

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014594.D
 Acq On : 13 Jan 2020 18:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 3:11:23 PM

Quant Time: Jan 14 15:01:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	712157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	265070	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	220431	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.71	98	844435	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	299851	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	279796	47.534	ug/l	99
3) Chloromethane	1.32	50	290978	48.134	ug/l	100
4) Vinyl Chloride	1.40	62	338549	50.259	ug/l	98
5) Bromomethane	1.63	94	201996	45.238	ug/l	99
6) Chloroethane	1.72	64	187643	51.150	ug/l	99
7) Trichlorofluoromethane	1.92	101	371953	48.677	ug/l	99
8) Diethyl Ether	2.18	74	164042	47.056	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218533	47.008	ug/l	99
10) Methyl Iodide	2.50	142	296270	53.223	ug/l	100
11) Tert butyl alcohol	3.03	59	286395	259.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	219346	46.831	ug/l	99
13) Acrolein	2.28	56	206217	232.748	ug/l	98
14) Allyl chloride	2.72	41	398744	48.490	ug/l	99
15) Acrylonitrile	3.13	53	684098	256.416	ug/l	99
16) Acetone	2.43	43	641074	241.363	ug/l	98
17) Carbon Disulfide	2.56	76	576544	44.115	ug/l	100
18) Methyl Acetate	2.76	43	412172	54.168	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	747116	49.689	ug/l	99
20) Methylene Chloride	2.85	84	260422	48.898	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	235872	46.128	ug/l	98
22) Diisopropyl ether	3.84	45	809312	50.927	ug/l	97
23) Vinyl Acetate	3.80	43	3214523	261.265	ug/l	100
24) 1,1-Dichloroethane	3.69	63	434511	50.261	ug/l	99
25) 2-Butanone	4.65	43	975058	246.564	ug/l	99
26) 2,2-Dichloropropane	4.58	77	336445	45.941	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	272720	47.710	ug/l	99
28) Bromochloromethane	5.01	49	174841	47.997	ug/l	97
29) Tetrahydrofuran	5.11	42	618714	264.623	ug/l	98
30) Chloroform	5.20	83	421279	49.869	ug/l	97
31) Cyclohexane	5.57	56	398782	49.282	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	355316	49.138	ug/l	100
36) 1,1-Dichloropropene	5.79	75	317563	47.417	ug/l	99
37) Ethyl Acetate	4.82	43	370093	50.875	ug/l	99
38) Carbon Tetrachloride	5.78	117	303698	49.278	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405029	48.138	ug/l	98
40) Benzene	6.13	78	989412	49.776	ug/l	98
41) Methacrylonitrile	5.03	41	205998	53.102	ug/l	98
42) 1,2-Dichloroethane	6.18	62	339804	48.894	ug/l	100
43) Isopropyl Acetate	6.43	43	608279	51.762	ug/l	99
44) Trichloroethene	7.21	130	270992	47.441	ug/l	99
45) 1,2-Dichloropropane	7.51	63	256608	50.636	ug/l	99
46) Dibromomethane	7.65	93	165761	46.864	ug/l	99
47) Bromodichloromethane	7.89	83	327316	50.857	ug/l	100
48) Methyl methacrylate	7.76	41	299310	53.179	ug/l	99
49) 1,4-Dioxane	7.73	88	124854	1046.917	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1894467	264.553	ug/l	99
52) Toluene	8.78	92	621428	48.838	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367192	49.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406285	50.195	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255425	49.977	ug/l	99
56) Ethyl methacrylate	9.17	69	406955	51.974	ug/l	99
57) 1,3-Dichloropropane	9.37	76	424340	49.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	701509	263.326	ug/l	99
59) 2-Hexanone	9.48	43	1458494	257.407	ug/l	99
60) Dibromochloromethane	9.57	129	266882	51.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	265743	49.086	ug/l	99
64) Tetrachloroethene	9.33	164	281012	43.413	ug/l	99
65) Chlorobenzene	10.14	112	666929	47.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	251316	50.242	ug/l	99
67) Ethyl Benzene	10.25	91	1175348	49.198	ug/l	99
68) m/p-Xylenes	10.35	106	902871	97.960	ug/l	99
69) o-Xylene	10.70	106	439372	49.963	ug/l	100
70) Styrene	10.71	104	757998	49.947	ug/l	99
71) Bromoform	10.85	173	206035	50.344	ug/l #	100
73) Isopropylbenzene	11.01	105	1160177	50.277	ug/l	100
74) N-amyl acetate	10.89	43	542978	53.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	389696	52.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	320367m	47.119	ug/l	
77) Bromobenzene	11.25	156	302463	47.264	ug/l	99
78) n-propylbenzene	11.35	91	1325060	50.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	774901	49.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	962713	50.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132489	51.518	ug/l	99
82) 4-Chlorotoluene	11.51	91	891679	48.229	ug/l	99
83) tert-Butylbenzene	11.76	119	925794	51.143	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	972270	50.223	ug/l	100
85) sec-Butylbenzene	11.94	105	1107404	49.210	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043423	49.967	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	533882	46.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534437	49.527	ug/l	99
89) n-Butylbenzene	12.39	91	896148	46.935	ug/l	100
90) Hexachloroethane	12.59	117	183856	50.123	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	538495	47.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84303	50.644	ug/l	98

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ClientSampleId :
VSTDCCC050EC

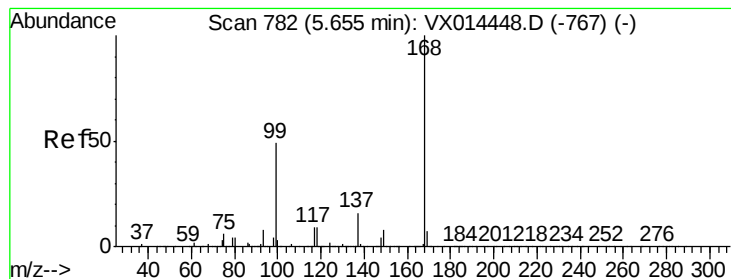
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	368412	46.643	ug/l	100
94) Hexachlorobutadiene	13.78	225	179123	48.430	ug/l	99
95) Naphthalene	13.83	128	1122604	45.798	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	363546	46.889	ug/l	99

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



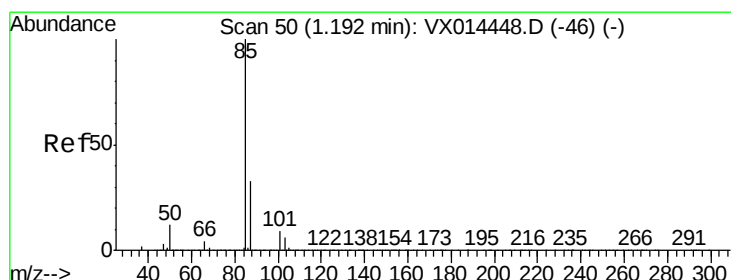
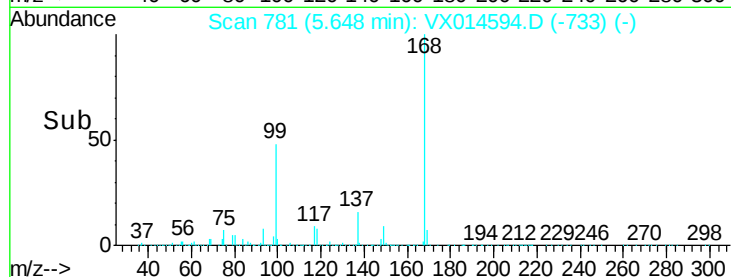
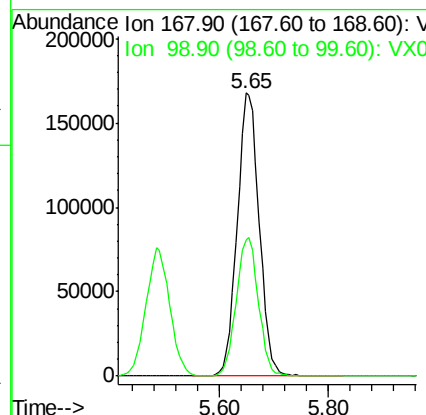
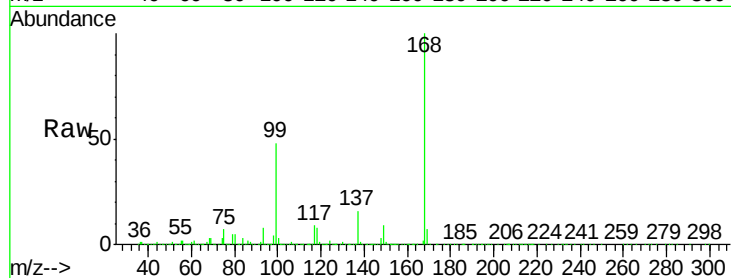
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.2	58.8

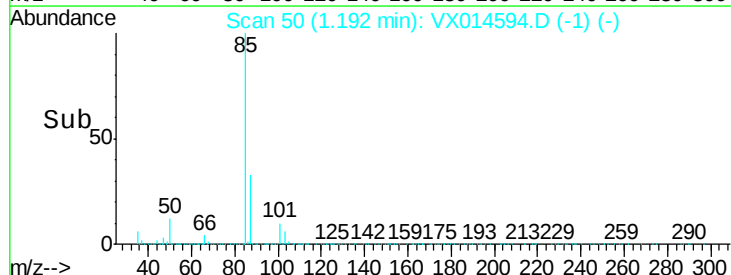
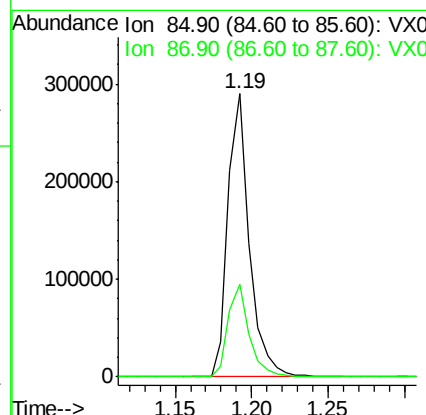
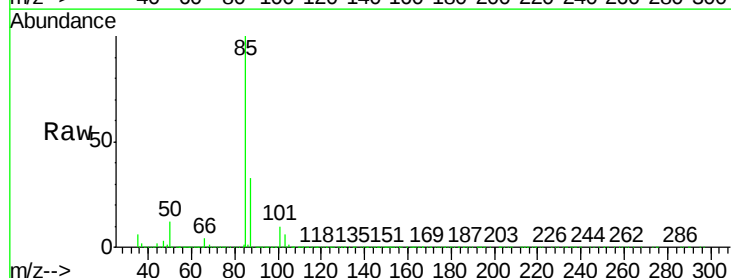
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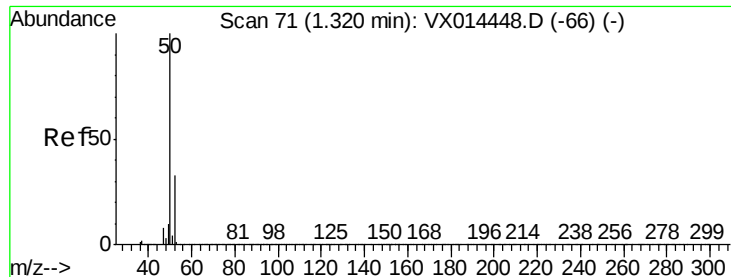
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#2
Dichlorodifluoromethane
Concen: 47.534 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.5	49.5





#3

Chloromethane

Concen: 48.134 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 290978

Ion Ratio Lower Upper

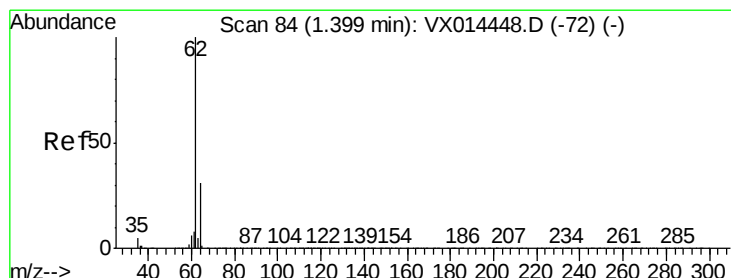
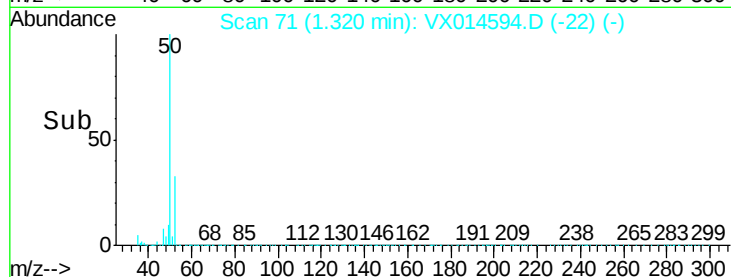
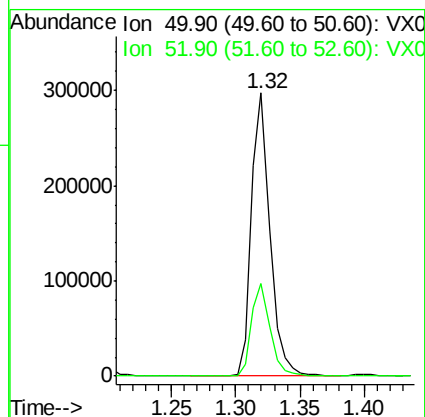
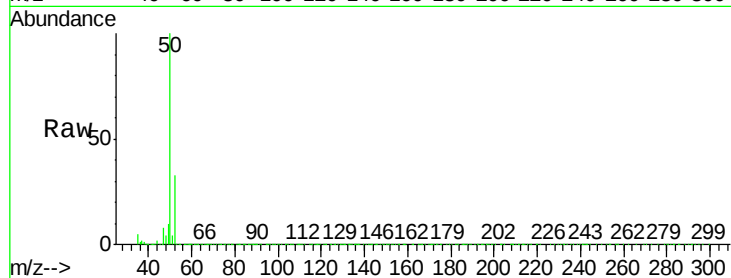
50 100

52 32.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.259 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014594.D

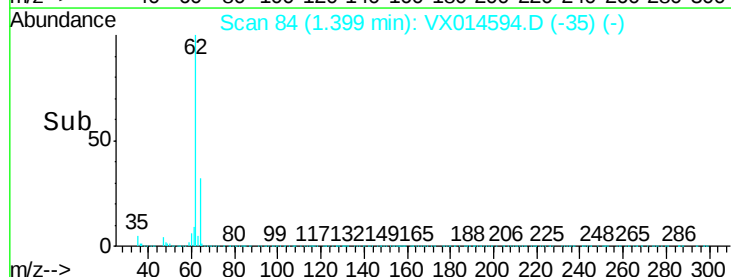
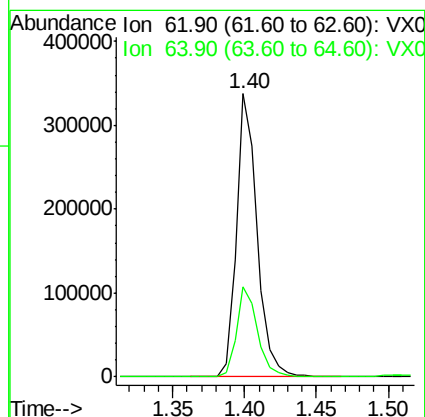
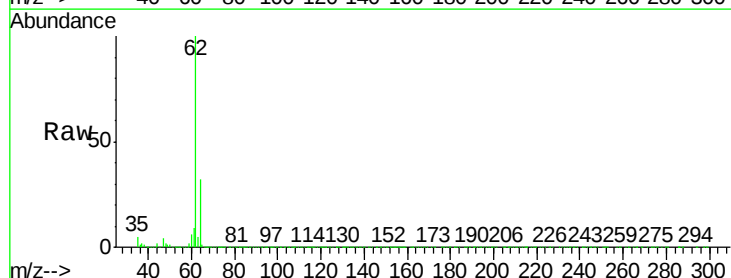
Acq: 13 Jan 2020 18:04

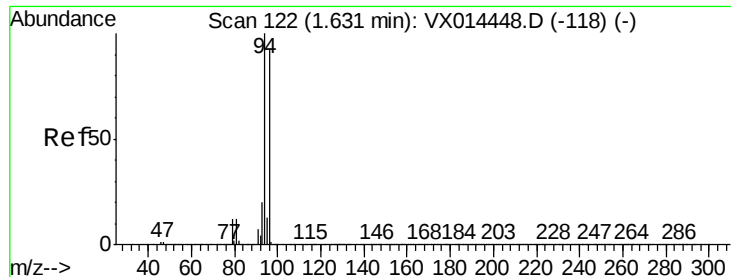
Tgt Ion: 62 Resp: 338549

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 45.238 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 201996

Ion Ratio Lower Upper

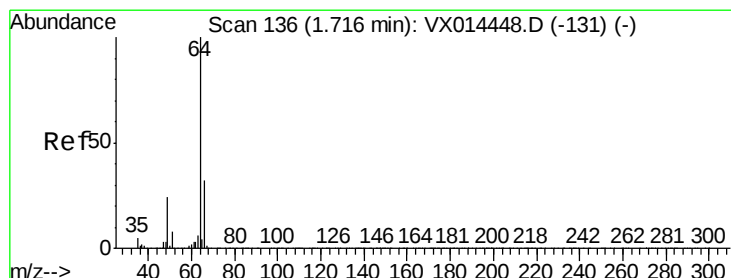
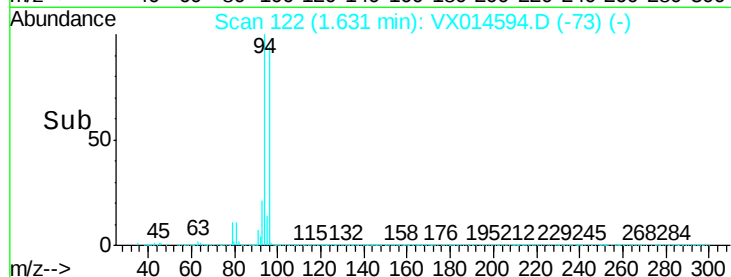
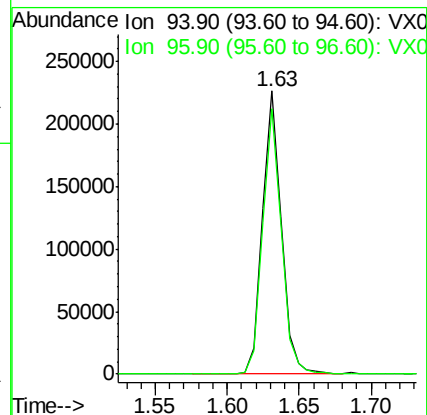
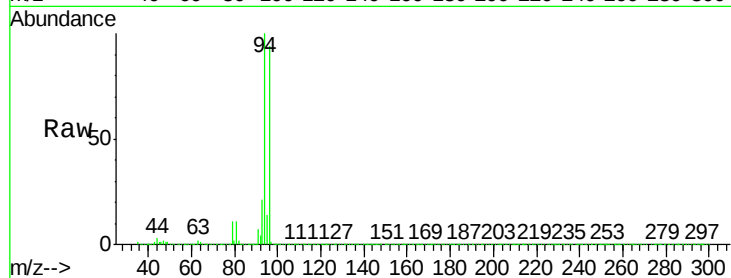
94 100

96 93.7 74.2 111.2

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#6

Chloroethane

Concen: 51.150 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014594.D

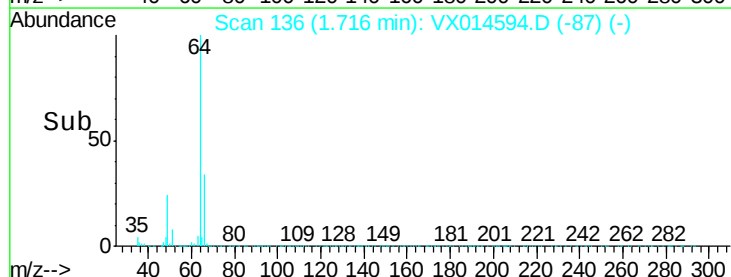
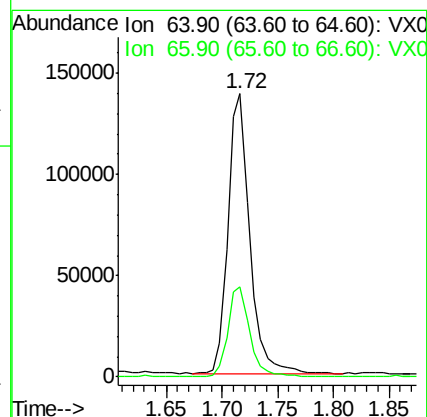
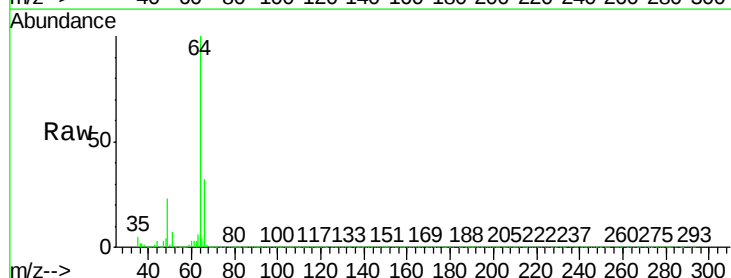
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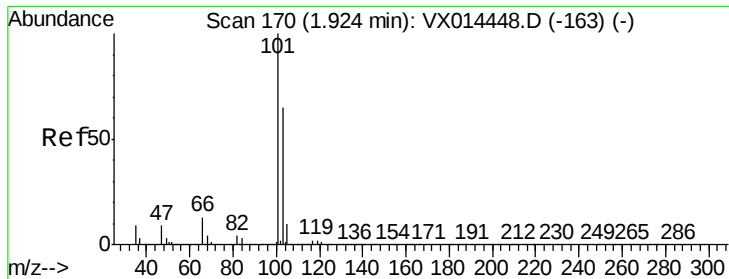
Tgt Ion: 64 Resp: 187643

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9





#7

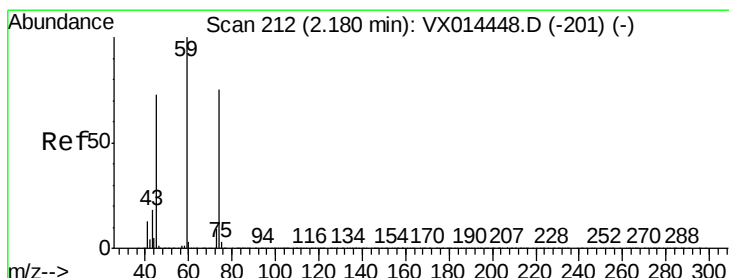
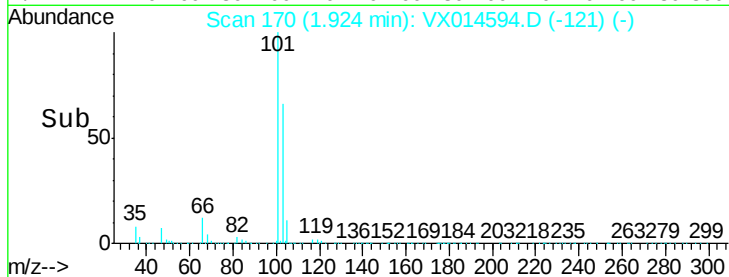
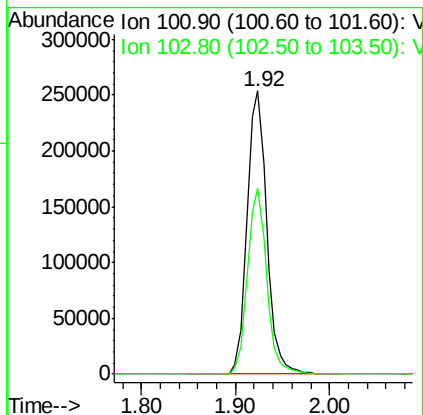
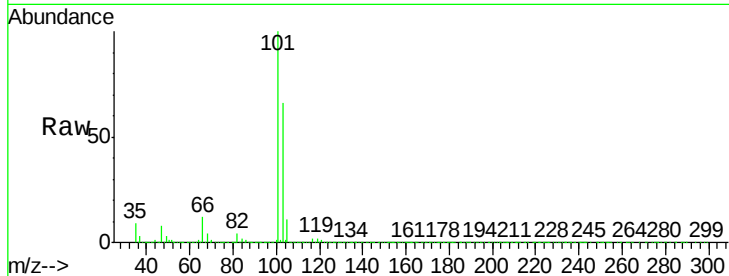
Trichlorofluoromethane
Concen: 48.677 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
371953	101	100		
	103	65.7	52.2	78.4

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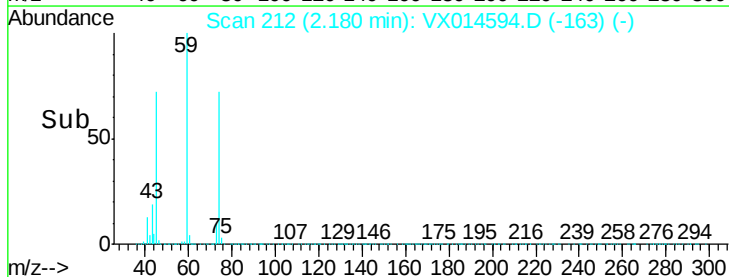
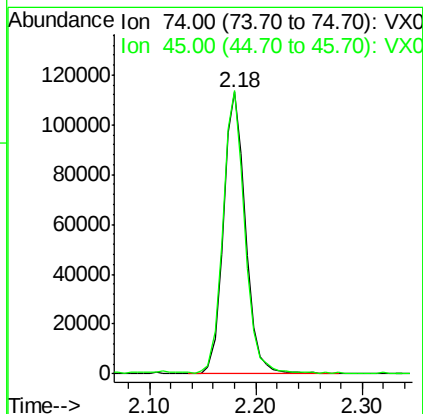
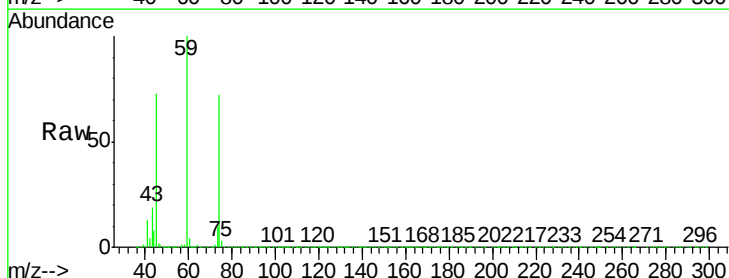
MMDadoda
1/14/2020 3:11:23 PM

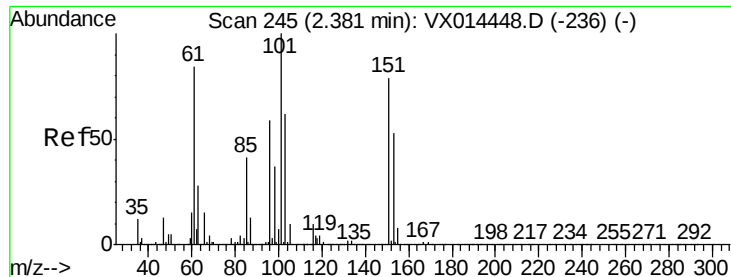


#8

Diethyl Ether
Concen: 47.056 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ion	Ratio	Lower	Upper
164042	74	100		
	45	98.0	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.008 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

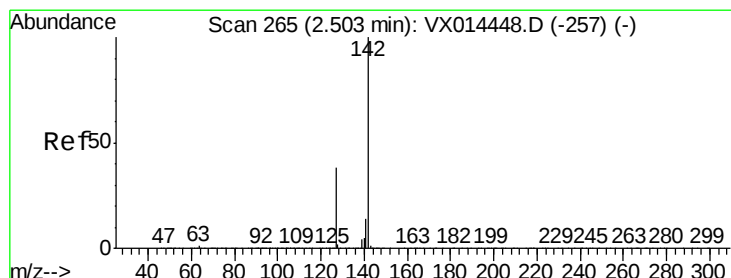
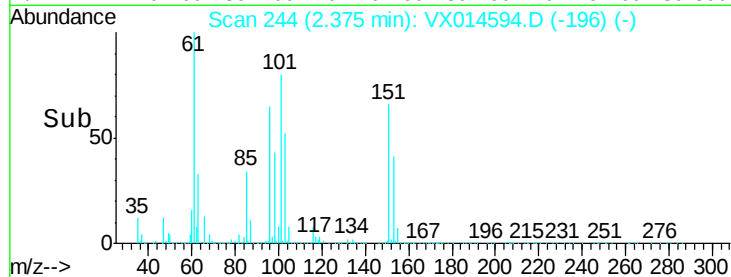
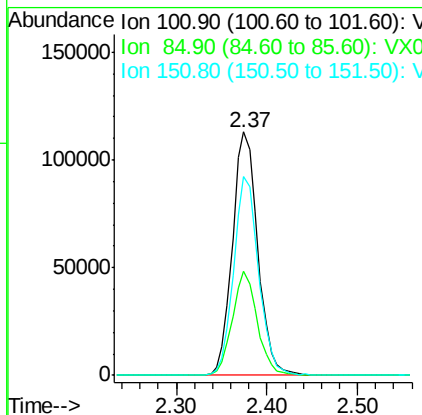
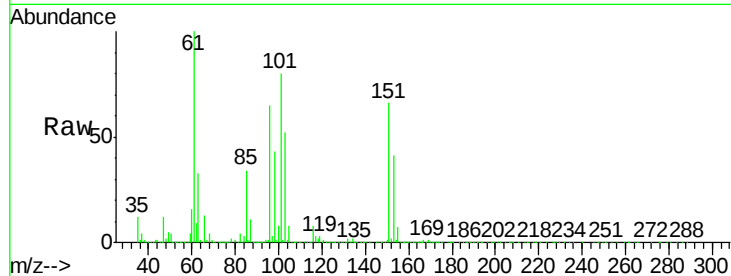
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	218533
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.8	50.8
151	81.0	65.3	97.9

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#10

Methyl Iodide

Concen: 53.223 ug/l

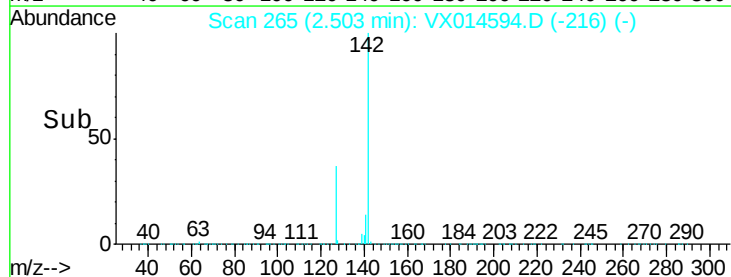
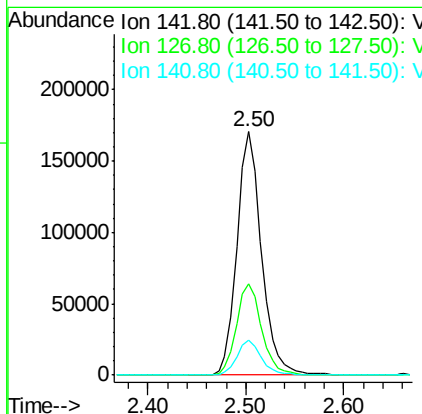
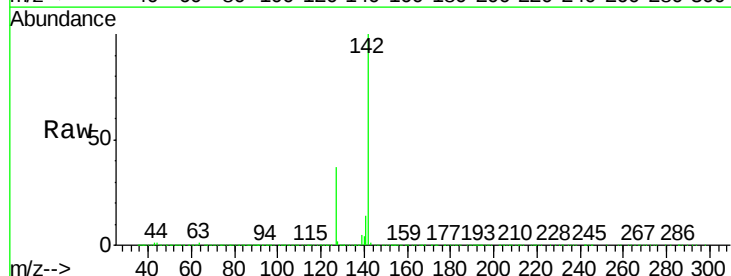
RT: 2.50 min Scan# 265

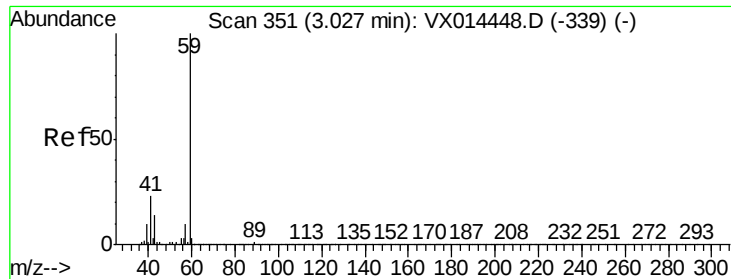
Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	142	Resp:	296270
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.2	46.8
141	14.4	11.4	17.2





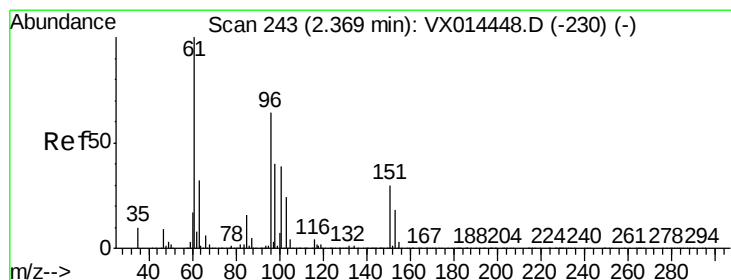
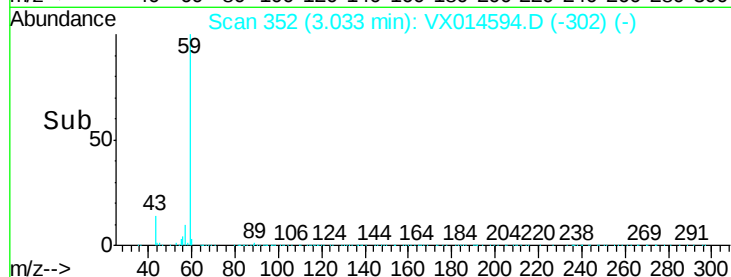
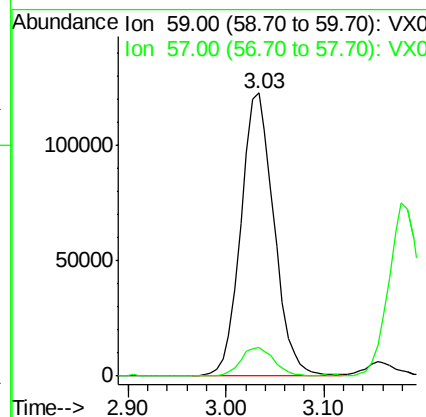
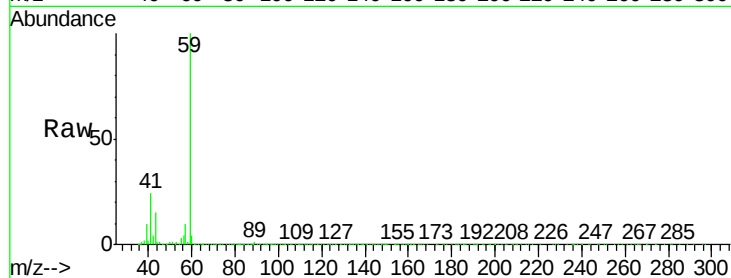
#11
Tert butyl alcohol
Concen: 259.087 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 286395
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

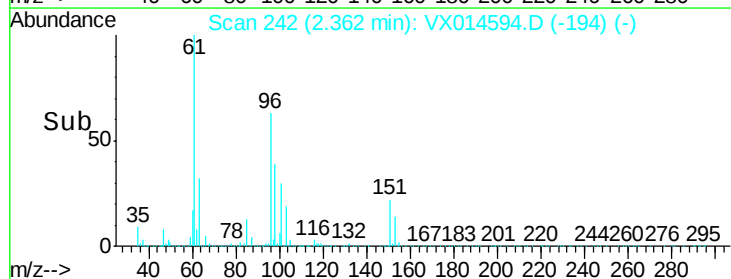
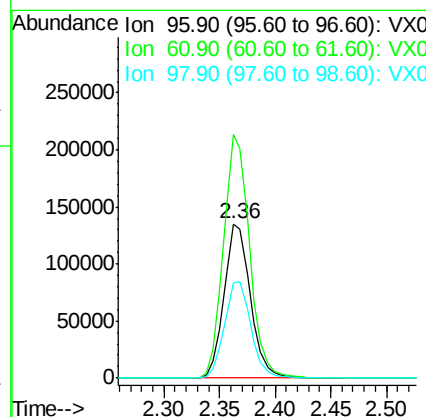
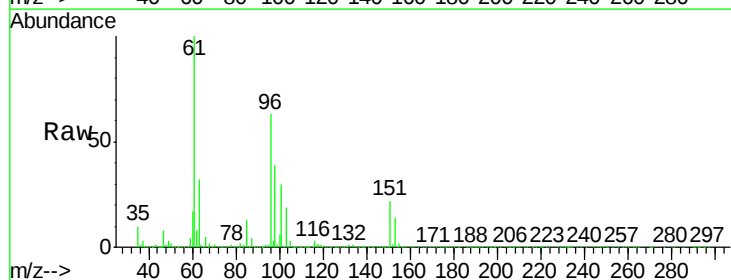
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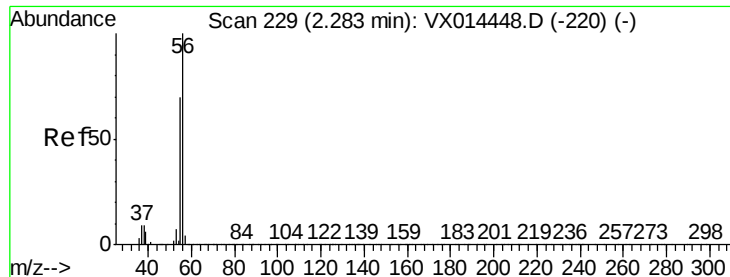
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#12
1,1-Dichloroethene
Concen: 46.831 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 96 Resp: 219346
Ion Ratio Lower Upper
96 100
61 158.1 125.0 187.6
98 61.4 50.2 75.2





#13

Acrolein

Concen: 232.748 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 206217

Ion Ratio Lower Upper

56 100

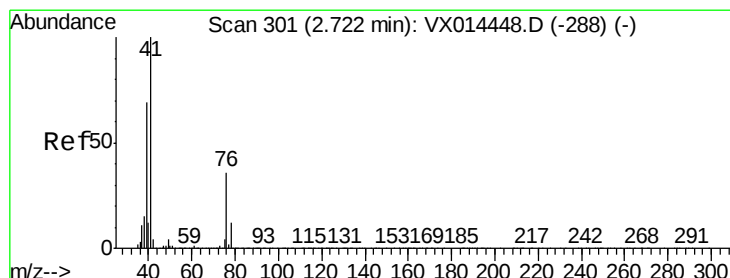
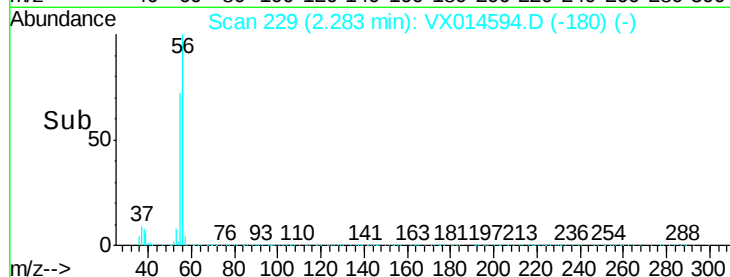
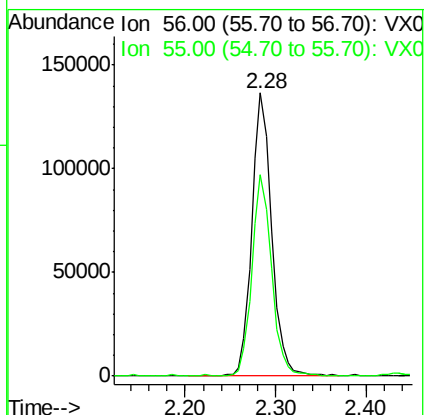
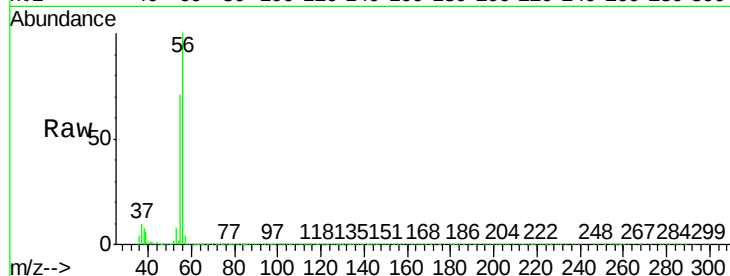
55 70.5 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.490 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

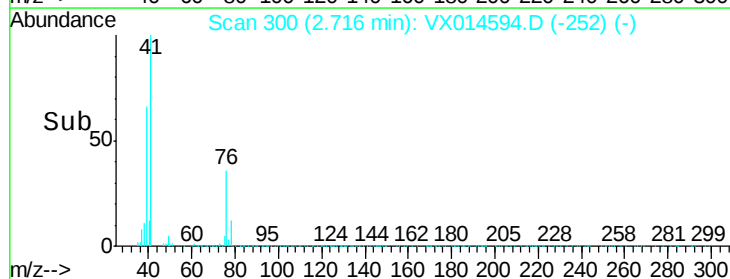
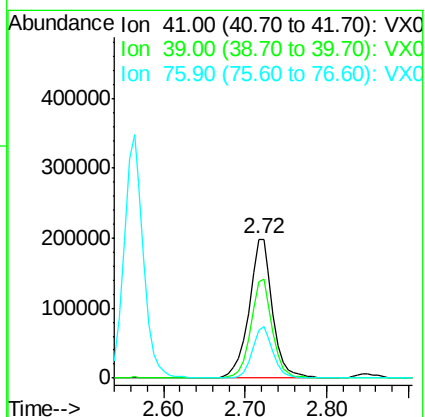
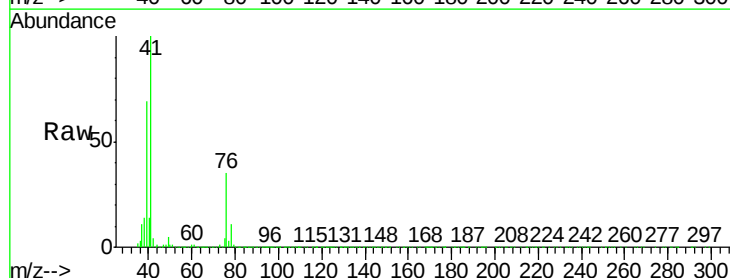
Tgt Ion: 41 Resp: 398744

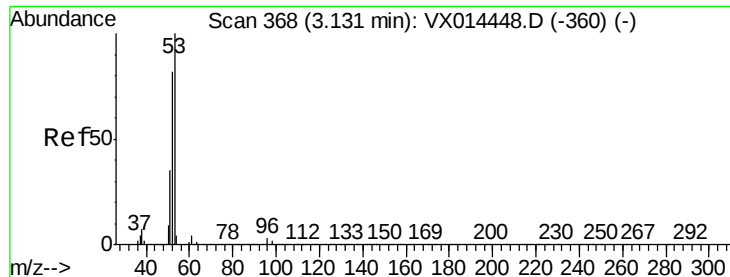
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.6 26.8 40.2





#15

Acrylonitrile

Concen: 256.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

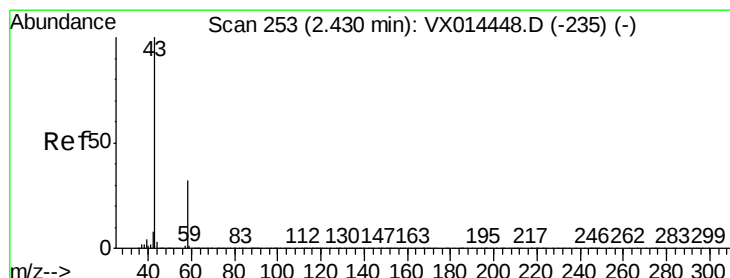
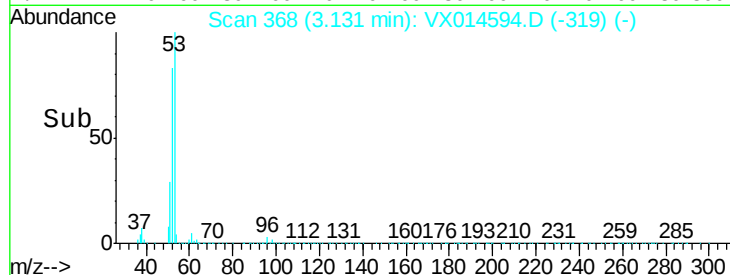
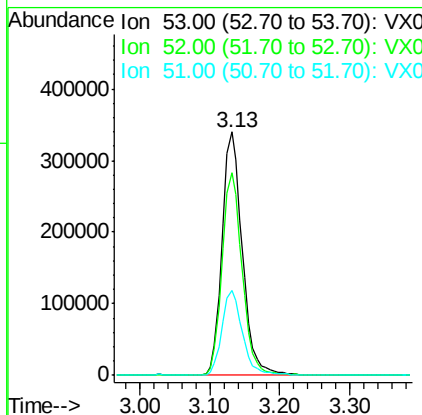
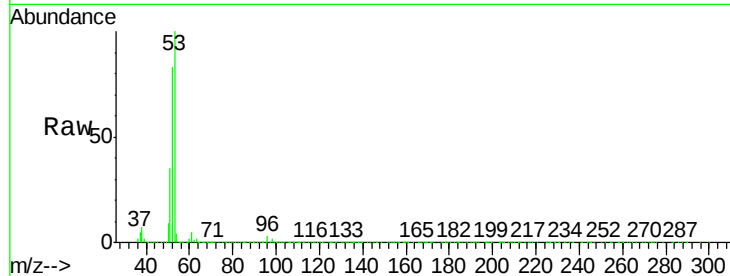
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	684098
Ion Ratio		Lower	Upper
53	100		
52	82.3	67.0	100.4
51	35.1	28.5	42.7

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#16

Acetone

Concen: 241.363 ug/l

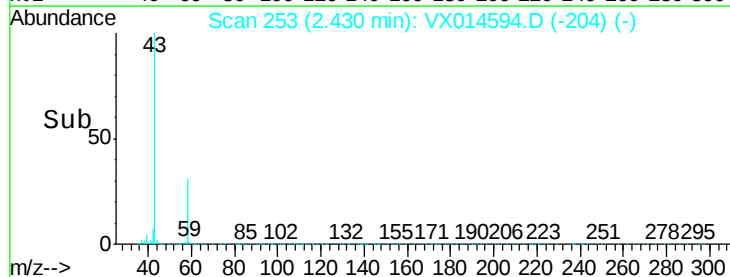
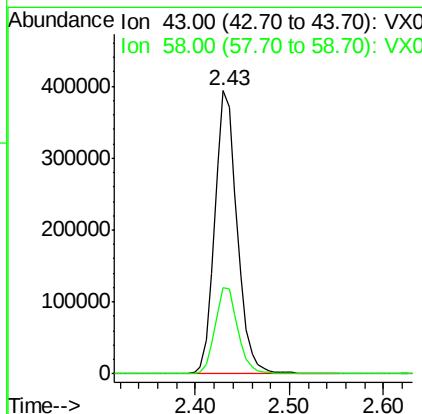
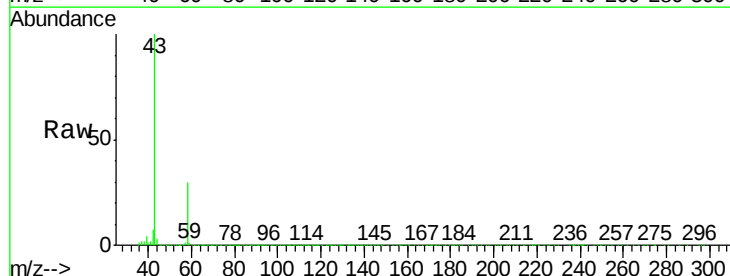
RT: 2.43 min Scan# 253

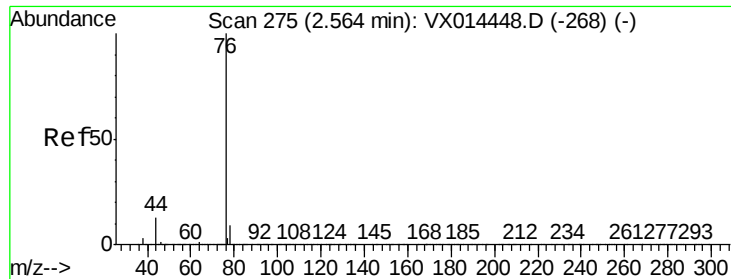
Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	43	Resp:	641074
Ion Ratio		Lower	Upper
43	100		
58	30.5	25.4	38.0





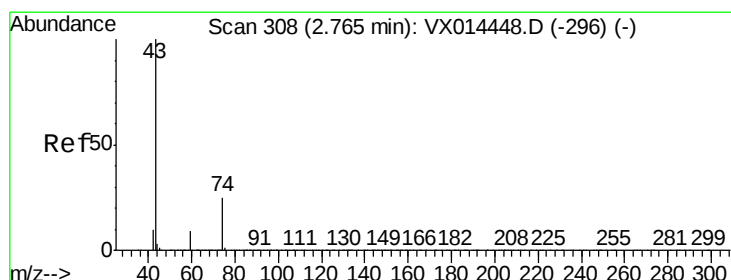
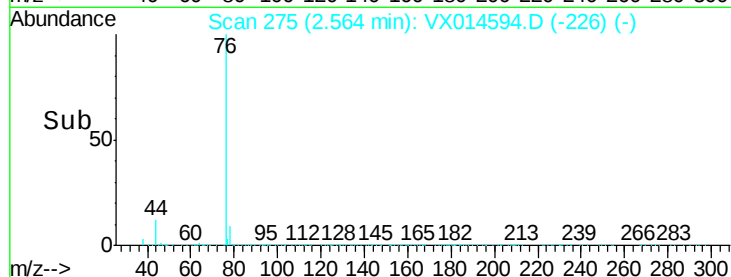
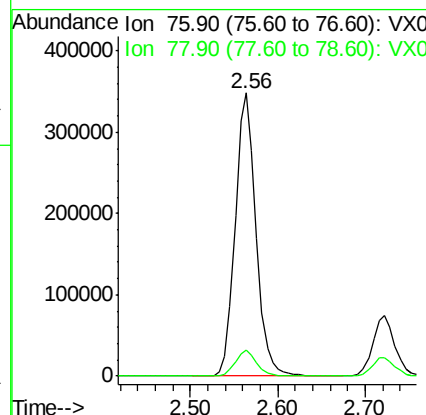
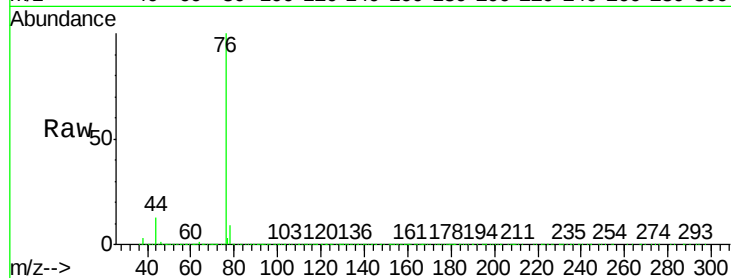
#17
Carbon Disulfide
Concen: 44.115 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

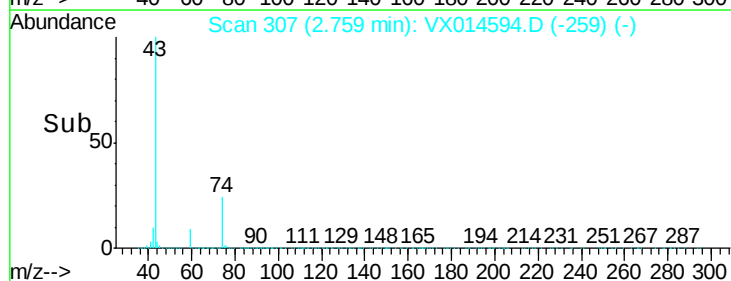
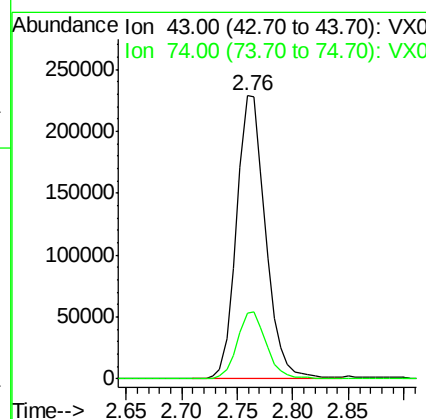
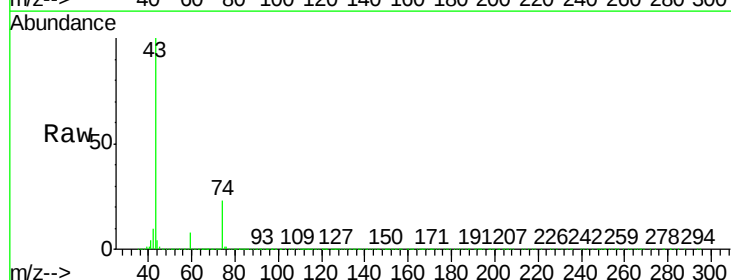
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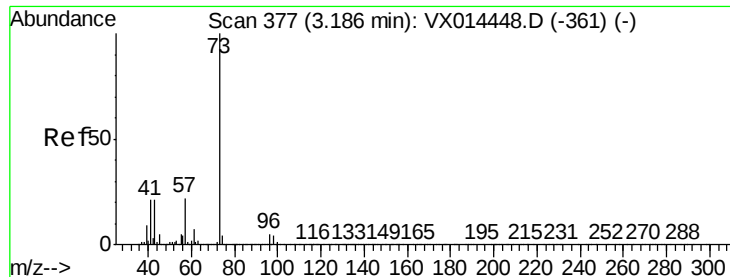
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#18
Methyl Acetate
Concen: 54.168 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





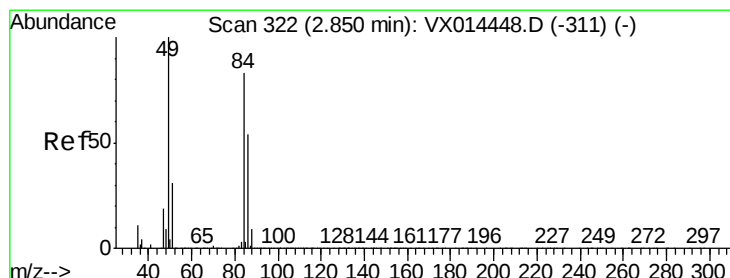
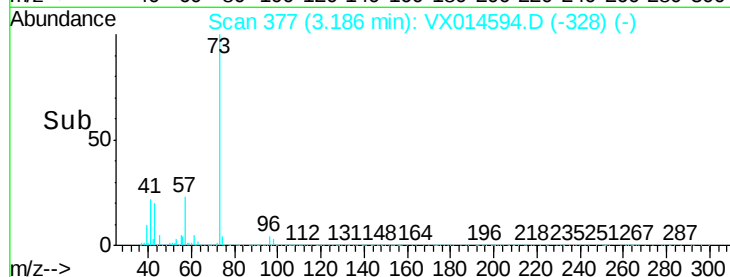
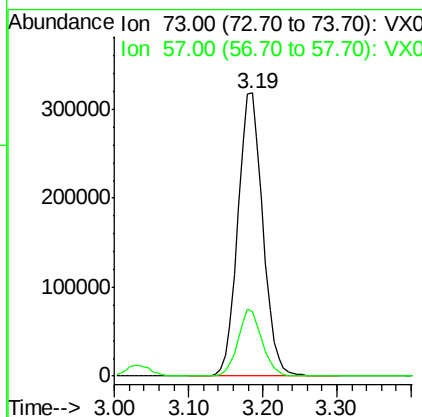
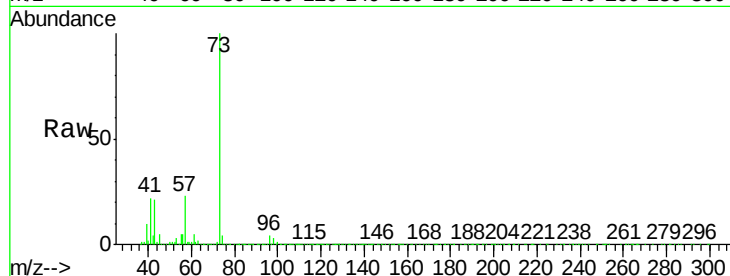
#19
Methyl tert-butyl Ether
Concen: 49.689 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.8	26.8

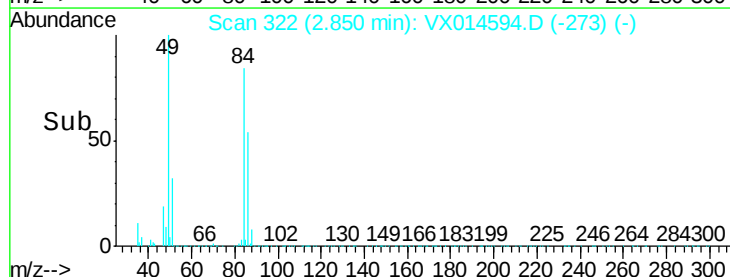
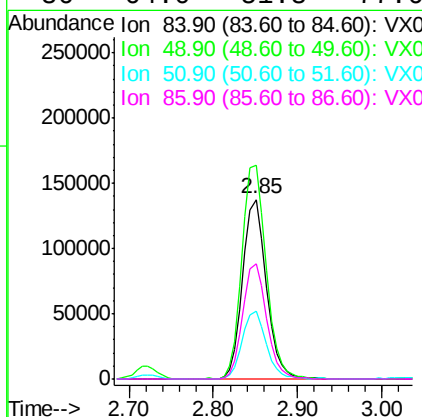
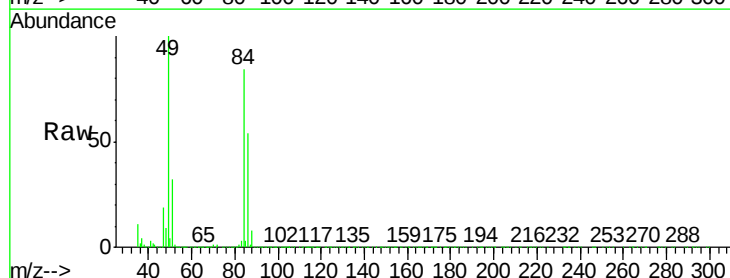
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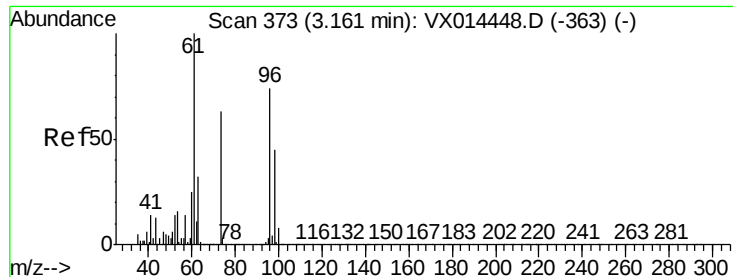
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#20
Methylene Chloride
Concen: 48.898 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.8	143.8
51	37.4	30.2	45.4
86	64.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.128 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 235872

Ion Ratio Lower Upper

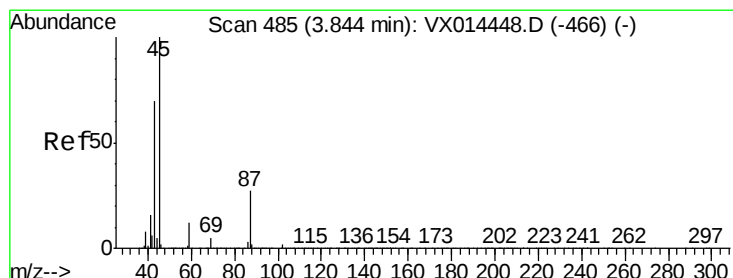
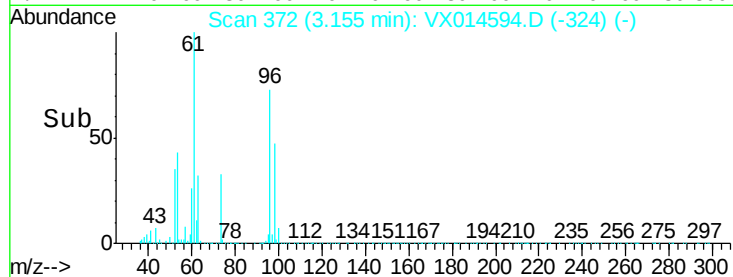
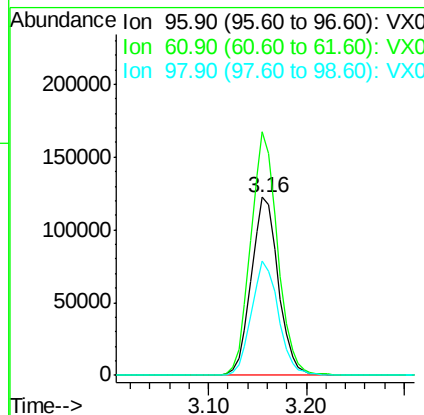
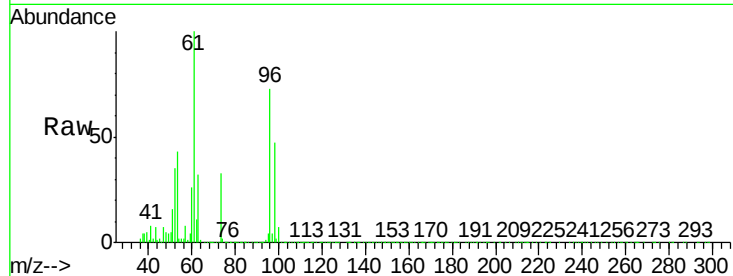
96 100

61 136.6 108.2 162.4

98 64.5 48.8 73.2

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#22

Diisopropyl ether

Concen: 50.927 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion: 45 Resp: 809312

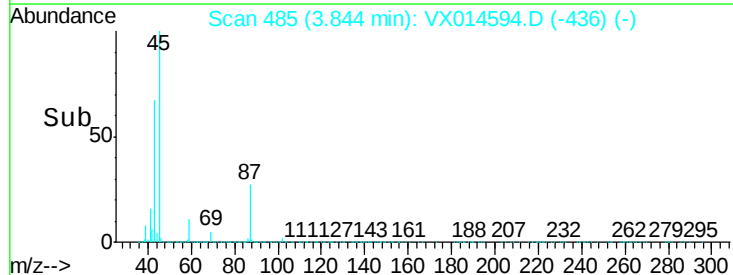
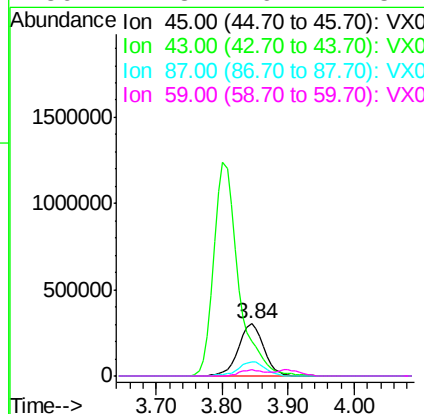
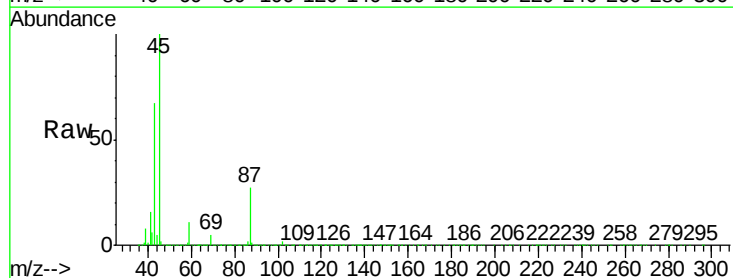
Ion Ratio Lower Upper

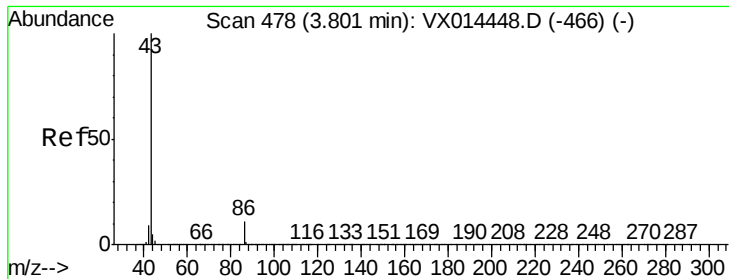
45 100

43 66.6 55.8 83.6

87 26.8 21.8 32.8

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 261.265 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tot Ion: 43 Resp: 3214523

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

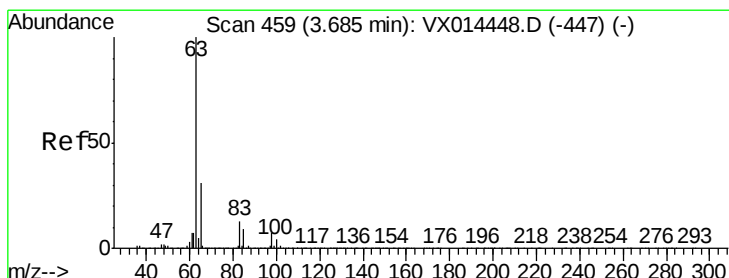
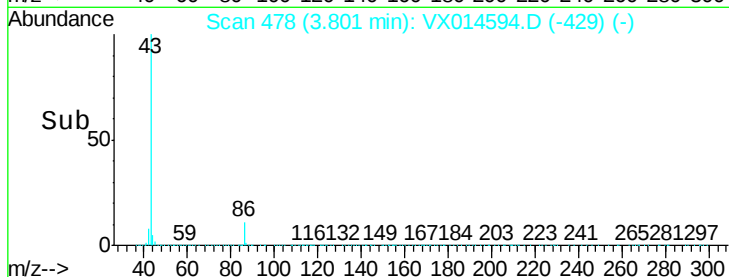
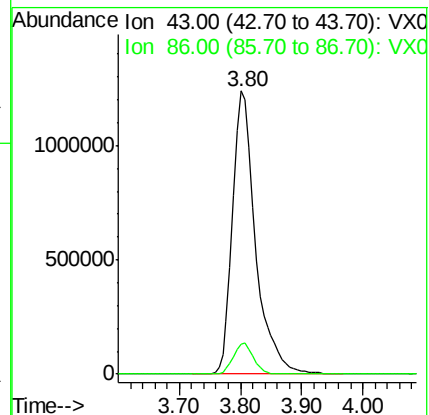
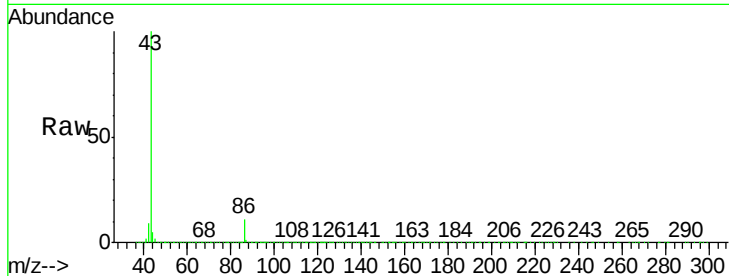
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 50.261 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

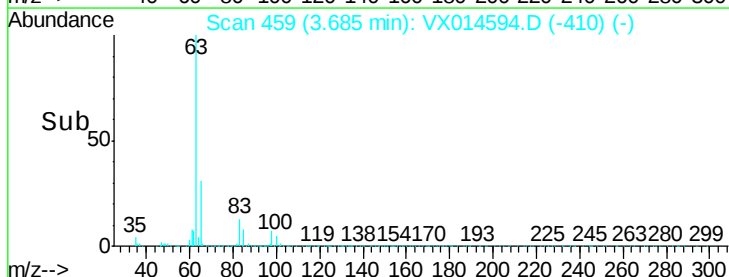
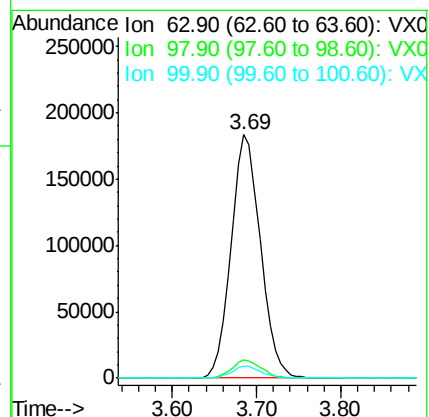
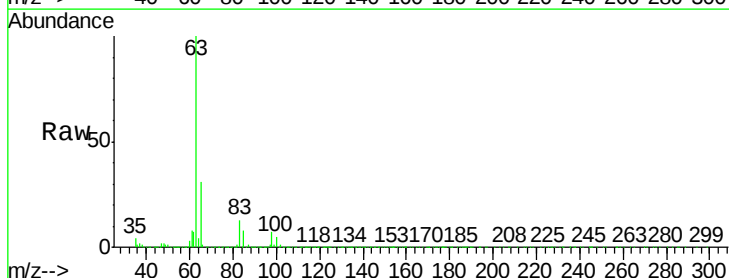
Tgt Ion: 63 Resp: 434511

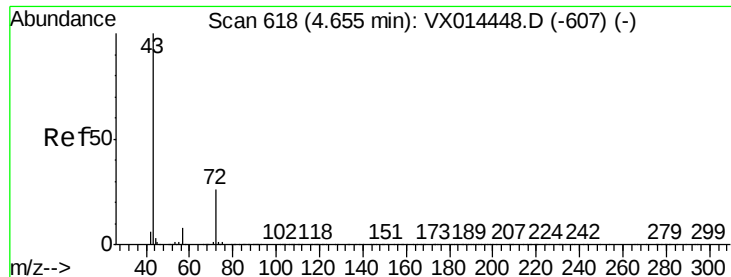
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 246.564 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 975058

Ion Ratio Lower Upper

43 100

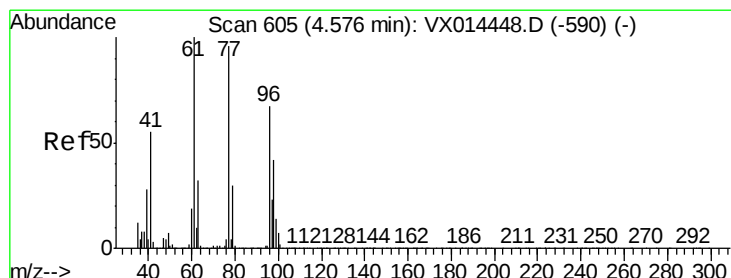
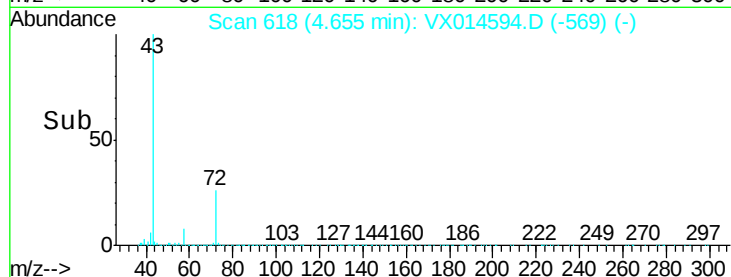
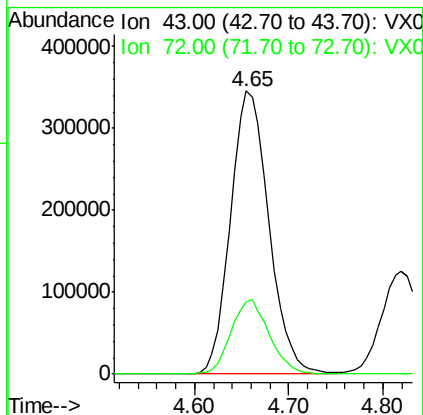
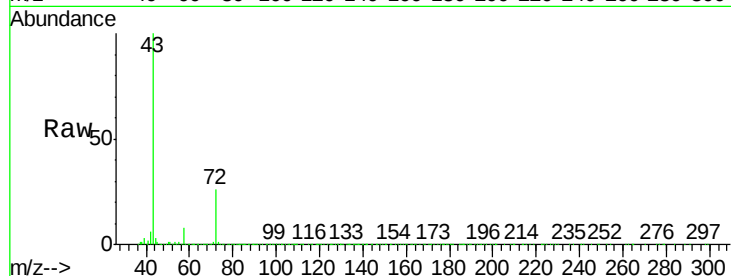
72 25.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.941 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014594.D

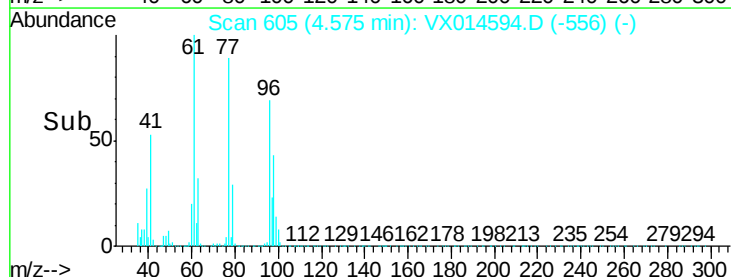
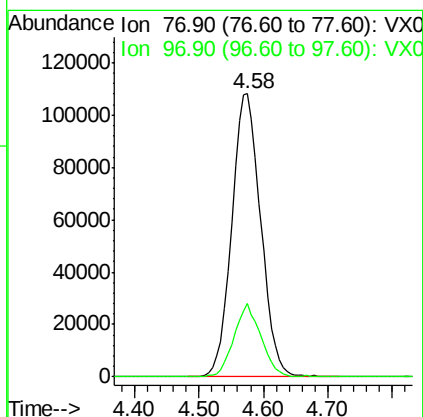
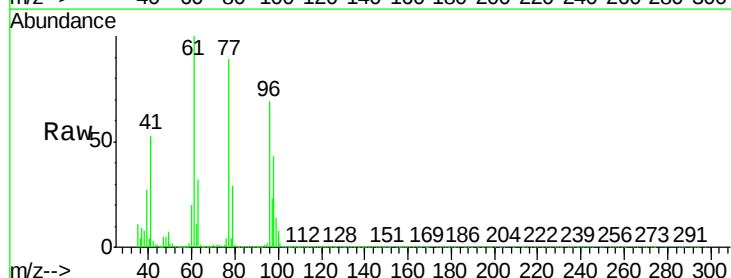
Acq: 13 Jan 2020 18:04

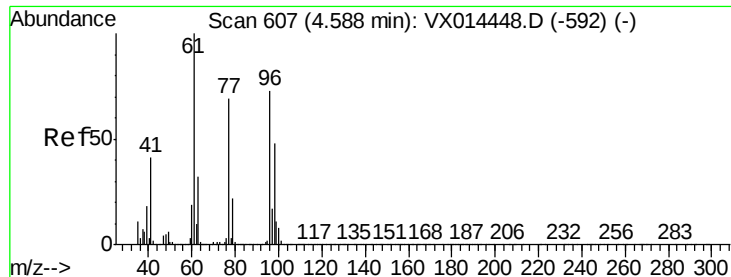
Tgt Ion: 77 Resp: 336445

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

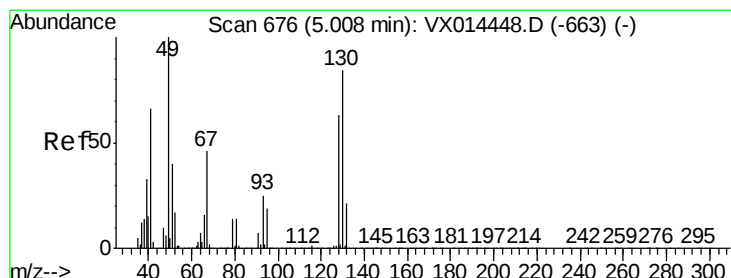
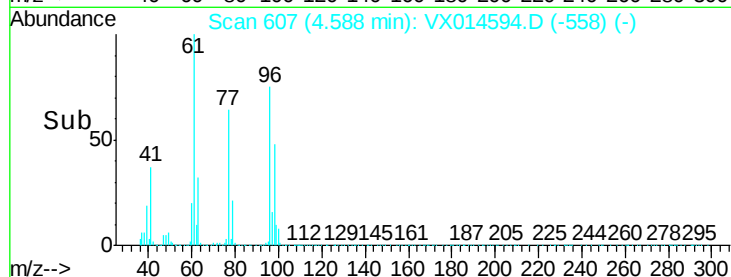
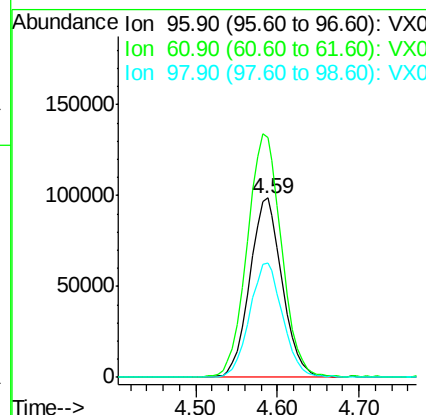
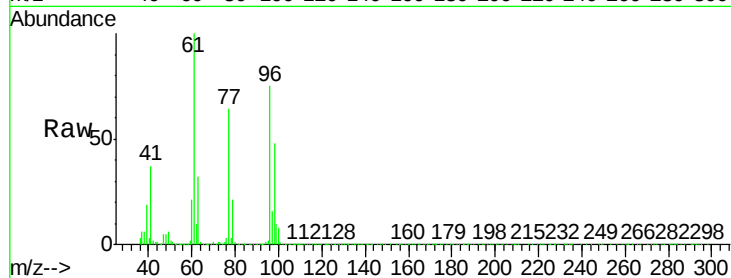
cis-1,2-Dichloroethene
Concen: 47.710 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	272720		
61	143.5	0.0	285.4	
98	64.6	0.0	130.6	

Manual Integrations
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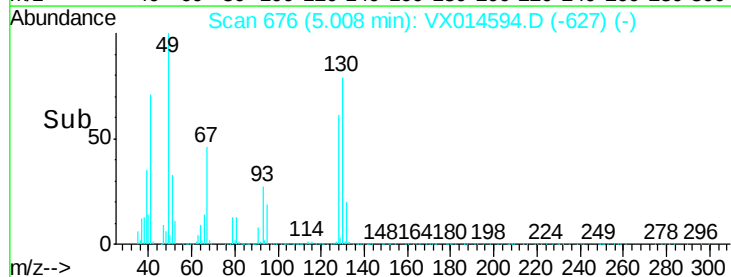
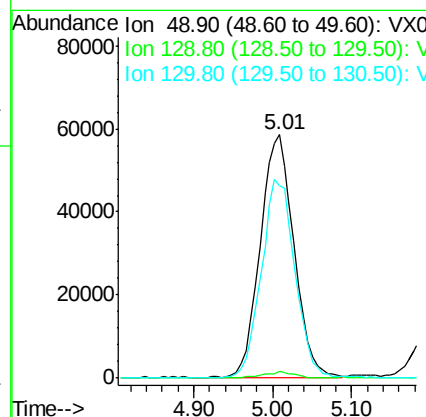
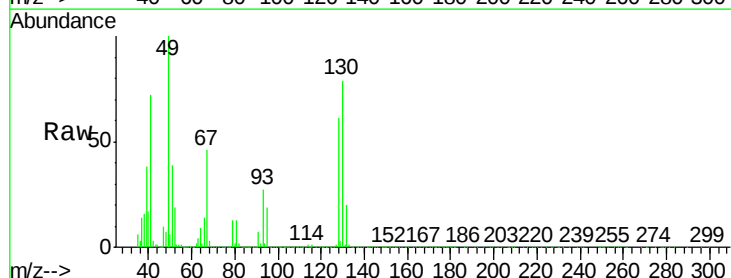
MMDadoda
1/14/2020 3:11:23 PM



#28

Bromochloromethane
Concen: 47.997 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	174841		
129	2.7	0.0	4.4	
130	80.6	67.0	100.4	





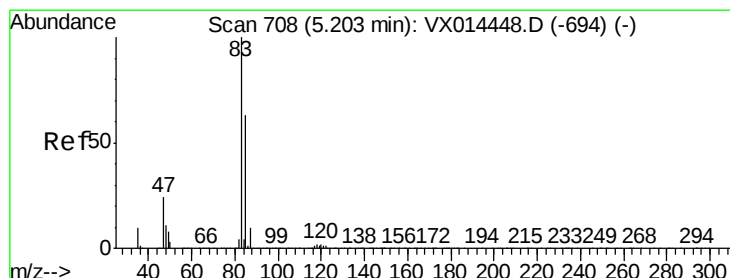
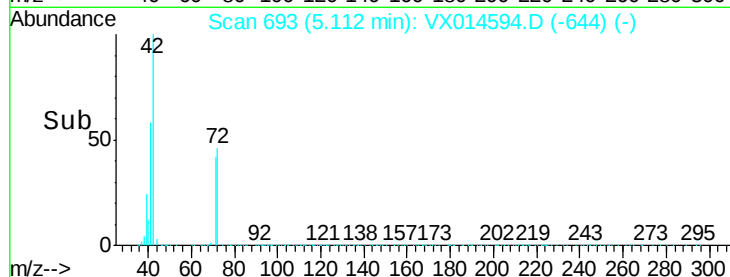
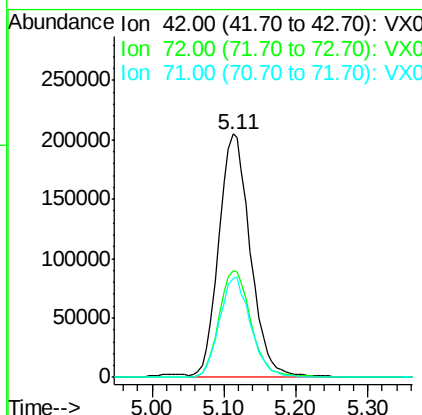
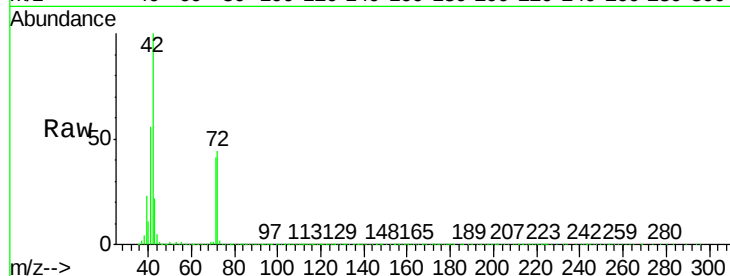
#29
Tetrahydrofuran
Concen: 264.623 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.2	54.4
71	41.0	34.1	51.1

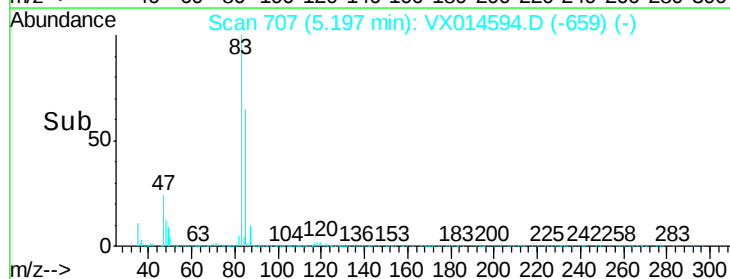
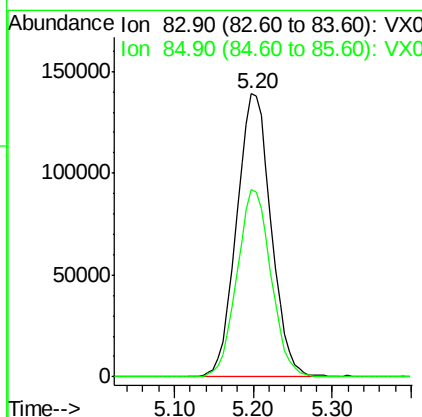
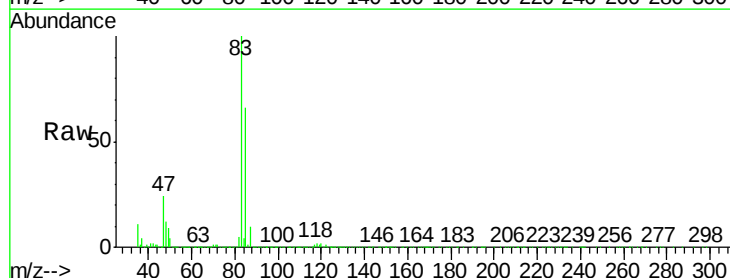
Manual Integrations
APPROVED

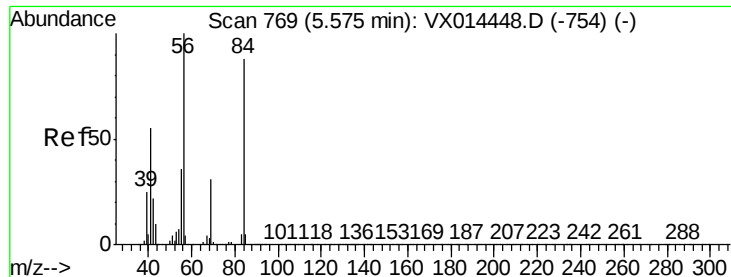
MMDadoda
1/14/2020 3:11:23 PM



#30
Chloroform
Concen: 49.869 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.6	75.8





#31

Cyclohexane

Concen: 49.282 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

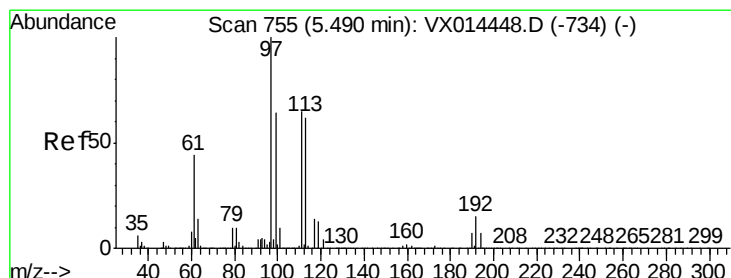
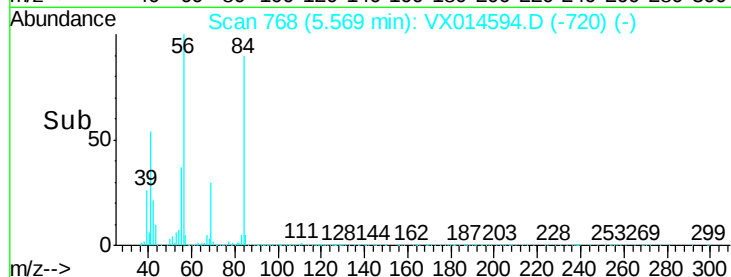
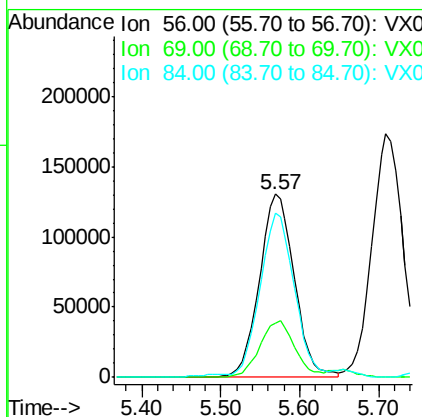
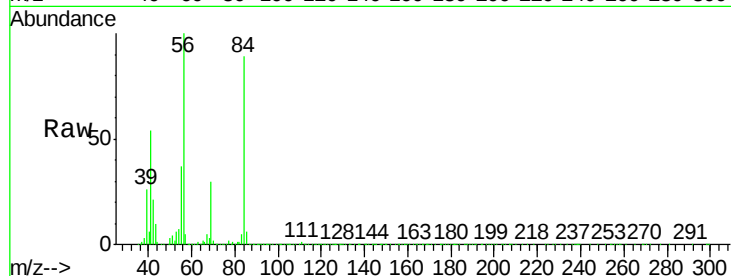
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	398782
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.4	36.6
84	88.8	70.6	106.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.138 ug/l

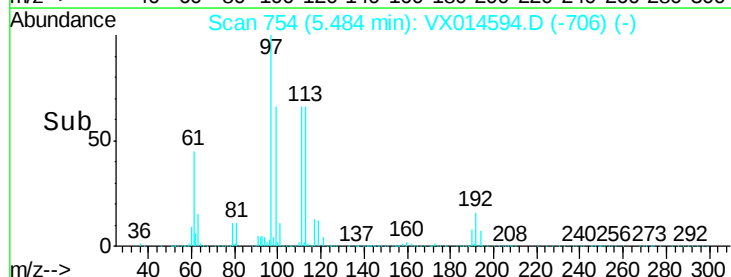
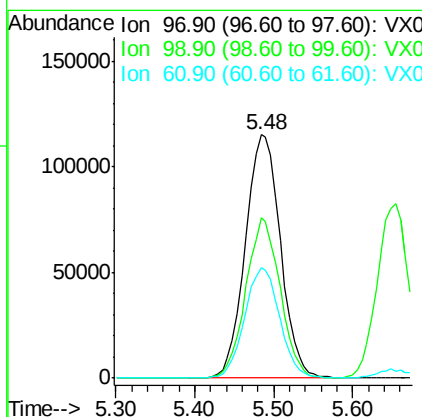
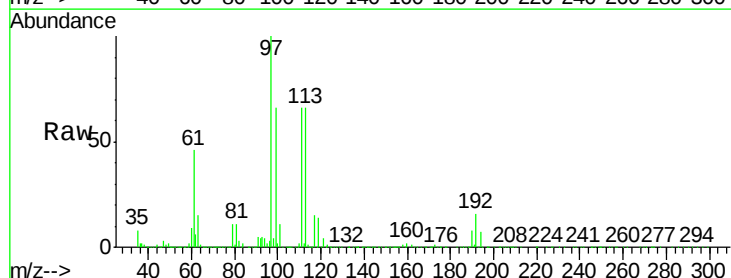
RT: 5.48 min Scan# 754

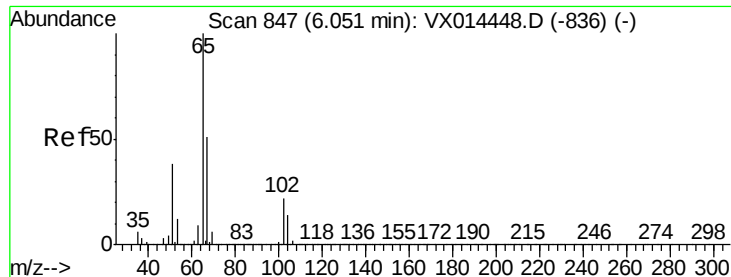
Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	97	Resp:	355316
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.8	77.6
61	45.2	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.069 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 265070

Ion Ratio Lower Upper

65 100

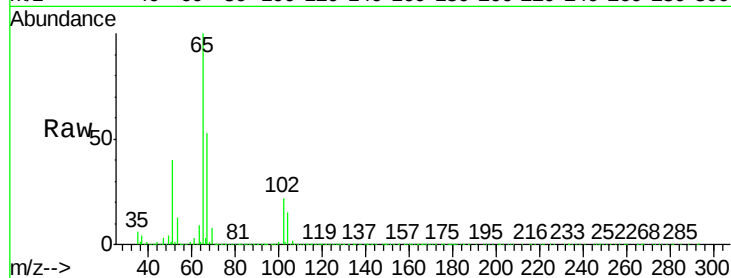
67 52.5 0.0 106.2

Manual Integrations

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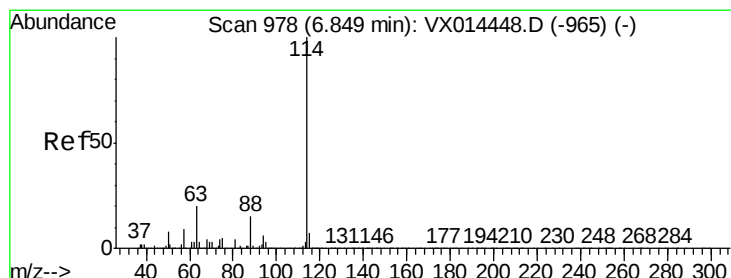
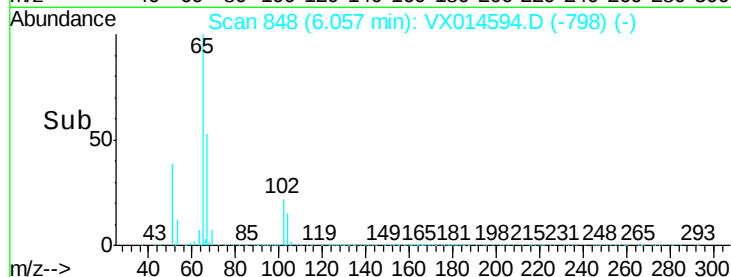
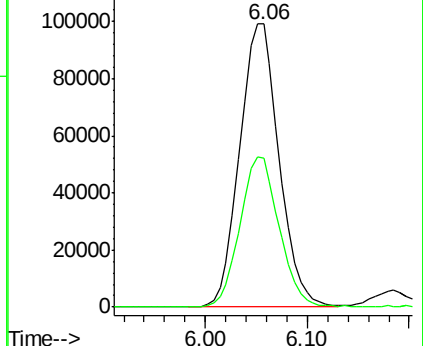
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

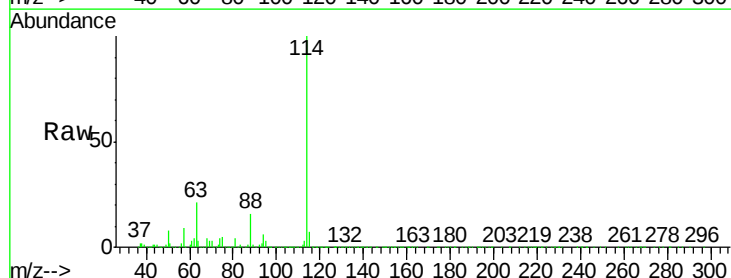
Tgt Ion: 114 Resp: 712157

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

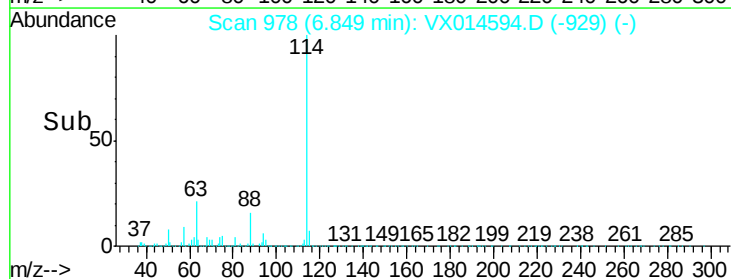
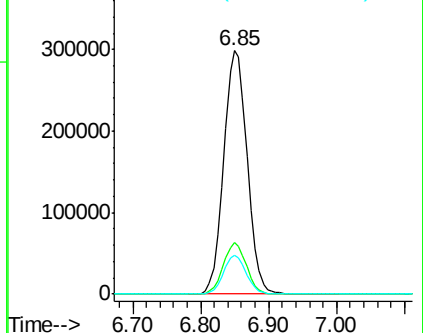
88 15.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

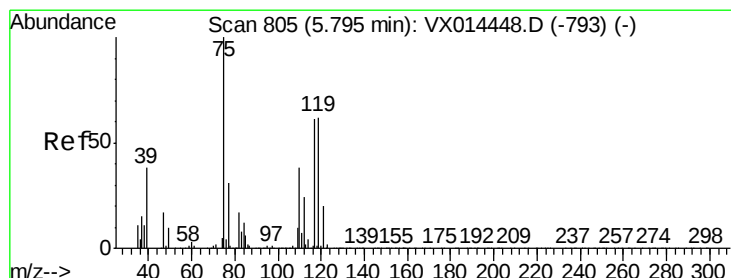
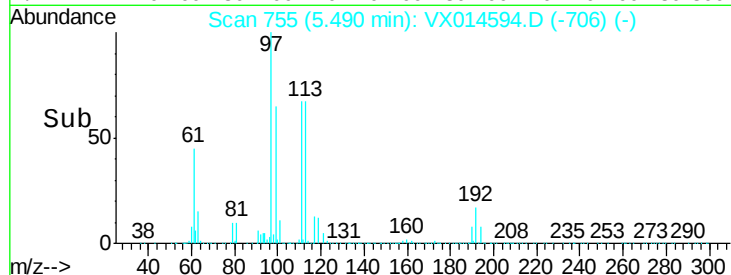
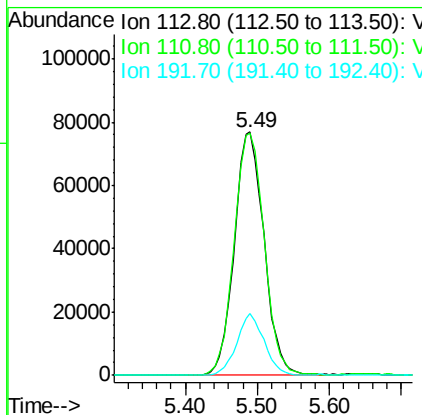
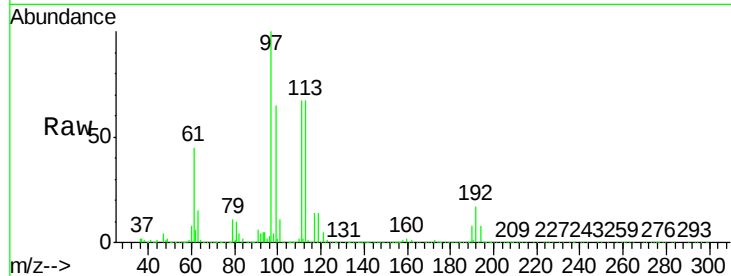
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	220431
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.5	122.3
192	23.6	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.417 ug/l

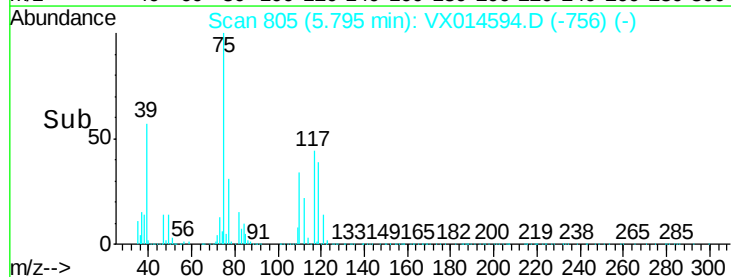
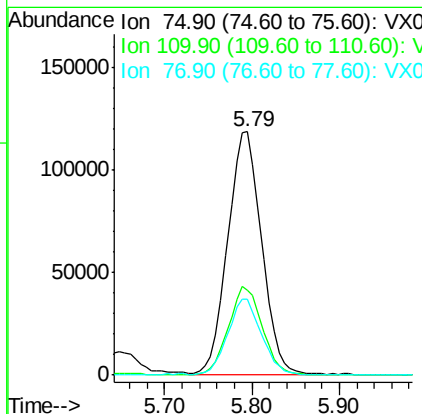
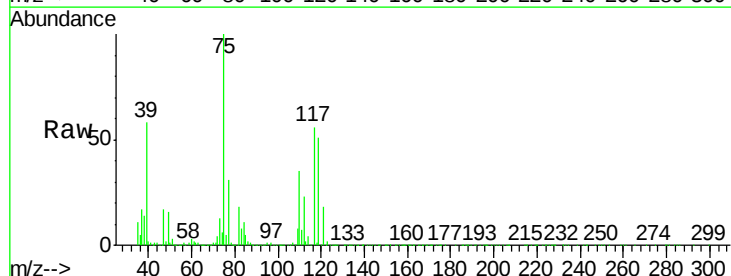
RT: 5.79 min Scan# 805

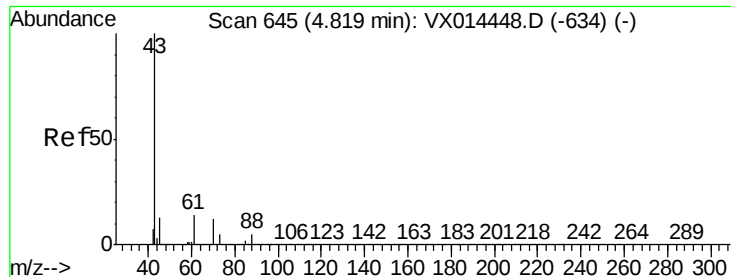
Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	75	Resp:	317563
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.6	55.8
77	31.0	24.5	36.7





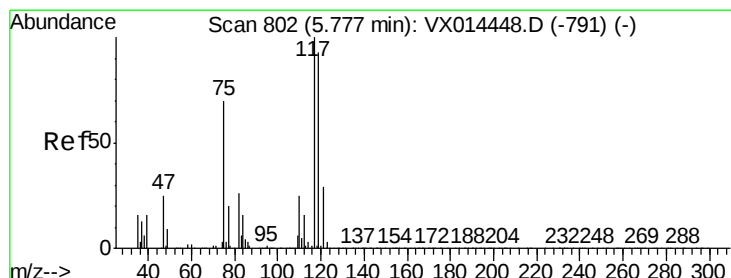
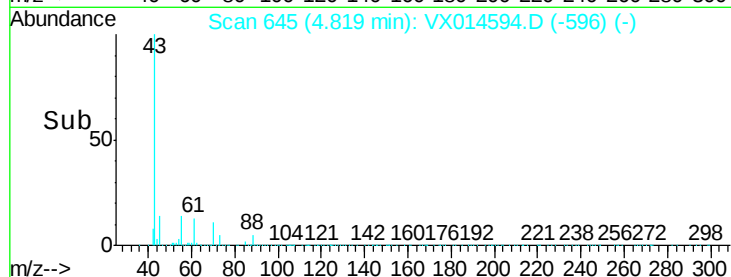
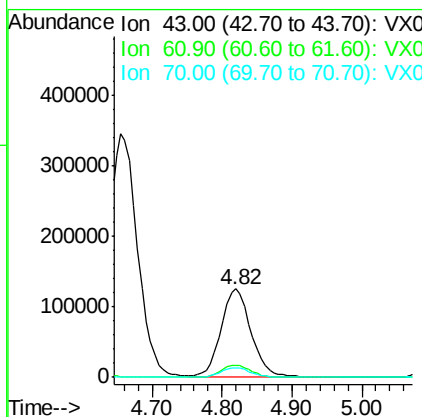
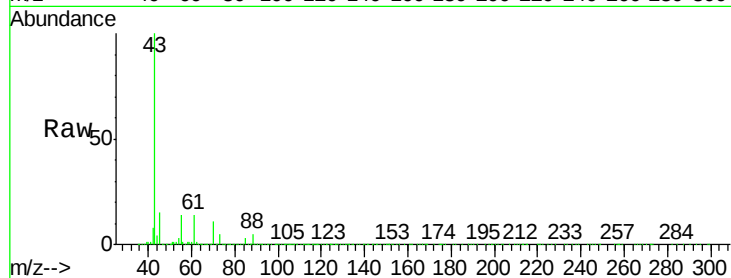
#37
Ethyl Acetate
Concen: 50.875 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	11.2	8.9	13.3

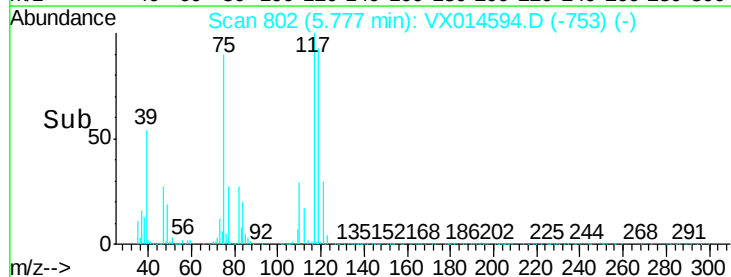
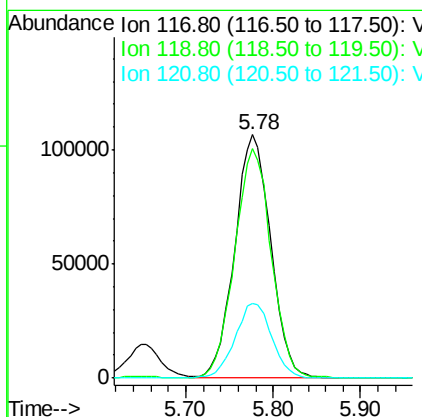
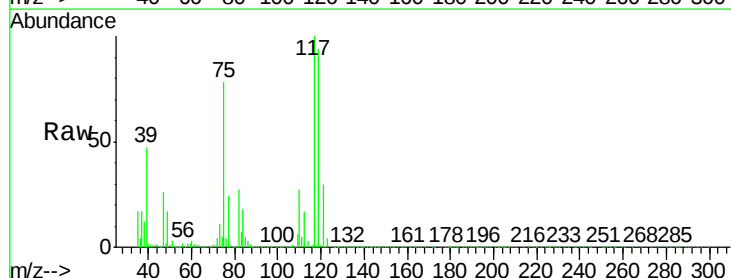
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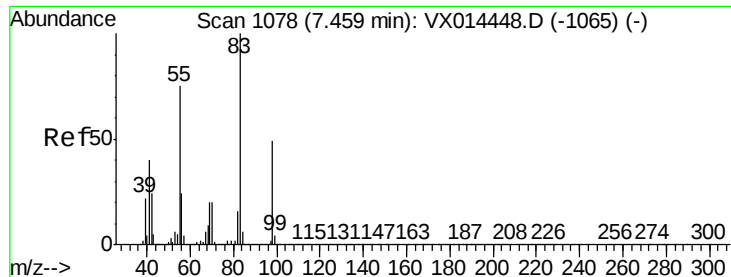
MMDadoda
1/14/2020 3:11:23 PM



#38
Carbon Tetrachloride
Concen: 49.278 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.8	110.8
121	30.4	23.4	35.0





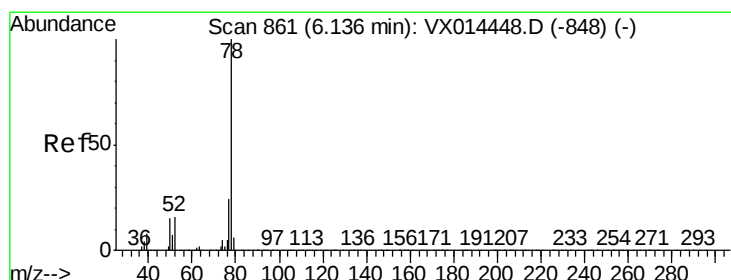
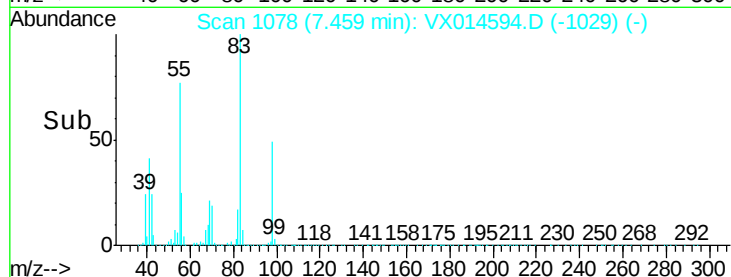
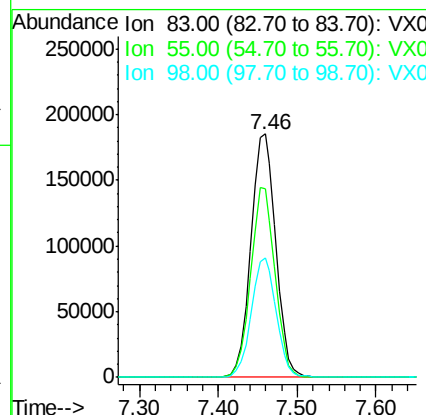
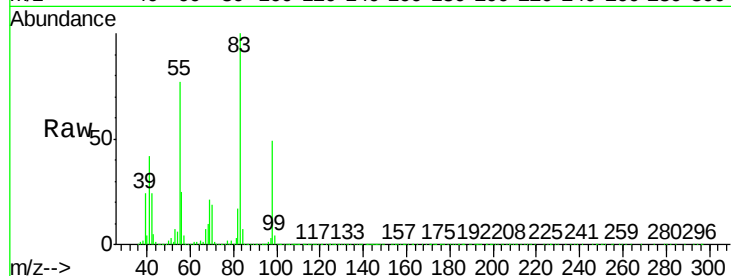
#39
Methvlcvclohexane
Concen: 48.138 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	49.0	39.1	58.7

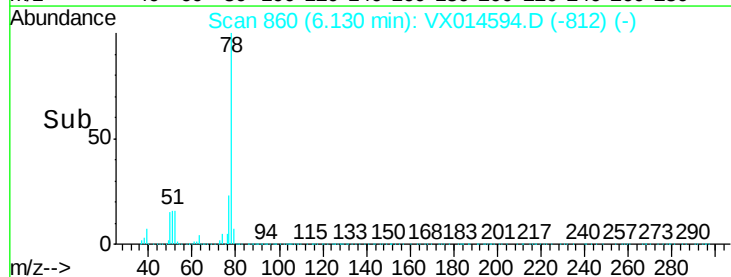
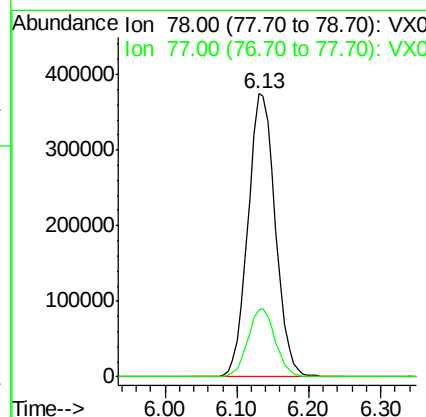
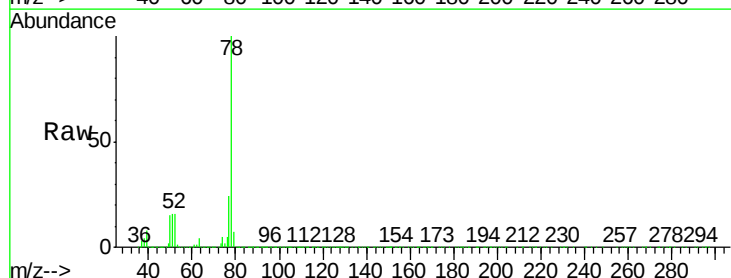
Manual Integrations
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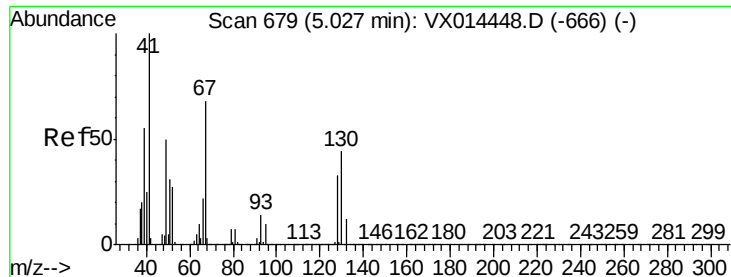
MMDadoda
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#40
Benzene
Concen: 49.776 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 53.102 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014594.D

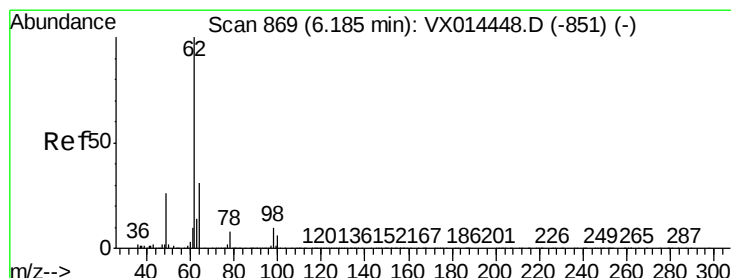
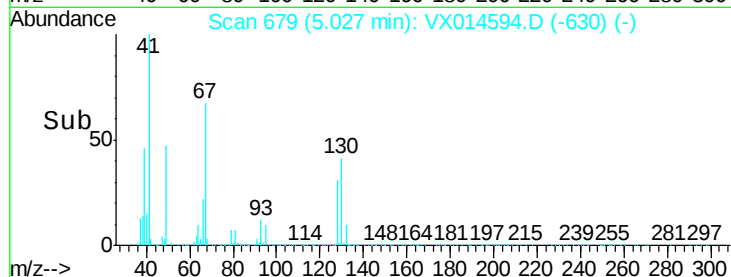
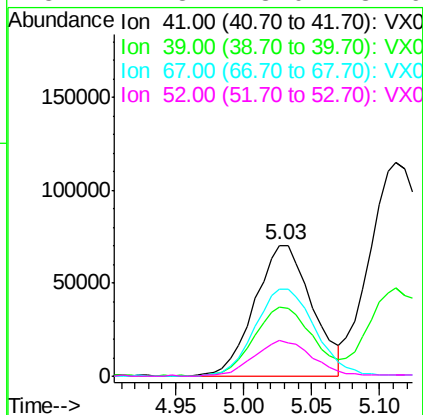
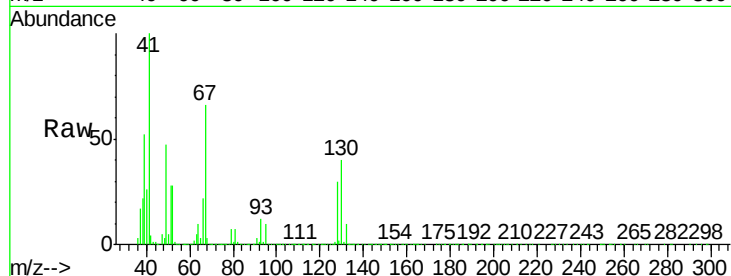
Acq: 13 Jan 2020 18:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		205998		
39	53.9	43.6	65.4		
67	69.9	57.9	86.9		
52	27.8	23.0	34.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.894 ug/l

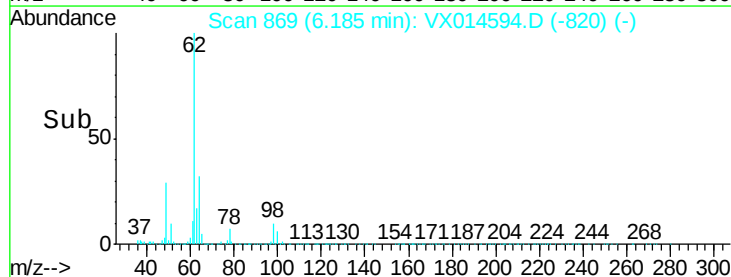
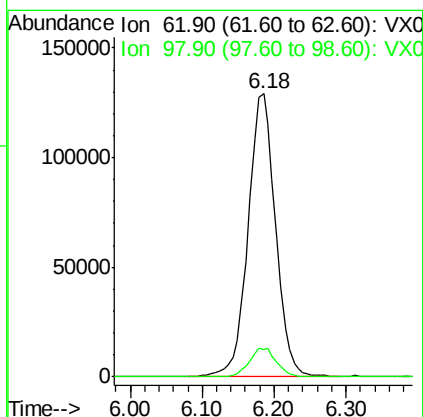
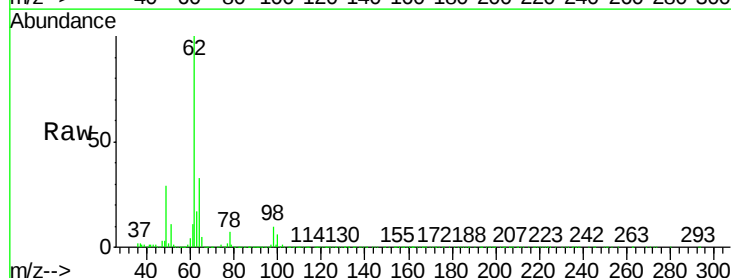
RT: 6.18 min Scan# 869

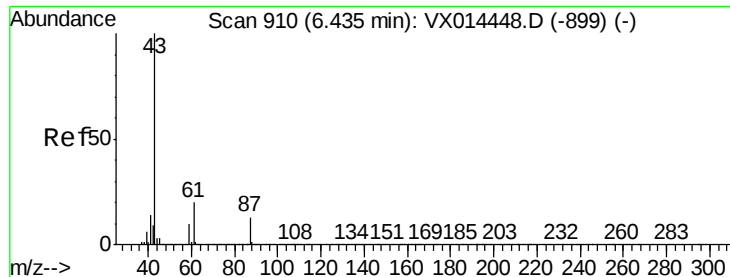
Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		339804		
98	10.0	0.0	20.4		





#43

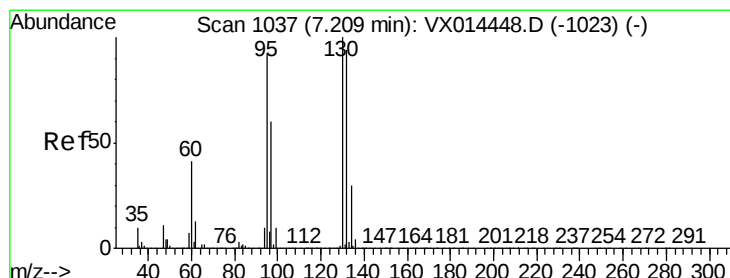
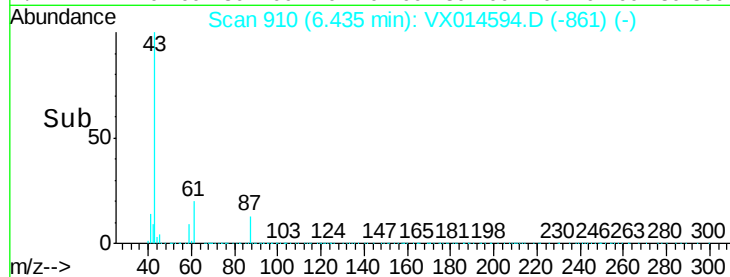
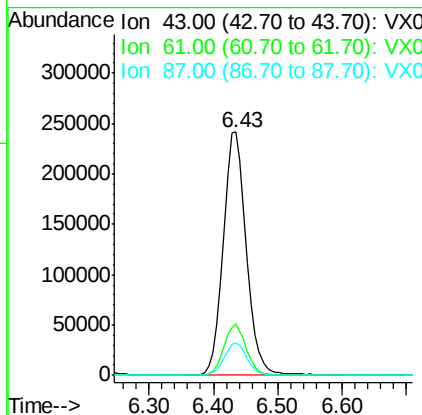
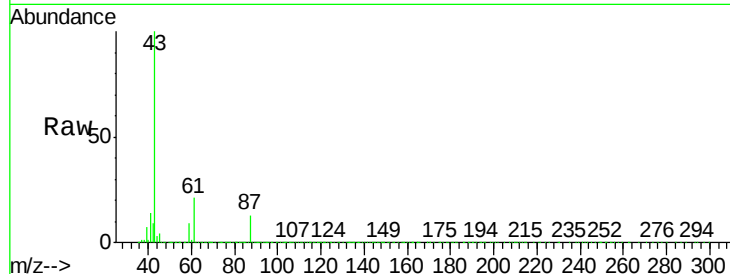
Isopropyl Acetate
 Concen: 51.762 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	608279
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.2	10.8	16.2

Manual Integrations
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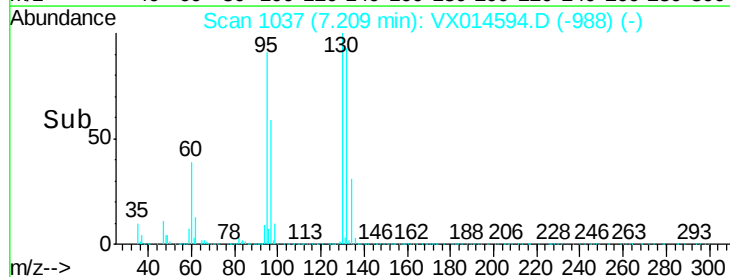
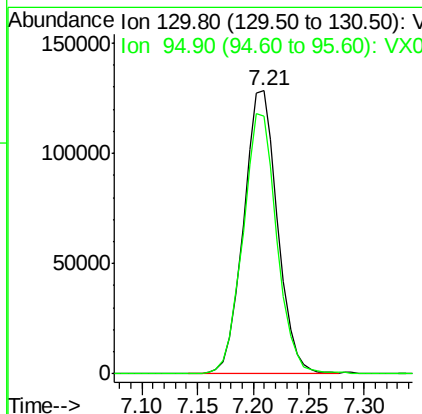
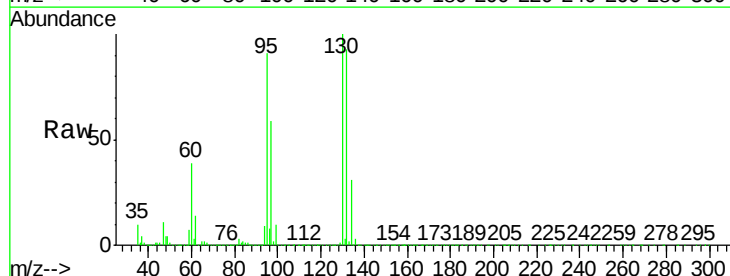
MMDadoda
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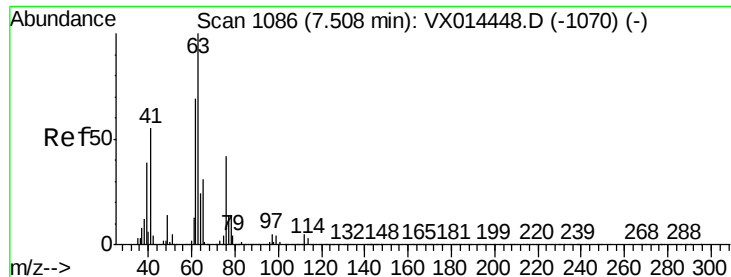


#44

Trichloroethene
 Concen: 47.441 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion:	130	Resp:	270992
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.636 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 256608

Ion Ratio Lower Upper

63 100

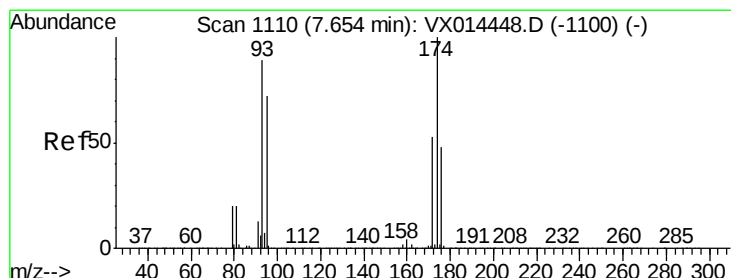
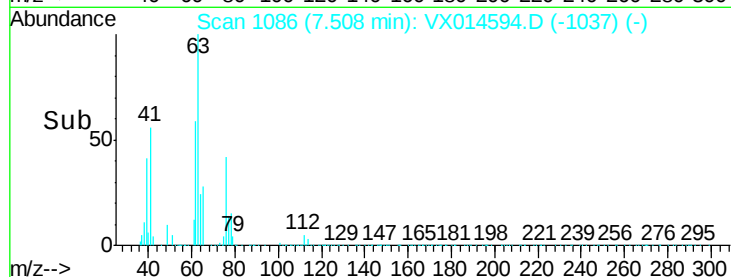
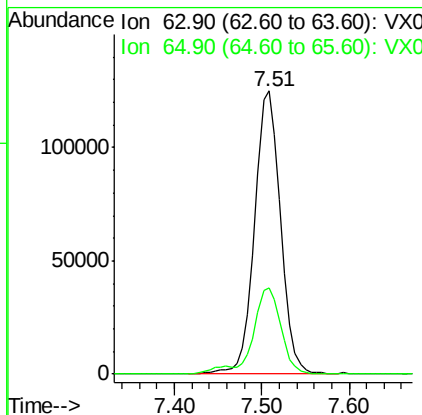
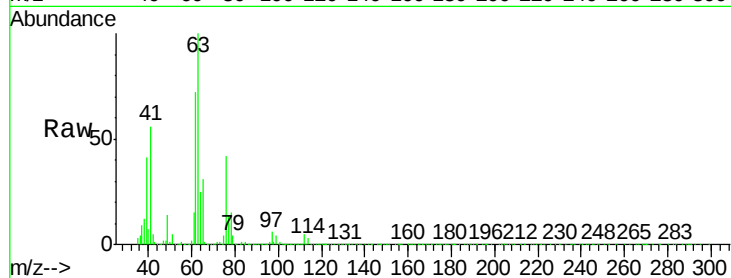
65 30.6 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 46.864 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

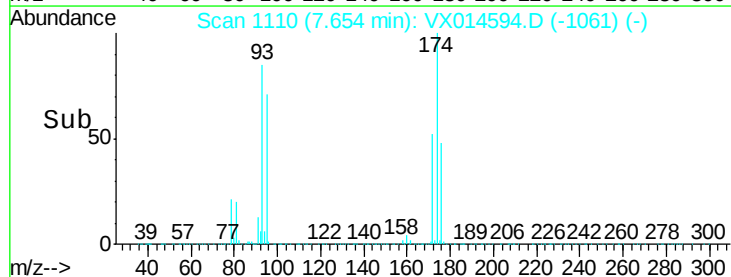
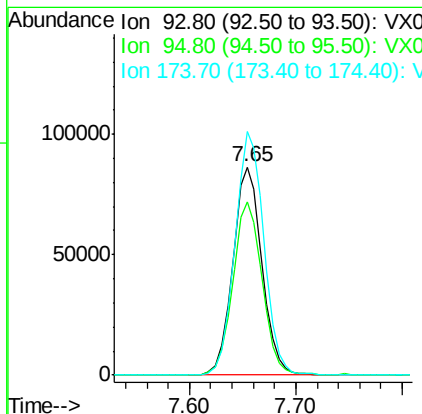
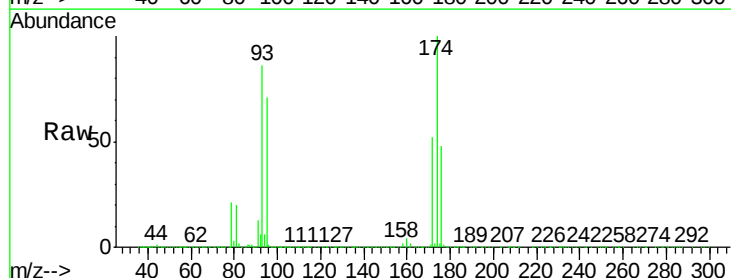
Tgt Ion: 93 Resp: 165761

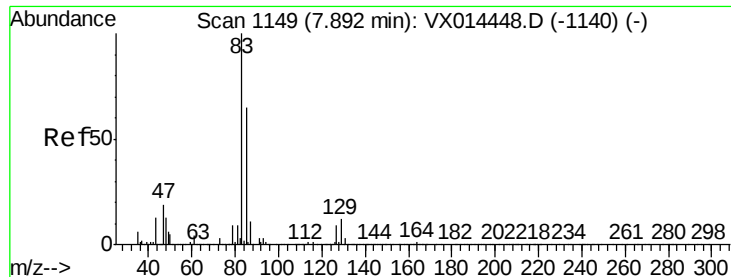
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.2

174 116.2 93.0 139.4





#47

Bromodichloromethane

Concen: 50.857 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

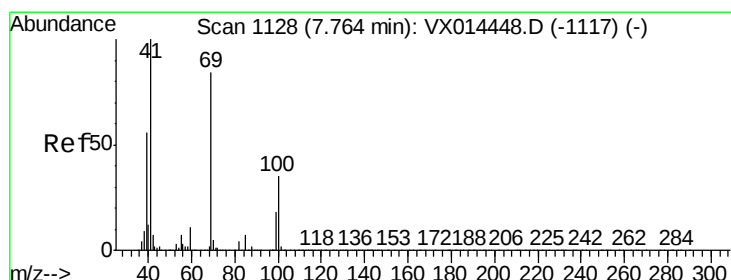
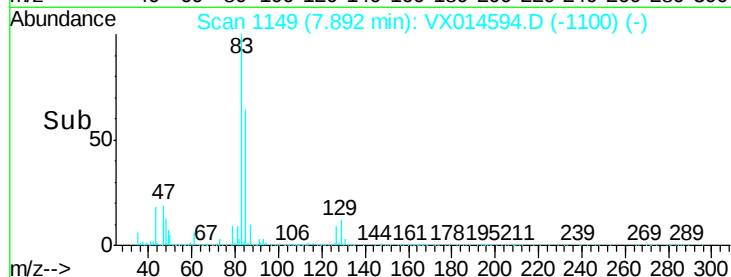
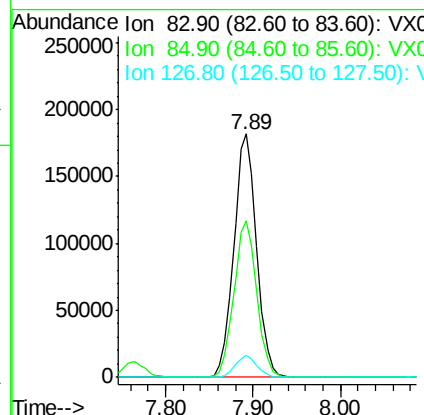
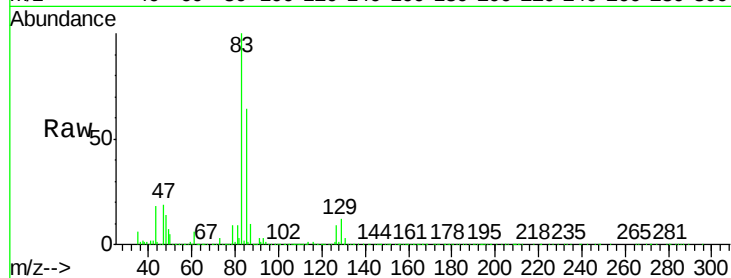
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	327316
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.7	77.5
127	9.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.179 ug/l

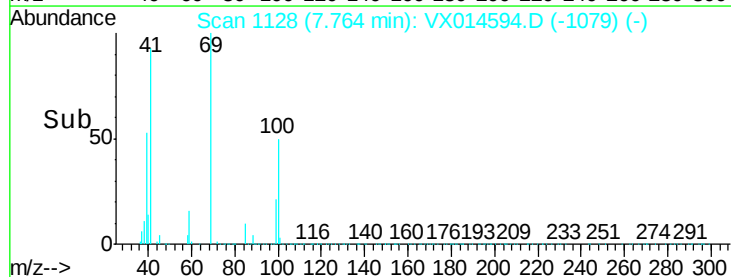
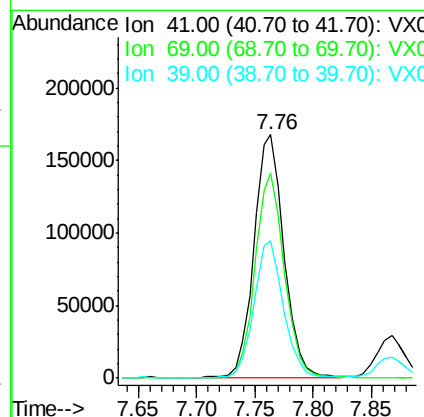
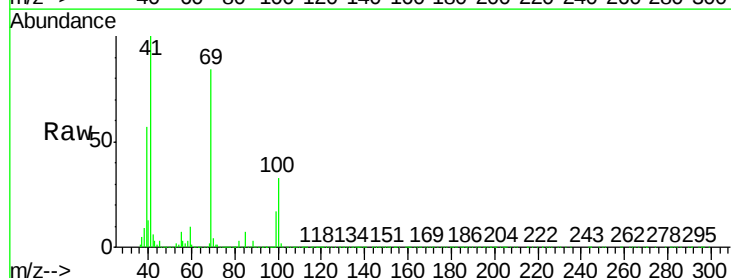
RT: 7.76 min Scan# 1128

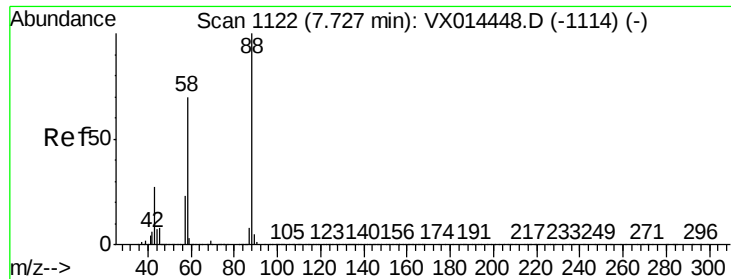
Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion	41	Resp	299310
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.5	98.3
39	56.2	43.9	65.9





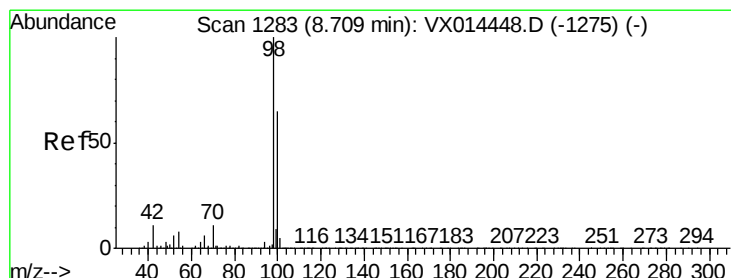
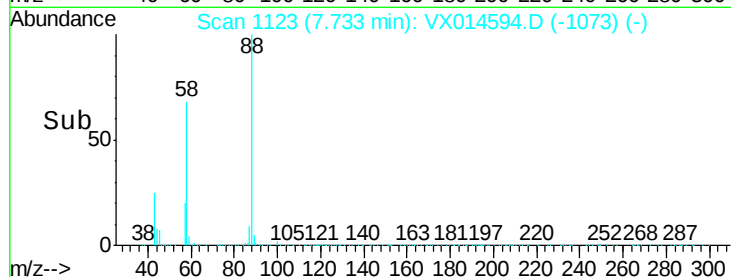
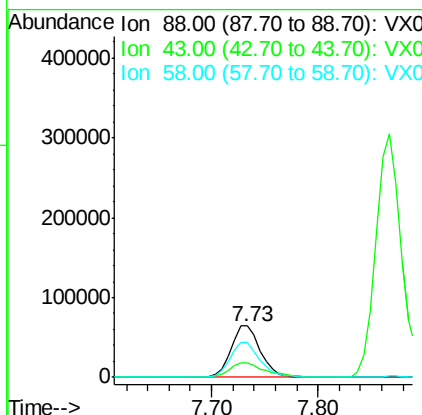
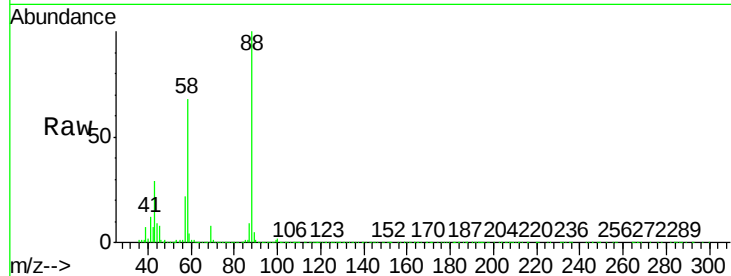
#49
1,4-Dioxane
Concen: 1046.917 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
88	100		124854		
43	33.3	27.4	41.0		
58	69.0	57.1	85.7		

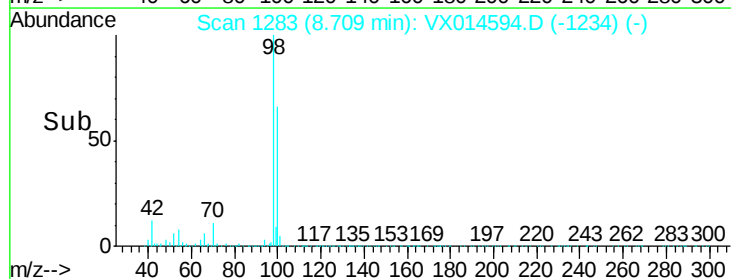
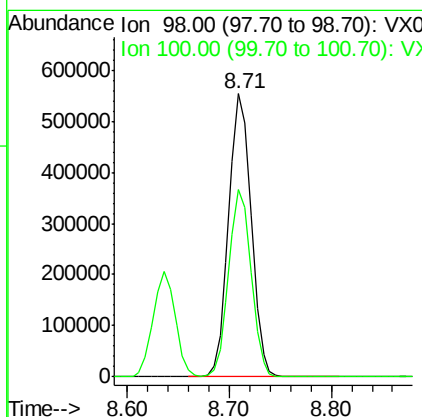
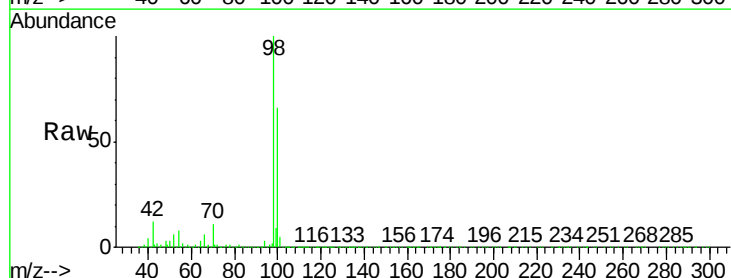
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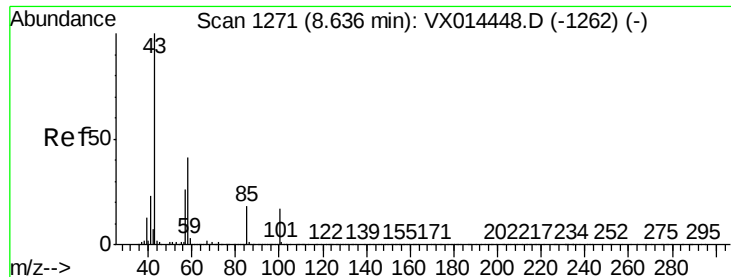
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#50
Toluene-d8
Concen: 50.476 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		844435		
100	65.9	53.2	79.8		





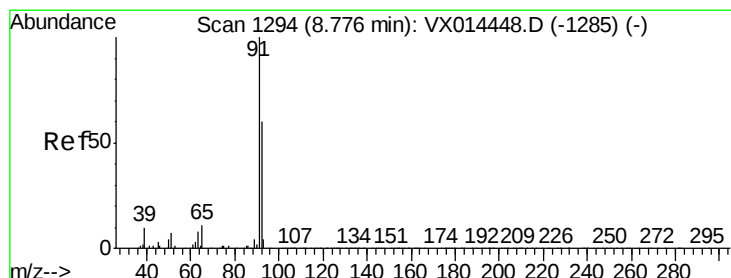
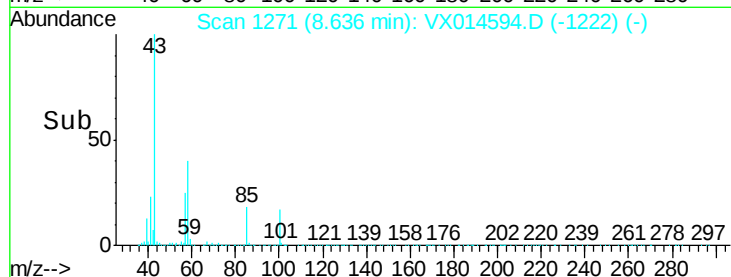
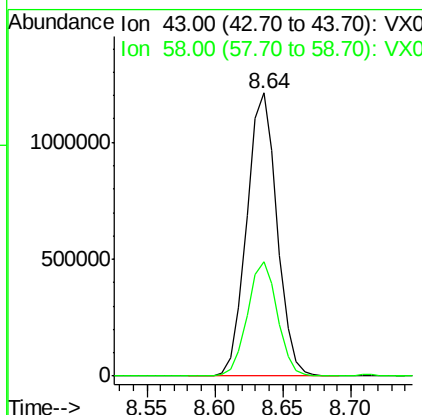
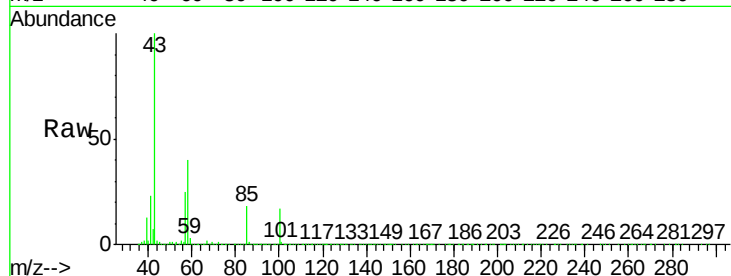
#51
4-Methyl-2-Pentanone
Concen: 264.553 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1894467
Ion Ratio Lower Upper
43 100
58 40.0 32.4 48.6

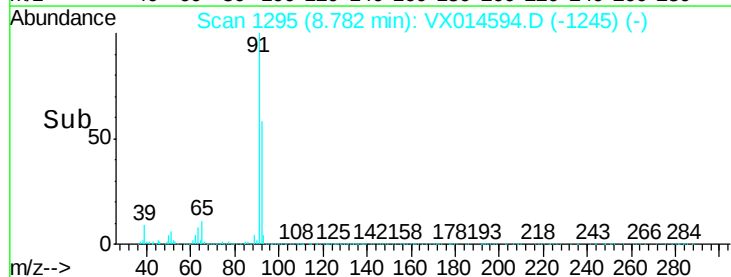
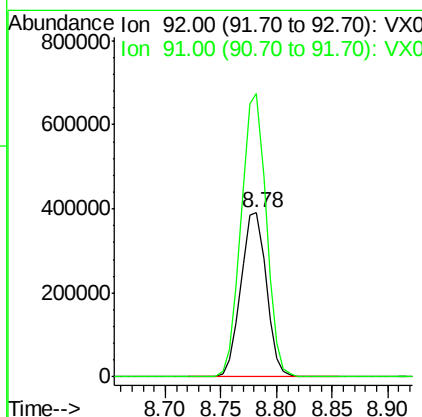
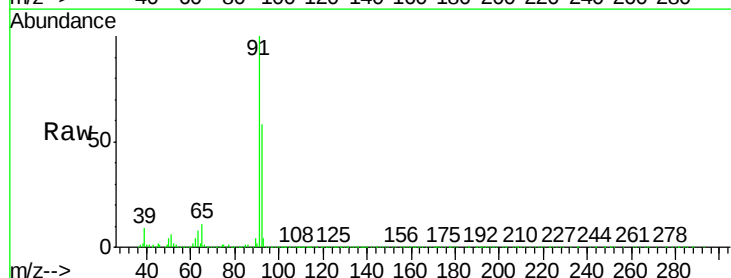
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#52
Toluene
Concen: 48.838 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 92 Resp: 621428
Ion Ratio Lower Upper
92 100
91 170.3 135.7 203.5





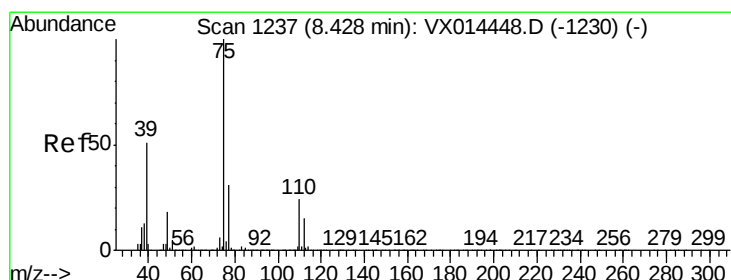
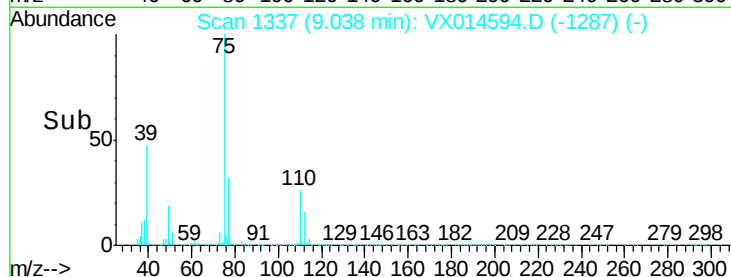
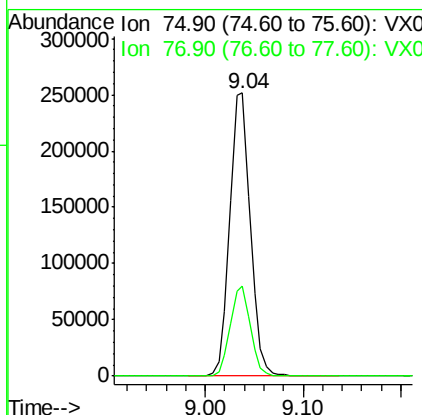
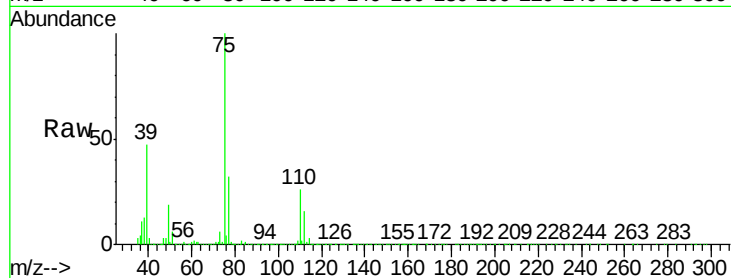
#53
t-1,3-Dichloropropene
Concen: 49.005 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 367192
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

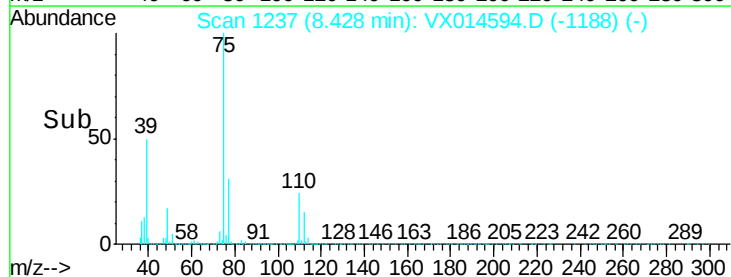
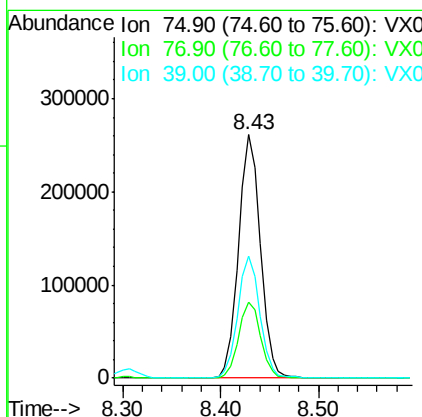
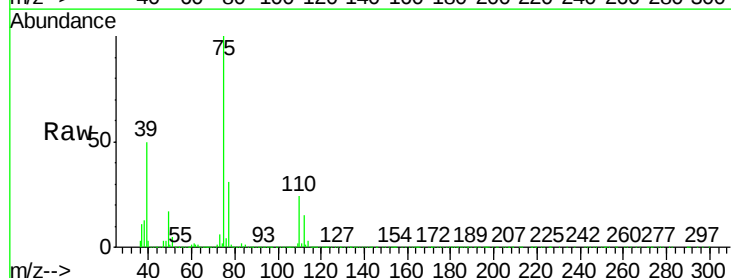
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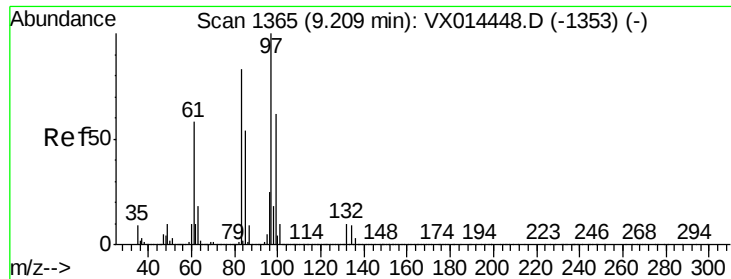
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#54
cis-1,3-Dichloropropene
Concen: 50.195 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 75 Resp: 406285
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 49.8 40.7 61.1





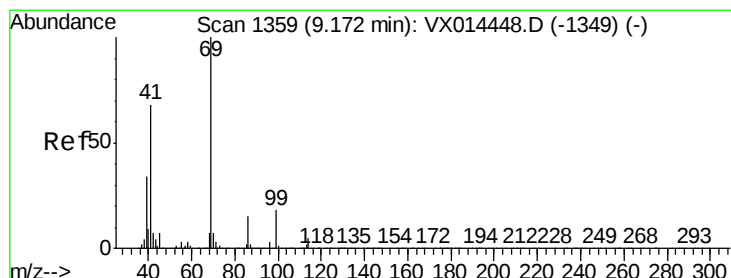
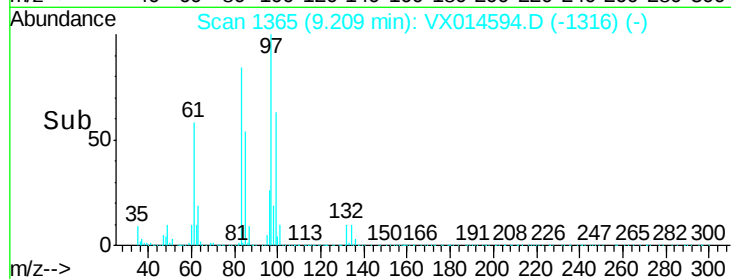
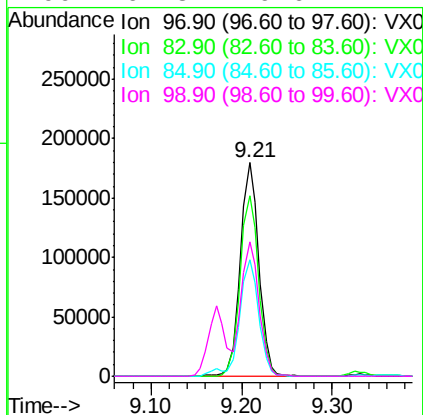
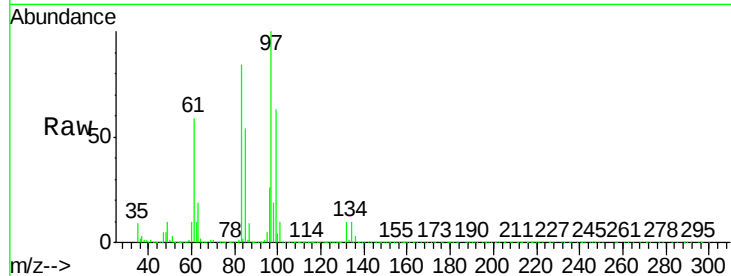
#55
 1,1,2-Trichloroethane
 Concen: 49.977 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		255425		
83	84.3	66.4	99.6		
85	54.2	43.4	65.2		
99	62.8	49.6	74.4		

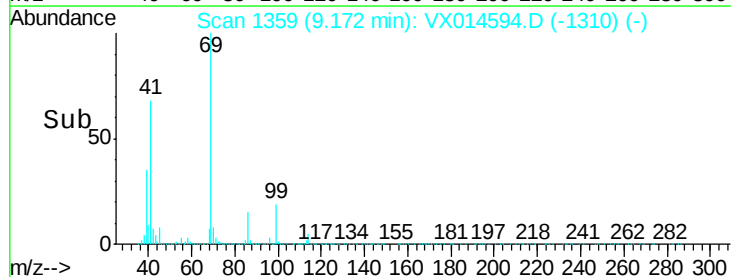
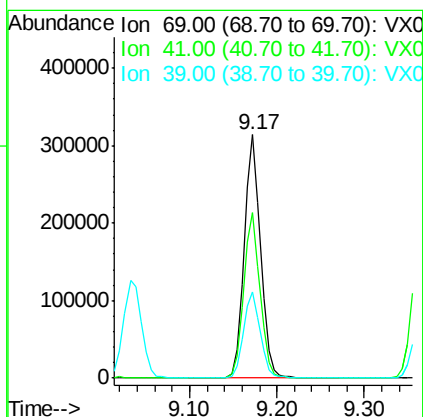
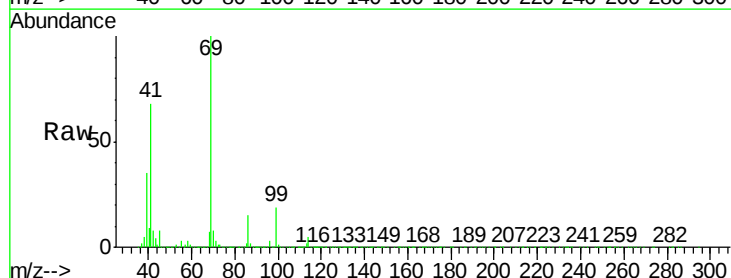
Manual Integrations
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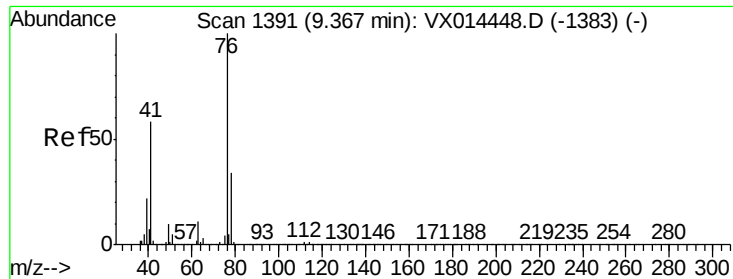
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#56
 Ethyl methacrylate
 Concen: 51.974 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		406955		
41	67.9	54.2	81.2		
39	36.2	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 49.658 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 424340

Ion Ratio Lower Upper

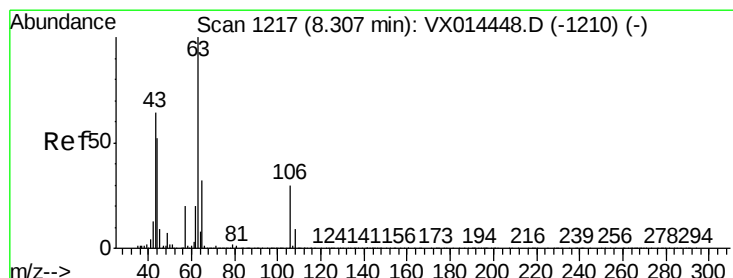
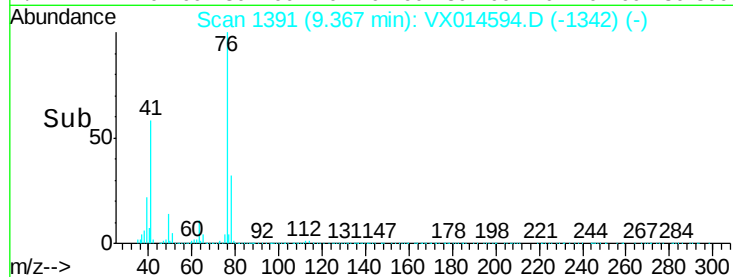
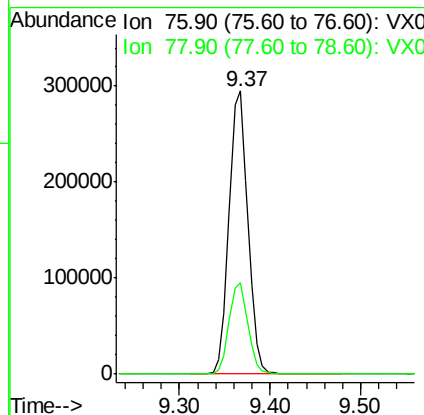
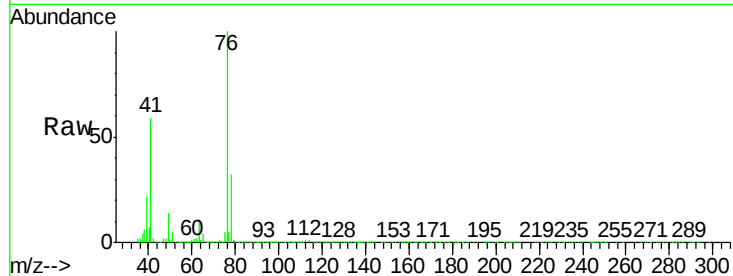
76 100

78 32.6 26.4 39.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 263.326 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014594.D

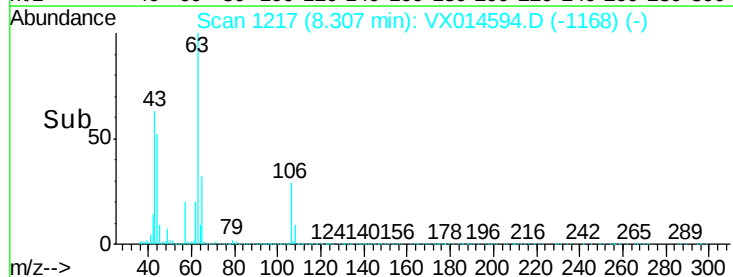
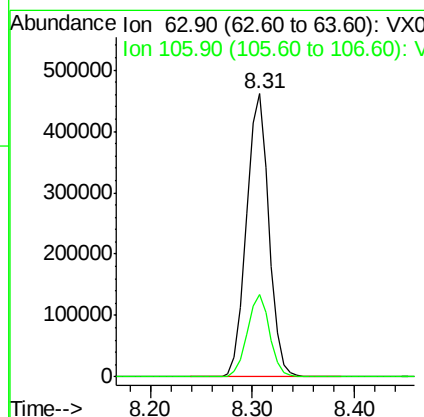
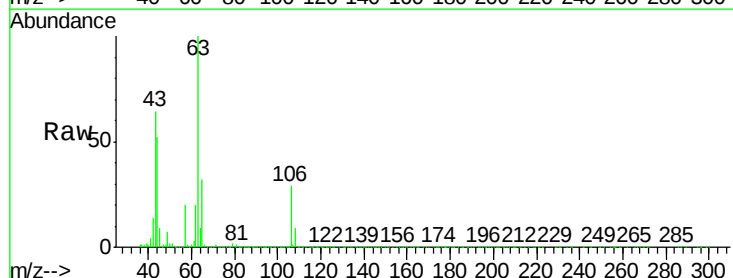
Acq: 13 Jan 2020 18:04

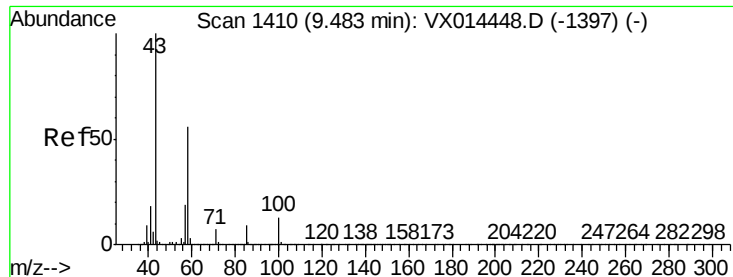
Tgt Ion: 63 Resp: 701509

Ion Ratio Lower Upper

63 100

106 29.2 23.6 35.4





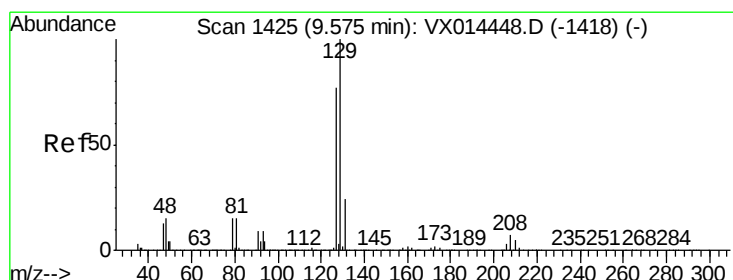
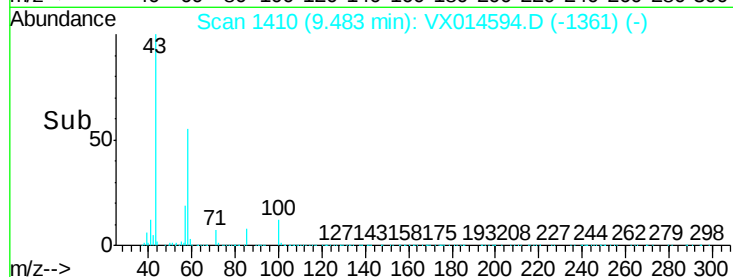
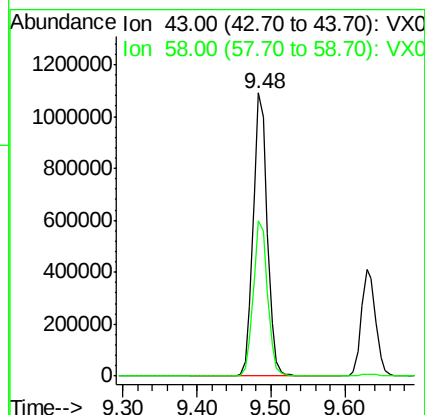
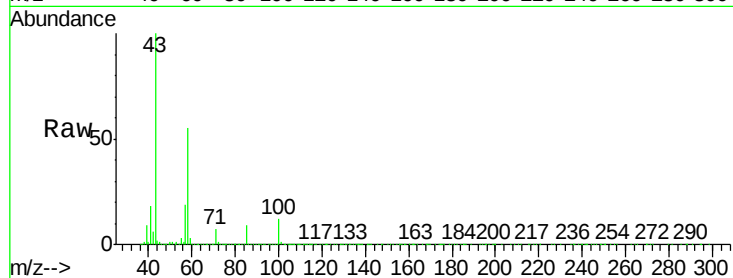
#59
2-Hexanone
Concen: 257.407 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1458494
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7

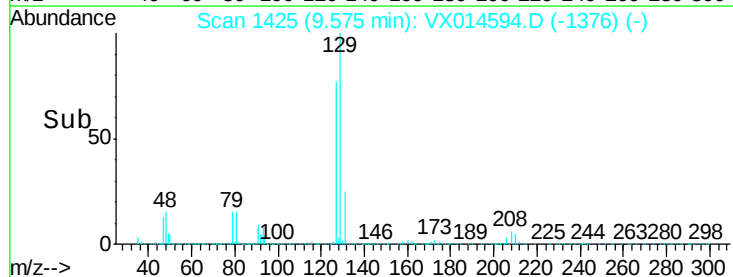
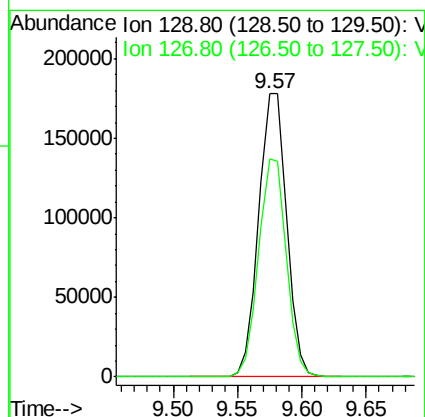
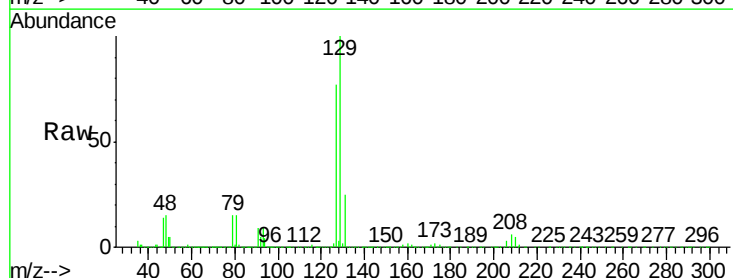
Manual Integrations
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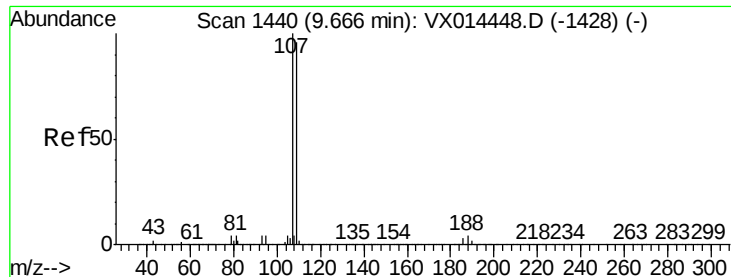
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1/14/2020 3:11:23 PM



#60
Dibromochloromethane
Concen: 51.953 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 129 Resp: 266882
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





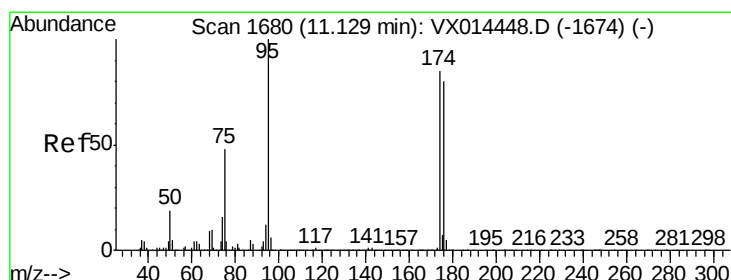
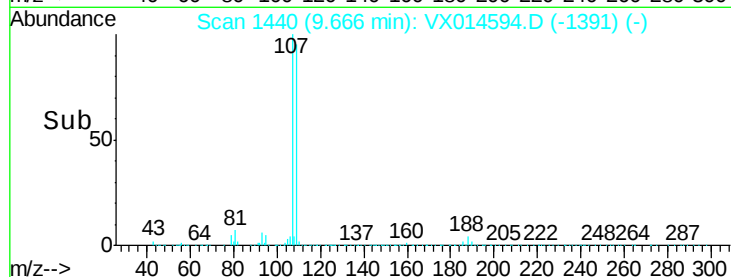
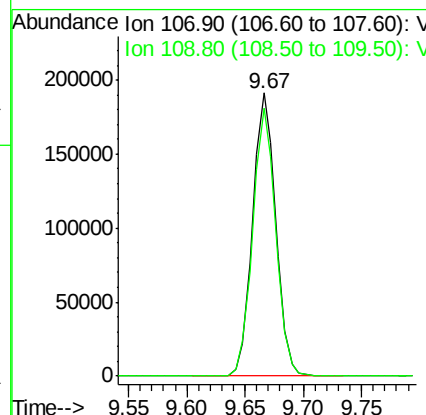
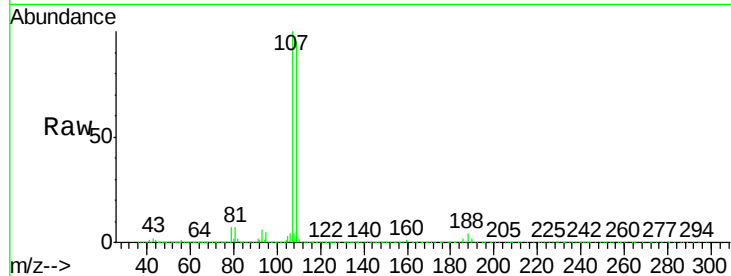
#61
 1,2-Dibromoethane
 Concen: 49.086 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.5	114.7

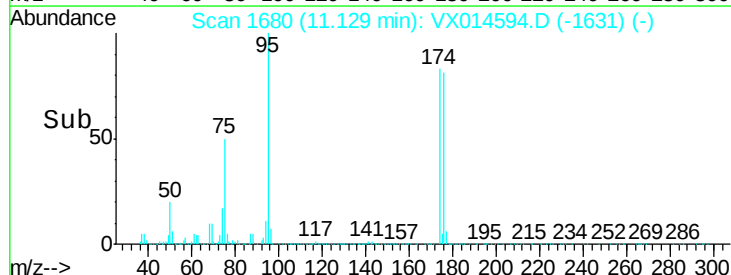
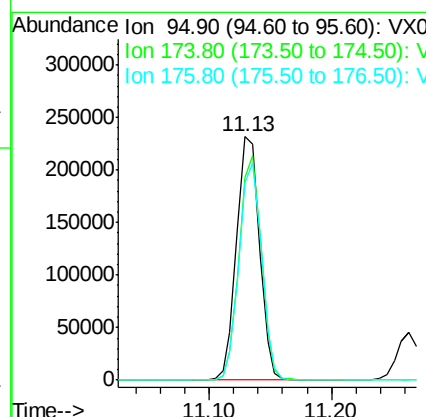
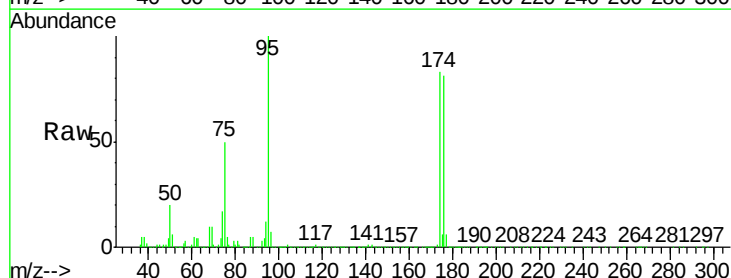
Manual Integrations
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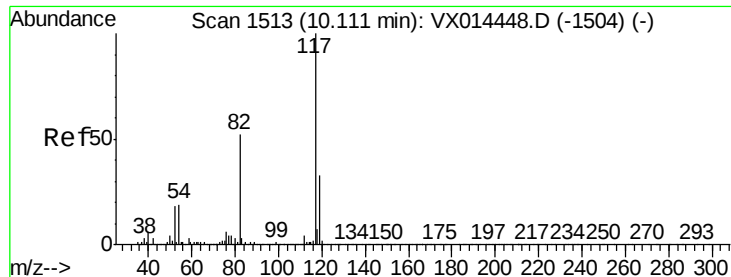
MMDadoda
 1/14/2020 3:11:23 PM



#62
 4-Bromofluorobenzene
 Concen: 48.823 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.8
176	87.9	0.0	172.8





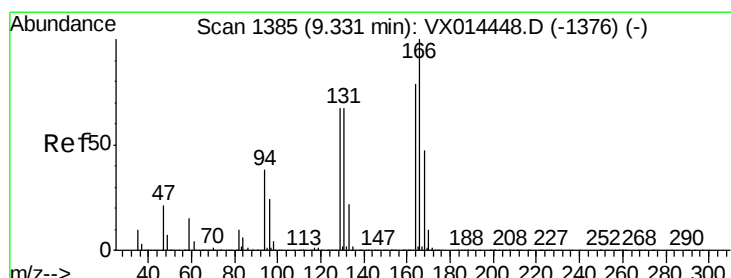
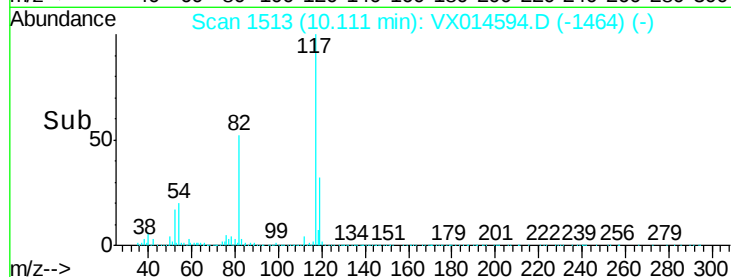
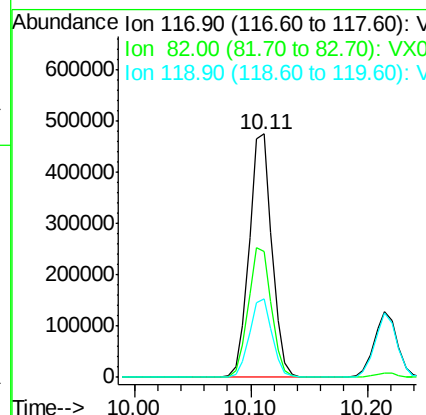
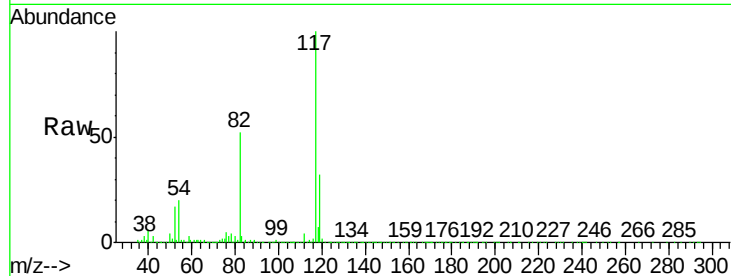
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.6
119	32.1	26.2	39.4

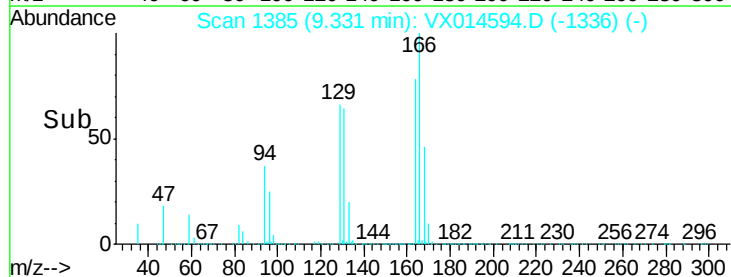
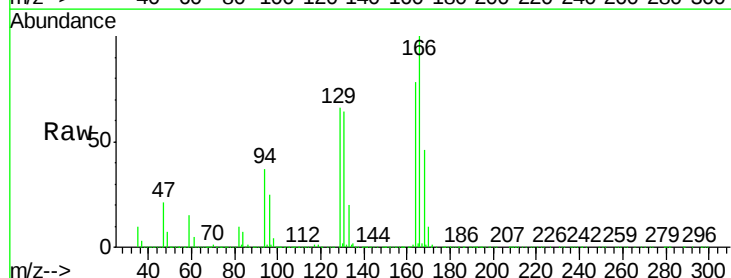
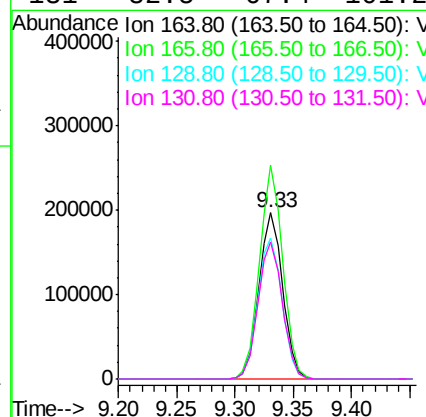
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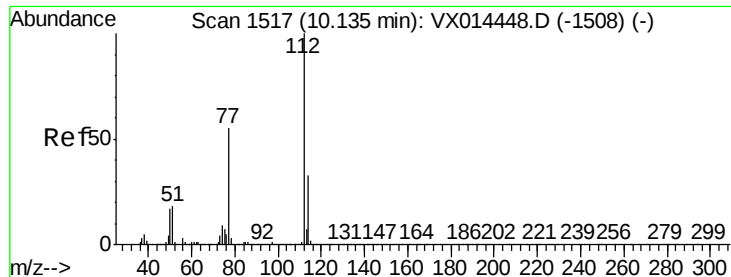
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#64
Tetrachloroethene
Concen: 43.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.2	151.8
129	84.9	68.3	102.5
131	82.5	67.4	101.2





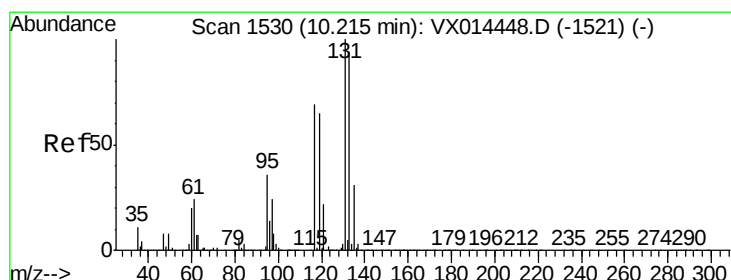
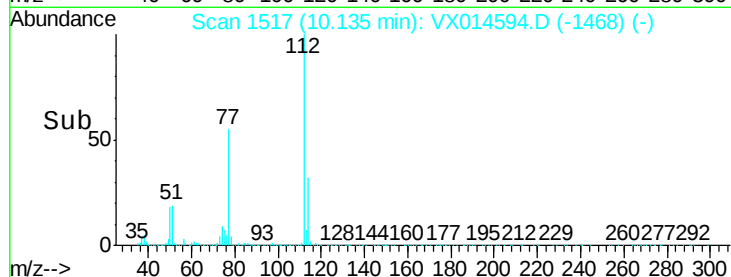
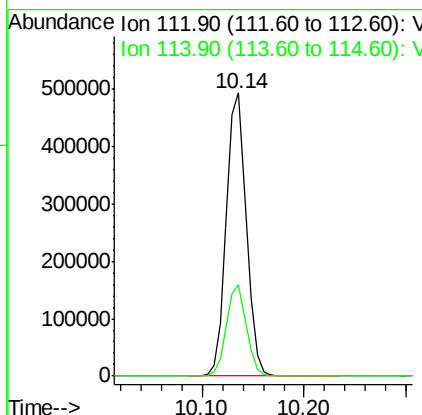
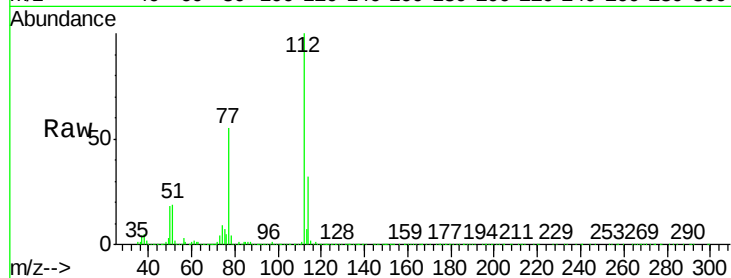
#65
Chlorobenzene
Concen: 47.582 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.4

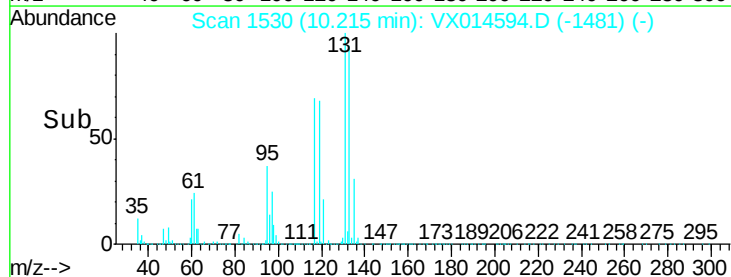
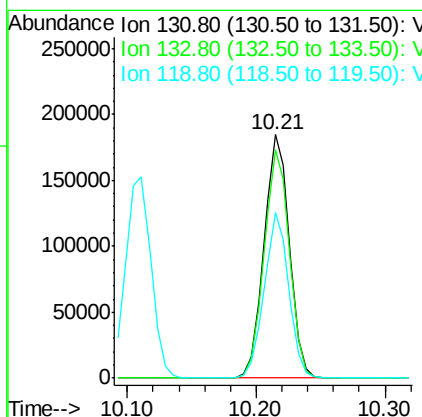
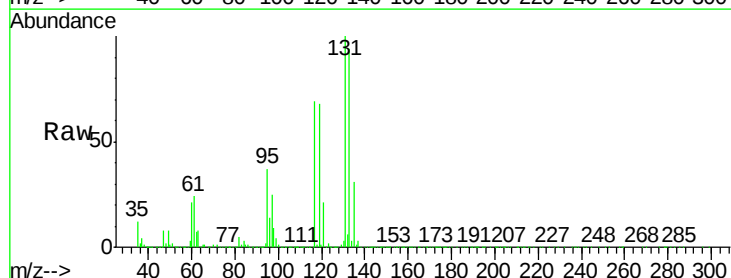
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.242 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	47.3	142.0
119	65.4	32.8	98.4





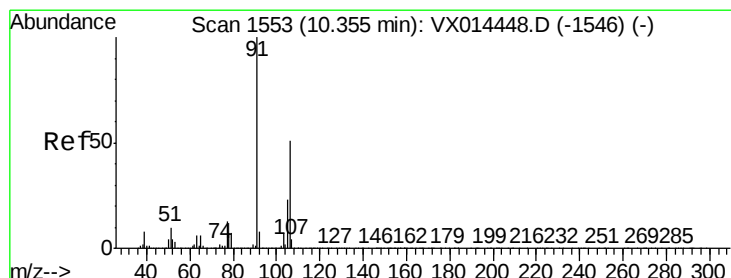
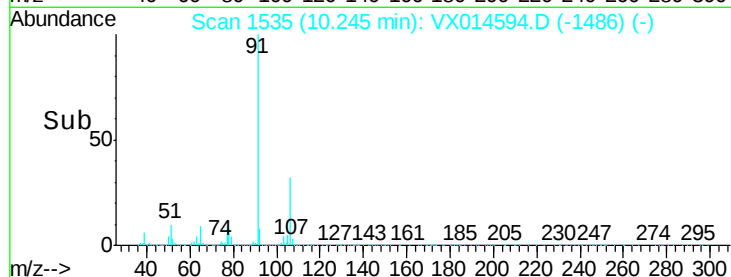
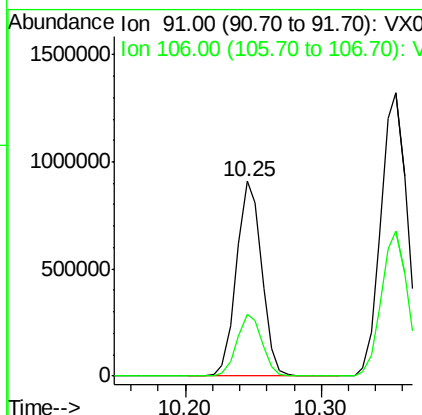
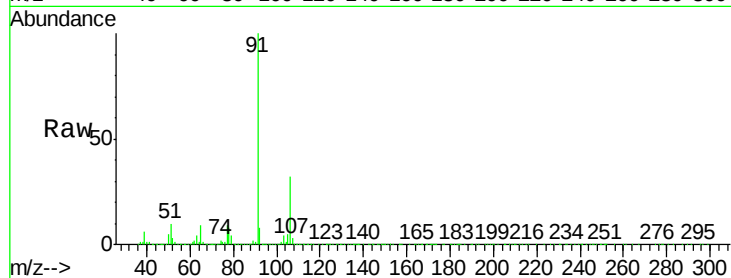
#67
Ethyl Benzene
Concen: 49.198 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1175348
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

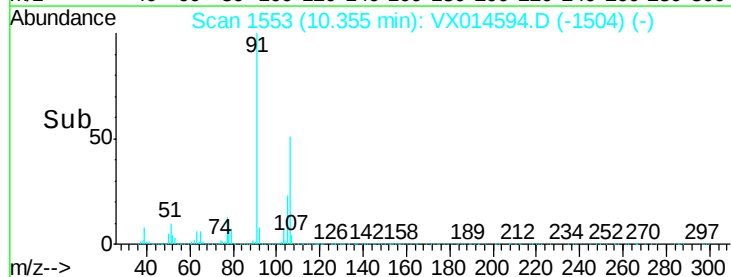
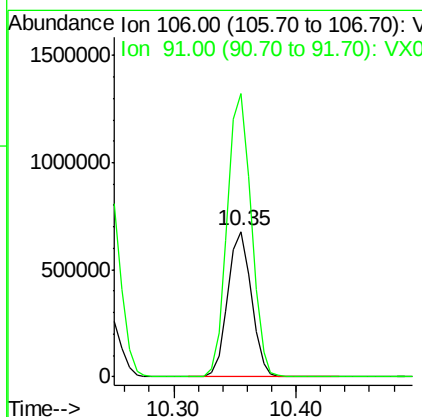
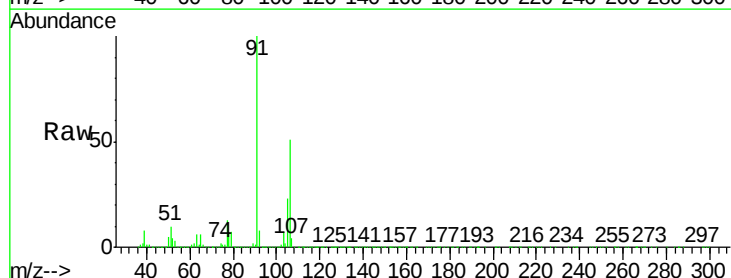
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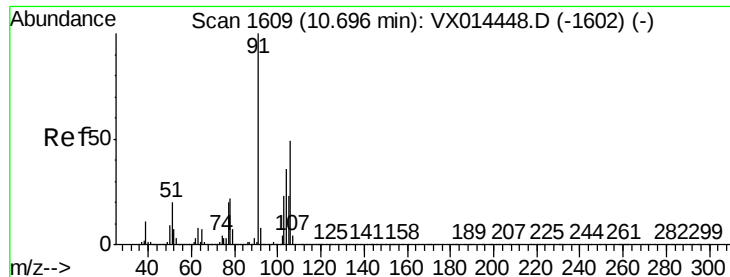
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#68
m/p-Xylenes
Concen: 97.960 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 106 Resp: 902871
Ion Ratio Lower Upper
106 100
91 198.7 157.4 236.0





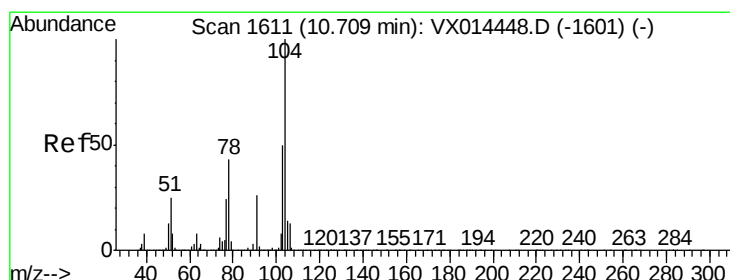
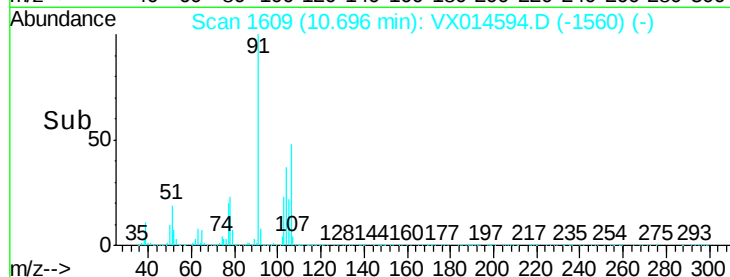
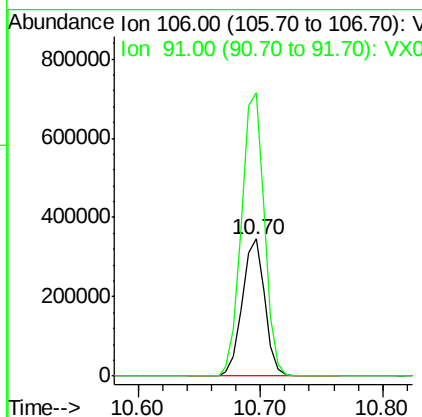
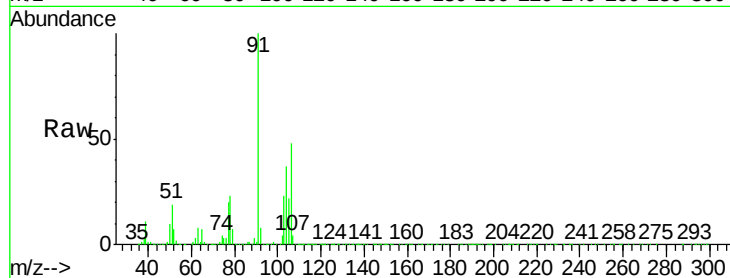
#69
o-Xylene
Concen: 49.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	105.1	315.1

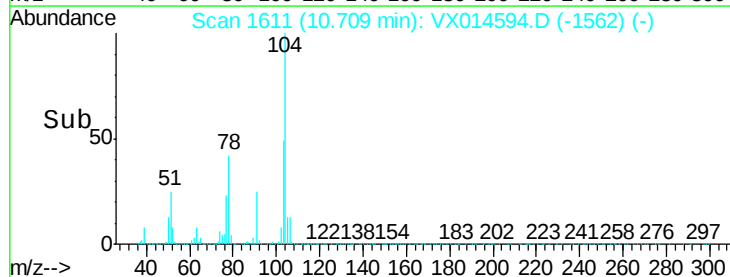
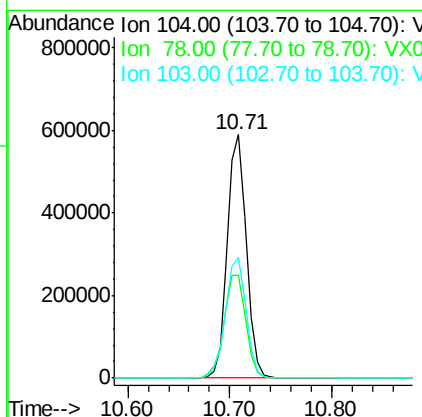
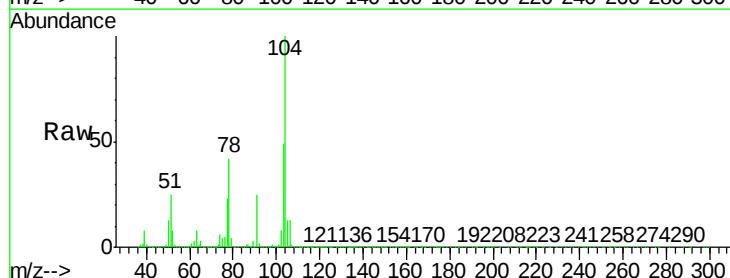
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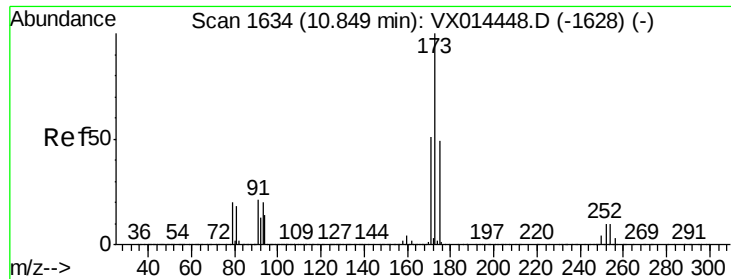
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#70
Styrene
Concen: 49.947 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.6	58.0
103	54.1	43.7	65.5





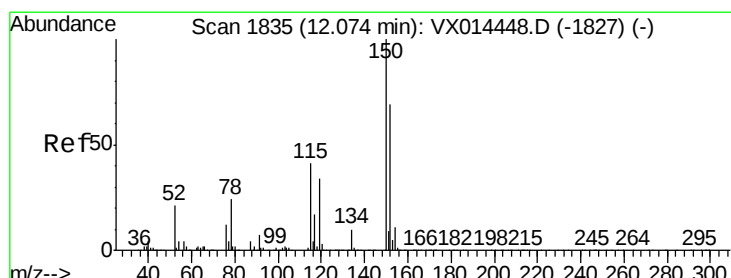
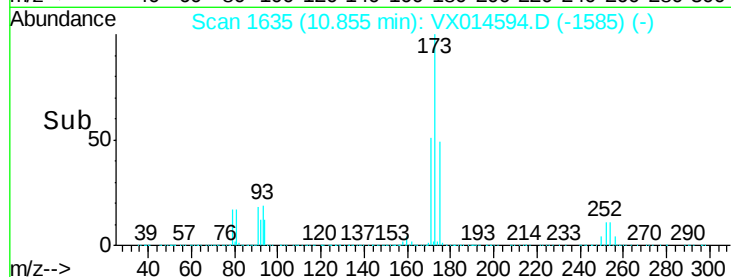
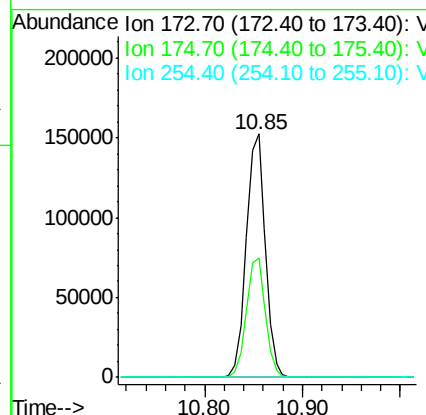
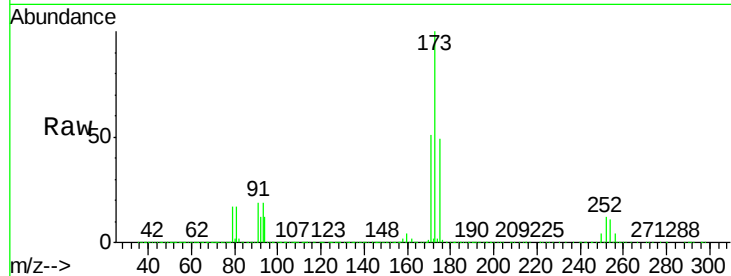
#71
Bromoform
Concen: 50.344 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.3	0.2	0.2#

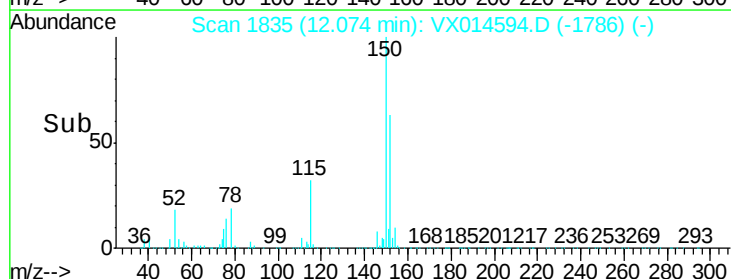
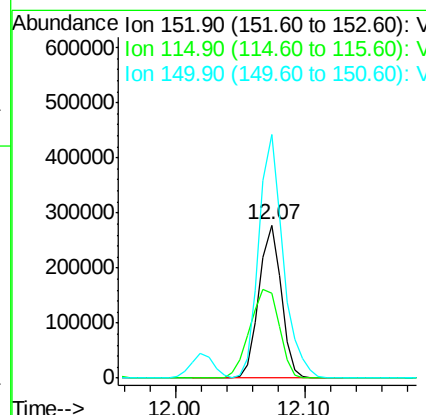
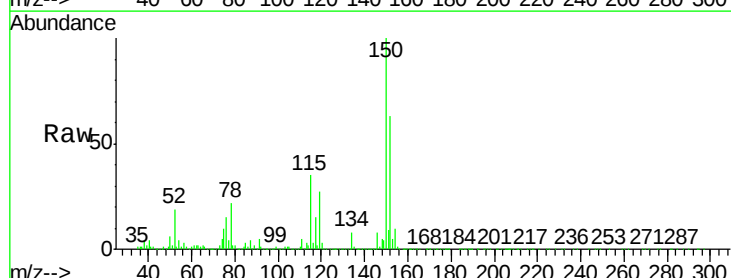
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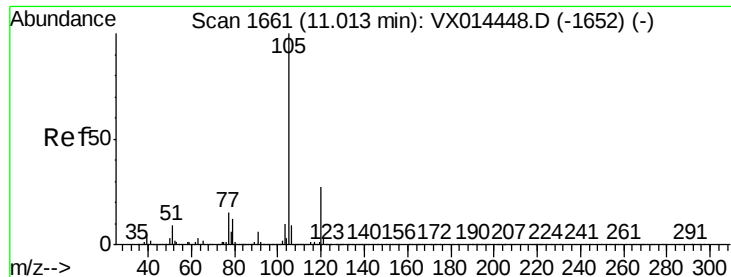
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.4	39.5	118.3
150	173.7	0.0	350.2





#73

Isopropylbenzene

Concen: 50.277 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1160177

Ion Ratio Lower Upper

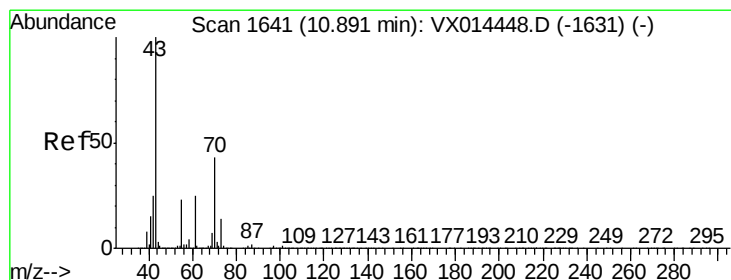
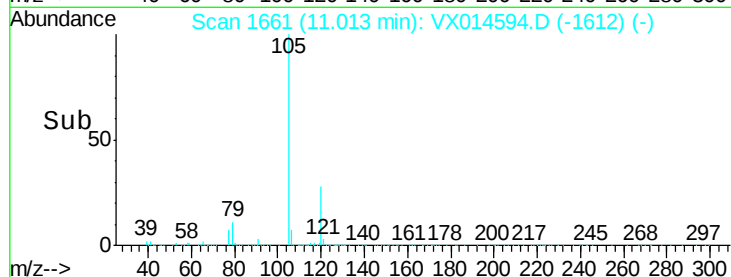
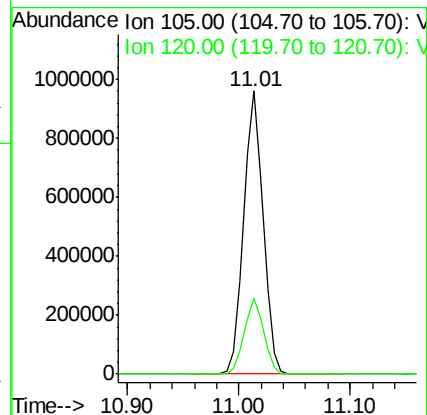
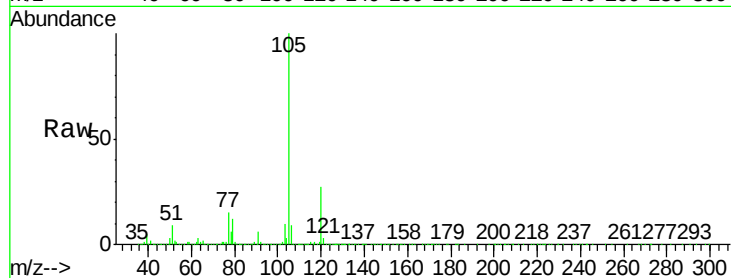
105 100

120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 53.334 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion: 43 Resp: 542978

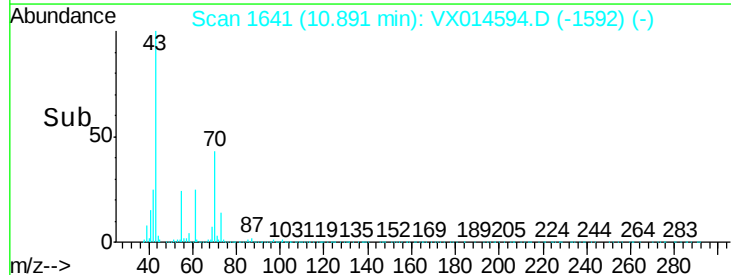
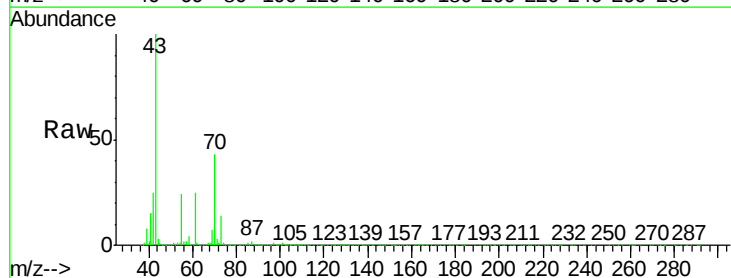
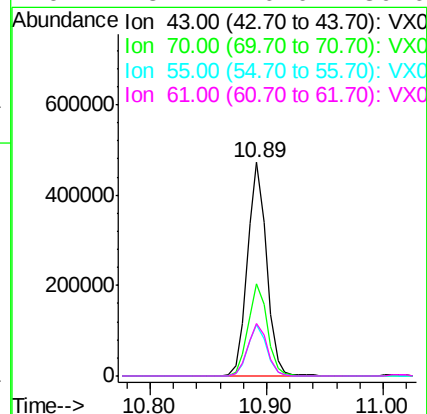
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 23.6 19.3 28.9

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.659 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

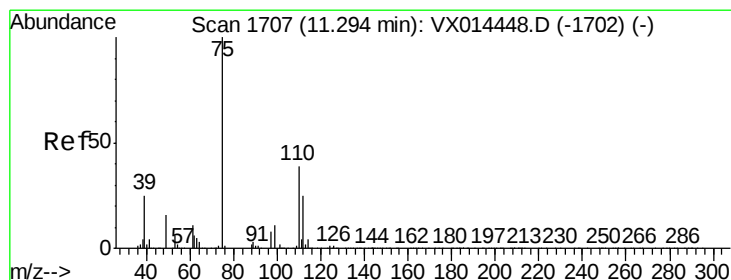
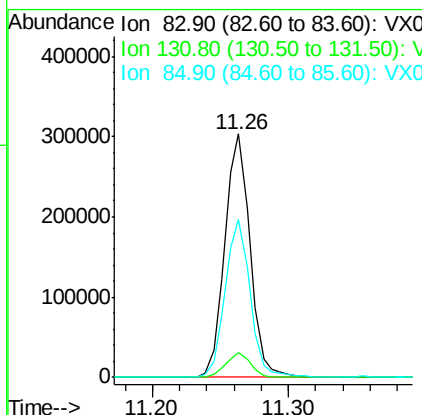
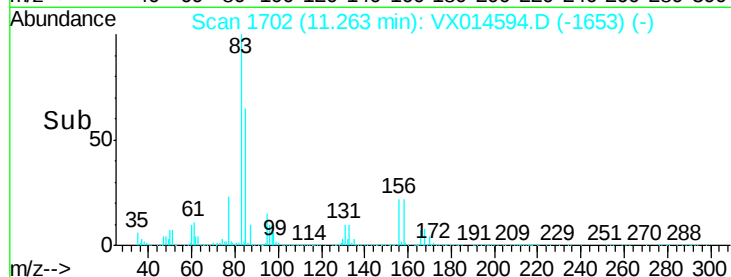
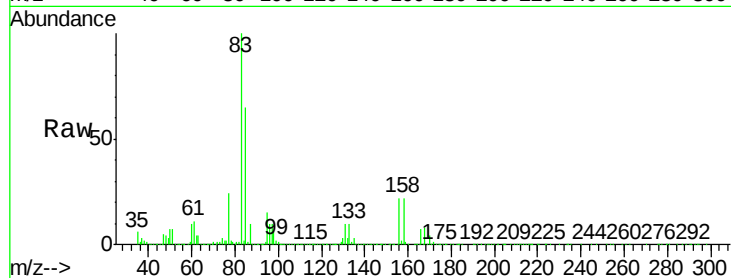
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	389696
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 47.119 ug/l m

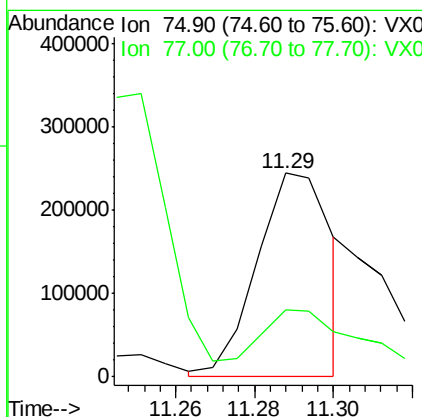
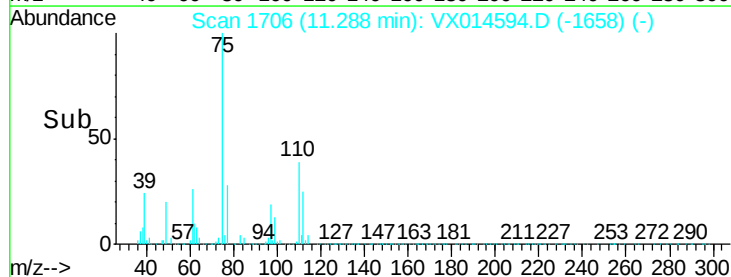
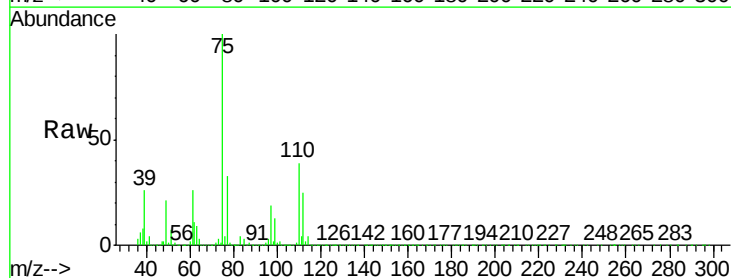
RT: 11.29 min Scan# 1706

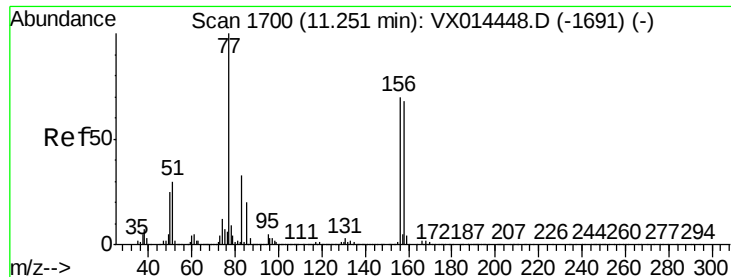
Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	75	Resp:	320367
Ion Ratio	Lower	Upper	
75	100		
77	46.1	21.9	65.7





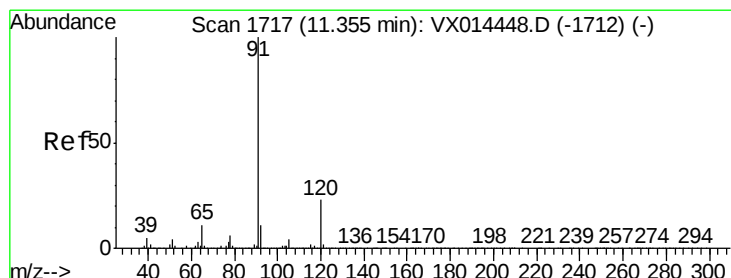
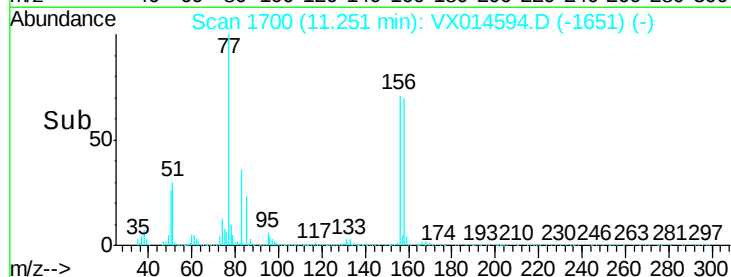
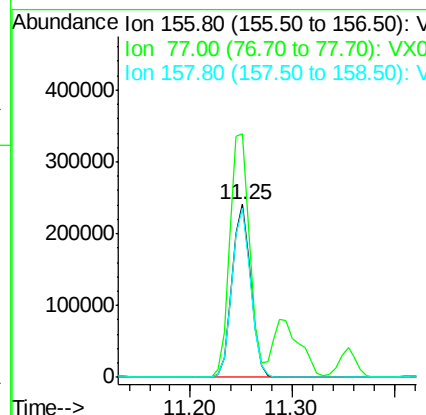
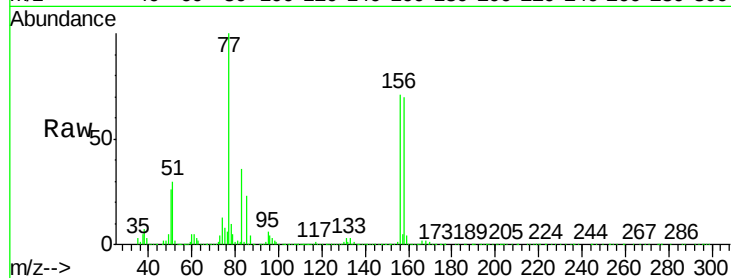
#77
Bromobenzene
Concen: 47.264 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
156	100	302463		
77	149.3	75.4	226.3	
158	97.7	48.8	146.3	

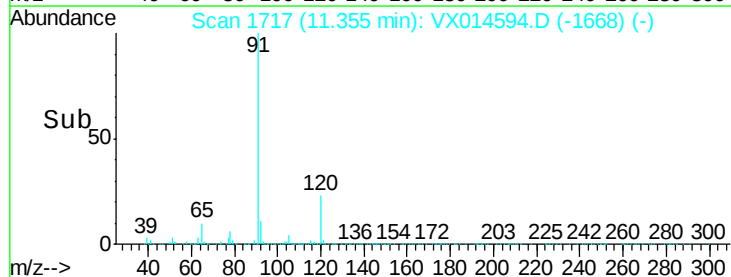
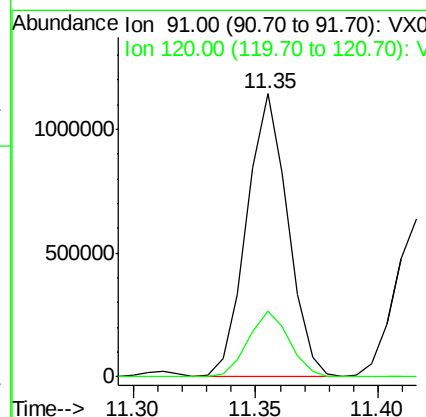
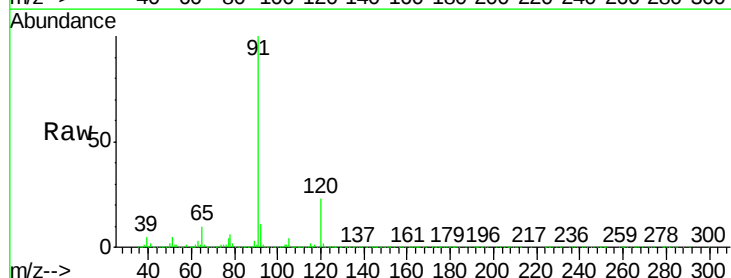
Manual Integrations
APPROVED

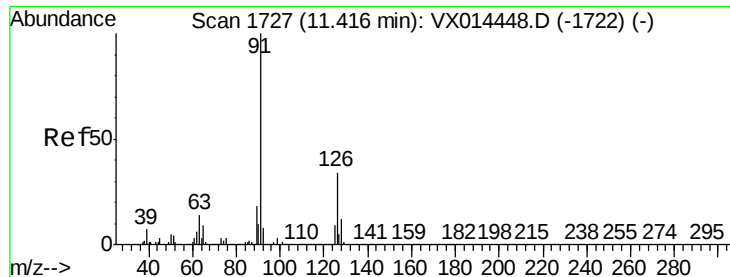
MMDadoda
1/14/2020 3:11:23 PM



#78
n-propylbenzene
Concen: 50.139 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1325060		
120	23.3	11.9	35.5	





#79

2-Chlorotoluene

Concen: 49.198 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 774901

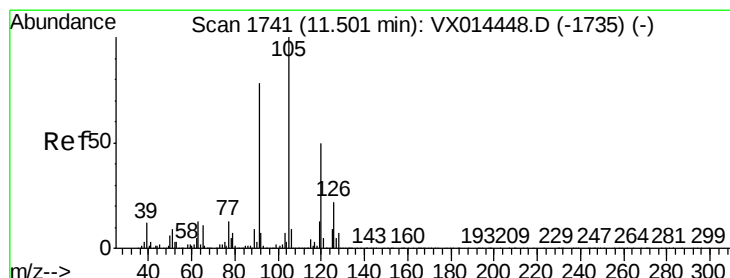
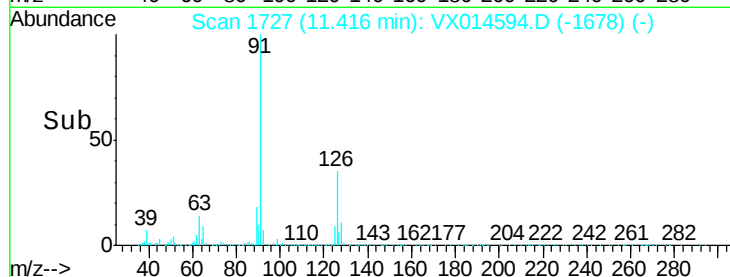
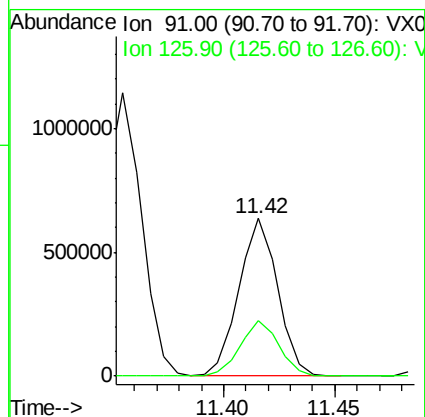
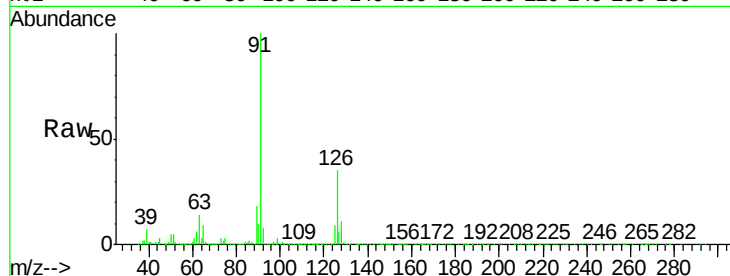
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5

Manual Integrations
APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 50.250 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014594.D

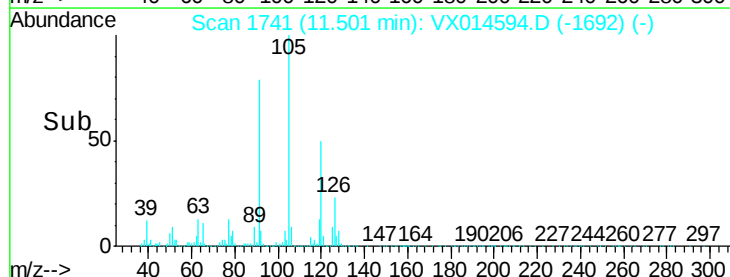
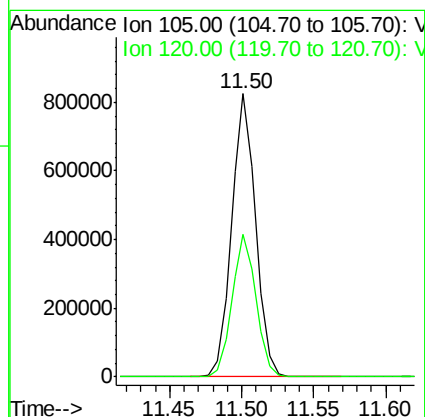
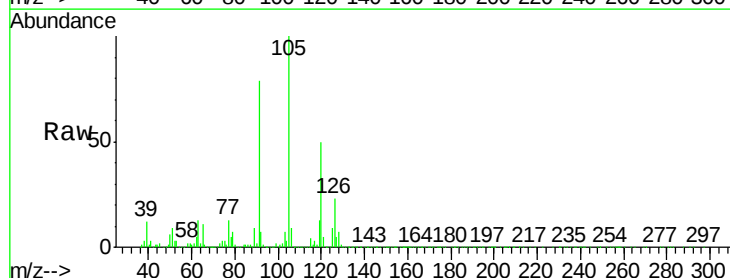
Acq: 13 Jan 2020 18:04

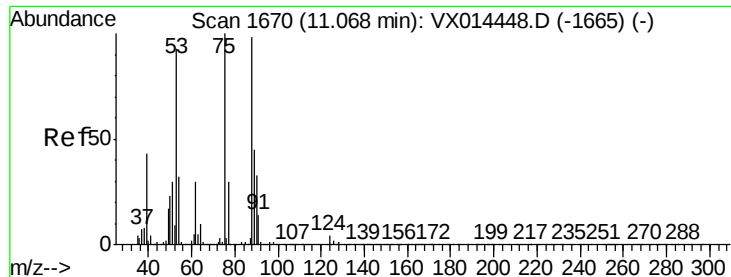
Tgt Ion: 105 Resp: 962713

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.518 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

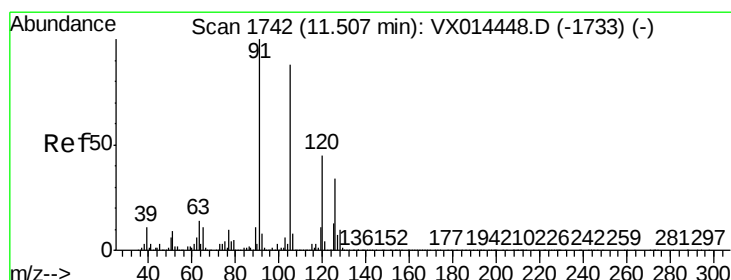
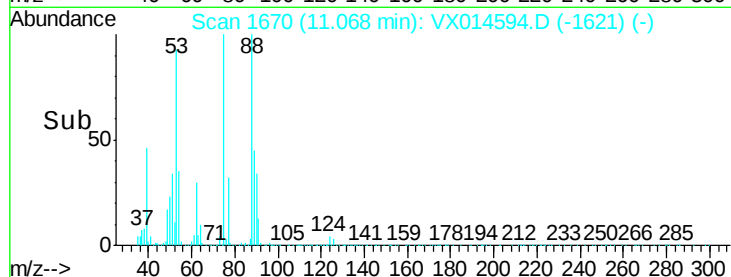
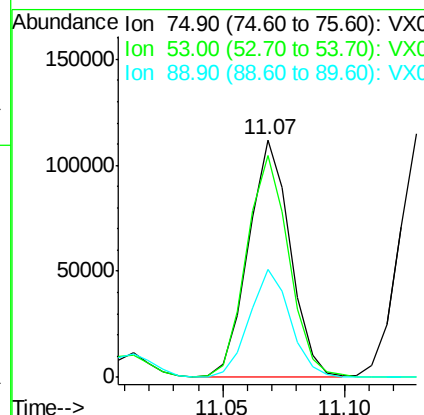
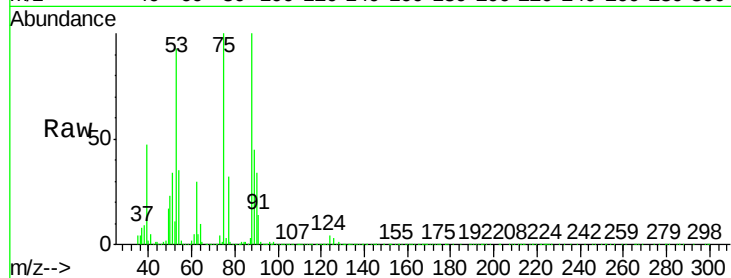
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	132489
Ion Ratio	Lower	Upper	
75	100		
53	94.2	74.8	112.2
89	45.0	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.229 ug/l

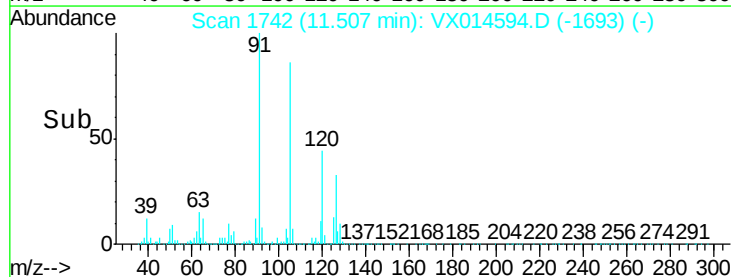
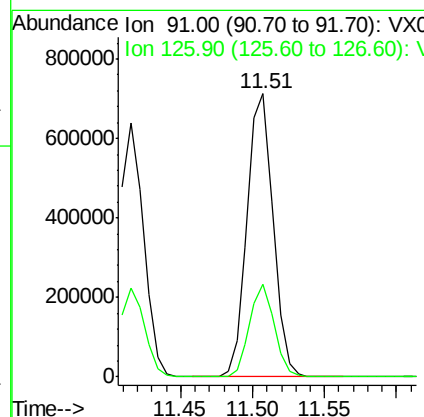
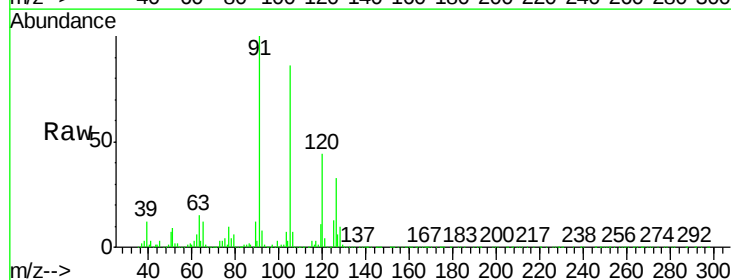
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	91	Resp:	891679
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 51.143 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

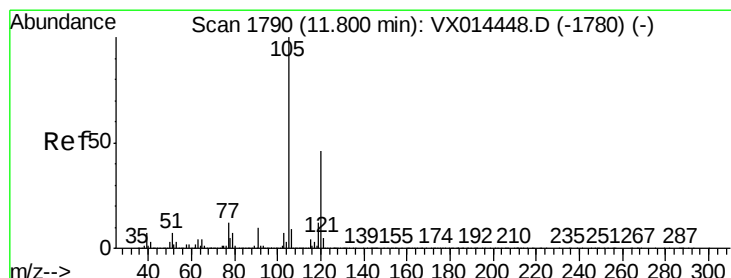
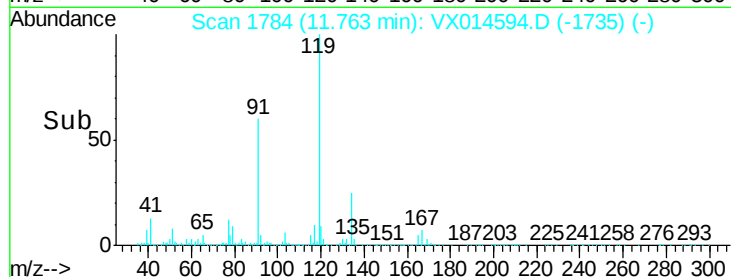
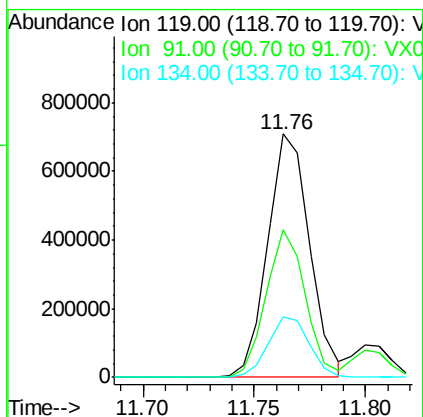
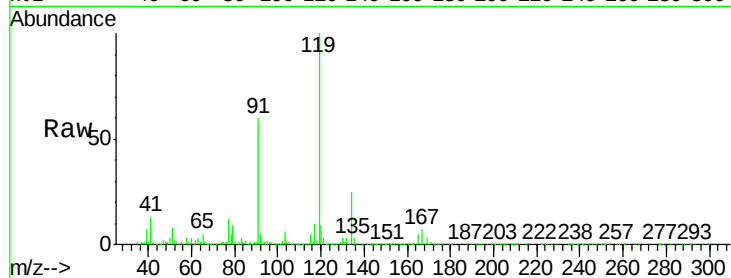
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	925794
Ion Ratio	Lower	Upper	
119	100		
91	56.8	29.3	88.0
134	24.5	12.4	37.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.223 ug/l

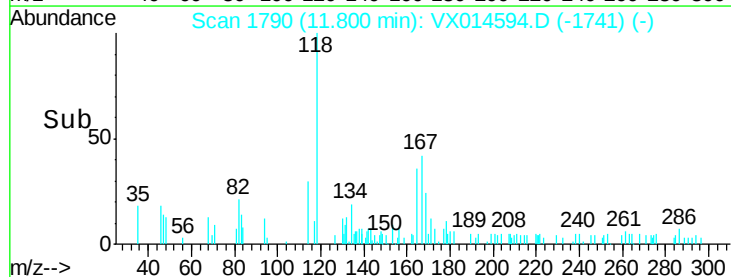
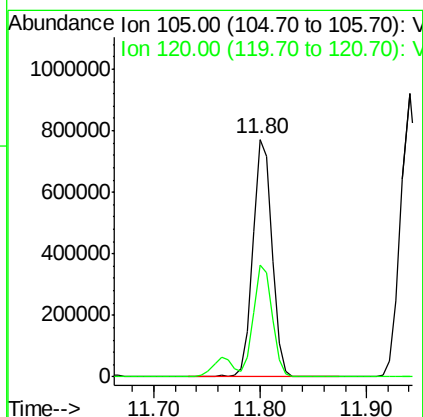
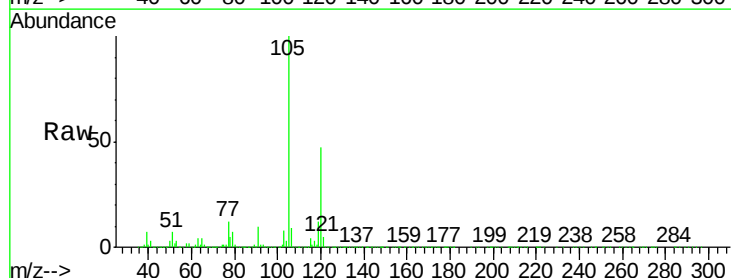
RT: 11.80 min Scan# 1790

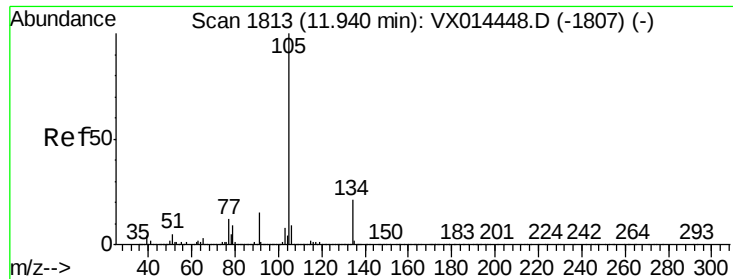
Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	105	Resp:	972270
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.210 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1107404

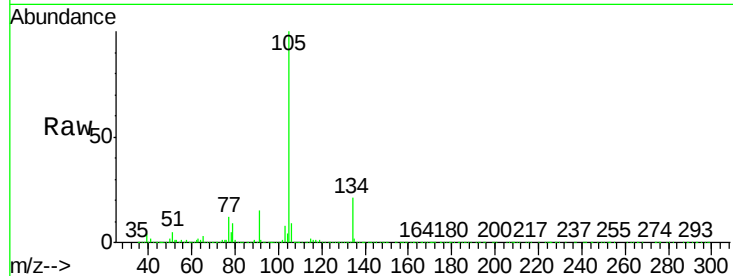
Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5

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

Ion 134.00 (133.70 to 134.70): V

11.94

800000

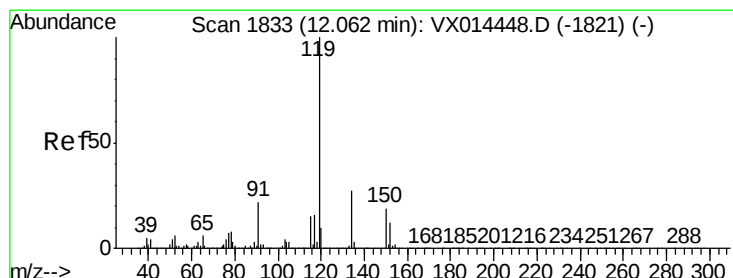
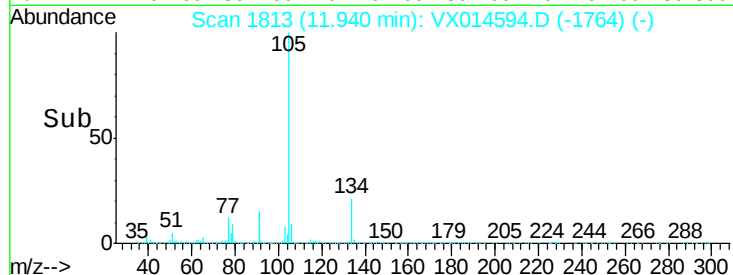
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.967 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

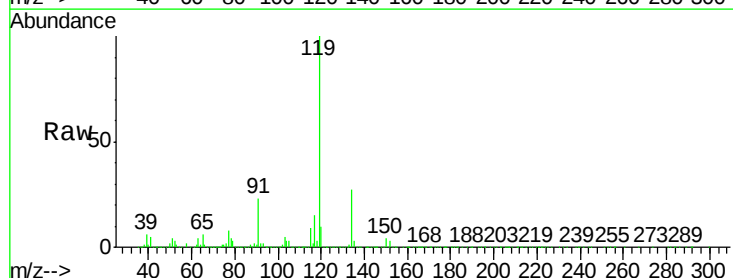
Tgt Ion:119 Resp: 1043423

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.6 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

1000000

800000

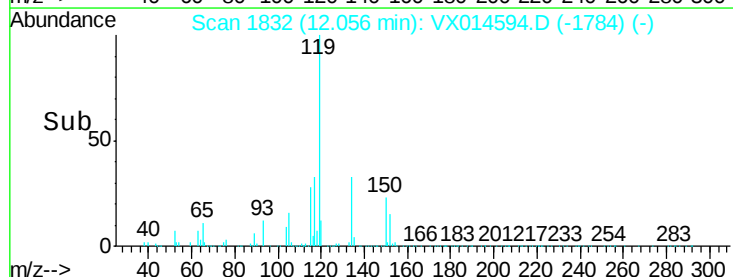
600000

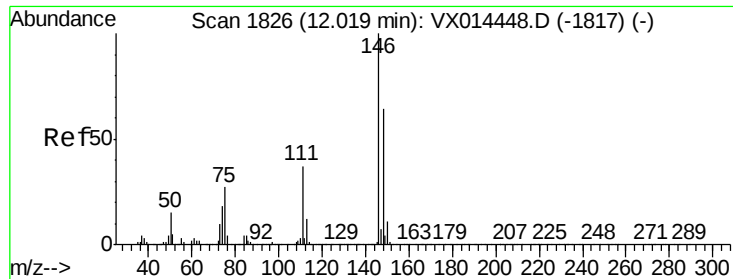
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.486 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

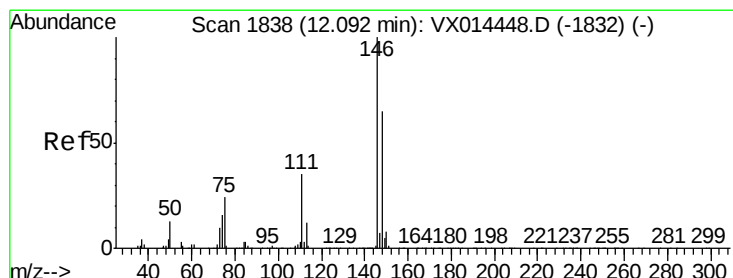
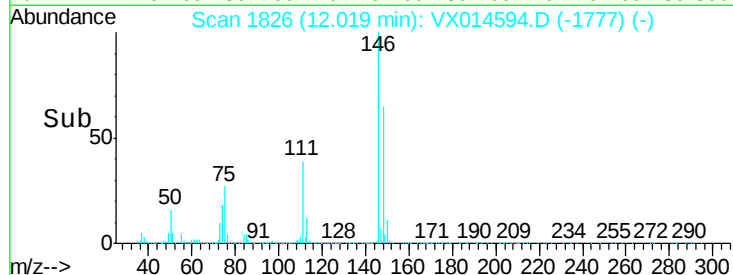
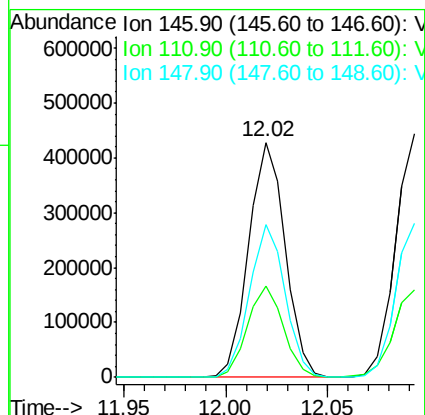
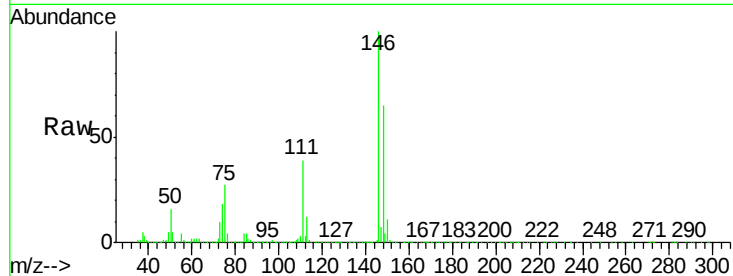
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	533882
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.7
148	63.7	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.527 ug/l

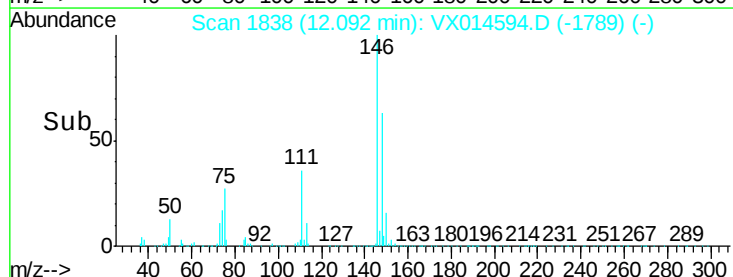
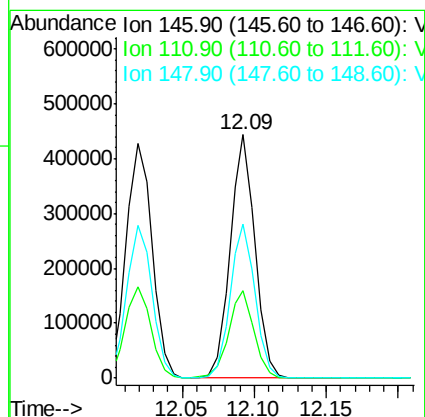
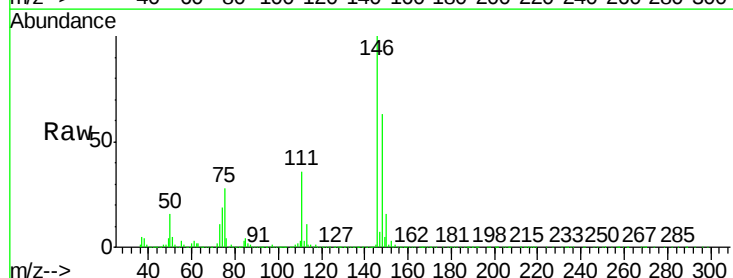
RT: 12.09 min Scan# 1838

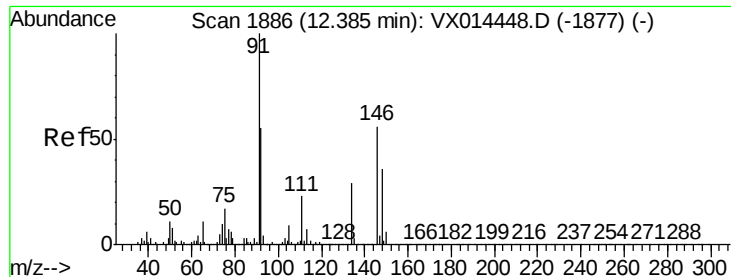
Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	146	Resp:	534437
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.1	54.1
148	63.6	32.1	96.3





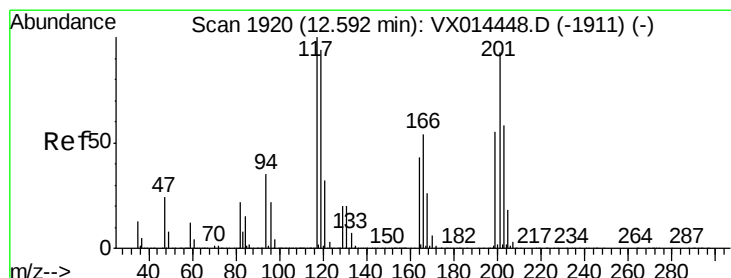
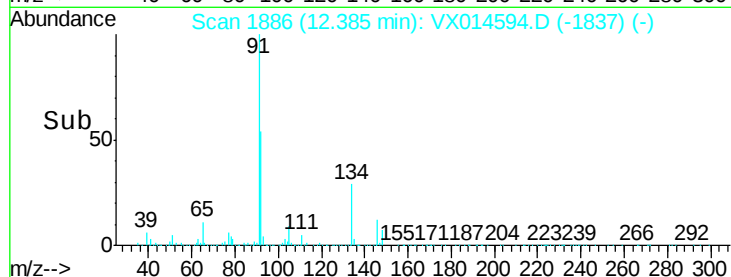
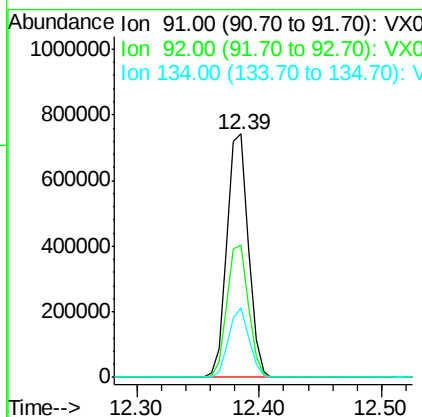
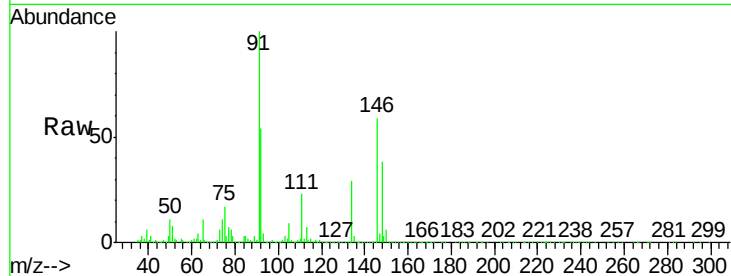
#89
n-Butylbenzene
Concen: 46.935 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.3	13.9	41.7

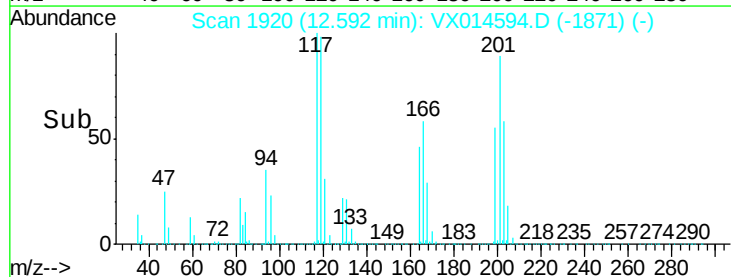
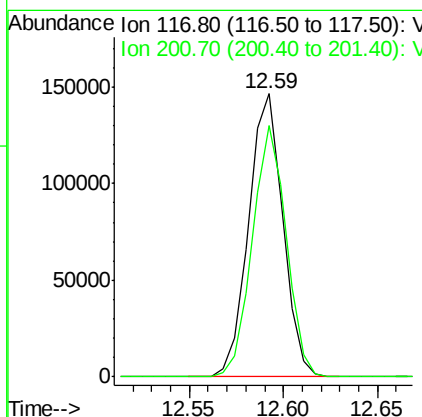
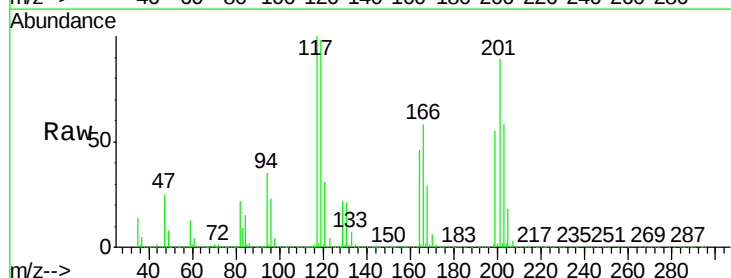
Manual Integrations
APPROVED

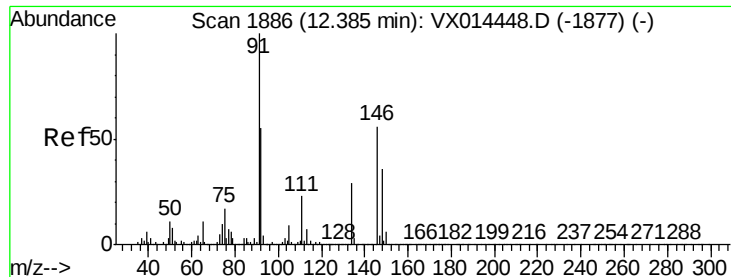
MMDadoda
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#90
Hexachloroethane
Concen: 50.123 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.8	134.3





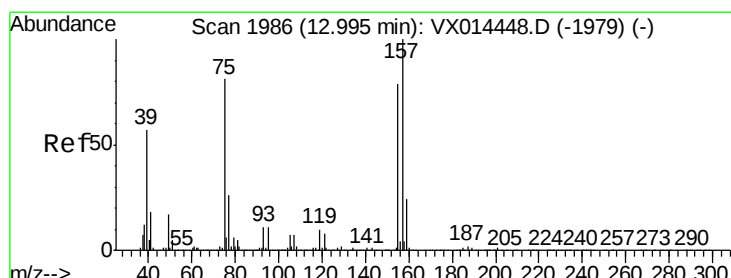
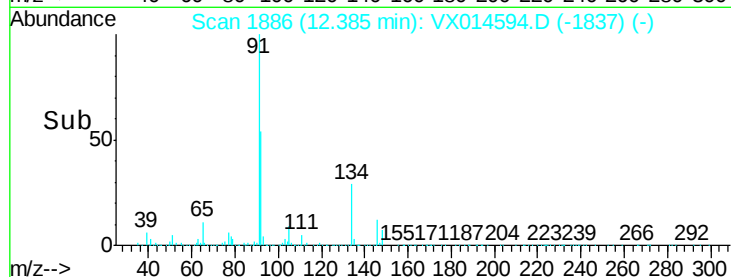
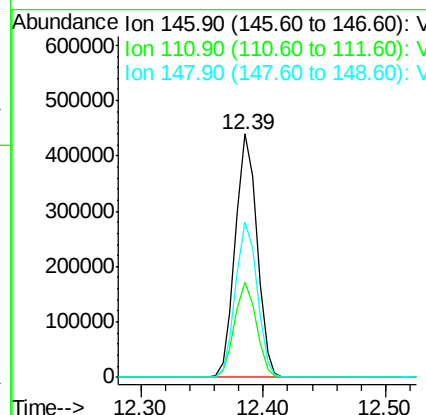
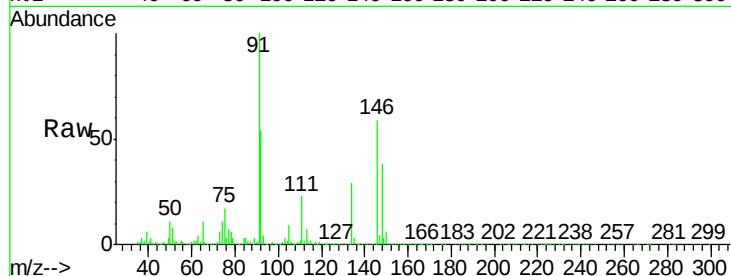
#91
 1,2-Dichlorobenzene
 Concen: 47.857 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	63.8	32.3	96.8

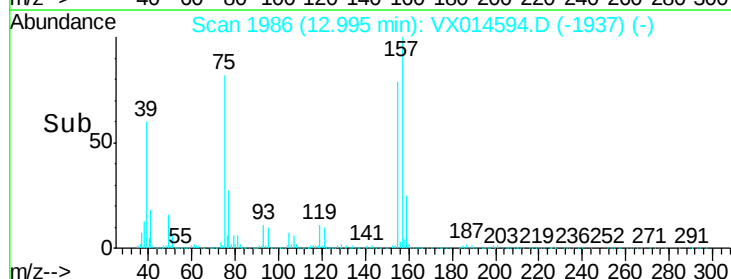
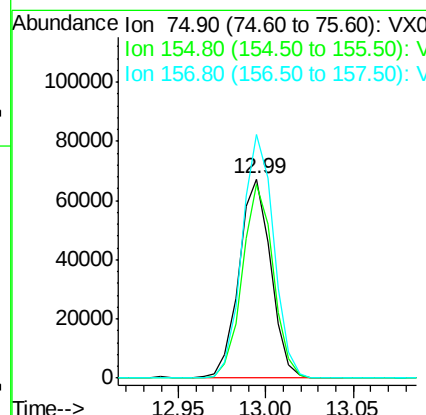
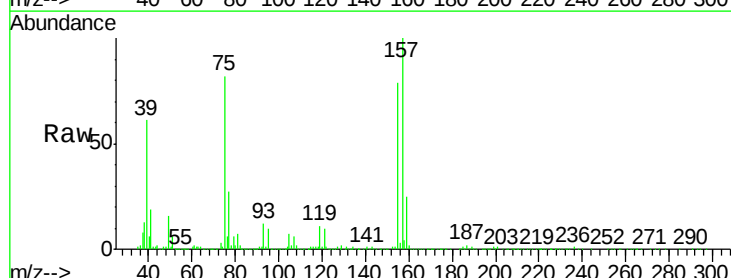
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.644 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	48.7	146.1
157	122.9	62.0	185.9





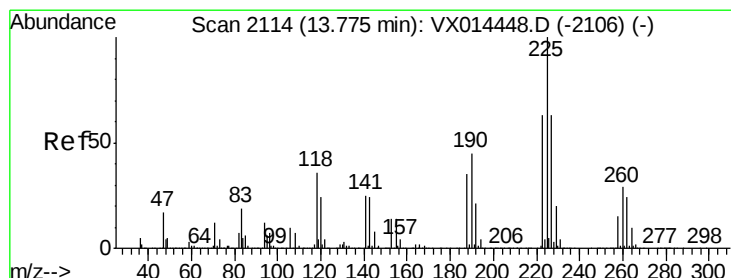
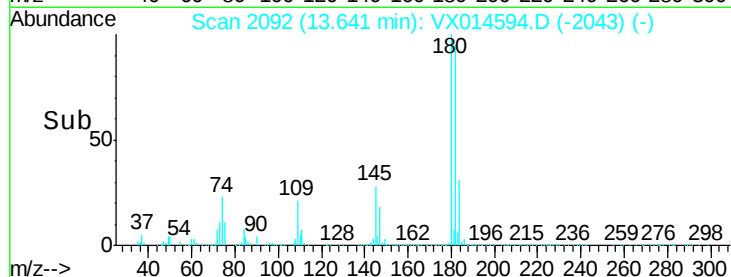
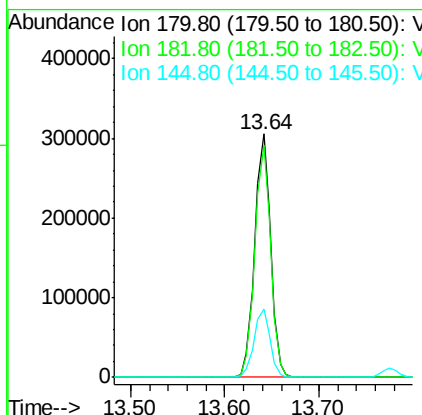
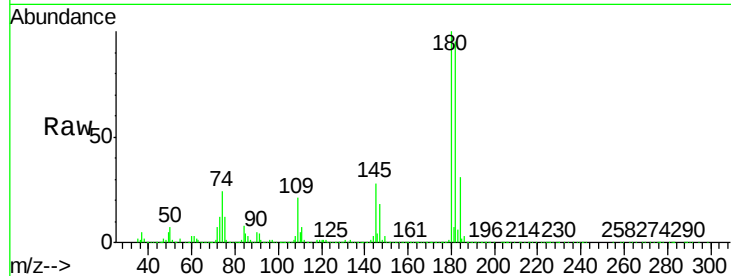
#93
 1,2,4-Trichlorobenzene
 Concen: 46.643 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.5
145	28.1	13.9	41.6

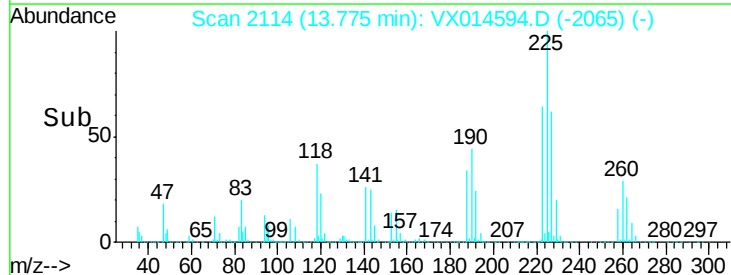
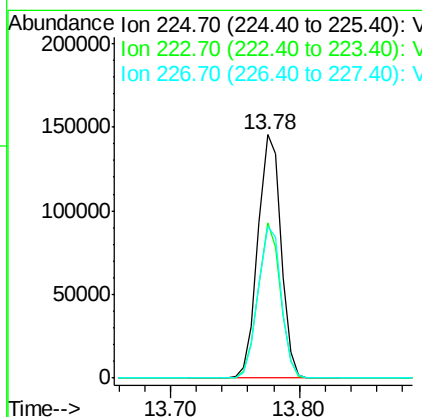
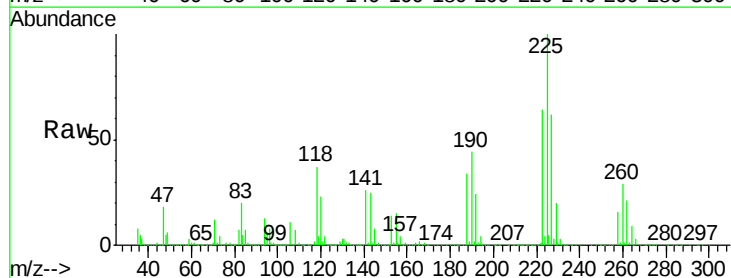
Manual Integrations
 APPROVED

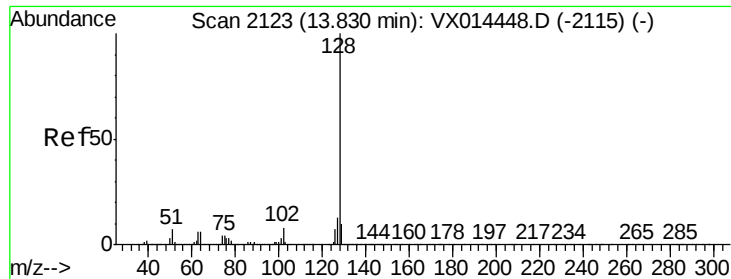
MMDadoda
 1/14/2020 3:11:23 PM



#94
 Hexachlorobutadiene
 Concen: 48.430 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.2
227	62.2	31.4	94.2





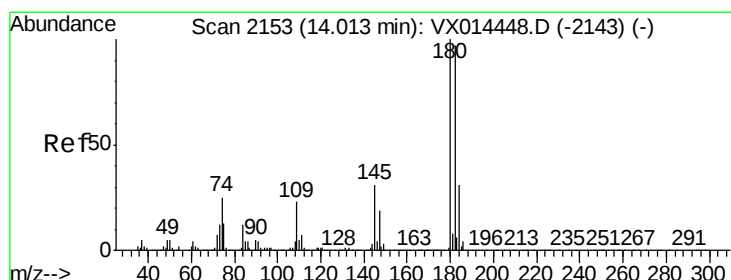
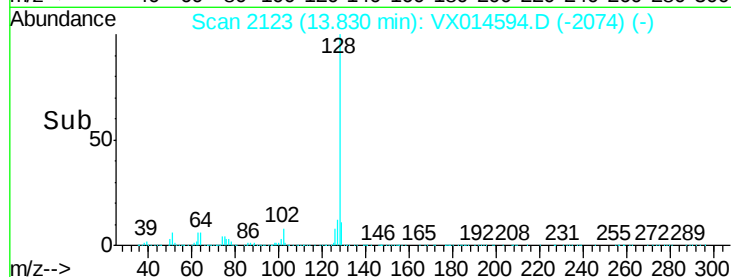
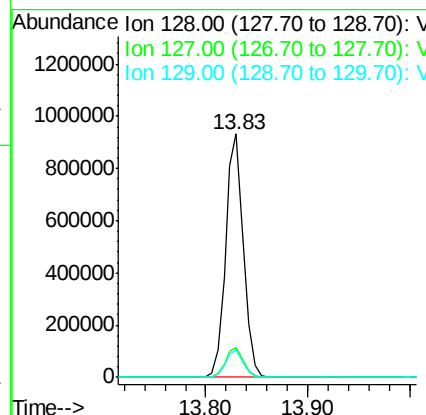
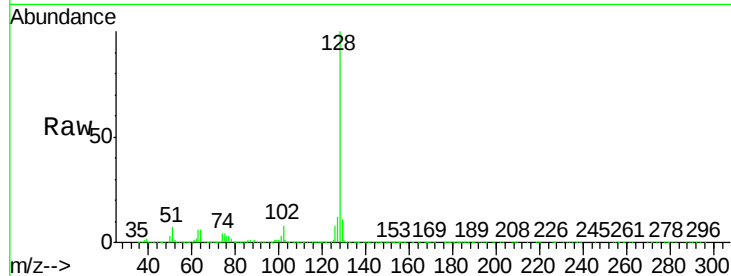
#95
Naphthalene
Concen: 45.798 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/14/2020 3:11:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.889 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.6
145	30.6	14.8	44.3

