

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015005.D
 Acq On : 26 Feb 2020 08:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:06 AM

Quant Time: Feb 26 12:55:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	654823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	245076	48.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	206637	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	8.71	98	777799	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	291779	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	197900	47.004	ug/l	98
3) Chloromethane	1.32	50	231319	48.461	ug/l	99
4) Vinyl Chloride	1.41	62	252223	49.051	ug/l	96
5) Bromomethane	1.63	94	143763	43.193	ug/l	99
6) Chloroethane	1.72	64	156073	47.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	326055	45.384	ug/l	99
8) Diethyl Ether	2.18	74	142868	47.955	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204451	49.026	ug/l	99
10) Methyl Iodide	2.50	142	227198	48.969	ug/l	99
11) Tert butyl alcohol	3.02	59	219913	248.237	ug/l	99
12) 1,1-Dichloroethene	2.37	96	195223	47.907	ug/l	99
13) Acrolein	2.28	56	148360	219.728	ug/l	99
14) Allyl chloride	2.72	41	355534	49.210	ug/l	98
15) Acrylonitrile	3.13	53	572187	254.778	ug/l	99
16) Acetone	2.43	43	715921	266.339	ug/l	98
17) Carbon Disulfide	2.56	76	490566	43.086	ug/l	100
18) Methyl Acetate	2.76	43	276180	54.653	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	670463	50.555	ug/l	100
20) Methylene Chloride	2.85	84	225039	46.625	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	209198	46.525	ug/l	97
22) Diisopropyl ether	3.84	45	725390	52.569	ug/l	89
23) Vinyl Acetate	3.80	43	3042306	267.452	ug/l	99
24) 1,1-Dichloroethane	3.69	63	391572	50.280	ug/l	98
25) 2-Butanone	4.65	43	910843	266.651	ug/l	98
26) 2,2-Dichloropropane	4.57	77	328059	48.880	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	245455	48.834	ug/l	99
28) Bromochloromethane	5.00	49	157135	52.055	ug/l	98
29) Tetrahydrofuran	5.11	42	504599	259.861	ug/l	99
30) Chloroform	5.20	83	387923	50.205	ug/l	100
31) Cyclohexane	5.57	56	341232	48.107	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	329202	48.706	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288127	49.189	ug/l	99
37) Ethyl Acetate	4.81	43	307212	50.285	ug/l	100
38) Carbon Tetrachloride	5.78	117	284608	49.858	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	360627	49.227	ug/l	100
40) Benzene	6.13	78	875293	50.013	ug/l	98
41) Methacrylonitrile	5.02	41	176284	53.562	ug/l	100
42) 1,2-Dichloroethane	6.18	62	307440	48.603	ug/l	99
43) Isopropyl Acetate	6.43	43	522349	51.830	ug/l	99
44) Trichloroethene	7.20	130	246029	48.425	ug/l	98
45) 1,2-Dichloropropane	7.50	63	228691	51.237	ug/l	100
46) Dibromomethane	7.65	93	148488	48.669	ug/l	99
47) Bromodichloromethane	7.89	83	308310	50.965	ug/l	98
48) Methyl methacrylate	7.76	41	259193	52.259	ug/l	99
49) 1,4-Dioxane	7.73	88	97259	1048.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1606133	263.930	ug/l	100
52) Toluene	8.78	92	557050	50.113	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	344101	51.902	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373530	51.000	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	228584	50.827	ug/l	99
56) Ethyl methacrylate	9.17	69	361408	53.464	ug/l	98
57) 1,3-Dichloropropane	9.37	76	383579	50.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	913554	258.413	ug/l	99
59) 2-Hexanone	9.48	43	1297478	271.255	ug/l	99
60) Dibromochloromethane	9.57	129	250073	51.670	ug/l	97
61) 1,2-Dibromoethane	9.67	107	235559	48.544	ug/l	99
64) Tetrachloroethene	9.33	164	251735	44.221	ug/l	99
65) Chlorobenzene	10.13	112	612887	49.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	233255	52.026	ug/l	99
67) Ethyl Benzene	10.25	91	1071469	51.016	ug/l	98
68) m/p-Xylenes	10.35	106	832387	102.879	ug/l	98
69) o-Xylene	10.70	106	393561	50.602	ug/l	99
70) Styrene	10.71	104	697458	53.008	ug/l	99
71) Bromoform	10.85	173	196099	52.401	ug/l #	98
73) Isopropylbenzene	11.01	105	1073178	52.367	ug/l	100
74) N-amyl acetate	10.89	43	463482	54.430	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	343281	51.243	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	288137m	48.759	ug/l	
77) Bromobenzene	11.25	156	284306	49.704	ug/l	98
78) n-propylbenzene	11.35	91	1245598	52.551	ug/l	100
79) 2-Chlorotoluene	11.42	91	715112	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	904212	52.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	119940	51.952	ug/l	100
82) 4-Chlorotoluene	11.51	91	840895	50.958	ug/l	99
83) tert-Butylbenzene	11.76	119	858881	52.967	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	910351	52.754	ug/l	100
85) sec-Butylbenzene	11.94	105	1075526	53.392	ug/l	99
86) p-Isopropyltoluene	12.06	119	1003826	53.252	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	516634	50.347	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	517081	49.345	ug/l	99
89) n-Butylbenzene	12.39	91	900396	53.333	ug/l	100
90) Hexachloroethane	12.59	117	177358	53.877	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	505247	50.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71939	45.773	ug/l	98

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ClientSampleId :
VSTDCCC050

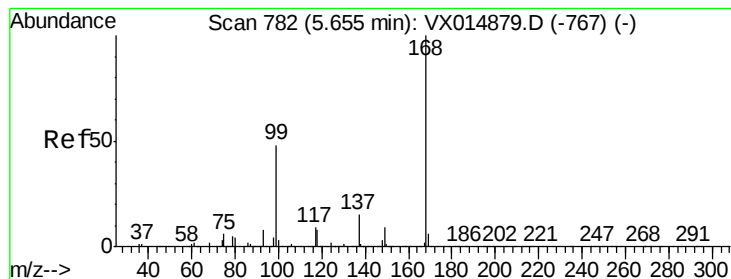
Manual Integrations
APPROVED

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2/27/2020 10:48:06 AM

Quant Time: Feb 26 12:55:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	375307	50.528	ug/l	98
94) Hexachlorobutadiene	13.78	225	187816	52.279	ug/l	98
95) Naphthalene	13.83	128	1055269	53.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364124	50.741	ug/l	98

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



#1

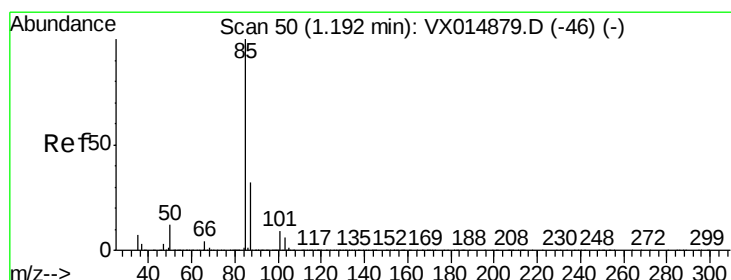
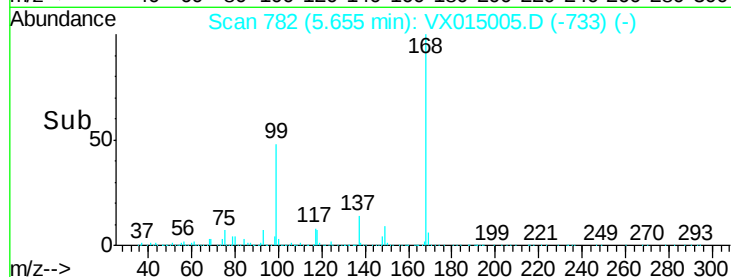
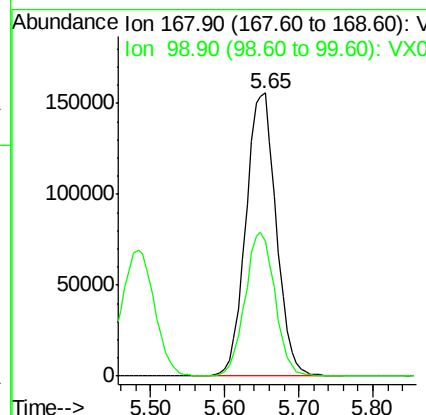
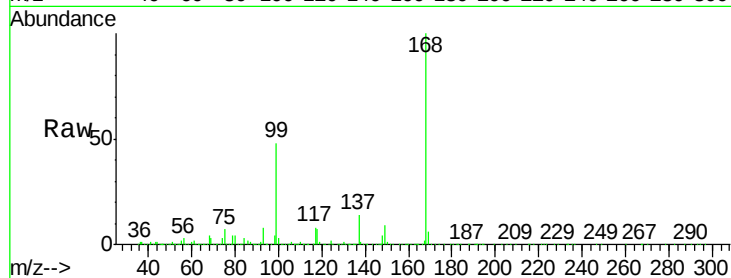
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.6	38.7	58.1

Manual Integrations
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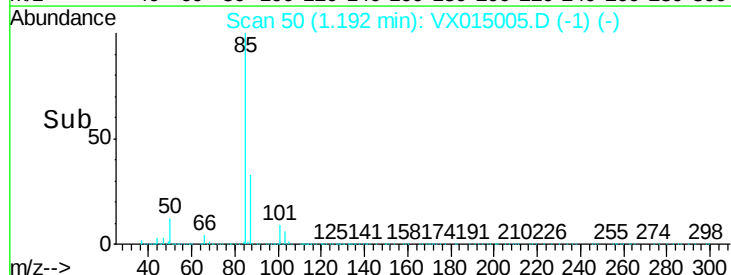
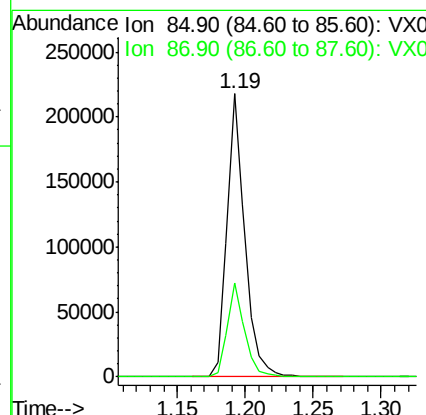
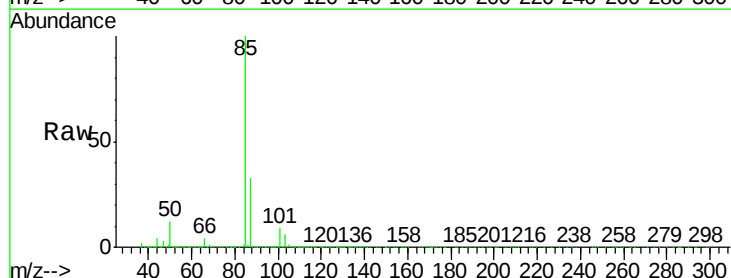
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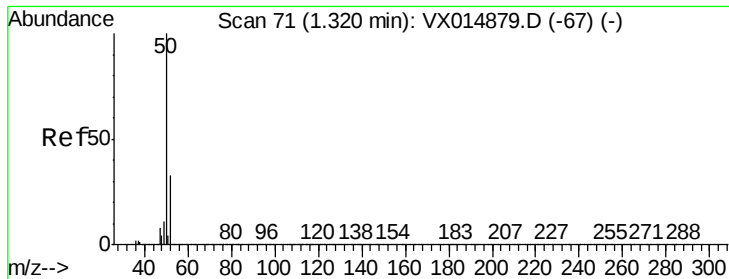


#2

Dichlorodifluoromethane
Concen: 47.004 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.2





#3

Chloromethane

Concen: 48.461 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 231319

Ion Ratio Lower Upper

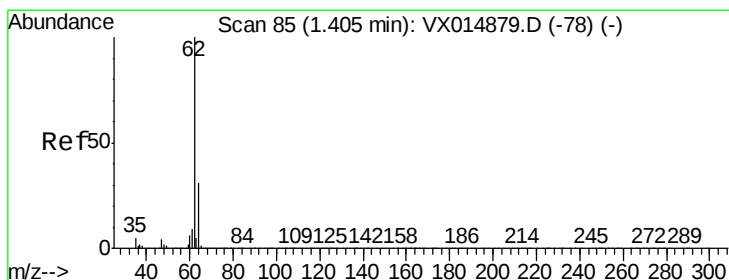
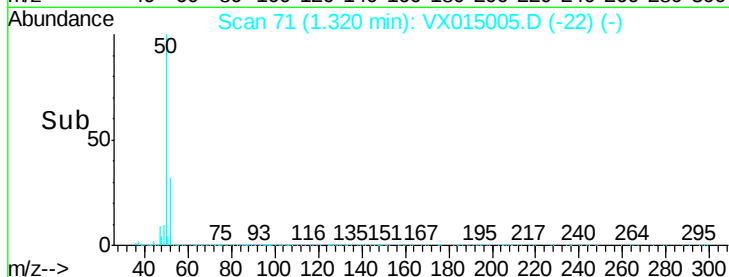
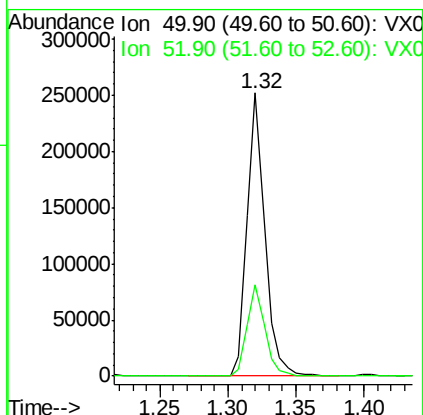
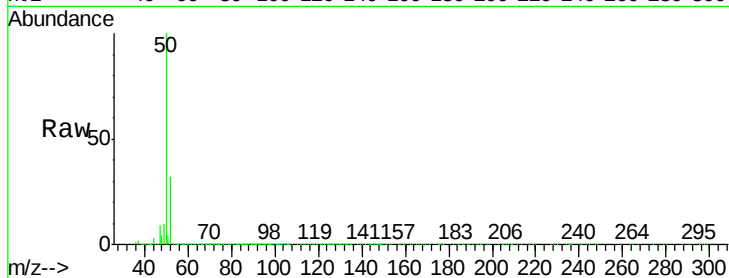
50 100

52 32.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.051 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015005.D

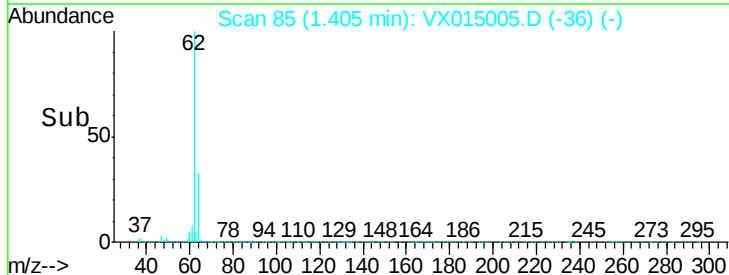
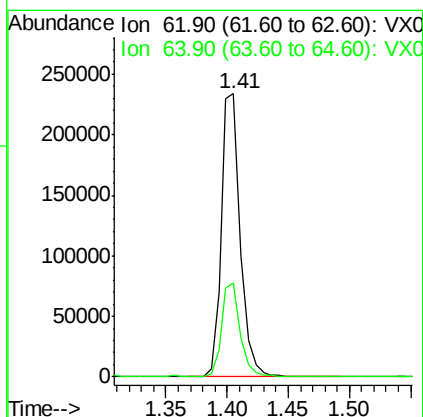
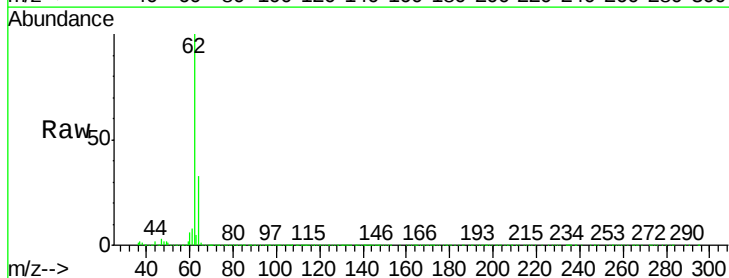
Acq: 26 Feb 2020 08:47

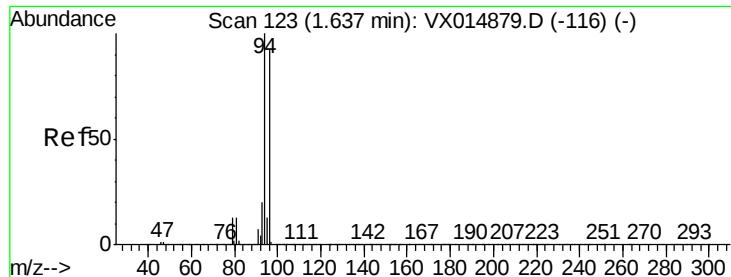
Tgt Ion: 62 Resp: 252223

Ion Ratio Lower Upper

62 100

64 33.2 24.8 37.2





#5

Bromomethane

Concen: 43.193 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 143763

Ion Ratio Lower Upper

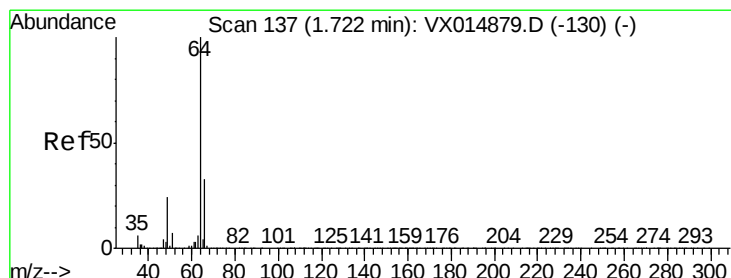
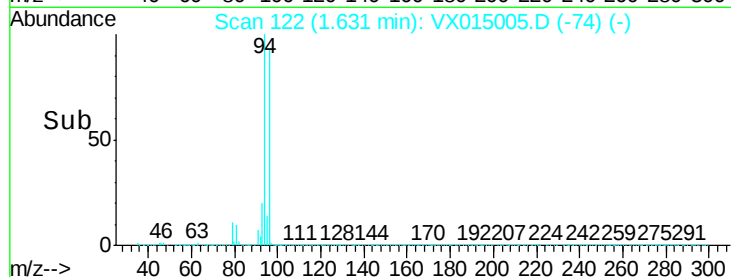
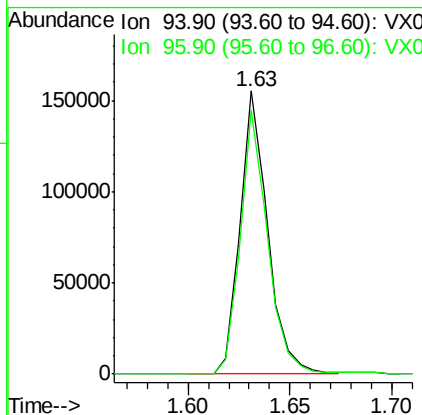
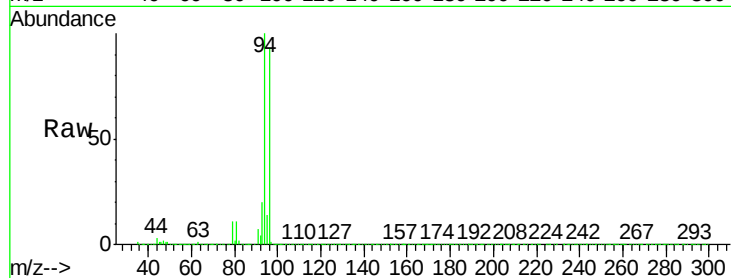
94 100

96 93.3 73.7 110.5

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#6

Chloroethane

Concen: 47.436 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015005.D

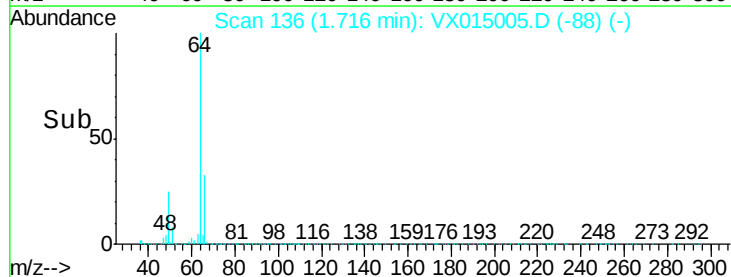
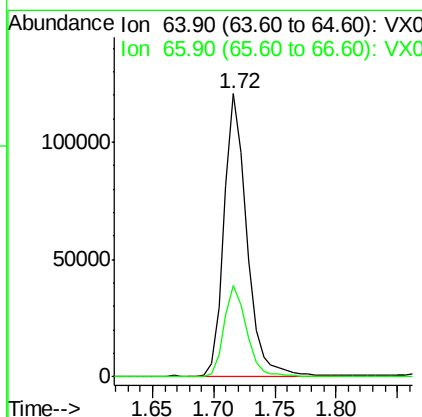
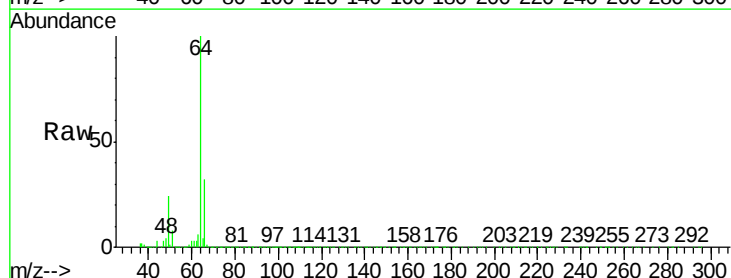
Acq: 26 Feb 2020 08:47

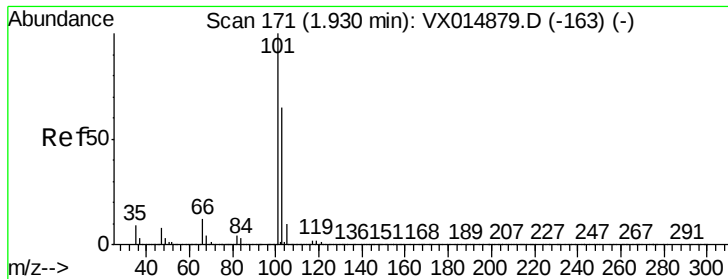
Tgt Ion: 64 Resp: 156073

Ion Ratio Lower Upper

64 100

66 32.3 26.2 39.4





#7

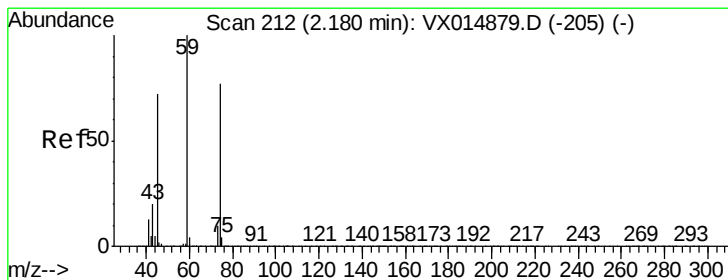
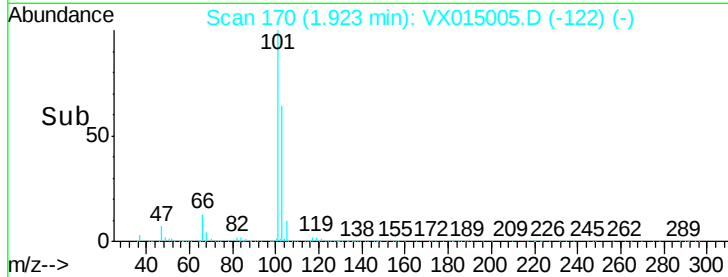
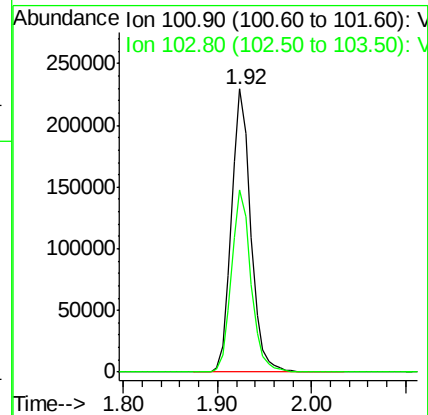
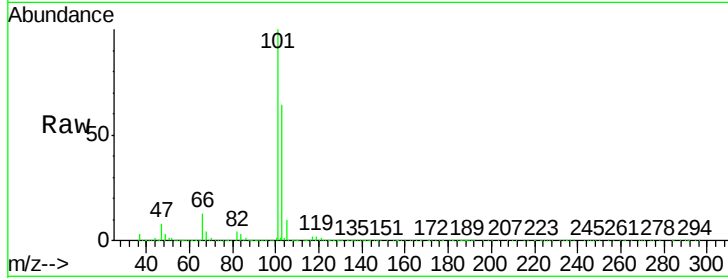
Trichlorofluoromethane
Concen: 45.384 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

Manual Integrations
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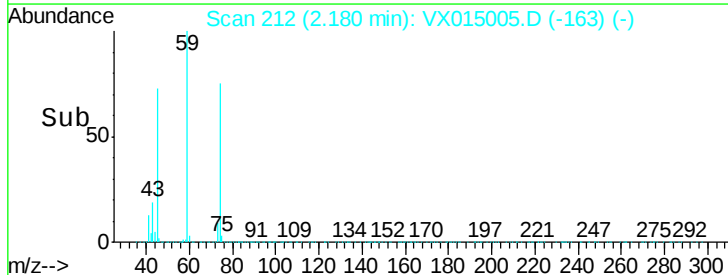
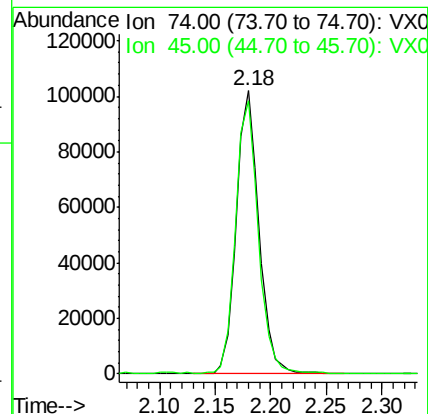
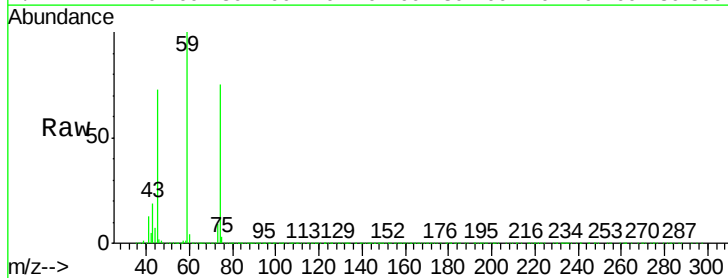
MMDadoda
2/27/2020 10:48:06 AM

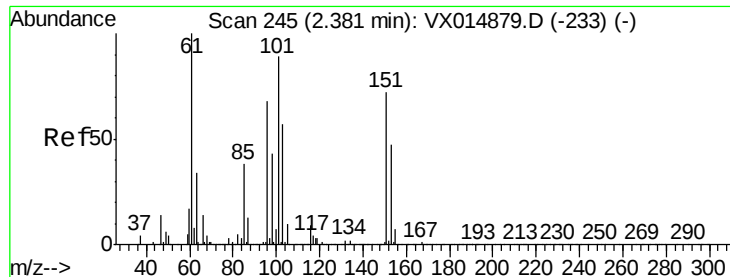


#8

Diethyl Ether
Concen: 47.955 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.026 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

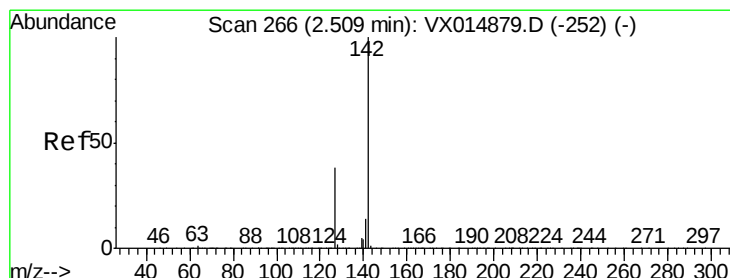
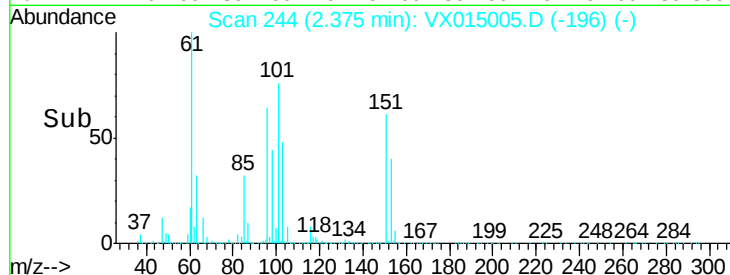
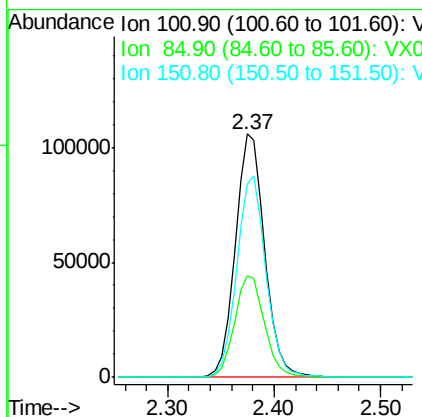
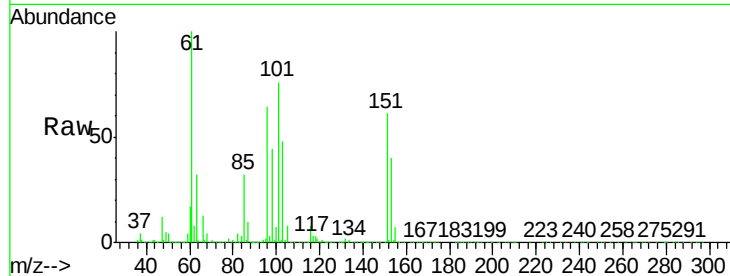
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	204451
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.1	51.1
151	83.0	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.969 ug/l

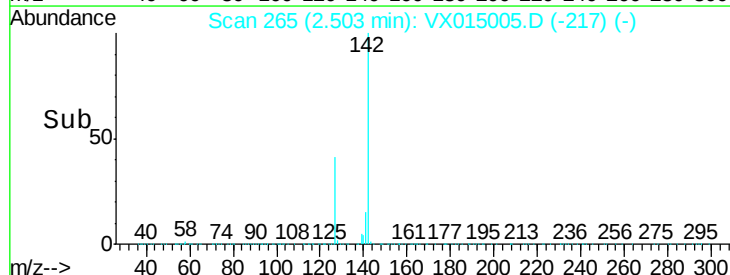
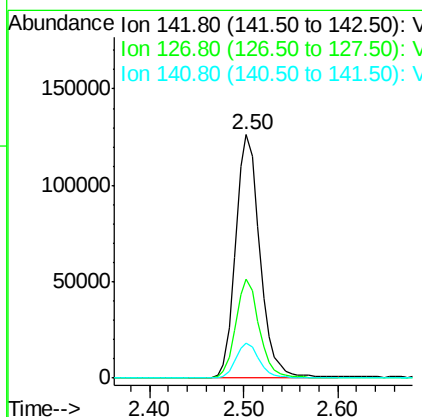
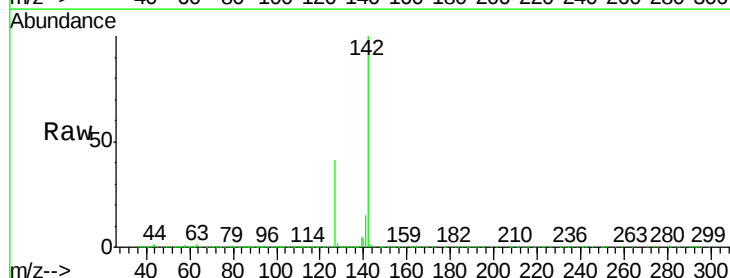
RT: 2.50 min Scan# 265

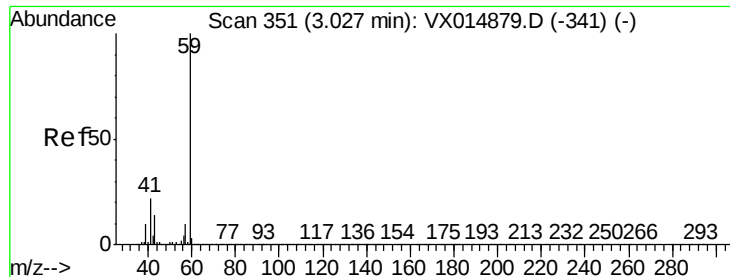
Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	142	Resp:	227198
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.1	11.3	16.9





#11

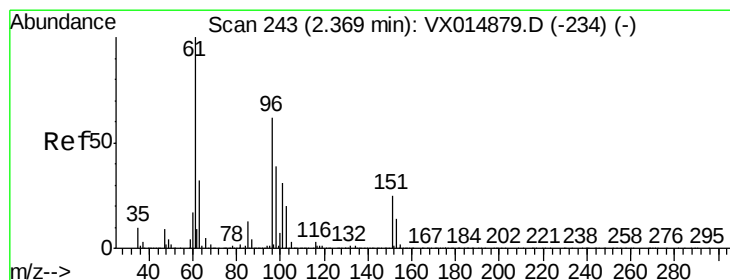
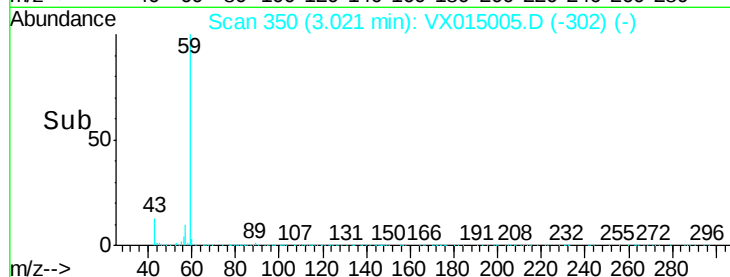
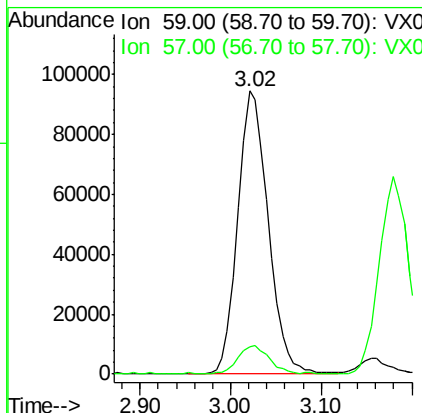
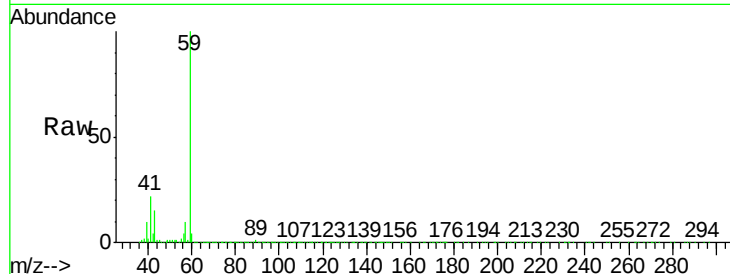
Tert butyl alcohol
Concen: 248.237 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

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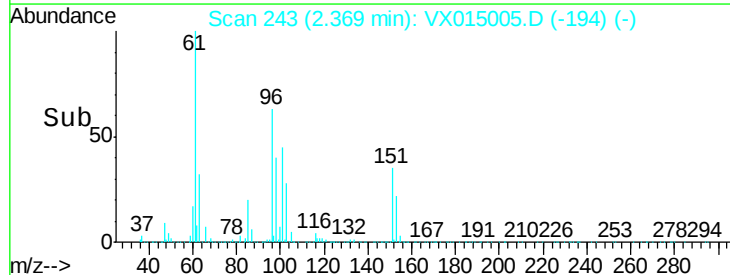
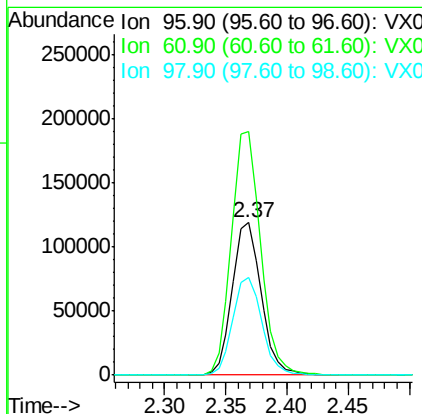
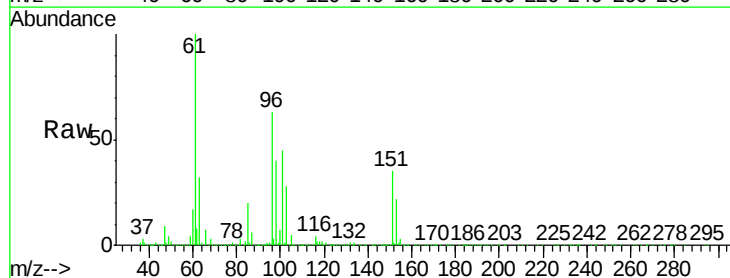
MMDadoda
2/27/2020 10:48:06 AM

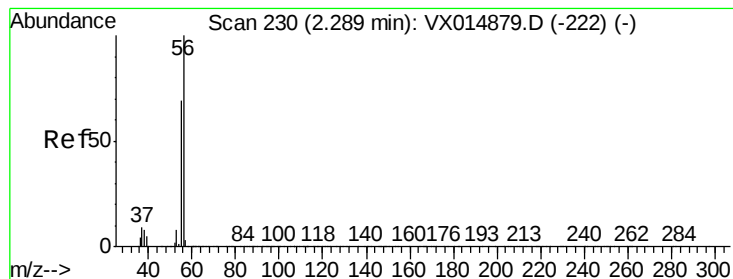


#12

1,1-Dichloroethene
Concen: 47.907 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	129.5	194.3
98	63.7	50.6	76.0





#13

Acrolein

Concen: 219.728 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 148360

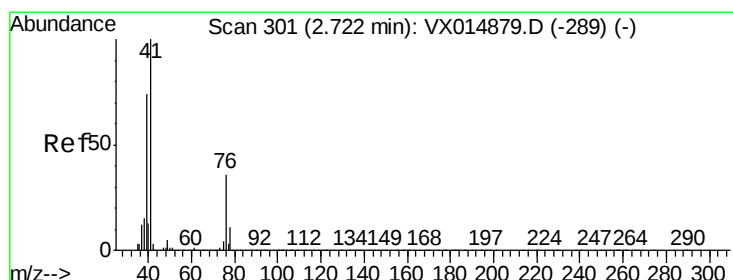
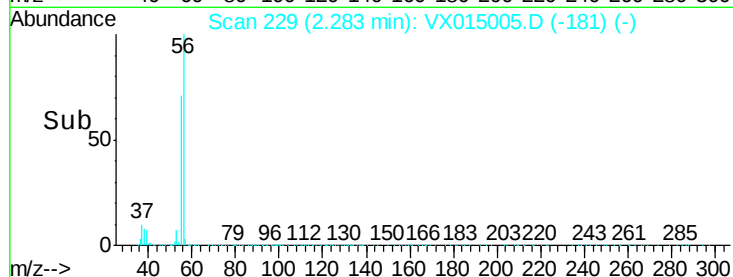
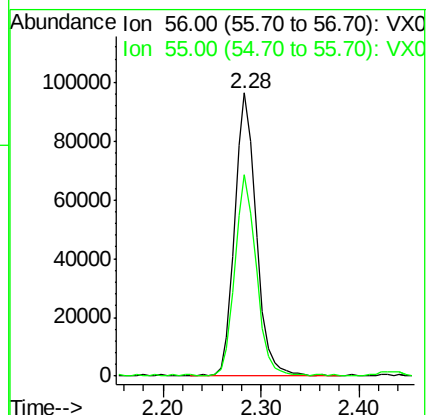
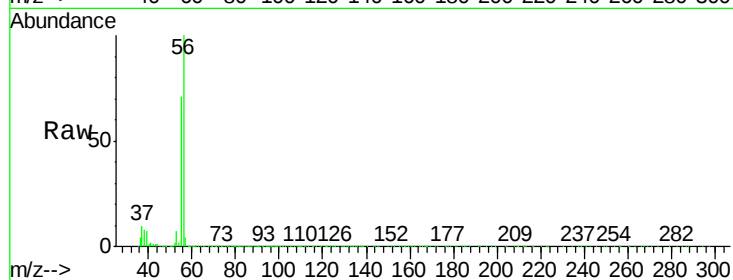
Ion Ratio Lower Upper

56 100

55 69.9 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 49.210 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

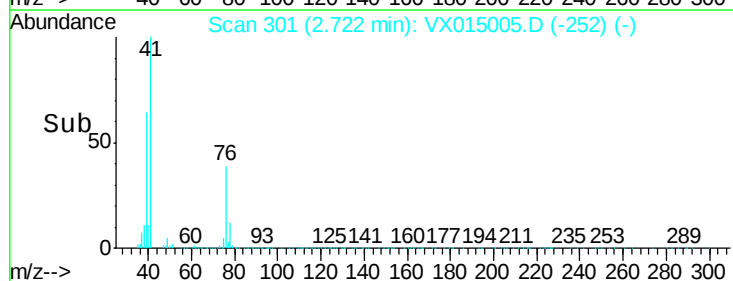
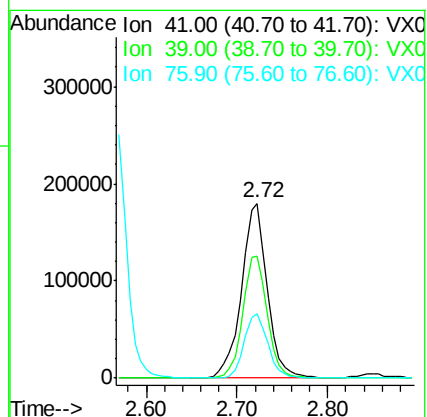
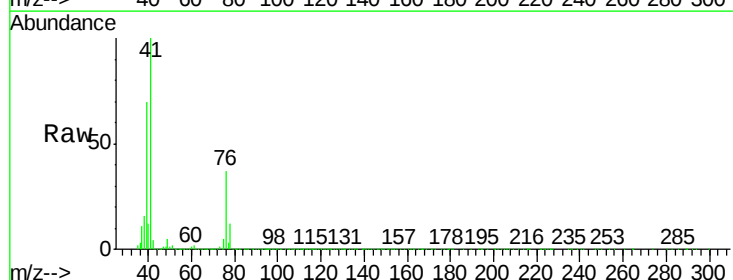
Tgt Ion: 41 Resp: 355534

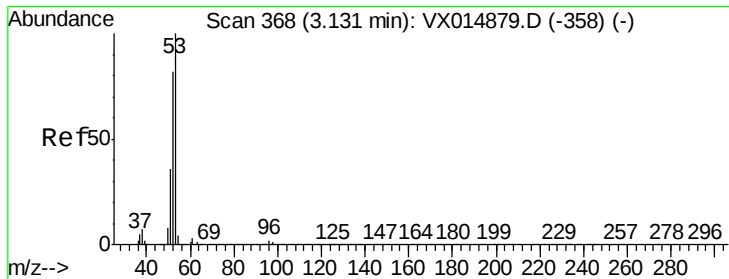
Ion Ratio Lower Upper

41 100

39 66.2 55.2 82.8

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 254.778 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

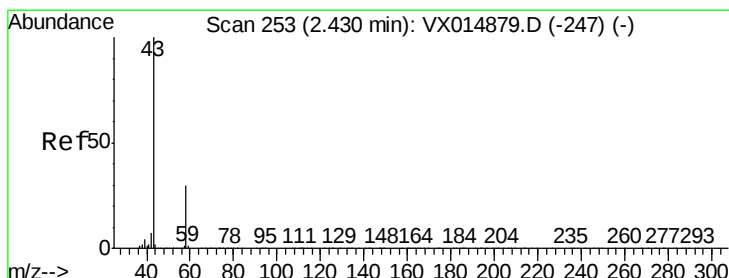
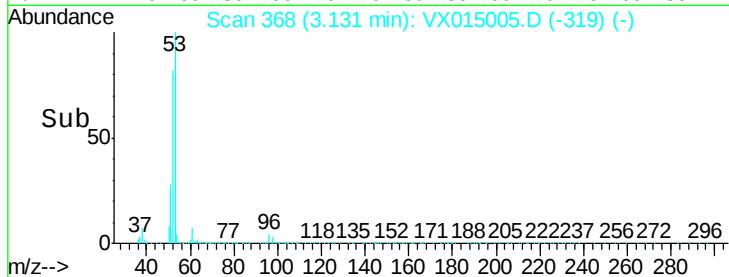
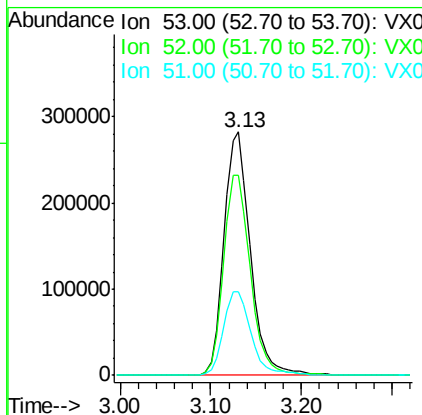
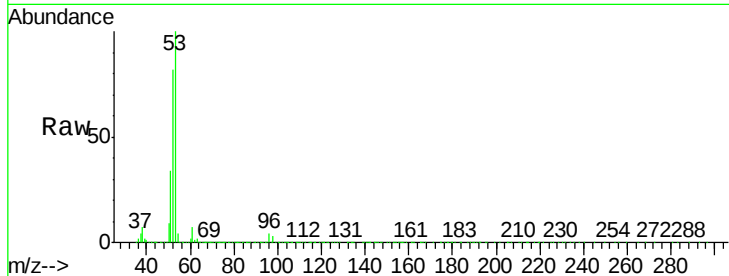
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	572187
Ion Ratio		Lower	Upper
53	100		
52	83.5	65.8	98.6
51	36.0	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 266.339 ug/l

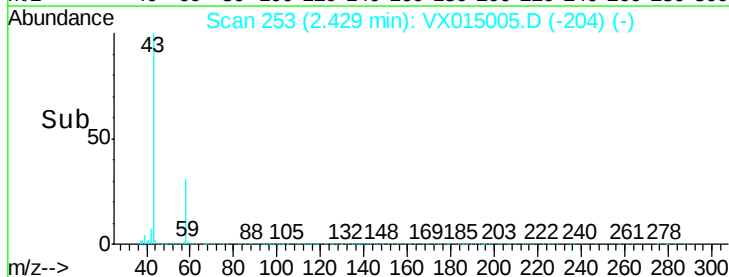
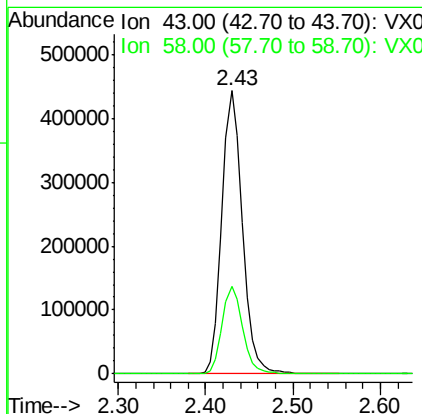
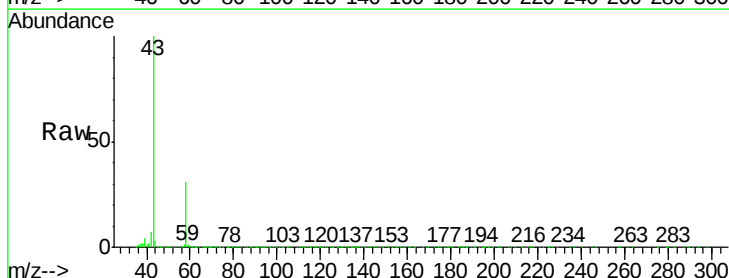
RT: 2.43 min Scan# 253

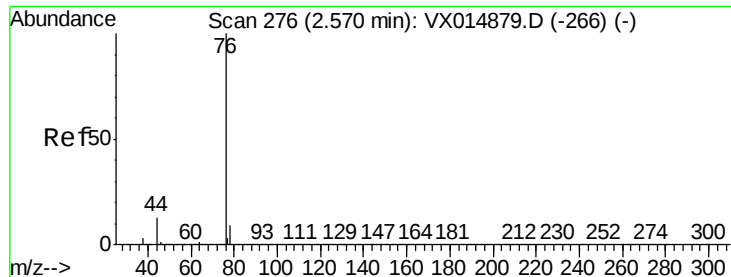
Delta R.T. 0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	43	Resp:	715921
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.1	36.1





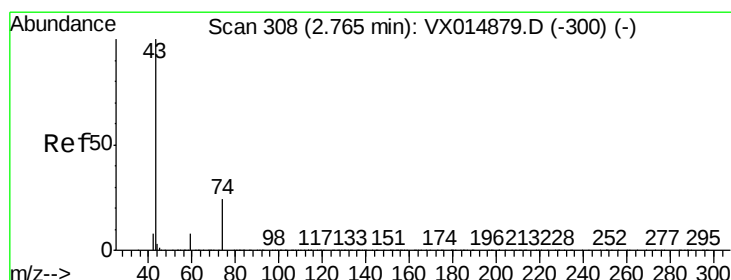
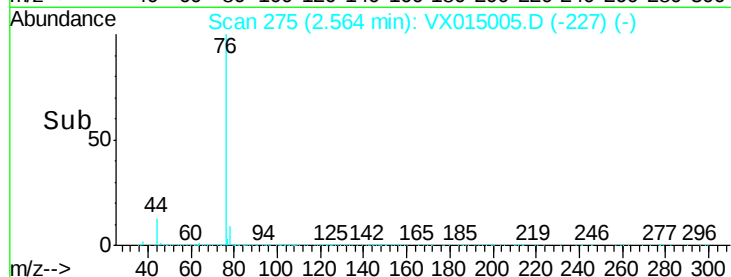
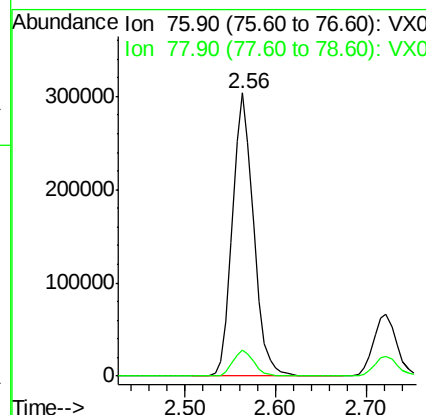
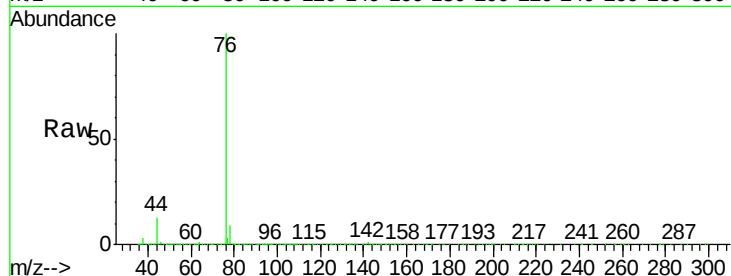
#17
Carbon Disulfide
Concen: 43.086 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

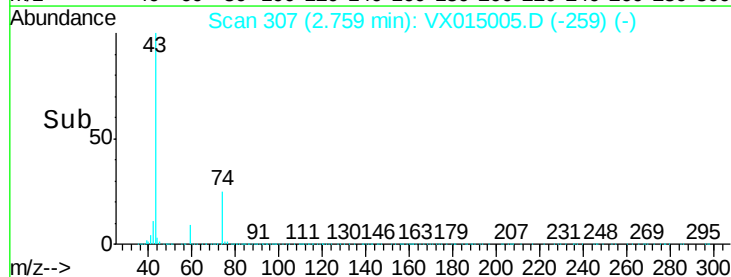
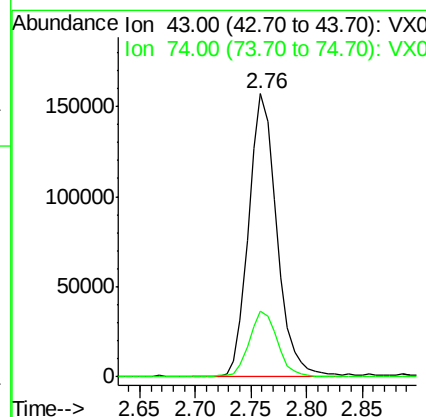
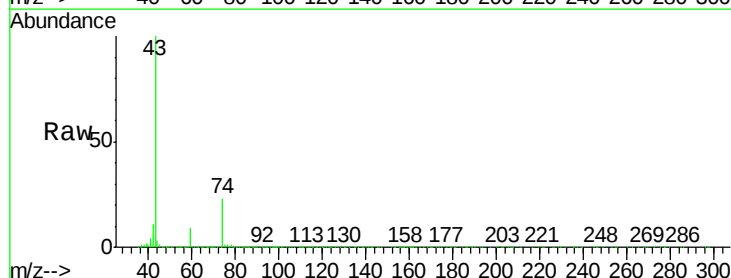
Manual Integrations
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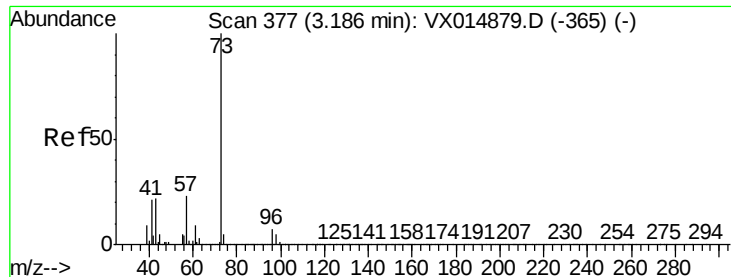
MMDadoda
2/27/2020 10:48:06 AM



#18
Methyl Acetate
Concen: 54.653 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.0





#19

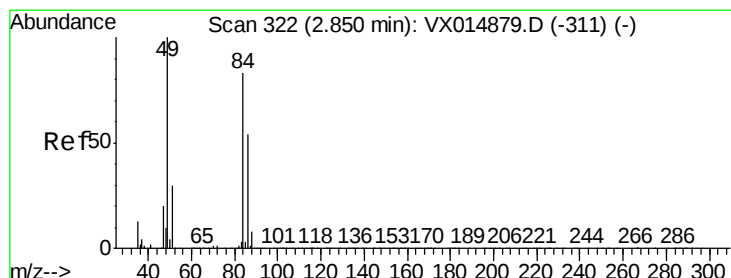
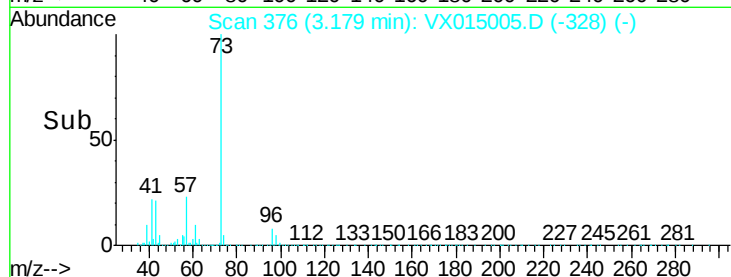
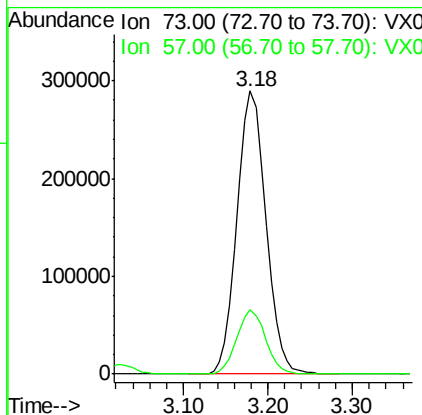
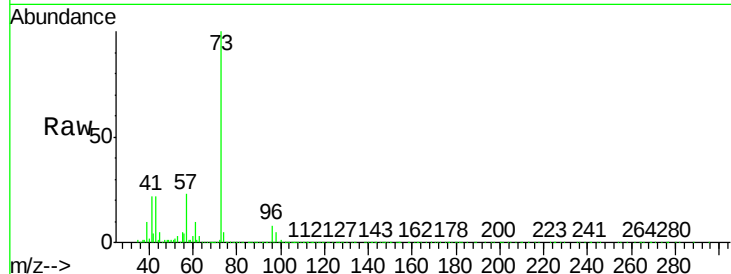
Methvl tert-butvl Ether
 Concen: 50.555 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

Manual Integrations
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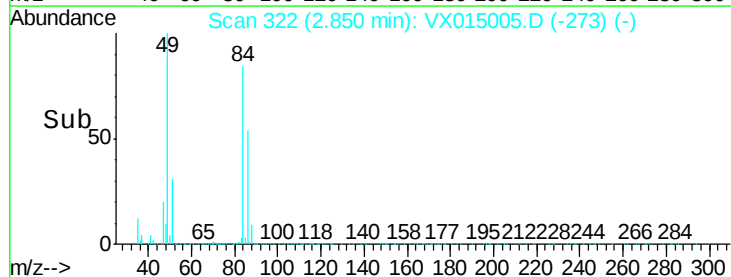
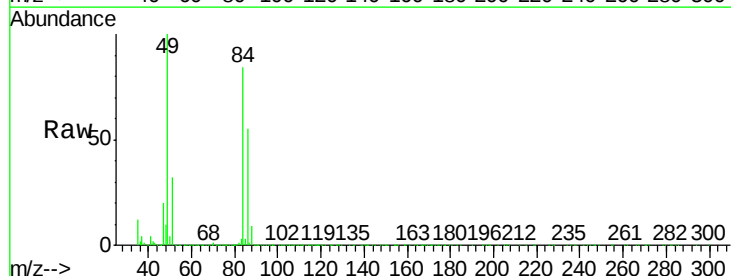
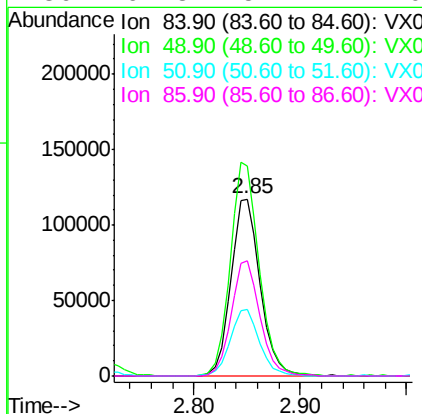
MMDadoda
 2/27/2020 10:48:06 AM

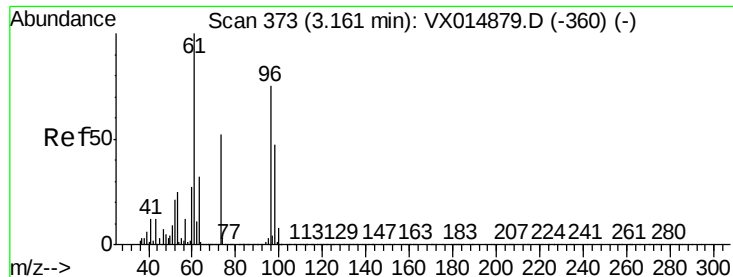


#20

Methylene Chloride
 Concen: 46.625 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	95.6	143.4
51	37.4	29.0	43.6
86	64.8	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 46.525 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

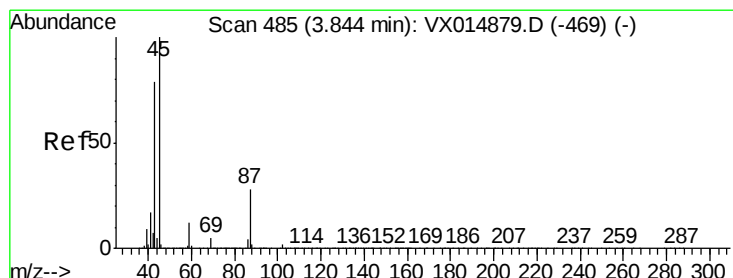
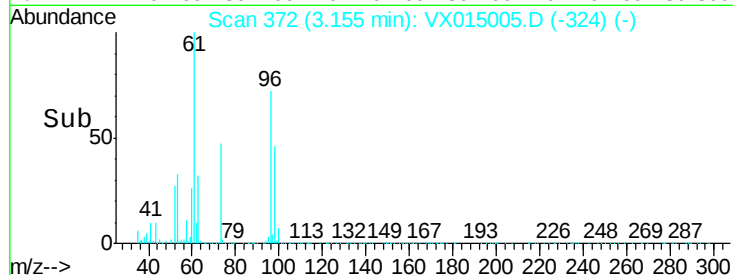
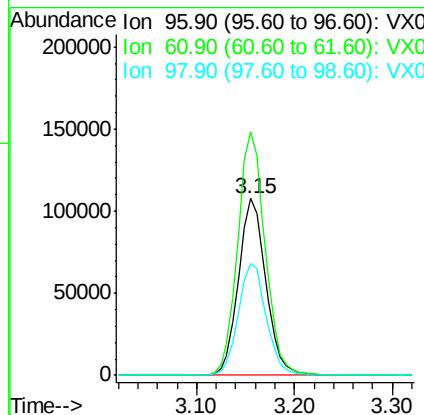
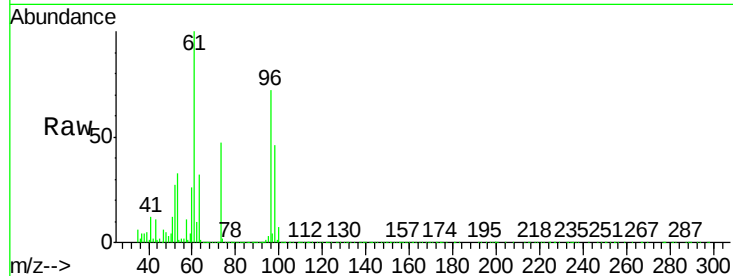
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	209198
Ion Ratio	Lower	Upper	
96	100		
61	138.0	106.9	160.3
98	63.0	50.7	76.1

Manual Integrations
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2/27/2020 10:48:06 AM



#22

Diisopropyl ether

Concen: 52.569 ug/l

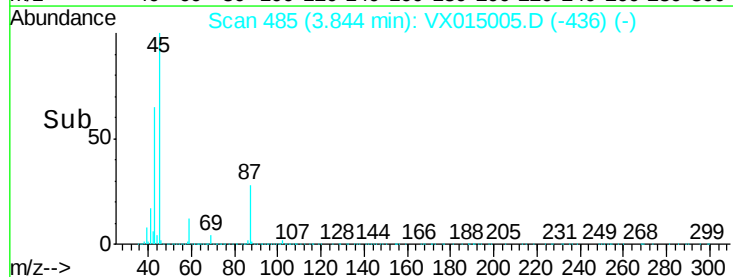
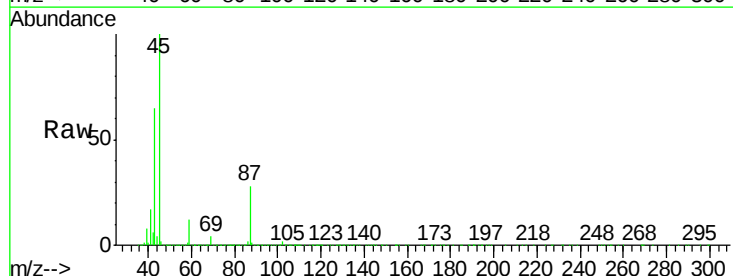
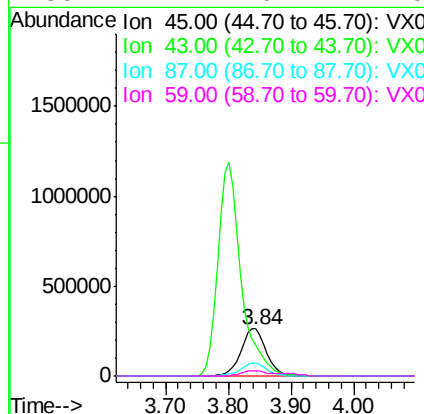
RT: 3.84 min Scan# 485

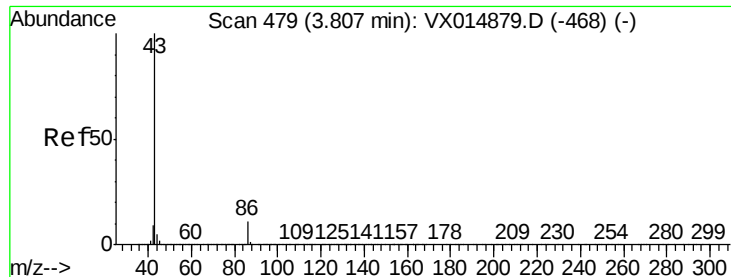
Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	45	Resp:	725390
Ion Ratio	Lower	Upper	
45	100		
43	64.7	63.5	95.3
87	27.9	22.2	33.4
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 267.452 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3042306

Ion Ratio Lower Upper

43 100

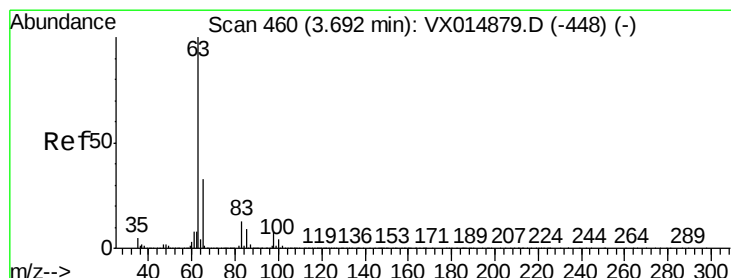
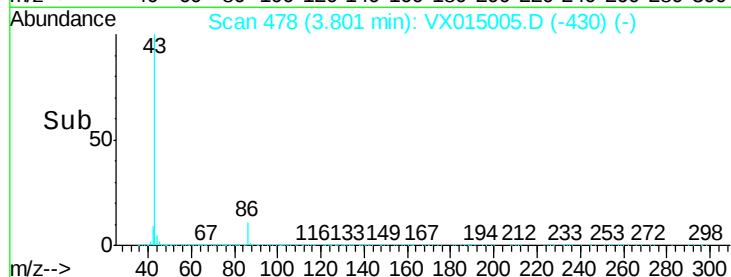
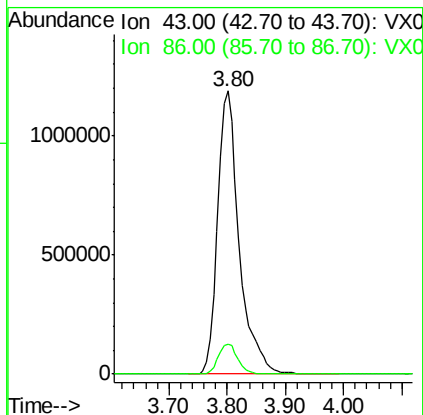
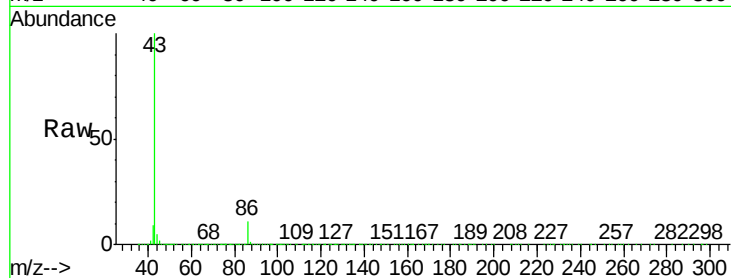
86 10.8 8.9 13.3

Manual Integrations

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MMDadoda

2/27/2020 10:48:06 AM



#24

1,1-Dichloroethane

Concen: 50.280 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

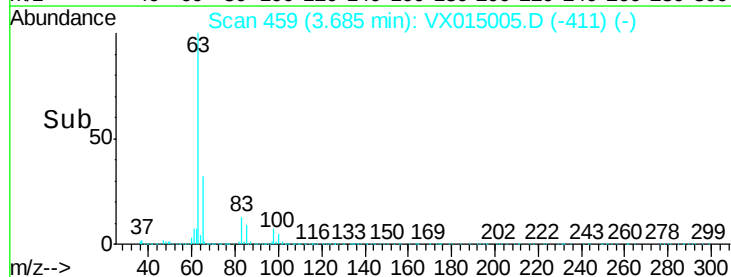
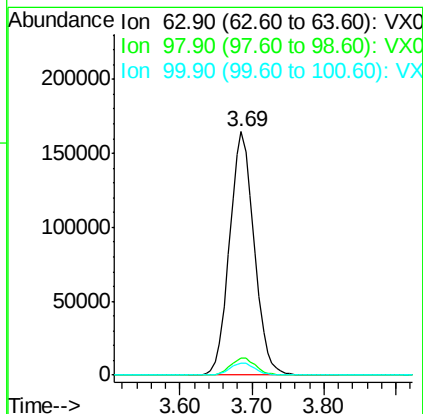
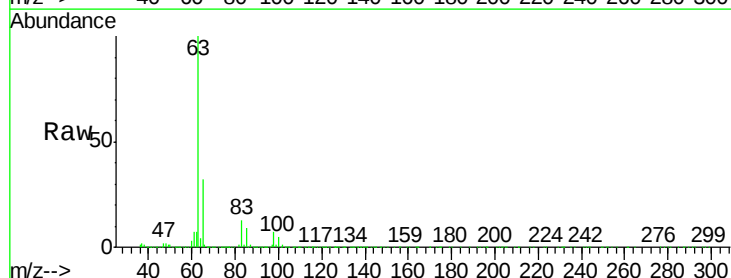
Tgt Ion: 63 Resp: 391572

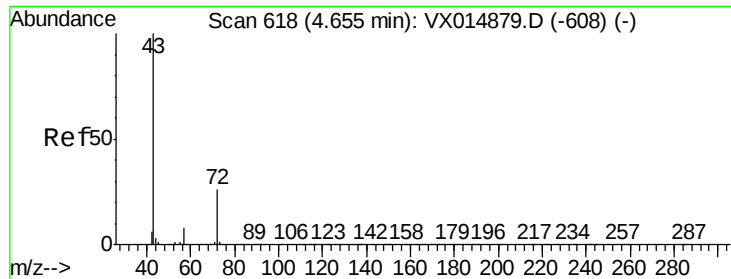
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 266.651 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 910843

Ion Ratio Lower Upper

43 100

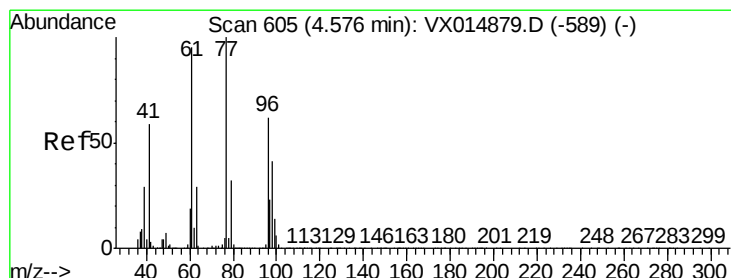
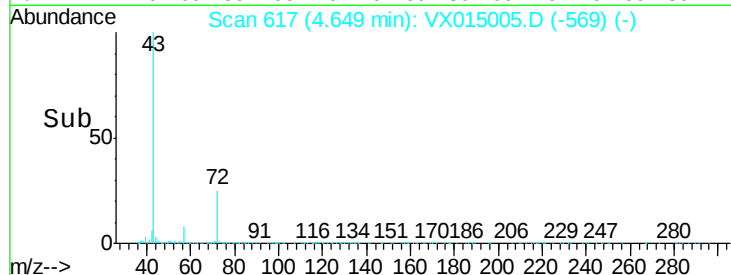
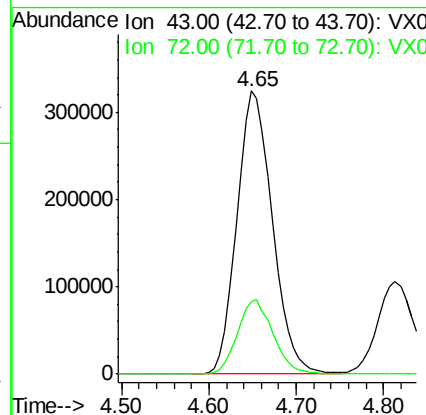
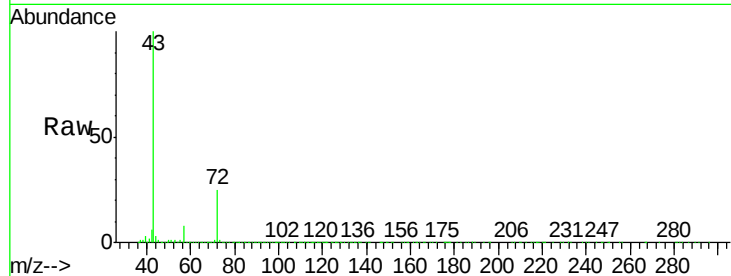
72 25.3 21.0 31.6

Manual Integrations

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MMDadoda

2/27/2020 10:48:06 AM



#26

2,2-Dichloropropane

Concen: 48.880 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015005.D

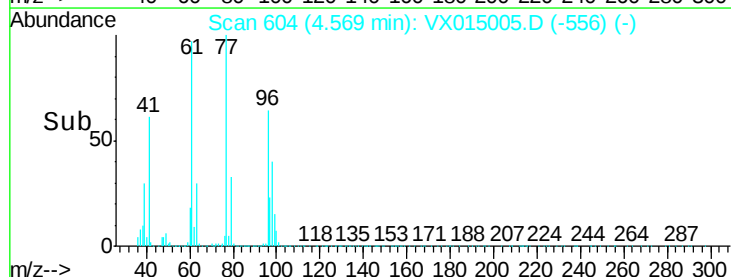
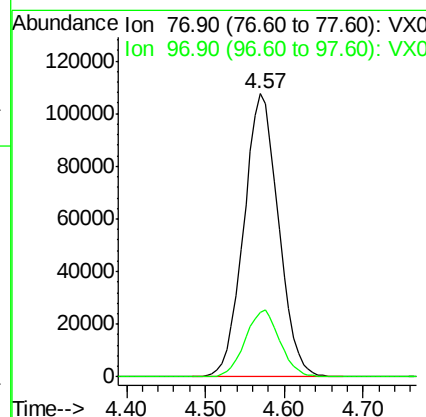
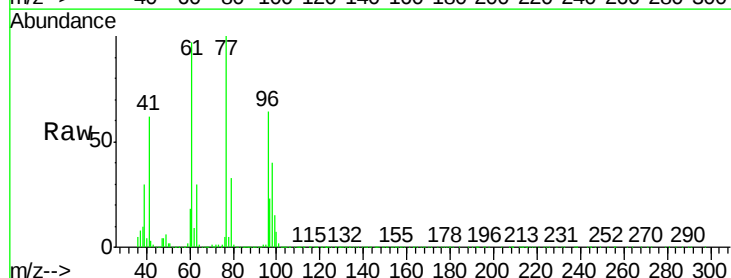
Acq: 26 Feb 2020 08:47

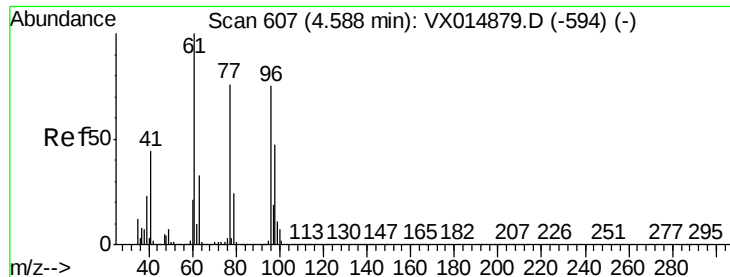
Tgt Ion: 77 Resp: 328059

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

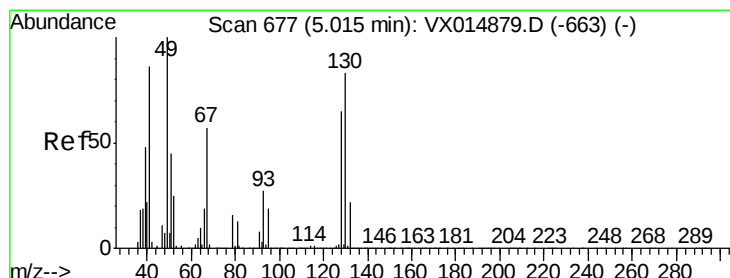
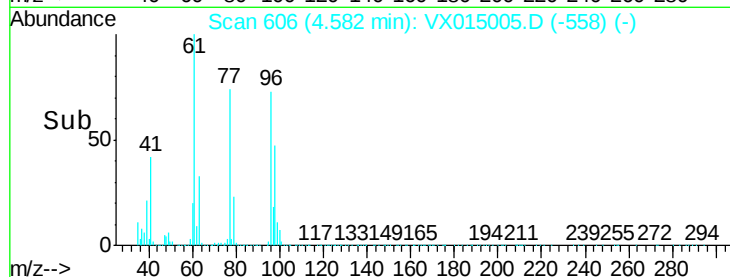
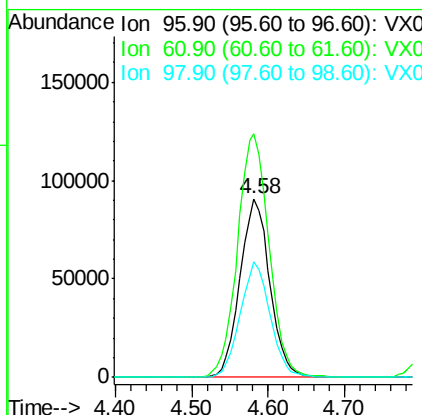
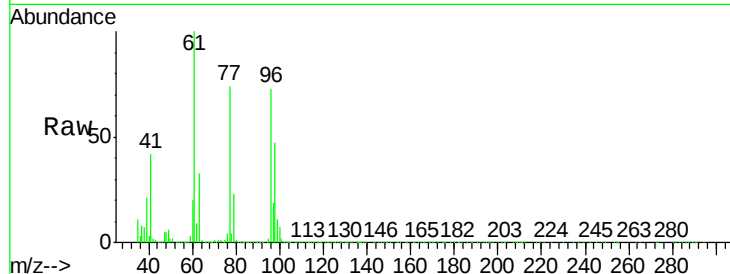
cis-1,2-Dichloroethene
Concen: 48.834 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245455		
61	143.8	0.0	286.2	
98	65.1	0.0	131.0	

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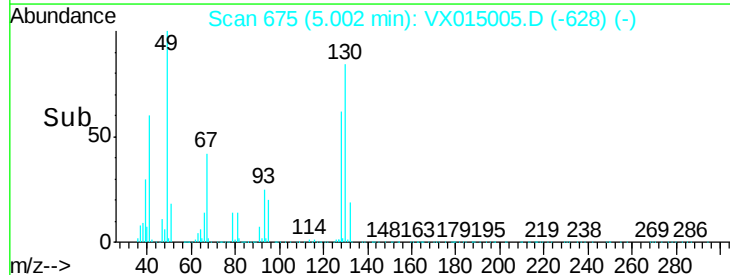
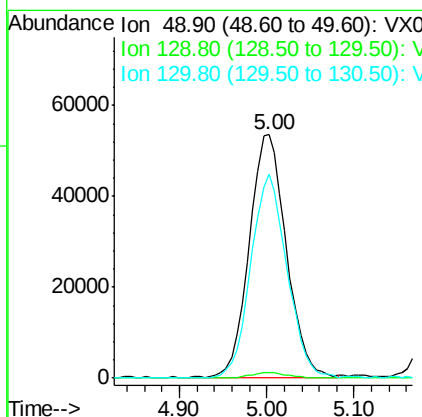
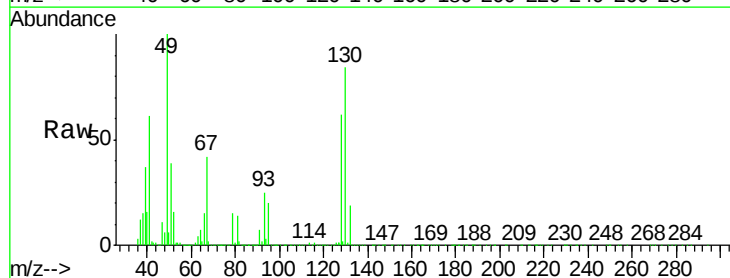
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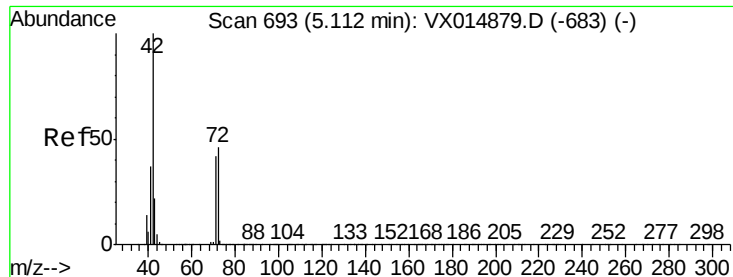


#28

Bromochloromethane
Concen: 52.055 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157135		
129	2.6	0.0	5.2	
130	82.2	67.4	101.2	





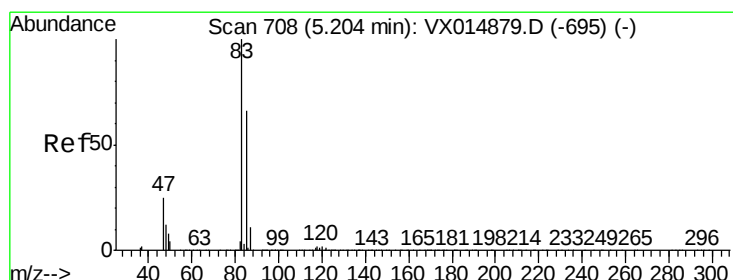
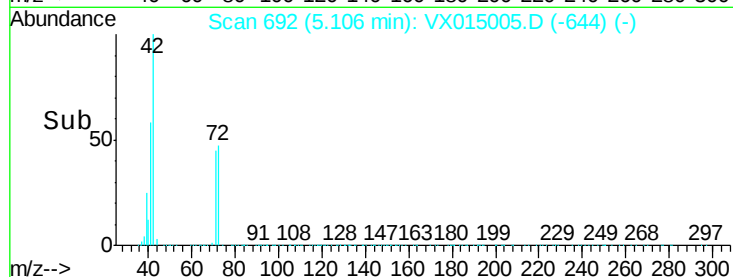
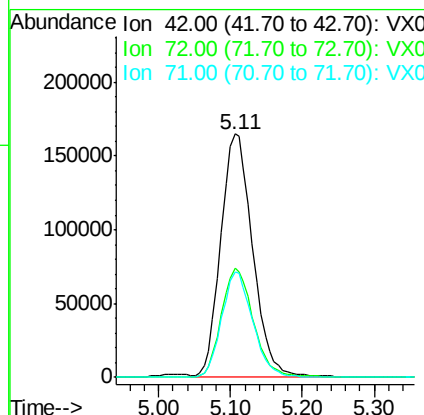
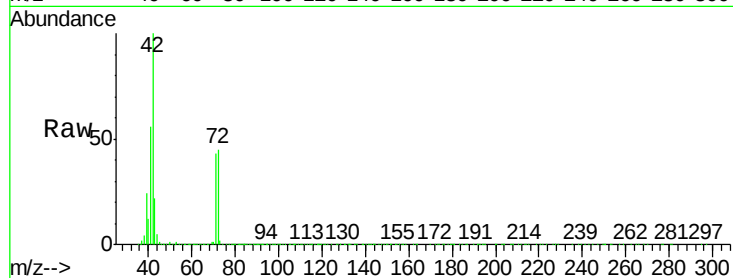
#29
Tetrahydrofuran
Concen: 259.861 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.9	55.3
71	42.1	34.1	51.1

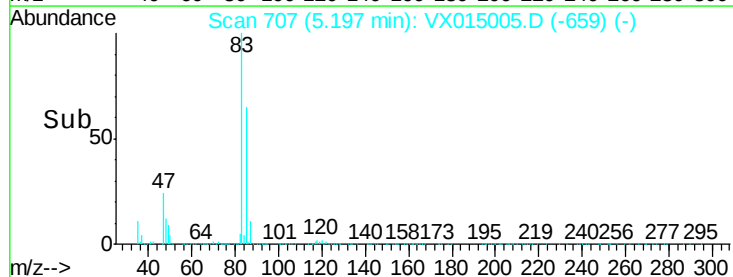
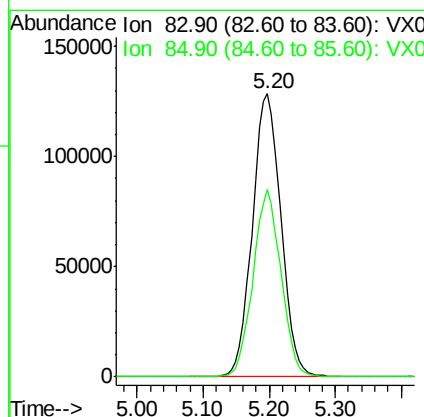
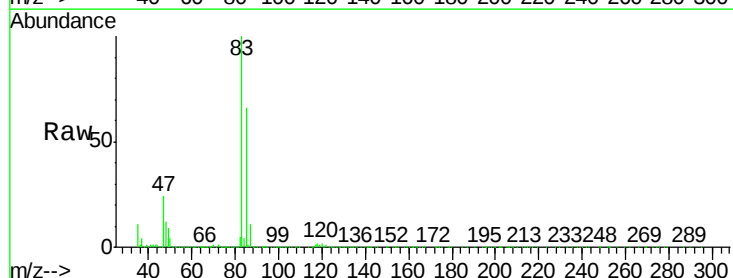
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APPROVED

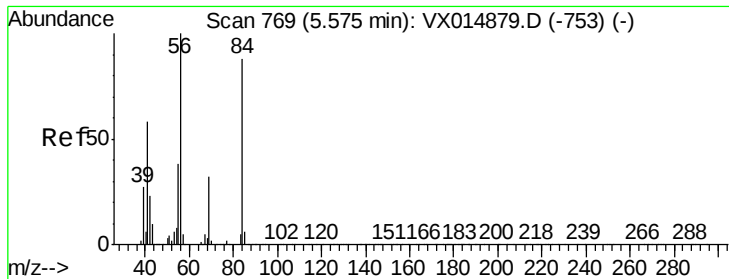
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#30
Chloroform
Concen: 50.205 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.9	79.3





#31

Cyclohexane

Concen: 48.107 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

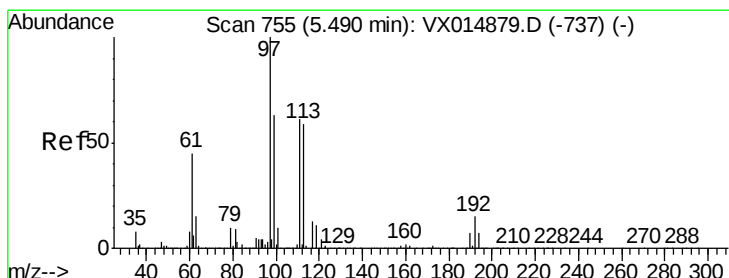
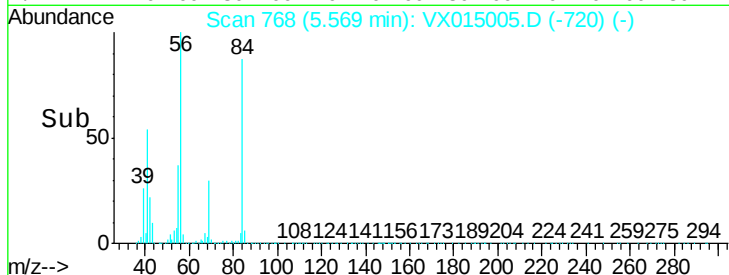
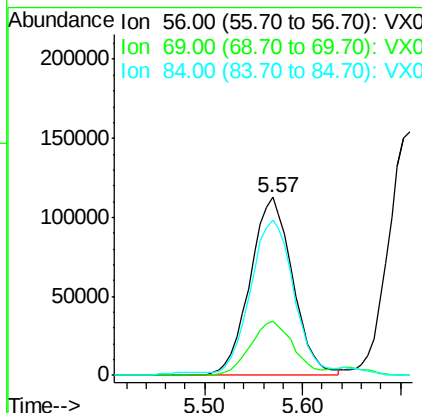
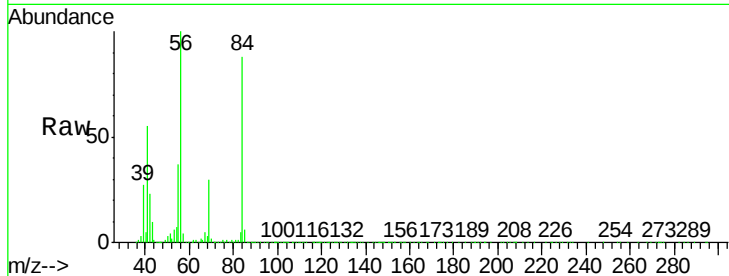
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	341232
Ion Ratio	Lower	Upper	
56	100		
69	30.4	25.9	38.9
84	86.1	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 48.706 ug/l

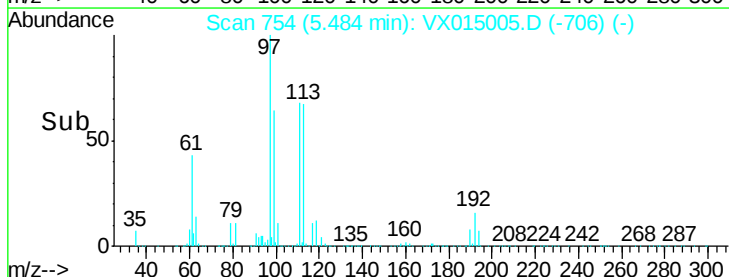
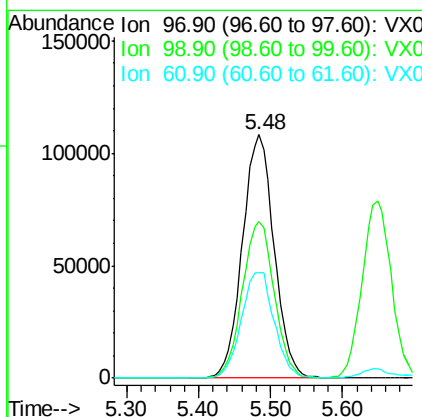
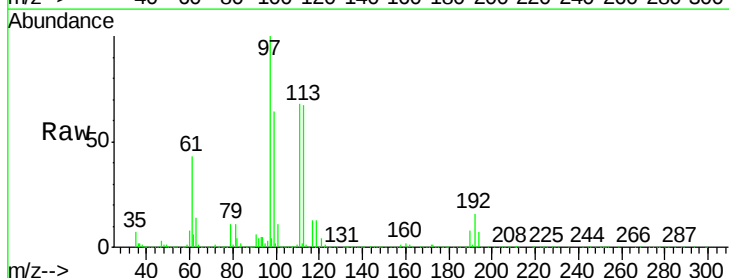
RT: 5.48 min Scan# 754

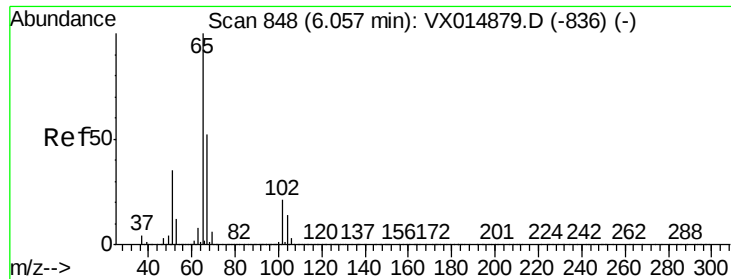
Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion	97	Resp	329202
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.6
61	44.8	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 48.845 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 245076

Ion Ratio Lower Upper

65 100

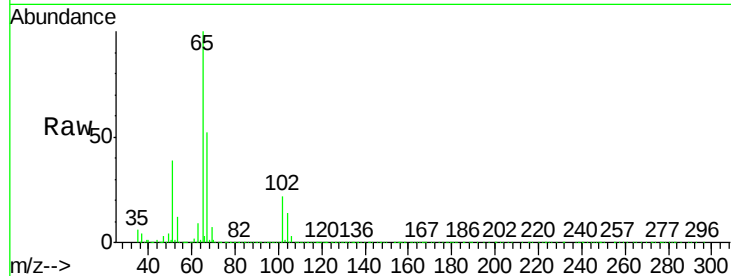
67 53.2 0.0 103.0

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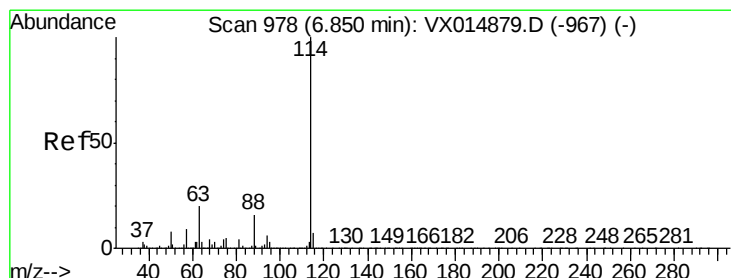
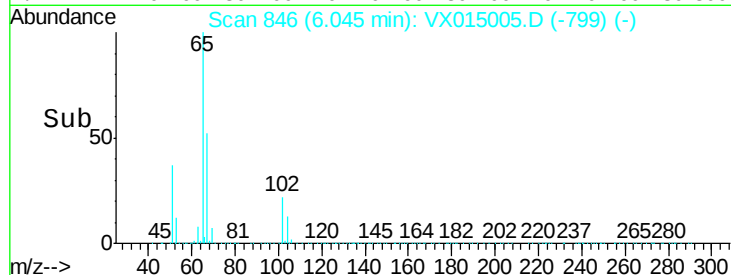
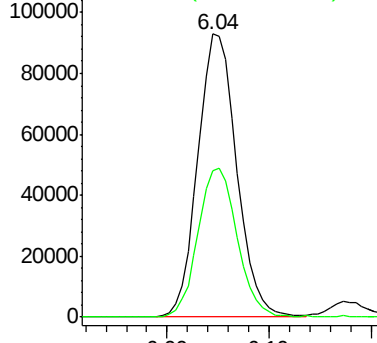
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX015005.D

Acq: 26 Feb 2020 08:47

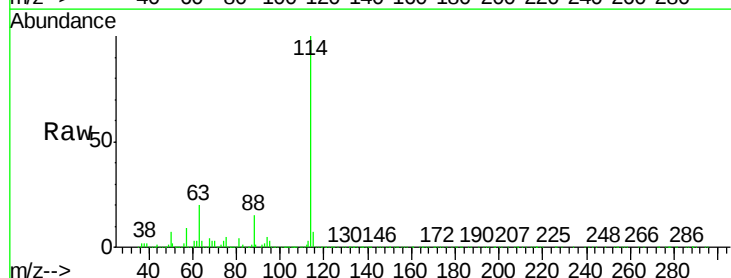
Tgt Ion: 114 Resp: 654823

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

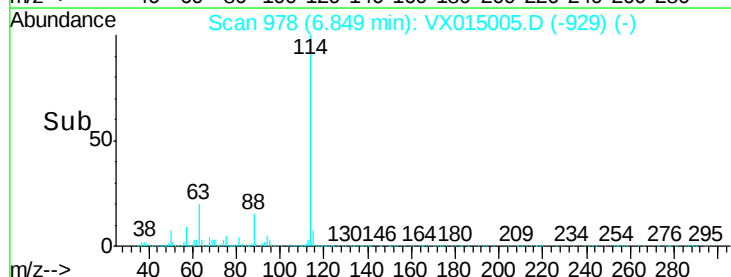
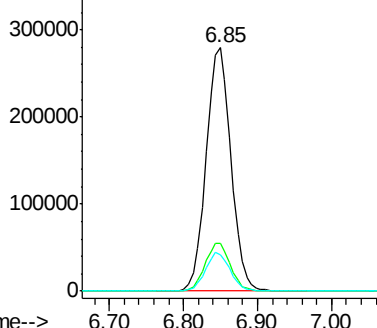
88 15.0 0.0 32.0

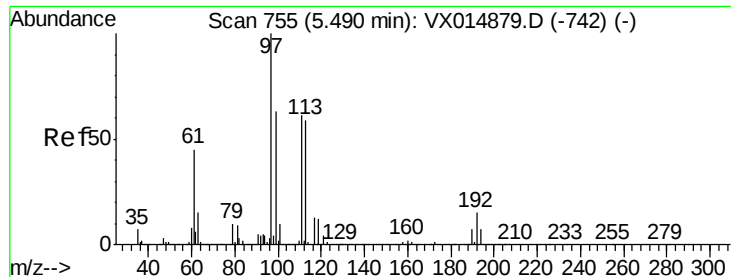


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.330 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

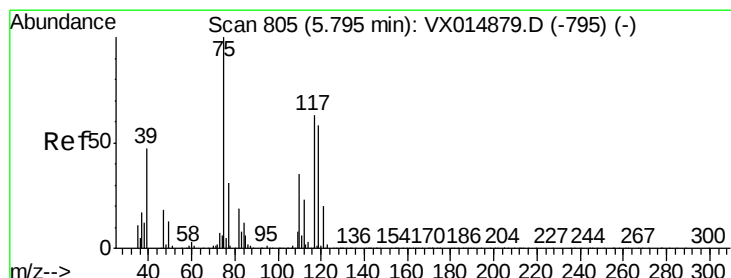
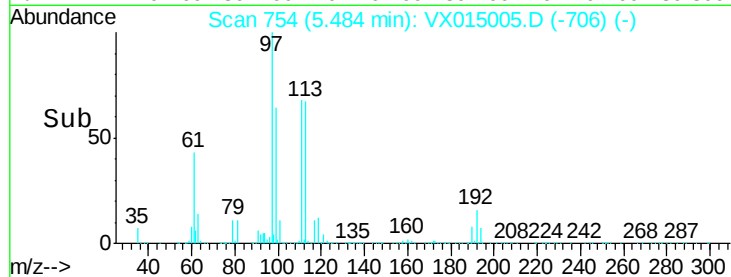
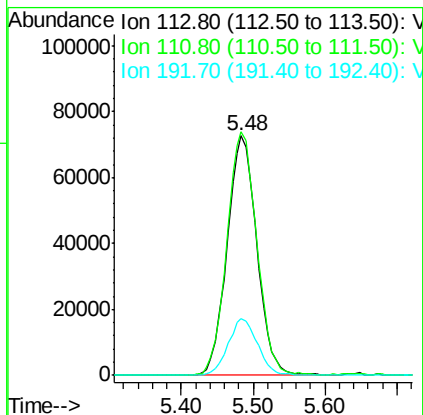
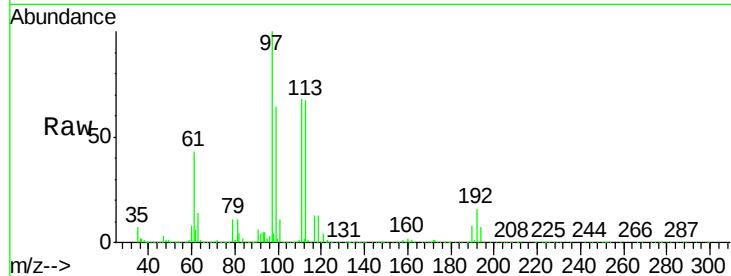
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	206637
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.4	123.6
192	23.9	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 49.189 ug/l

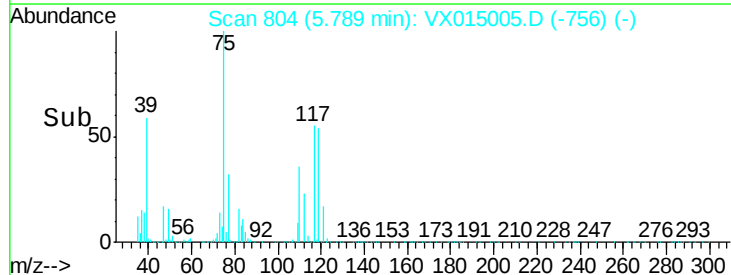
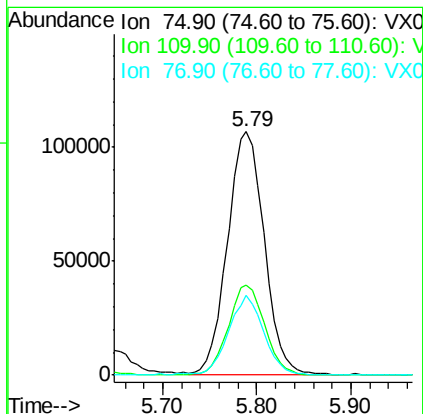
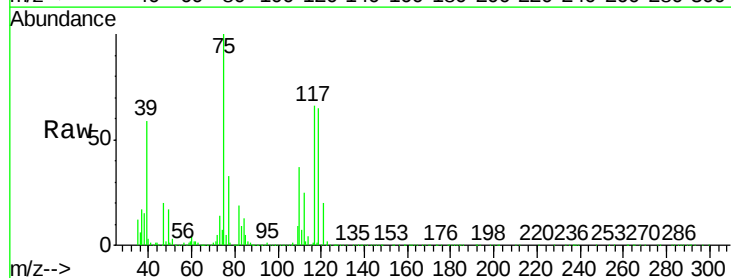
RT: 5.79 min Scan# 804

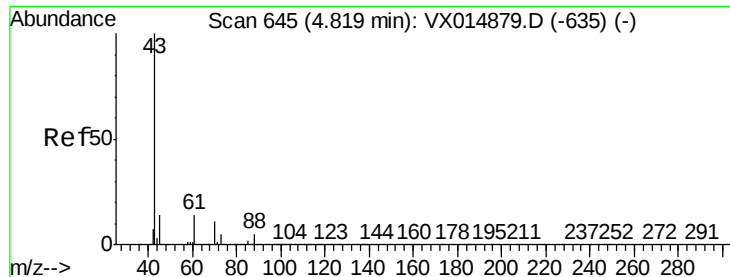
Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	75	Resp:	288127
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.3	54.8
77	31.2	24.6	36.8





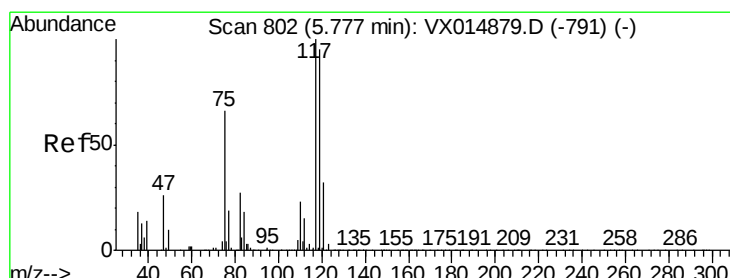
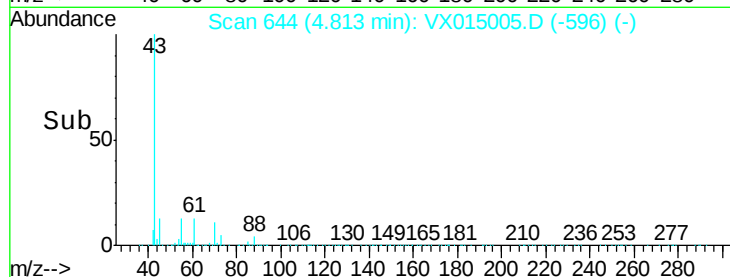
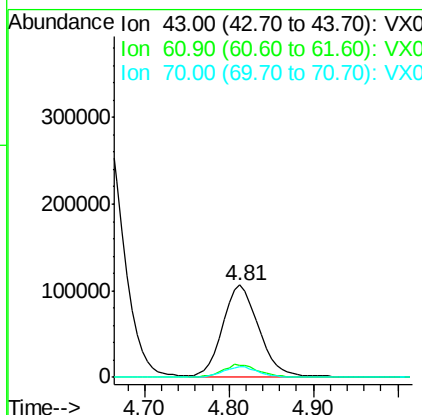
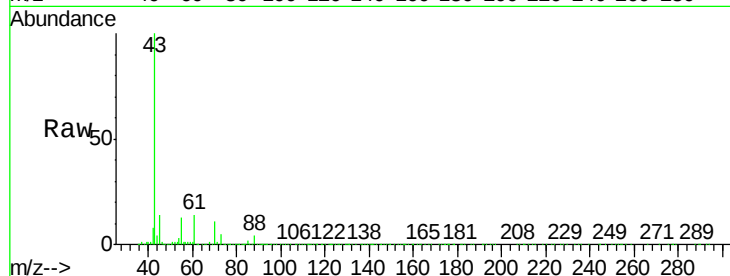
#37
Ethyl Acetate
Concen: 50.285 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	11.0	8.7	13.1

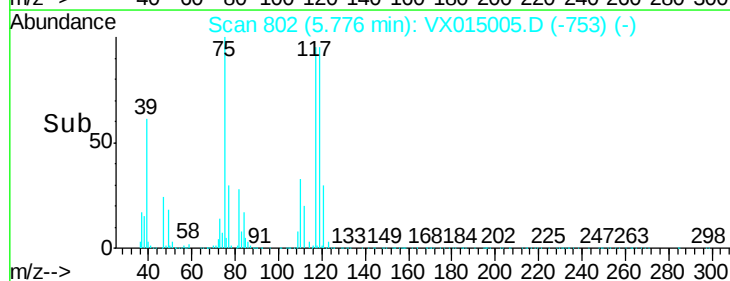
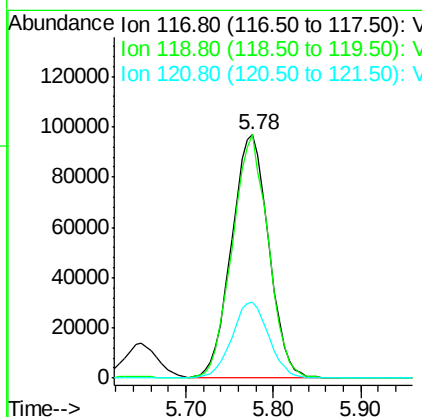
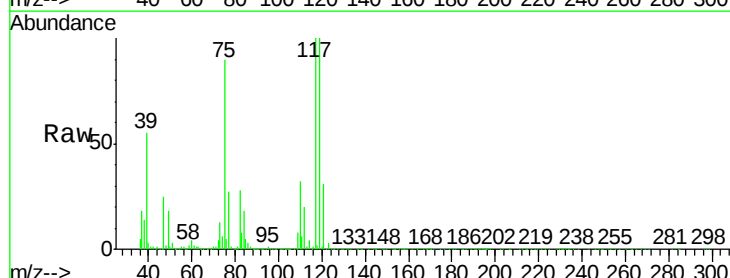
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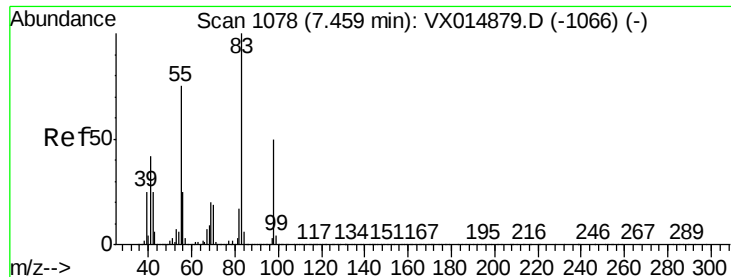
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#38
Carbon Tetrachloride
Concen: 49.858 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.0	114.0
121	31.2	25.4	38.2





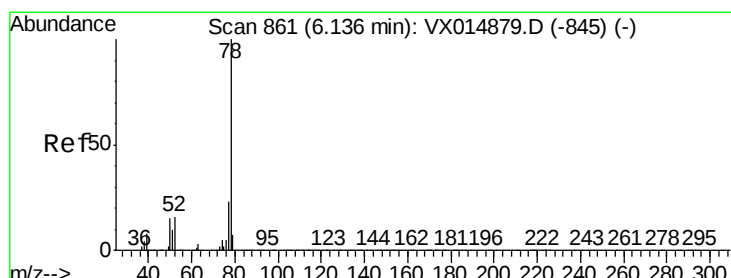
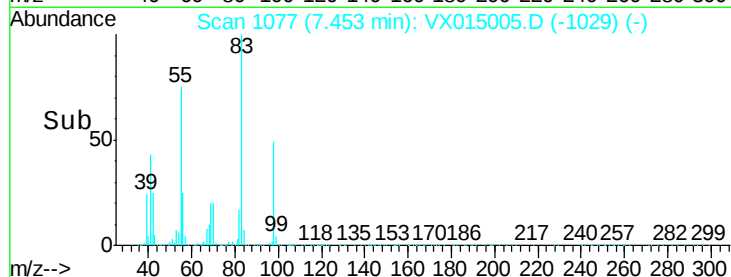
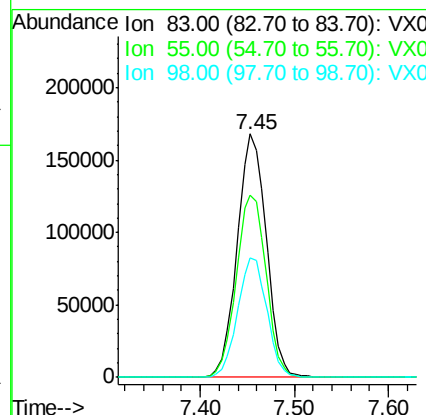
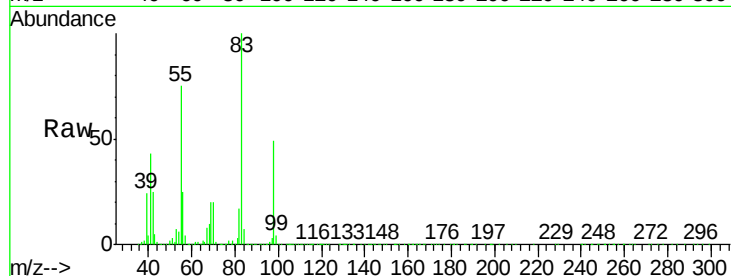
#39
Methvlcvclohexane
Concen: 49.227 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.0	90.0
98	49.2	39.6	59.4

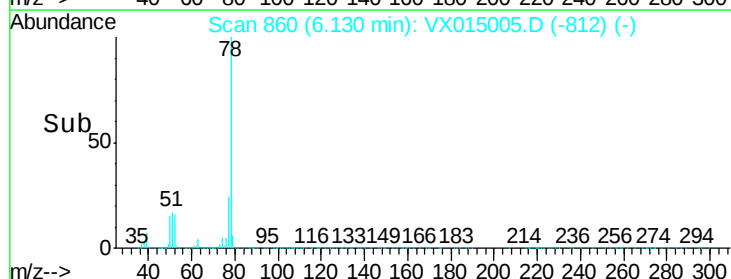
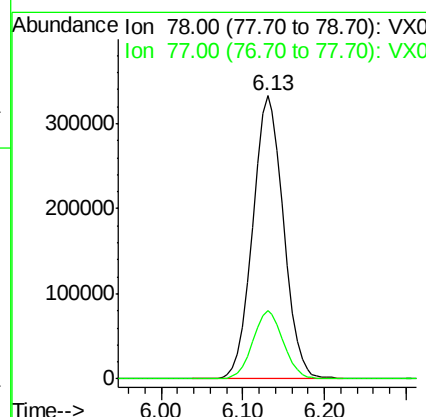
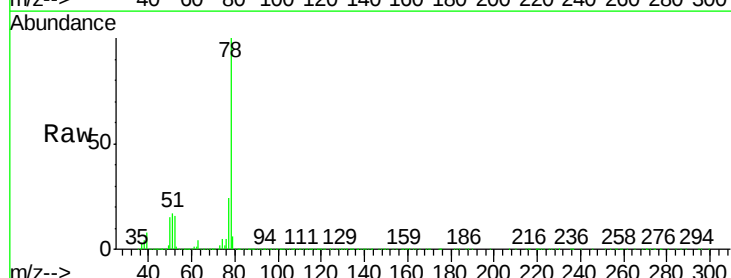
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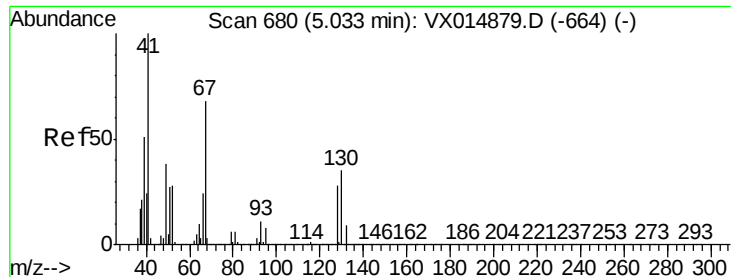
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#40
Benzene
Concen: 50.013 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





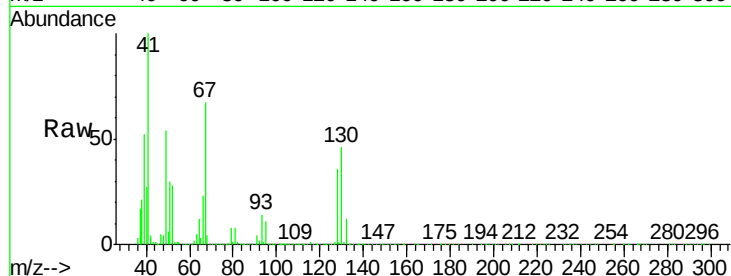
#41
Methacrylonitrile
Concen: 53.562 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

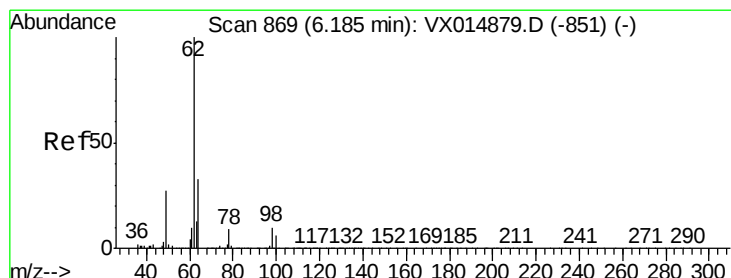
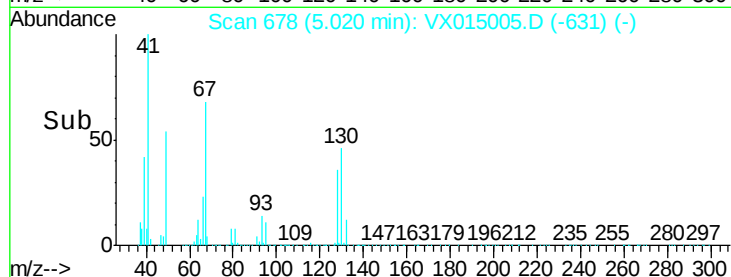
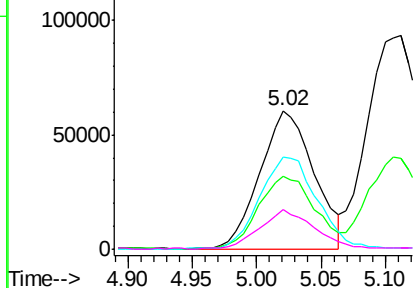
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.7	67.1
67	70.8	56.6	84.8
52	28.1	22.3	33.5

Manual Integrations
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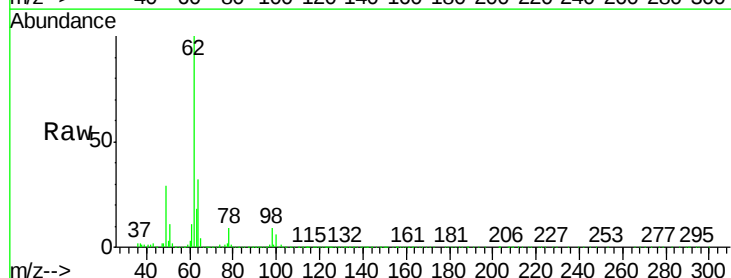


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

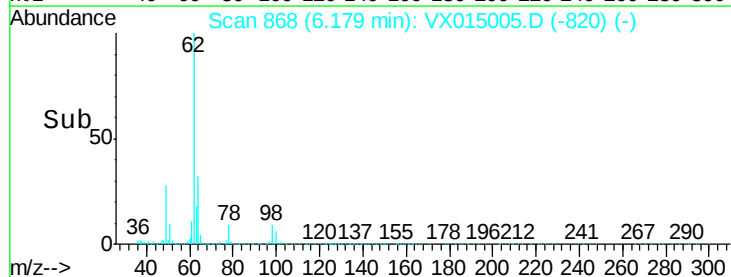
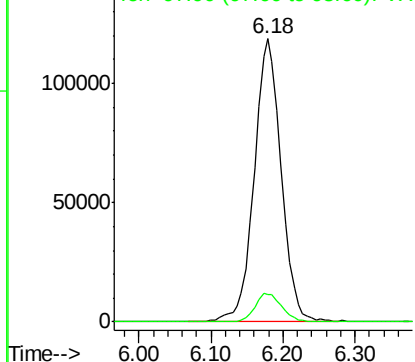


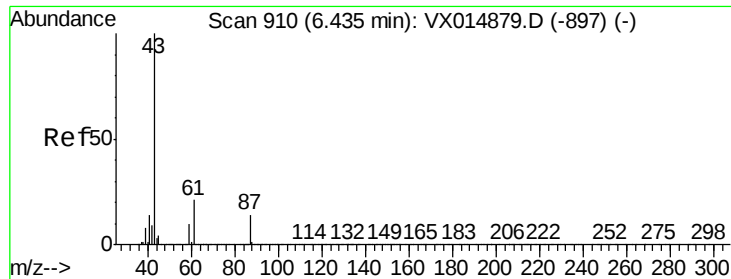
#42
1,2-Dichloroethane
Concen: 48.603 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

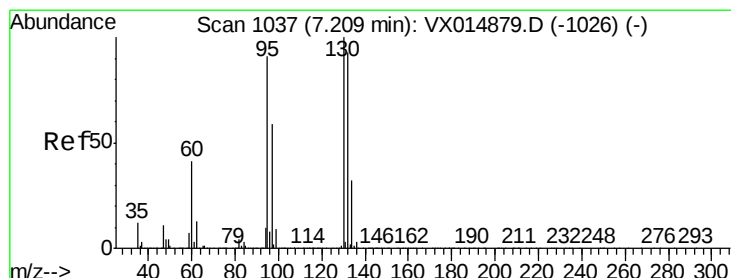
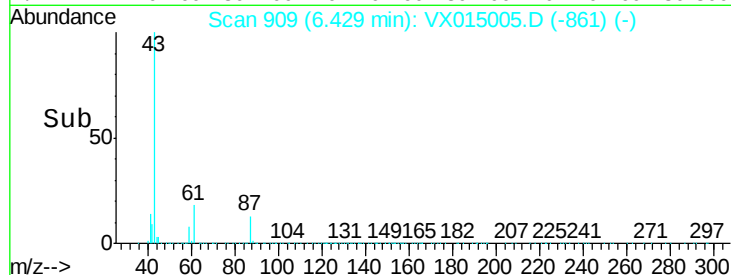
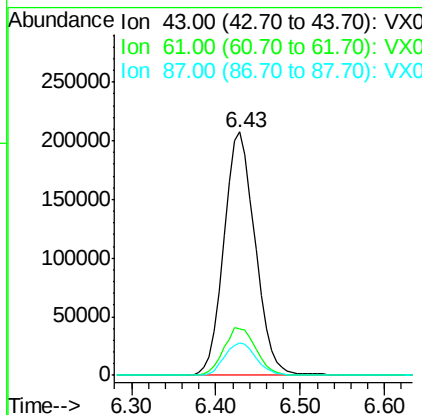
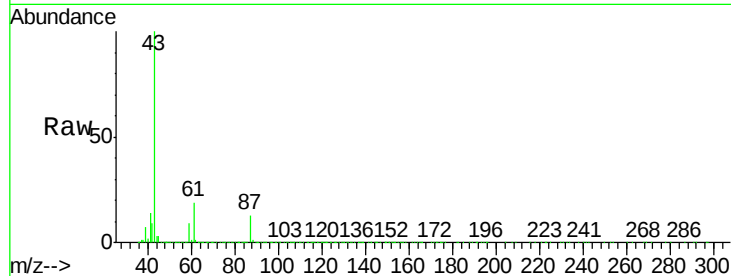
Isopropyl Acetate
 Concen: 51.830 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.5	11.0	16.6

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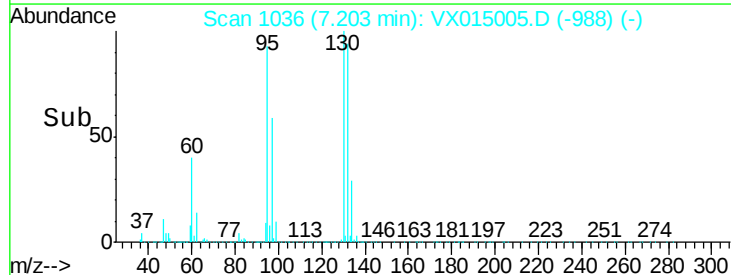
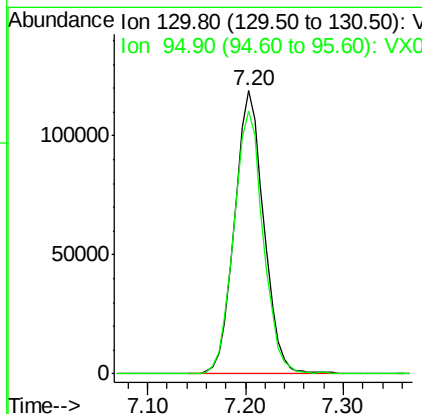
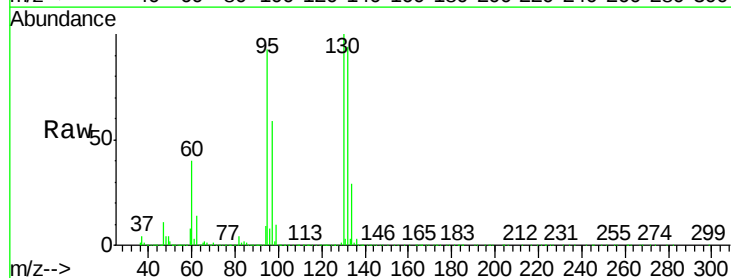
MMDadoda
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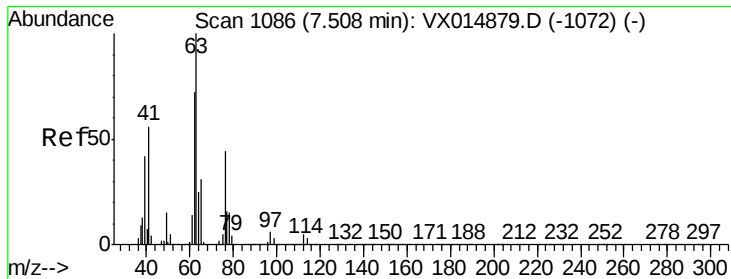


#44

Trichloroethene
 Concen: 48.425 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	182.6





#45

1,2-Dichloropropane

Concen: 51.237 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 228691

Ion Ratio Lower Upper

63 100

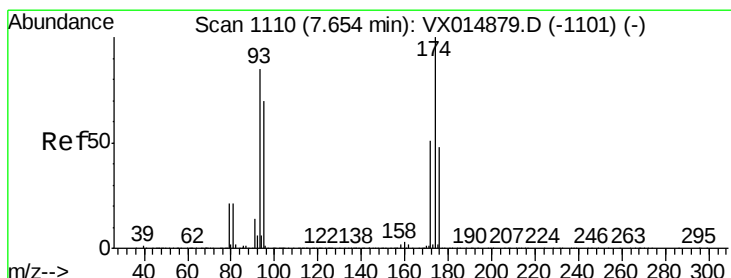
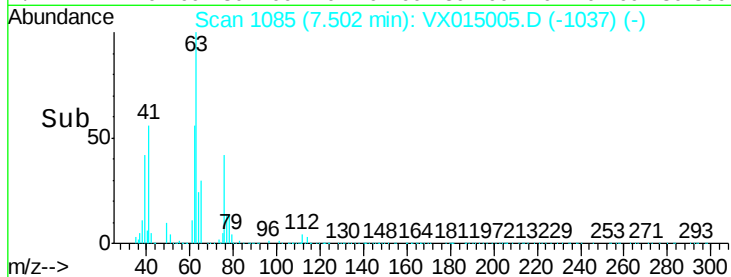
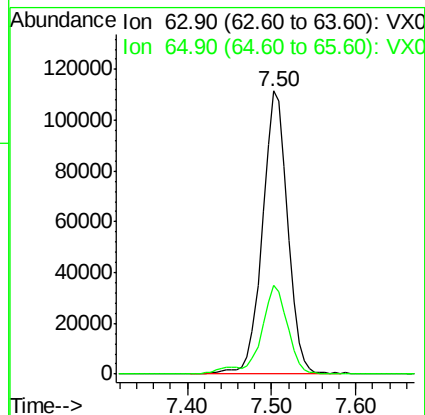
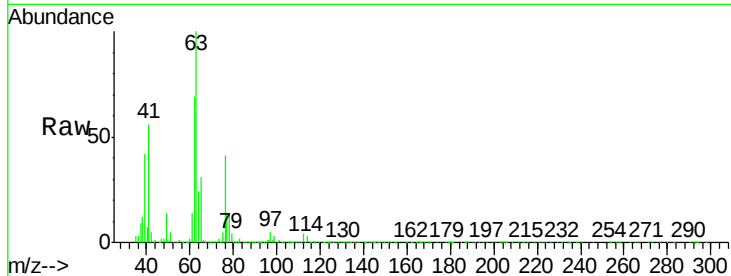
65 31.1 24.9 37.3

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#46

Dibromomethane

Concen: 48.669 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

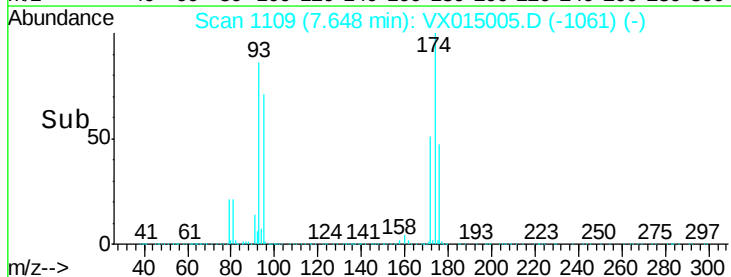
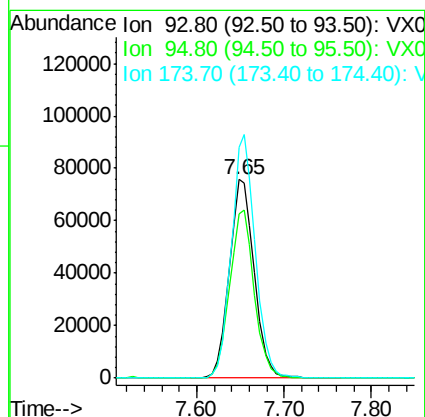
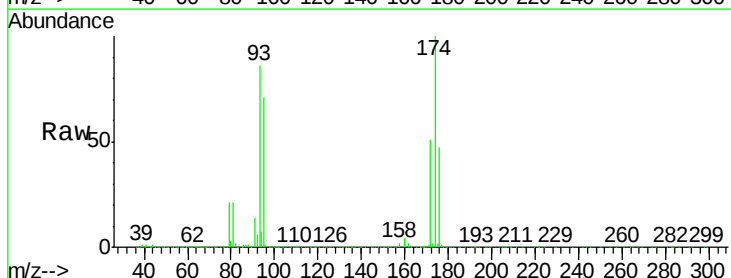
Tgt Ion: 93 Resp: 148488

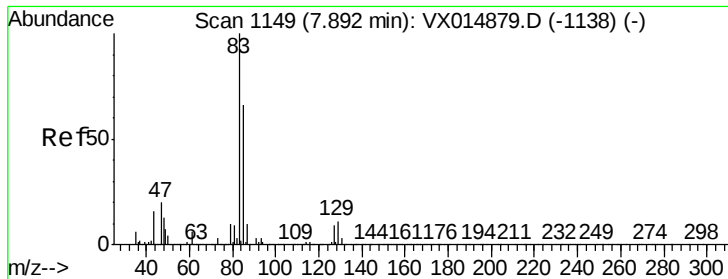
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 118.7 95.4 143.2





#47

Bromodichloromethane

Concen: 50.965 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

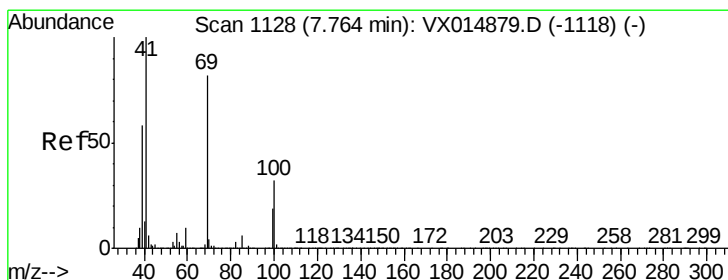
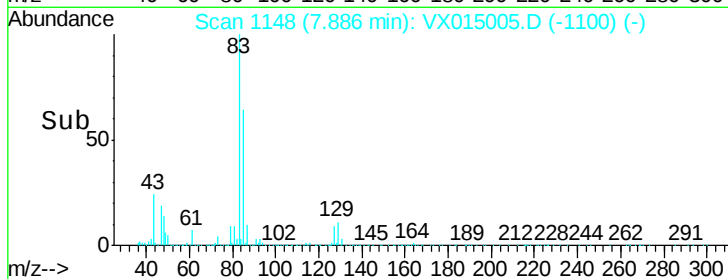
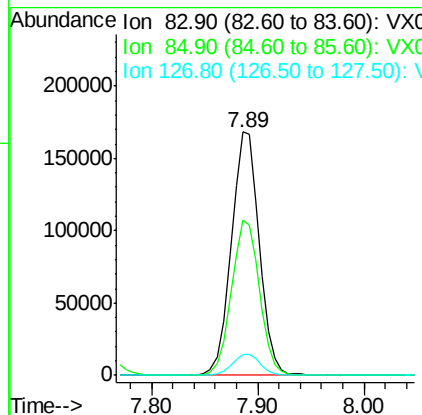
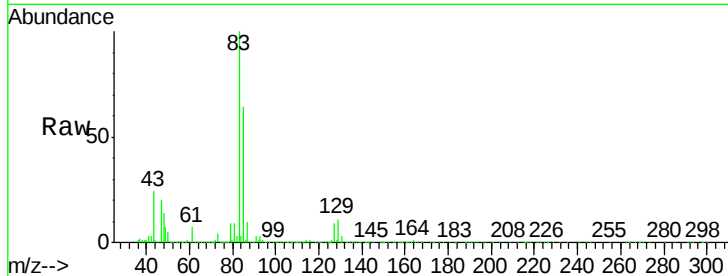
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	308310
Ion Ratio	Lower	Upper	
83	100		
85	63.8	52.5	78.7
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.259 ug/l

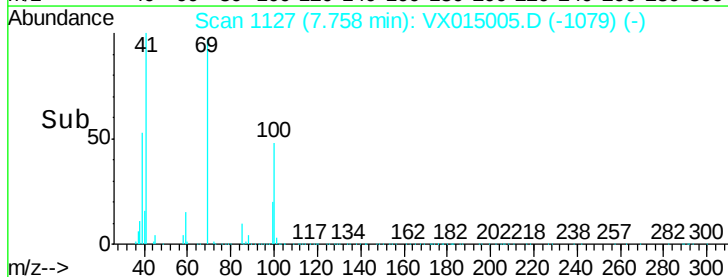
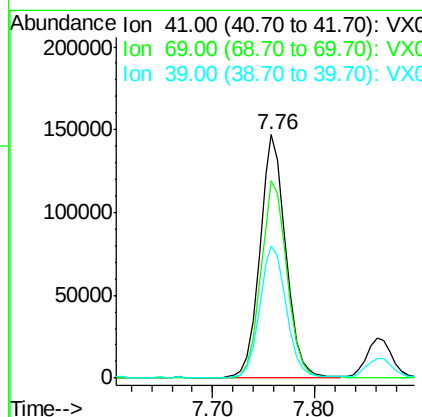
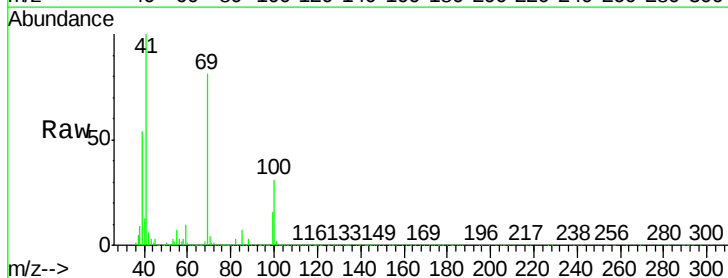
RT: 7.76 min Scan# 1127

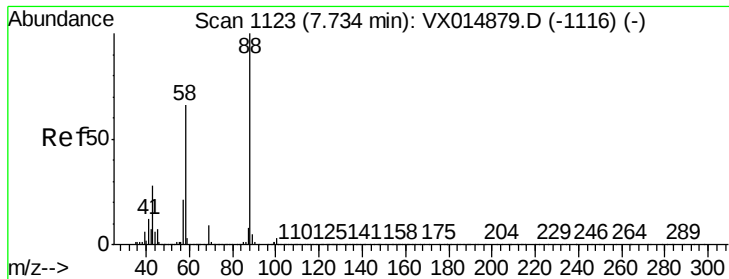
Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	41	Resp:	259193
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.7	98.5
39	55.8	45.8	68.8





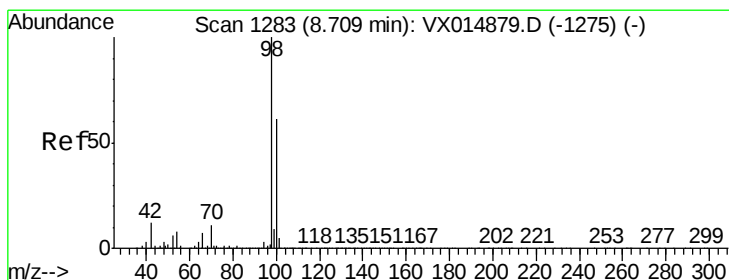
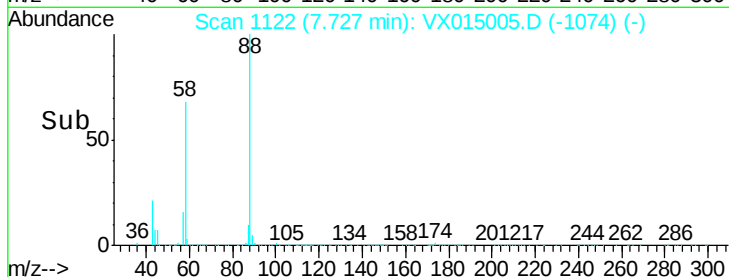
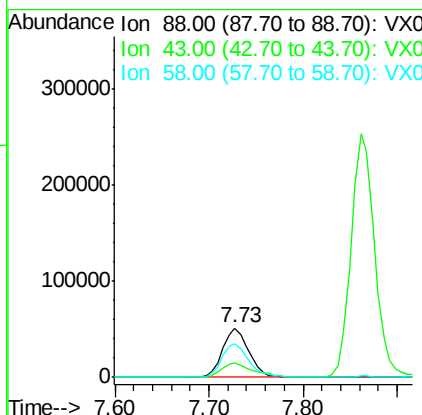
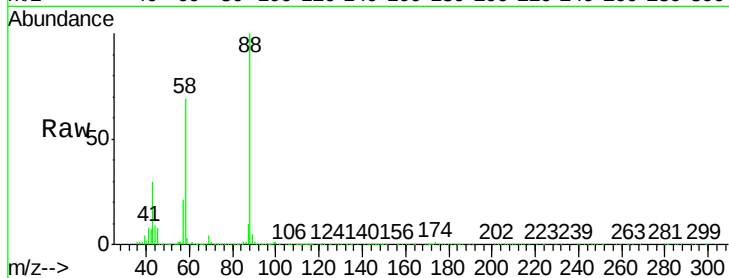
#49
1,4-Dioxane
Concen: 1048.806 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.0	40.4
58	70.1	53.2	79.8

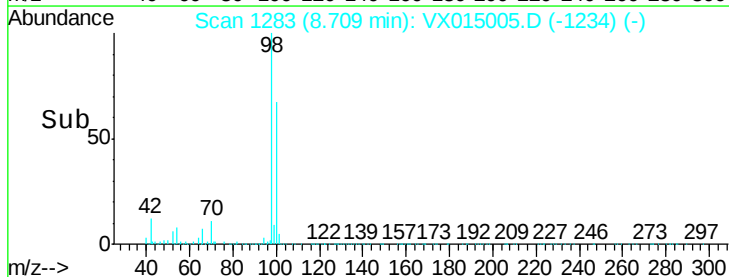
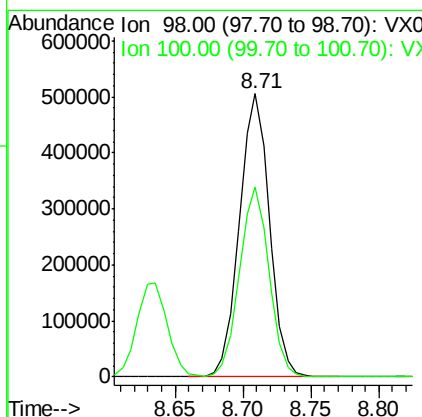
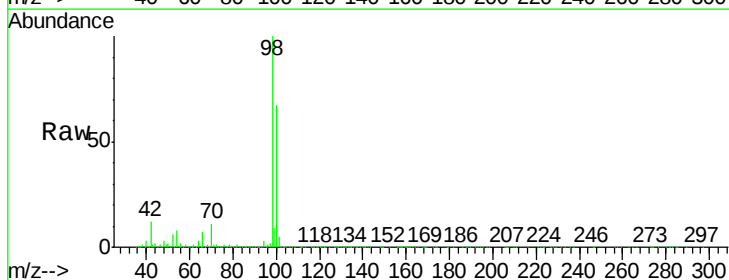
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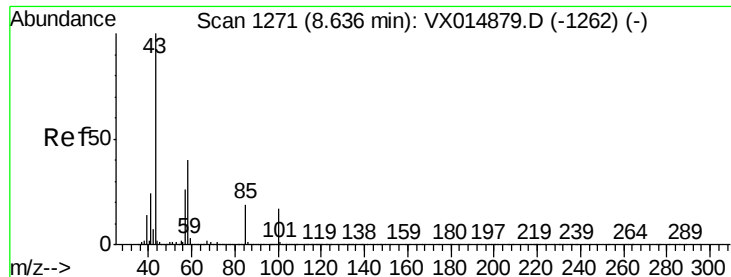
MMDadoda
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#50
Toluene-d8
Concen: 50.617 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 263.930 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1606133

Ion Ratio Lower Upper

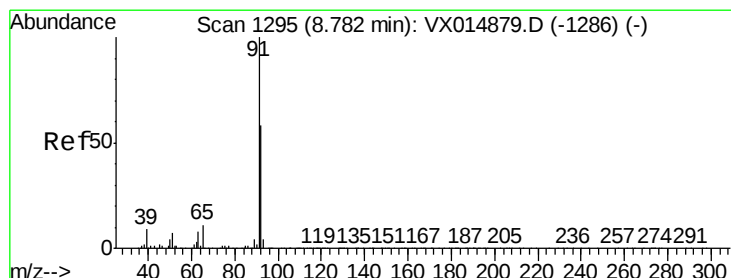
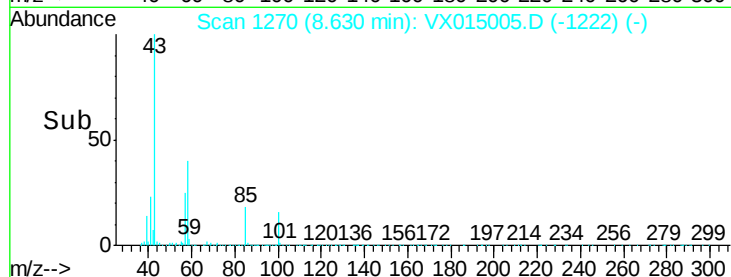
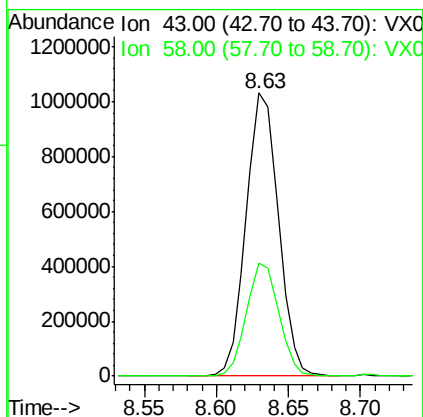
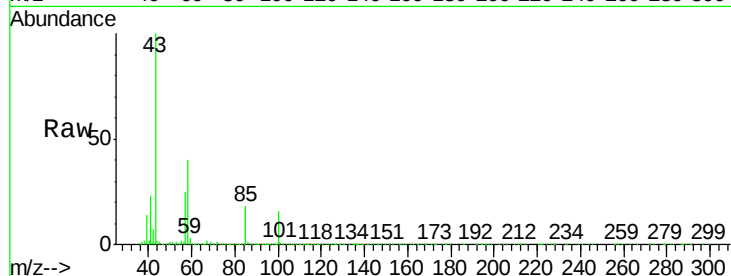
43 100

58 39.8 31.9 47.9

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#52

Toluene

Concen: 50.113 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015005.D

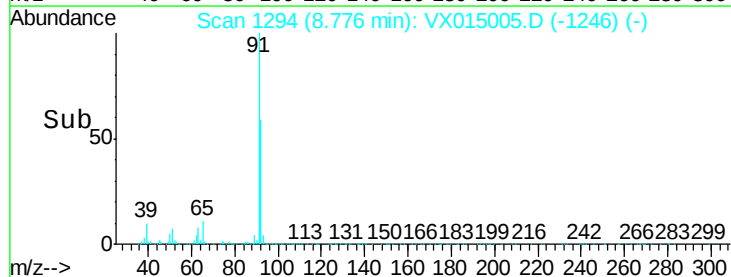
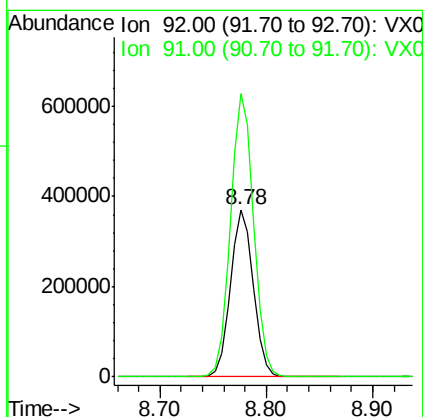
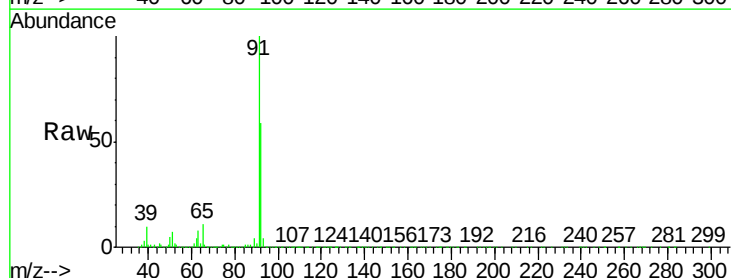
Acq: 26 Feb 2020 08:47

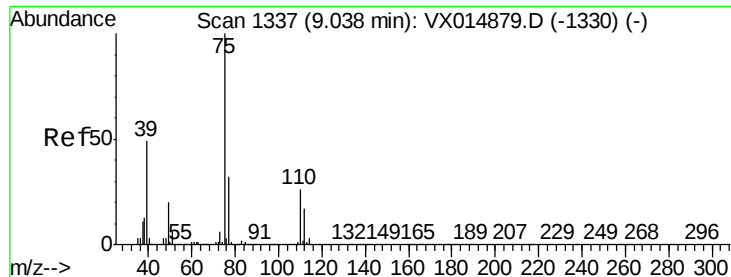
Tgt Ion: 92 Resp: 557050

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4





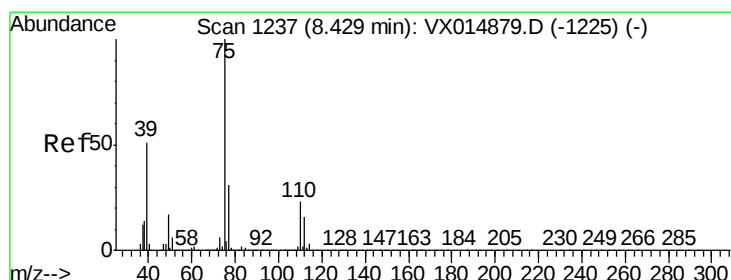
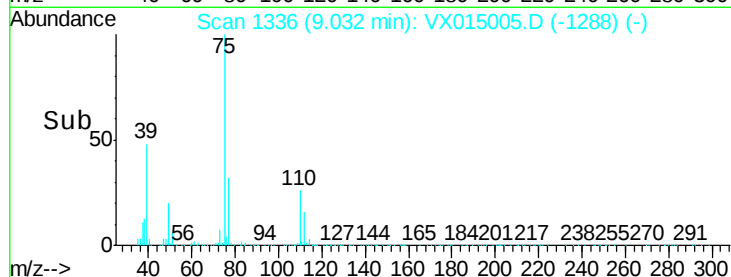
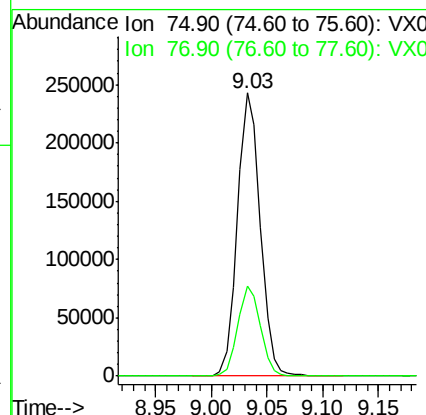
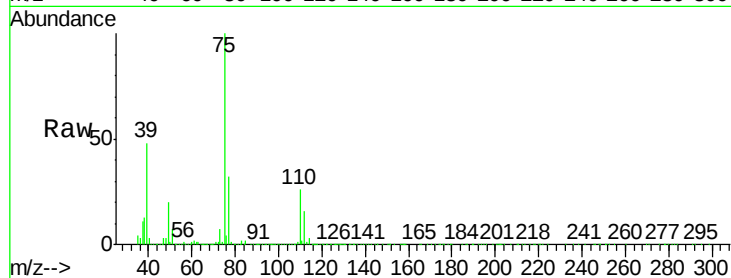
#53
t-1,3-Dichloropropene
Concen: 51.902 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

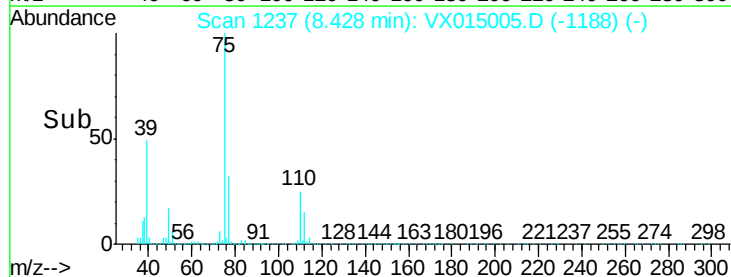
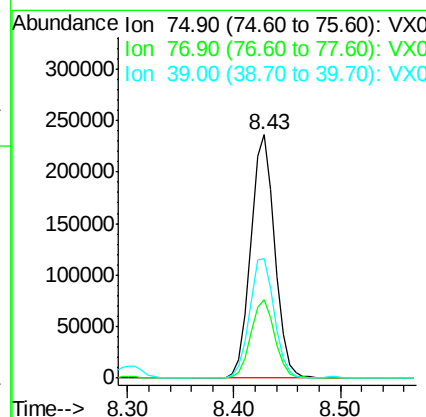
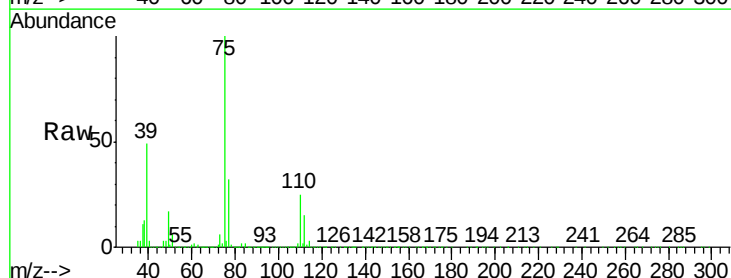
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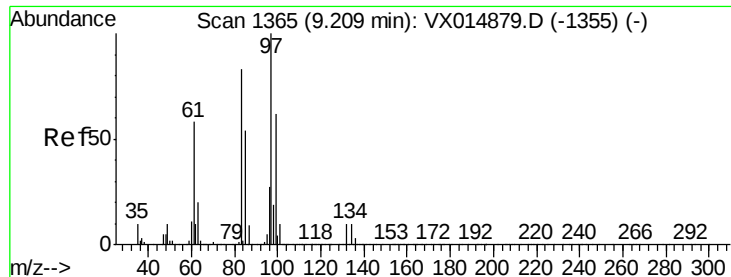
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#54
cis-1,3-Dichloropropene
Concen: 51.000 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	49.0	40.9	61.3





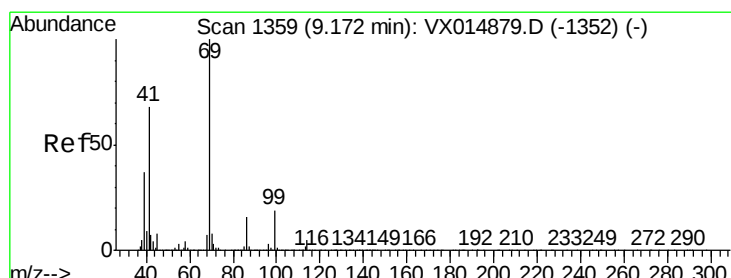
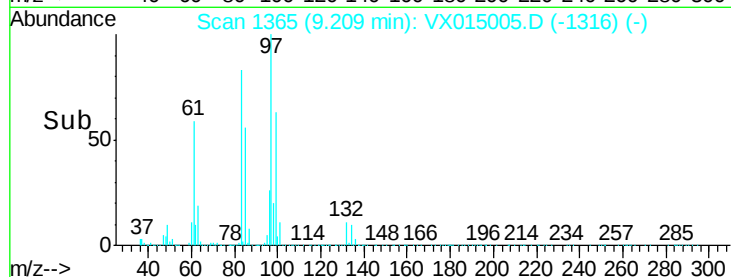
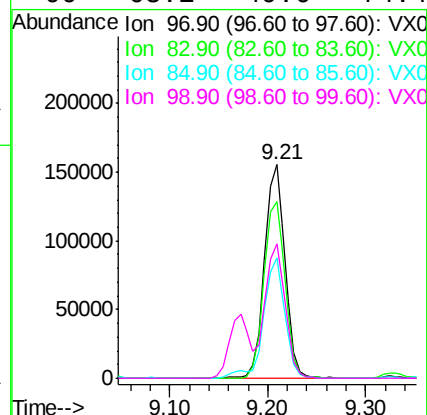
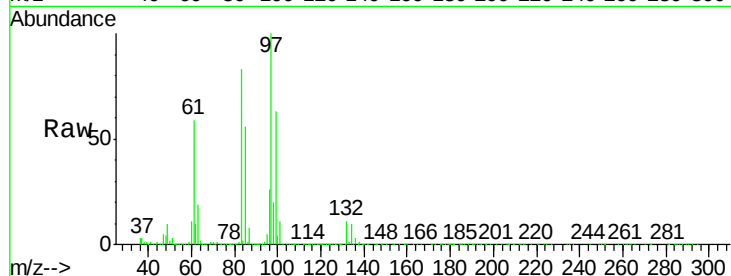
#55
 1,1,2-Trichloroethane
 Concen: 50.827 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		228584		
83	82.5	66.6	99.8		
85	56.0	43.5	65.3		
99	63.1	49.6	74.4		

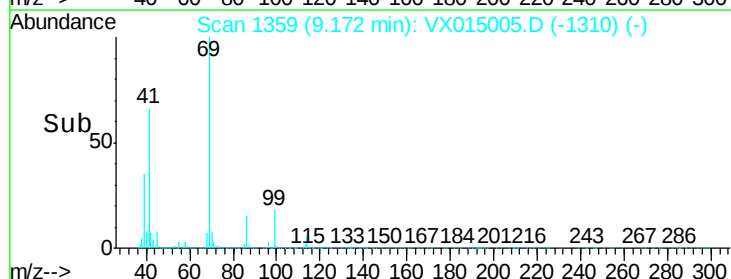
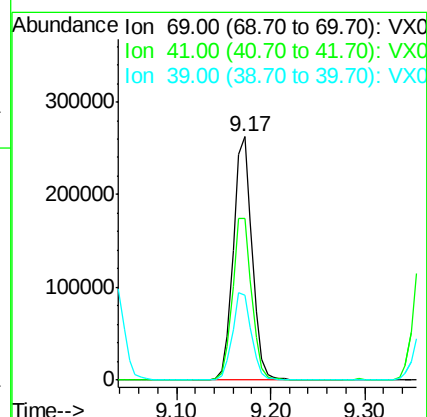
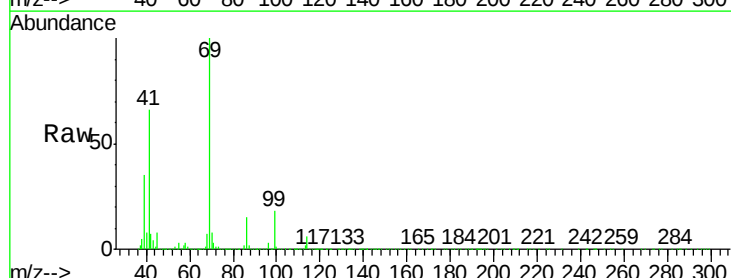
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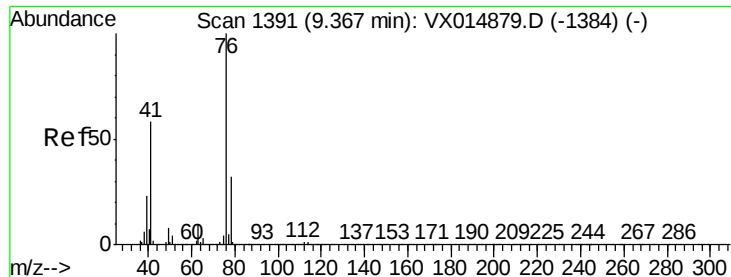
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#56
 Ethyl methacrylate
 Concen: 53.464 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		361408		
41	67.5	54.8	82.2		
39	36.2	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 50.668 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 383579

Ion Ratio Lower Upper

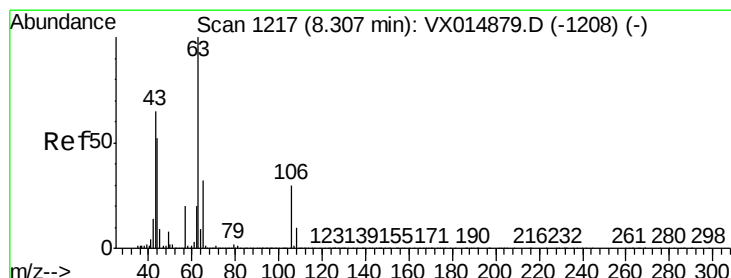
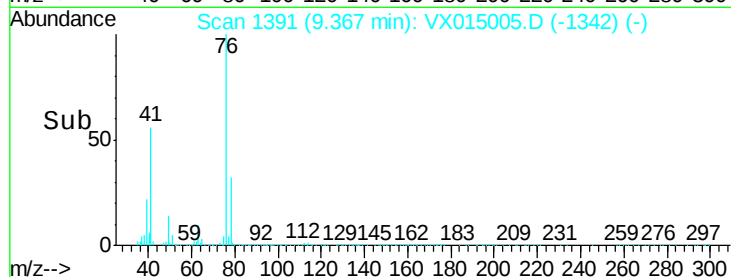
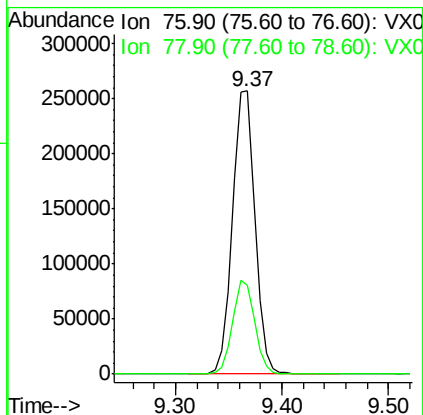
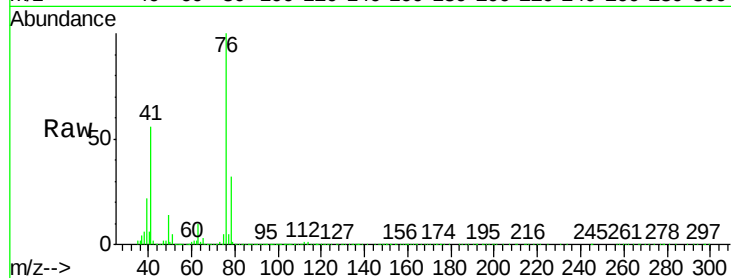
76 100

78 32.6 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 258.413 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015005.D

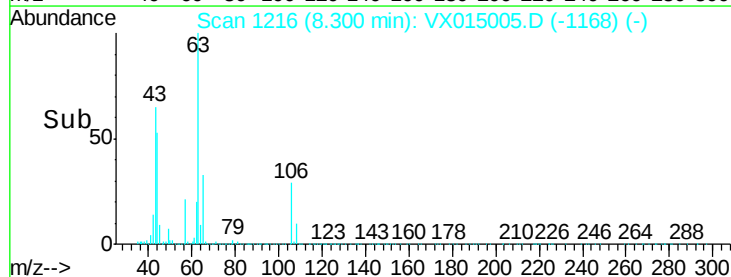
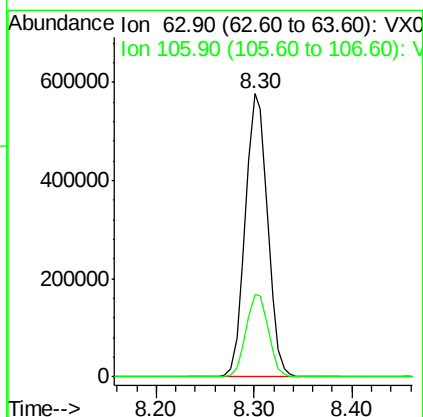
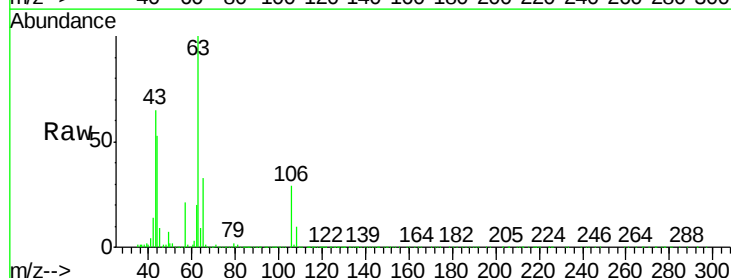
Acq: 26 Feb 2020 08:47

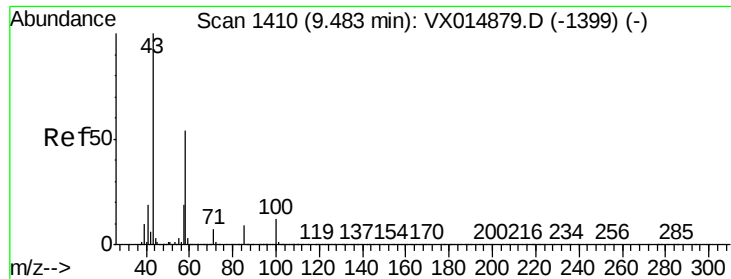
Tgt Ion: 63 Resp: 913554

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8





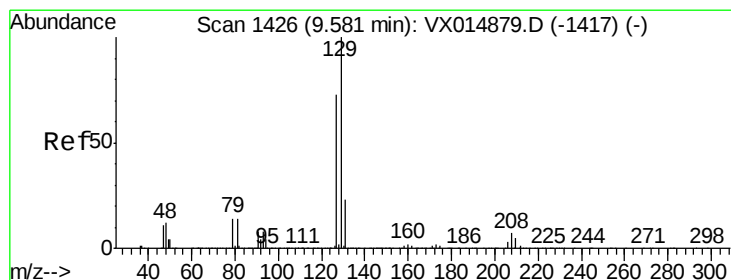
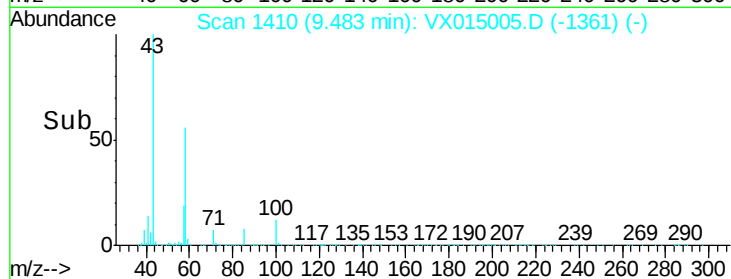
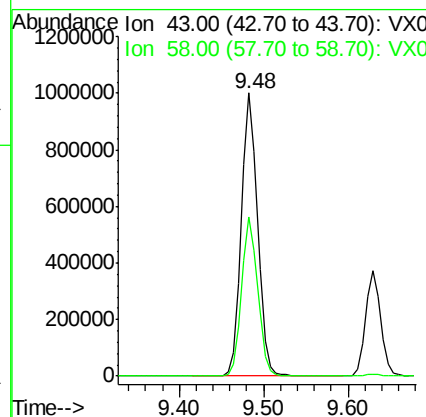
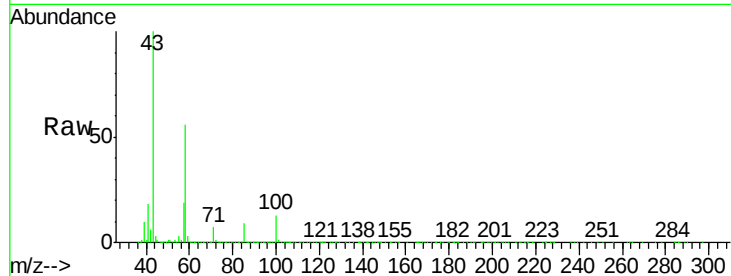
#59
2-Hexanone
Concen: 271.255 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1297478
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5

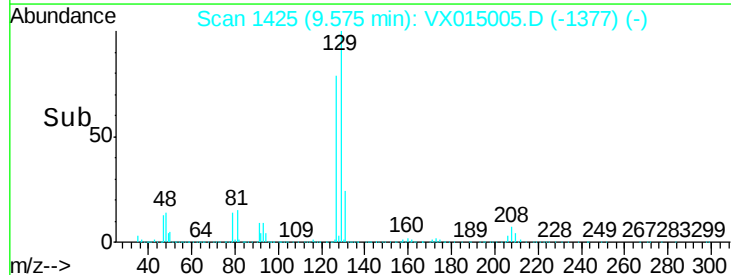
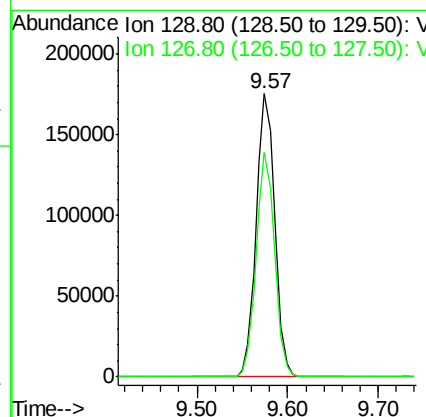
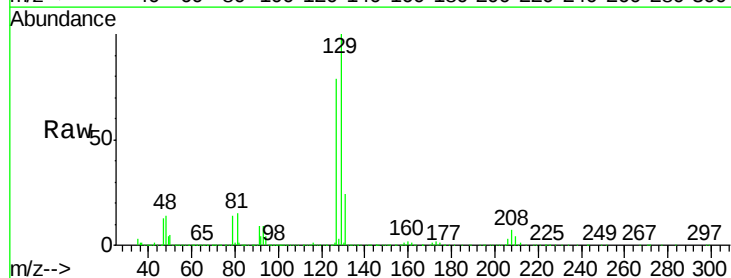
Manual Integrations
APPROVED

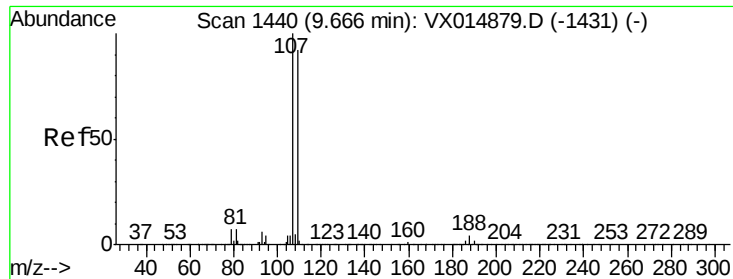
MMDadoda
2/27/2020 10:48:06 AM



#60
Dibromochloromethane
Concen: 51.670 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion: 129 Resp: 250073
Ion Ratio Lower Upper
129 100
127 78.3 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.544 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 235559

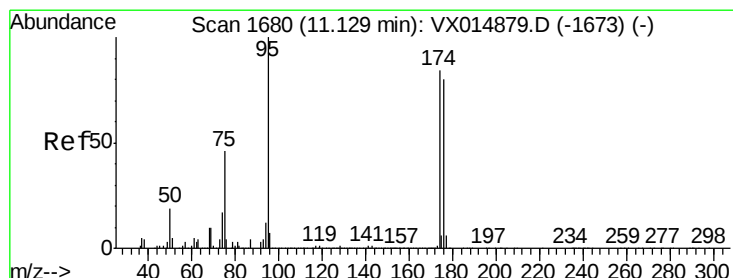
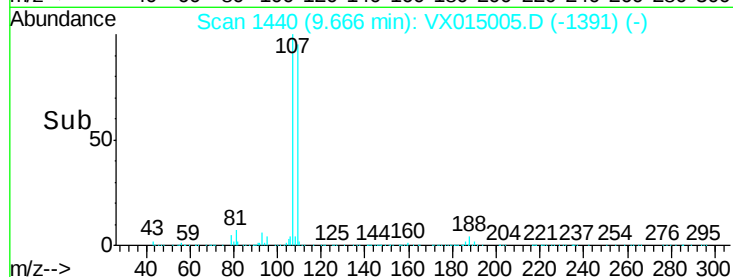
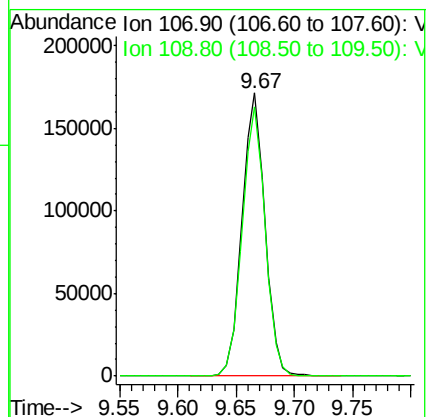
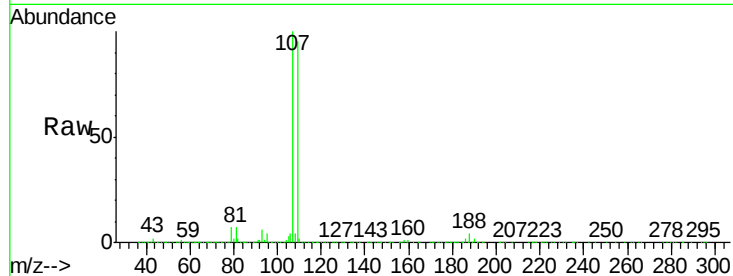
Ion Ratio Lower Upper

107 100

109 95.6 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:48:06 AM



#62

4-Bromofluorobenzene

Concen: 52.711 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

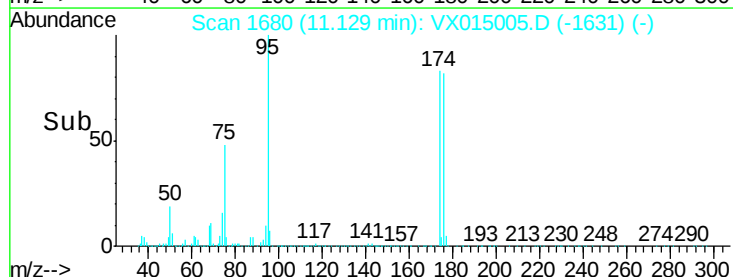
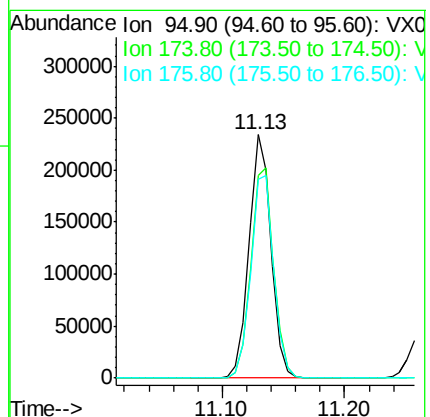
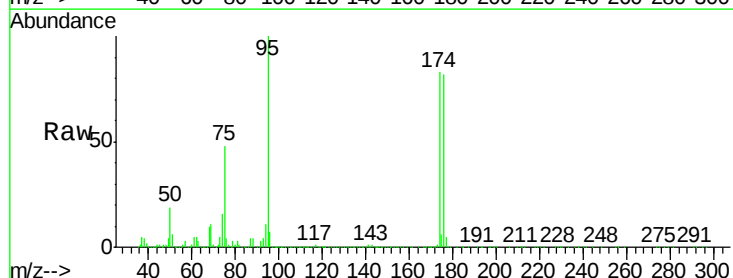
Tgt Ion: 95 Resp: 291779

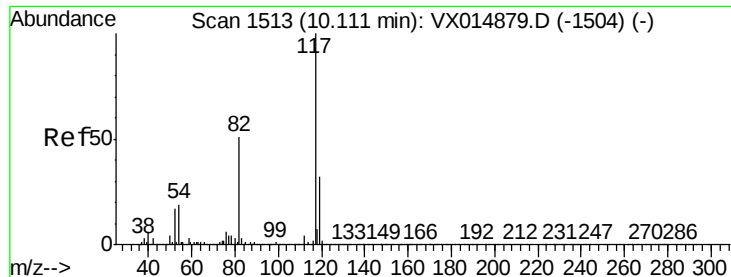
Ion Ratio Lower Upper

95 100

174 90.1 0.0 183.0

176 87.5 0.0 178.0





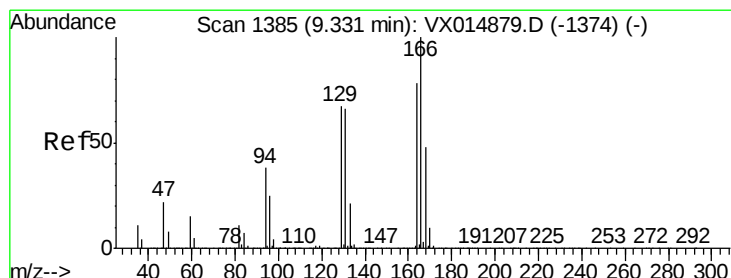
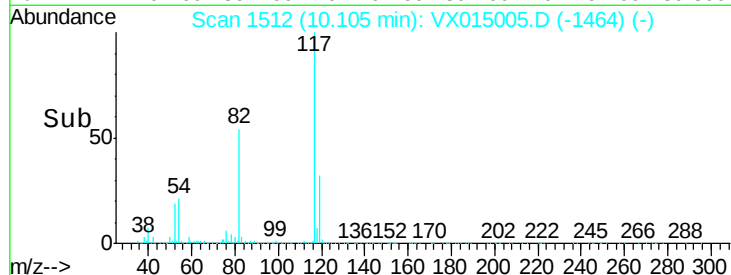
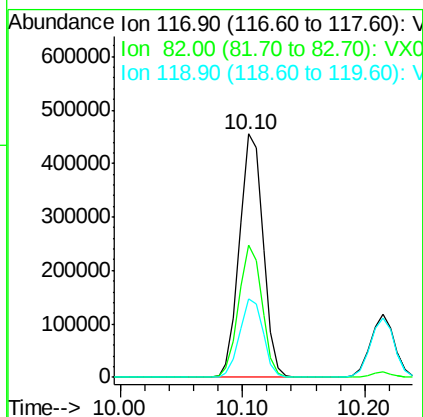
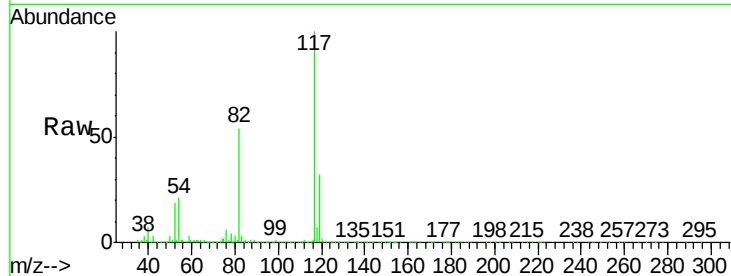
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.5	60.7
119	32.0	25.8	38.6

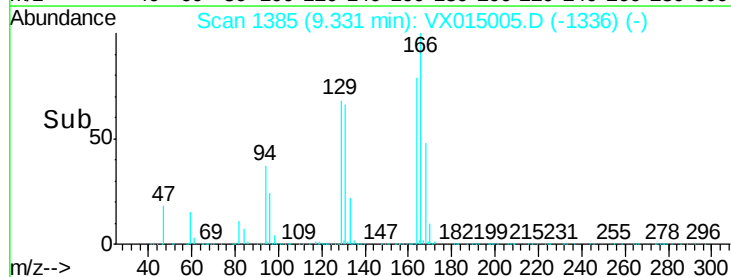
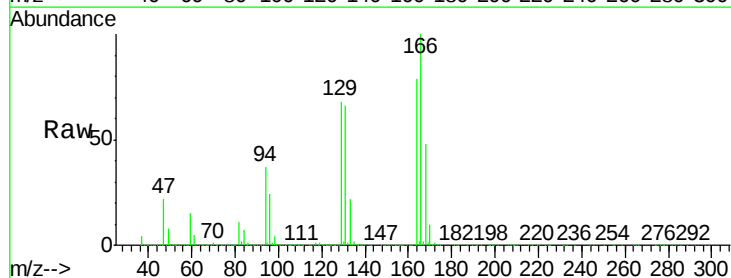
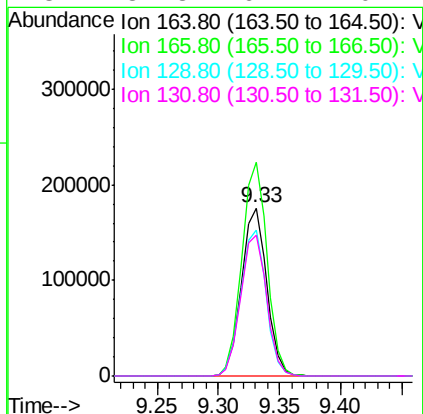
Manual Integrations
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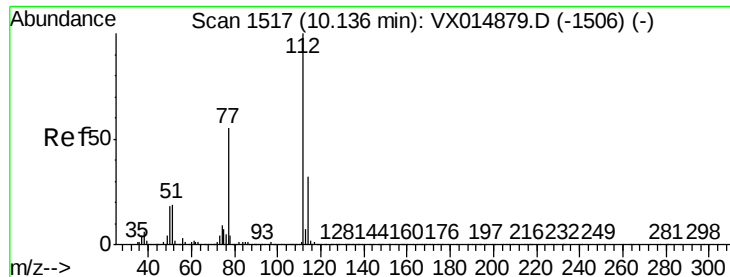
MMDadoda
2/27/2020 10:48:06 AM



#64
Tetrachloroethene
Concen: 44.221 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	86.9	68.3	102.5
131	84.3	67.4	101.2





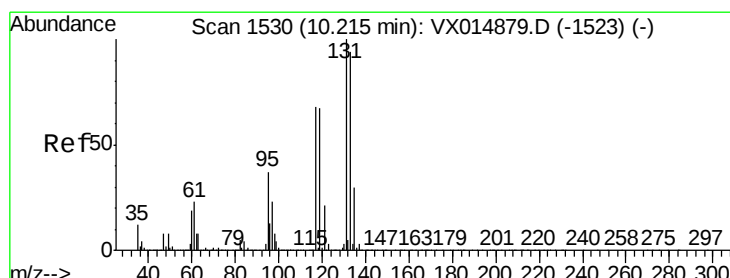
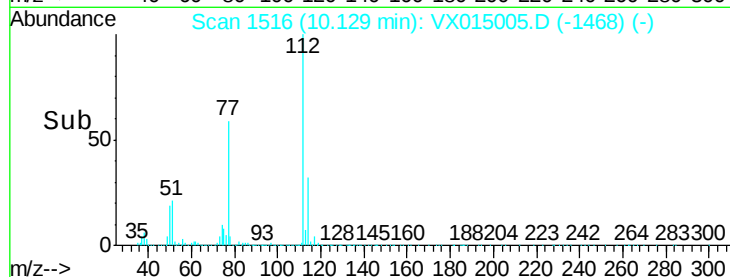
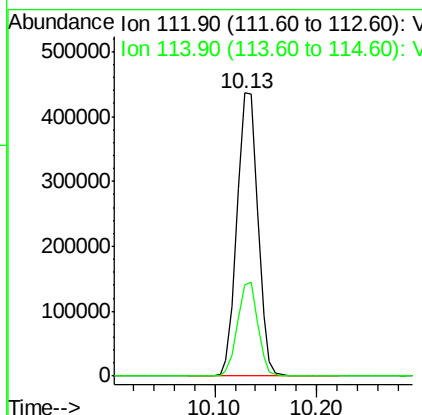
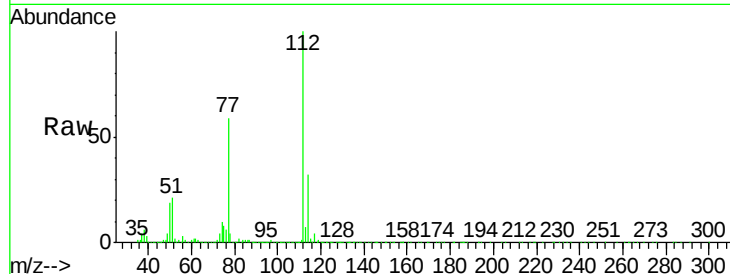
#65
Chlorobenzene
Concen: 49.629 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

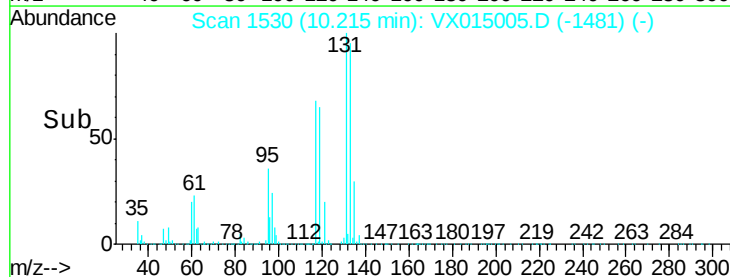
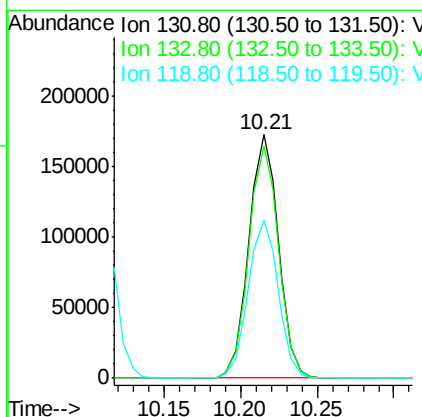
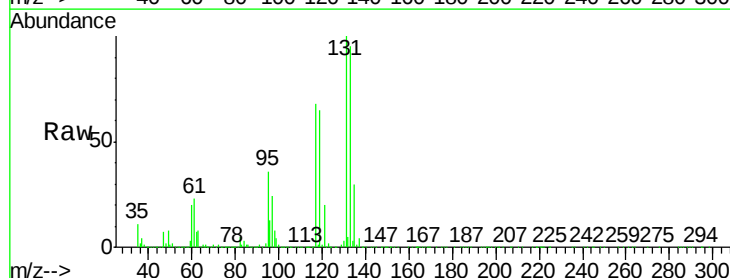
Manual Integrations
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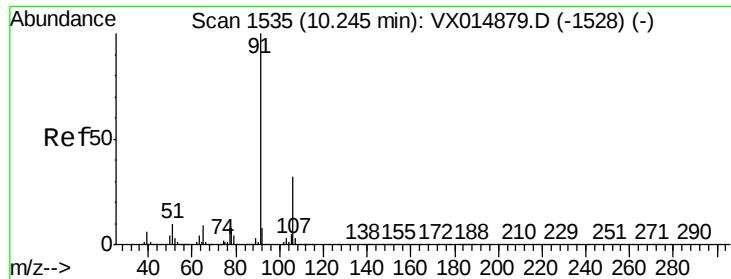
MMDadoda
2/27/2020 10:48:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.026 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.1	144.4
119	65.4	33.0	99.0





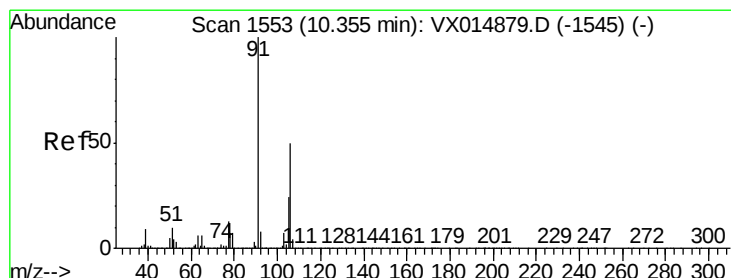
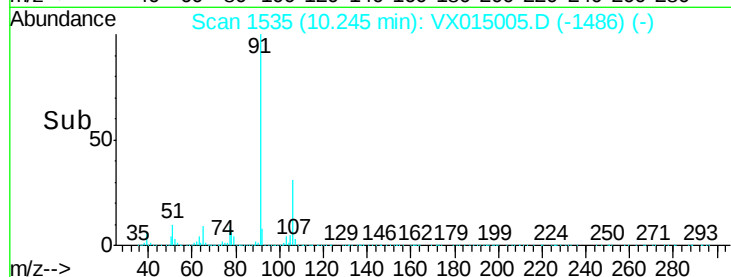
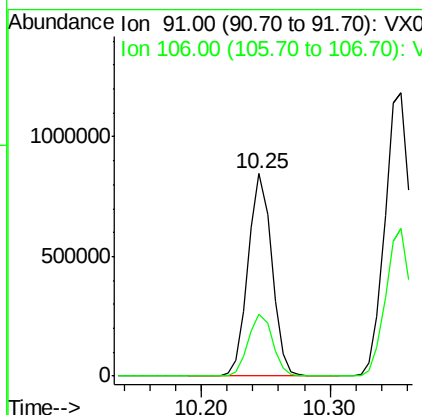
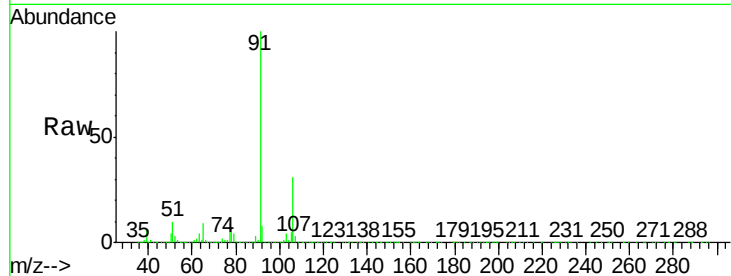
#67
Ethyl Benzene
Concen: 51.016 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1071469
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

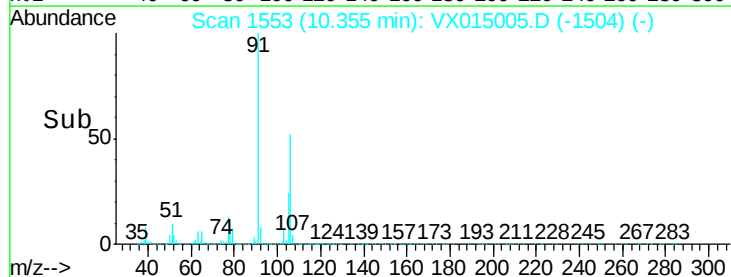
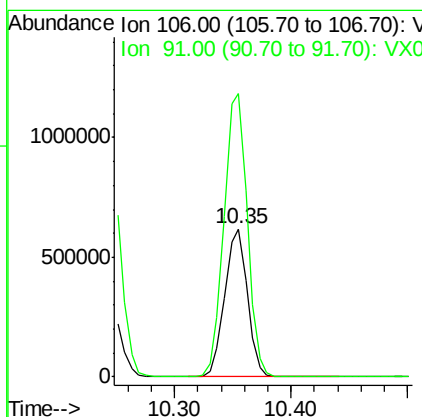
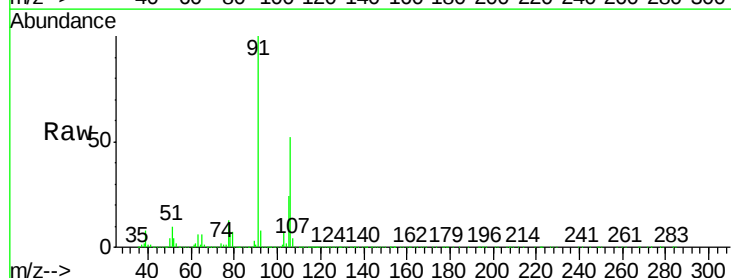
Manual Integrations
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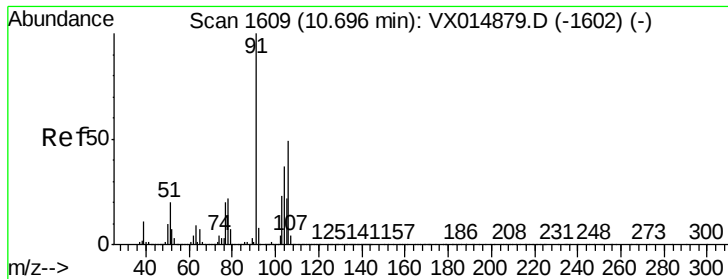
MMDadoda
2/27/2020 10:48:06 AM



#68
m/p-Xylenes
Concen: 102.879 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion: 106 Resp: 832387
Ion Ratio Lower Upper
106 100
91 197.1 160.6 240.8





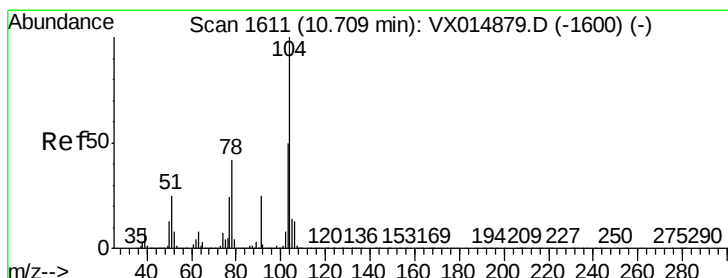
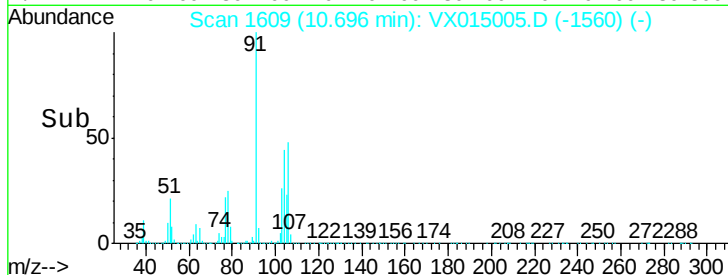
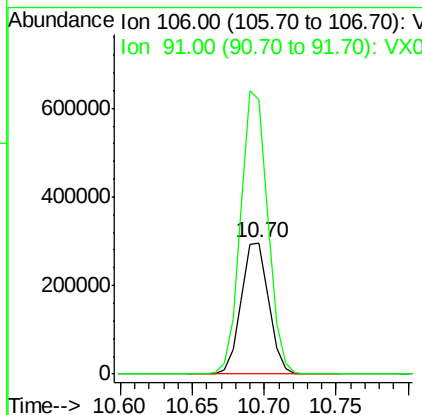
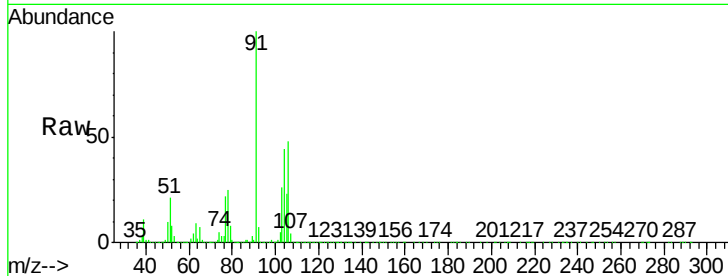
#69
o-Xylene
Concen: 50.602 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	393561		
91	212.3	105.1	315.3	

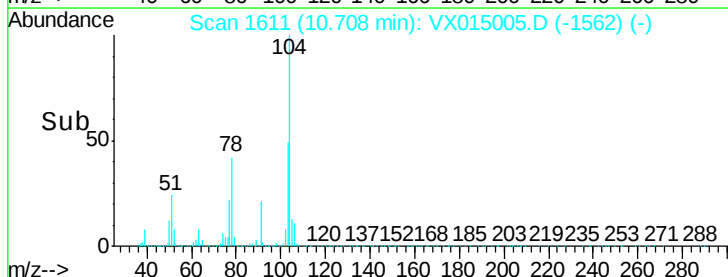
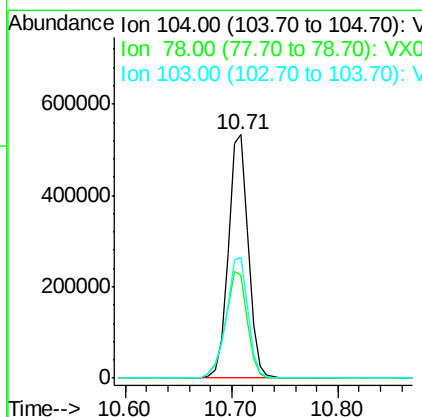
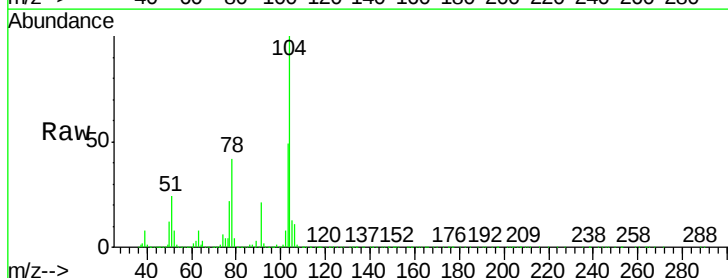
Manual Integrations
APPROVED

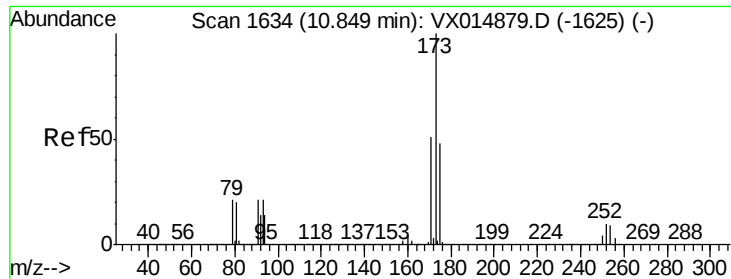
MMDadoda
2/27/2020 10:48:06 AM



#70
Styrene
Concen: 53.008 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	697458		
78	48.2	39.0	58.4	
103	53.9	43.4	65.0	





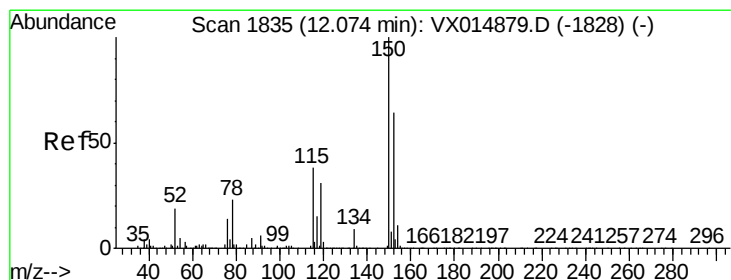
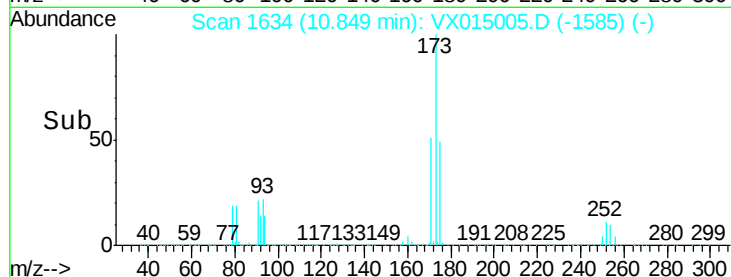
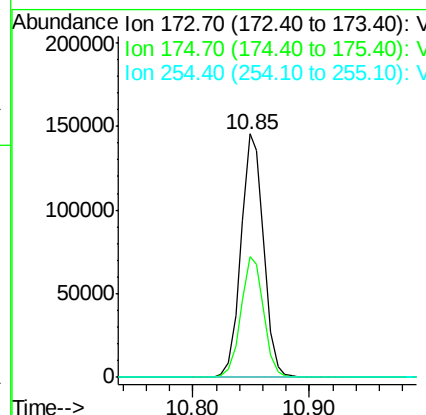
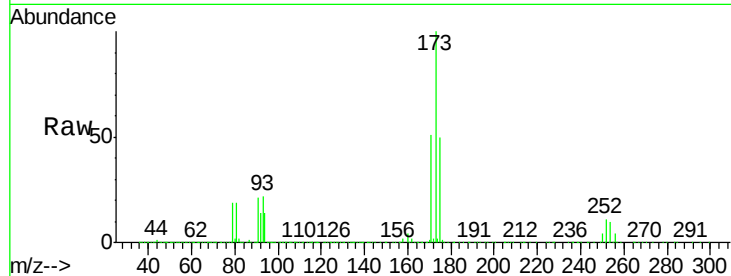
#71
Bromoform
Concen: 52.401 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.2	0.2	0.2

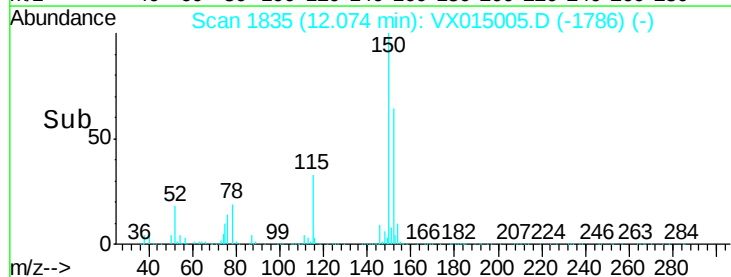
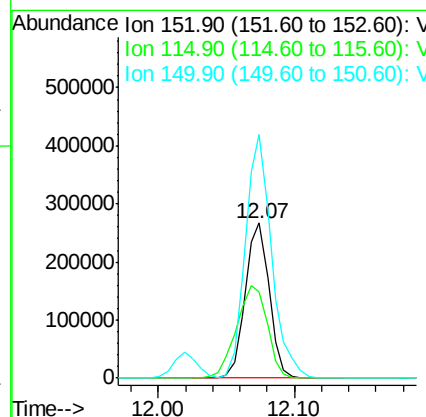
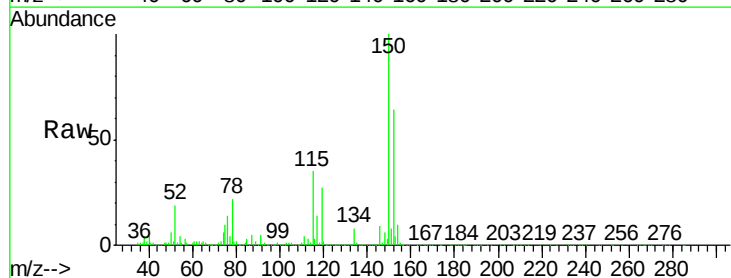
Manual Integrations
APPROVED

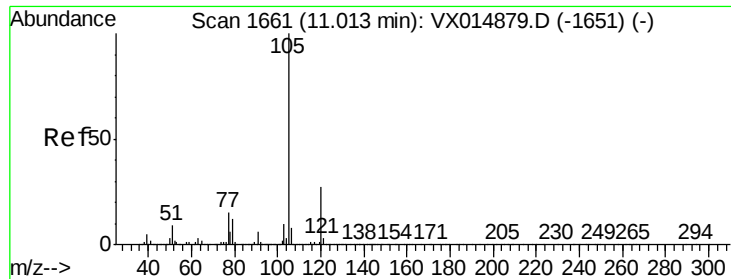
MMDadoda
2/27/2020 10:48:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.3	38.6	116.0
150	172.1	0.0	349.0





#73

Isopropylbenzene

Concen: 52.367 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1073178

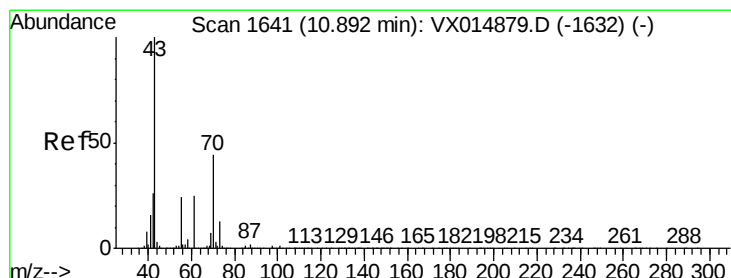
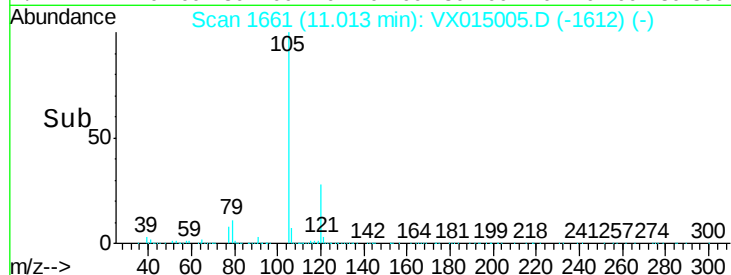
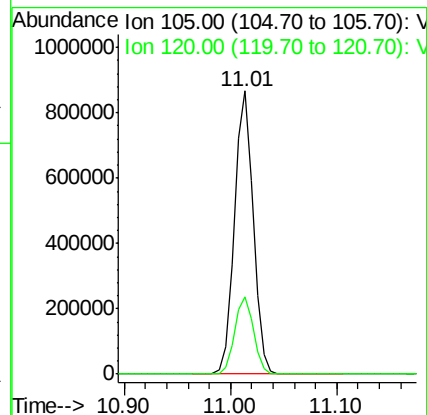
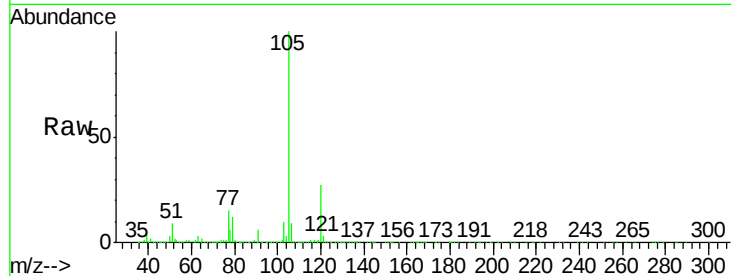
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:48:06 AM



#74

N-ethyl acetate

Concen: 54.430 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion: 43 Resp: 463482

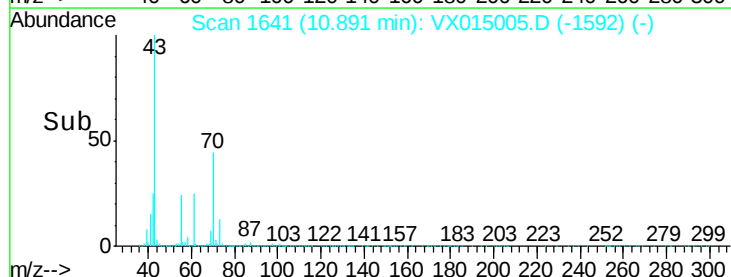
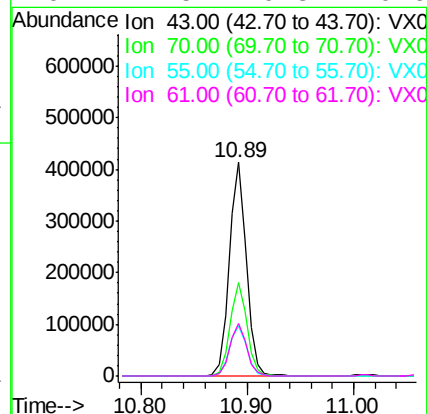
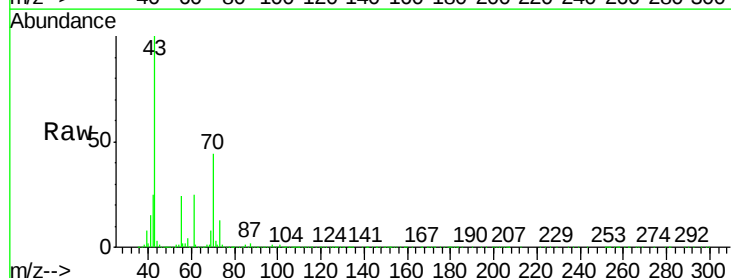
Ion Ratio Lower Upper

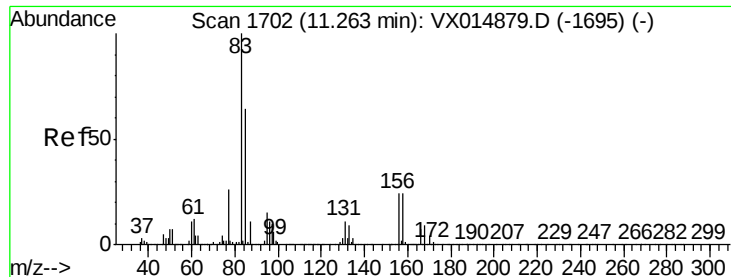
43 100

70 43.4 35.0 52.4

55 24.1 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.243 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

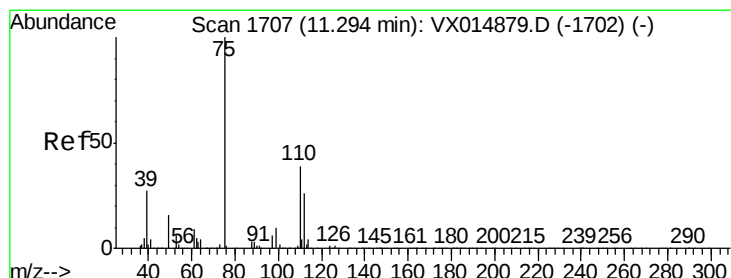
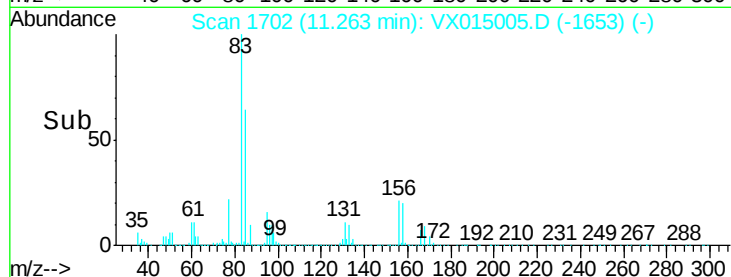
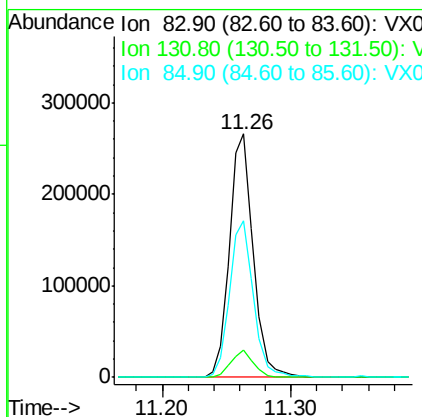
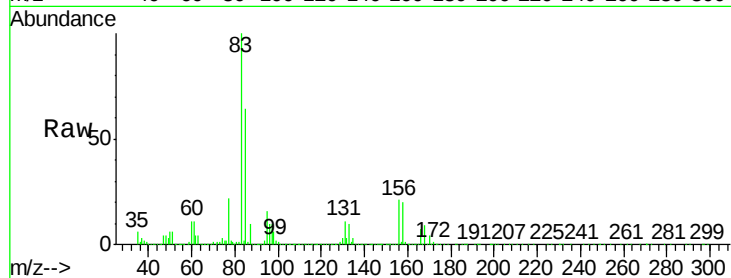
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	343281
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.8	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.759 ug/l m

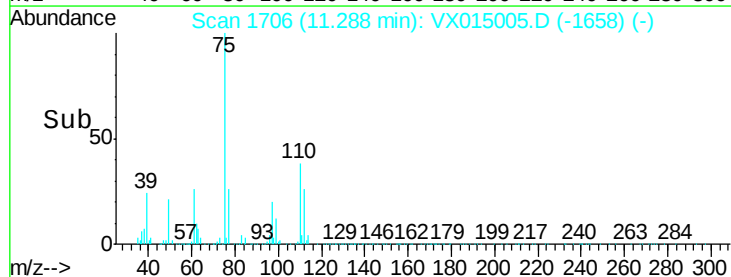
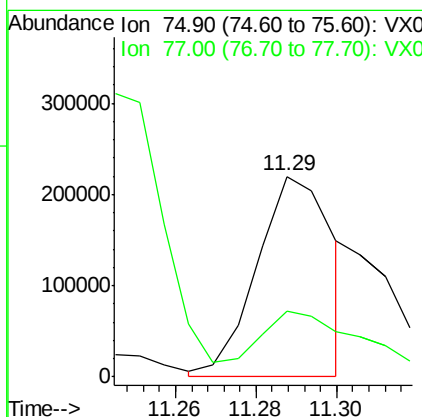
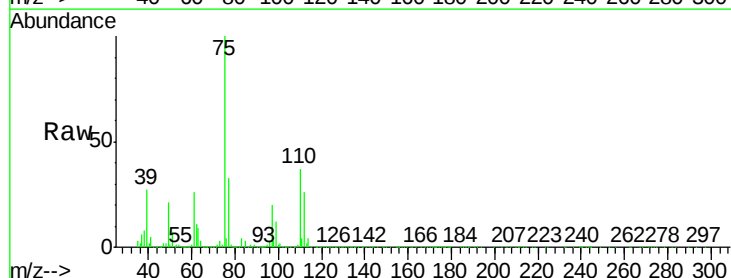
RT: 11.29 min Scan# 1706

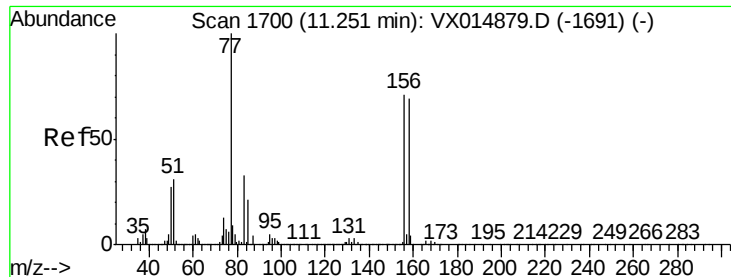
Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	75	Resp:	288137
Ion Ratio	Lower	Upper	
75	100		
77	45.4	18.4	55.0





#77

Bromobenzene

Concen: 49.704 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

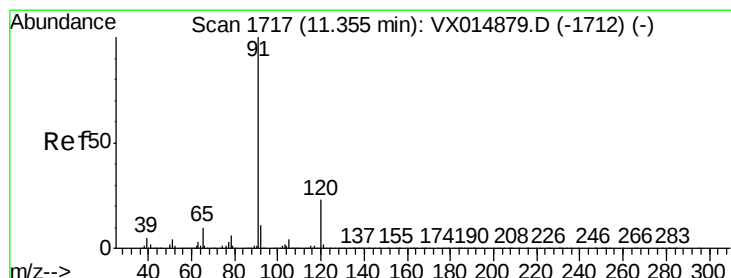
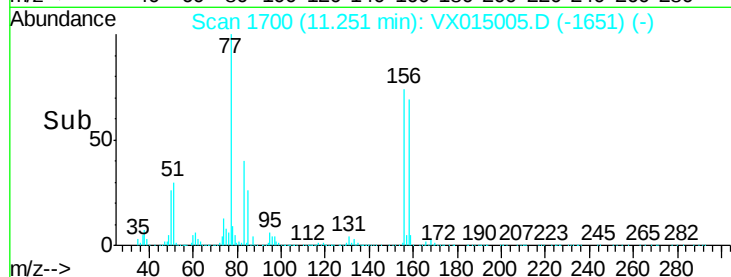
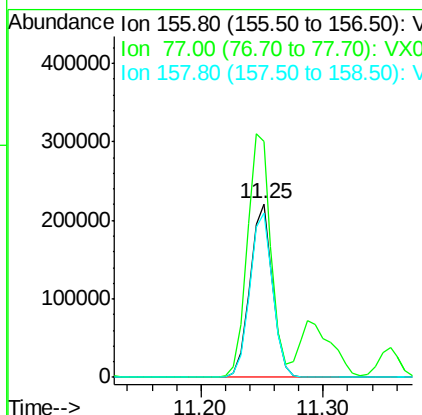
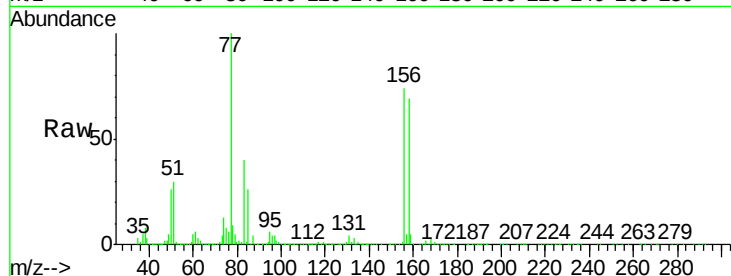
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	284306
Ion Ratio	Lower	Upper	
156	100		
77	145.4	74.0	222.0
158	96.2	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.551 ug/l

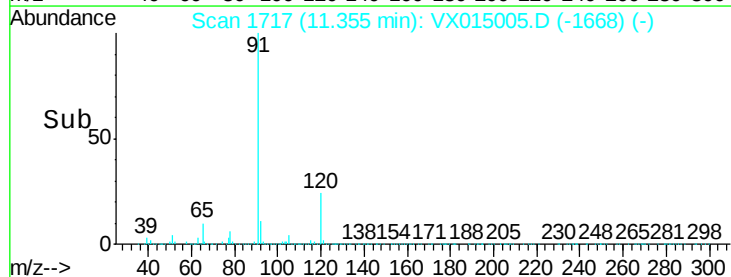
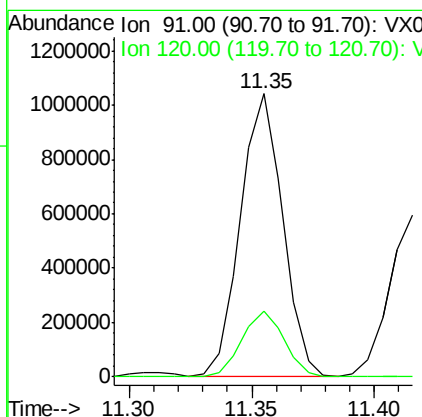
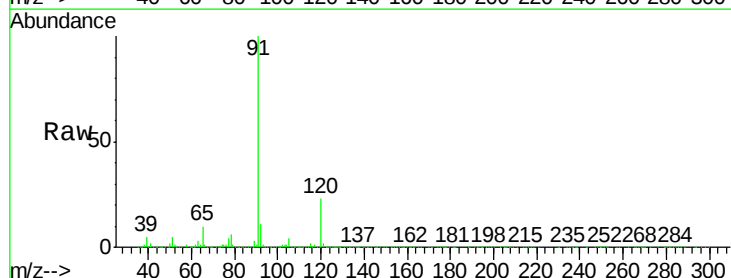
RT: 11.35 min Scan# 1717

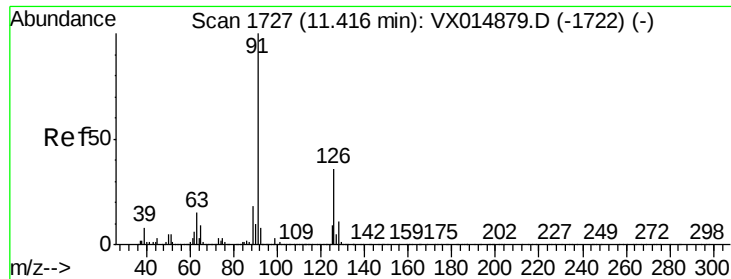
Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	91	Resp:	1245598
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





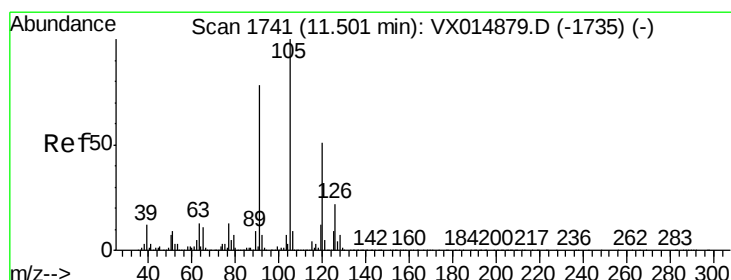
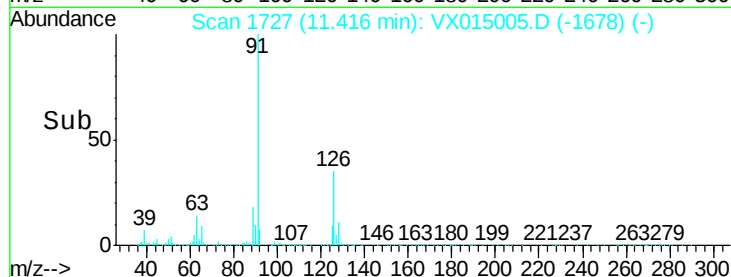
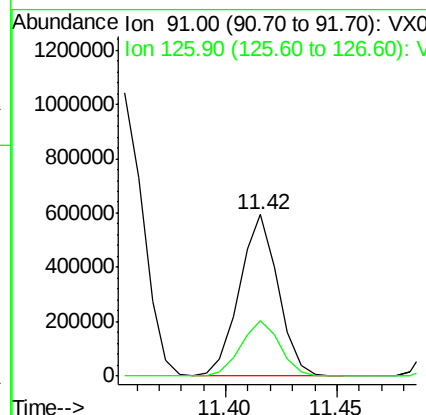
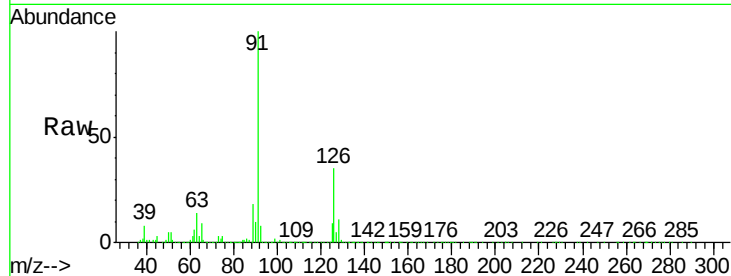
#79
2-Chlorotoluene
Concen: 51.319 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 715112
Ion Ratio Lower Upper
91 100
126 35.2 18.0 54.0

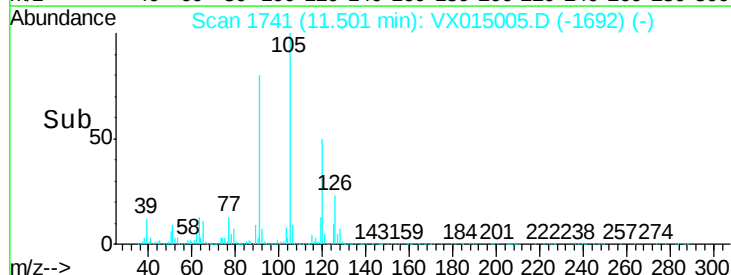
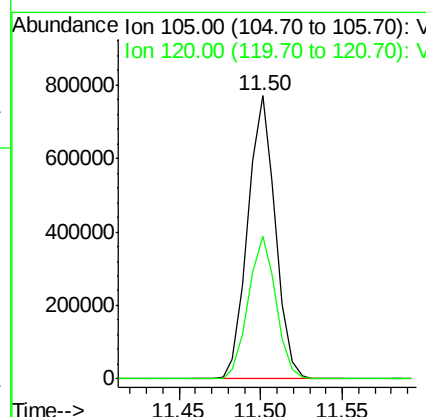
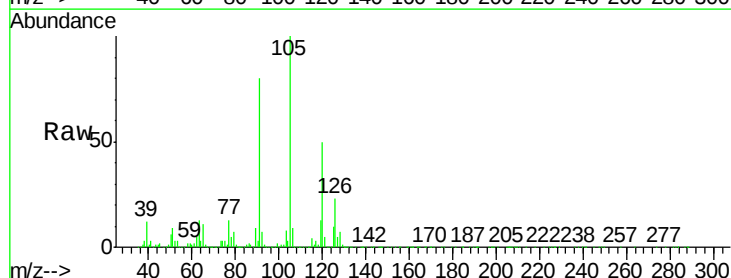
Manual Integrations
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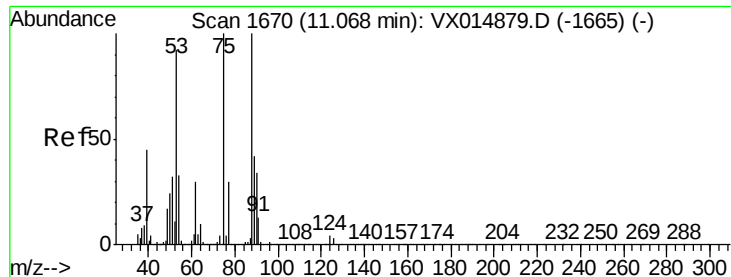
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#80
1,3,5-Trimethylbenzene
Concen: 52.805 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion: 105 Resp: 904212
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.6





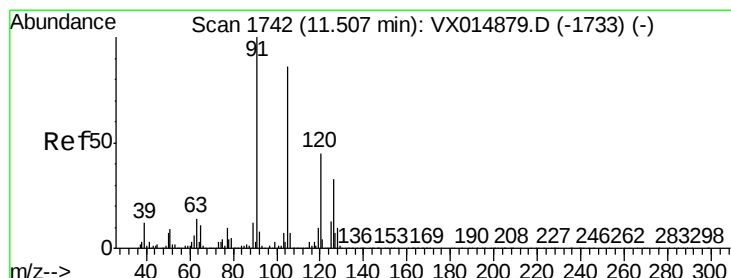
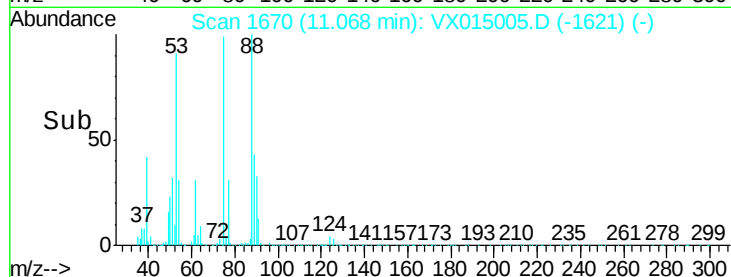
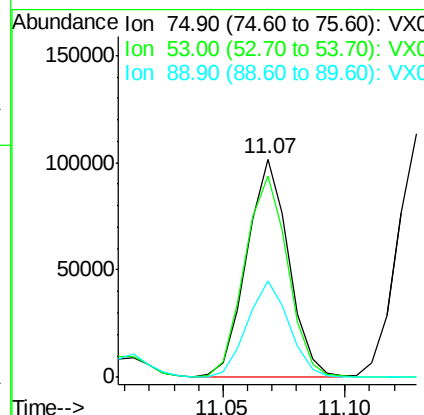
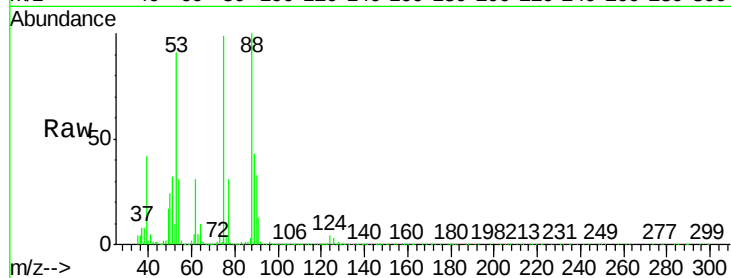
#81
trans-1,4-Dichloro-2-butene
Concen: 51.952 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	76.2	114.2
89	44.6	35.8	53.6

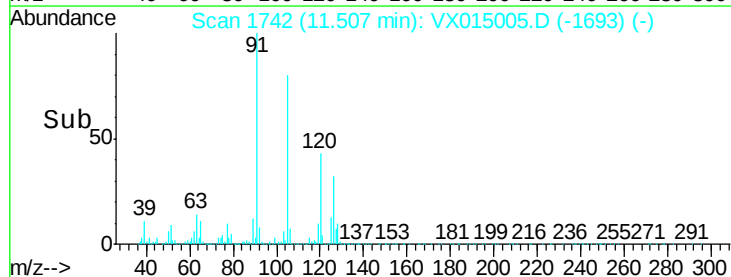
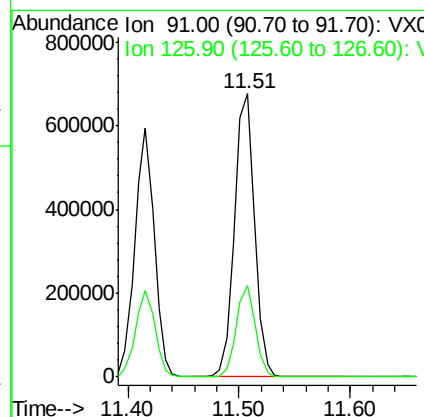
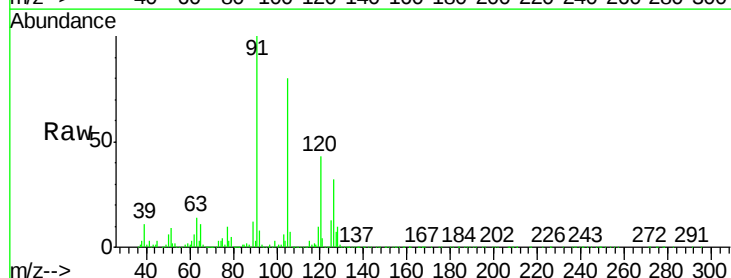
Manual Integrations
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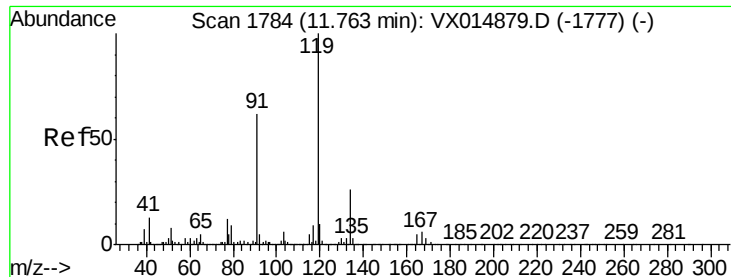
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.958 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





#83

tert-Butylbenzene

Concen: 52.967 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

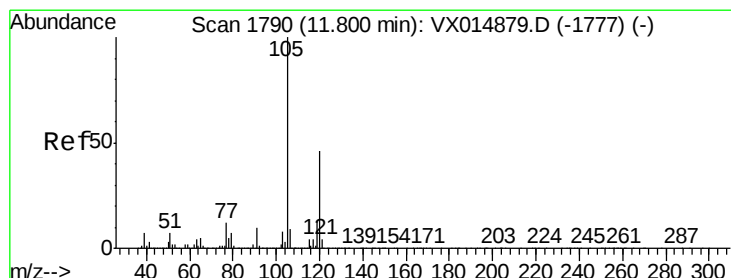
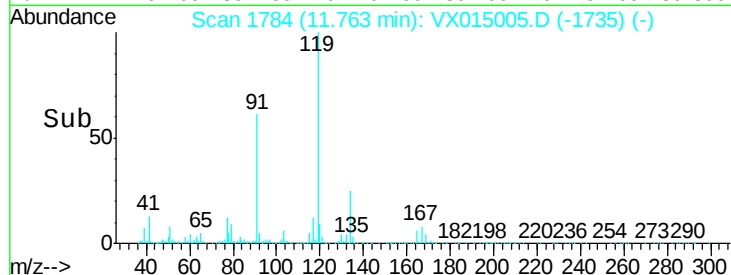
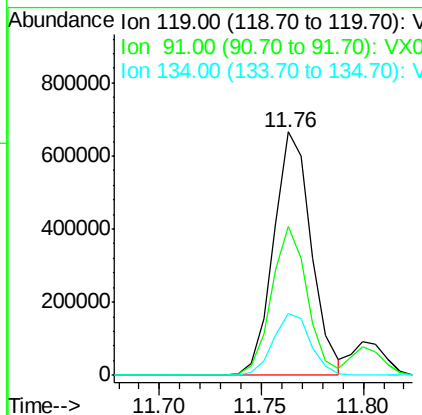
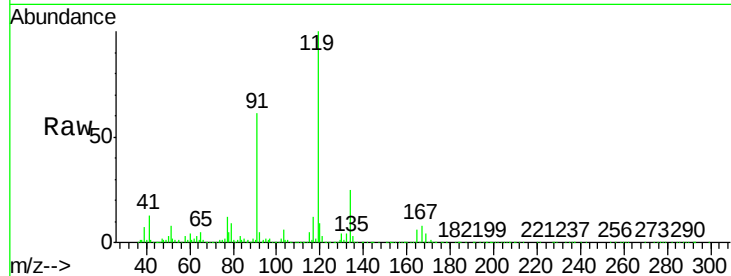
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	858881
Ion Ratio	Lower	Upper	
119	100		
91	57.8	29.5	88.6
134	25.0	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 52.754 ug/l

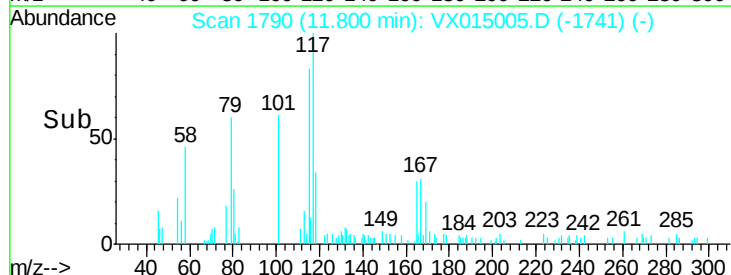
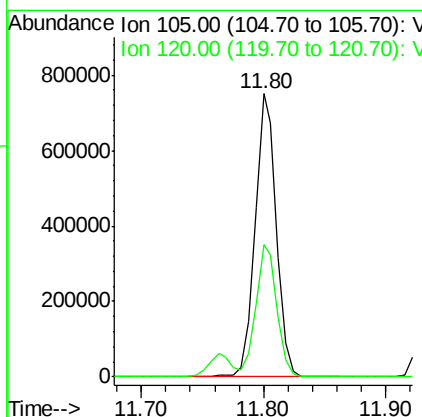
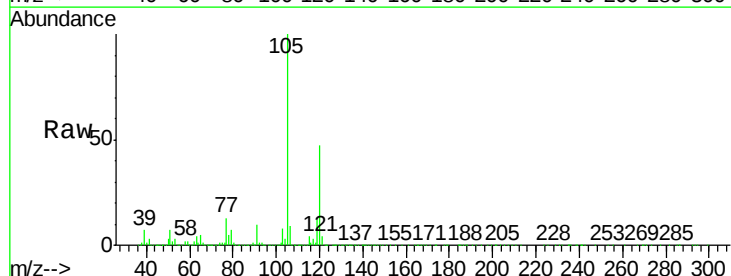
RT: 11.80 min Scan# 1790

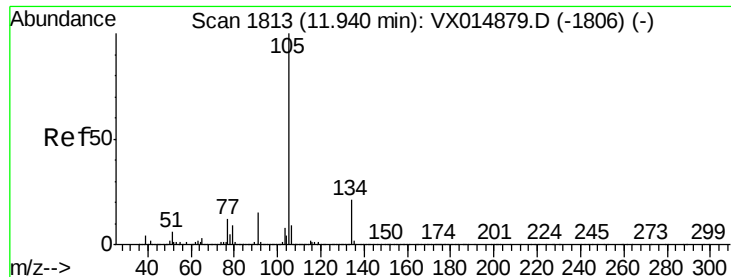
Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion:	105	Resp:	910351
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.0	69.0





#85

sec-Butylbenzene

Concen: 53.392 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1075526

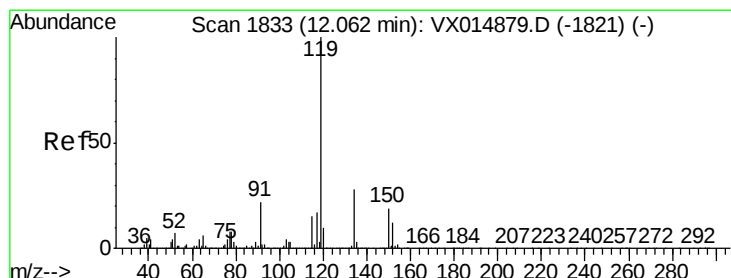
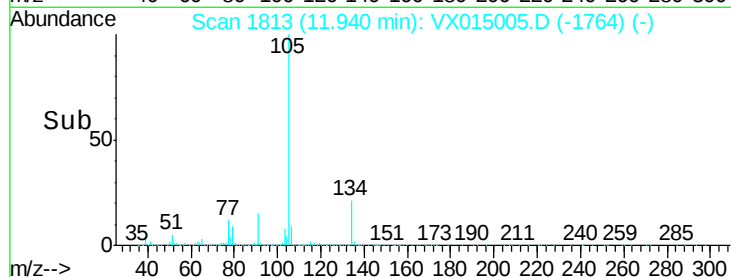
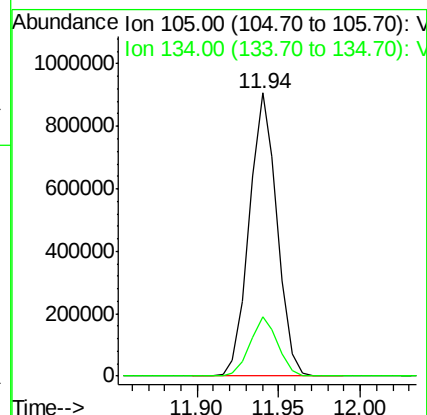
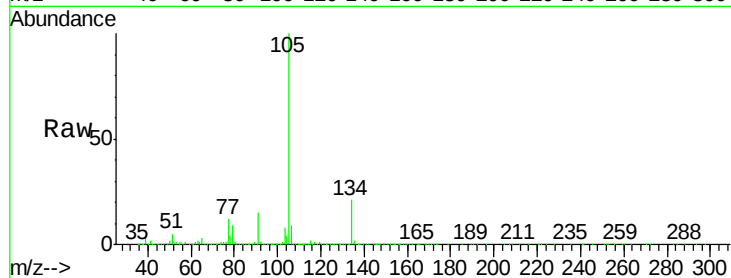
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 53.252 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

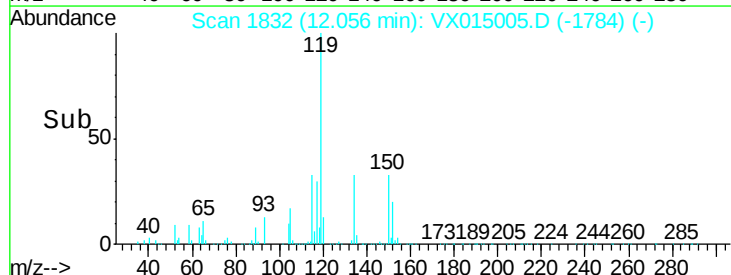
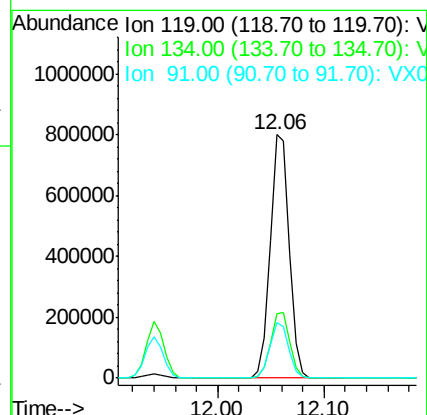
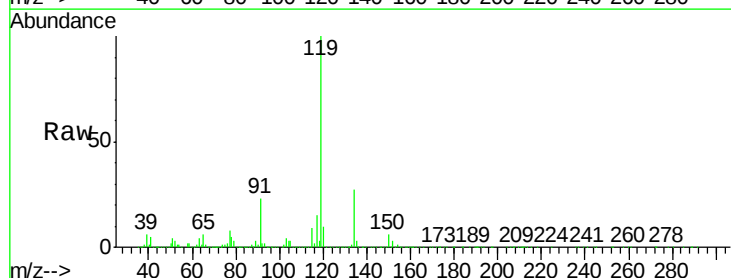
Tgt Ion:119 Resp: 1003826

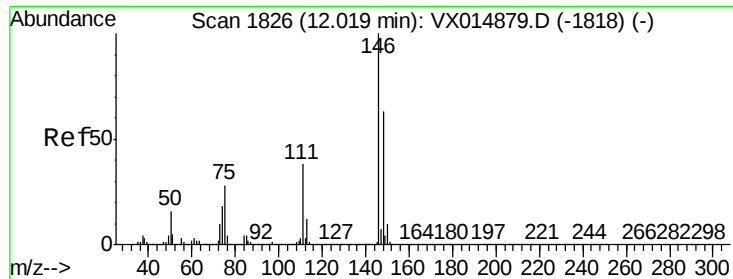
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.347 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

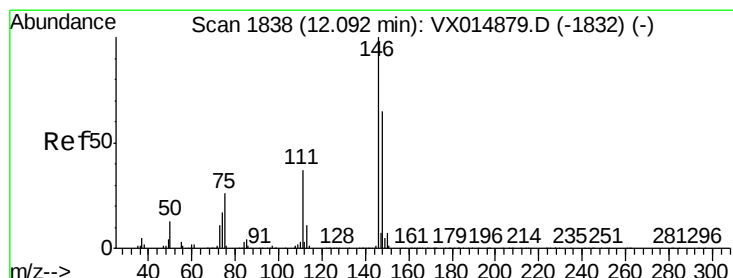
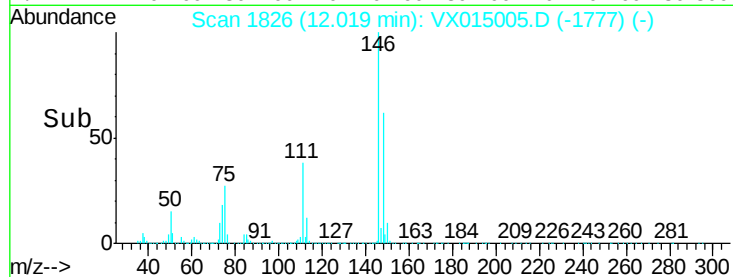
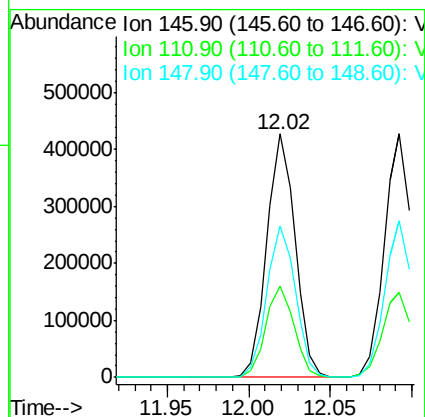
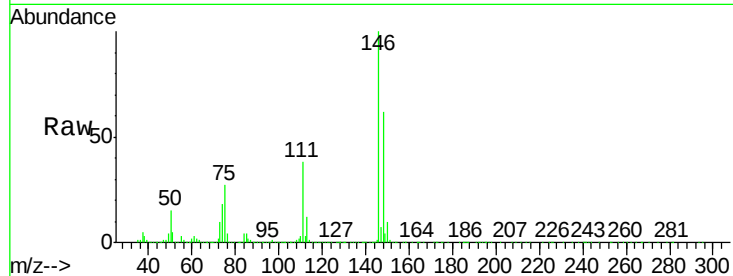
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	63.1	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.345 ug/l

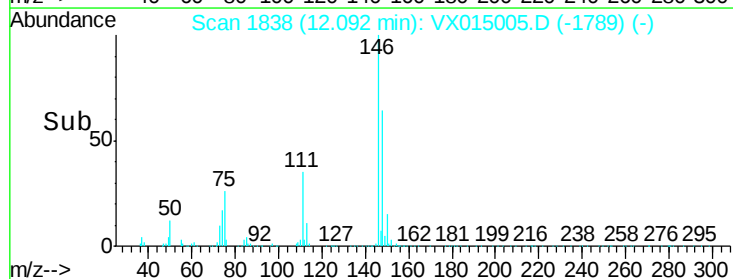
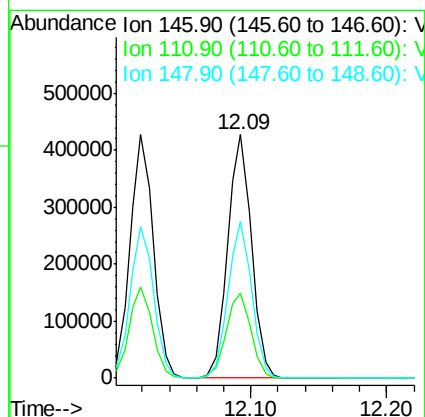
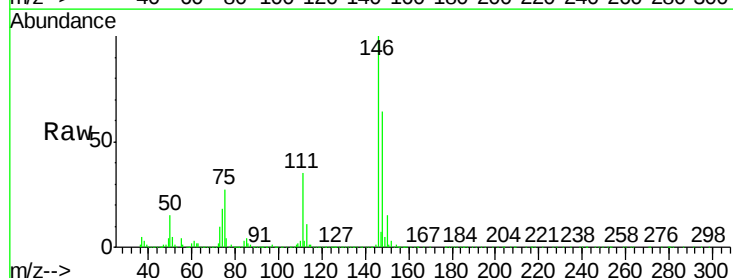
RT: 12.09 min Scan# 1838

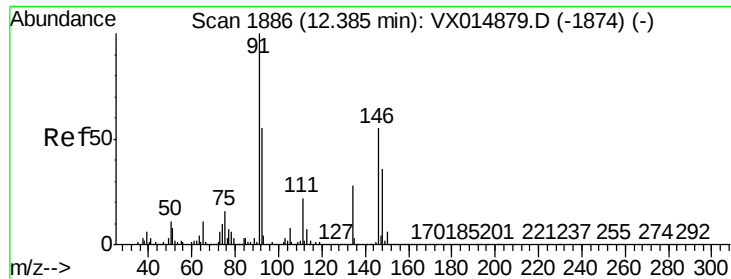
Delta R.T. -0.00 min

Lab File: VX015005.D

Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	64.0	32.4	97.0





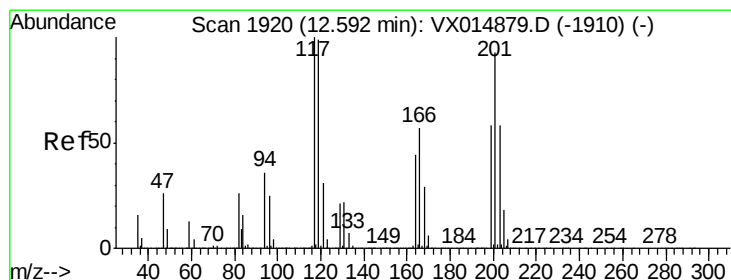
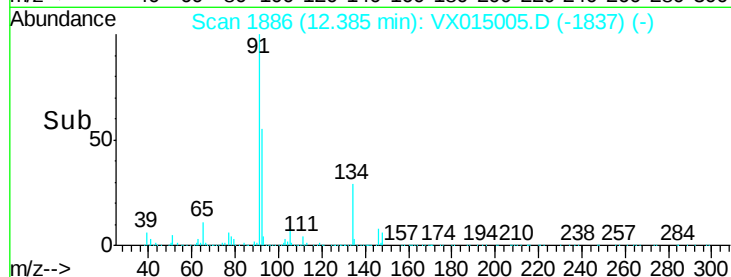
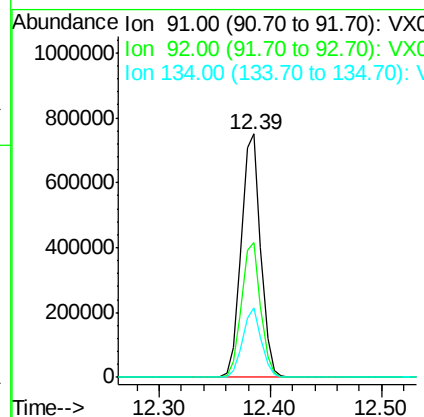
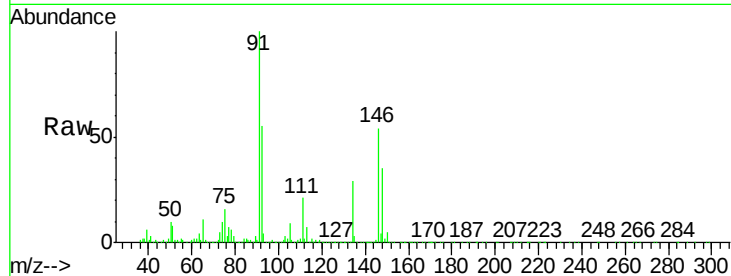
#89
n-Butylbenzene
Concen: 53.333 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	900396		
92	54.8		27.3	81.8
134	27.3		13.8	41.4

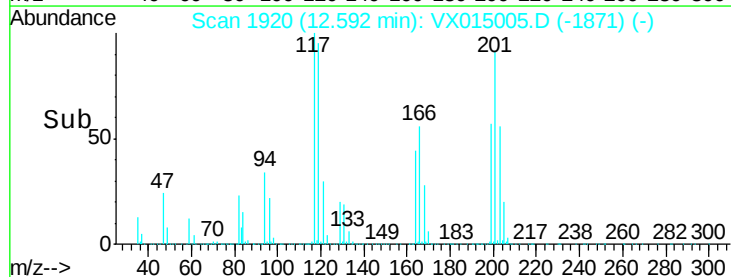
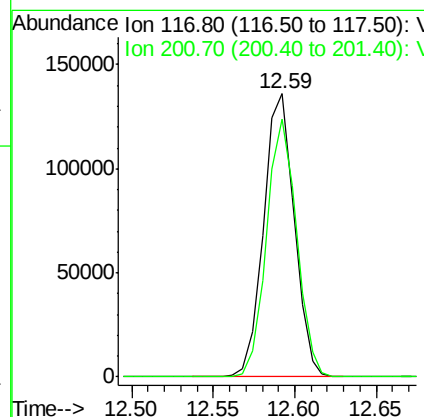
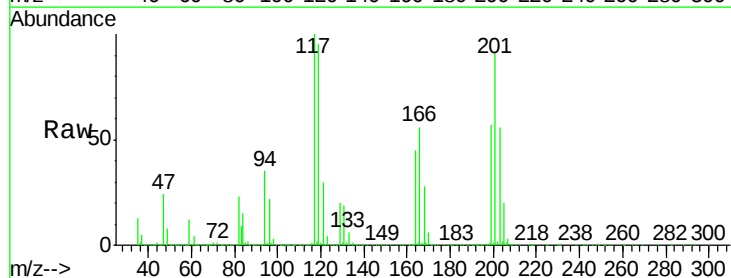
Manual Integrations
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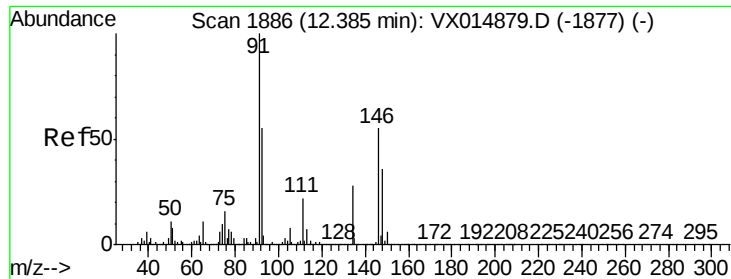
MMDadoda
2/27/2020 10:48:06 AM



#90
Hexachloroethane
Concen: 53.877 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177358		
201	88.9		44.8	134.3





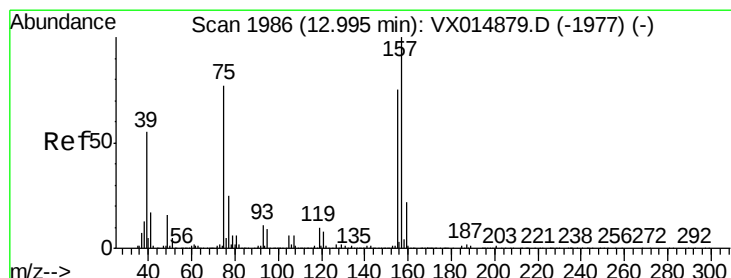
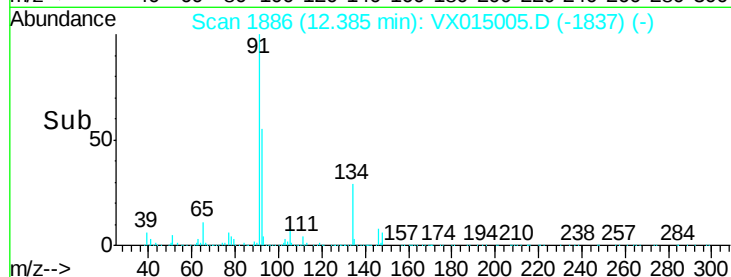
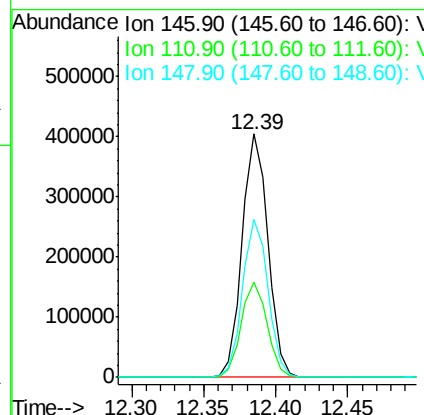
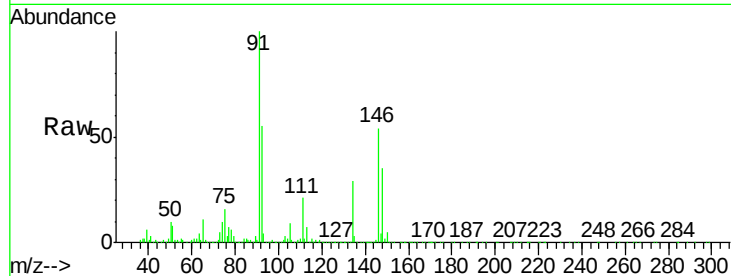
#91
 1,2-Dichlorobenzene
 Concen: 50.208 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	64.2	32.4	97.2

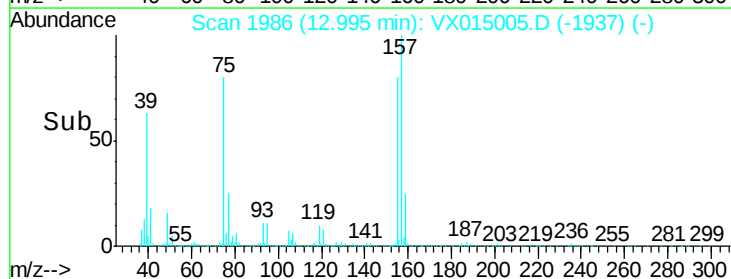
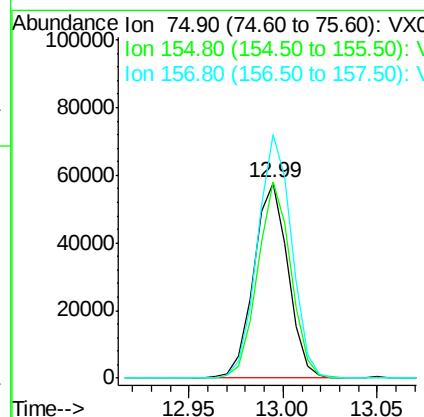
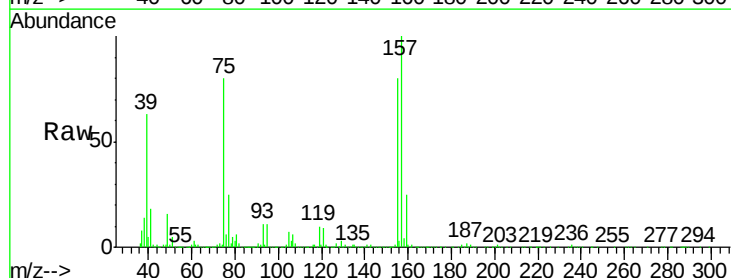
Manual Integrations
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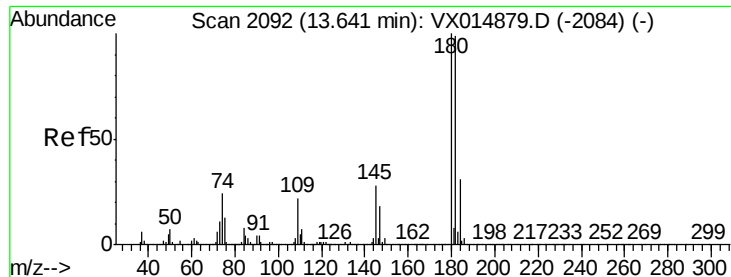
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.773 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.6	145.9
157	126.2	62.0	186.0





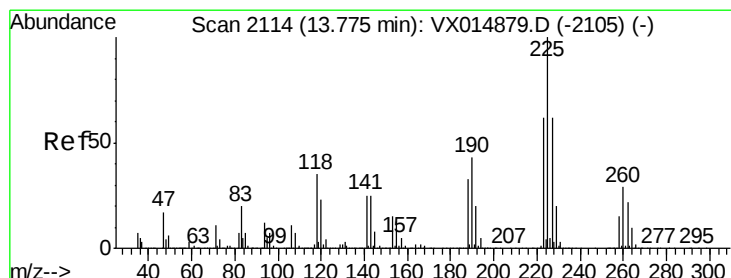
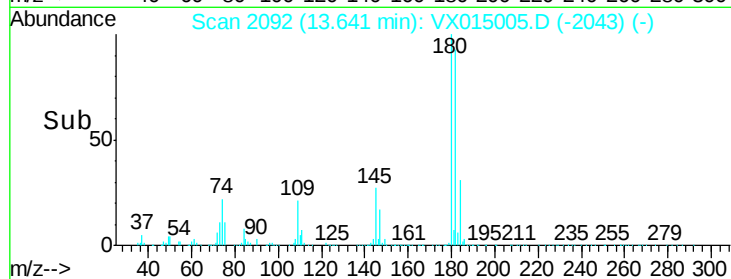
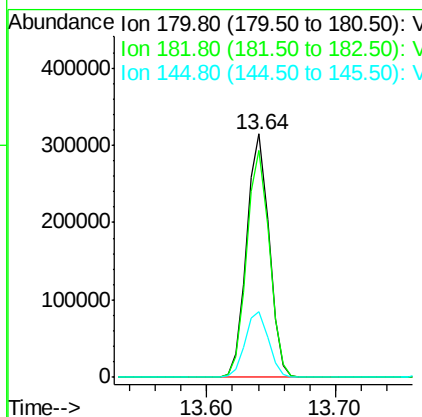
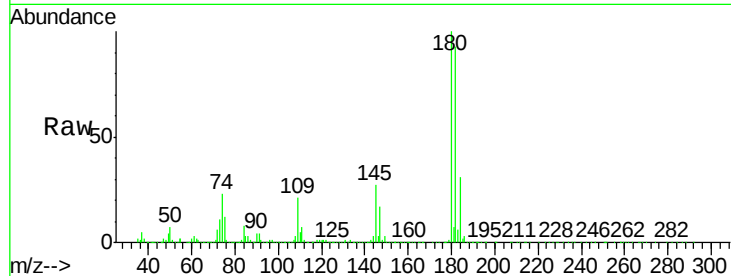
#93
 1,2,4-Trichlorobenzene
 Concen: 50.528 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	375307		
182	94.4	48.4	145.3	
145	27.9	14.1	42.4	

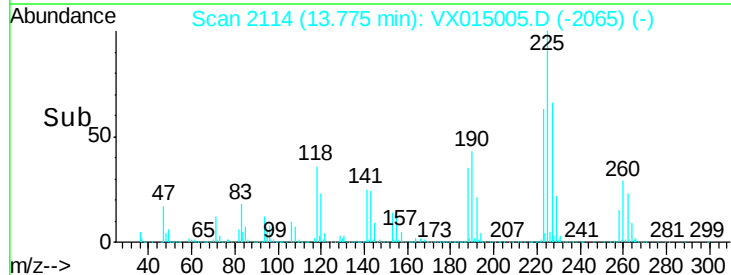
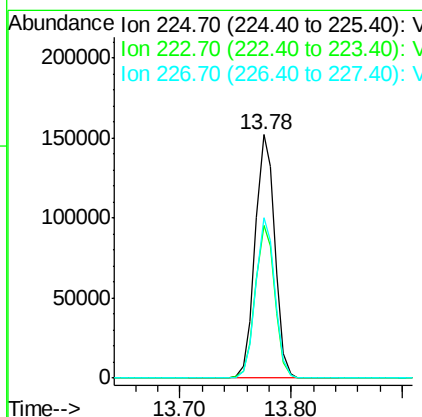
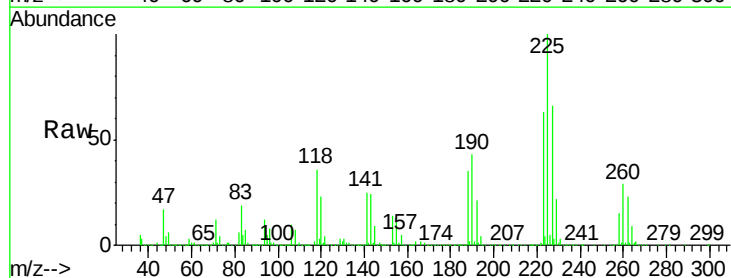
Manual Integrations
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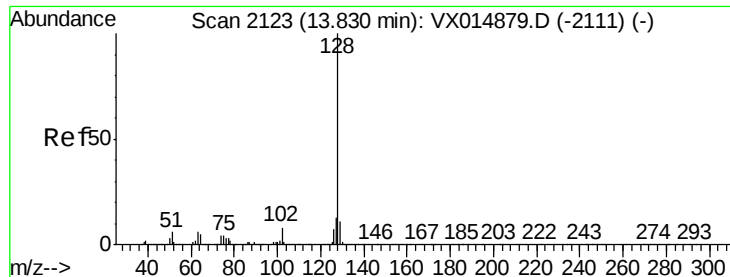
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#94
 Hexachlorobutadiene
 Concen: 52.279 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015005.D
 Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187816		
223	62.1	31.1	93.2	
227	64.1	30.9	92.5	





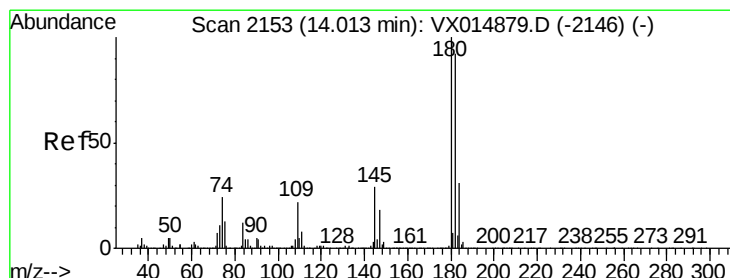
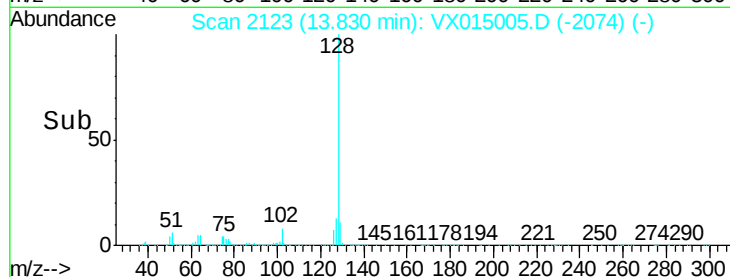
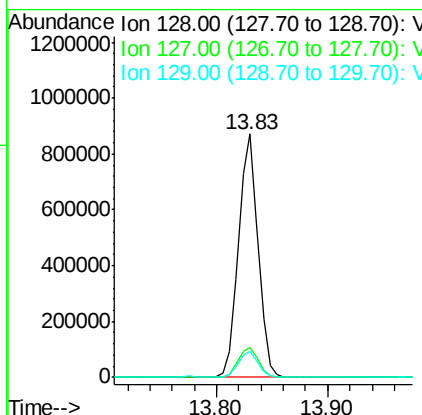
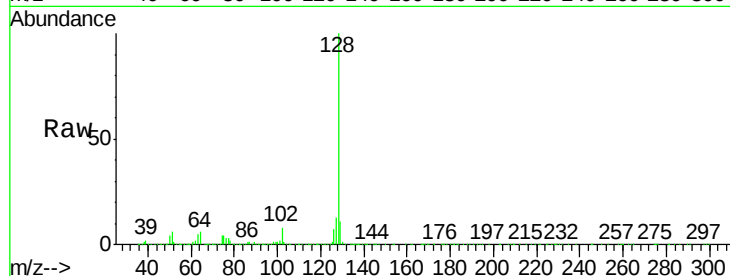
#95
Naphthalene
Concen: 53.434 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.741 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015005.D
Acq: 26 Feb 2020 08:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	29.4	14.5	43.5

