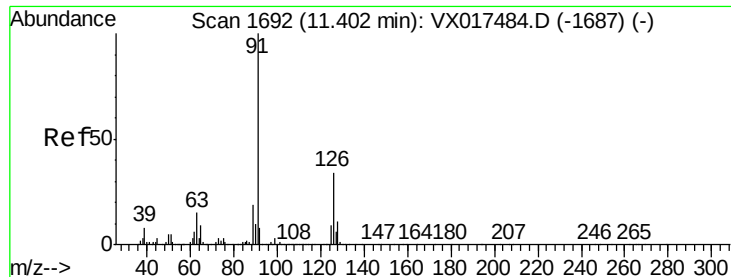
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	91	Resp:	1602923
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.936 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 909696

Ion Ratio Lower Upper

91 100

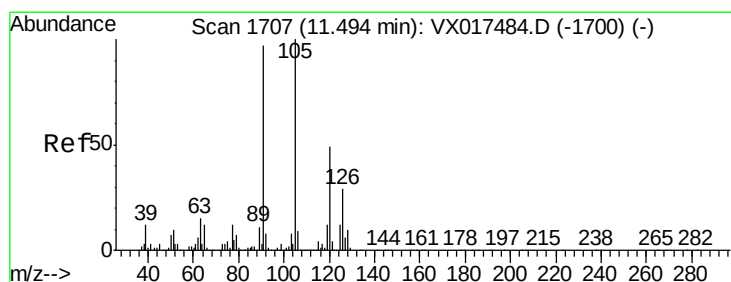
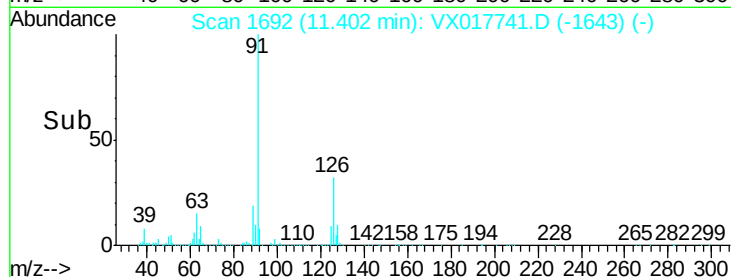
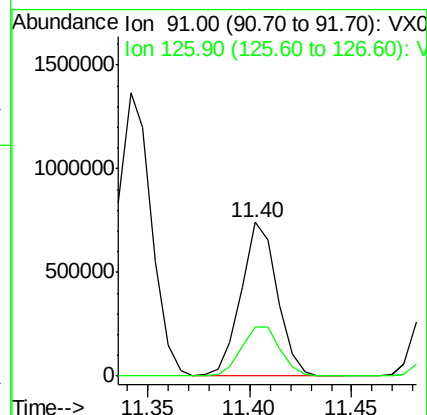
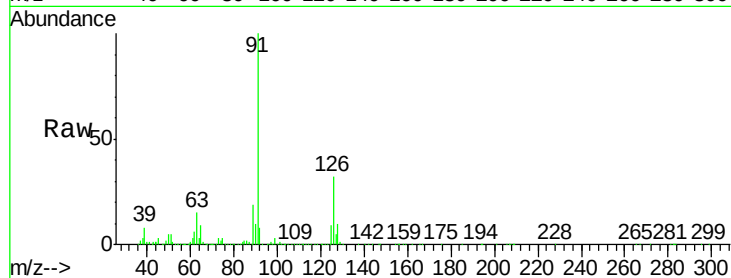
126 34.5 17.5 52.5

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 51.234 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017741.D

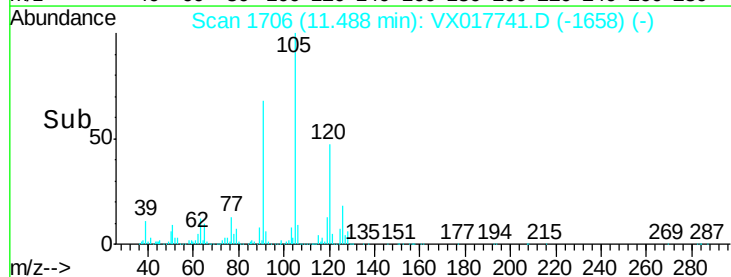
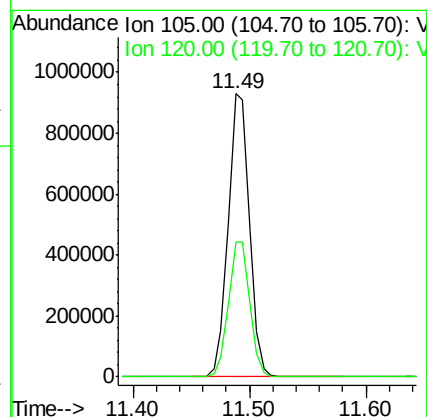
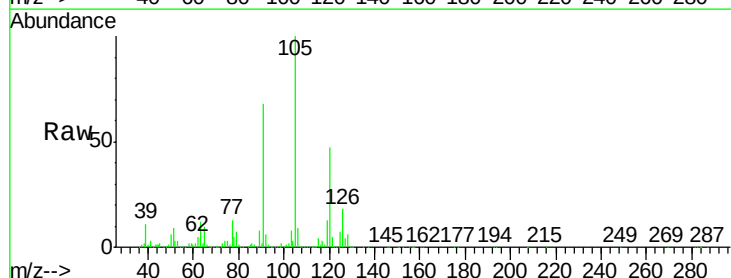
Acq: 03 Aug 2020 12:54

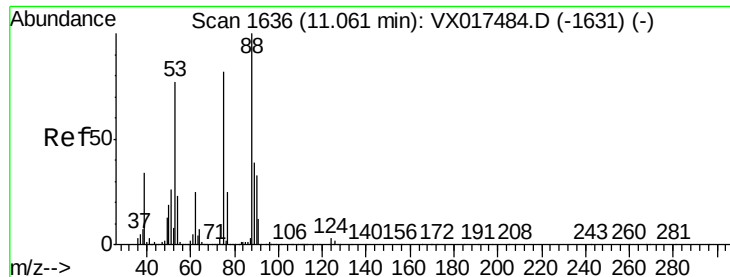
Tgt Ion: 105 Resp: 1163928

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3





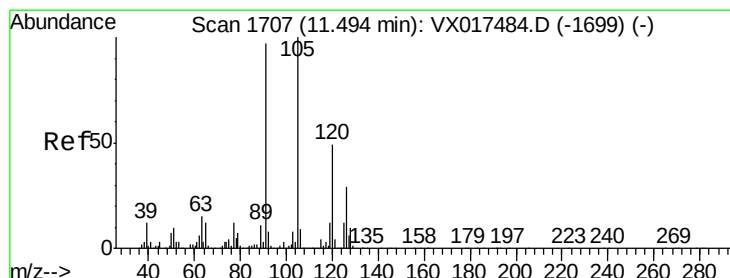
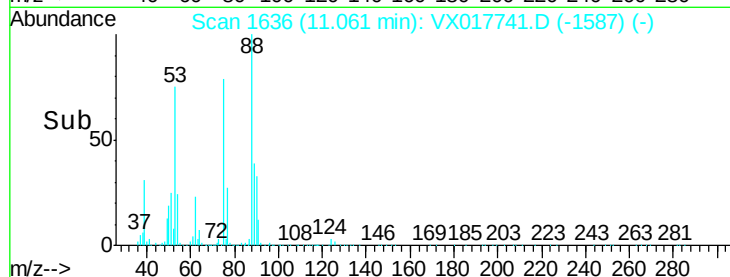
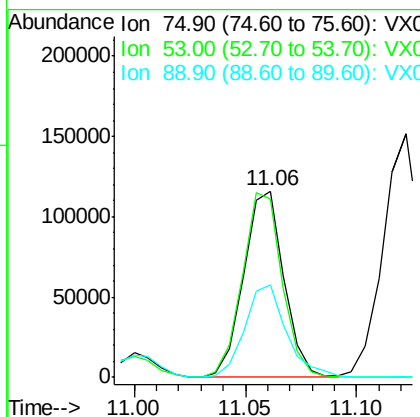
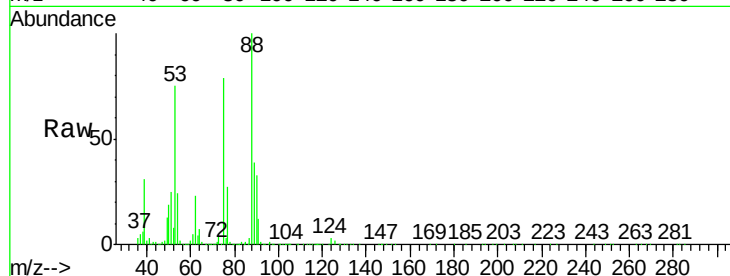
#81
trans-1,4-Dichloro-2-butene
Concen: 46.084 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	75.9	113.9
89	51.6	37.8	56.6

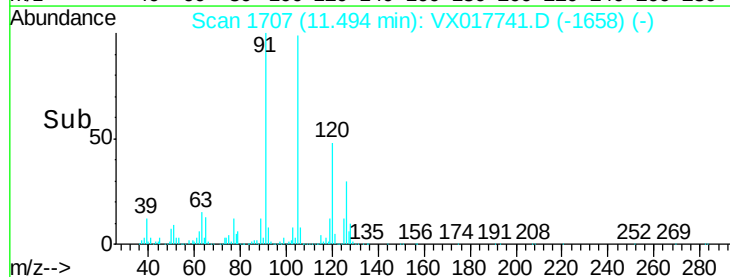
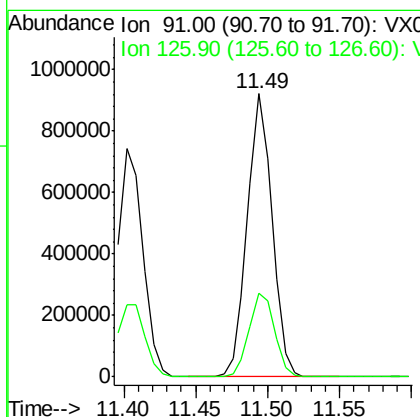
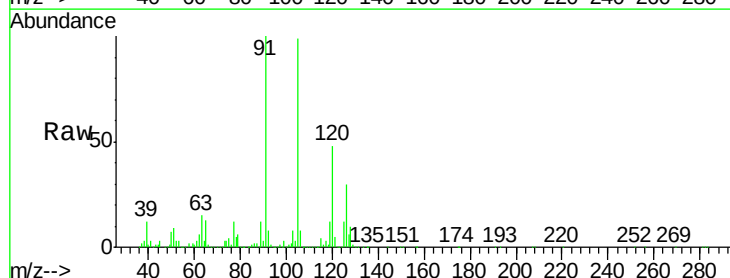
Manual Integrations
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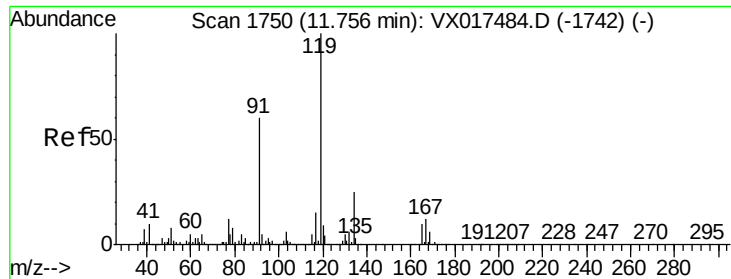
MMDadoda
8/4/2020 9:51:04 AM



#82
4-Chlorotoluene
Concen: 50.095 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





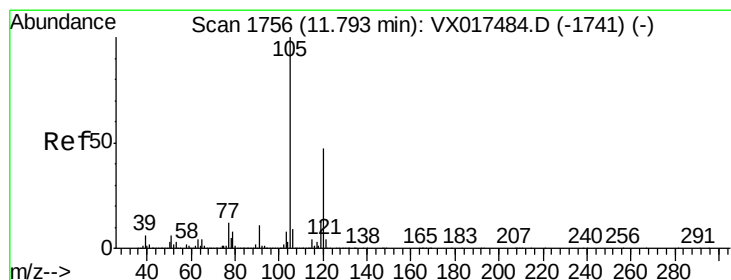
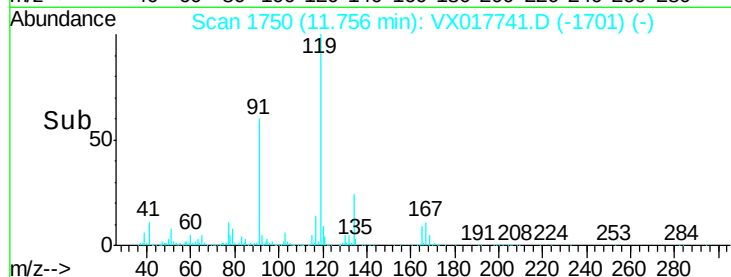
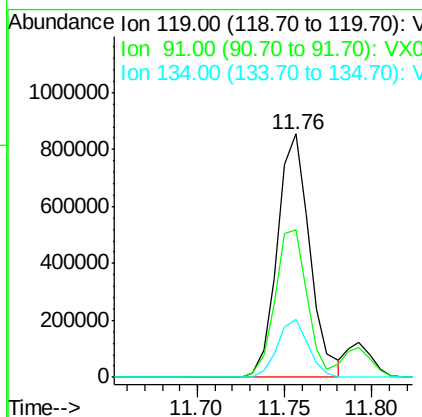
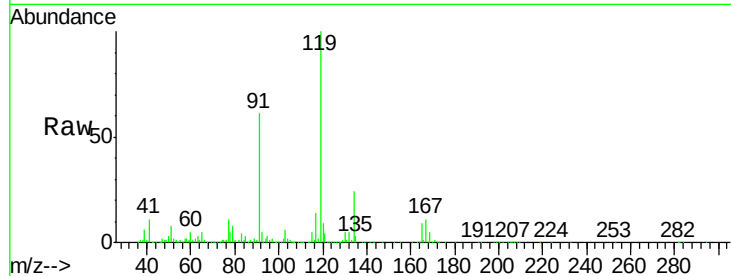
#83
 tert-Butylbenzene
 Concen: 50.830 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.3	88.0
134	22.6	11.2	33.6

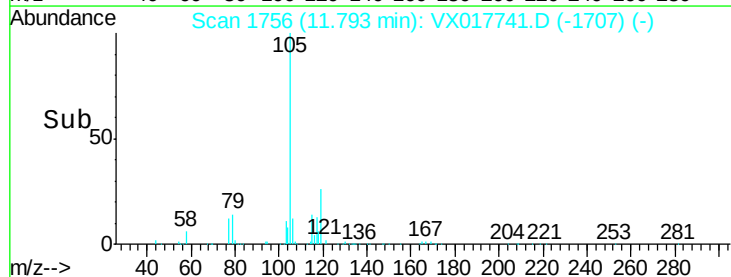
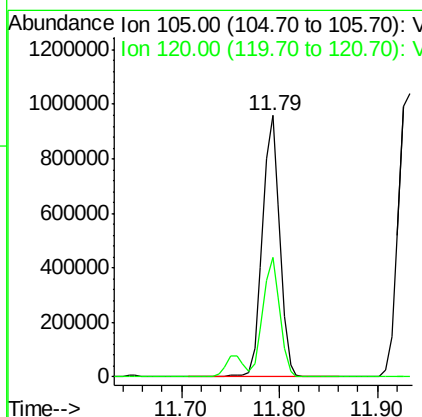
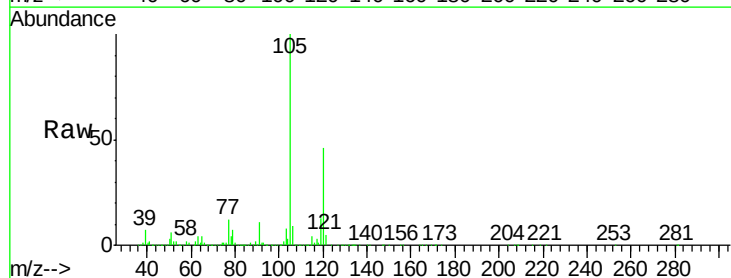
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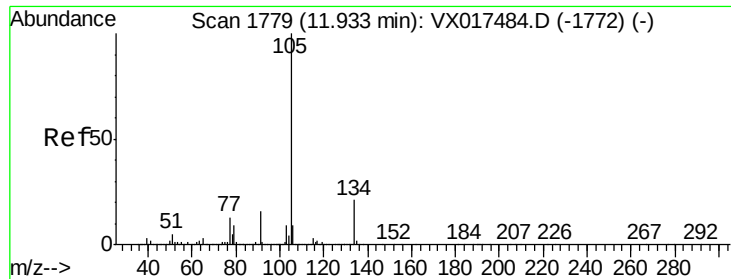
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.018 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.7	68.0





#85

sec-Butylbenzene

Concen: 51.017 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1291902

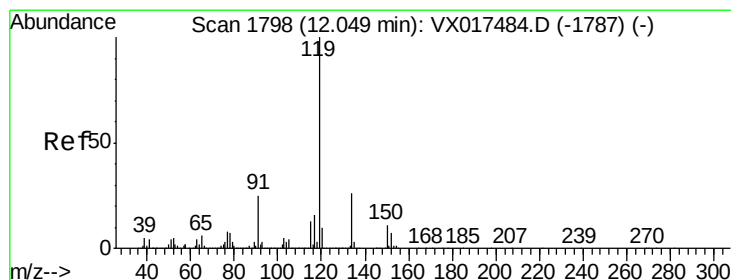
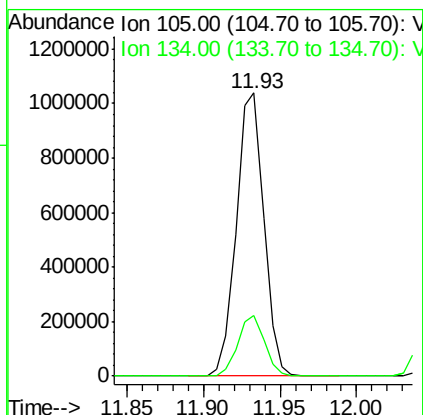
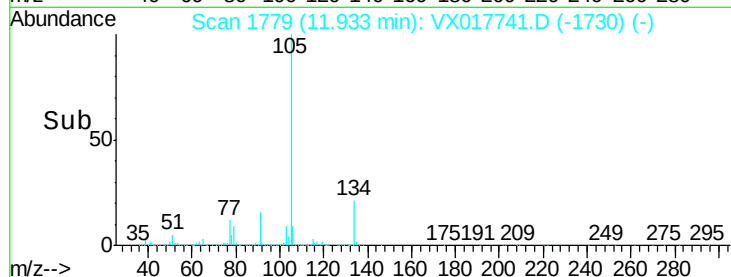
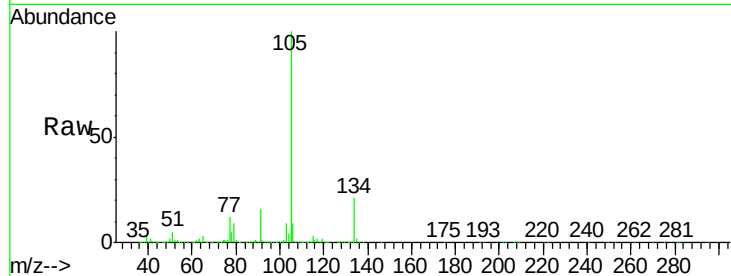
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 53.177 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

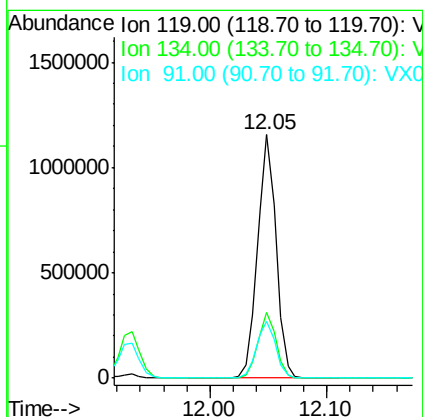
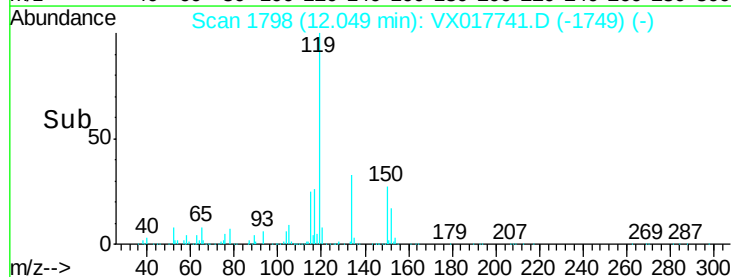
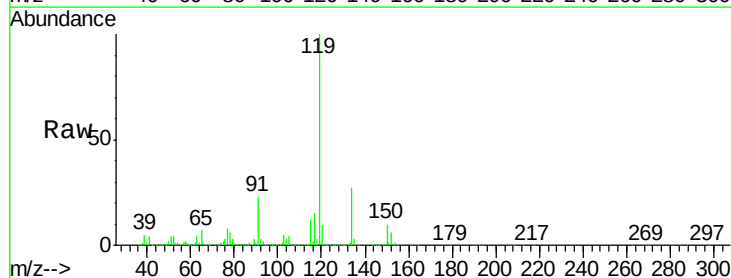
Tgt Ion:119 Resp: 1282367

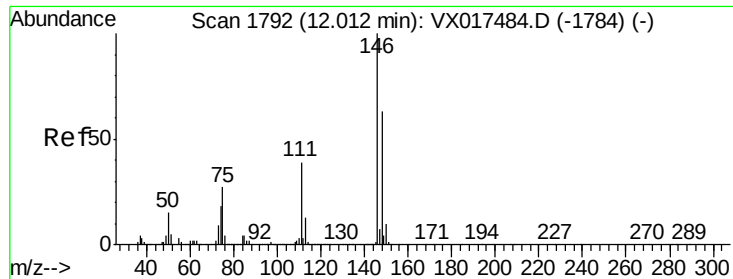
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.1 12.1 36.3





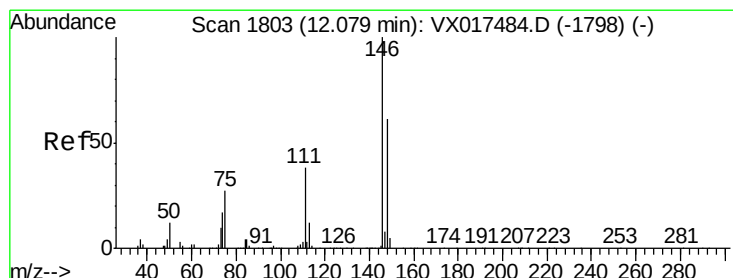
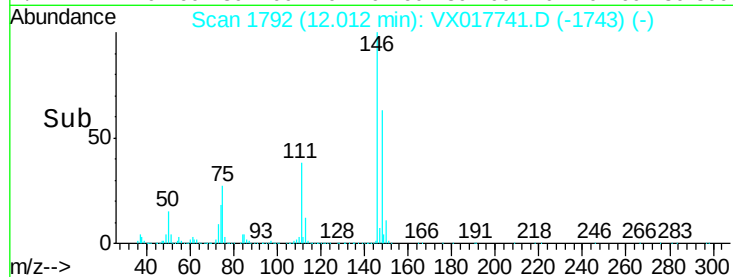
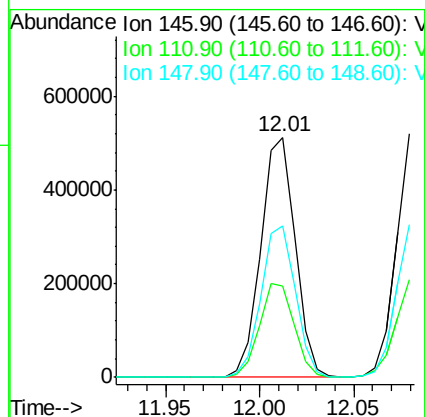
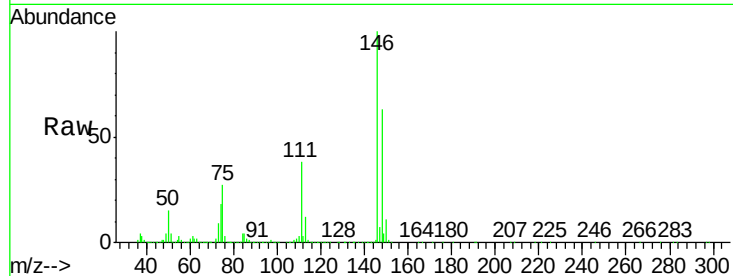
#87
 1,3-Dichlorobenzene
 Concen: 50.670 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	648150		
111	39.8	19.9	59.7	
148	63.4	31.6	95.0	

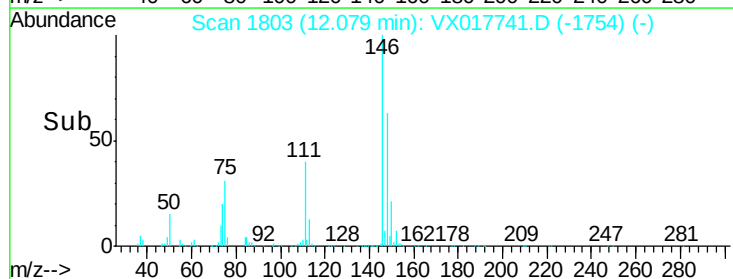
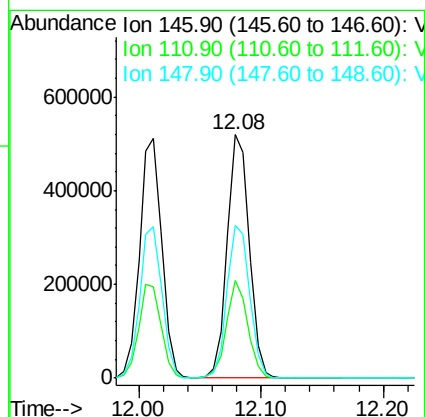
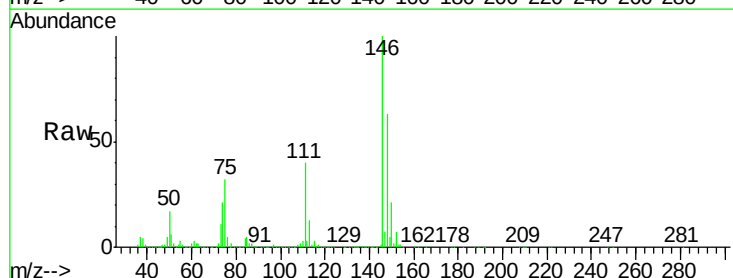
Manual Integrations
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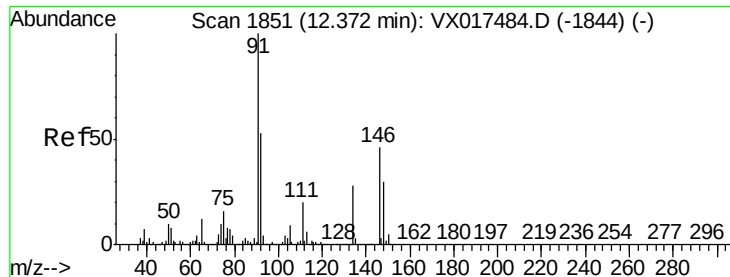
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#88
 1,4-Dichlorobenzene
 Concen: 48.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	647217		
111	38.7	19.3	57.8	
148	64.2	32.2	96.6	





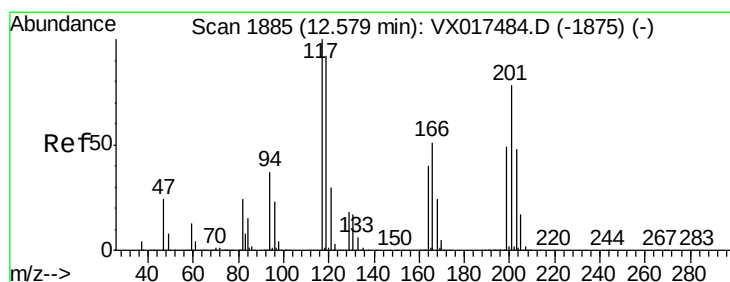
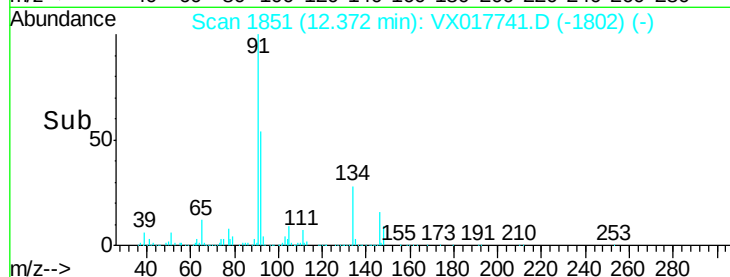
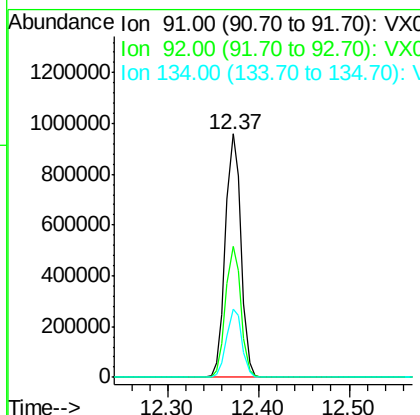
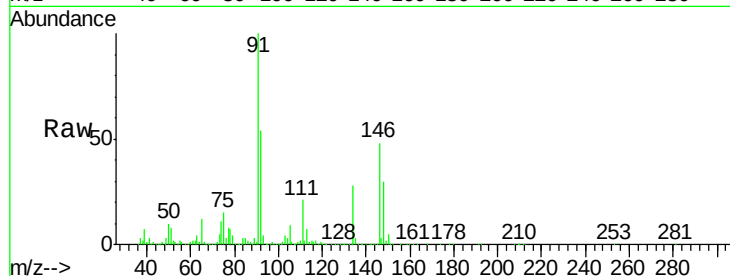
#89
n-Butylbenzene
Concen: 53.239 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.1
134	27.6	13.6	40.7

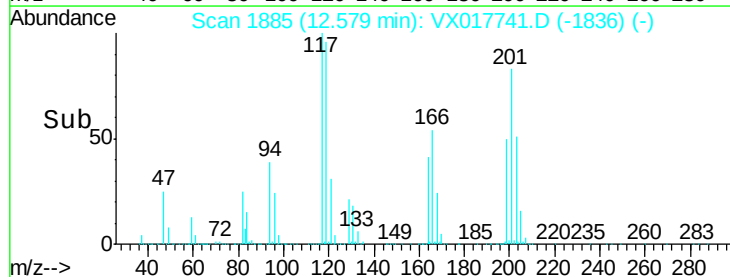
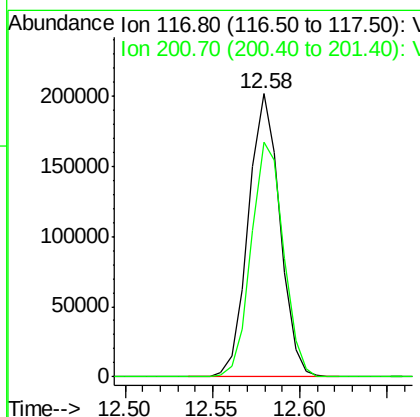
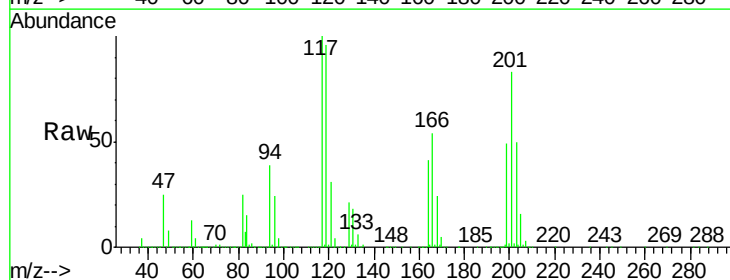
Manual Integrations
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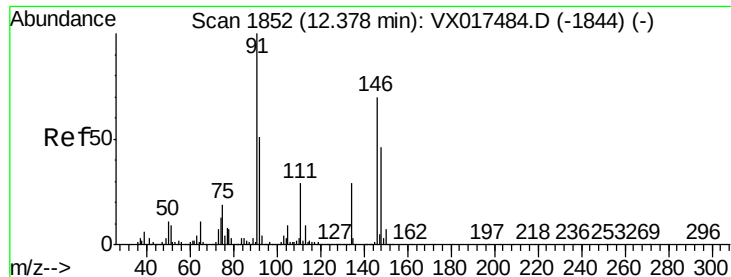
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#90
Hexachloroethane
Concen: 53.088 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017741.D
Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	42.2	126.6





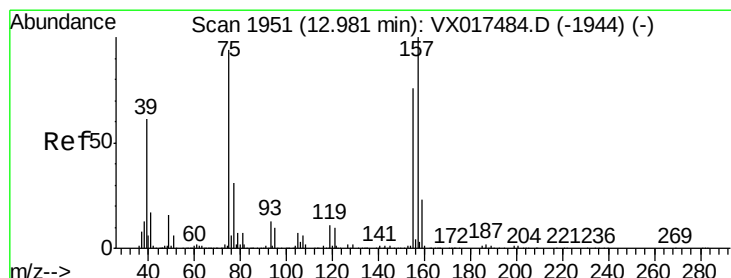
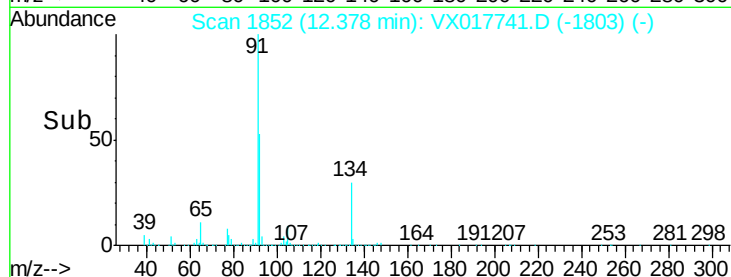
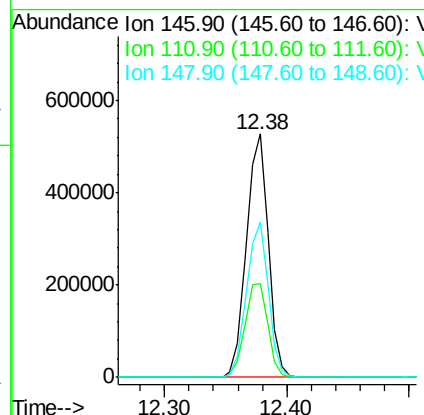
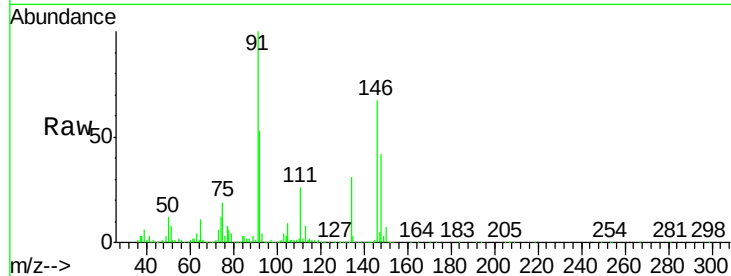
#91
 1,2-Dichlorobenzene
 Concen: 51.527 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.9	62.8
148	63.9	32.8	98.4

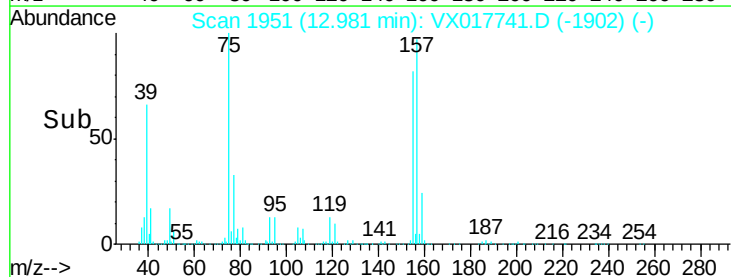
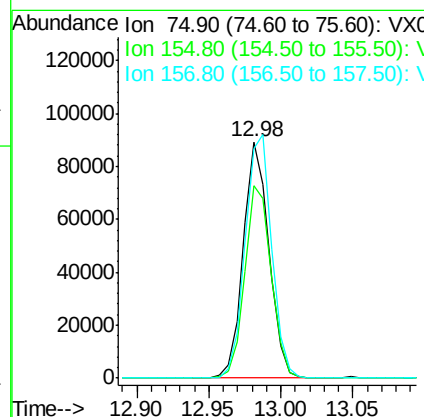
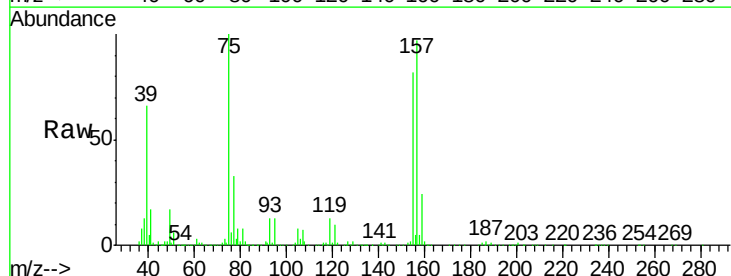
Manual Integrations
 APPROVED

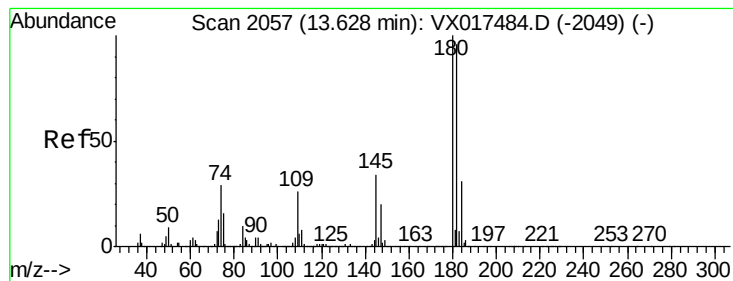
MMDadoda
 8/4/2020 9:51:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.894 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017741.D
 Acq: 03 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	42.3	126.8
157	106.7	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 56.788 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

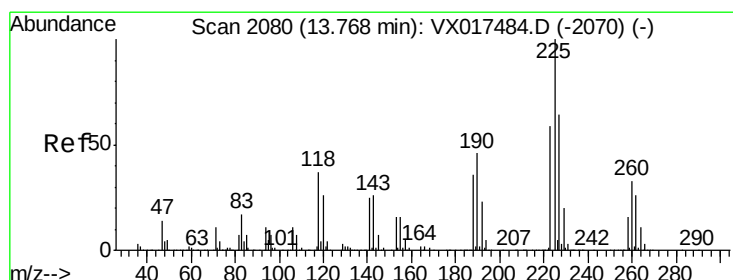
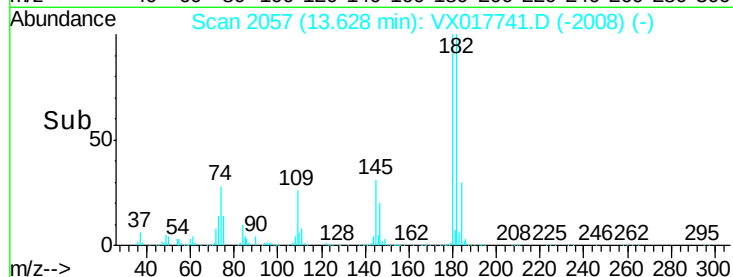
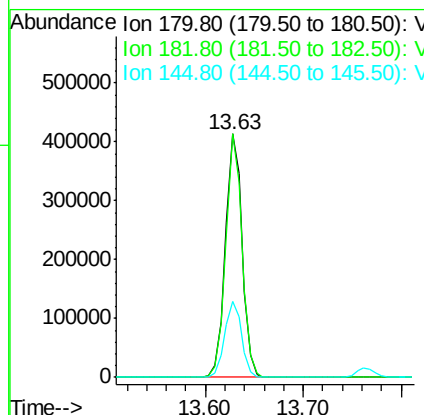
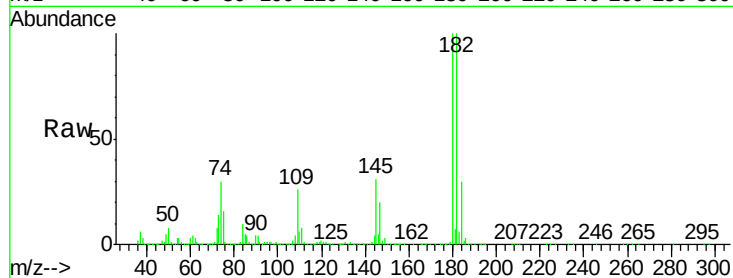
ClientSampled :

VSTDCCC050

Tot Ion:	180	Resp:	487254
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.5	142.6
145	31.6	15.4	46.4

Manual Integrations
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8/4/2020 9:51:04 AM



#94

Hexachlorobutadiene

Concen: 57.580 ug/l

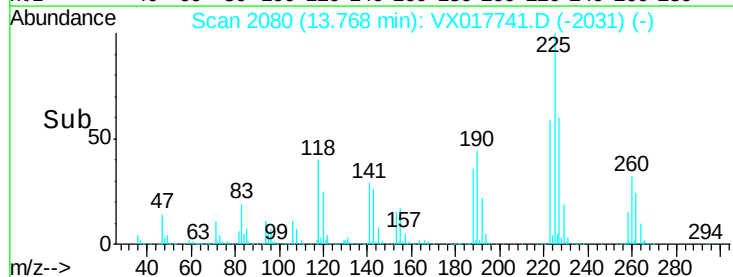
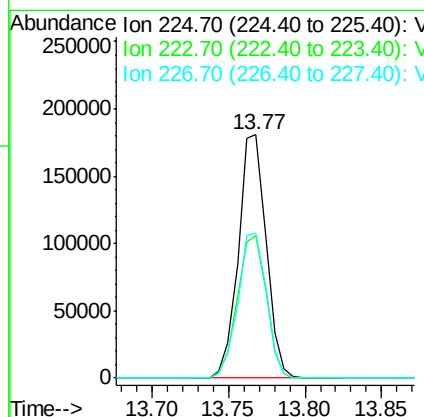
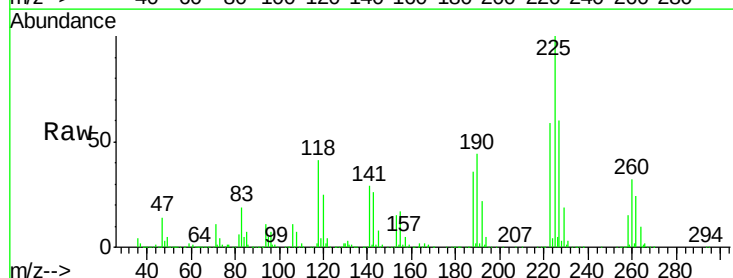
RT: 13.77 min Scan# 2080

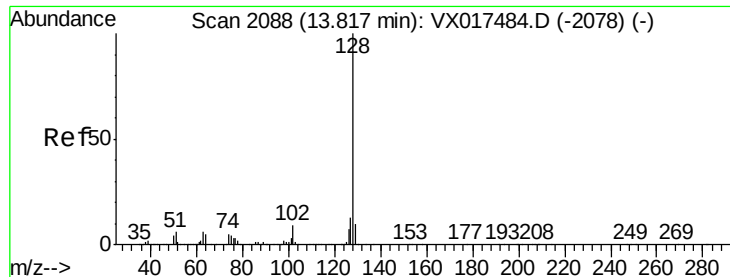
Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Tgt Ion:	225	Resp:	227418
Ion Ratio	Lower	Upper	
225	100		
223	60.9	30.3	90.9
227	61.5	31.1	93.2





#95

Naphthalene

Concen: 57.665 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1476996

Ion Ratio Lower Upper

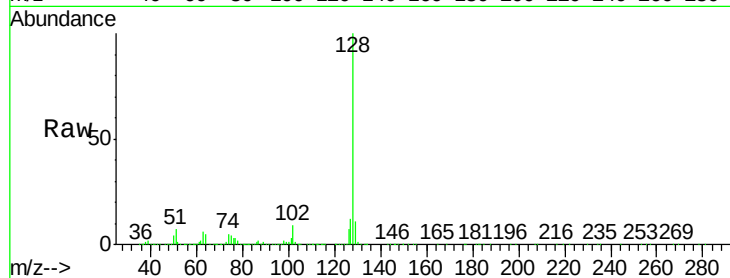
128 100

127 12.9 10.4 15.6

129 10.8 8.9 13.3

Manual Integrations
APPROVED

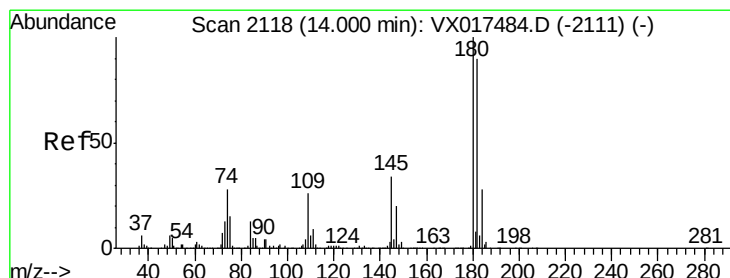
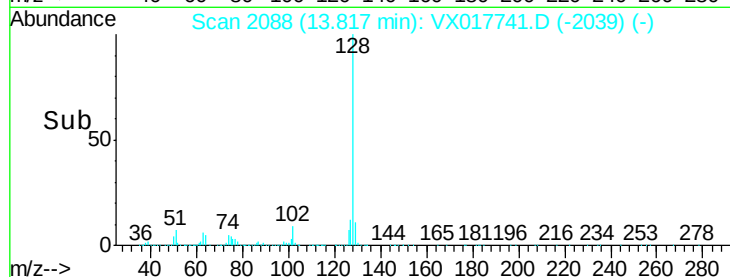
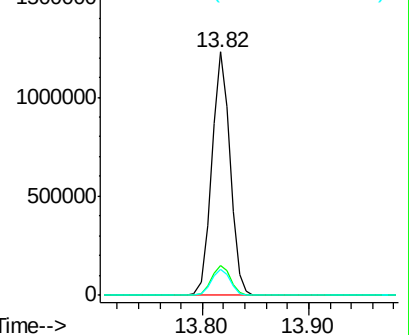
MMDadoda
8/4/2020 9:51:04 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.849 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017741.D

Acq: 03 Aug 2020 12:54

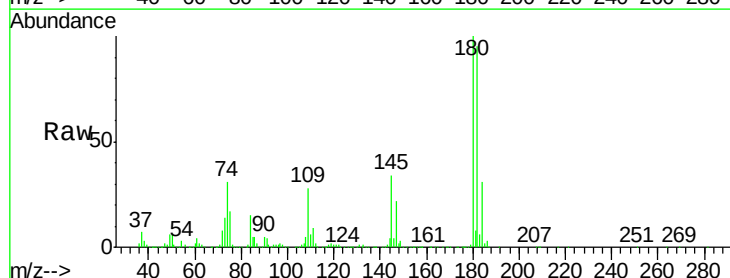
Tgt Ion:180 Resp: 481622

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 32.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

