

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015855.D
 Acq On : 22 Apr 2020 20:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:11 PM

Quant Time: Apr 23 07:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	885109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1352917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1292647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	683187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	526880	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.47	113	398926	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	8.70	98	1610825	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	662608	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	419381	55.354	ug/l	99
3) Chloromethane	1.31	50	395176	50.929	ug/l	99
4) Vinyl Chloride	1.39	62	434016	48.324	ug/l	100
5) Bromomethane	1.62	94	161380	53.574	ug/l	100
6) Chloroethane	1.71	64	251969	49.232	ug/l	99
7) Trichlorofluoromethane	1.92	101	570652	51.210	ug/l	98
8) Diethyl Ether	2.17	74	218457	48.343	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	367495	48.616	ug/l	99
10) Methyl Iodide	2.49	142	435377	46.619	ug/l	99
11) Tert butyl alcohol	3.01	59	513598	249.703	ug/l	100
12) 1,1-Dichloroethene	2.36	96	382551	49.346	ug/l	99
13) Acrolein	2.27	56	288729	237.242	ug/l	99
14) Allyl chloride	2.71	41	814168	49.422	ug/l	98
15) Acrylonitrile	3.12	53	1219122	255.355	ug/l	100
16) Acetone	2.42	43	1000190	228.179	ug/l	99
17) Carbon Disulfide	2.55	76	1000447	35.536	ug/l	99
18) Methyl Acetate	2.75	43	695651	48.073	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1413204	51.636	ug/l	99
20) Methylene Chloride	2.84	84	437581	49.175	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	422794	49.153	ug/l	98
22) Diisopropyl ether	3.83	45	1523657	51.315	ug/l	93
23) Vinyl Acetate	3.79	43	6247094	254.208	ug/l	100
24) 1,1-Dichloroethane	3.67	63	785384	50.748	ug/l	99
25) 2-Butanone	4.64	43	1734297	250.321	ug/l	99
26) 2,2-Dichloropropane	4.56	77	656260	47.471	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	499395	51.140	ug/l	97
28) Bromochloromethane	4.99	49	372490	45.870	ug/l #	98
29) Tetrahydrofuran	5.09	42	1138556	248.452	ug/l	99
30) Chloroform	5.18	83	775456	49.802	ug/l	96
31) Cyclohexane	5.55	56	732823	49.825	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	712244	51.303	ug/l	100
36) 1,1-Dichloropropene	5.78	75	597103	49.784	ug/l	100
37) Ethyl Acetate	4.80	43	688054	48.202	ug/l	99
38) Carbon Tetrachloride	5.76	117	605042	51.214	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	714733	47.057	ug/l	98
40) Benzene	6.12	78	1772997	49.081	ug/l	100
41) Methacrylonitrile	5.00	41	400718	50.520	ug/l	100
42) 1,2-Dichloroethane	6.17	62	635636	48.865	ug/l	99
43) Isopropyl Acetate	6.42	43	1186262	49.267	ug/l	99
44) Trichloroethene	7.19	130	610430	48.084	ug/l	98
45) 1,2-Dichloropropane	7.50	63	474577	50.131	ug/l	99
46) Dibromomethane	7.64	93	329790	47.722	ug/l	97
47) Bromodichloromethane	7.88	83	620894	50.504	ug/l	99
48) Methyl methacrylate	7.75	41	590408	49.848	ug/l	99
49) 1,4-Dioxane	7.72	88	207507	927.033	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3455471	248.626	ug/l	100
52) Toluene	8.76	92	1140162	49.241	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	756297	49.580	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	782711	48.549	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	453768	50.188	ug/l	100
56) Ethyl methacrylate	9.16	69	753324	49.190	ug/l	99
57) 1,3-Dichloropropane	9.36	76	777830	49.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1917479	250.633	ug/l	99
59) 2-Hexanone	9.48	43	2600194	245.584	ug/l	100
60) Dibromochloromethane	9.57	129	490567	52.540	ug/l	96
61) 1,2-Dibromoethane	9.65	107	483154	48.351	ug/l	99
64) Tetrachloroethene	9.32	164	774228	44.436	ug/l	96
65) Chlorobenzene	10.12	112	1220332	47.210	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	482620	49.949	ug/l	99
67) Ethyl Benzene	10.24	91	2175246	47.921	ug/l	99
68) m/p-Xylenes	10.34	106	1634832	95.951	ug/l	99
69) o-Xylene	10.68	106	814258	48.565	ug/l	99
70) Styrene	10.70	104	1434160	49.401	ug/l	99
71) Bromoform	10.84	173	340223	54.036	ug/l	96
73) Isopropylbenzene	11.00	105	2160773	49.800	ug/l	99
74) N-amyl acetate	10.88	43	1084614	48.421	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	463364	50.461	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	648549m	49.922	ug/l	
77) Bromobenzene	11.24	156	591980	49.934	ug/l	99
78) n-propylbenzene	11.34	91	2458243	49.457	ug/l	99
79) 2-Chlorotoluene	11.40	91	1483657	49.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1836841	49.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	257727	47.722	ug/l	99
82) 4-Chlorotoluene	11.50	91	1755218	49.473	ug/l	98
83) tert-Butylbenzene	11.76	119	1615390	49.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1877676	48.885	ug/l	99
85) sec-Butylbenzene	11.93	105	2129588	49.226	ug/l	100
86) p-Isopropyltoluene	12.05	119	1978855	48.918	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1028402	47.256	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1022523	46.938	ug/l	97
89) n-Butylbenzene	12.37	91	1705080	47.144	ug/l	98
90) Hexachloroethane	12.58	117	269935	63.166	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	985855	47.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	136455	50.109	ug/l	97

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ClientSampleId :
VSTDCCC050EC

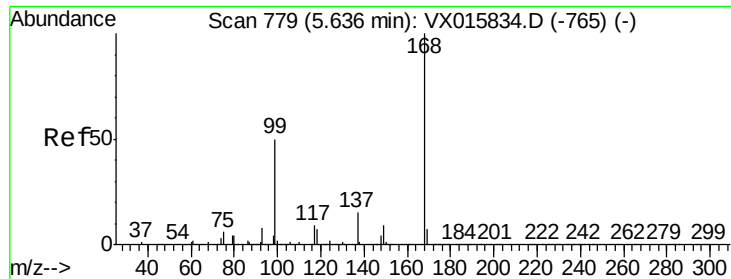
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	793996	48.822	ug/l	96
94) Hexachlorobutadiene	13.77	225	363863	49.901	ug/l	94
95) Naphthalene	13.82	128	2261126	48.326	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	770496	48.561	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 885109

Ion Ratio Lower Upper

168 100

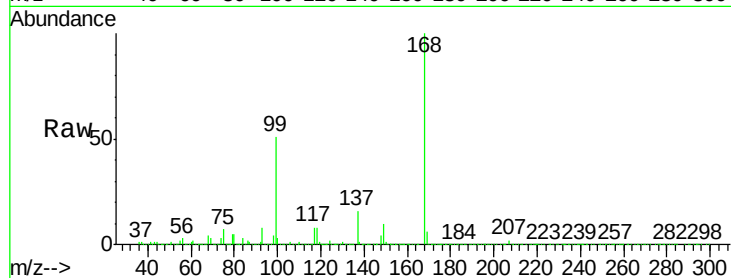
99 50.3 40.3 60.5

Manual Integrations

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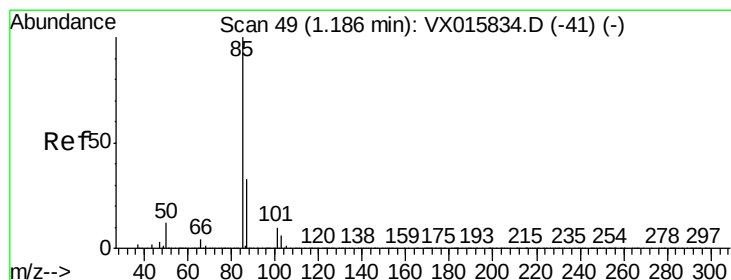
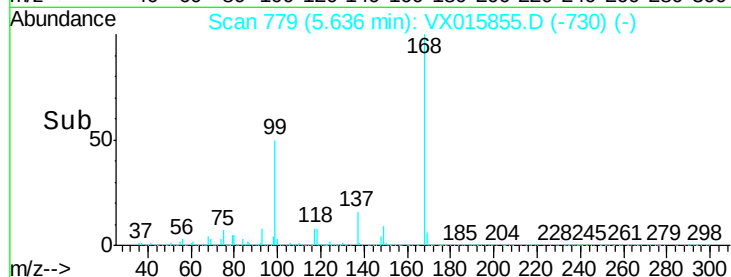
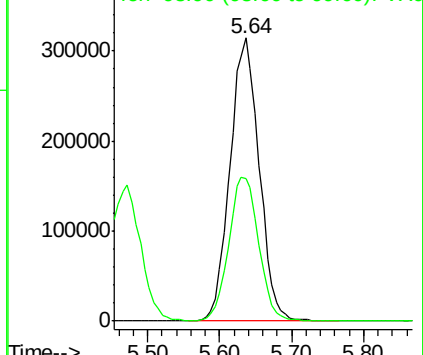
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.354 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015855.D

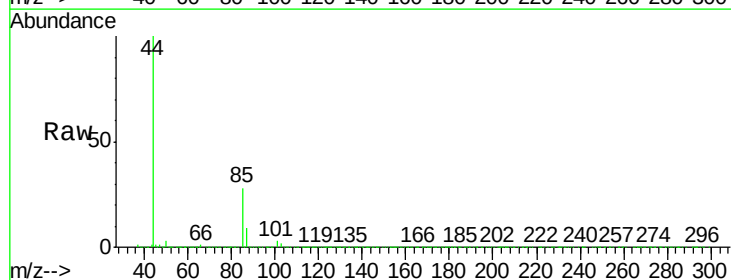
Acq: 22 Apr 2020 20:25

Tgt Ion: 85 Resp: 419381

Ion Ratio Lower Upper

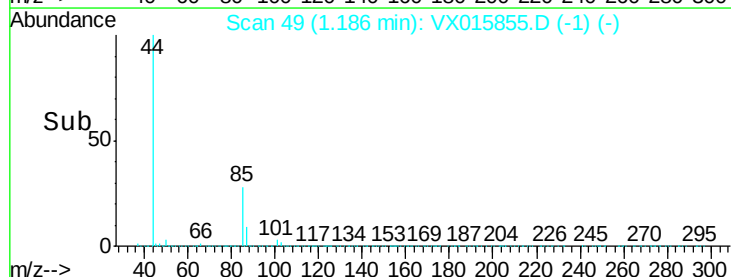
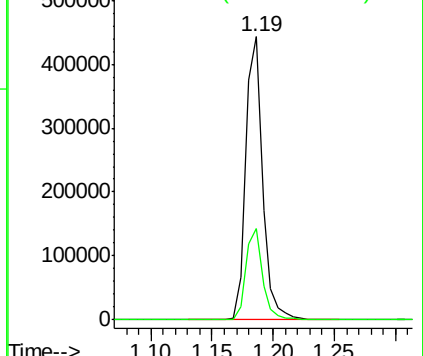
85 100

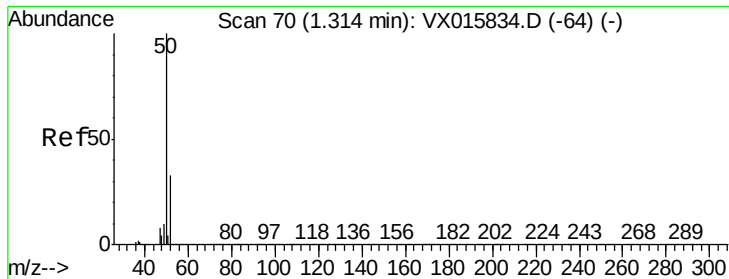
87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.929 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 395176

Ion Ratio Lower Upper

50 100

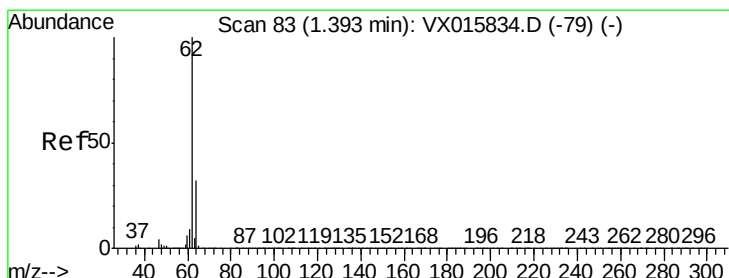
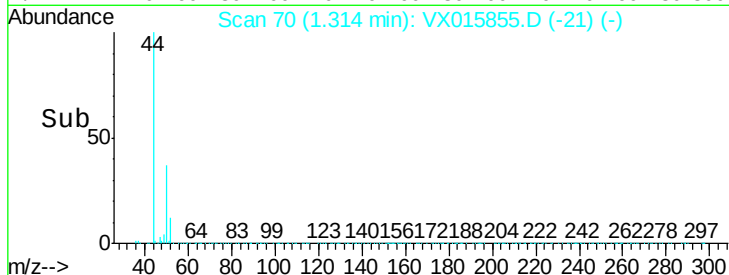
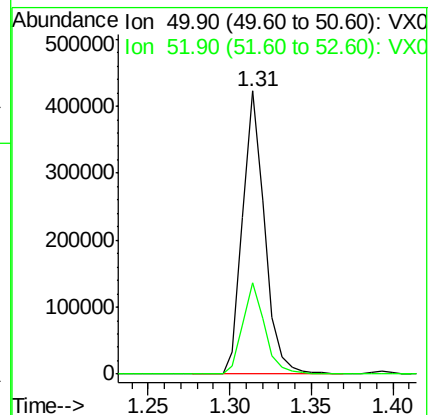
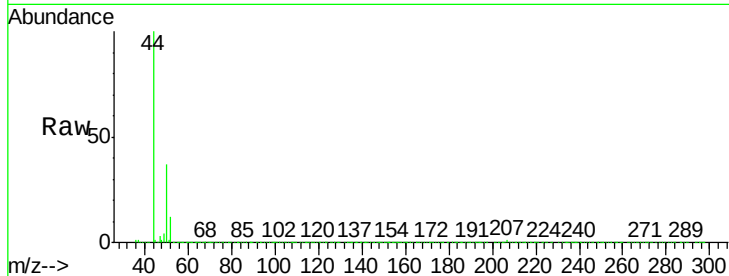
52 32.4 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.324 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015855.D

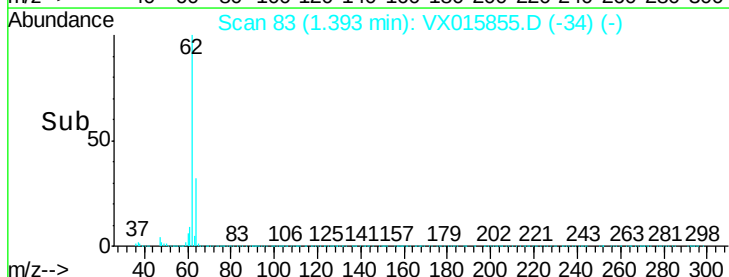
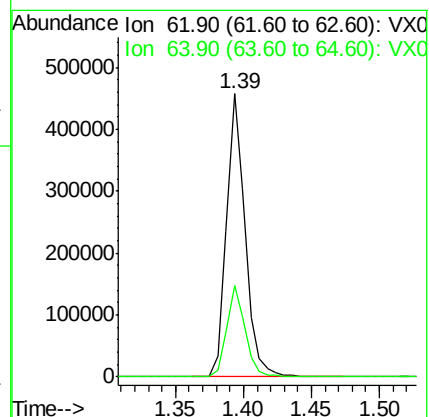
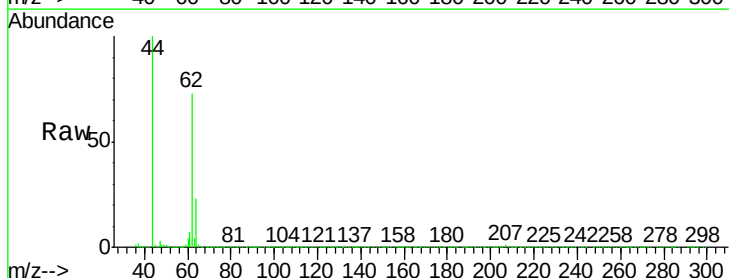
Acq: 22 Apr 2020 20:25

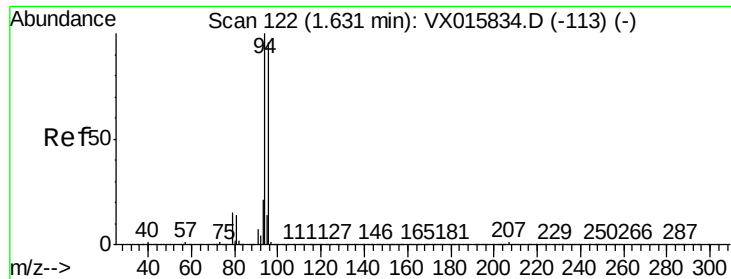
Tgt Ion: 62 Resp: 434016

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 53.574 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tot Ion: 94 Resp: 161380

Ion Ratio Lower Upper

94 100

96 95.6 76.7 115.1

Instrument :

MSVOA_X

ClientSampleId :

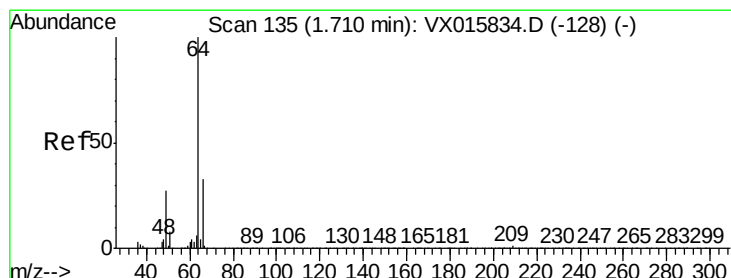
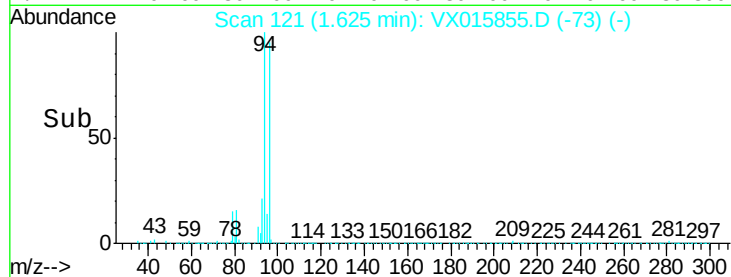
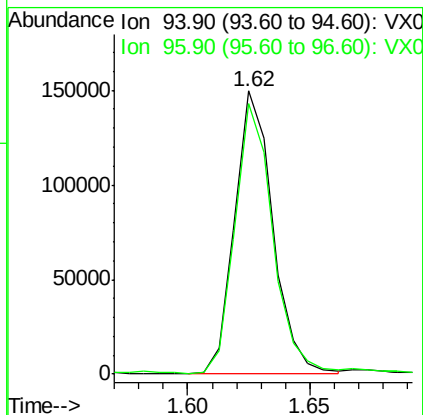
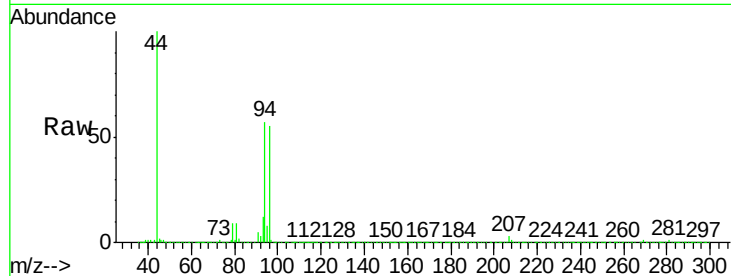
VSTDCCC050EC

Manual Integrations

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#6

Chloroethane

Concen: 49.232 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015855.D

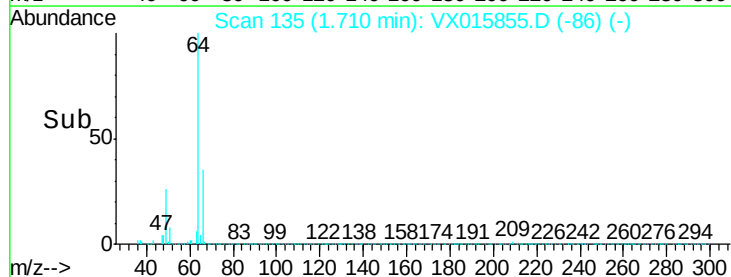
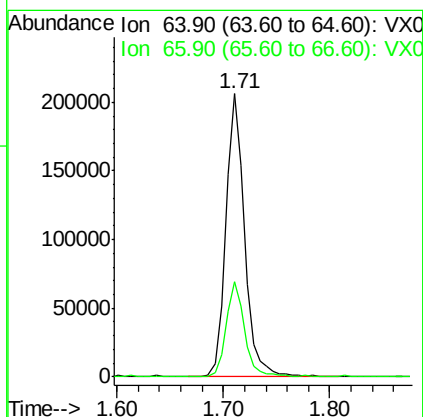
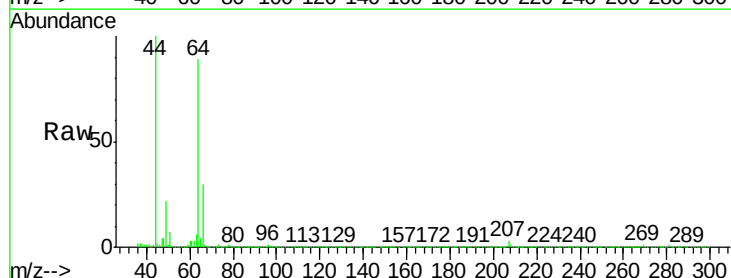
Acq: 22 Apr 2020 20:25

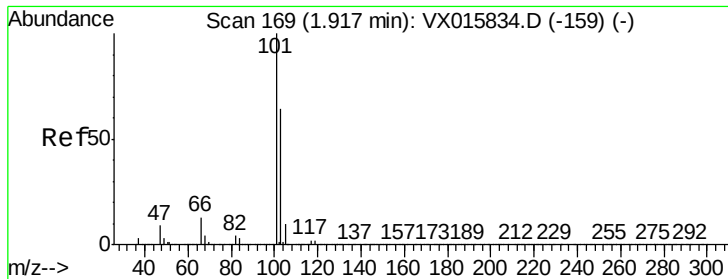
Tgt Ion: 64 Resp: 251969

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.2





#7

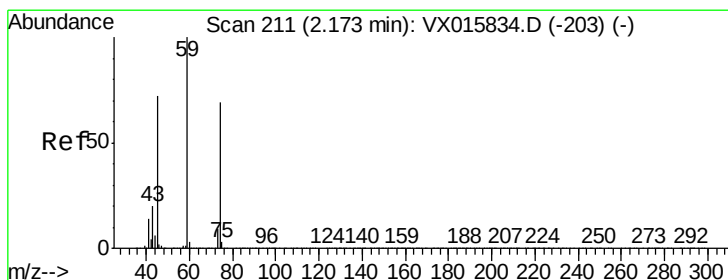
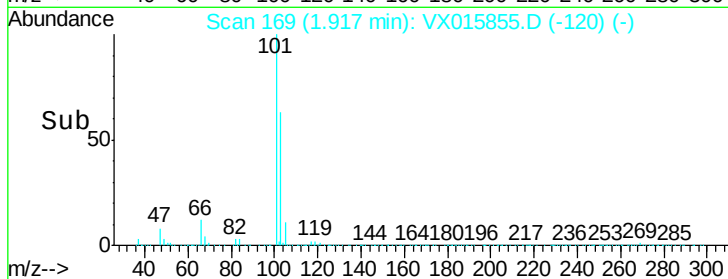
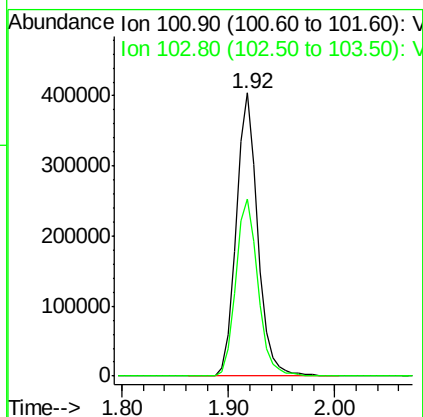
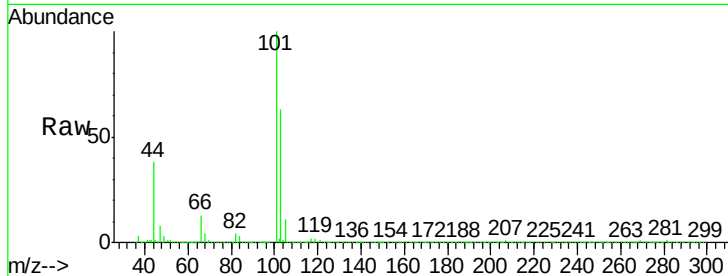
Trichlorofluoromethane
Concen: 51.210 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.4	77.0

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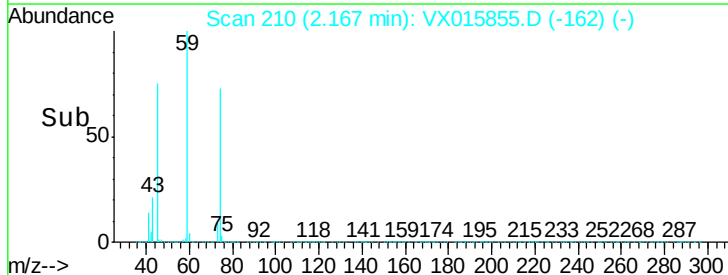
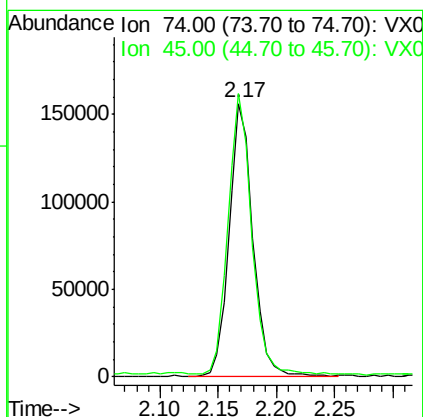
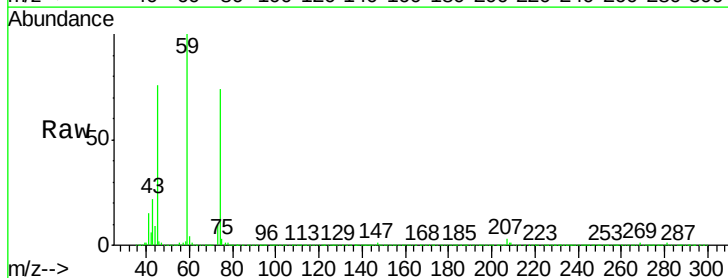
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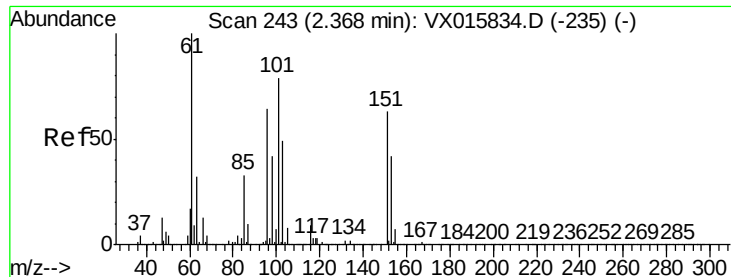


#8

Diethyl Ether
Concen: 48.343 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.616 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

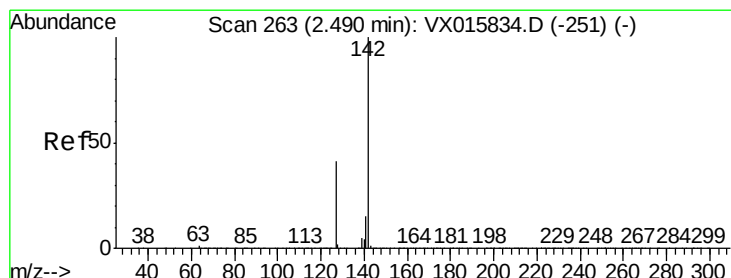
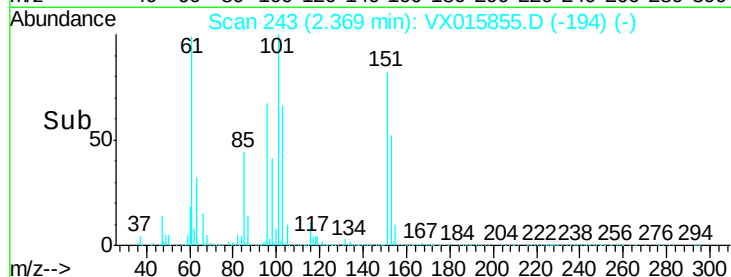
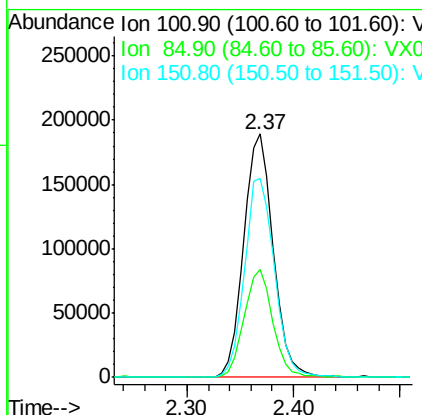
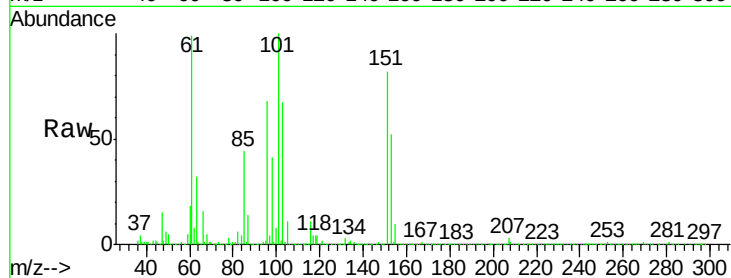
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	367495
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.6
151	83.8	67.8	101.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.619 ug/l

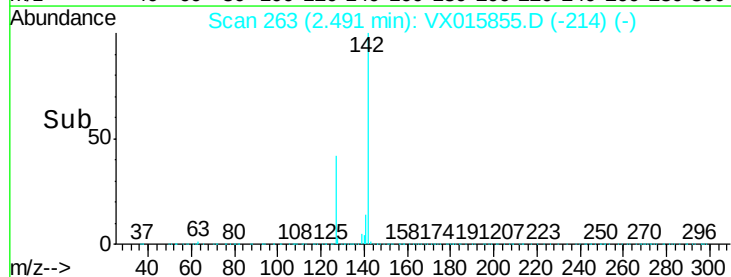
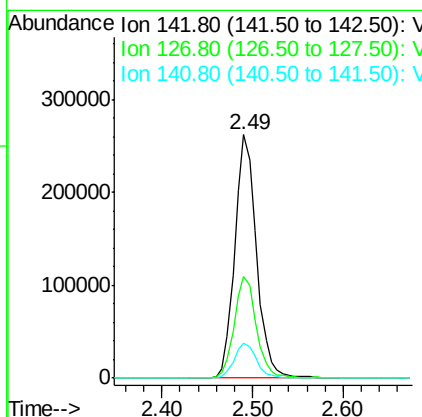
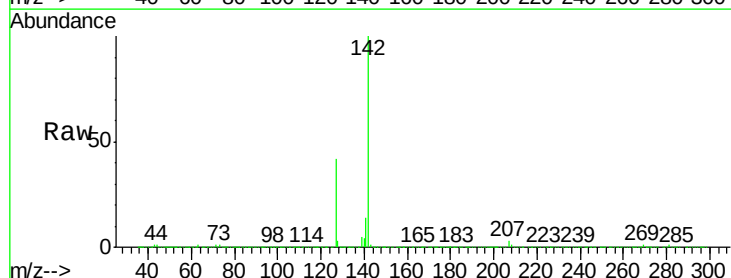
RT: 2.49 min Scan# 263

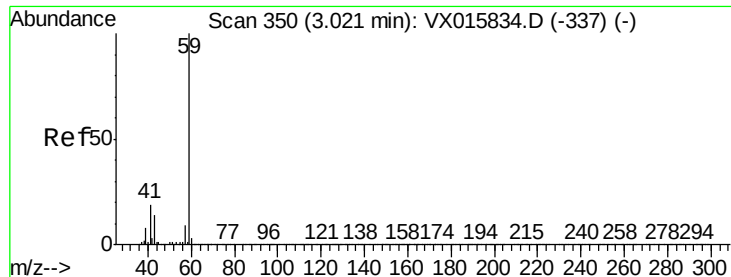
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	142	Resp:	435377
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.3	49.9
141	14.9	11.8	17.6





#11

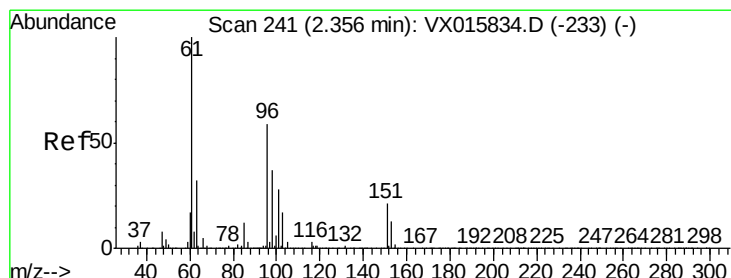
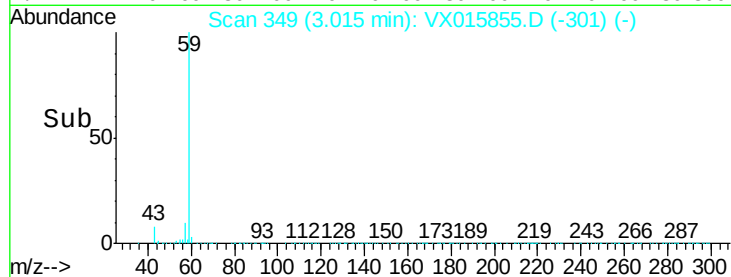
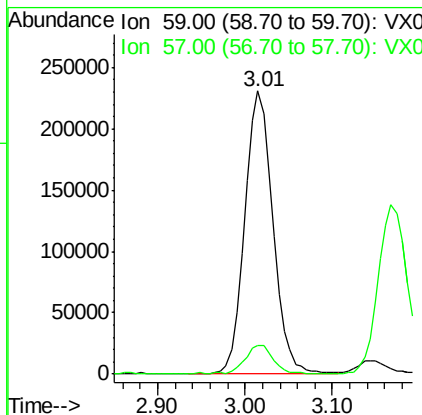
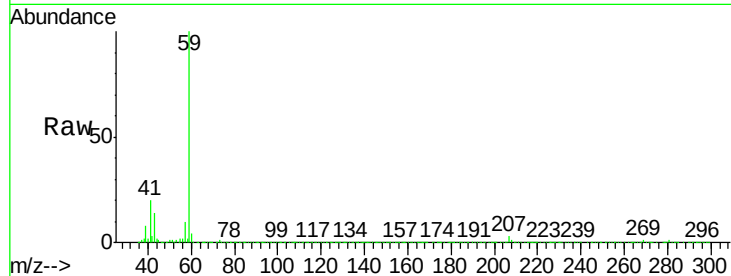
Tert butyl alcohol
Concen: 249.703 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

Manual Integrations
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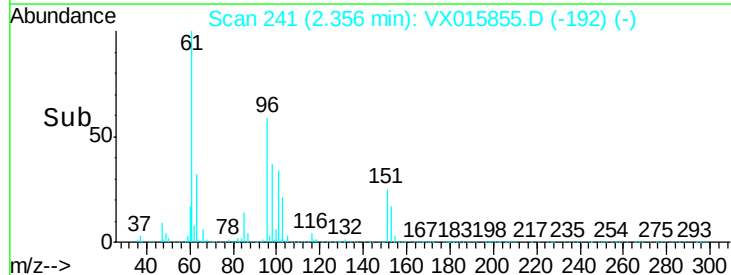
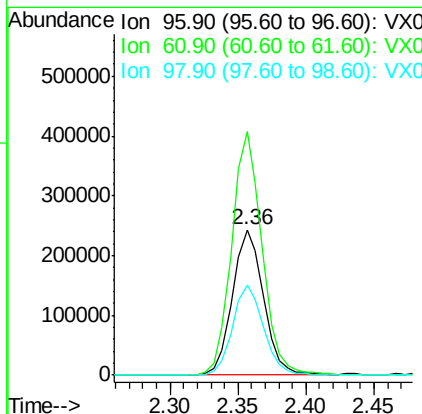
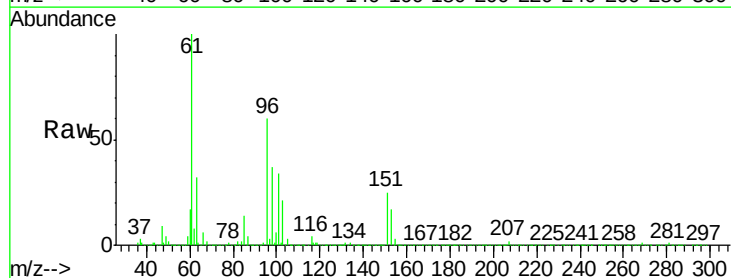
MMDadoda
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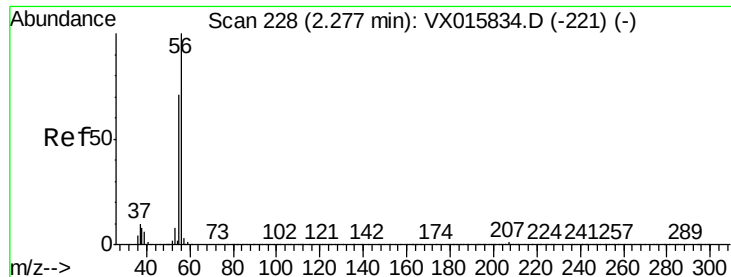


#12

1,1-Dichloroethene
Concen: 49.346 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	135.0	202.6
98	62.3	50.6	76.0





#13

Acrolein

Concen: 237.242 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 288729

Ion Ratio Lower Upper

56 100

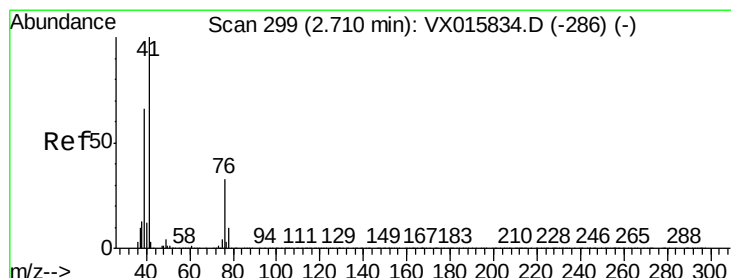
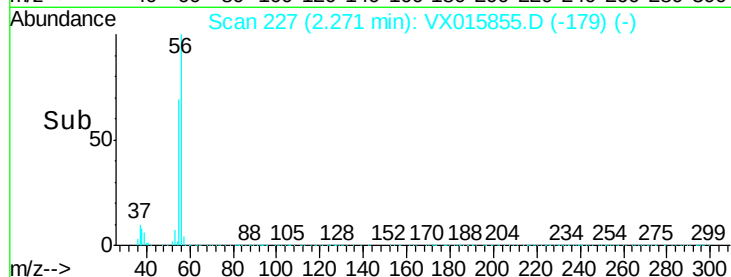
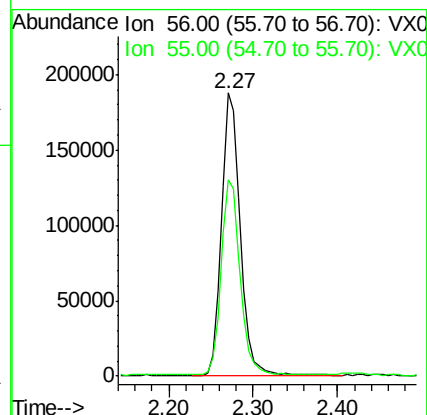
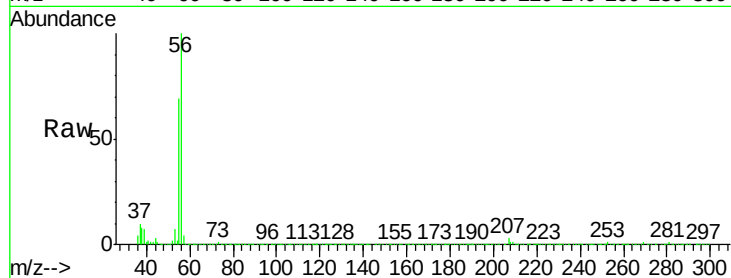
55 69.5 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.422 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

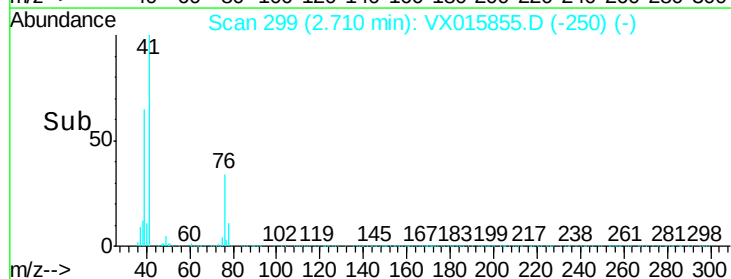
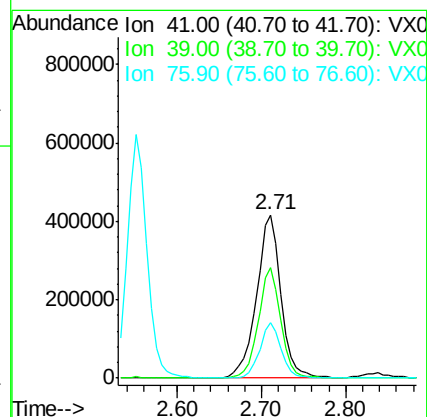
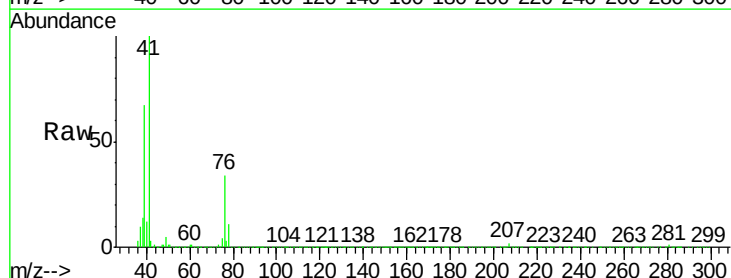
Tgt Ion: 41 Resp: 814168

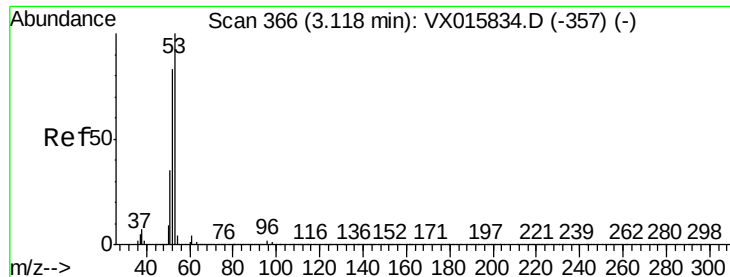
Ion Ratio Lower Upper

41 100

39 62.2 48.4 72.6

76 29.6 23.8 35.8





#15

Acrylonitrile

Concen: 255.355 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

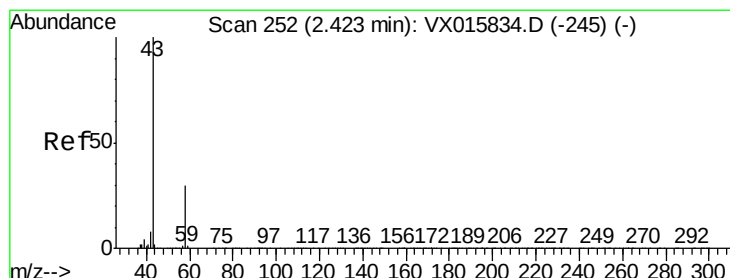
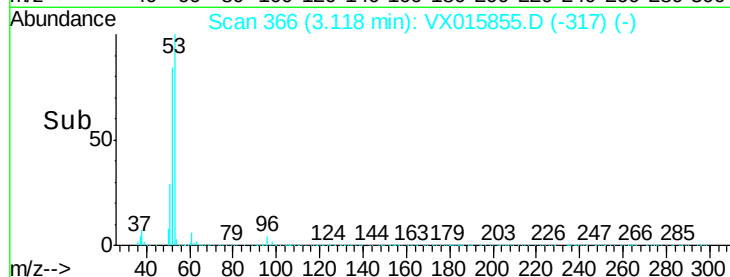
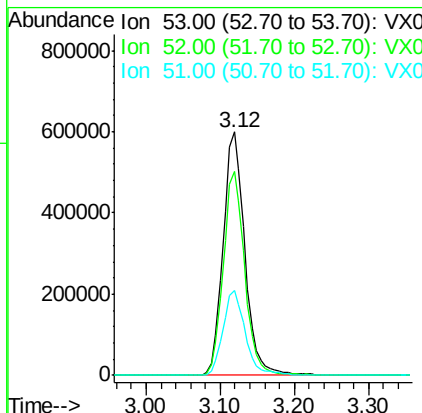
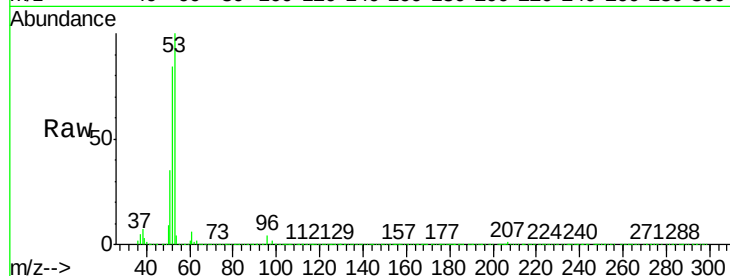
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1219122
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 228.179 ug/l

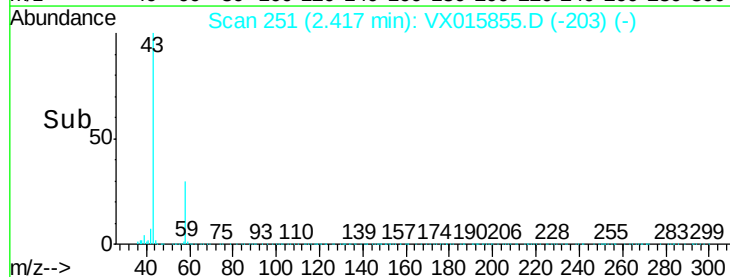
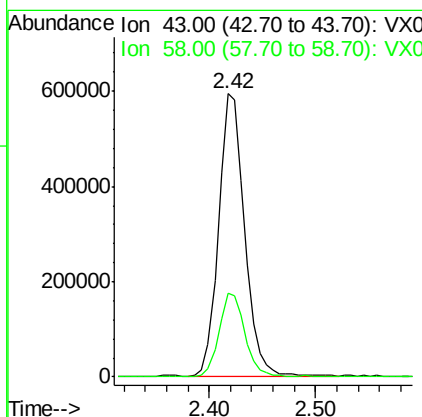
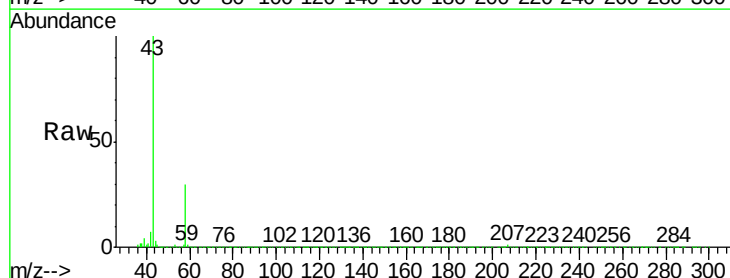
RT: 2.42 min Scan# 251

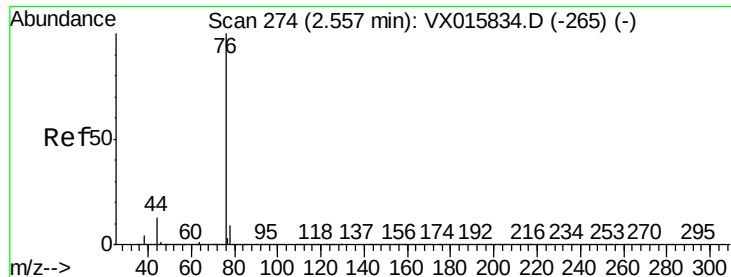
Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	43	Resp:	1000190
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0





#17

Carbon Disulfide

Concen: 35.536 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1000447

Ion Ratio Lower Upper

76 100

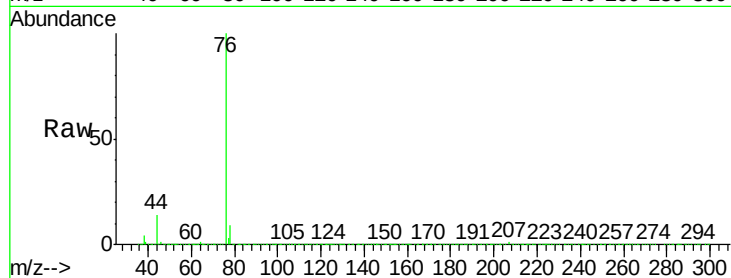
78 8.9 7.4 11.2

Manual Integrations

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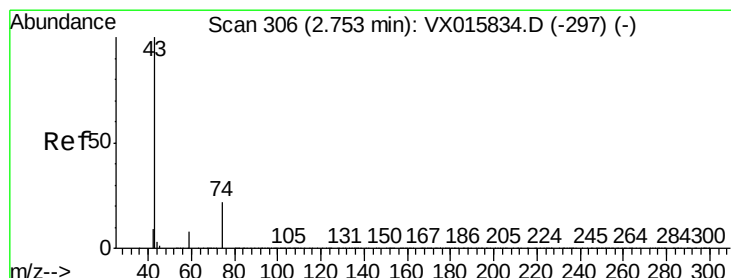
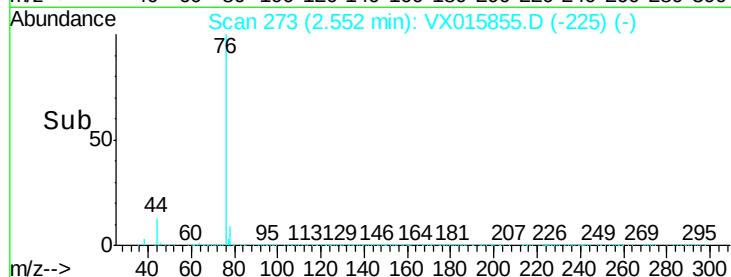
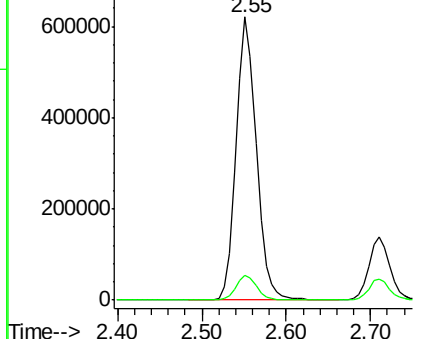
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.073 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015855.D

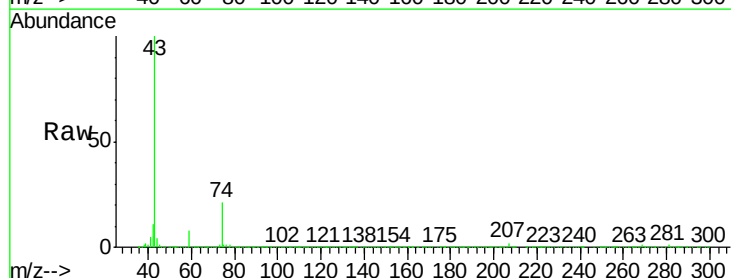
Acq: 22 Apr 2020 20:25

Tgt Ion: 43 Resp: 695651

Ion Ratio Lower Upper

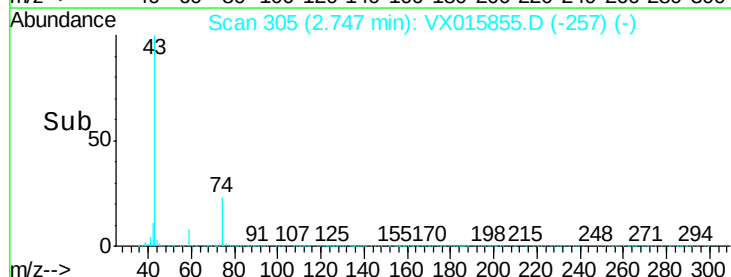
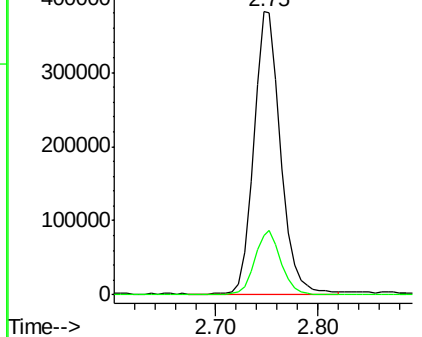
43 100

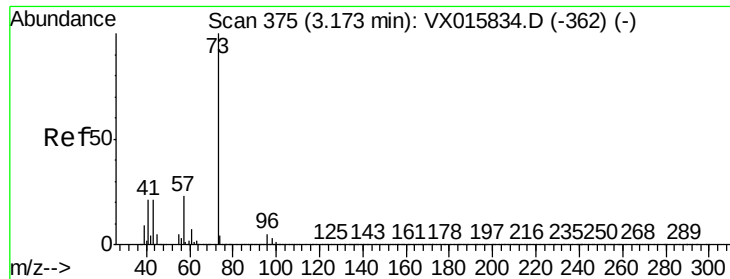
74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





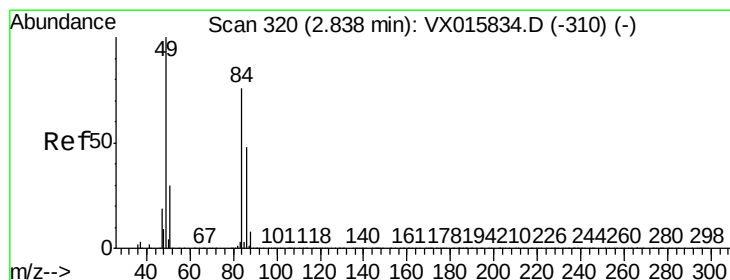
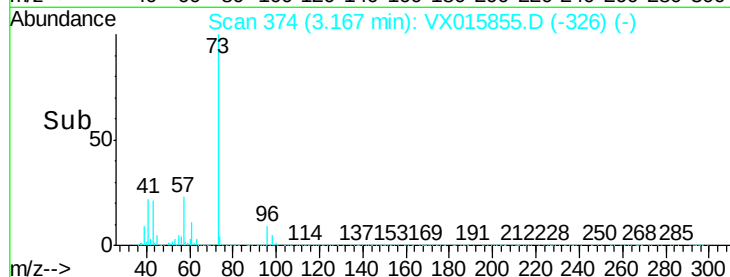
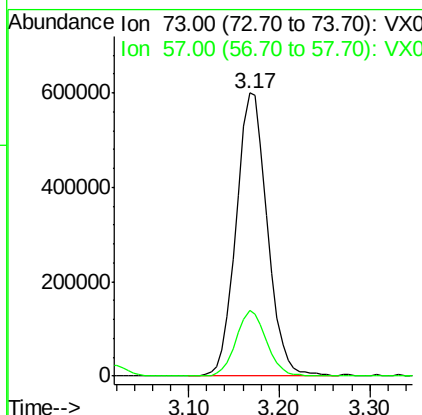
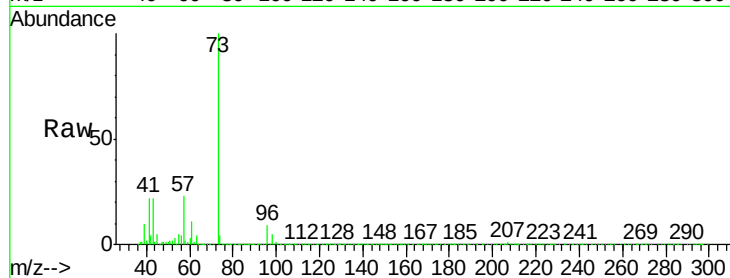
#19
Methyl tert-butyl Ether
Concen: 51.636 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1413204
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1

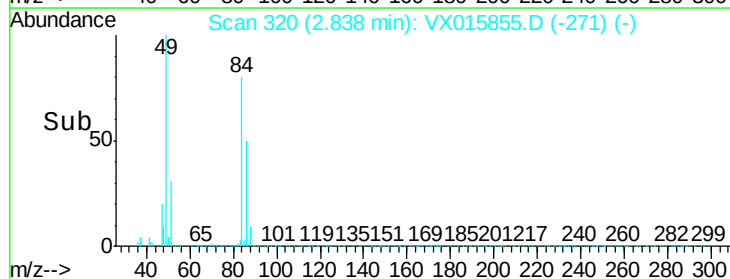
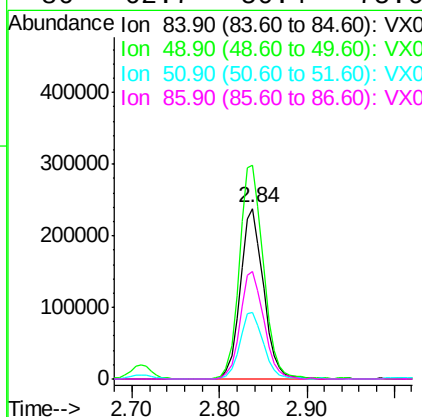
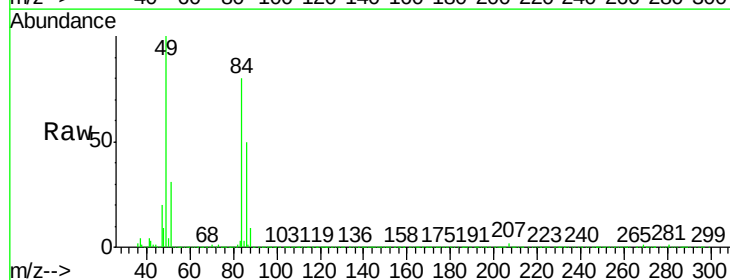
Manual Integrations
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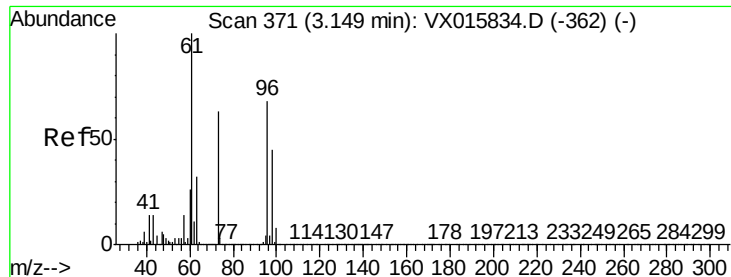
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#20
Methylene Chloride
Concen: 49.175 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 84 Resp: 437581
Ion Ratio Lower Upper
84 100
49 125.2 104.9 157.3
51 39.0 32.0 48.0
86 62.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.153 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

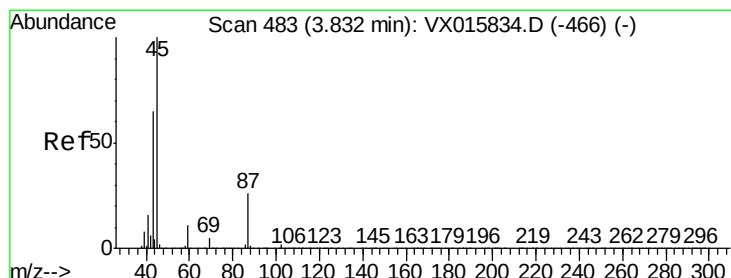
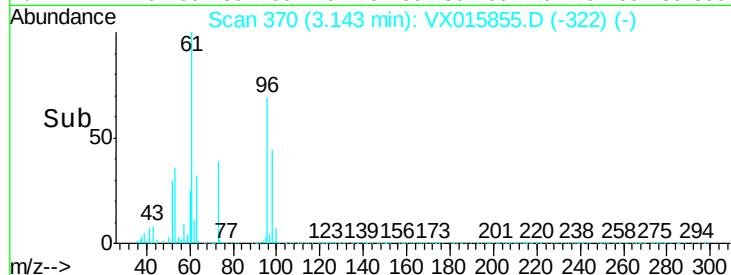
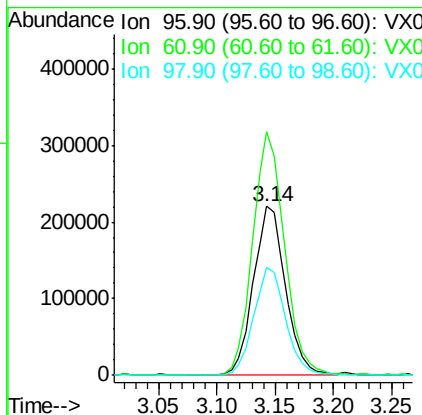
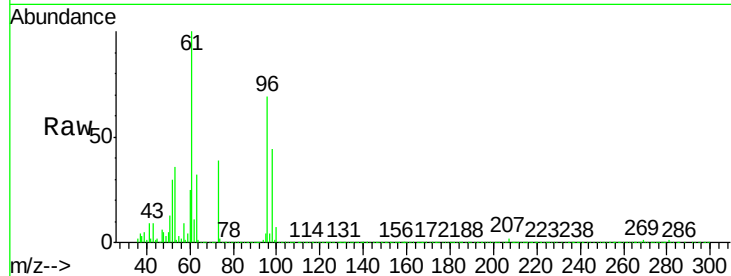
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	422794
Ion	Ratio	Lower	Upper
96	100		
61	144.1	117.5	176.3
98	63.6	52.7	79.1

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#22

Diisopropyl ether

Concen: 51.315 ug/l

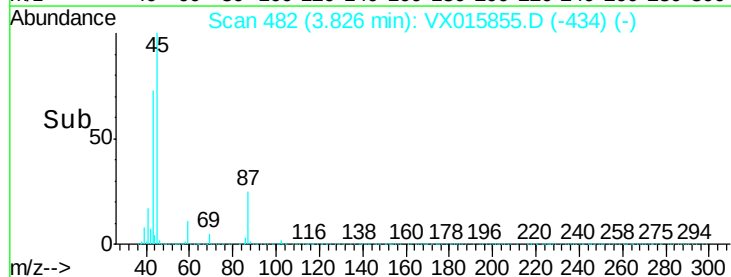
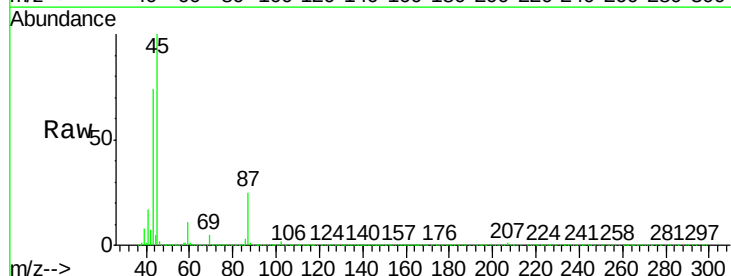
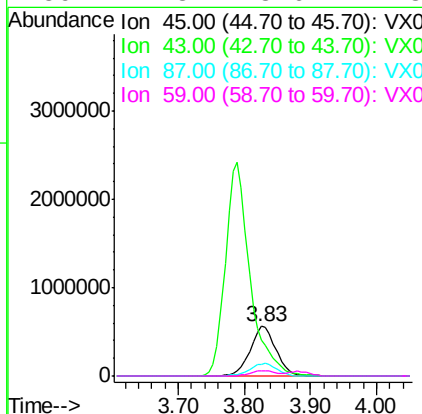
RT: 3.83 min Scan# 482

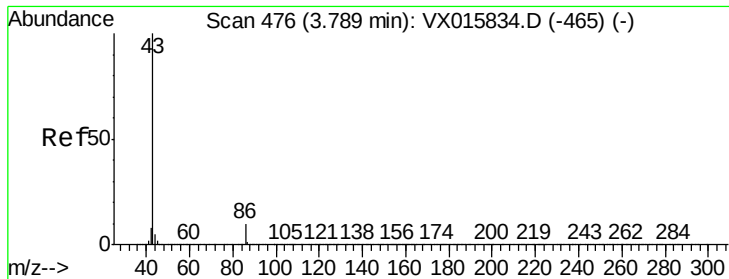
Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	45	Resp:	1523657
Ion	Ratio	Lower	Upper
45	100		
43	73.5	52.4	78.6
87	24.5	20.7	31.1
59	11.3	8.6	12.8





#23

Vinyl Acetate

Concen: 254.208 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 6247094

Ion Ratio Lower Upper

43 100

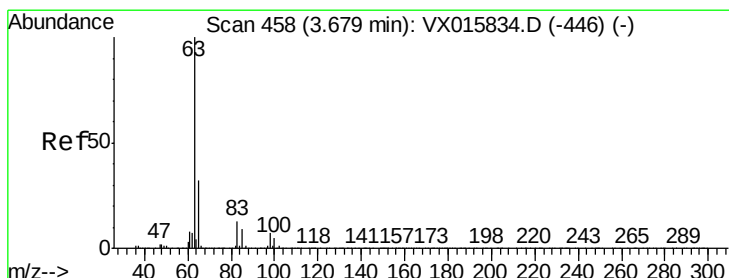
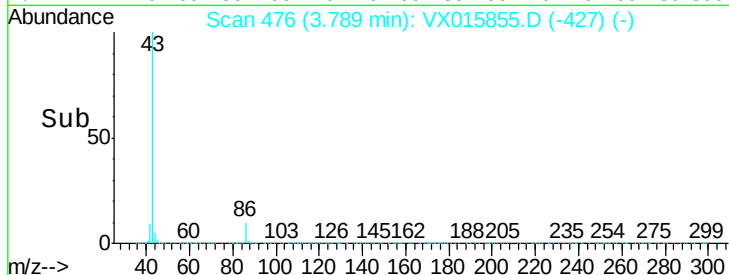
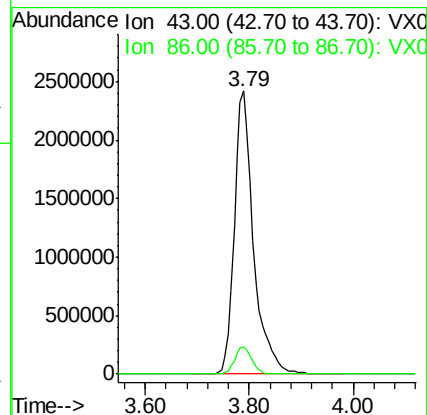
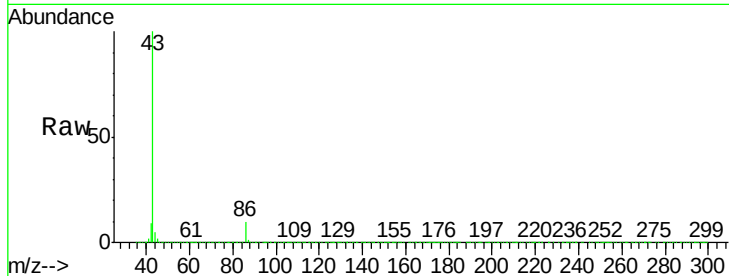
86 9.9 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 50.748 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

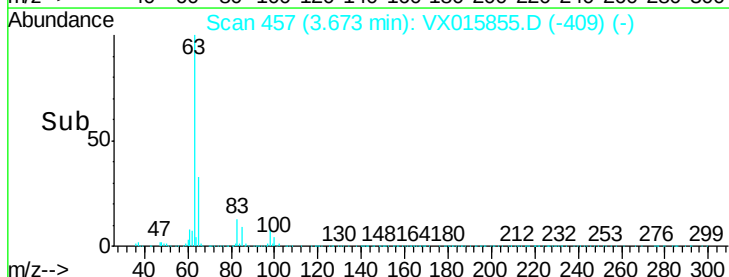
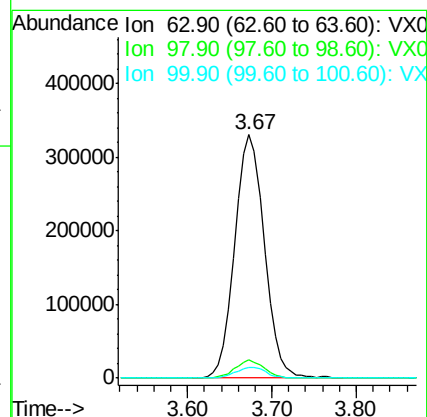
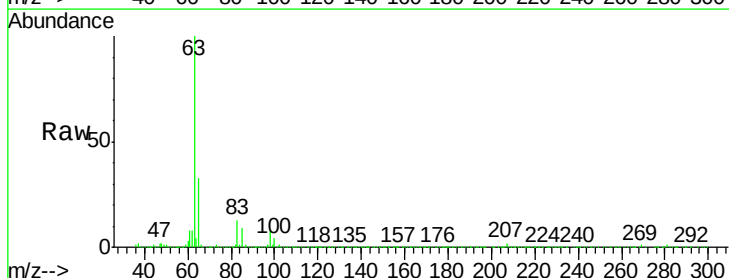
Tgt Ion: 63 Resp: 785384

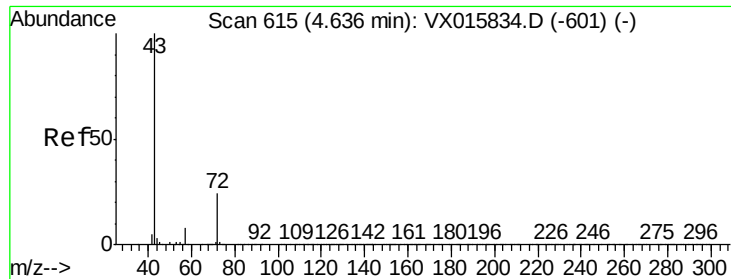
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.3 2.3 6.8





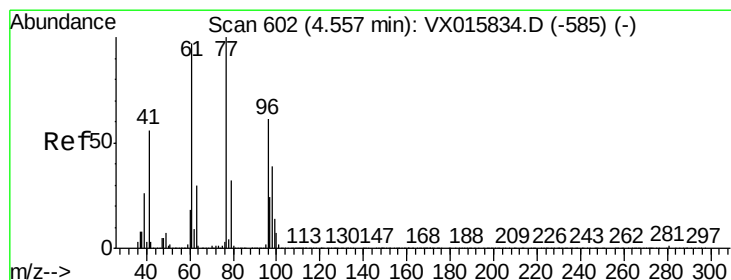
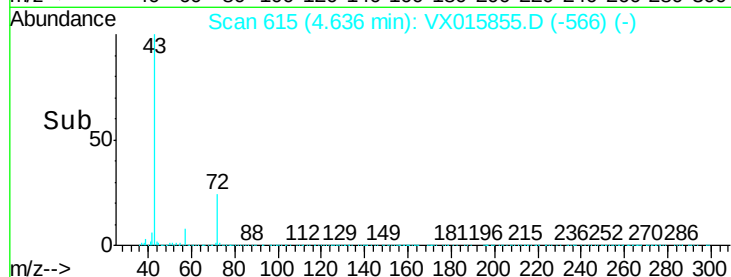
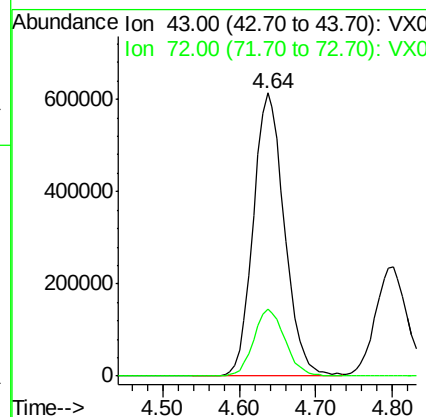
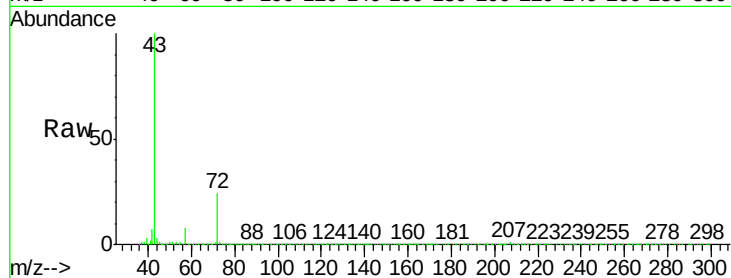
#25
2-Butanone
Concen: 250.321 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1734297
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2

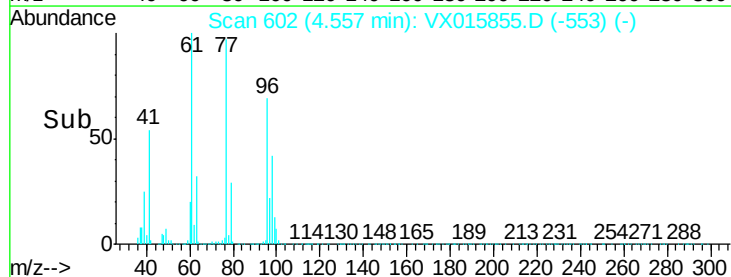
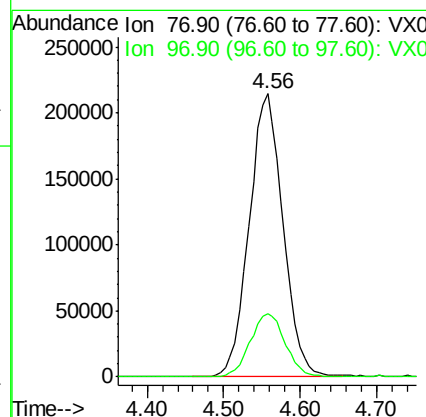
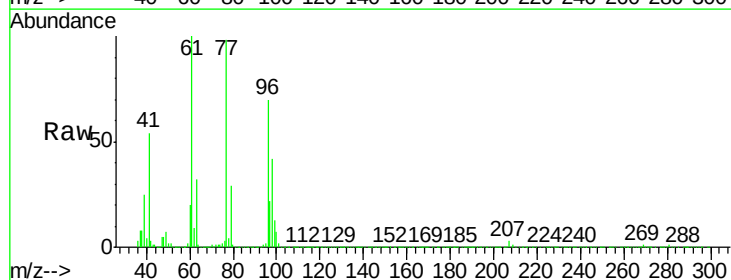
Manual Integrations
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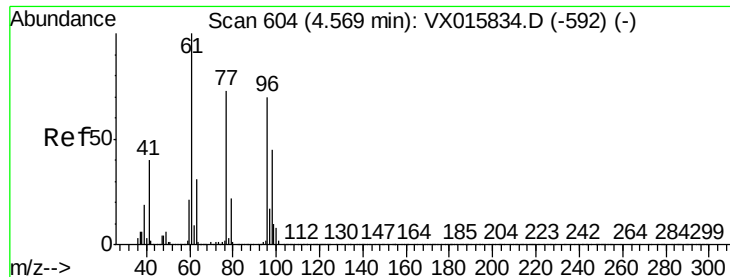
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.471 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 77 Resp: 656260
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

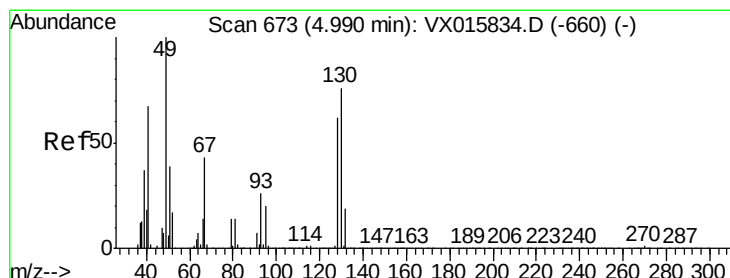
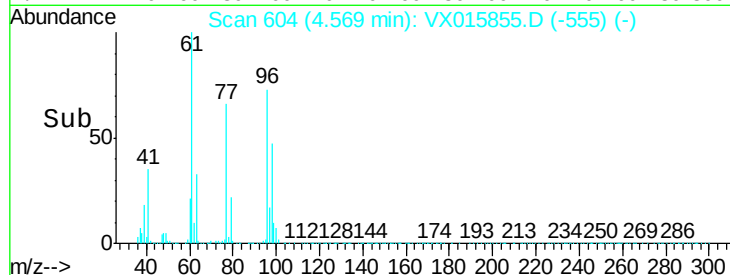
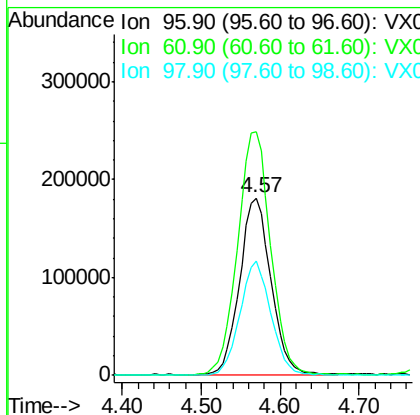
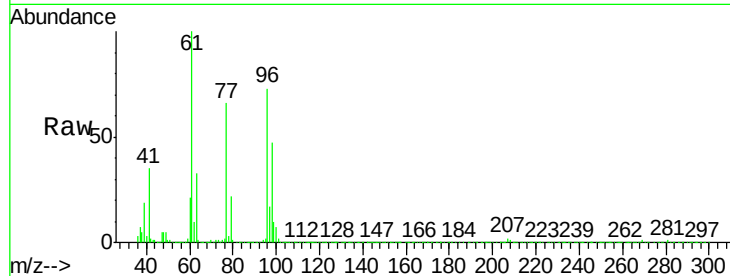
cis-1,2-Dichloroethene
Concen: 51.140 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	299.4	
98	63.6	0.0	129.6	

Manual Integrations
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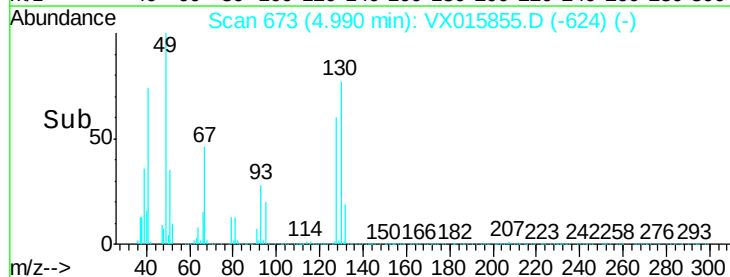
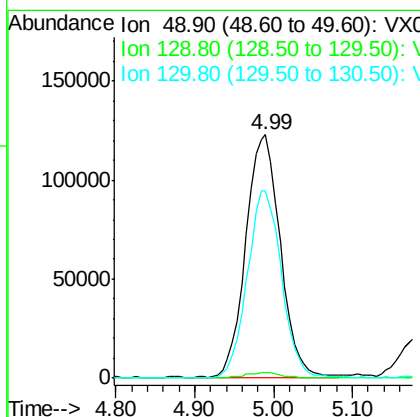
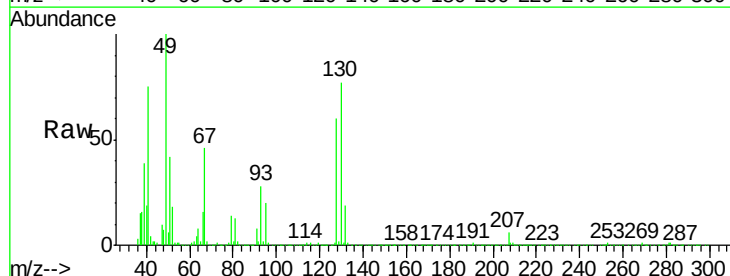
MMDadoda
4/23/2020 12:15:11 PM

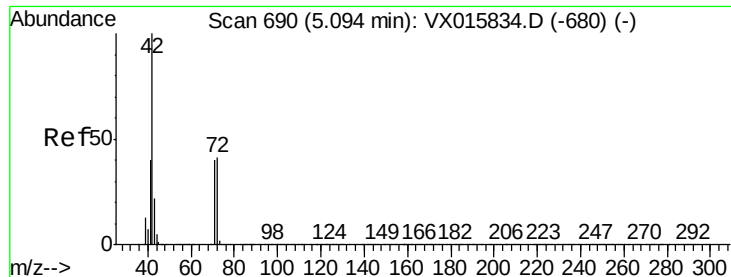


#28

Bromochloromethane
Concen: 45.870 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	1.8#	
130	76.5	62.4	93.6	





#29

Tetrahydrofuran

Concen: 248.452 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1138556

Ion Ratio Lower Upper

42 100

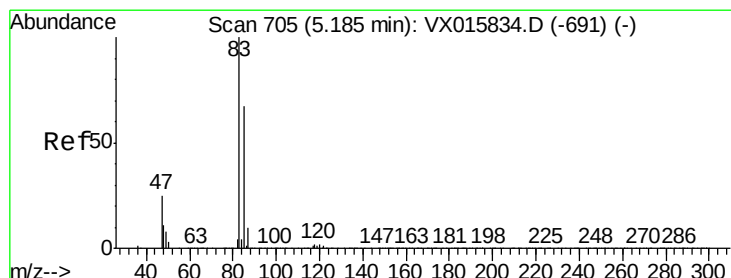
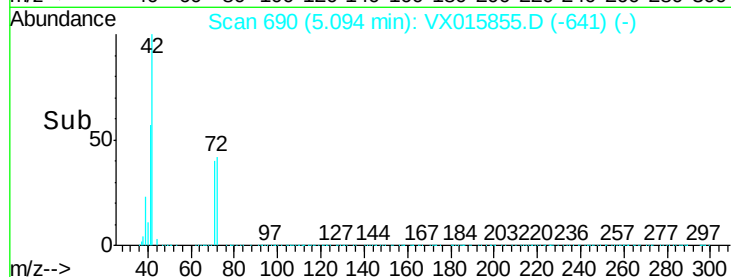
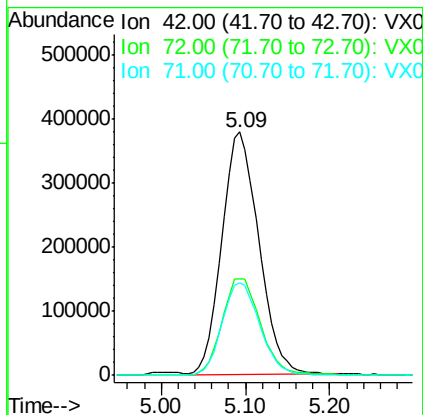
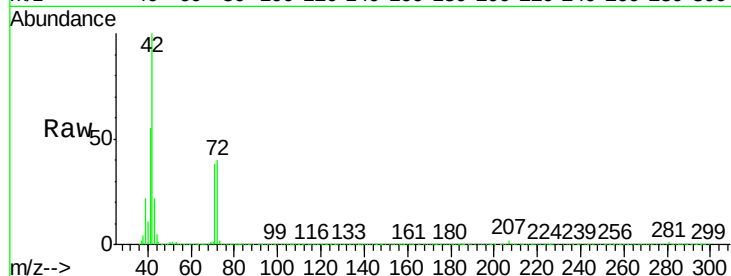
72 41.6 33.0 49.6

71 38.5 30.6 45.8

Manual Integrations
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#30

Chloroform

Concen: 49.802 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015855.D

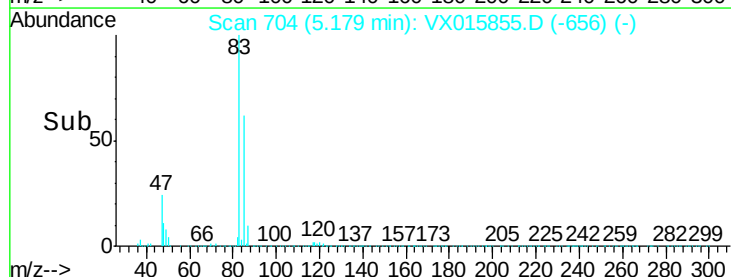
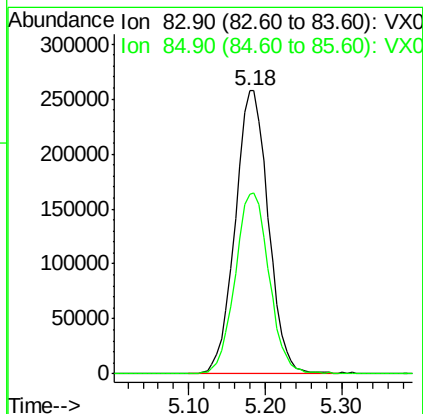
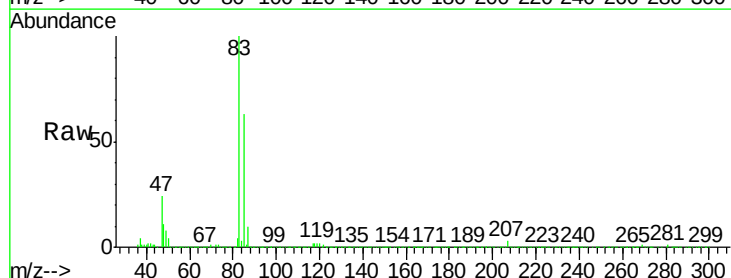
Acq: 22 Apr 2020 20:25

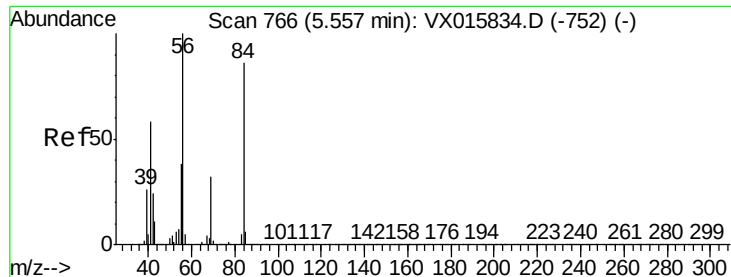
Tgt Ion: 83 Resp: 775456

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.0





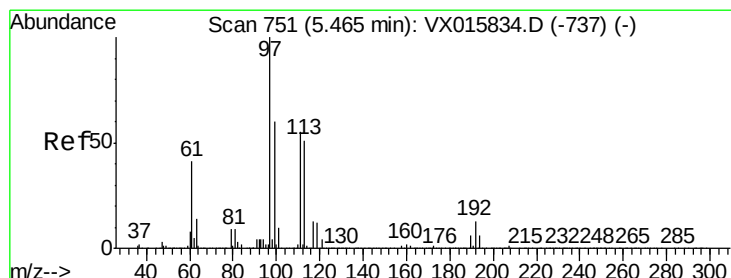
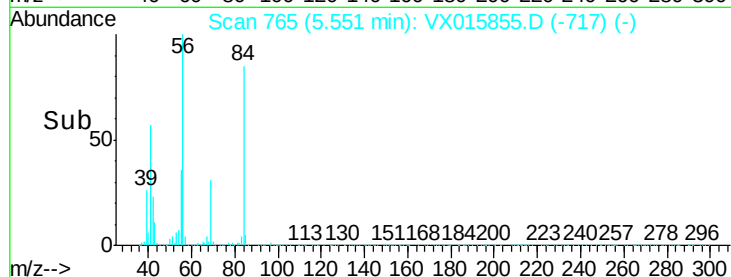
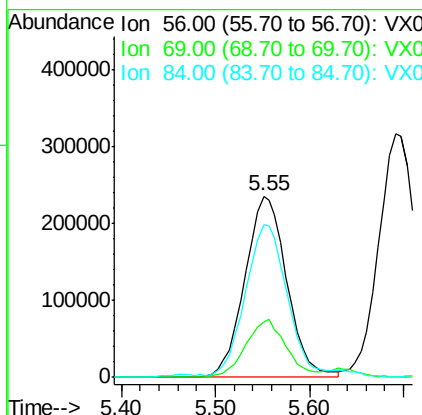
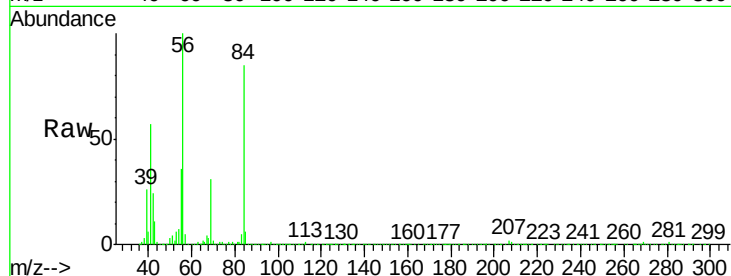
#31
Cyclohexane
Concen: 49.825 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.3	37.9
84	83.2	69.1	103.7

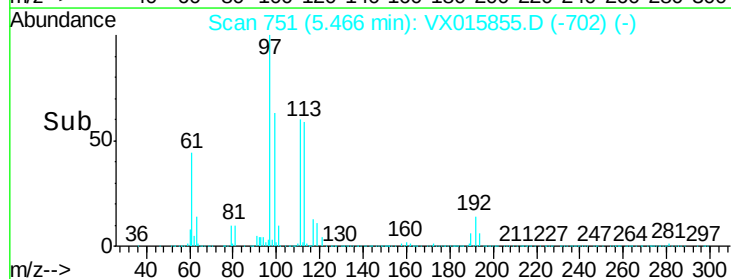
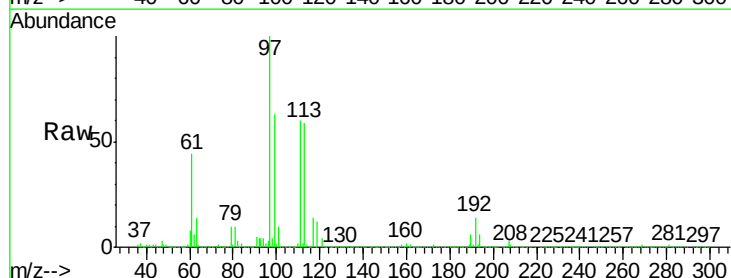
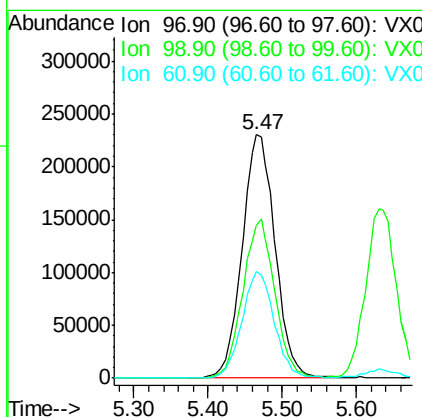
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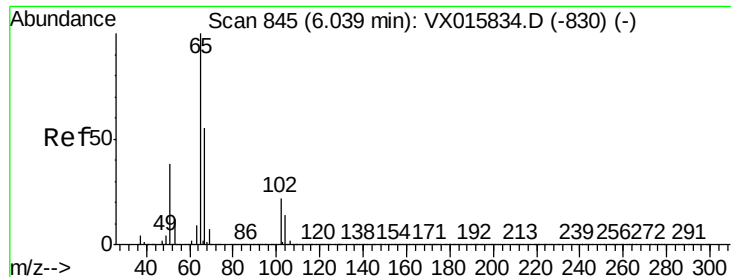
MMDadoda
4/23/2020 12:15:11 PM



#32
1,1,1-Trichloroethane
Concen: 51.303 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	42.9	34.1	51.1





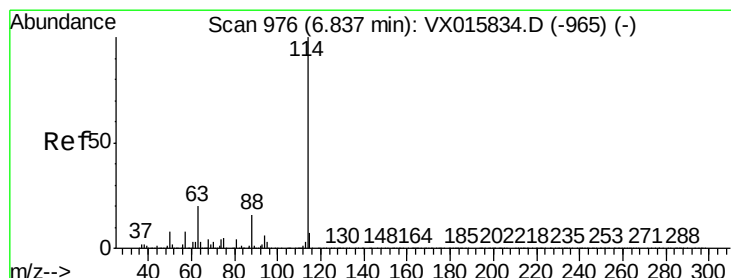
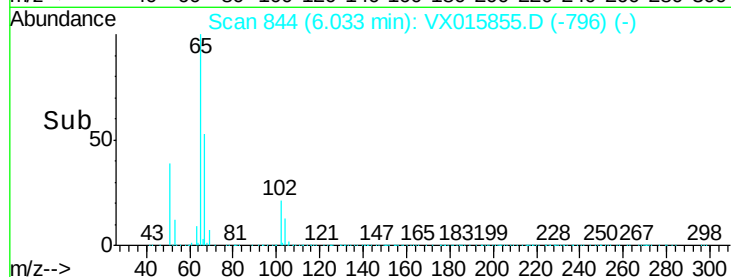
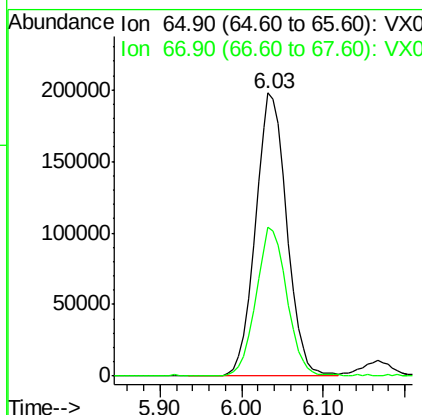
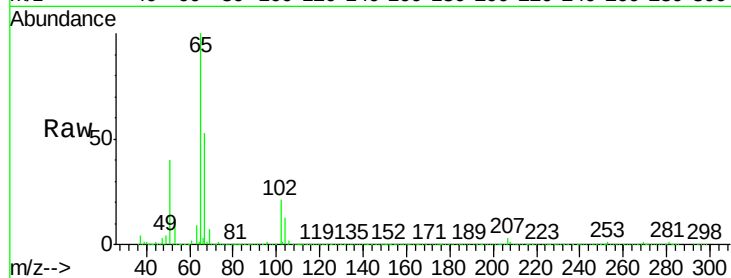
#33
 1,2-Dichloroethane-d4
 Concen: 52.338 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	526880		
67	51.8	0.0	104.2	

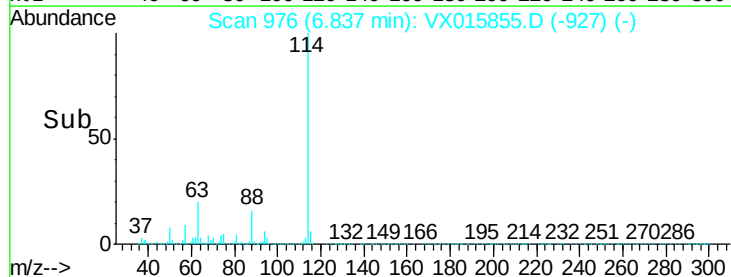
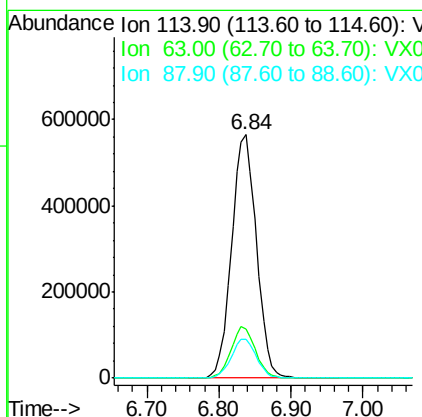
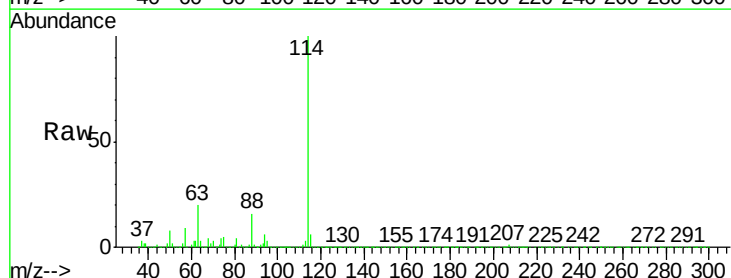
Manual Integrations
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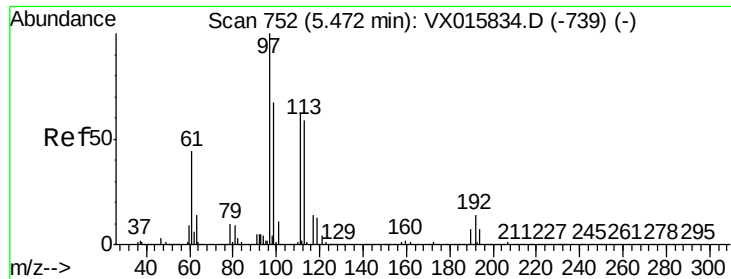
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1352917		
63	20.1	0.0	40.6	
88	16.1	0.0	32.8	





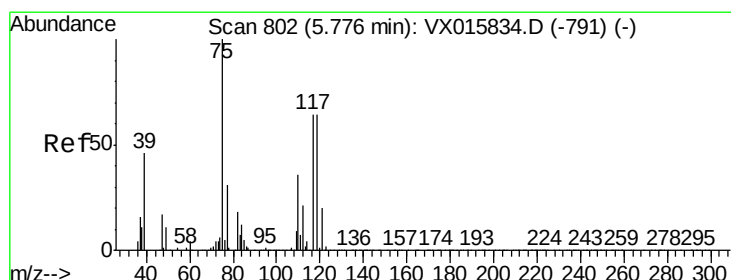
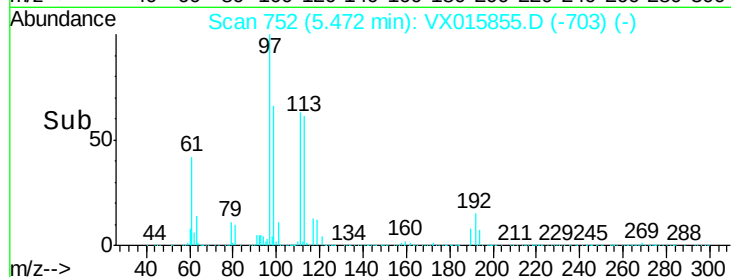
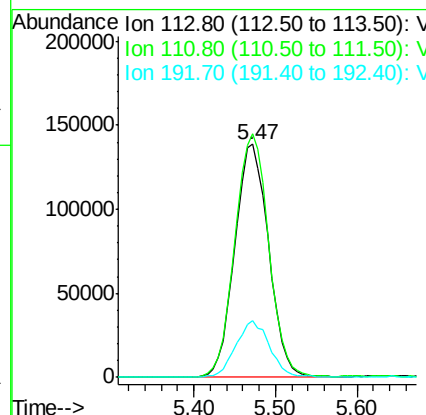
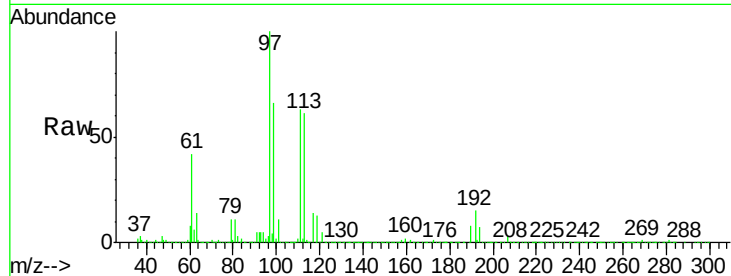
#35
 Dibromofluoromethane
 Concen: 51.083 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	398926		
111	104.1	82.7	124.1	
192	24.3	19.3	28.9	

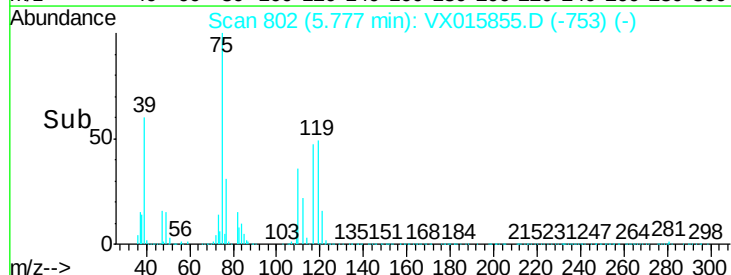
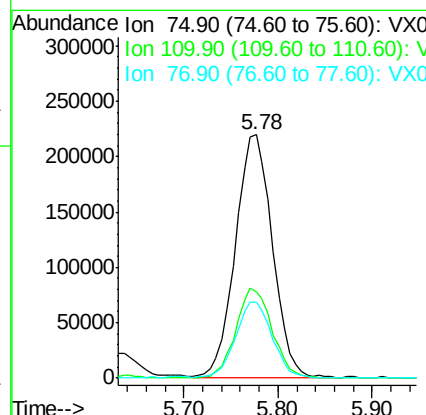
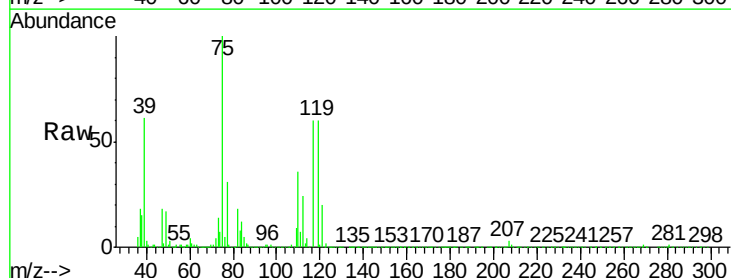
Manual Integrations
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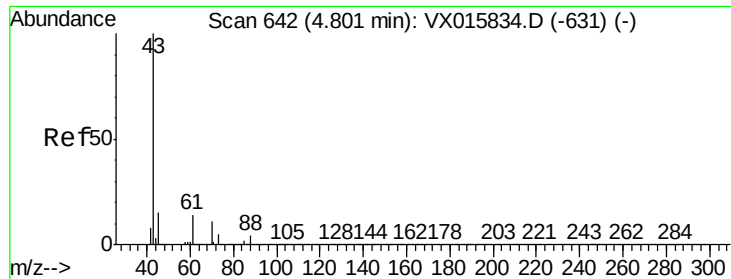
MMDadoda
 4/23/2020 12:15:11 PM



#36
 1,1-Dichloropropene
 Concen: 49.784 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	597103		
110	36.1	17.9	53.8	
77	30.5	24.5	36.7	





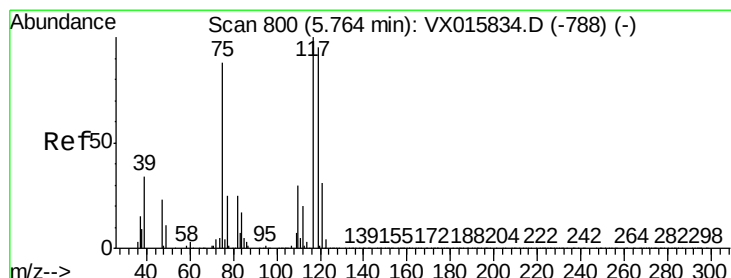
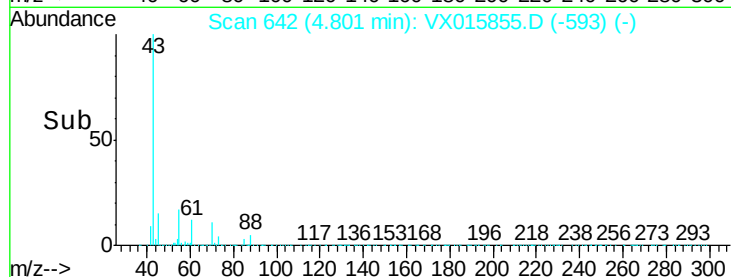
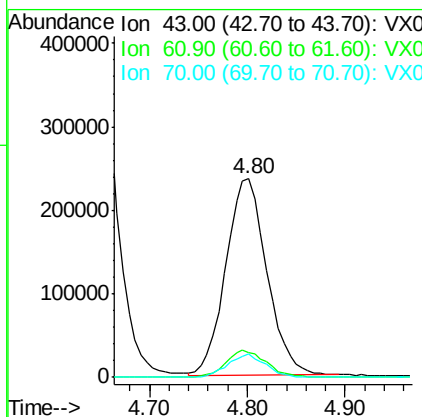
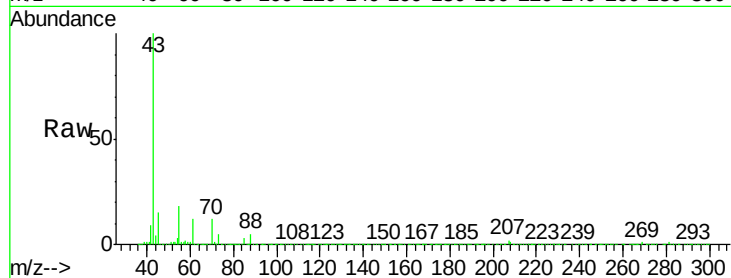
#37
Ethyl Acetate
Concen: 48.202 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.8	16.2
70	10.7	8.2	12.2

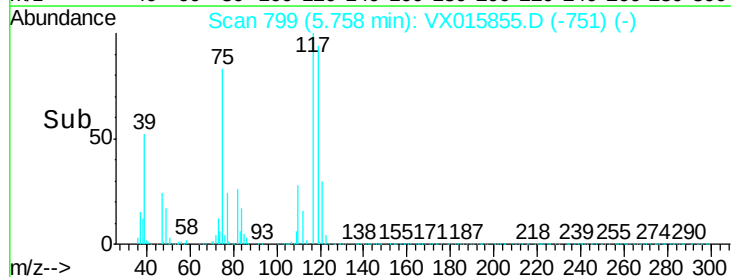
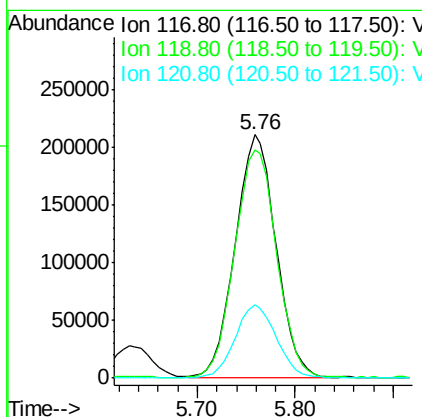
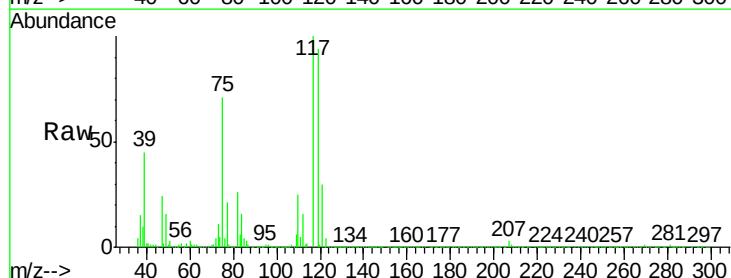
Manual Integrations
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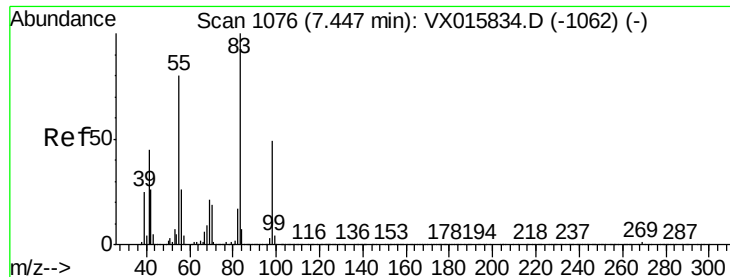
MMDadoda
4/23/2020 12:15:11 PM



#38
Carbon Tetrachloride
Concen: 51.214 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
121	30.3	25.0	37.6





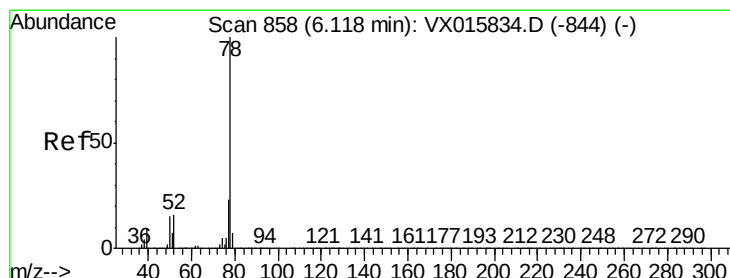
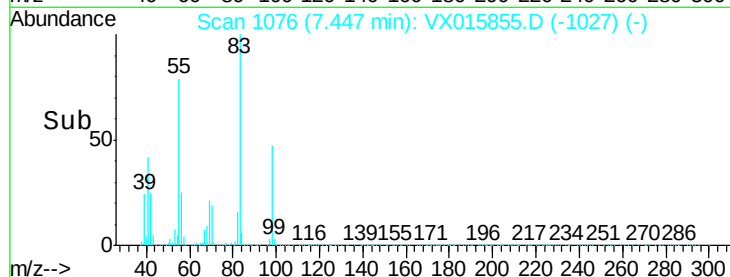
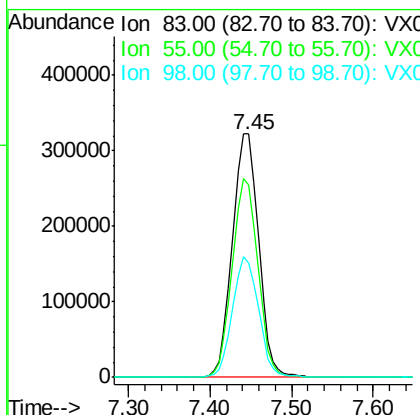
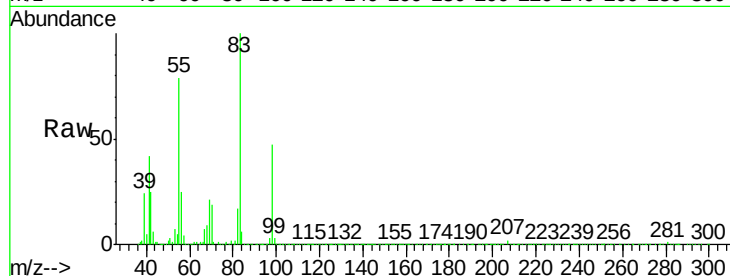
#39
Methylvlcyclohexane
Concen: 47.057 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.2	96.4
98	47.0	39.3	58.9

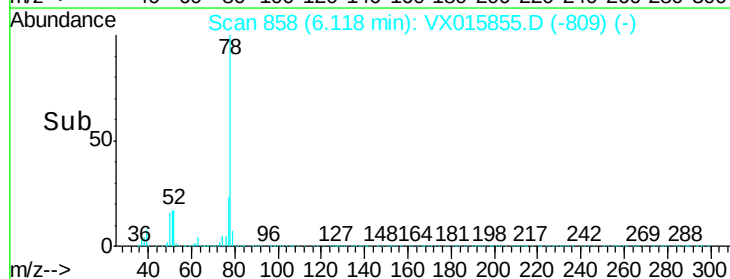
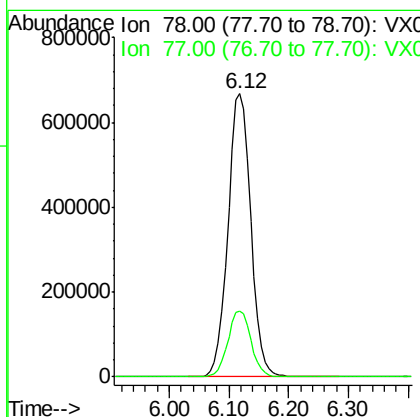
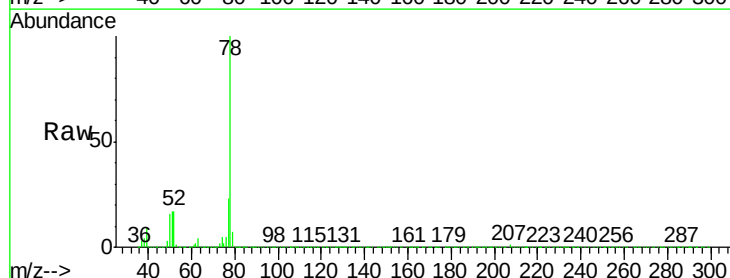
Manual Integrations
APPROVED

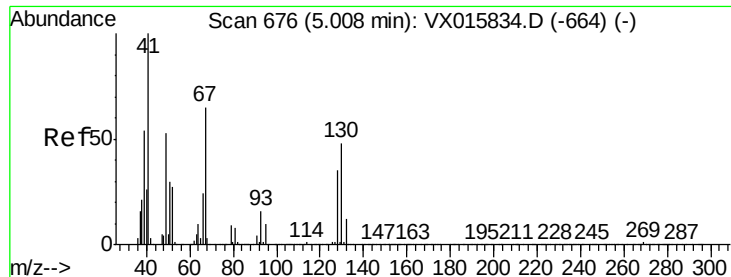
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#40
Benzene
Concen: 49.081 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#41

Methacrylonitrile

Concen: 50.520 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

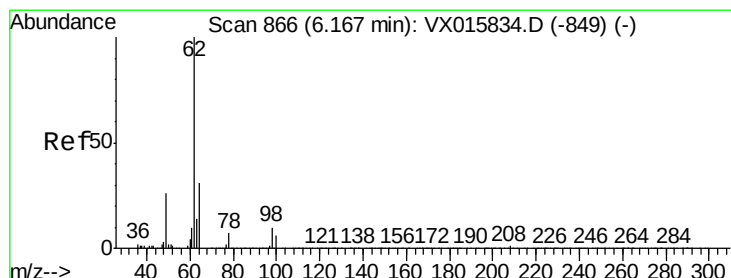
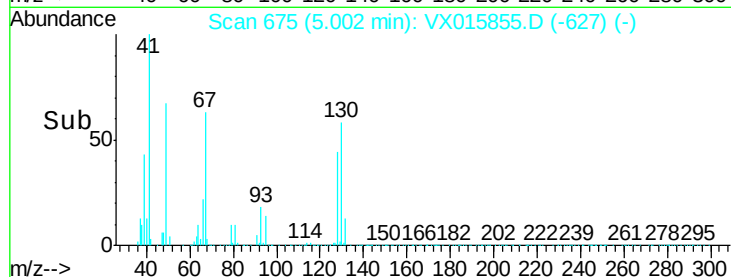
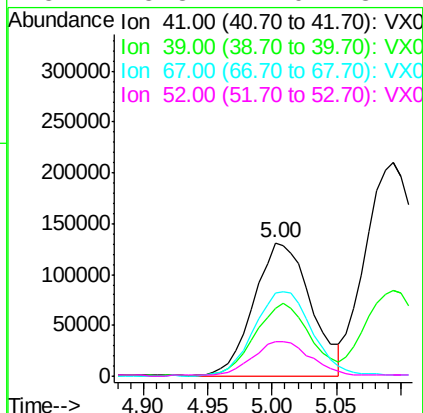
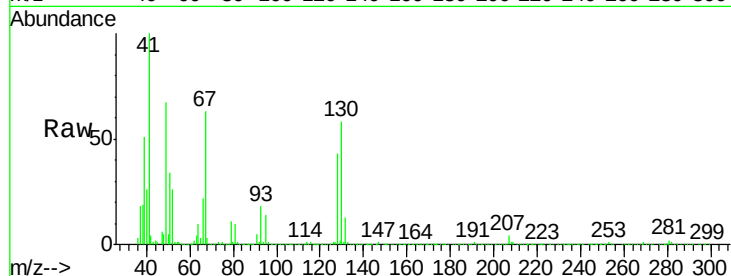
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	42.4	63.6	
67	64.7	51.9	77.9	
52	25.8	21.0	31.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.865 ug/l

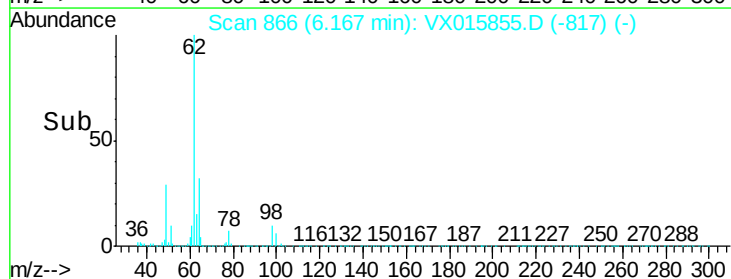
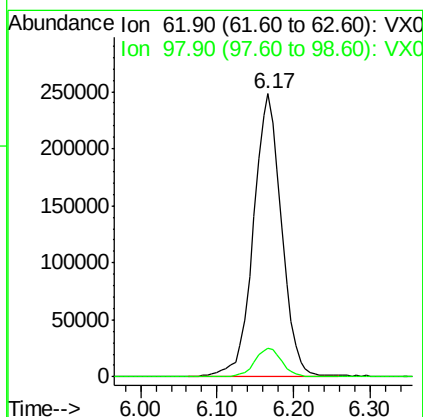
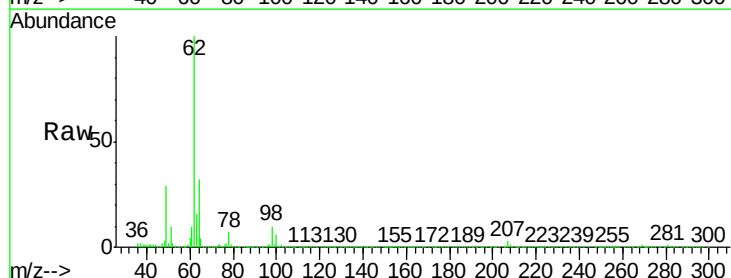
RT: 6.17 min Scan# 866

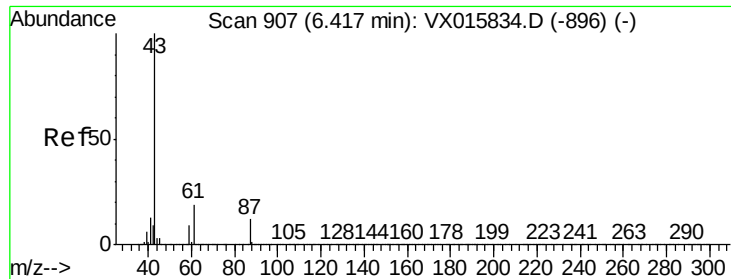
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.0	





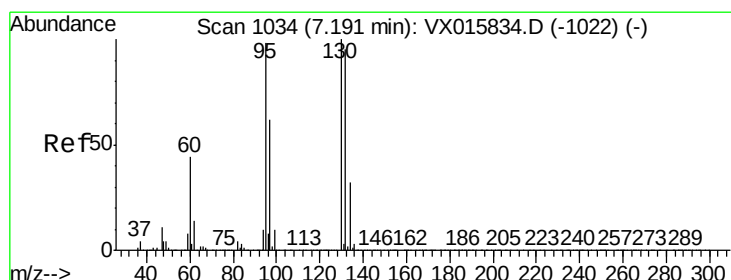
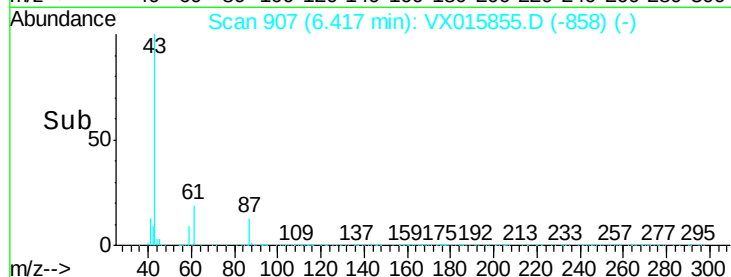
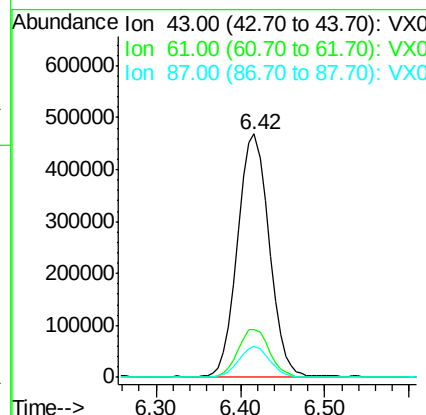
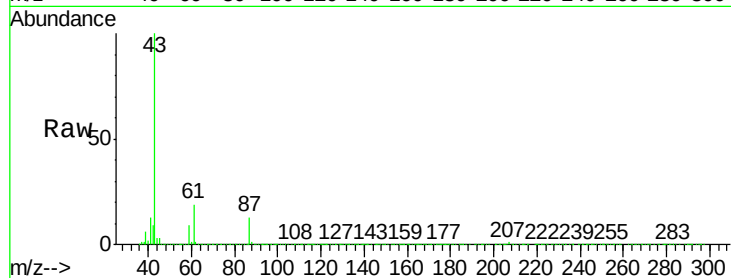
#43
Isopropyl Acetate
Concen: 49.267 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.2
87	12.4	9.8	14.6

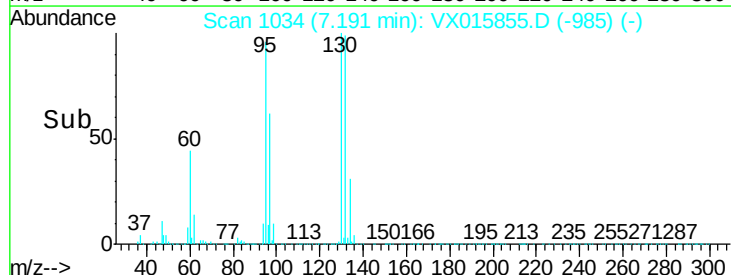
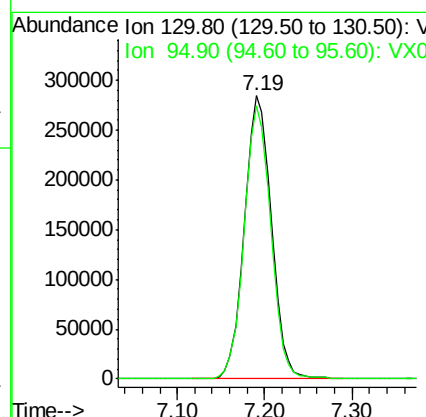
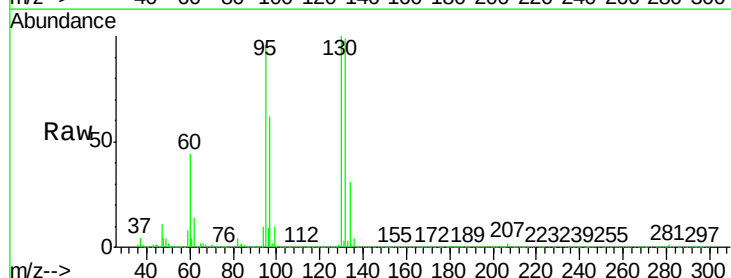
Manual Integrations
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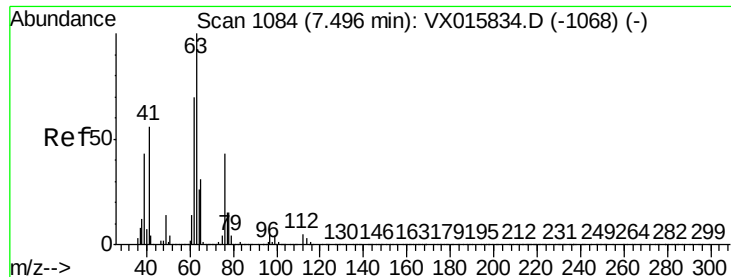
MMDadoda
4/23/2020 12:15:11 PM



#44
Trichloroethene
Concen: 48.084 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	195.8





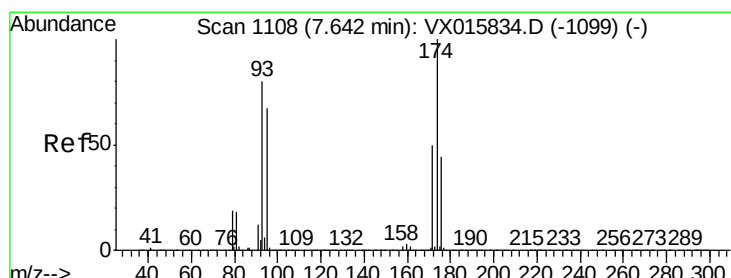
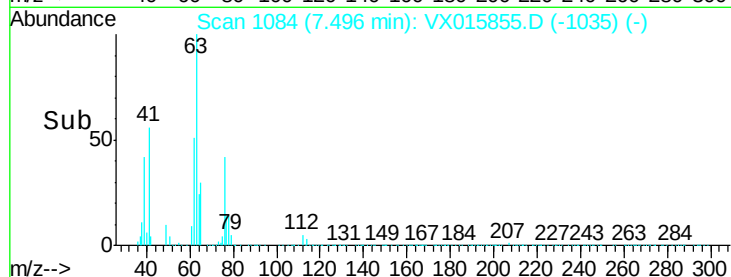
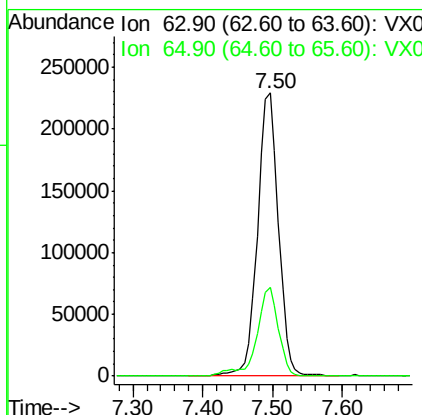
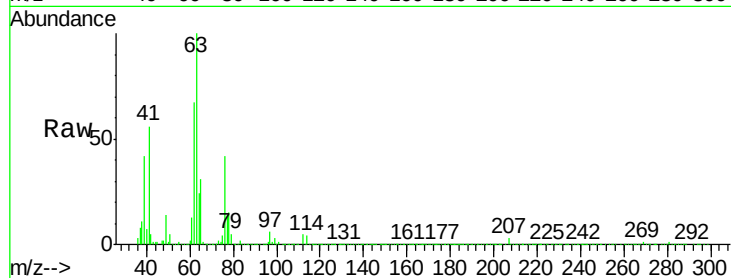
#45
 1,2-Dichloropropane
 Concen: 50.131 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.5	36.7

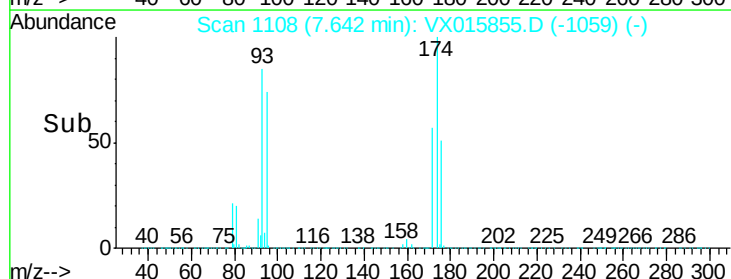
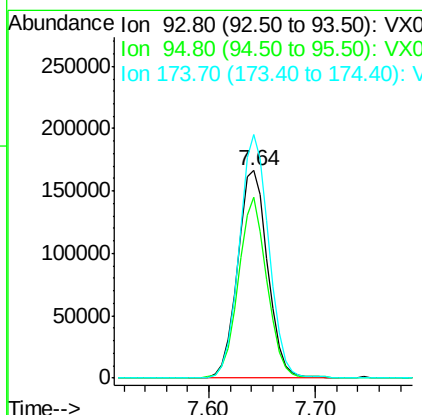
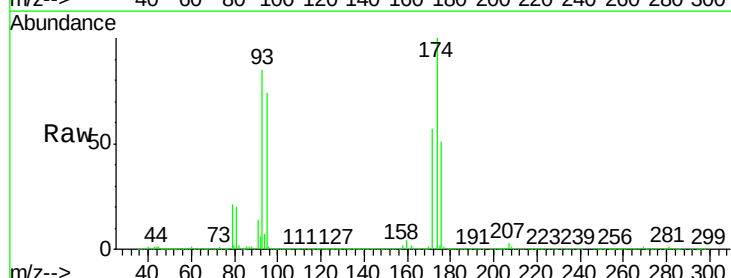
Manual Integrations
 APPROVED

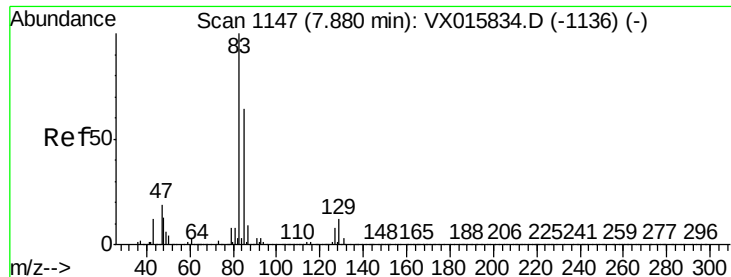
MMDadoda
 4/23/2020 12:15:11 PM



#46
 Dibromomethane
 Concen: 47.722 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.8	98.8
174	114.5	95.6	143.4





#47

Bromodichloromethane

Concen: 50.504 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

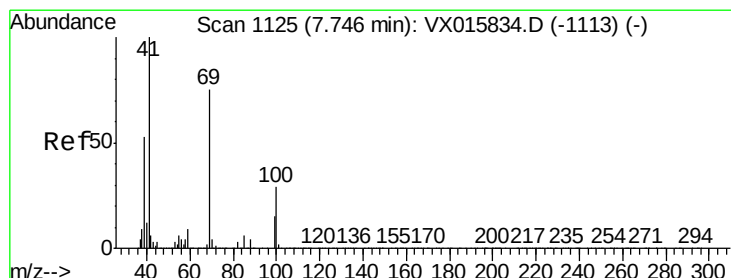
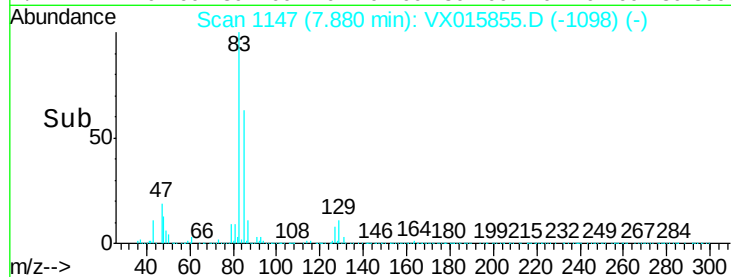
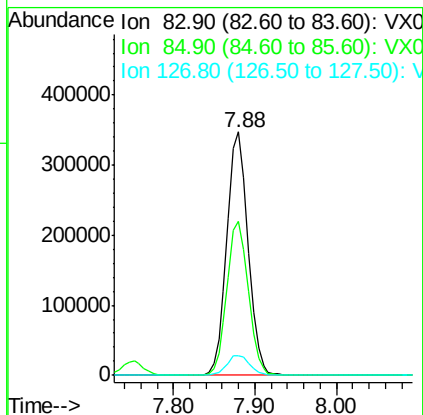
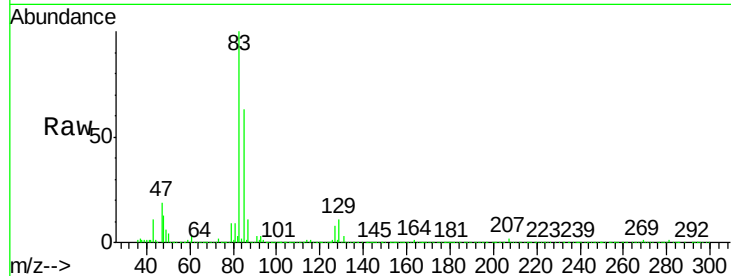
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	620894
Ion Ratio		Lower	Upper
83	100		
85	63.1	50.8	76.2
127	8.2	6.6	10.0

Manual Integrations
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4/23/2020 12:15:11 PM



#48

Methyl methacrylate

Concen: 49.848 ug/l

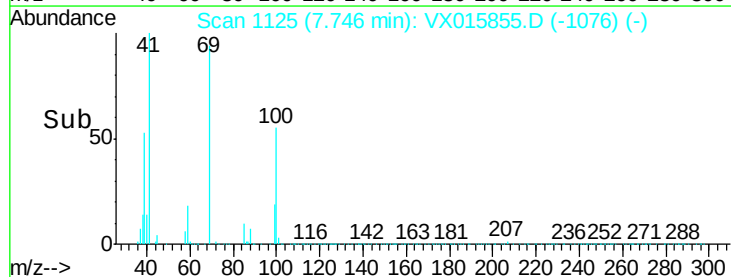
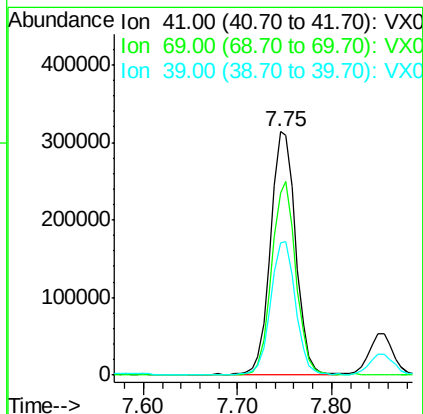
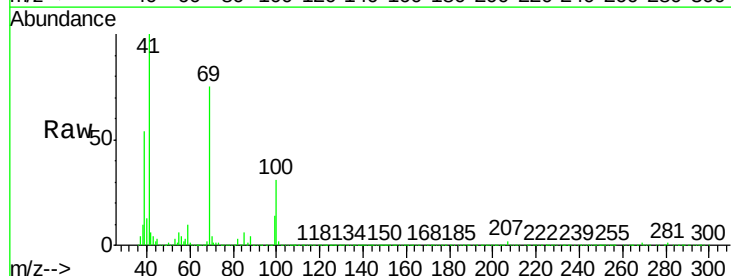
RT: 7.75 min Scan# 1125

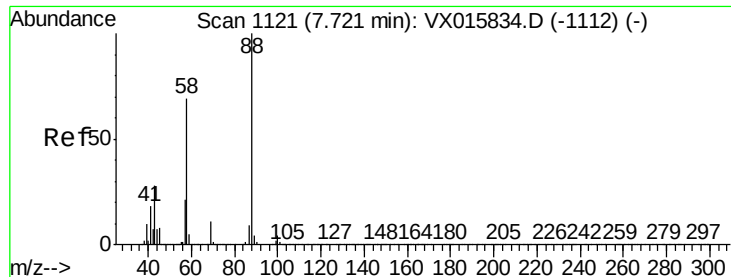
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	41	Resp:	590408
Ion Ratio		Lower	Upper
41	100		
69	75.5	60.5	90.7
39	53.5	42.1	63.1





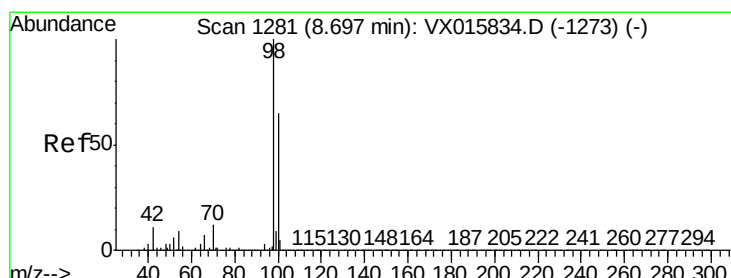
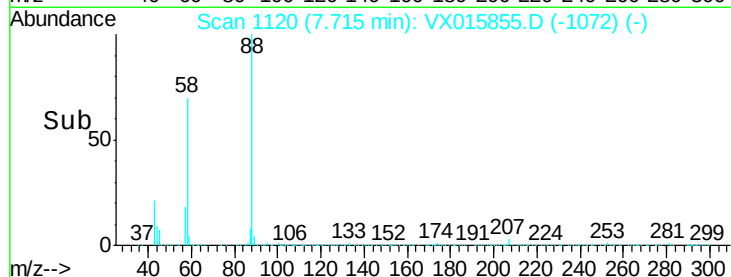
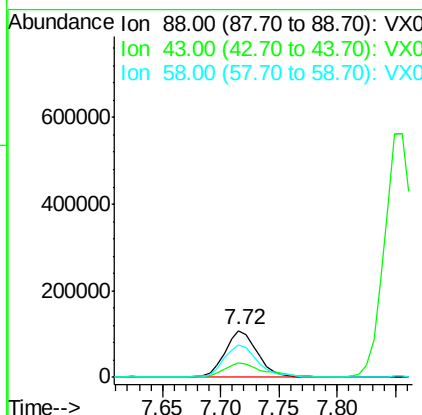
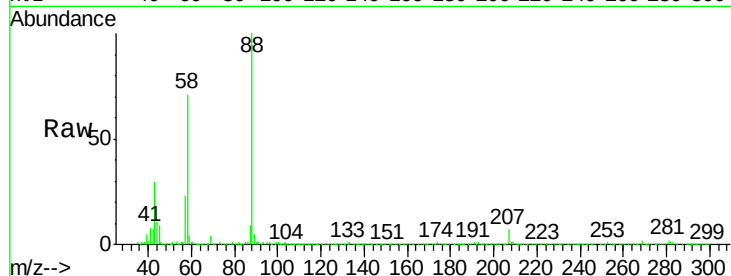
#49
1,4-Dioxane
Concen: 927.033 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	207507
Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.2	42.4
58	72.2	58.9	88.3

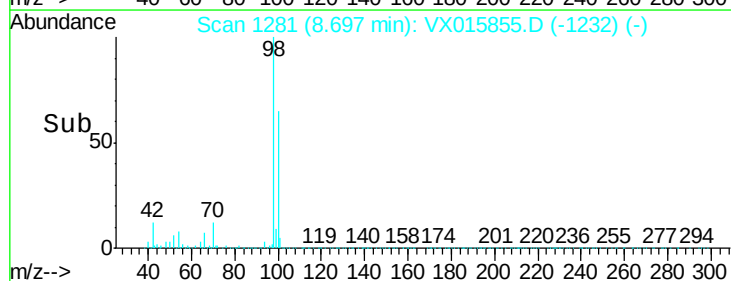
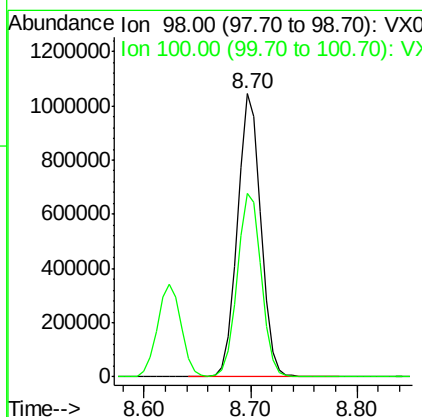
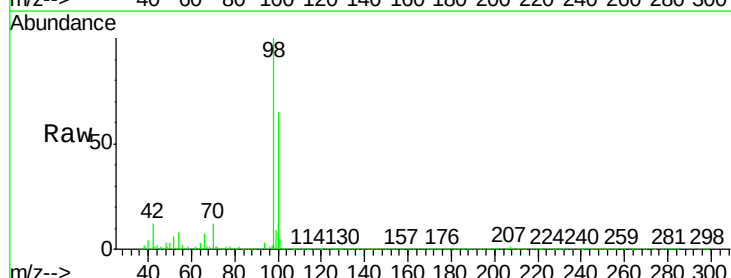
Manual Integrations
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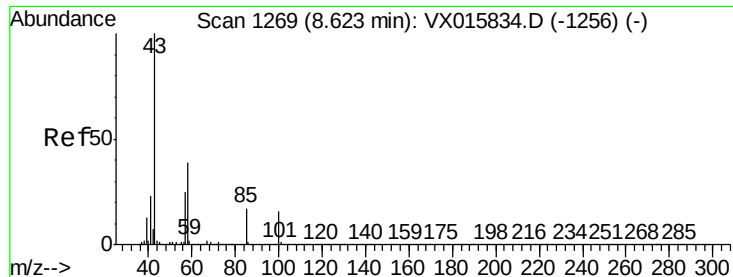
MMDadoda
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#50
Toluene-d8
Concen: 51.239 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	98	Resp	1610825
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





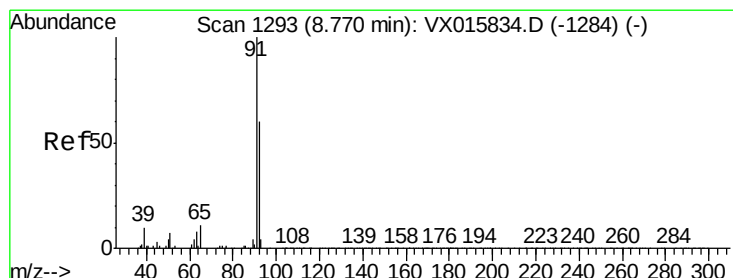
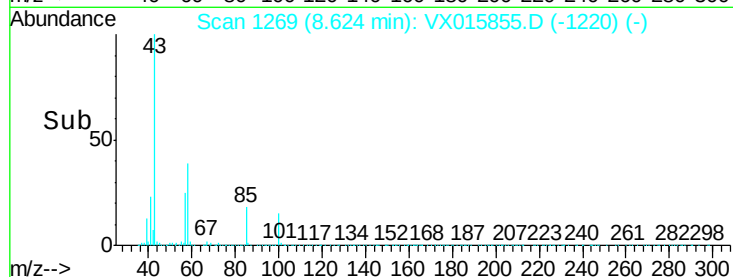
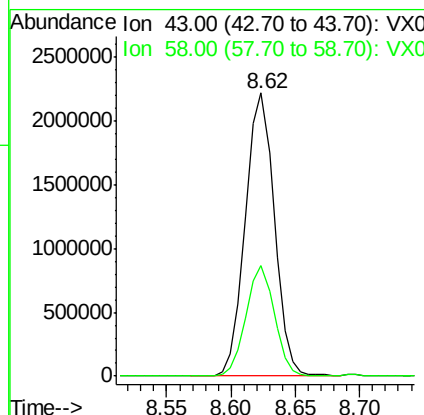
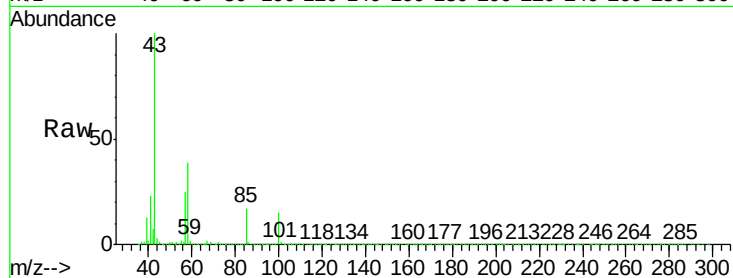
#51
4-Methyl-2-Pentanone
Concen: 248.626 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3455471
Ion Ratio Lower Upper
43 100
58 38.1 30.6 45.8

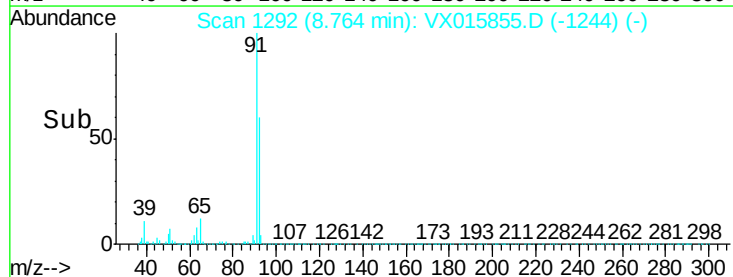
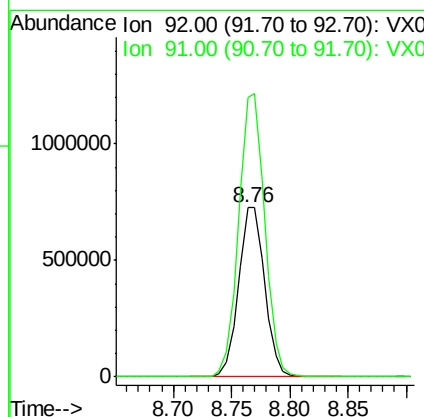
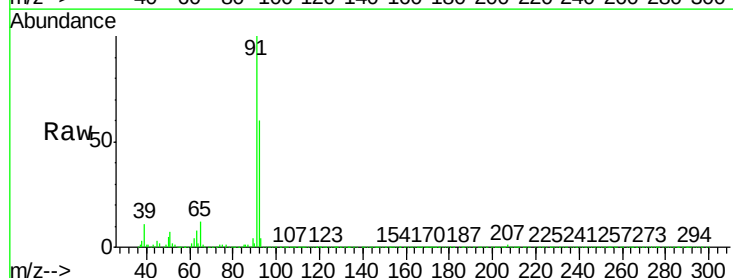
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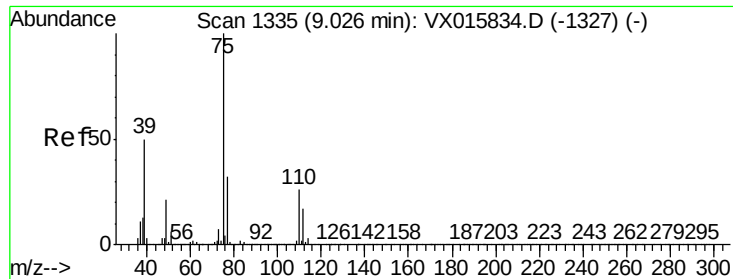
MMDadoda
4/23/2020 12:15:11 PM



#52
Toluene
Concen: 49.241 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 92 Resp: 1140162
Ion Ratio Lower Upper
92 100
91 167.4 133.4 200.0





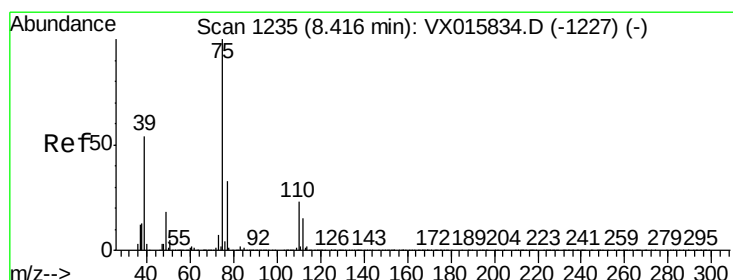
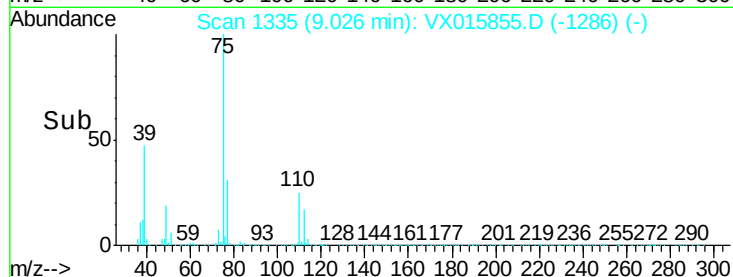
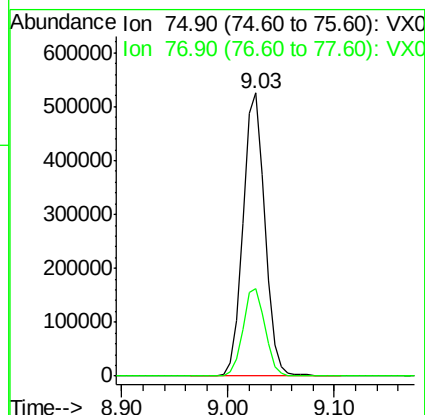
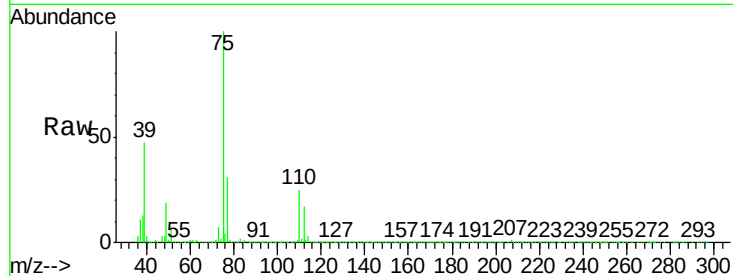
#53
t-1,3-Dichloropropene
Concen: 49.580 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.9	38.9

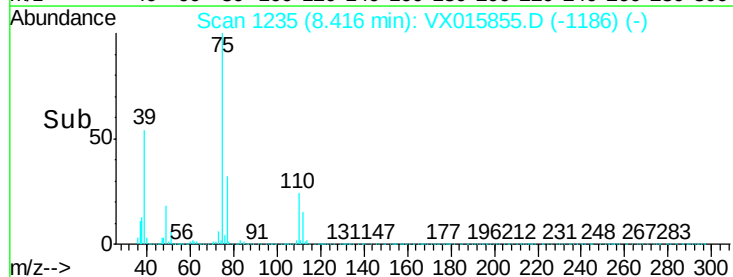
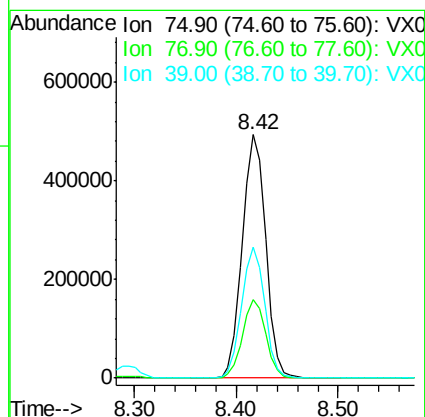
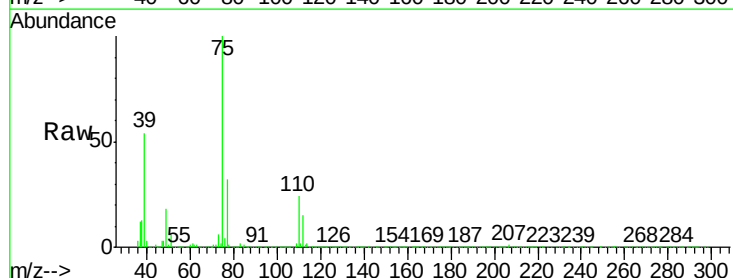
Manual Integrations
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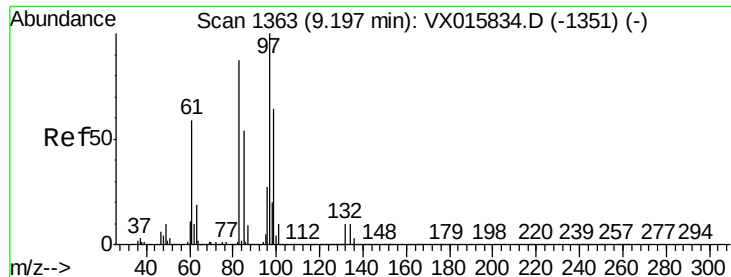
MMDadoda
4/23/2020 12:15:11 PM



#54
cis-1,3-Dichloropropene
Concen: 48.549 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.0	39.0
39	53.5	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 50.188 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

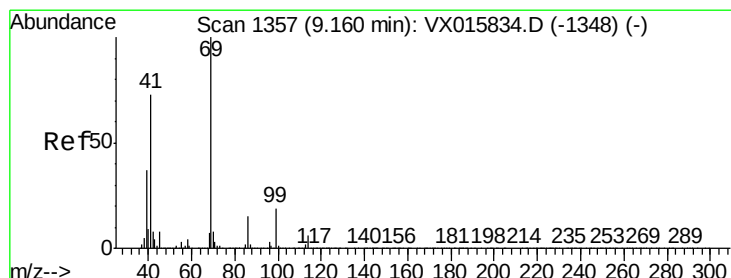
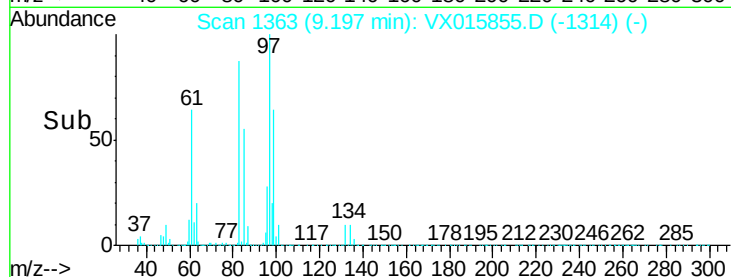
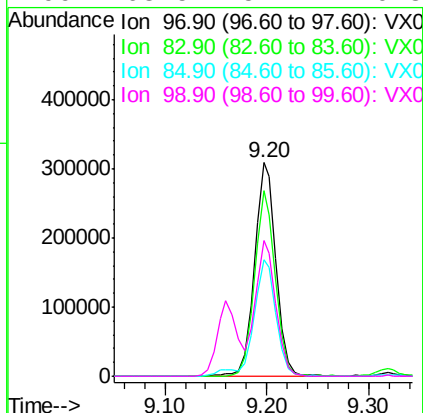
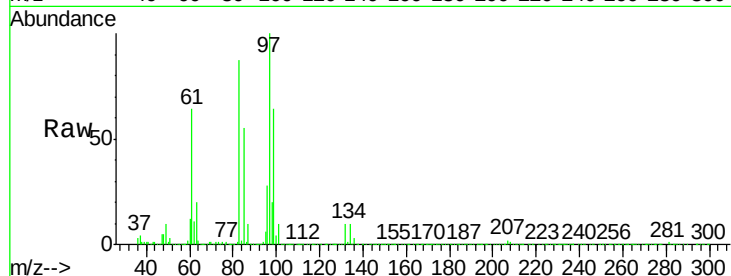
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	453768
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.8	104.8
85	54.5	43.4	65.2
99	63.5	51.2	76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.190 ug/l

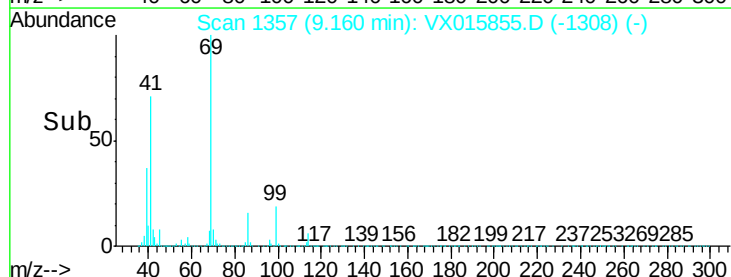
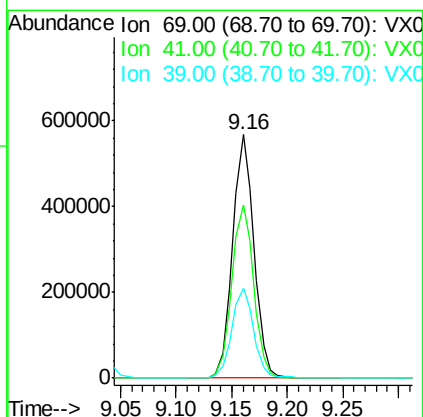
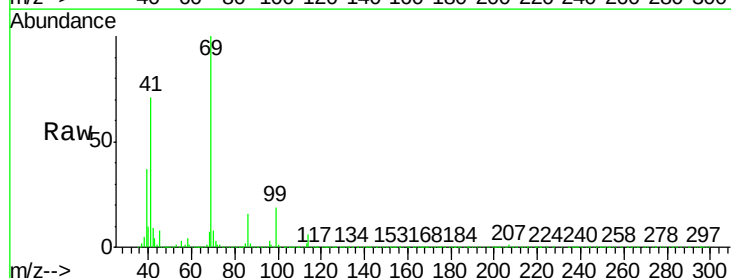
RT: 9.16 min Scan# 1357

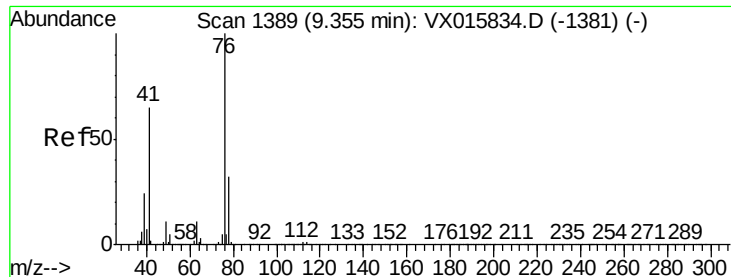
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	69	Resp:	753324
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.4	86.2
39	37.4	29.7	44.5





#57

1,3-Dichloropropane

Concen: 49.507 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 777830

Ion Ratio Lower Upper

76 100

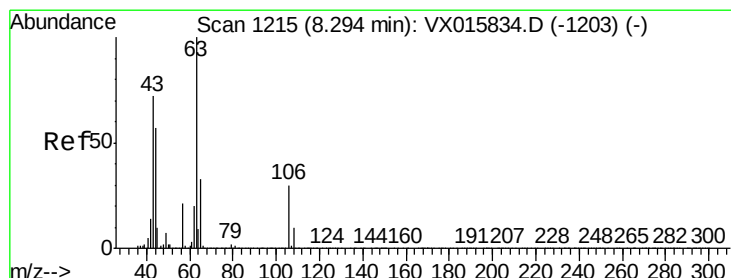
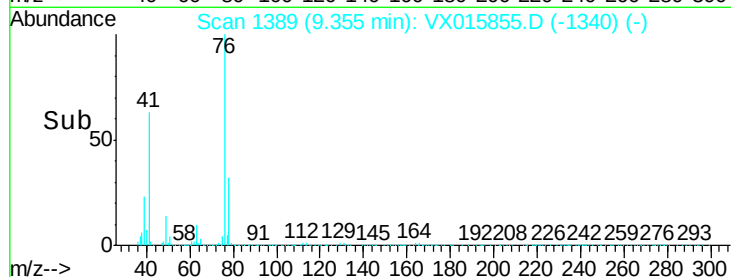
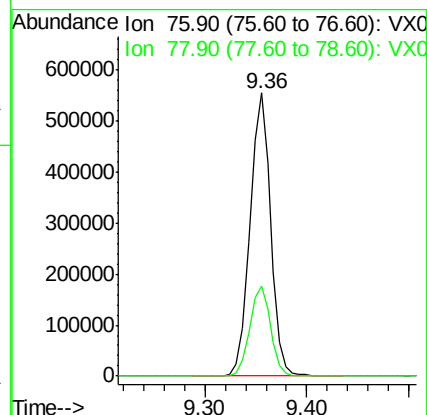
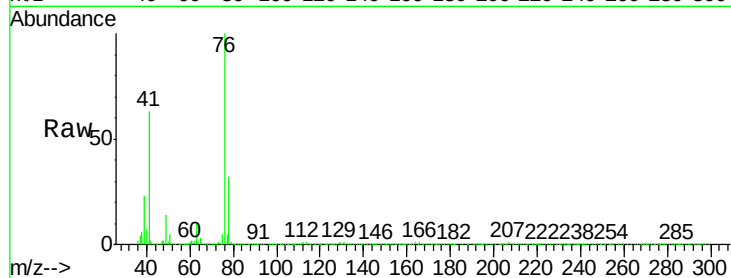
78 32.0 25.4 38.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 250.633 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015855.D

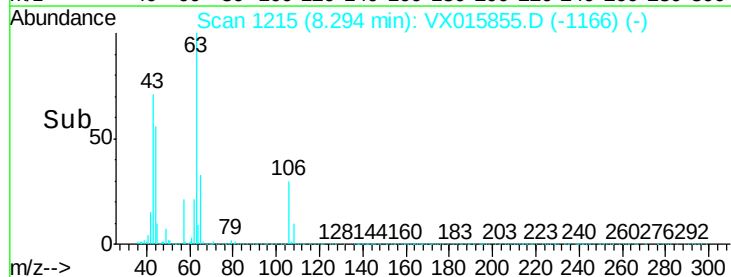
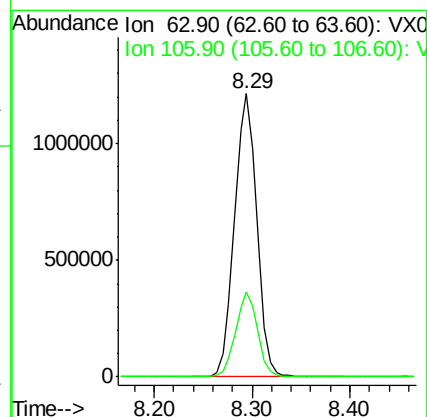
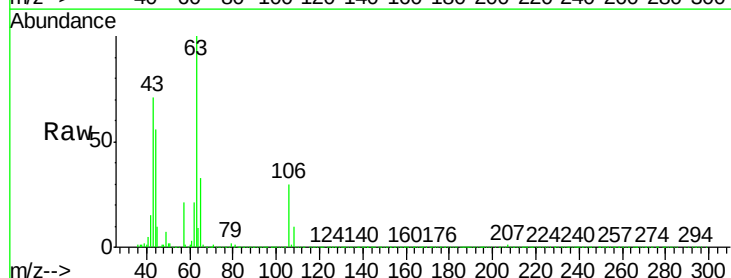
Acq: 22 Apr 2020 20:25

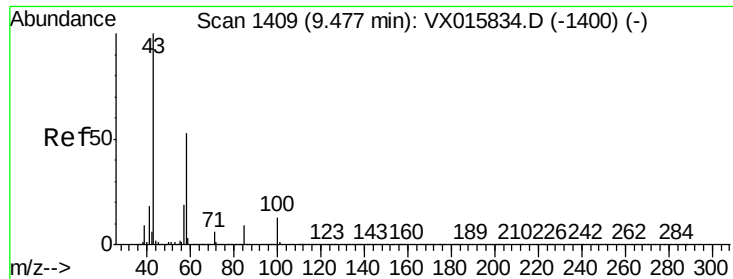
Tgt Ion: 63 Resp: 1917479

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8





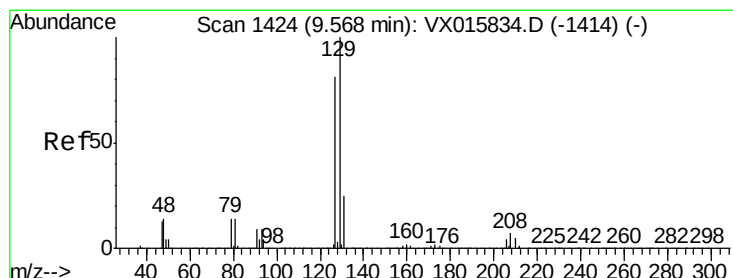
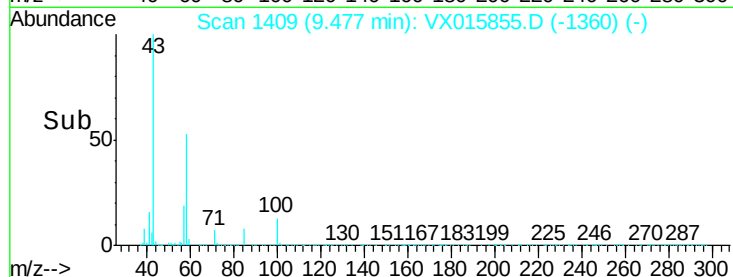
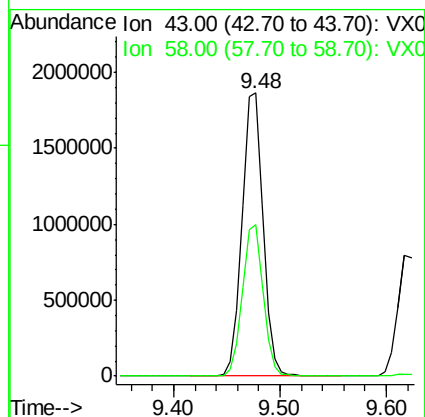
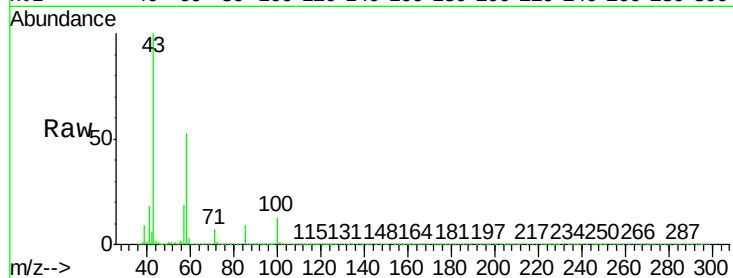
#59
2-Hexanone
Concen: 245.584 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2600194
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4

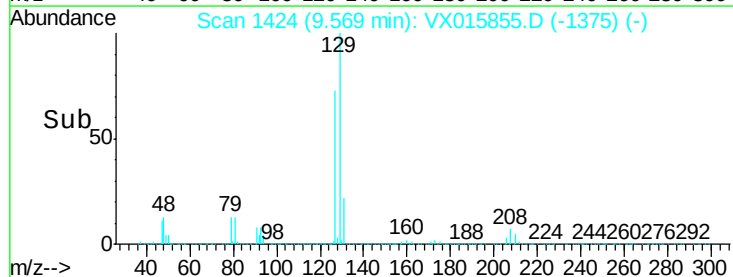
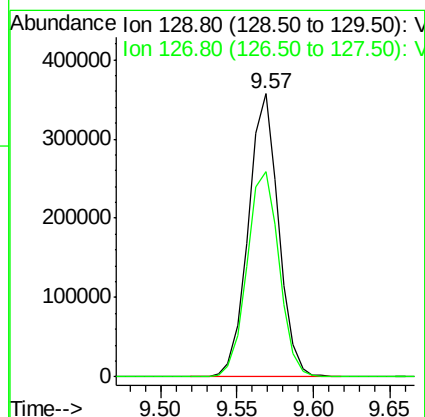
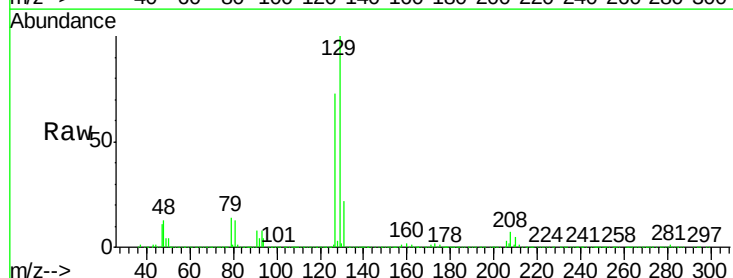
Manual Integrations
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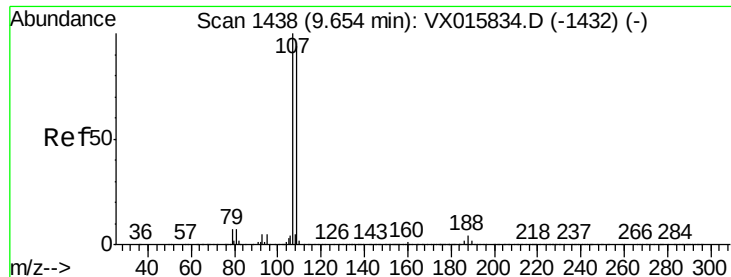
MMDadoda
4/23/2020 12:15:11 PM



#60
Dibromochloromethane
Concen: 52.540 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 129 Resp: 490567
Ion Ratio Lower Upper
129 100
127 76.5 40.0 120.0





#61

1,2-Dibromoethane

Concen: 48.351 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 483154

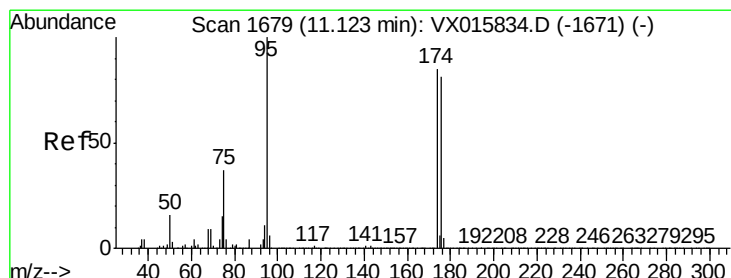
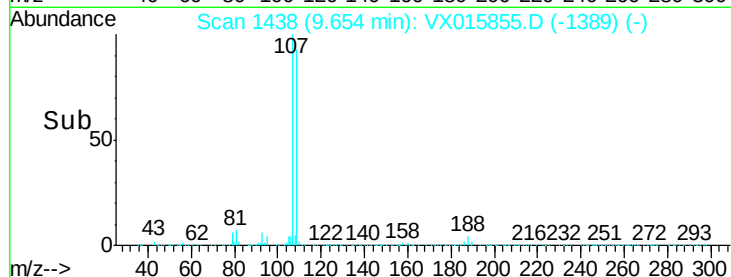
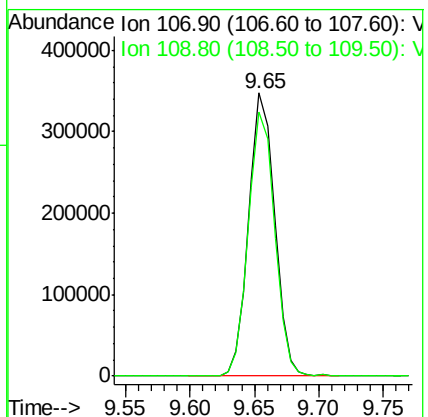
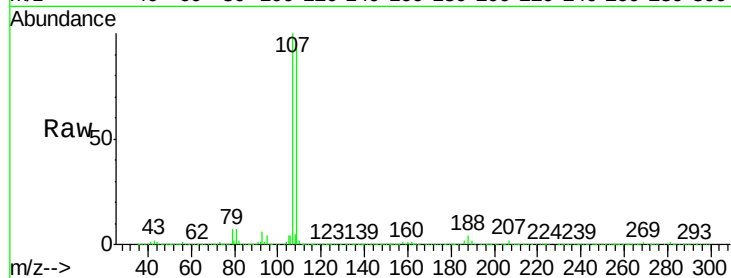
Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 51.378 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

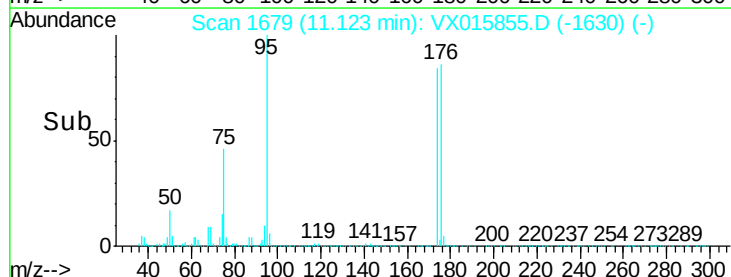
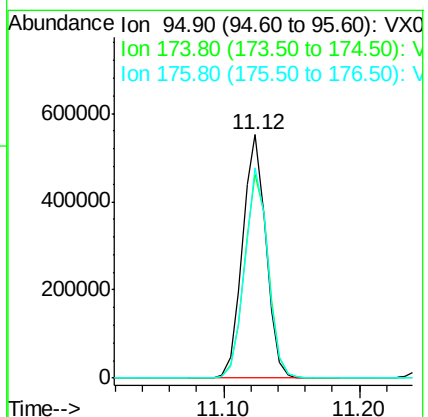
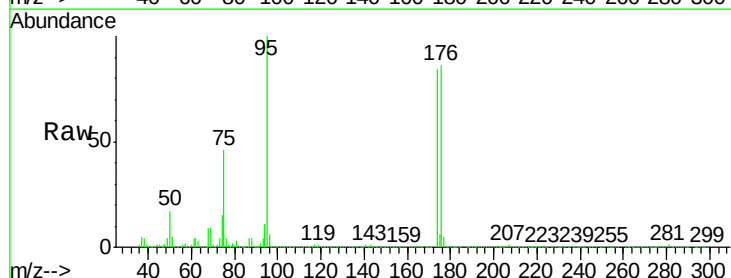
Tgt Ion: 95 Resp: 662608

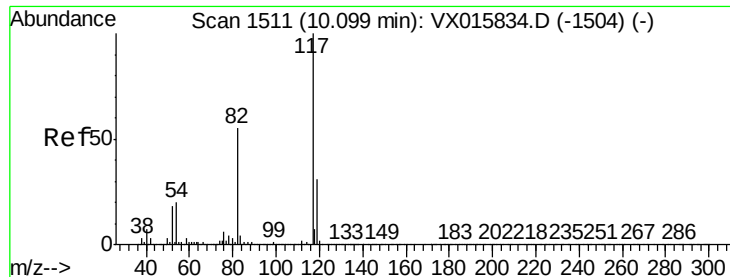
Ion Ratio Lower Upper

95 100

174 85.7 0.0 172.4

176 85.4 0.0 167.0





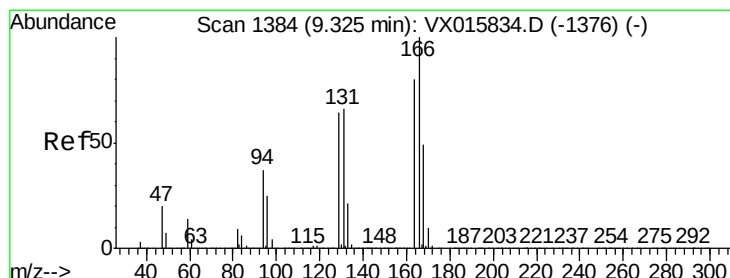
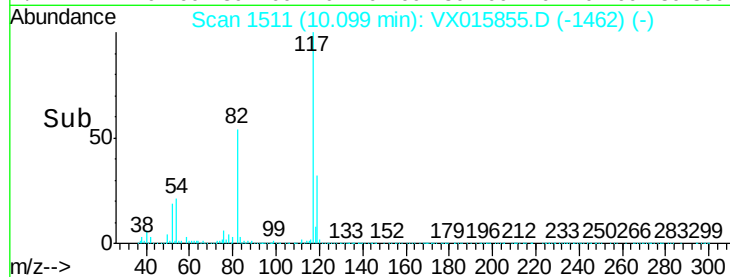
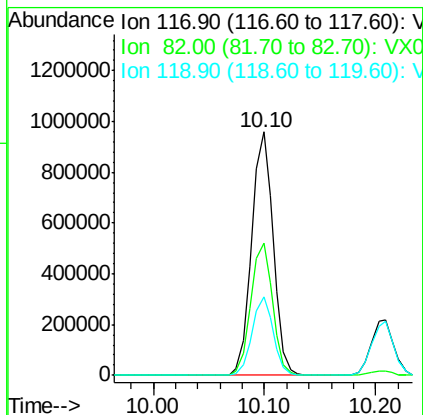
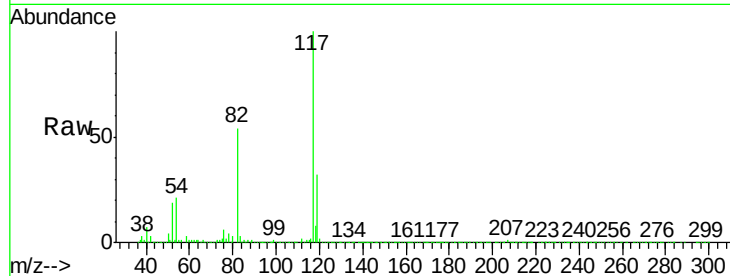
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.9	65.9
119	32.4	25.1	37.7

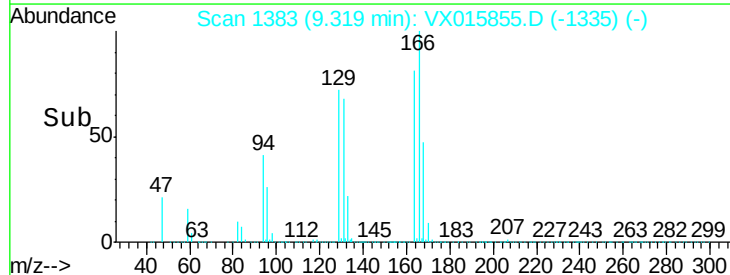
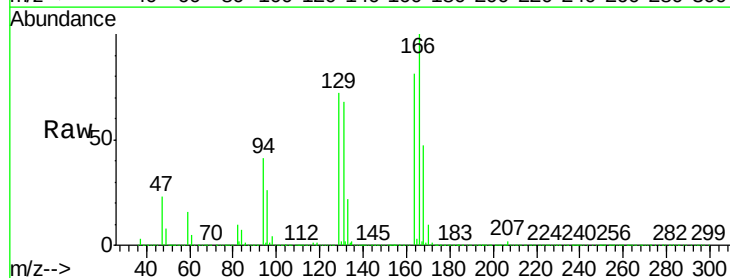
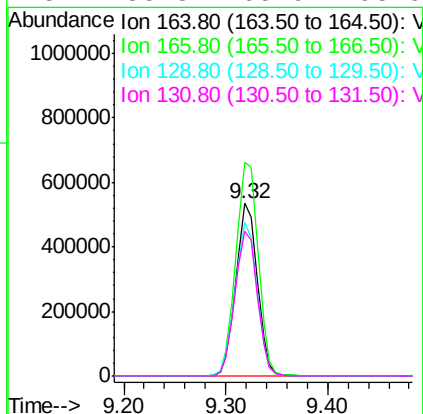
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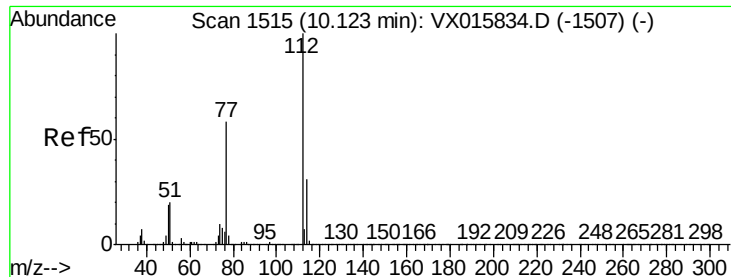
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#64
Tetrachloroethene
Concen: 44.436 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.2	150.2
129	89.3	64.5	96.7
131	83.8	65.9	98.9





#65

Chlorobenzene

Concen: 47.210 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1220332

Ion Ratio Lower Upper

112 100

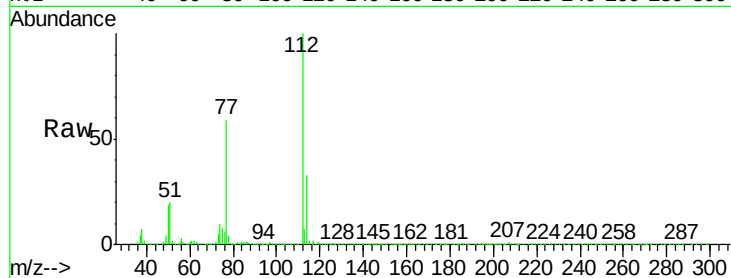
114 32.6 25.0 37.4

Manual Integrations

APPROVED

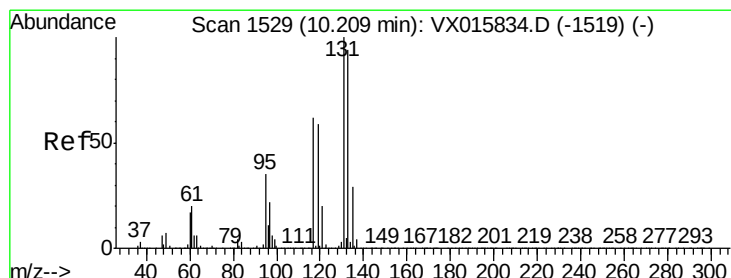
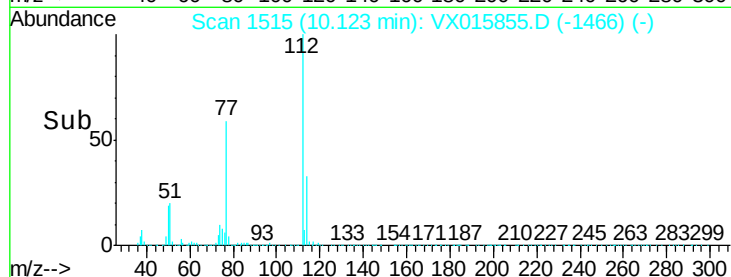
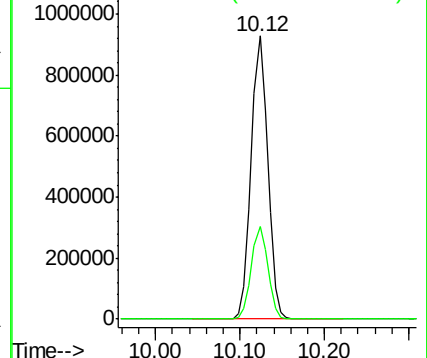
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.949 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

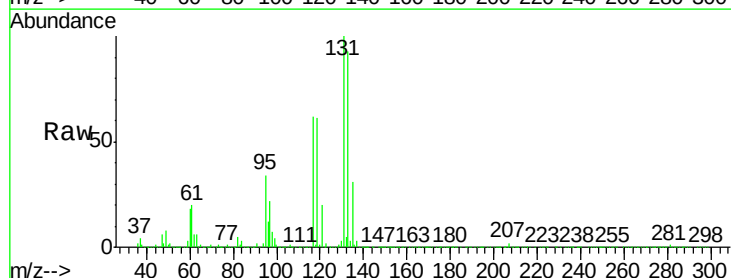
Tgt Ion:131 Resp: 482620

Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

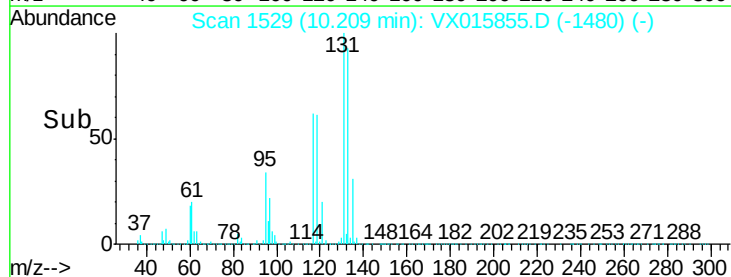
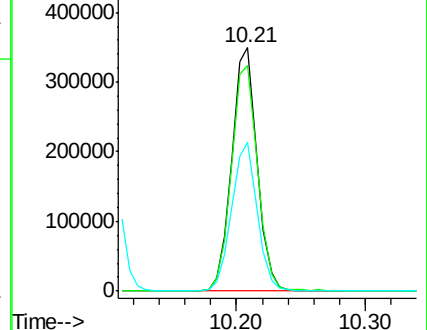
119 61.4 30.9 92.8

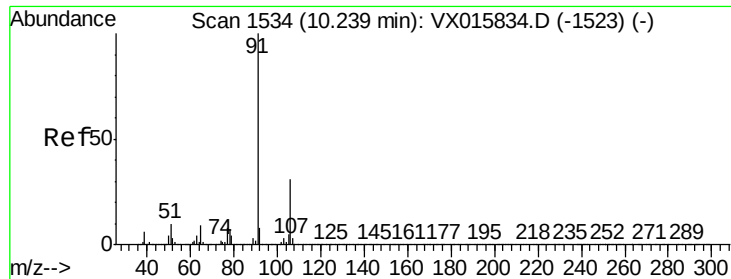


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





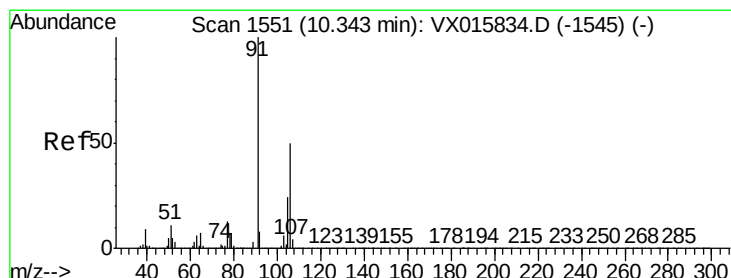
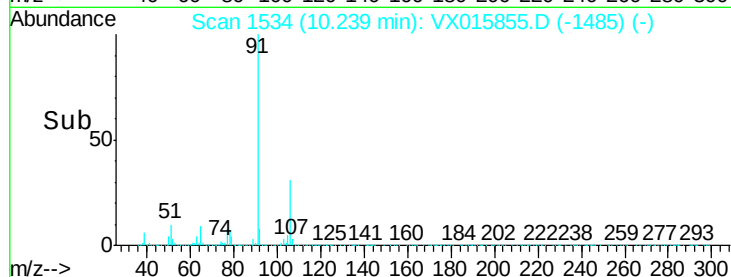
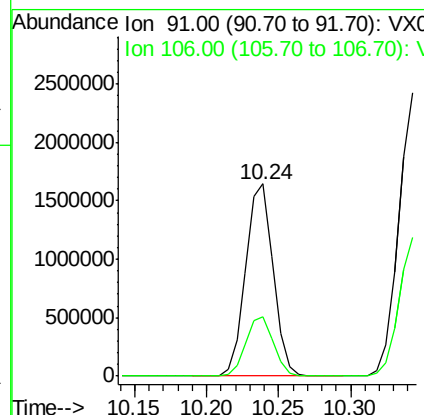
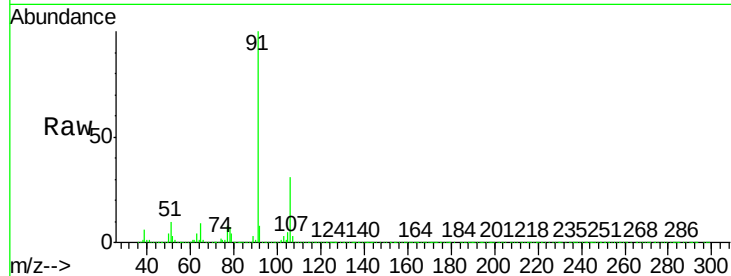
#67
Ethyl Benzene
Concen: 47.921 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2175246
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

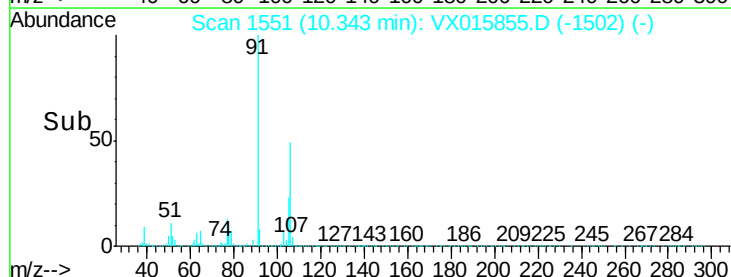
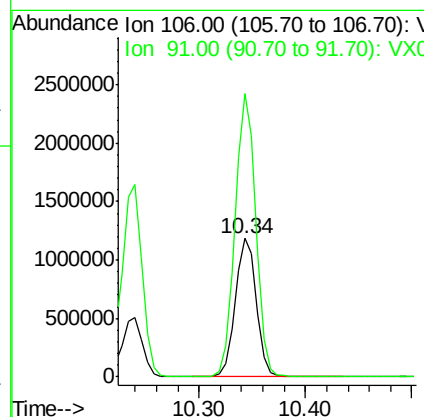
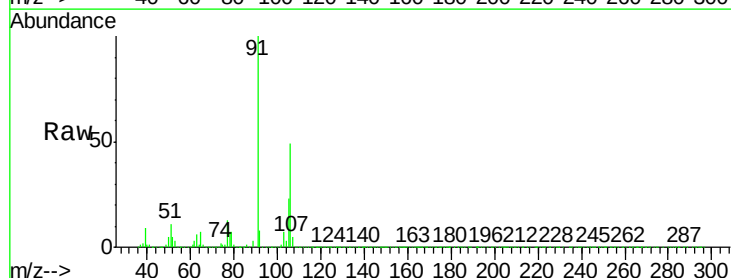
Manual Integrations
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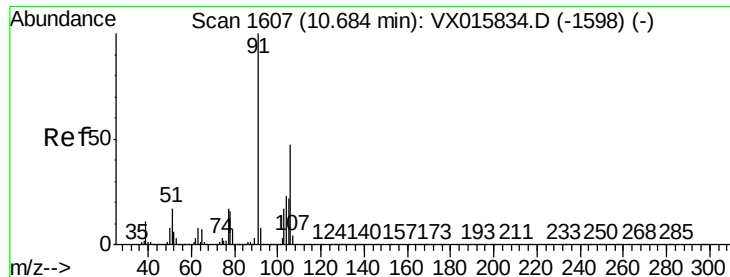
MMDadoda
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#68
m/p-Xylenes
Concen: 95.951 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion: 106 Resp: 1634832
Ion Ratio Lower Upper
106 100
91 202.3 161.1 241.7





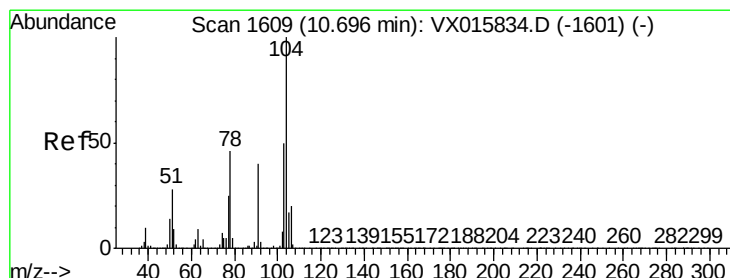
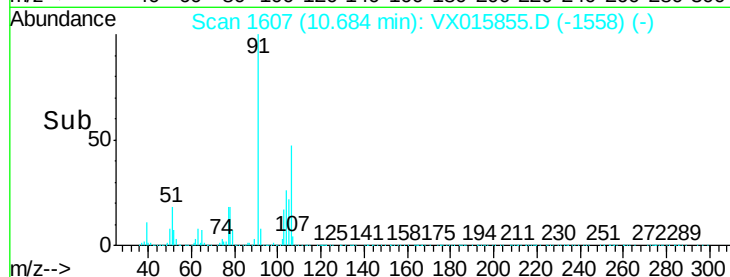
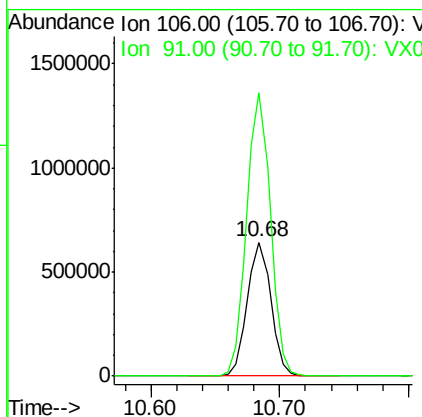
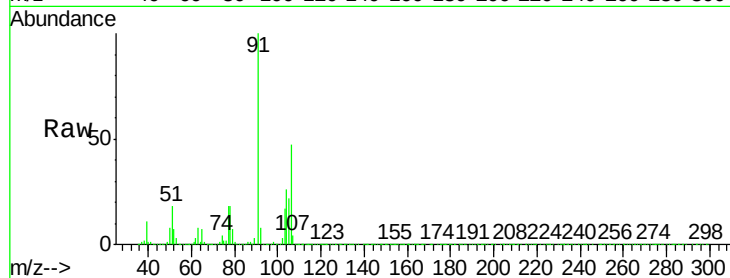
#69
o-Xylene
Concen: 48.565 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	107.1	321.3

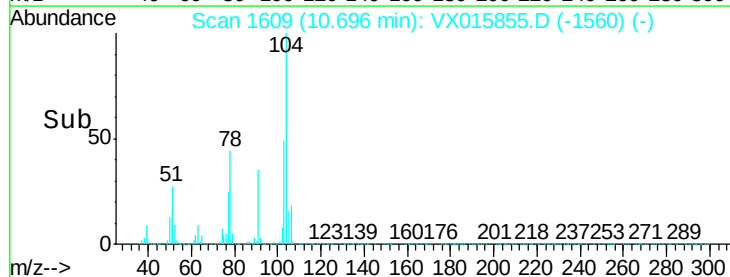
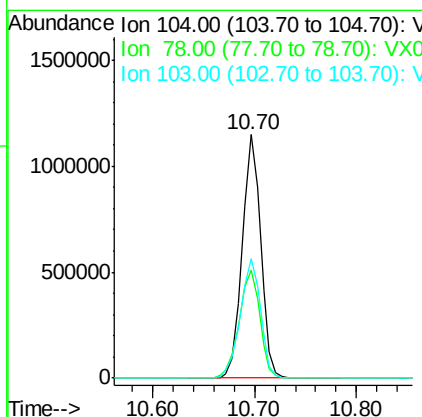
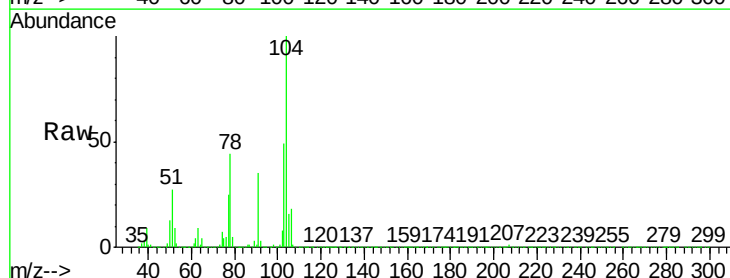
Manual Integrations
APPROVED

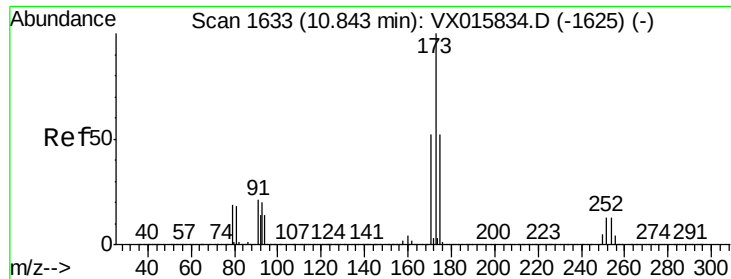
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#70
Styrene
Concen: 49.401 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.1	60.1
103	53.6	43.3	64.9





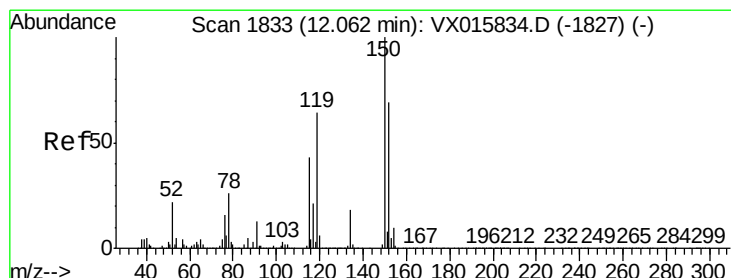
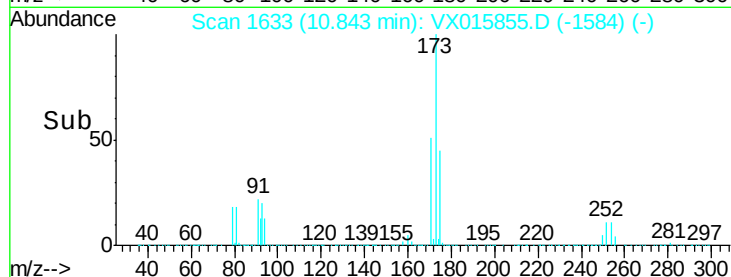
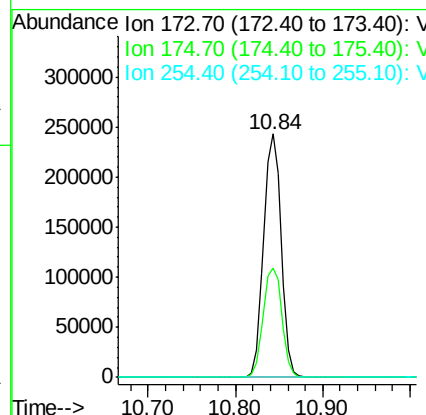
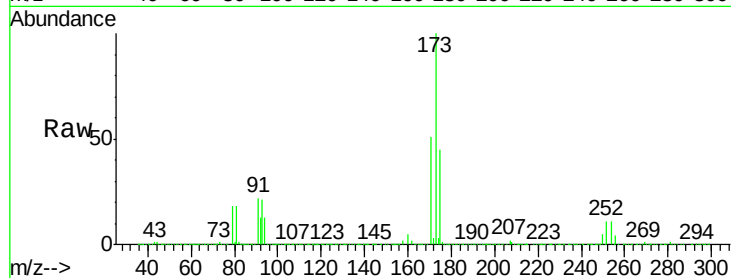
#71
Bromoform
Concen: 54.036 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	25.1	75.4
254	0.4	0.3	0.5

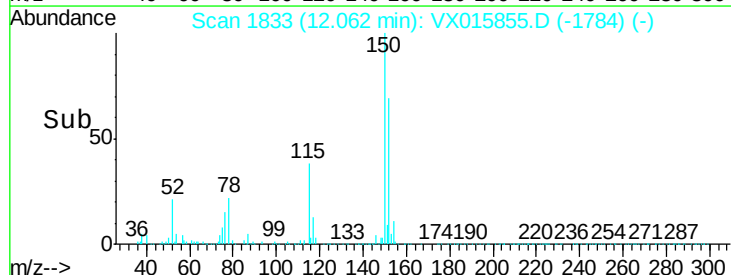
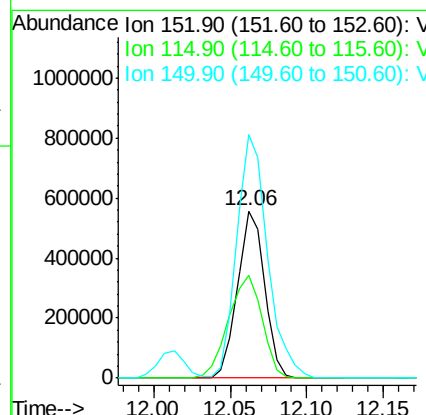
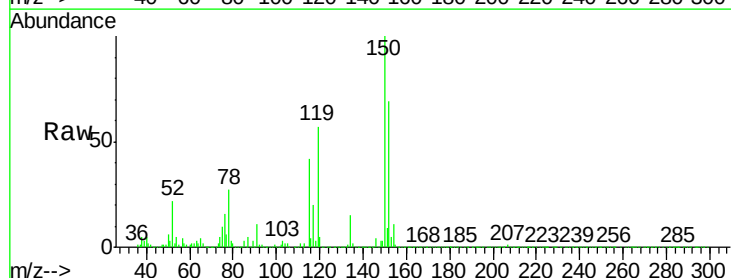
Manual Integrations
APPROVED

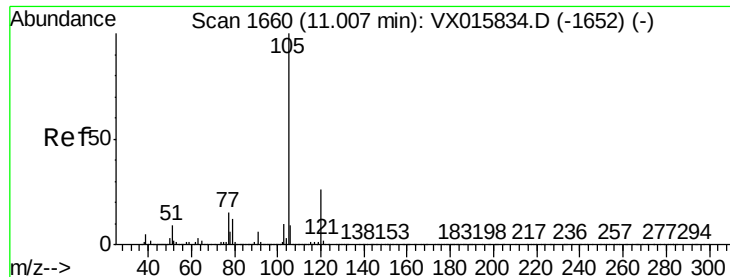
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.1	39.0	116.9
150	165.6	0.0	336.8





#73

Isopropylbenzene

Concen: 49.800 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2160773

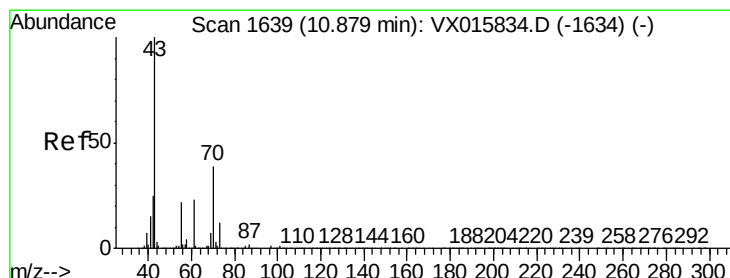
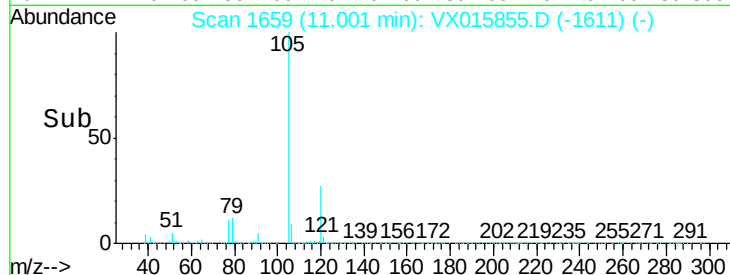
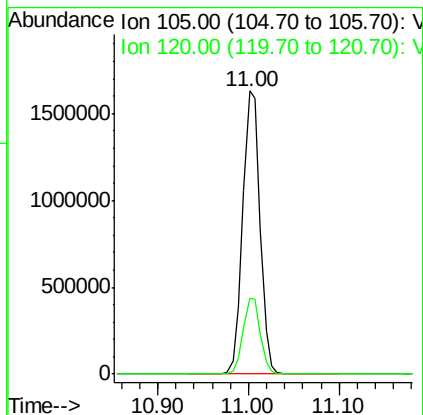
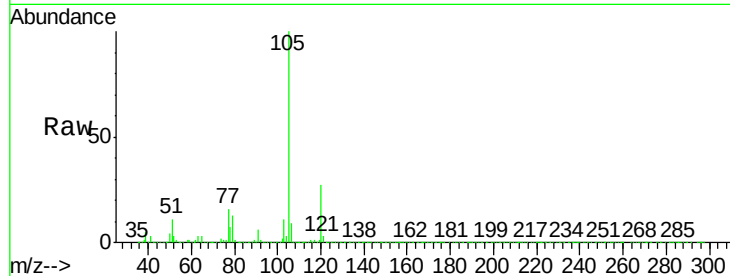
Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 48.421 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion: 43 Resp: 1084614

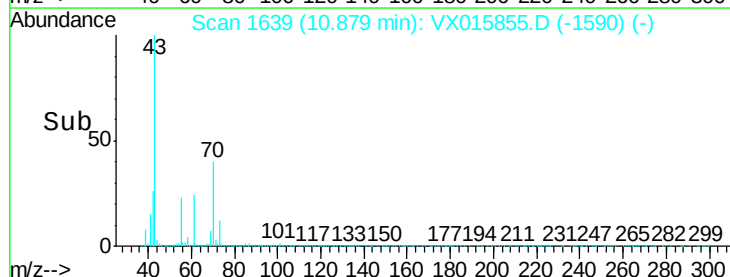
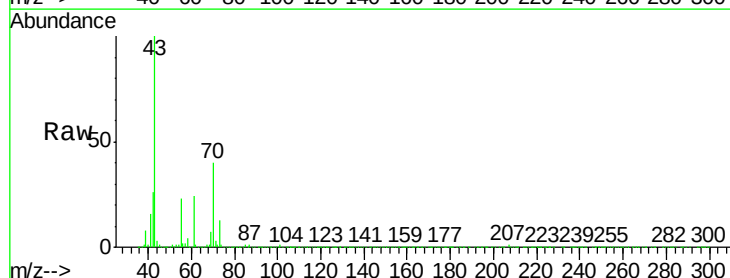
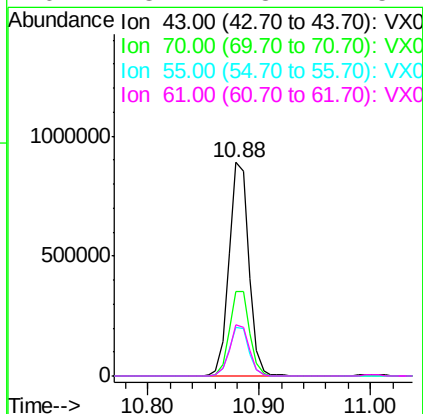
Ion Ratio Lower Upper

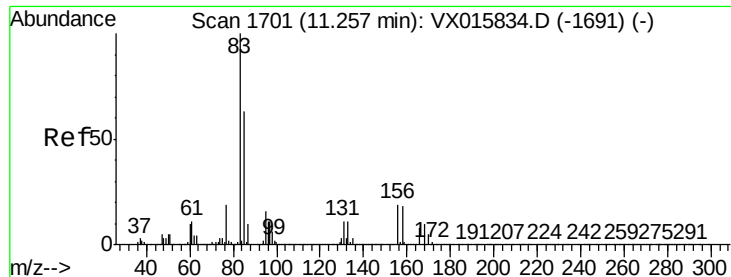
43 100

70 40.5 32.6 49.0

55 22.9 18.3 27.5

61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.461 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

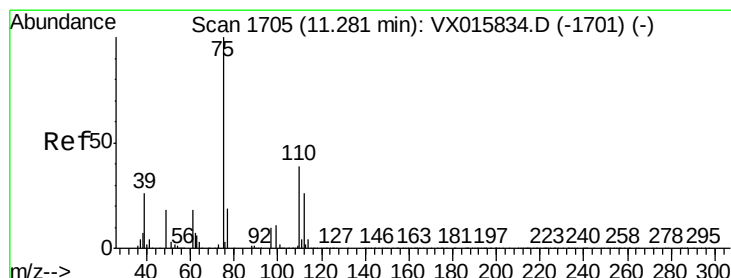
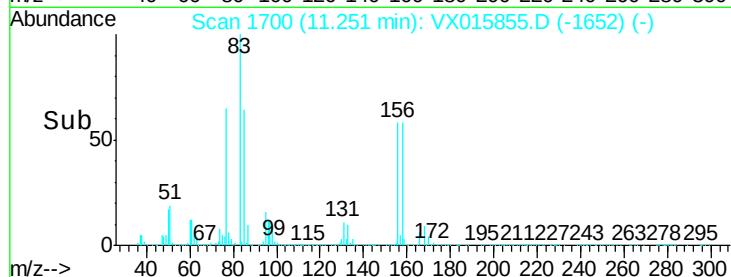
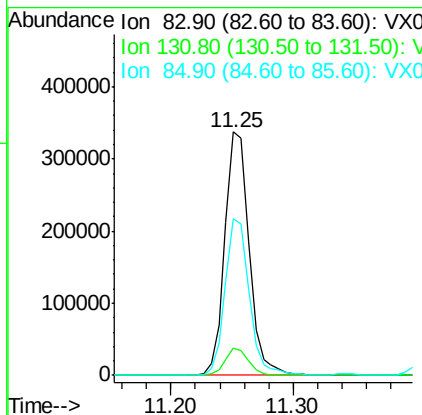
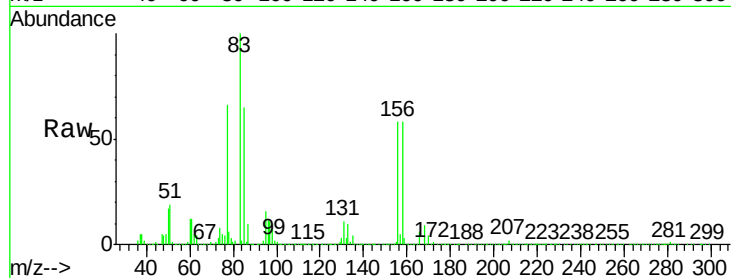
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	463364
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.922 ug/l m

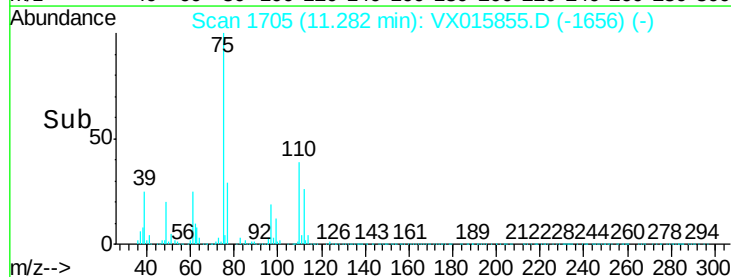
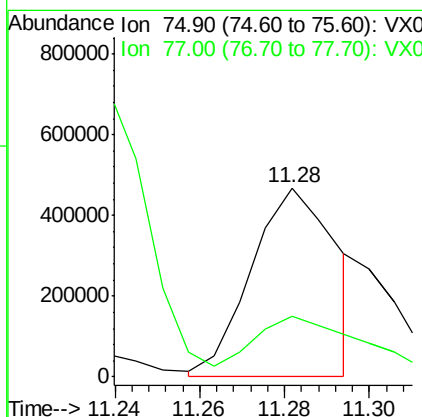
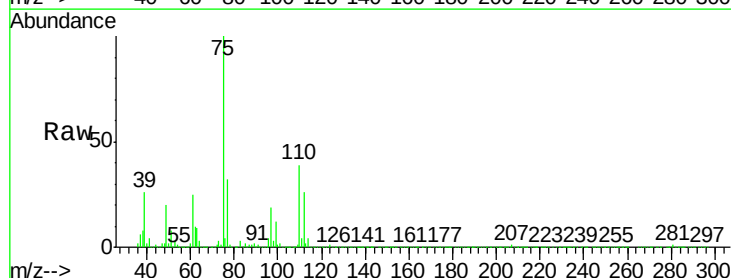
RT: 11.28 min Scan# 1705

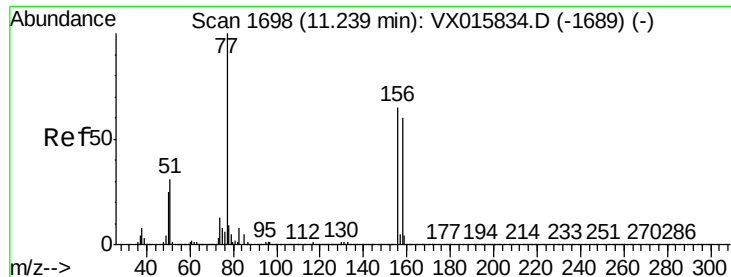
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	75	Resp:	648549
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.3	63.9





#77

Bromobenzene

Concen: 49.934 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

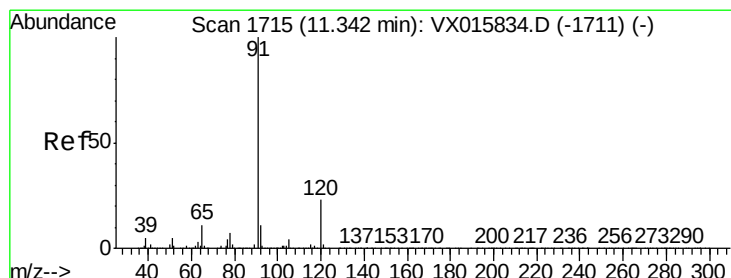
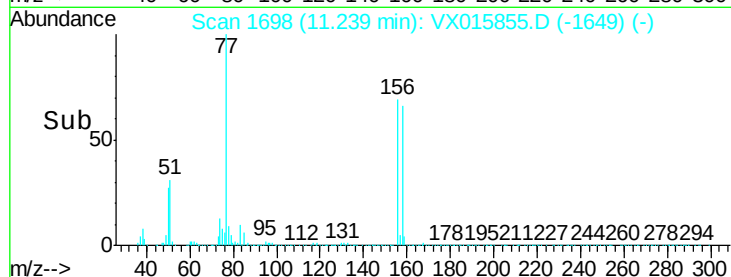
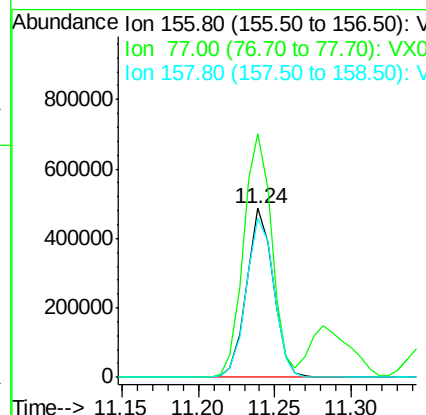
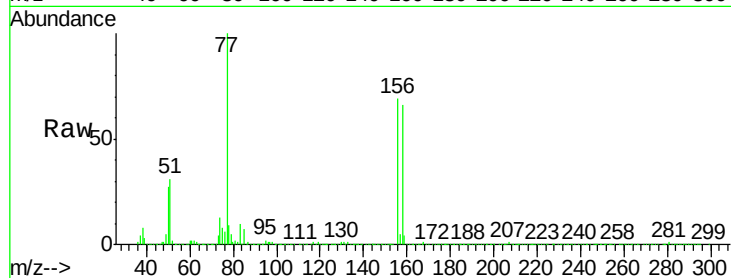
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	591980
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.2	225.6
158	97.8	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.457 ug/l

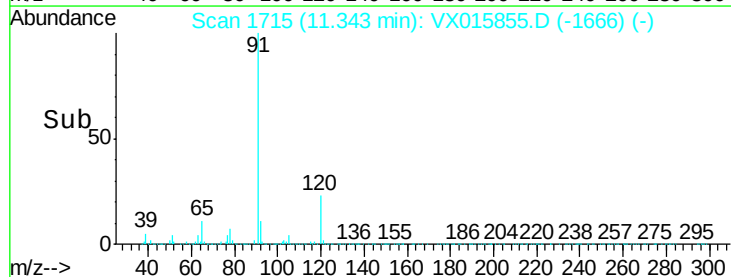
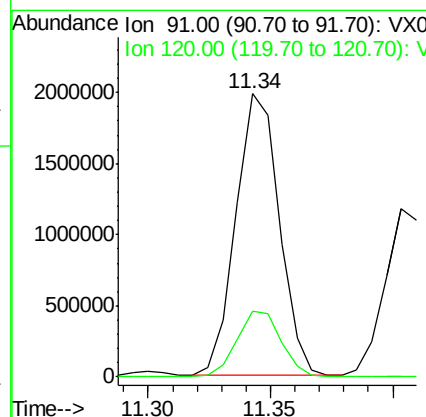
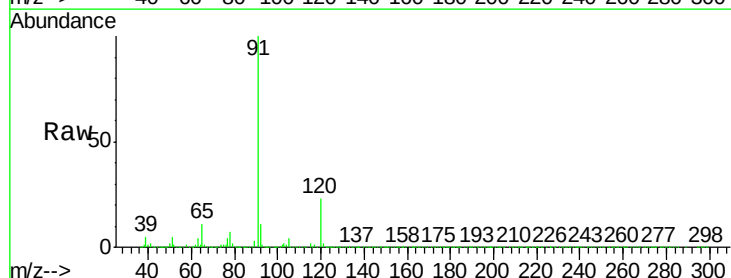
RT: 11.34 min Scan# 1715

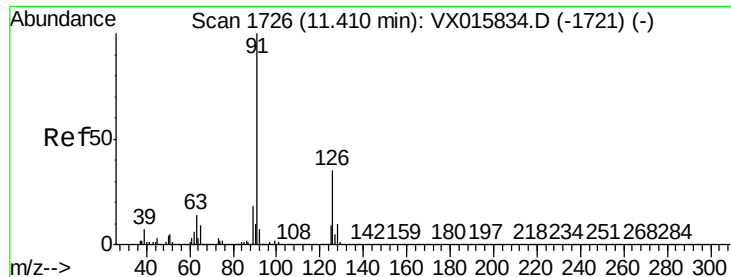
Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Tgt Ion:	91	Resp:	2458243
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.1





#79

2-Chlorotoluene

Concen: 49.693 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1483657

Ion Ratio Lower Upper

91 100

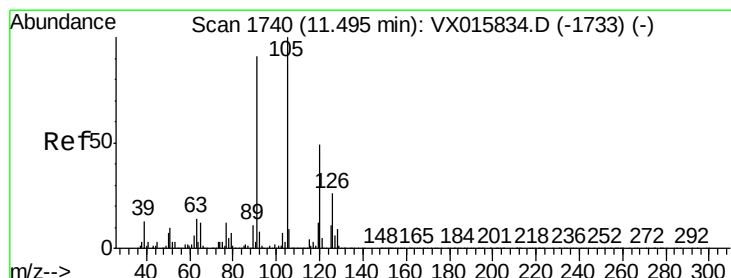
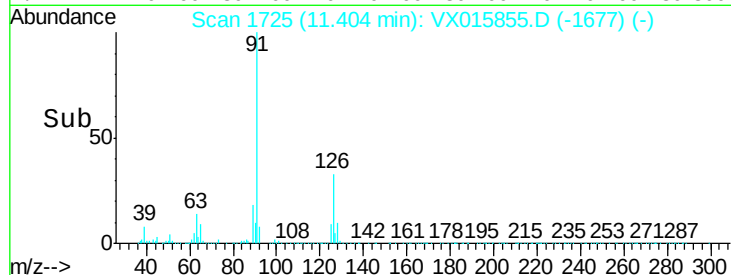
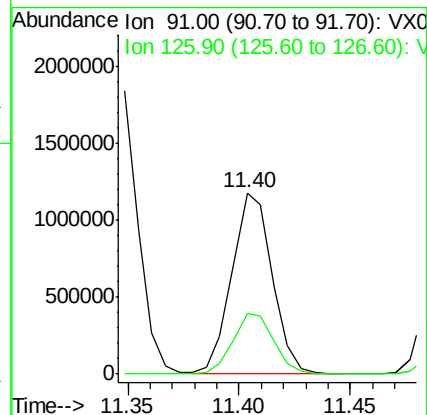
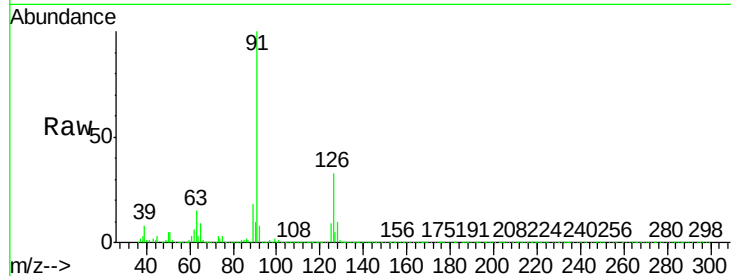
126 34.1 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.648 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015855.D

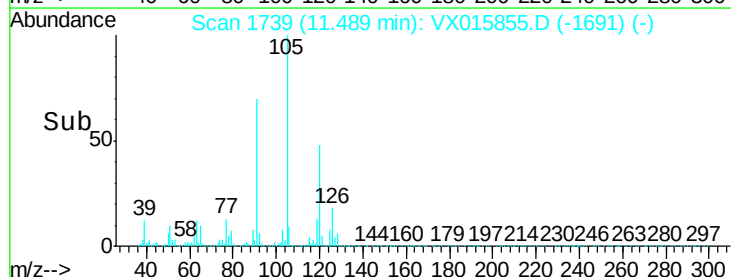
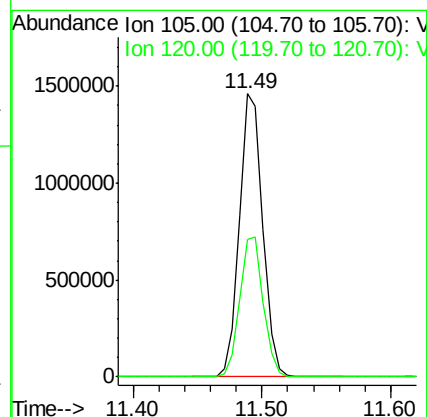
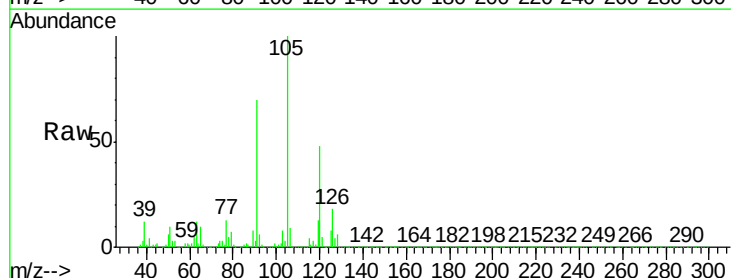
Acq: 22 Apr 2020 20:25

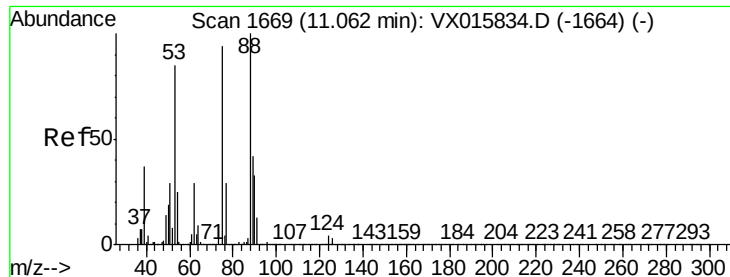
Tgt Ion: 105 Resp: 1836841

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





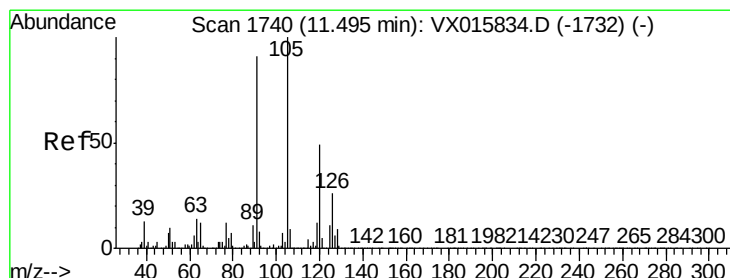
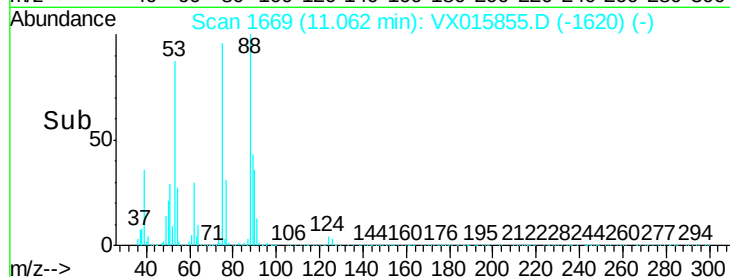
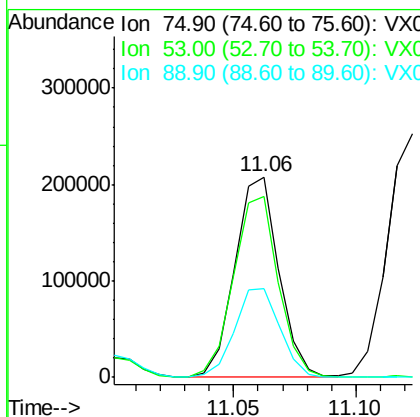
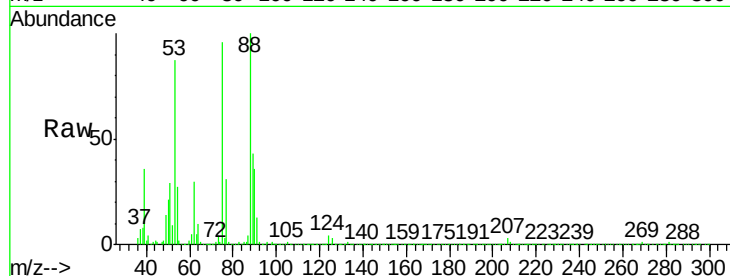
#81
trans-1,4-Dichloro-2-butene
Concen: 47.722 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.2	111.2
89	45.9	38.0	57.0

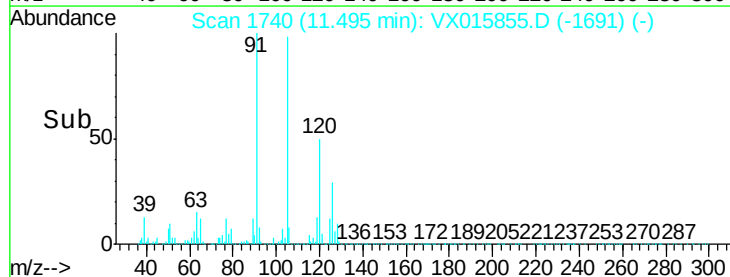
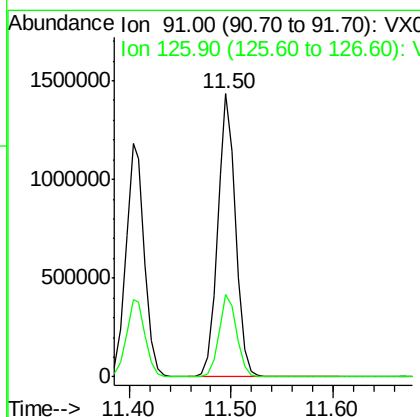
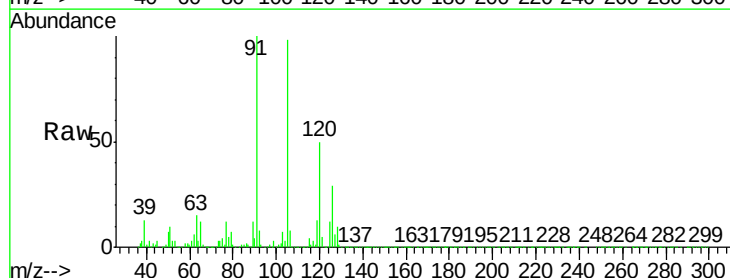
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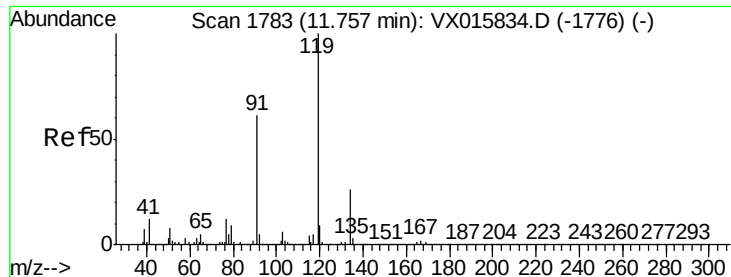
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#82
4-Chlorotoluene
Concen: 49.473 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.0	45.0





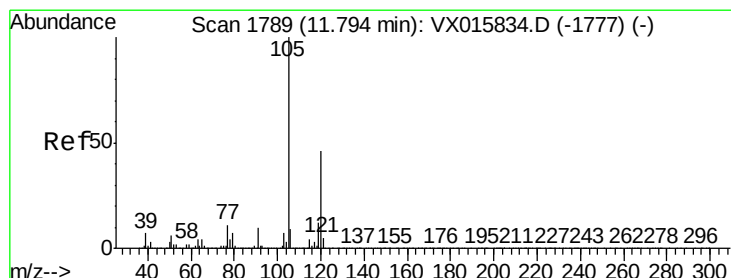
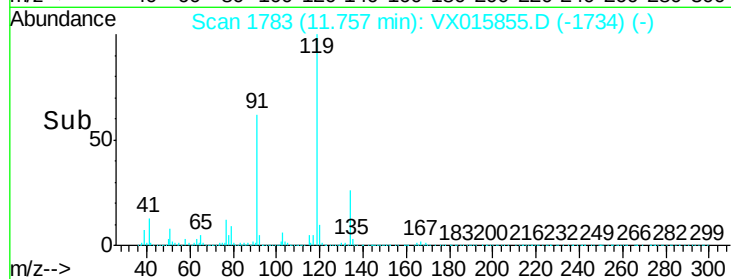
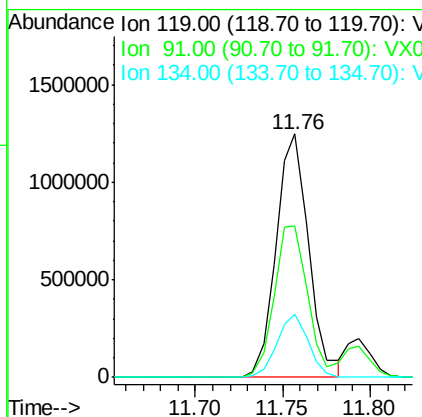
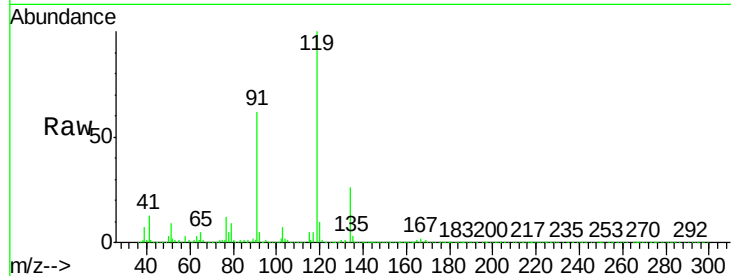
#83
 tert-Butylbenzene
 Concen: 49.223 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.9	92.7
134	25.0	12.4	37.2

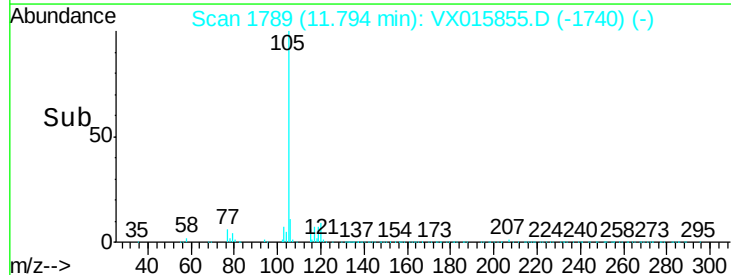
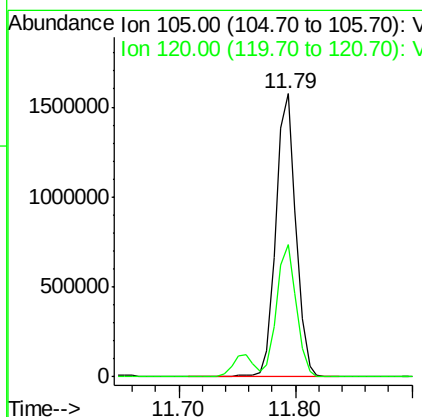
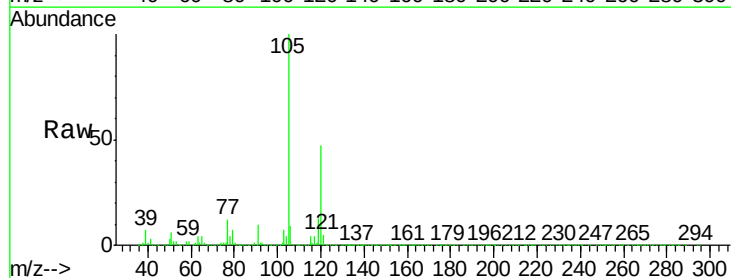
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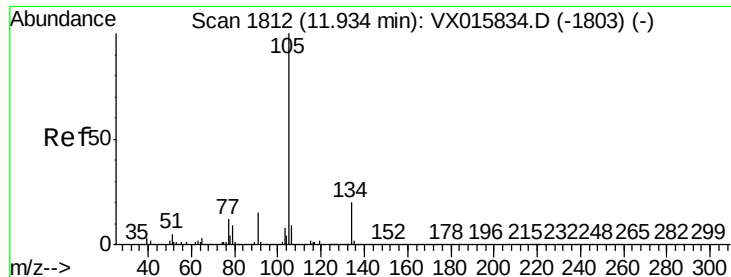
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.885 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 49.226 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2129588

Ion Ratio Lower Upper

105 100

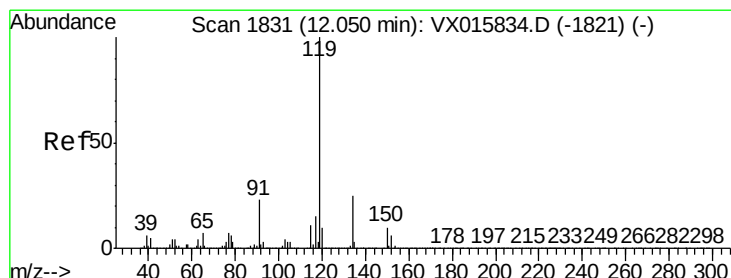
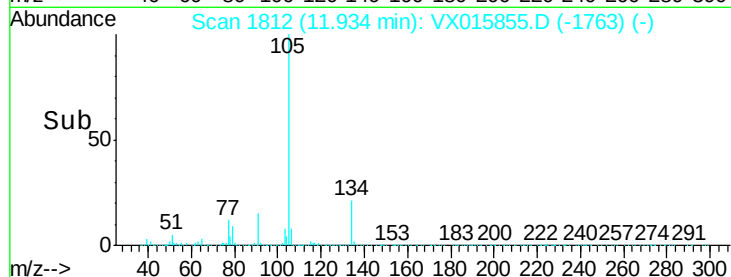
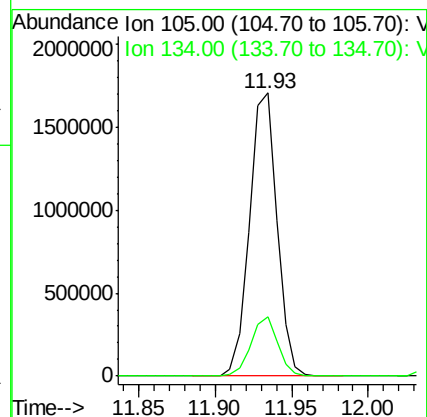
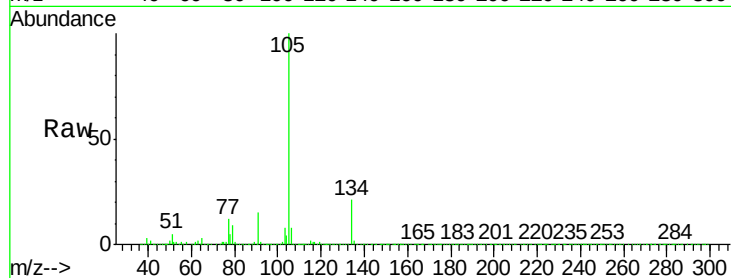
134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 48.918 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

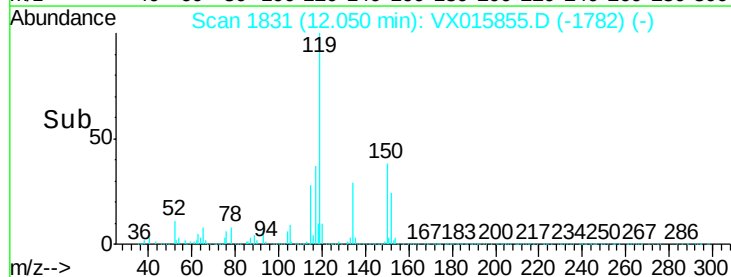
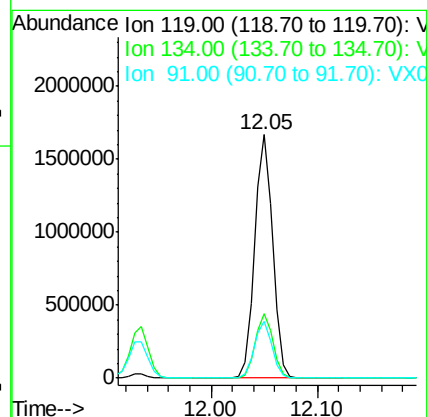
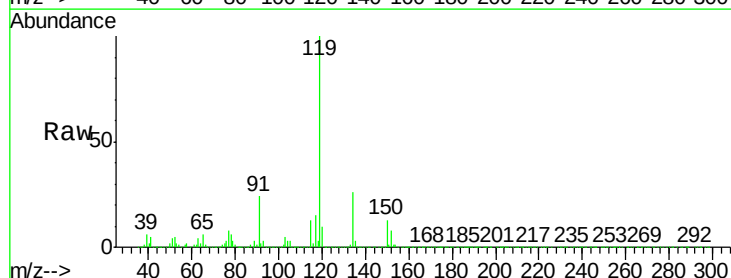
Tgt Ion:119 Resp: 1978855

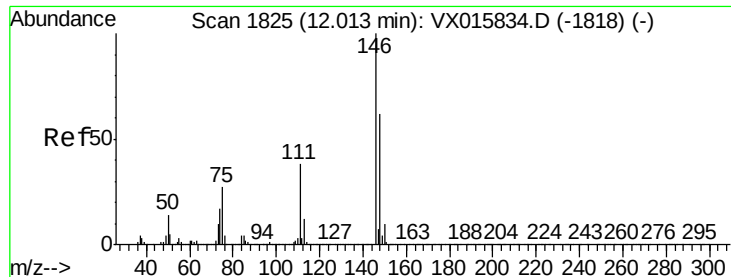
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.0 11.5 34.5





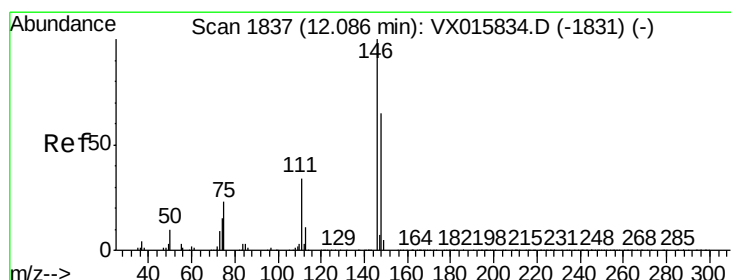
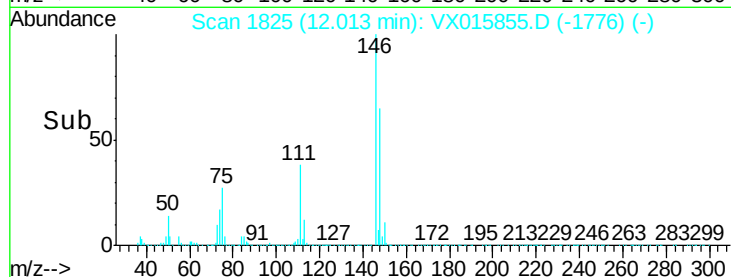
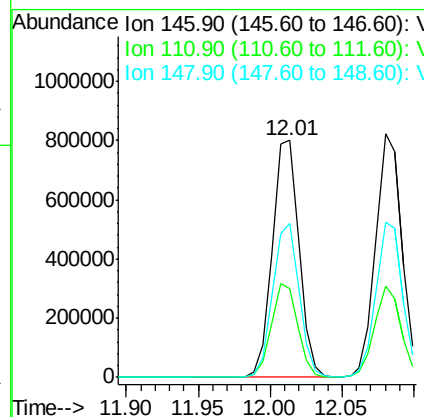
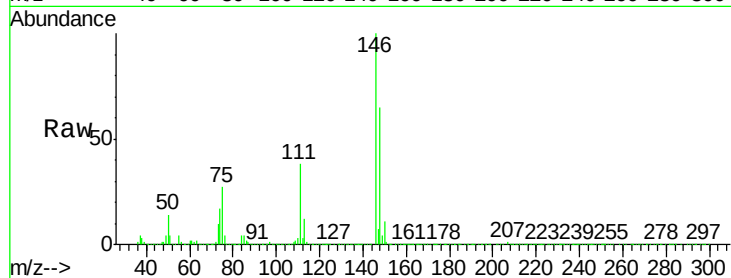
#87
 1,3-Dichlorobenzene
 Concen: 47.256 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	64.5	30.9	92.7

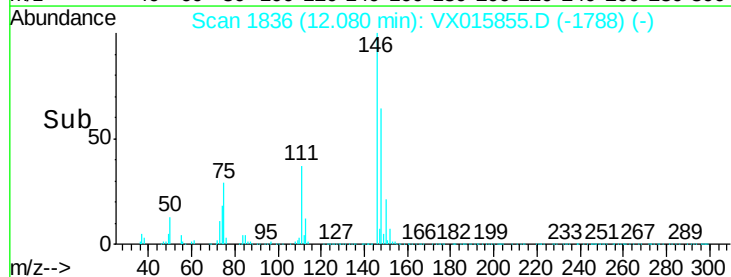
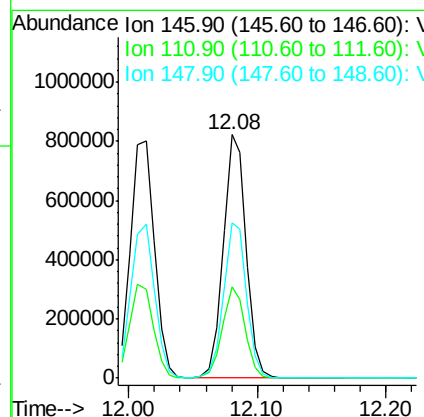
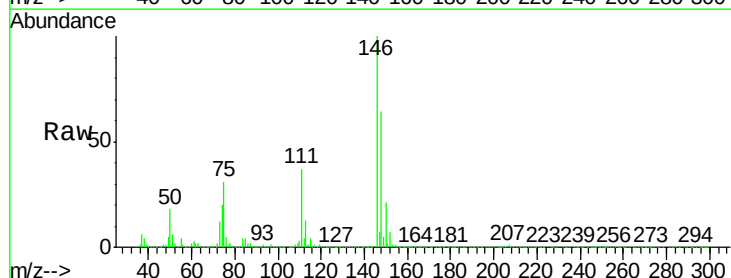
Manual Integrations
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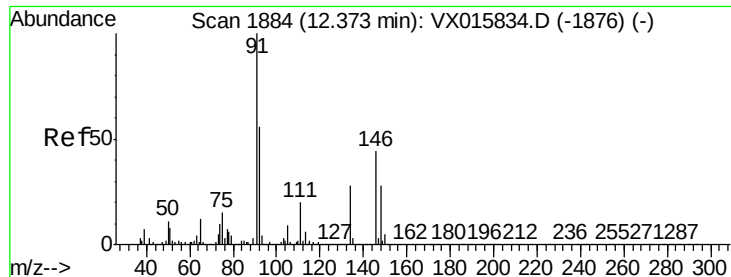
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#88
 1,4-Dichlorobenzene
 Concen: 46.938 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.4	58.2
148	64.4	33.8	101.4





#89

n-Butylbenzene

Concen: 47.144 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015855.D

Acq: 22 Apr 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1705080

Ion Ratio Lower Upper

91 100

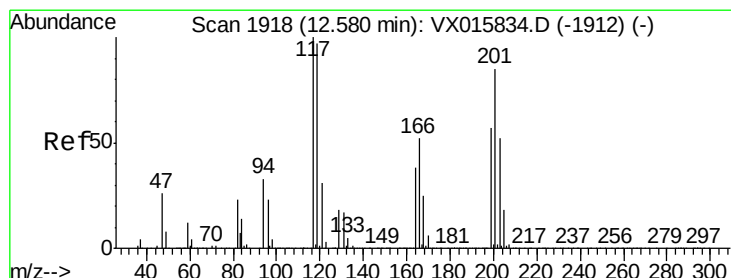
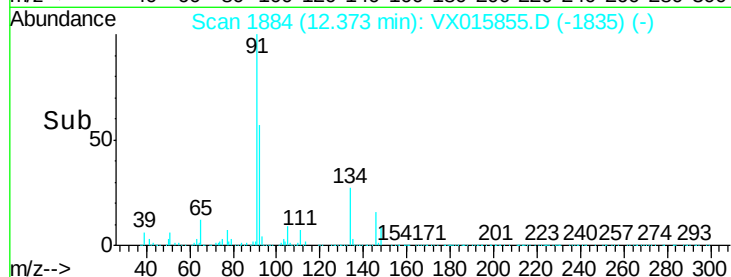
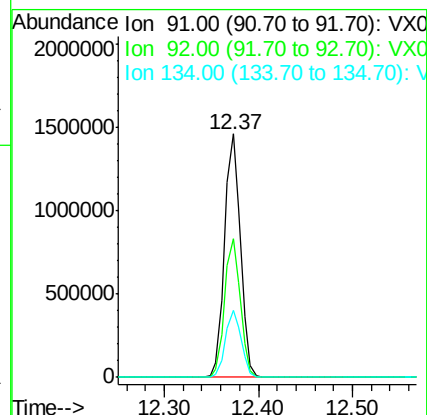
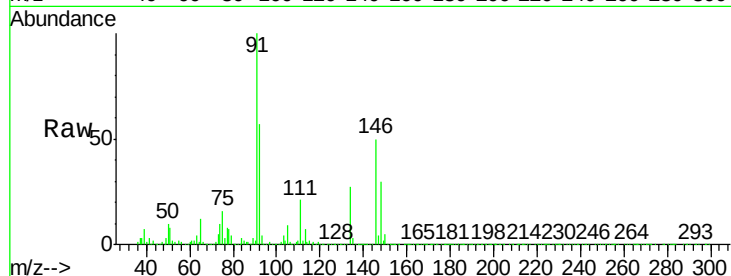
92 56.5 27.7 83.1

134 27.4 14.1 42.4

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#90

Hexachloroethane

Concen: 63.166 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015855.D

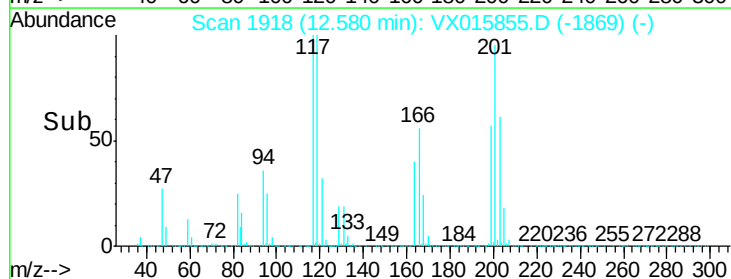
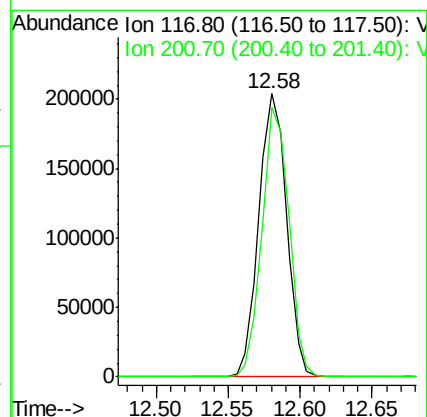
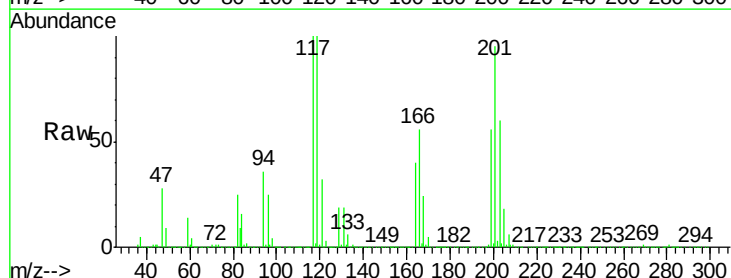
Acq: 22 Apr 2020 20:25

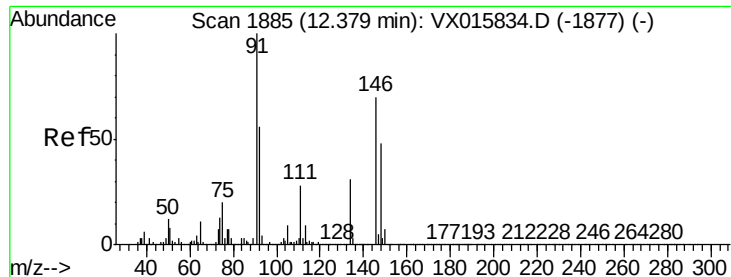
Tgt Ion: 117 Resp: 269935

Ion Ratio Lower Upper

117 100

201 92.9 45.6 136.9





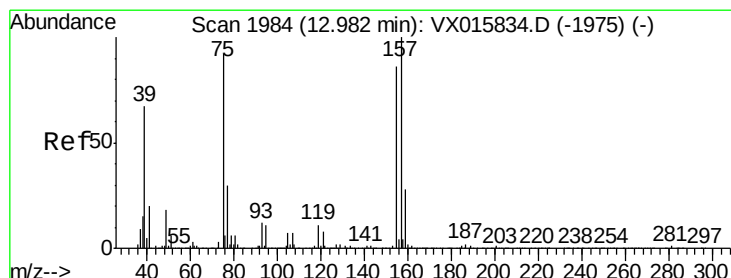
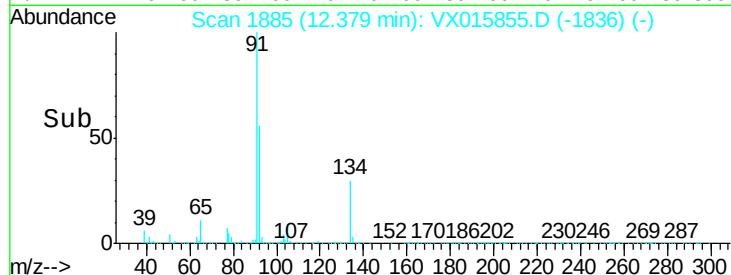
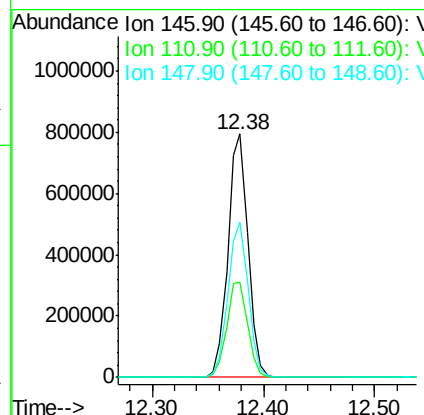
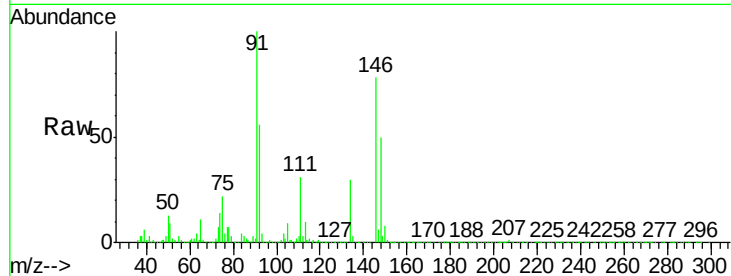
#91
 1,2-Dichlorobenzene
 Concen: 47.763 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.7	32.1	96.3

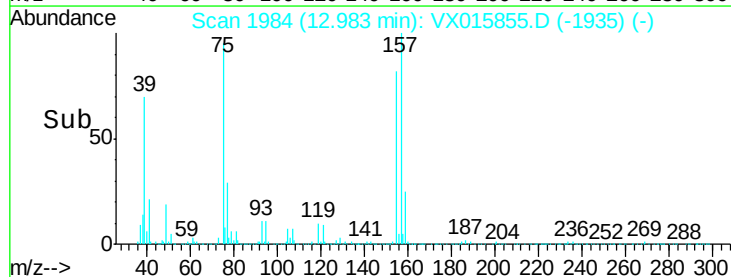
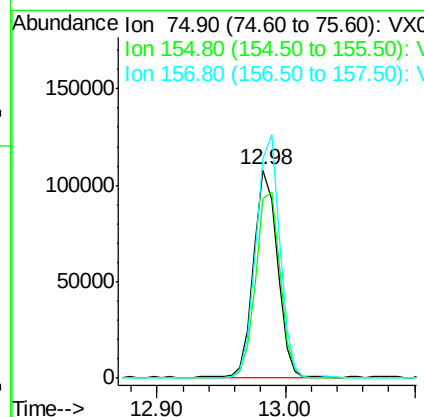
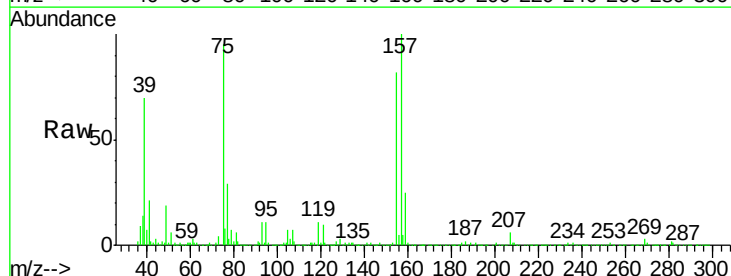
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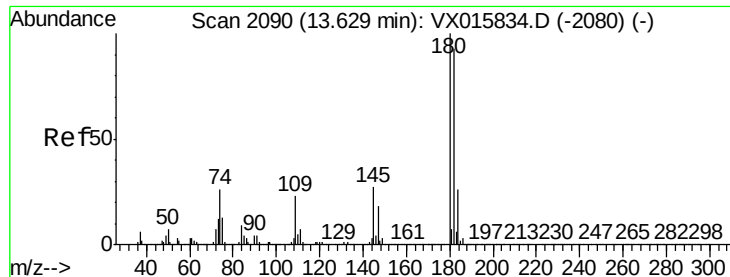
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.109 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015855.D
 Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.1	144.4
157	116.4	58.9	176.7





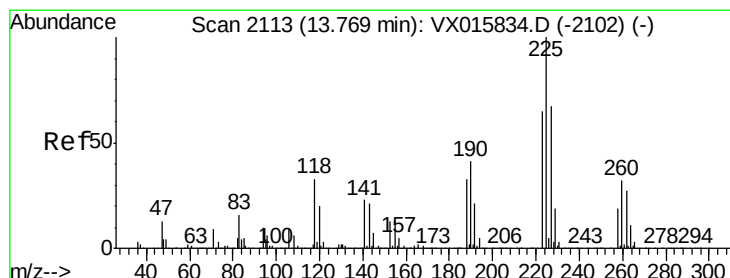
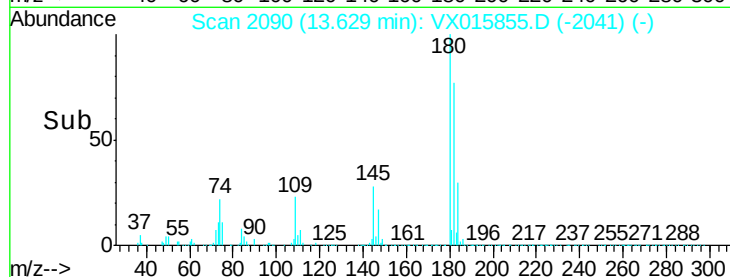
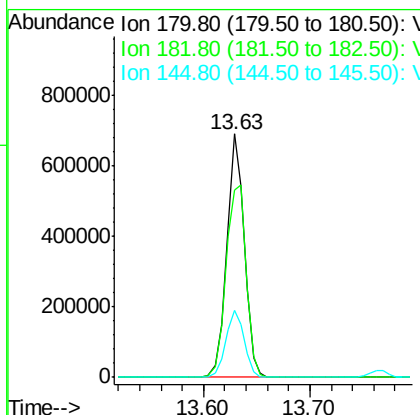
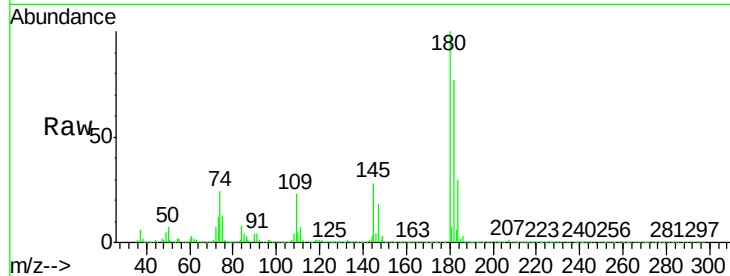
#93
1,2,4-Trichlorobenzene
Concen: 48.822 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	793996		
182	91.1	47.7	143.1	
145	28.7	14.5	43.5	

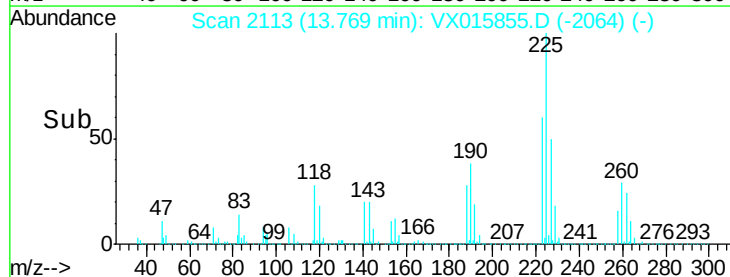
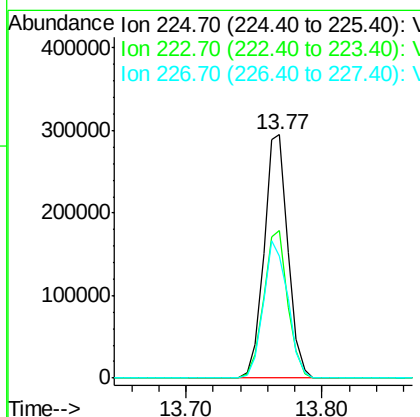
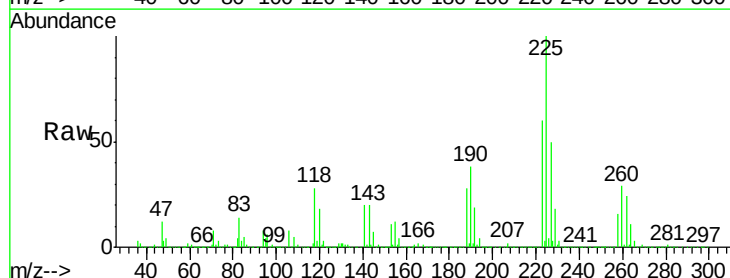
Manual Integrations
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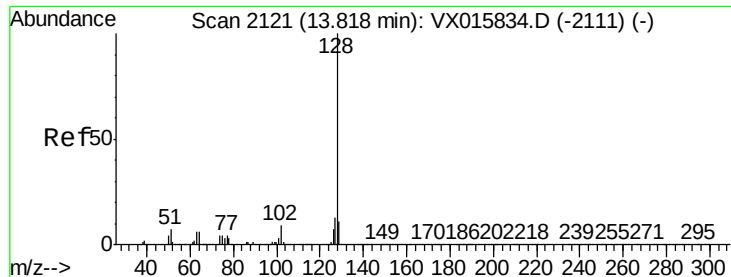
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#94
Hexachlorobutadiene
Concen: 49.901 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	363863		
223	61.0	31.3	93.8	
227	57.9	32.6	97.8	





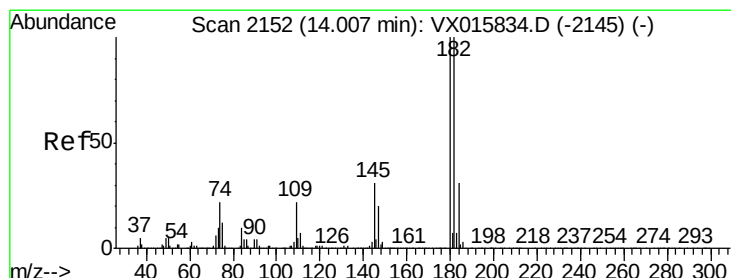
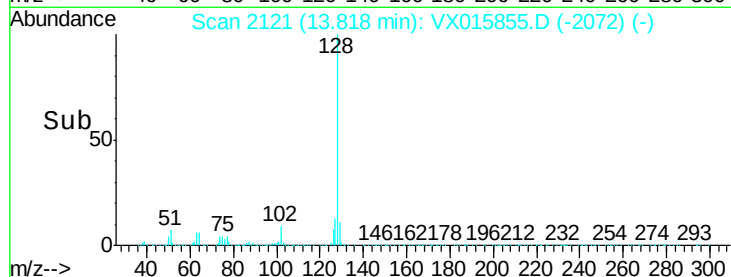
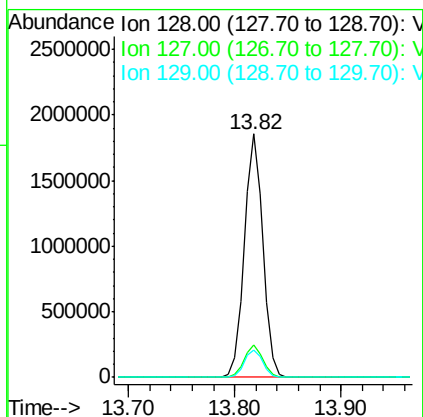
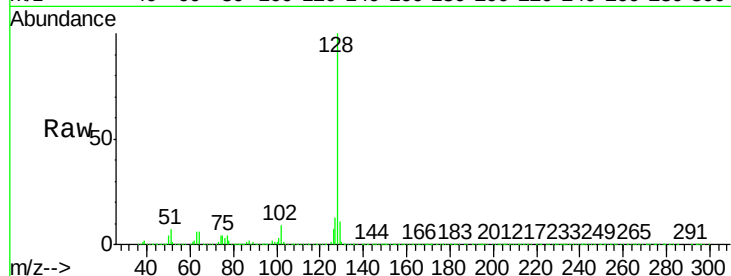
#95
Naphthalene
Concen: 48.326 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:15:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.561 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015855.D
Acq: 22 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.7
145	30.1	15.2	45.5

