

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014711.D
 Acq On : 24 Jan 2020 20:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:51 AM

Quant Time: Jan 24 23:52:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	659652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	600018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	249553	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	203391	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	787844	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	279284	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282328	48.637	ug/l	99
3) Chloromethane	1.32	50	285029	48.704	ug/l	99
4) Vinyl Chloride	1.40	62	331608	52.406	ug/l	99
5) Bromomethane	1.63	94	205049	47.709	ug/l	100
6) Chloroethane	1.72	64	175009	48.295	ug/l	97
7) Trichlorofluoromethane	1.92	101	361450	49.058	ug/l	99
8) Diethyl Ether	2.18	74	153710	47.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209794	48.505	ug/l	99
10) Methyl Iodide	2.50	142	296922	52.318	ug/l	99
11) Tert butyl alcohol	3.03	59	250508	220.877	ug/l	100
12) 1,1-Dichloroethene	2.37	96	208559	48.498	ug/l	98
13) Acrolein	2.28	56	321482	359.498	ug/l	98
14) Allyl chloride	2.72	41	376334	48.687	ug/l	100
15) Acrylonitrile	3.13	53	641231	244.356	ug/l	100
16) Acetone	2.44	43	545229	196.962	ug/l	98
17) Carbon Disulfide	2.56	76	555320	47.248	ug/l	100
18) Methyl Acetate	2.76	43	401045	50.747	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	702763	49.893	ug/l	100
20) Methylene Chloride	2.85	84	239718	46.791	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	224528	47.419	ug/l	98
22) Diisopropyl ether	3.84	45	767026	49.877	ug/l	98
23) Vinyl Acetate	3.80	43	2280358	194.522	ug/l	100
24) 1,1-Dichloroethane	3.69	63	415833	49.791	ug/l	99
25) 2-Butanone	4.66	43	887678	223.778	ug/l	98
26) 2,2-Dichloropropane	4.57	77	304505	45.552	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	257777	48.643	ug/l	99
28) Bromochloromethane	5.01	49	162348	44.237	ug/l	100
29) Tetrahydrofuran	5.11	42	579302	246.055	ug/l	99
30) Chloroform	5.20	83	403068	48.719	ug/l	99
31) Cyclohexane	5.57	56	382195	48.655	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342537	48.982	ug/l	98
36) 1,1-Dichloropropene	5.79	75	307575	50.180	ug/l	99
37) Ethyl Acetate	4.82	43	341188	48.600	ug/l	98
38) Carbon Tetrachloride	5.78	117	291903	49.865	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	376359	49.013	ug/l	97
40) Benzene	6.14	78	938636	49.561	ug/l	100
41) Methacrylonitrile	5.03	41	193275	48.248	ug/l	98
42) 1,2-Dichloroethane	6.18	62	326036	49.852	ug/l	100
43) Isopropyl Acetate	6.43	43	566904	49.313	ug/l	100
44) Trichloroethene	7.21	130	269933	50.459	ug/l	99
45) 1,2-Dichloropropane	7.51	63	246379	50.497	ug/l	98
46) Dibromomethane	7.65	93	158083	50.027	ug/l	98
47) Bromodichloromethane	7.89	83	313655	50.608	ug/l	98
48) Methyl methacrylate	7.76	41	285649	52.005	ug/l	99
49) 1,4-Dioxane	7.73	88	110042	945.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1800085	248.091	ug/l	100
52) Toluene	8.78	92	592031	50.854	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	343381	51.455	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	380085	51.773	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	243112	51.005	ug/l	99
56) Ethyl methacrylate	9.17	69	383551	47.556	ug/l	100
57) 1,3-Dichloropropane	9.37	76	407720	50.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	627864	261.930	ug/l	100
59) 2-Hexanone	9.48	43	1353072	240.317	ug/l	99
60) Dibromochloromethane	9.58	129	254036	51.061	ug/l	100
61) 1,2-Dibromoethane	9.67	107	254152	50.432	ug/l	98
64) Tetrachloroethene	9.33	164	370793	62.429	ug/l	97
65) Chlorobenzene	10.14	112	632548	49.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	238343	50.368	ug/l	99
67) Ethyl Benzene	10.25	91	1121073	51.158	ug/l	100
68) m/p-Xylenes	10.35	106	863831	104.051	ug/l	99
69) o-Xylene	10.70	106	413993	51.654	ug/l	98
70) Styrene	10.71	104	712506	52.996	ug/l	100
71) Bromoform	10.85	173	192423	51.135	ug/l #	99
73) Isopropylbenzene	11.01	105	1096434	51.863	ug/l	100
74) N-amyl acetate	10.89	43	501422	54.124	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	338917	44.899	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	354862m	50.729	ug/l	
77) Bromobenzene	11.25	156	287437	50.609	ug/l	98
78) n-propylbenzene	11.35	91	1251730	52.161	ug/l	100
79) 2-Chlorotoluene	11.42	91	734352	50.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	922392	52.569	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	121490	49.424	ug/l	99
82) 4-Chlorotoluene	11.51	91	847128	51.248	ug/l	100
83) tert-Butylbenzene	11.76	119	777193	47.137	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	929427	52.809	ug/l	99
85) sec-Butylbenzene	11.94	105	1050431	52.005	ug/l	100
86) p-Isopropyltoluene	12.06	119	984902	52.763	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	501294	49.113	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	499980	48.901	ug/l	99
89) n-Butylbenzene	12.38	91	843836	51.904	ug/l	99
90) Hexachloroethane	12.59	117	171432	49.444	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	506609	49.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76331	47.066	ug/l	93

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ClientSampleId :
VSTDCCC050EC

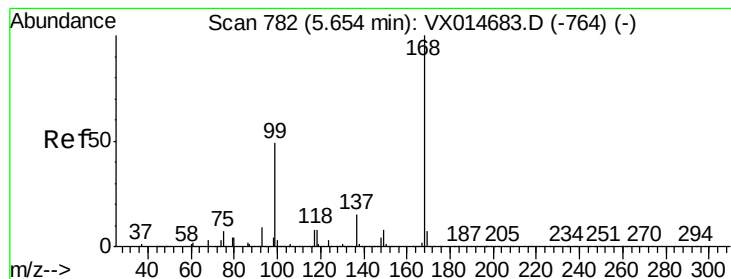
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	343032	52.484	ug/l	98
94) Hexachlorobutadiene	13.77	225	169144	50.281	ug/l	99
95) Naphthalene	13.83	128	1032005	48.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	342575	51.836	ug/l	97

(#) = 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: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 432593

Ion Ratio Lower Upper

168 100

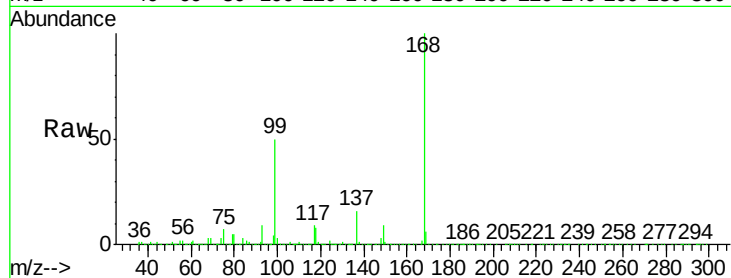
99 50.1 39.8 59.6

Manual Integrations

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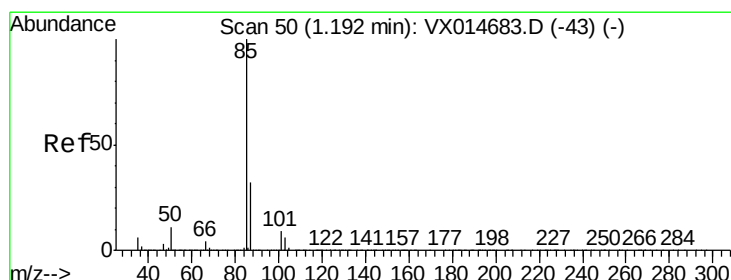
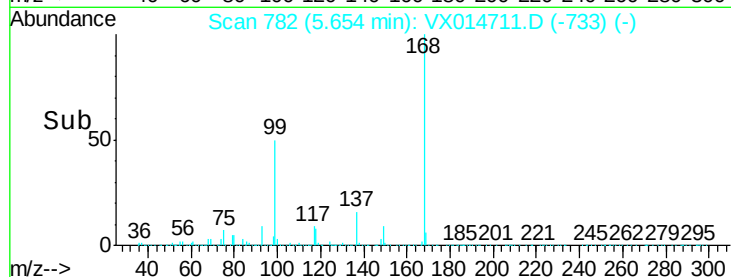
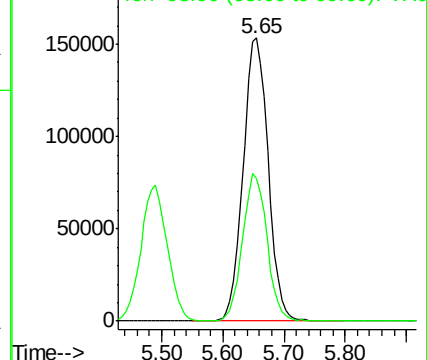
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.637 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014711.D

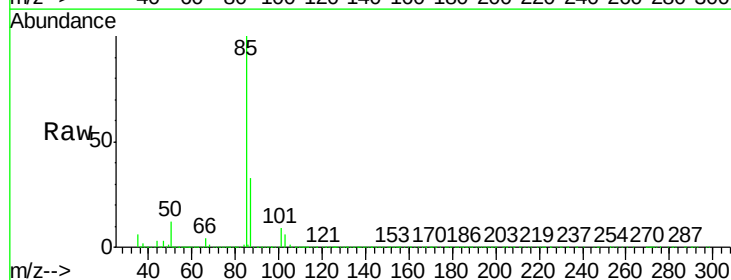
Acq: 24 Jan 2020 20:49

Tgt Ion: 85 Resp: 282328

Ion Ratio Lower Upper

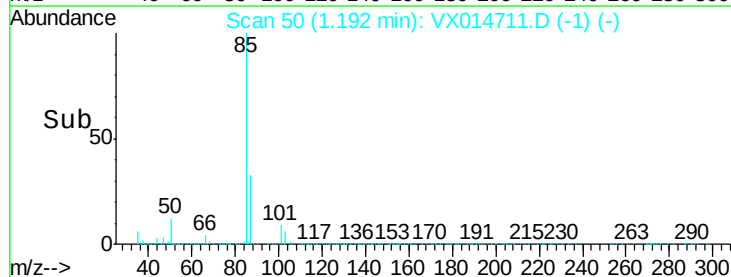
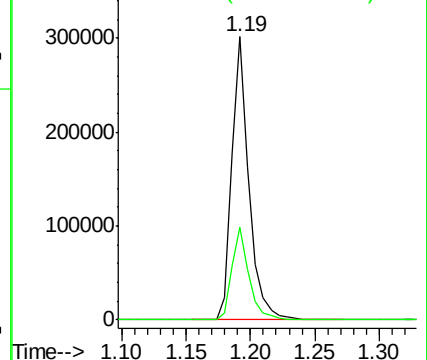
85 100

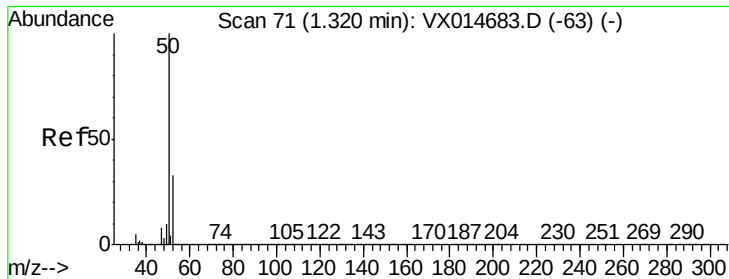
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.704 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 285029

Ion Ratio Lower Upper

50 100

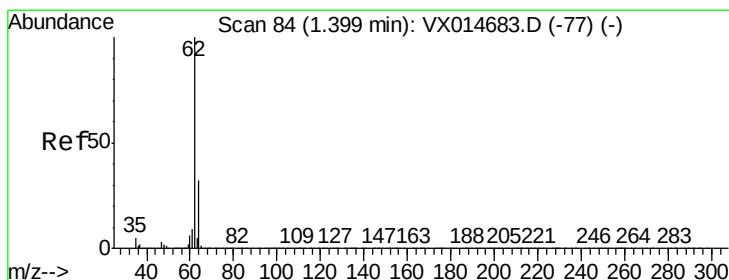
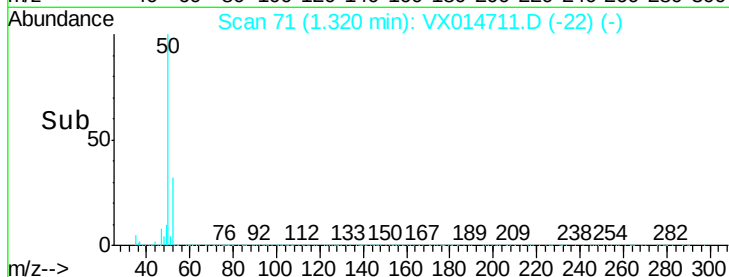
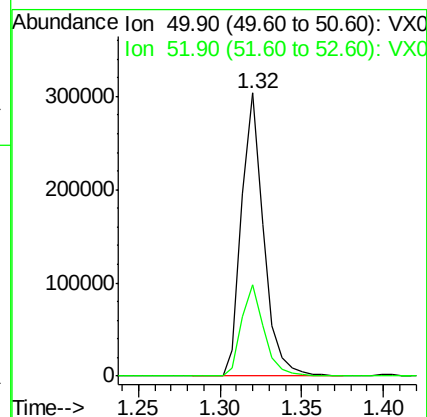
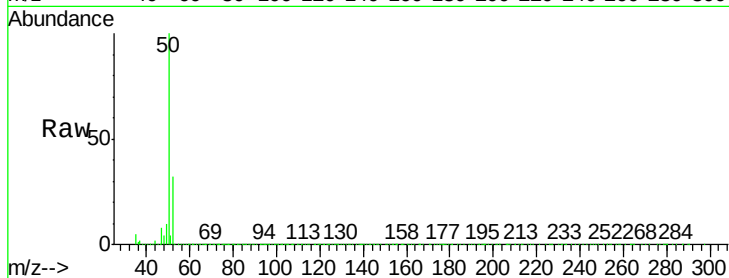
52 32.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 52.406 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014711.D

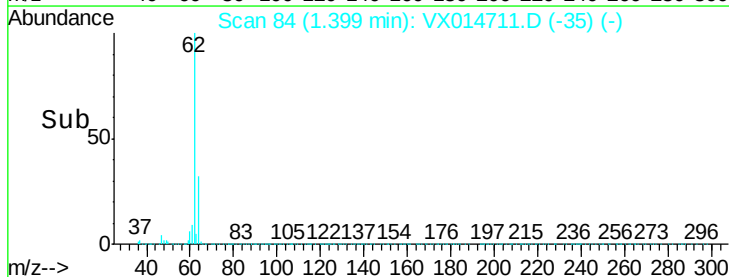
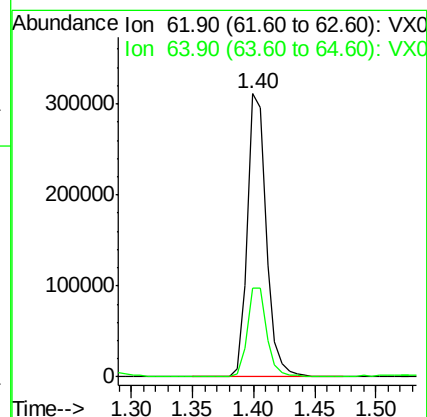
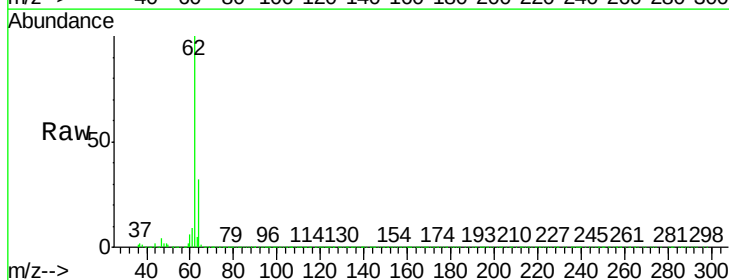
Acq: 24 Jan 2020 20:49

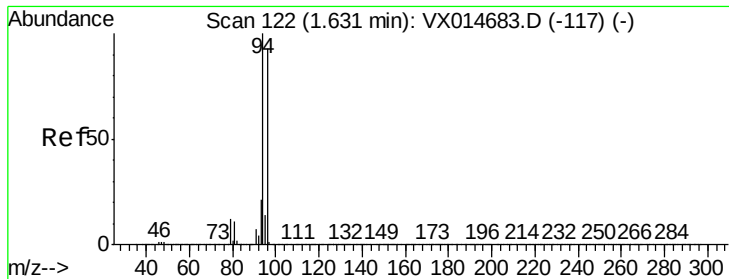
Tgt Ion: 62 Resp: 331608

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 205049

Ion Ratio Lower Upper

94 100

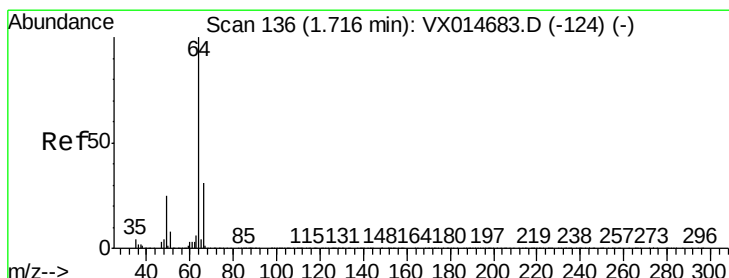
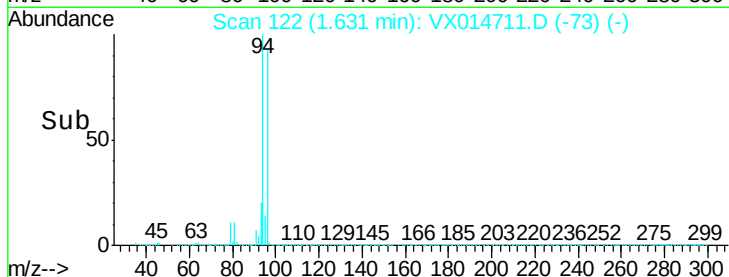
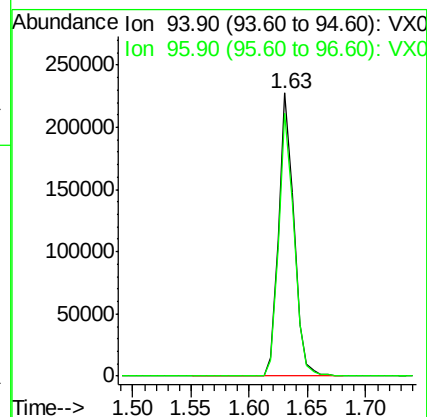
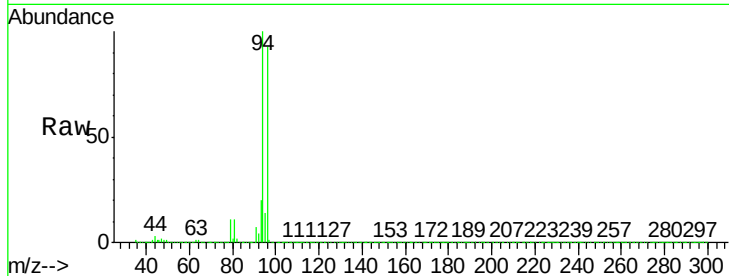
96 93.1 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.295 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014711.D

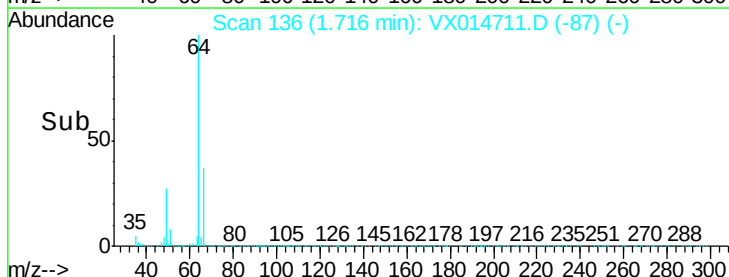
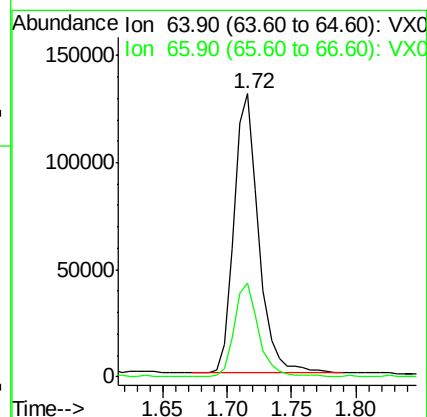
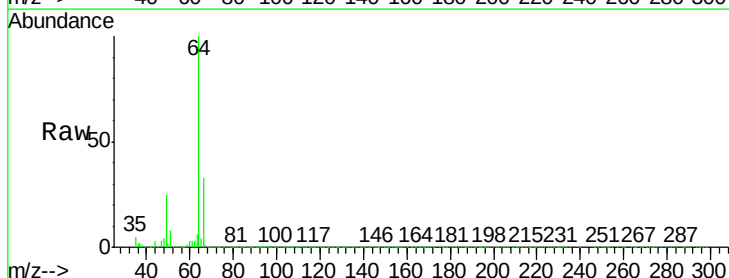
Acq: 24 Jan 2020 20:49

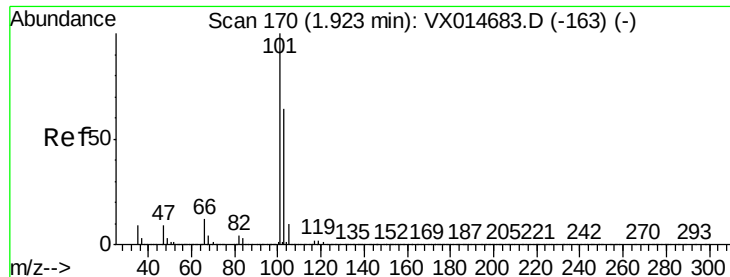
Tgt Ion: 64 Resp: 175009

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8





#7

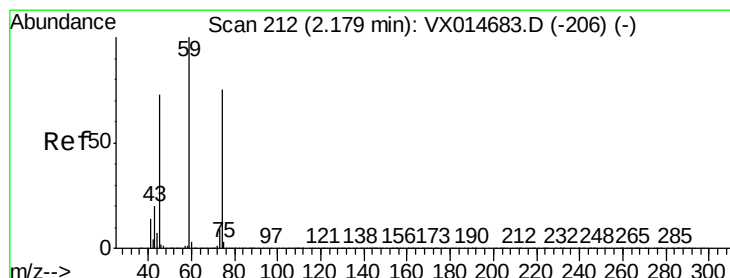
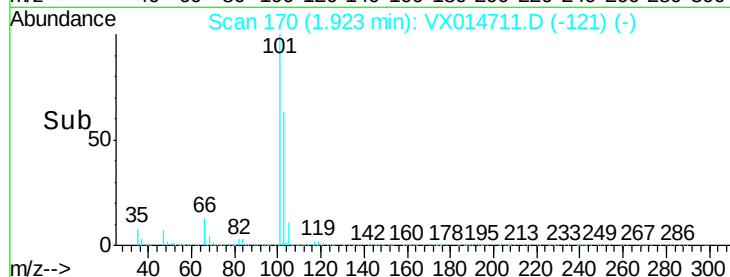
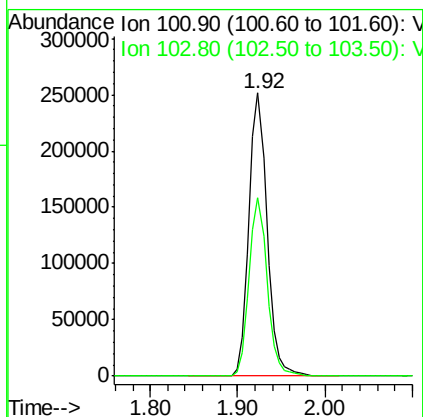
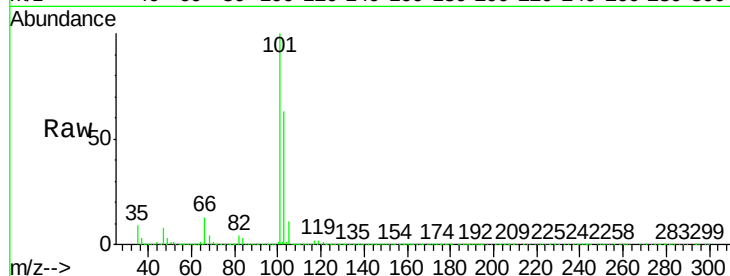
Trichlorofluoromethane
Concen: 49.058 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.6

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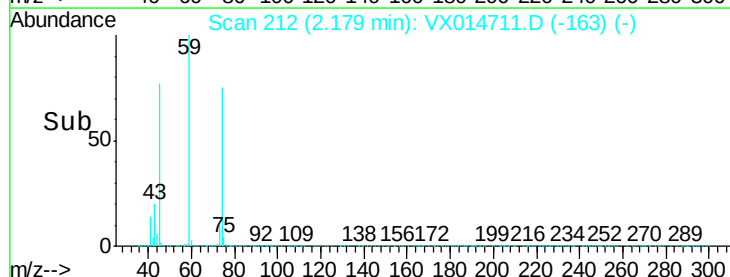
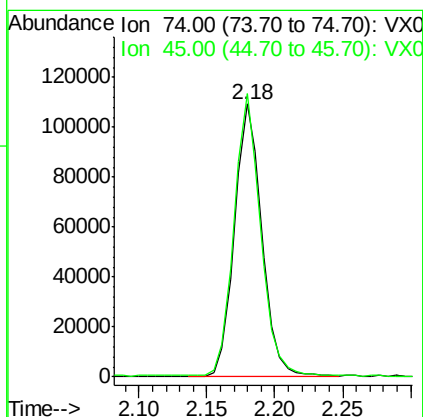
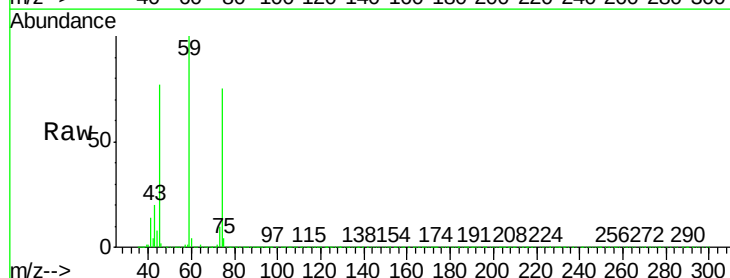
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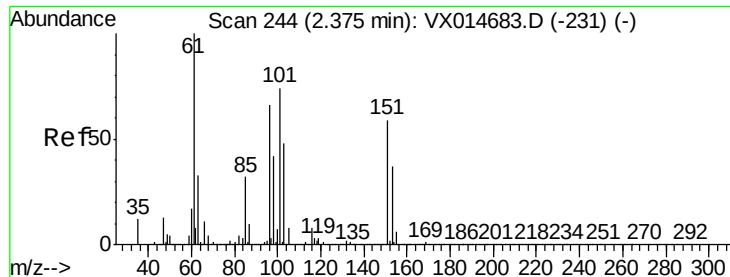


#8

Diethyl Ether
Concen: 47.797 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.505 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

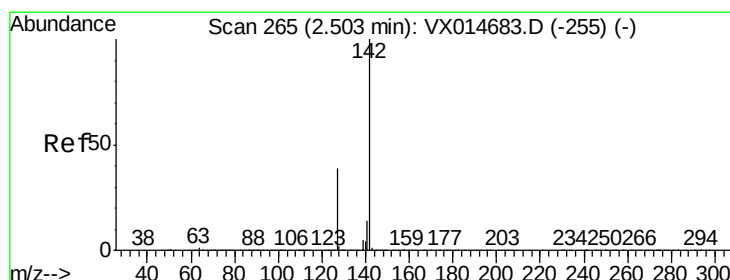
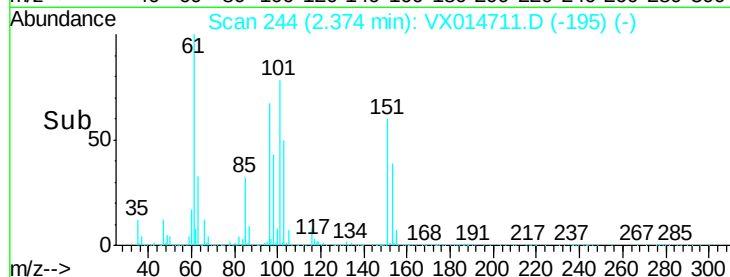
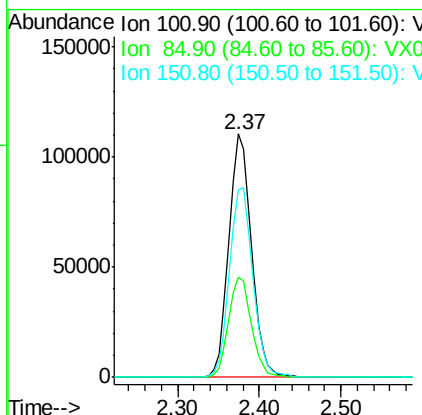
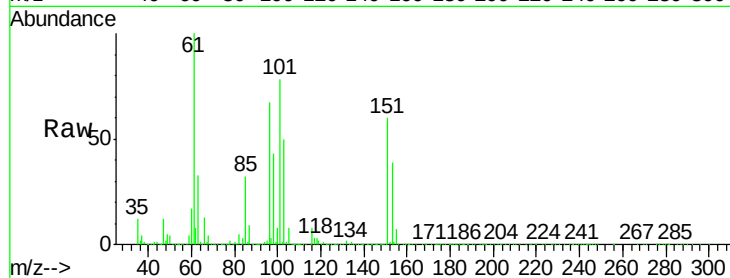
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	209794
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.7	52.1
151	81.2	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 52.318 ug/l

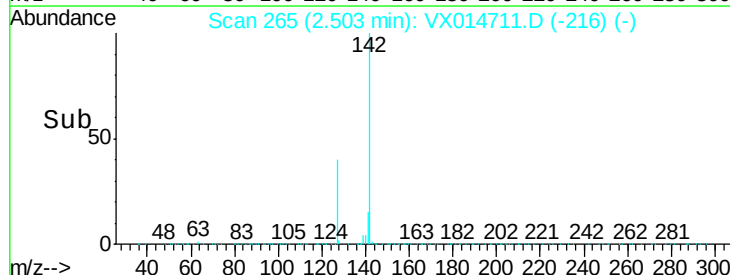
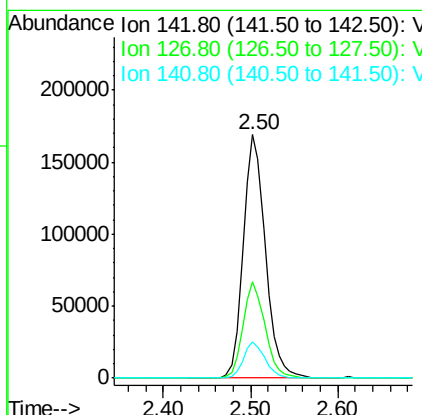
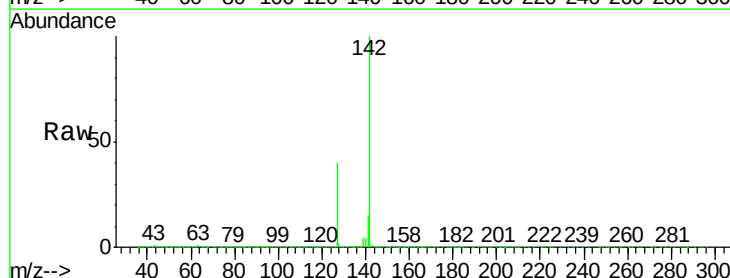
RT: 2.50 min Scan# 265

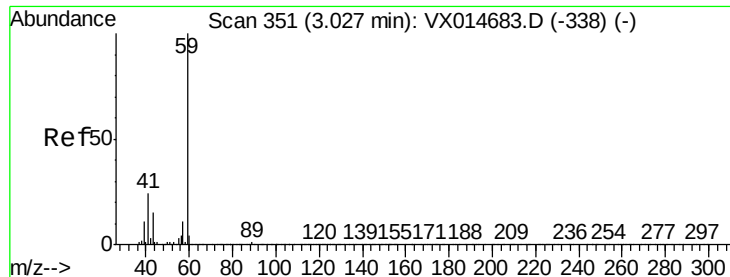
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	142	Resp:	296922
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.1	46.7
141	14.5	11.3	16.9





#11

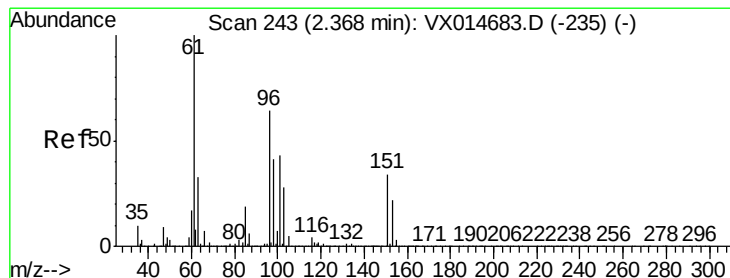
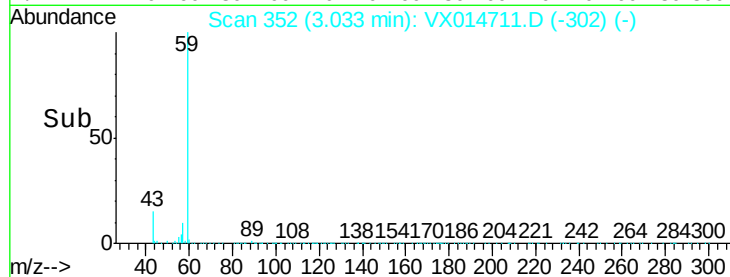
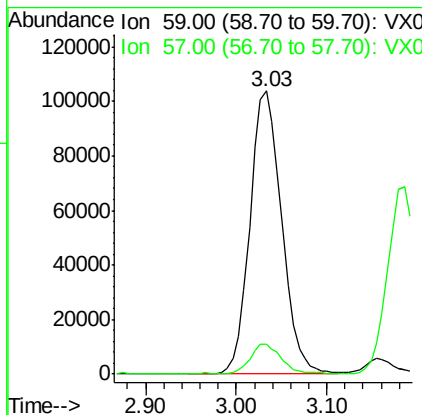
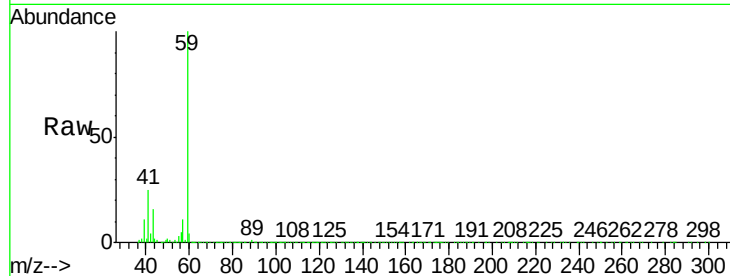
Tert butyl alcohol
Concen: 220.877 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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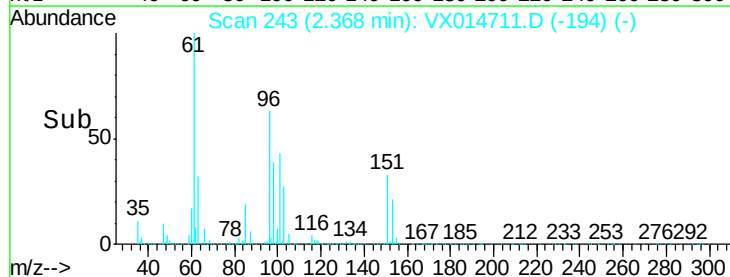
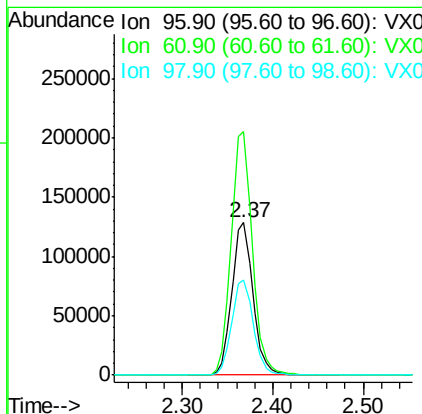
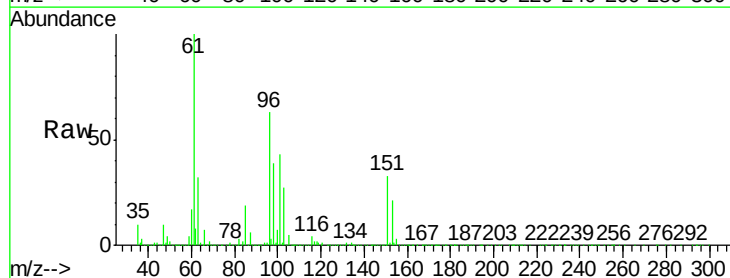
MMDadoda
1/27/2020 10:35:51 AM

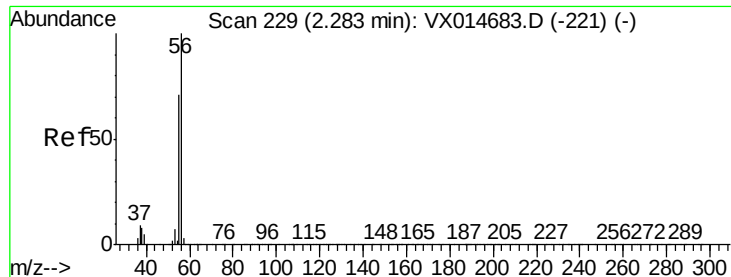


#12

1,1-Dichloroethene
Concen: 48.498 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	125.8	188.8
98	62.5	51.5	77.3





#13

Acrolein

Concen: 359.498 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 321482

Ion Ratio Lower Upper

56 100

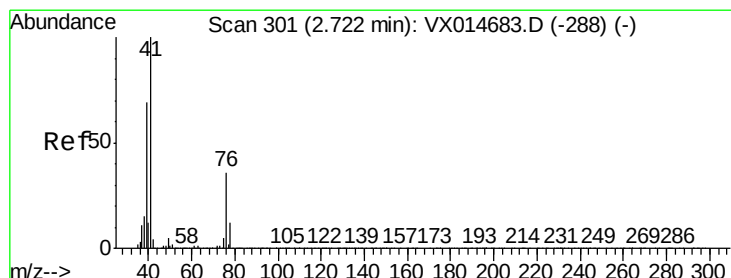
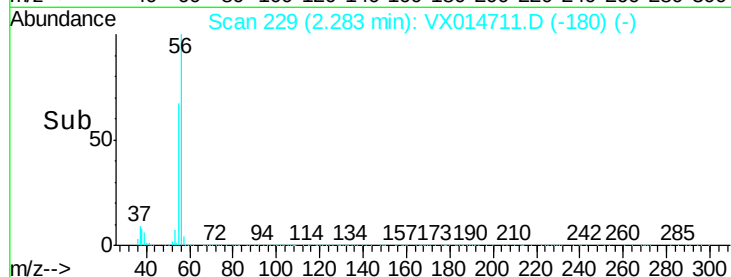
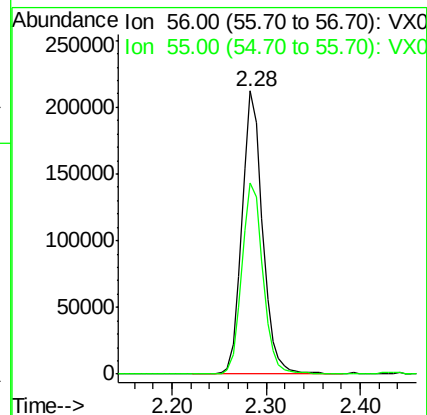
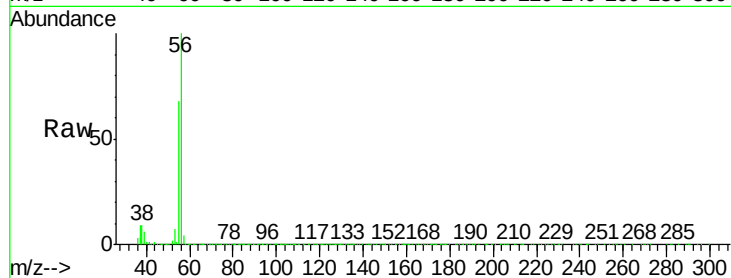
55 69.0 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.687 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

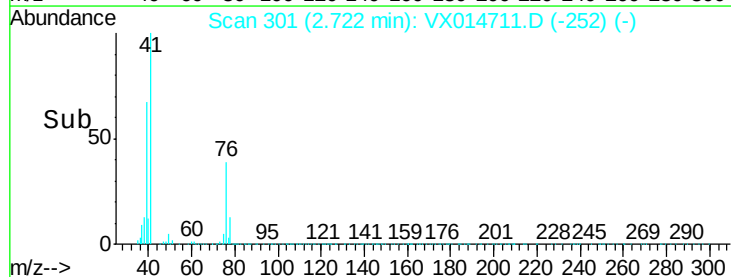
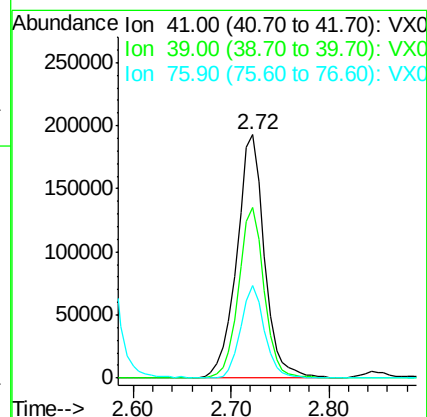
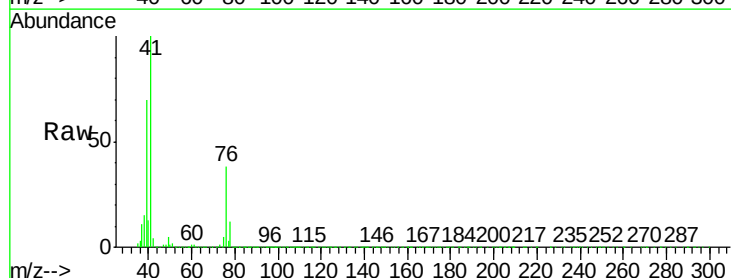
Tgt Ion: 41 Resp: 376334

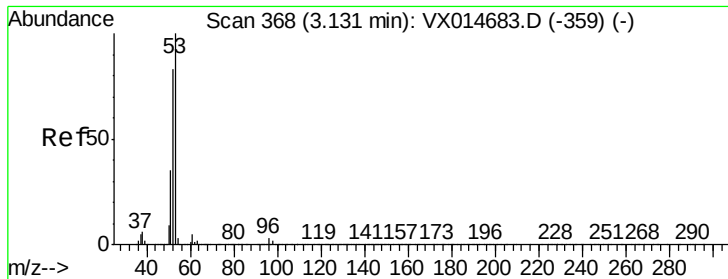
Ion Ratio Lower Upper

41 100

39 64.9 52.0 78.0

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 244.356 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

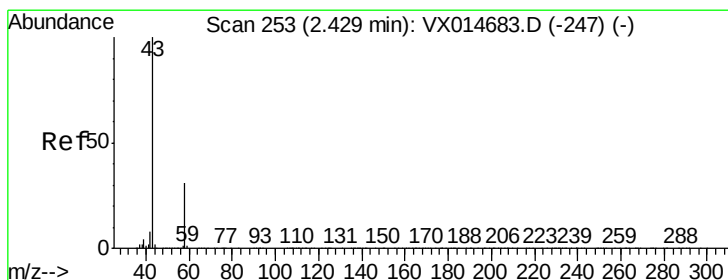
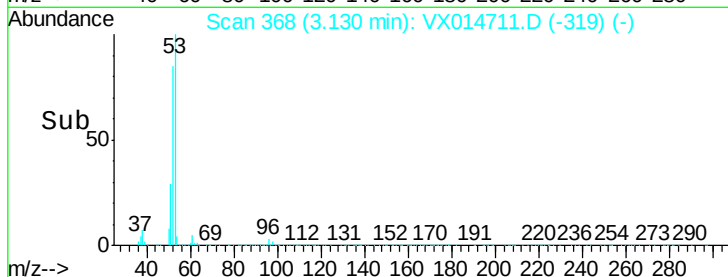
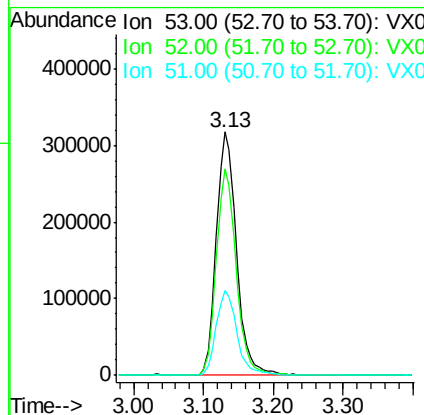
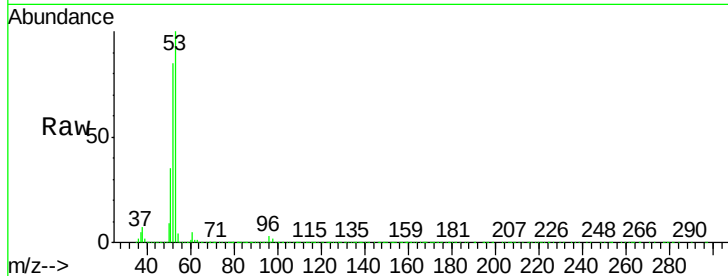
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	641231
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.4	99.6
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 196.962 ug/l

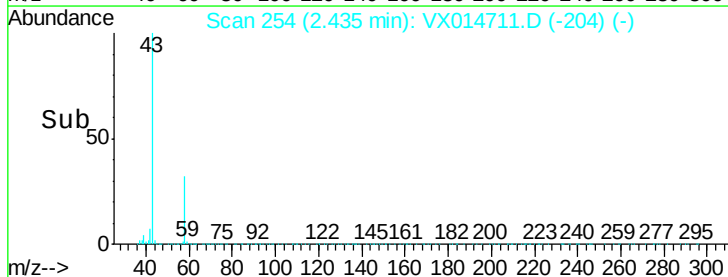
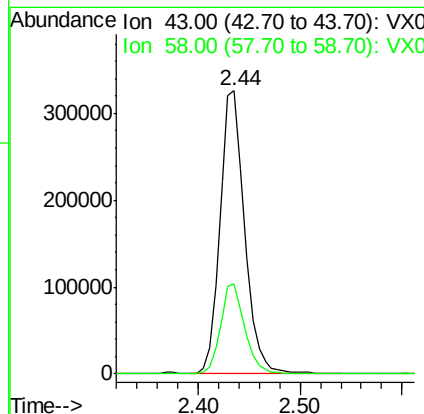
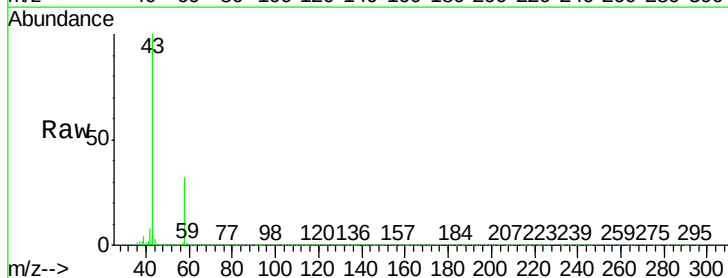
RT: 2.44 min Scan# 254

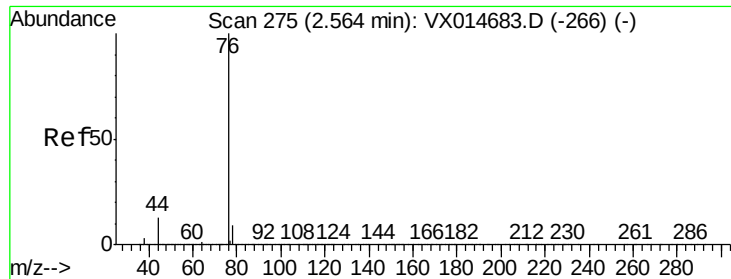
Delta R.T. 0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	43	Resp:	545229
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.5	36.7





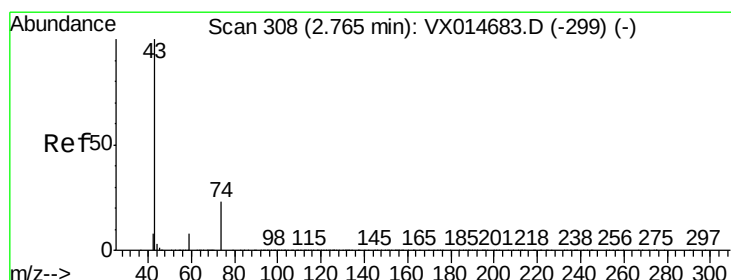
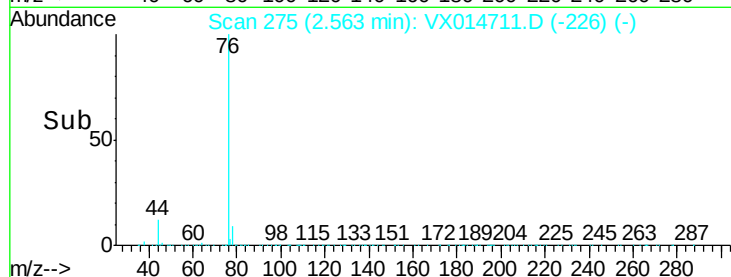
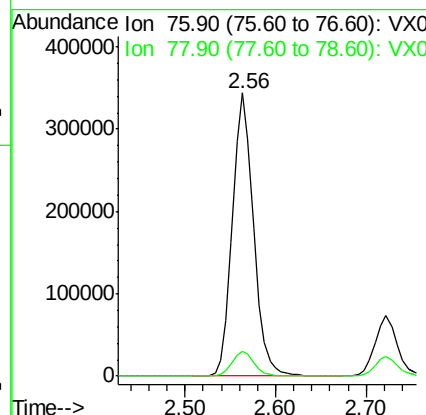
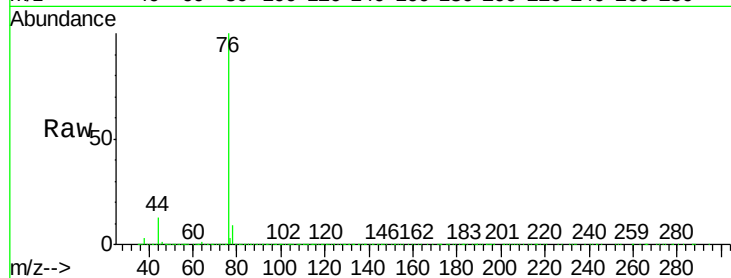
#17
Carbon Disulfide
Concen: 47.248 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

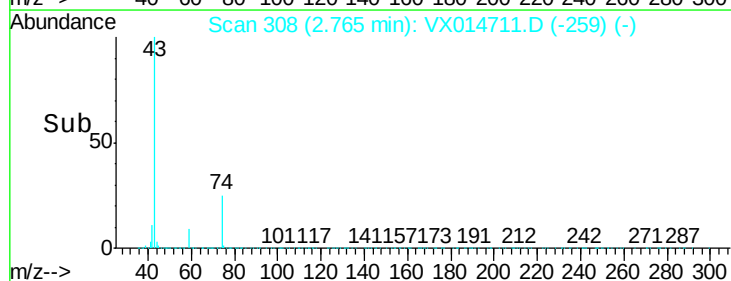
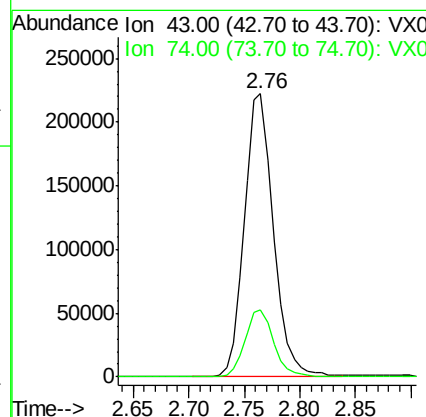
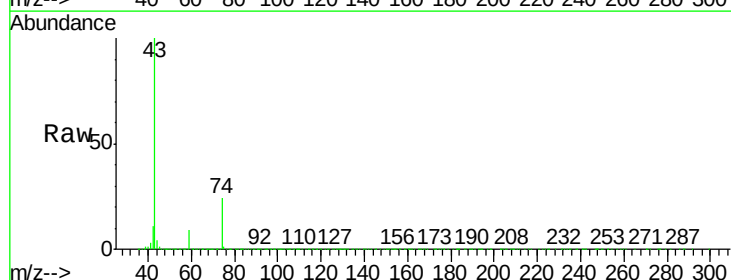
Manual Integrations
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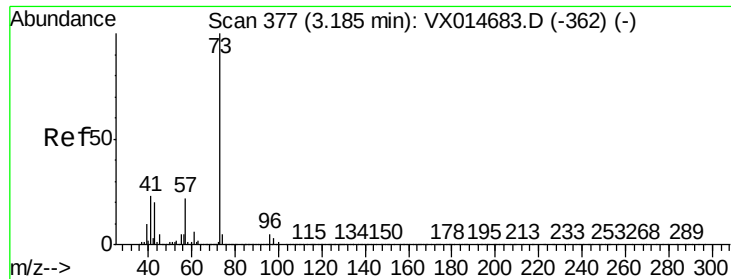
MMDadoda
1/27/2020 10:35:51 AM



#18
Methyl Acetate
Concen: 50.747 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.5	27.7





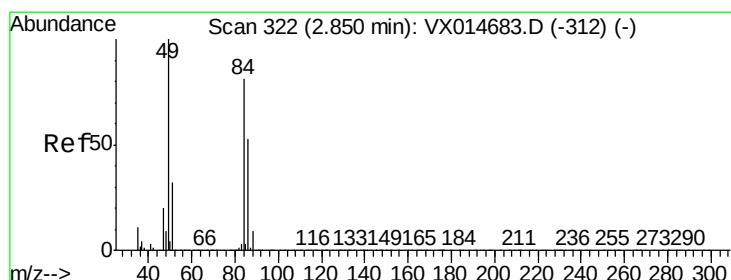
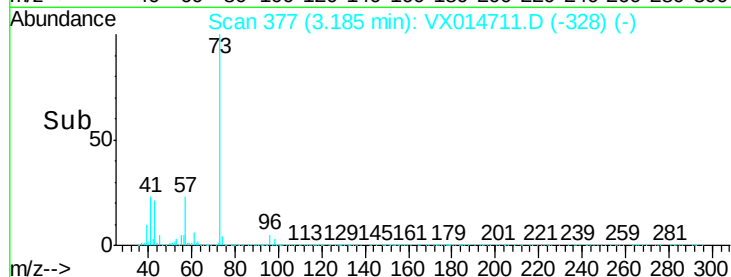
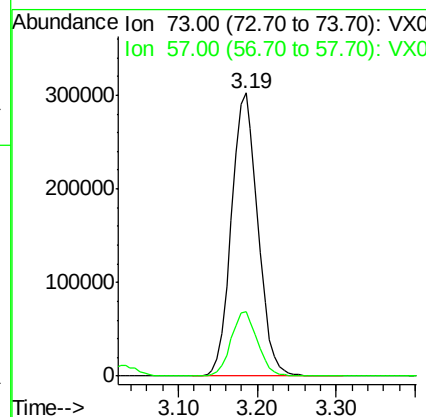
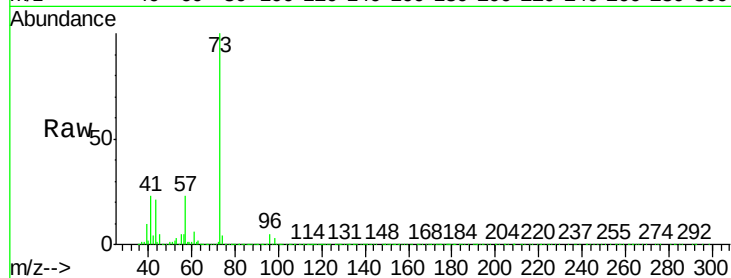
#19
Methyl tert-butyl Ether
Concen: 49.893 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

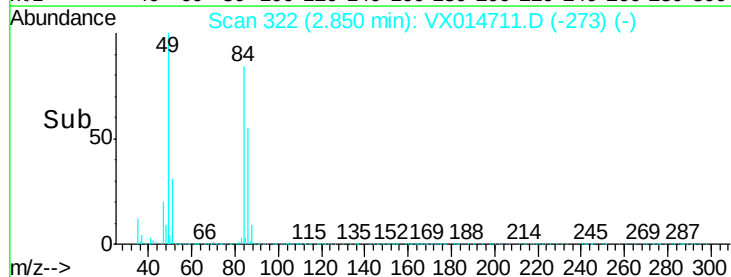
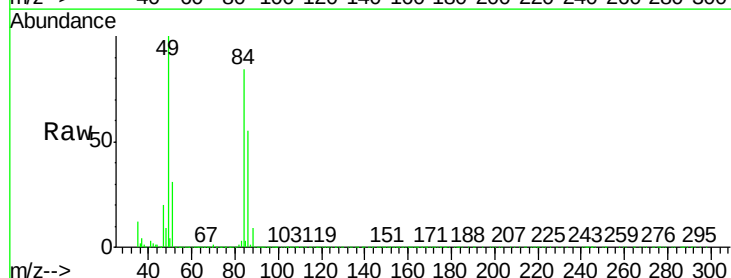
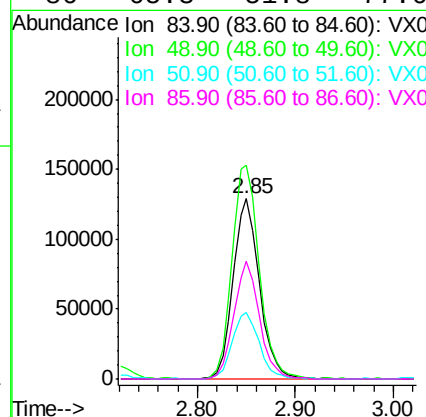
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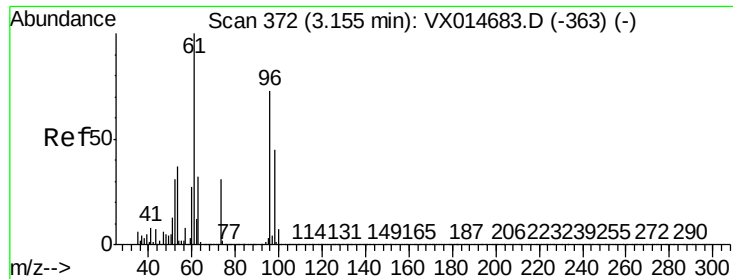
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#20
Methylene Chloride
Concen: 46.791 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.2	147.4
51	37.1	31.3	46.9
86	65.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.419 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

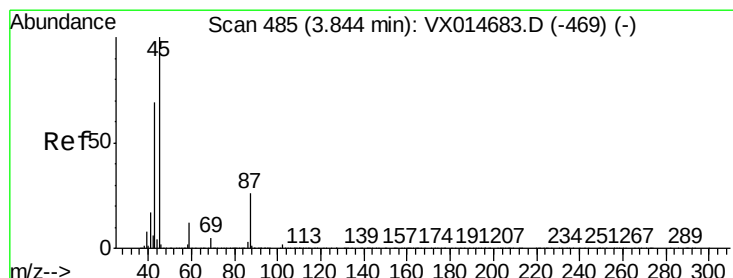
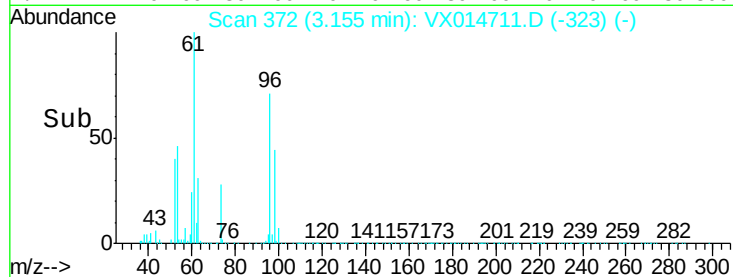
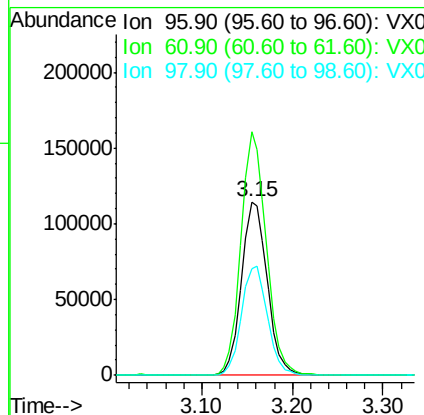
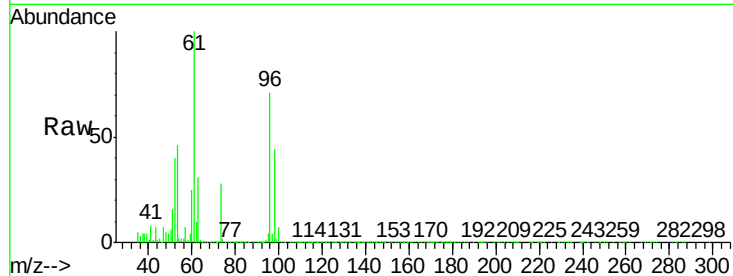
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	224528
Ion	Ratio	Lower	Upper
96	100		
61	140.1	109.8	164.6
98	61.1	49.6	74.4

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#22

Diisopropyl ether

Concen: 49.877 ug/l

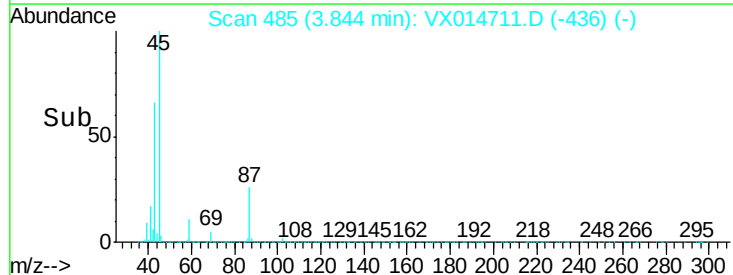
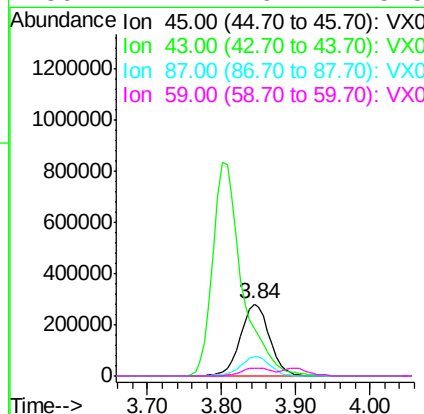
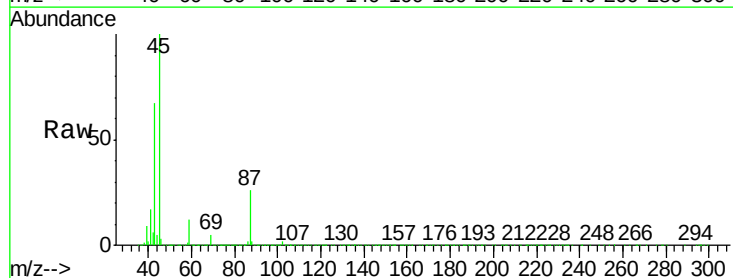
RT: 3.84 min Scan# 485

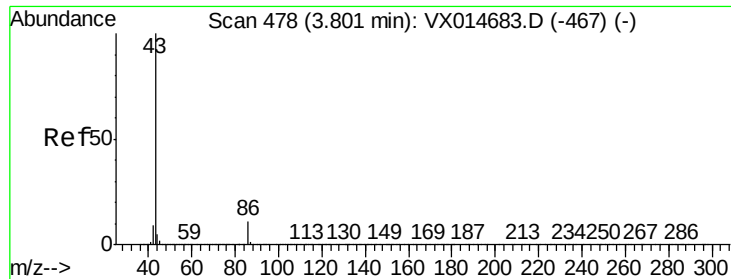
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	45	Resp:	767026
Ion	Ratio	Lower	Upper
45	100		
43	66.1	55.1	82.7
87	26.3	20.7	31.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 194.522 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2280358

Ion Ratio Lower Upper

43 100

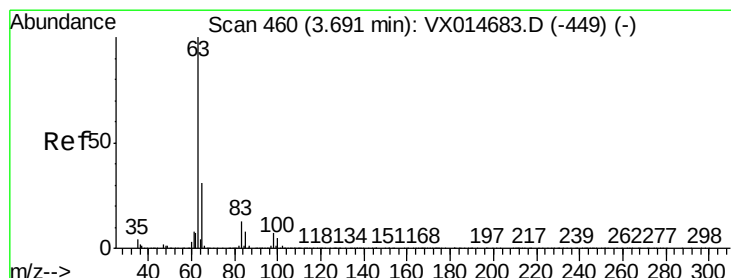
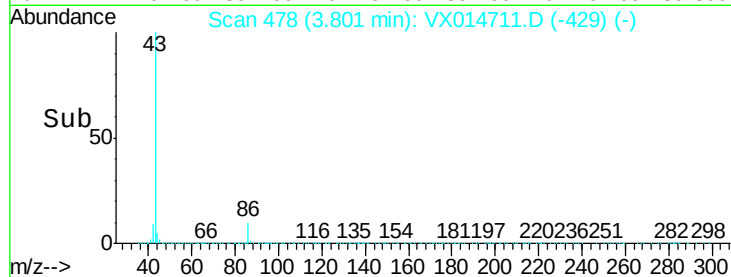
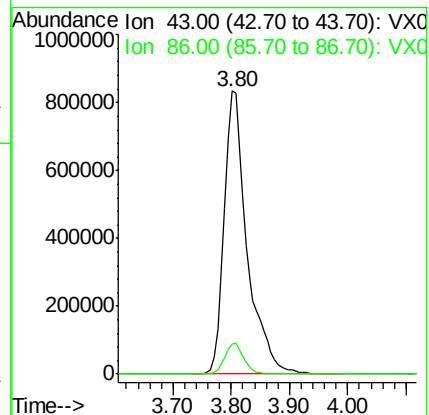
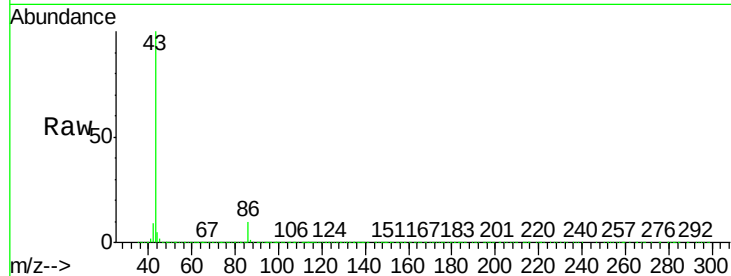
86 10.4 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.791 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

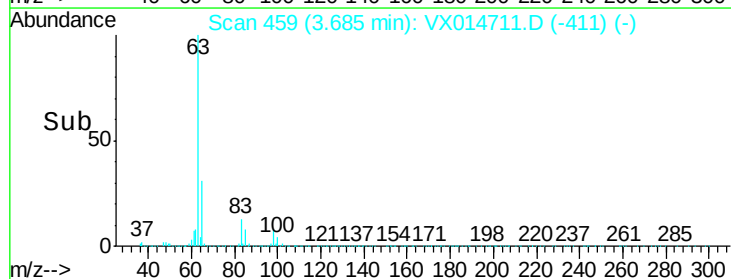
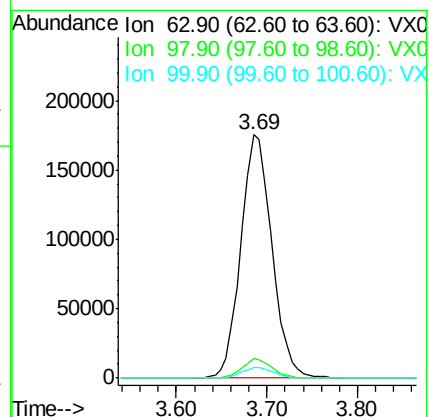
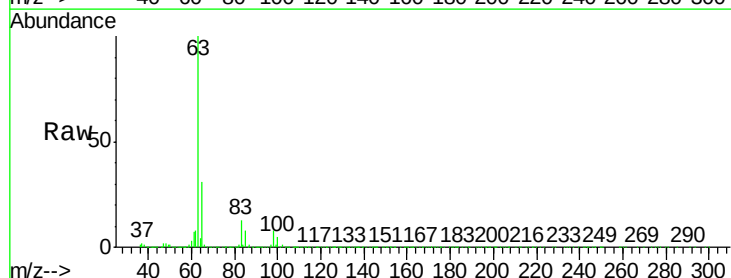
Tgt Ion: 63 Resp: 415833

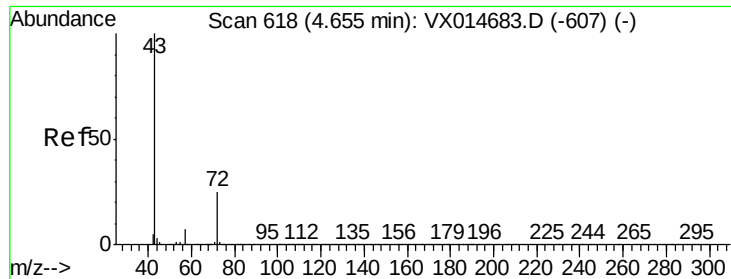
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 223.778 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 887678

Ion Ratio Lower Upper

43 100

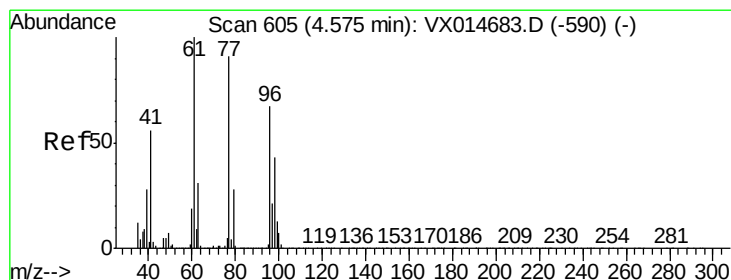
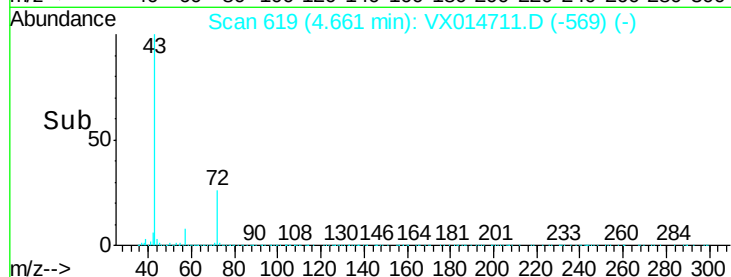
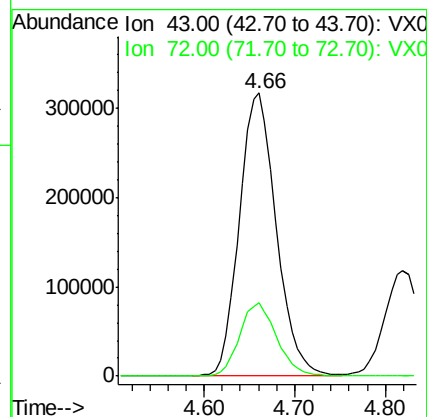
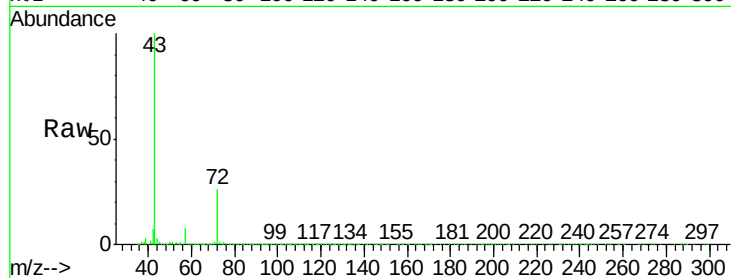
72 26.0 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.552 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014711.D

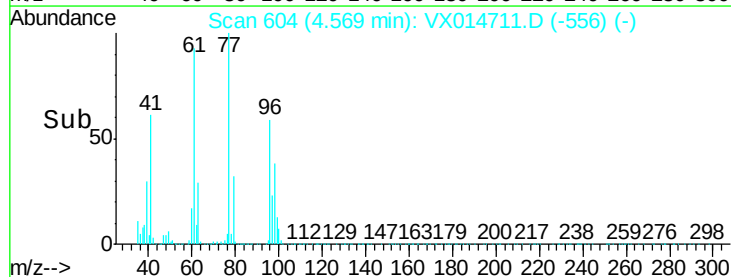
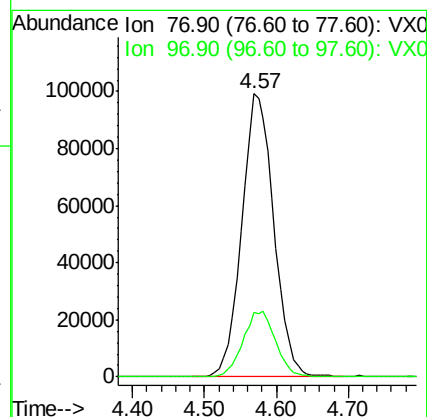
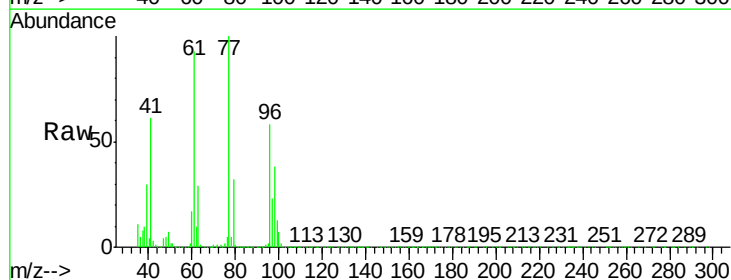
Acq: 24 Jan 2020 20:49

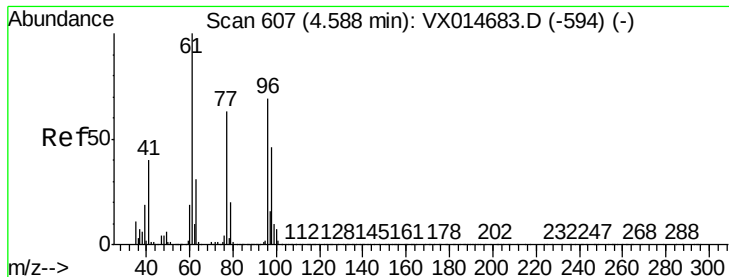
Tgt Ion: 77 Resp: 304505

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3





#27

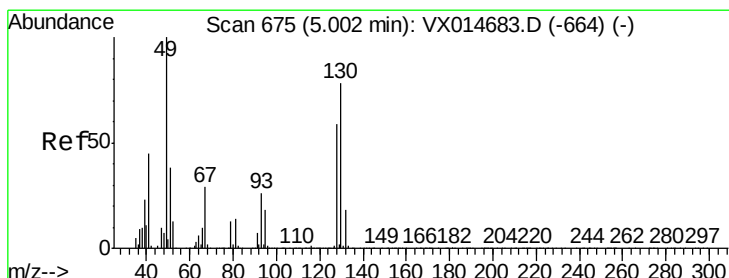
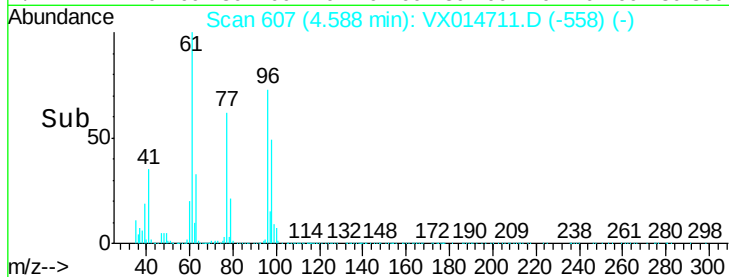
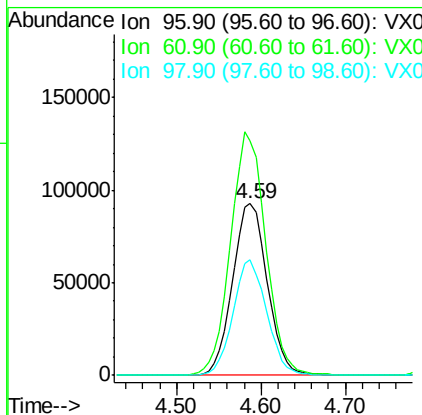
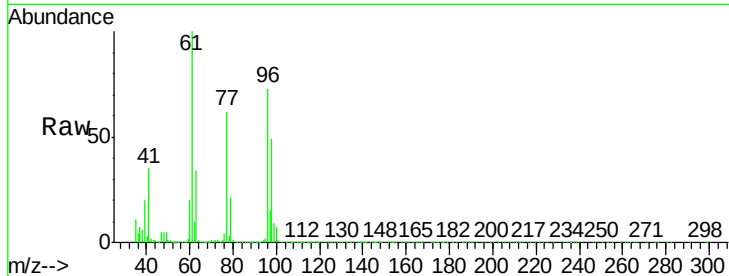
cis-1,2-Dichloroethene
Concen: 48.643 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	291.0
98	65.2	0.0	129.8

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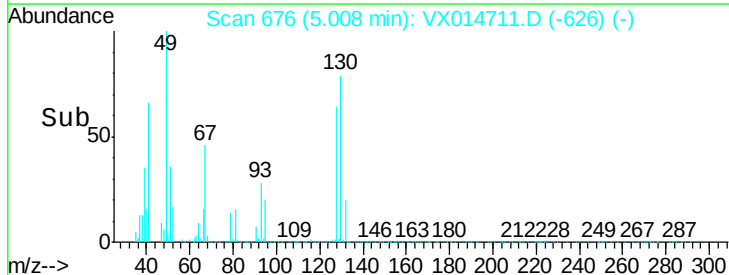
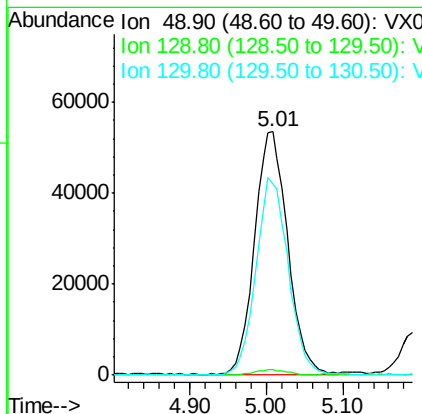
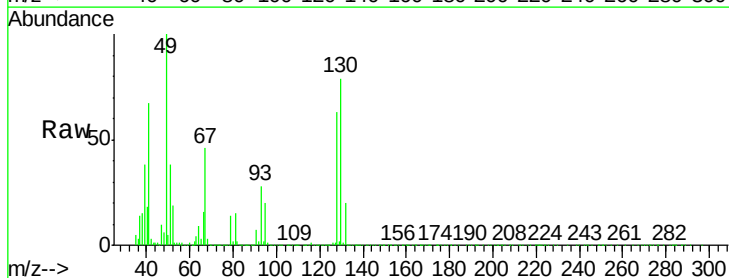
MMDadoda
1/27/2020 10:35:51 AM

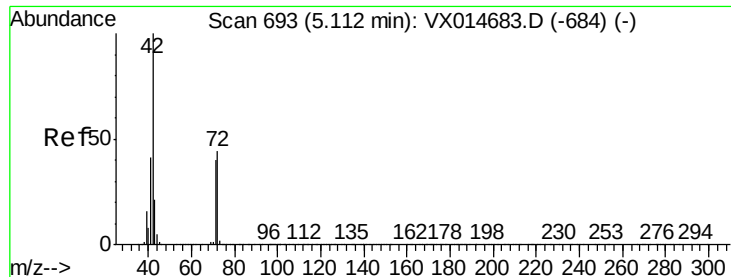


#28

Bromochloromethane
Concen: 44.237 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	78.4	62.4	93.6





#29

Tetrahydrofuran

Concen: 246.055 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

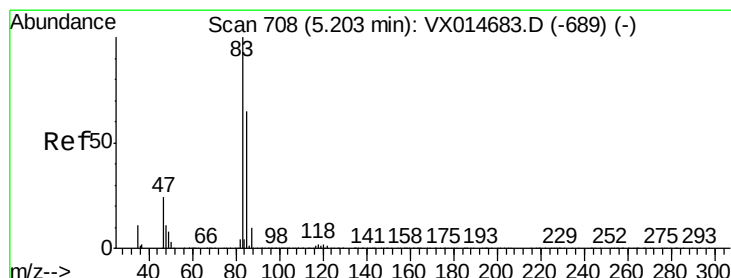
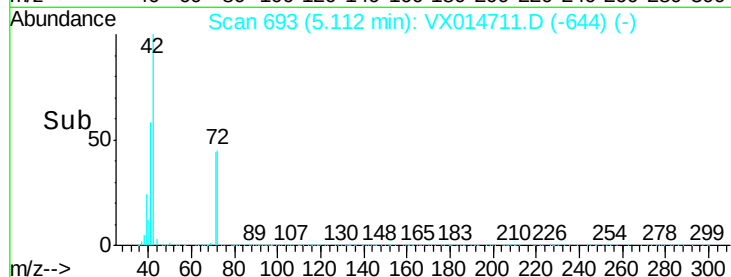
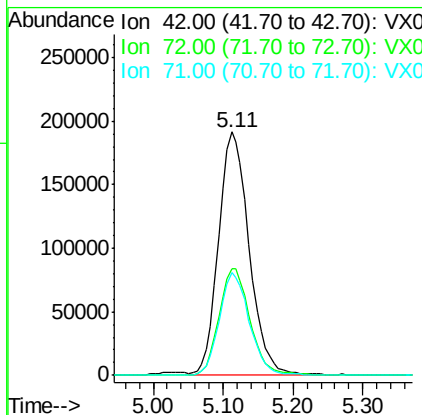
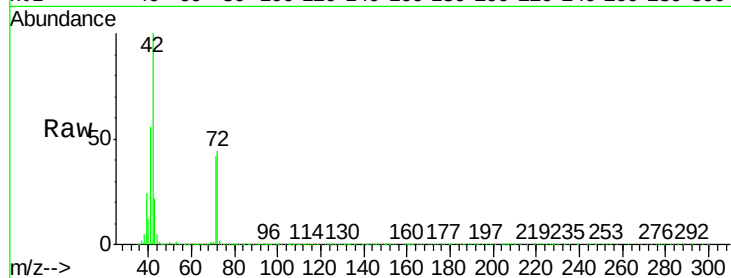
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	579302
Ion Ratio		Lower	Upper
42	100		
72	44.7	35.3	52.9
71	41.6	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 48.719 ug/l

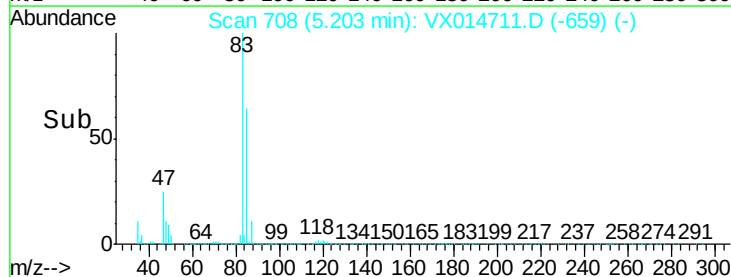
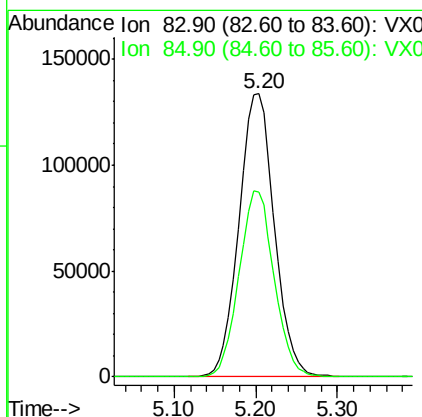
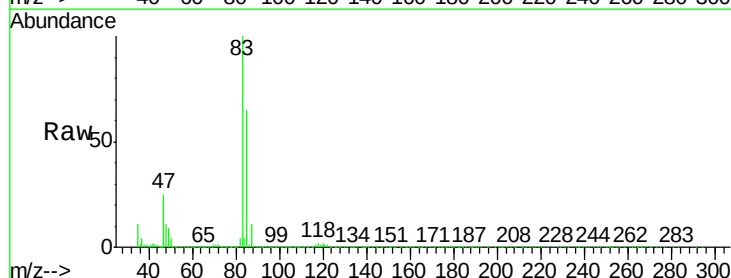
RT: 5.20 min Scan# 708

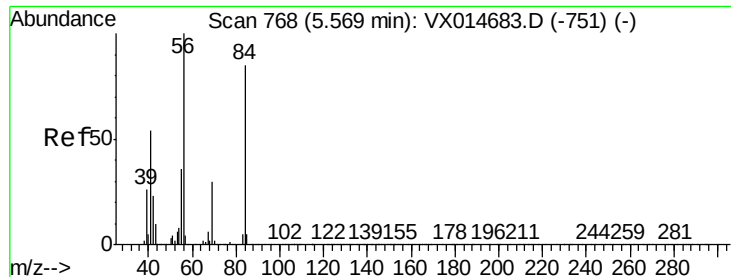
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	83	Resp:	403068
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.7	77.5





#31

Cyclohexane

Concen: 48.655 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014711.D

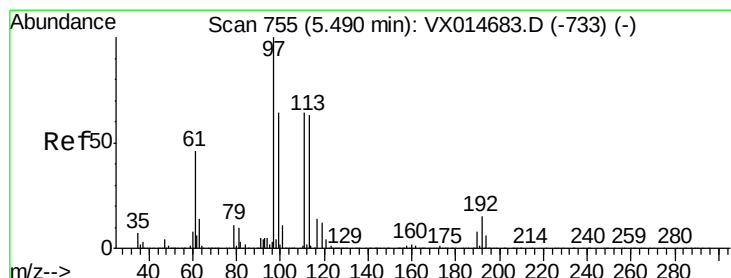
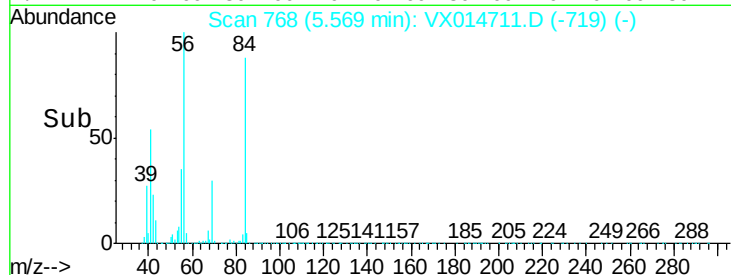
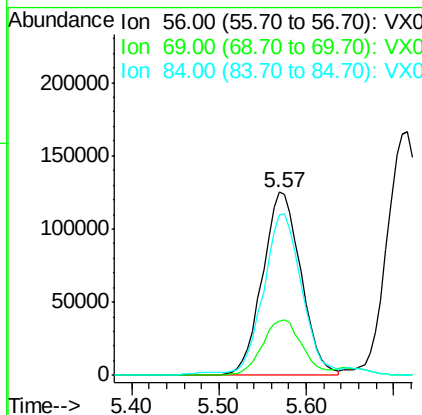
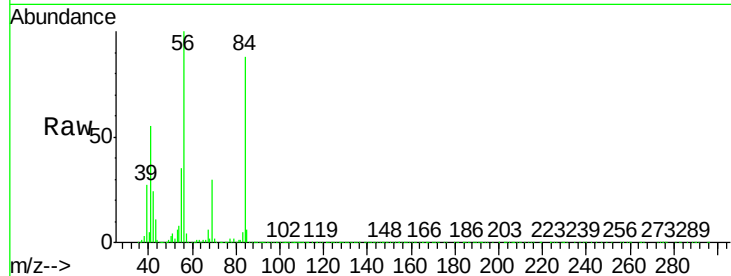
Acq: 24 Jan 2020 20:49

Tot Ion	56	Resp	382195
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.4	35.2
84	87.1	68.4	102.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.982 ug/l

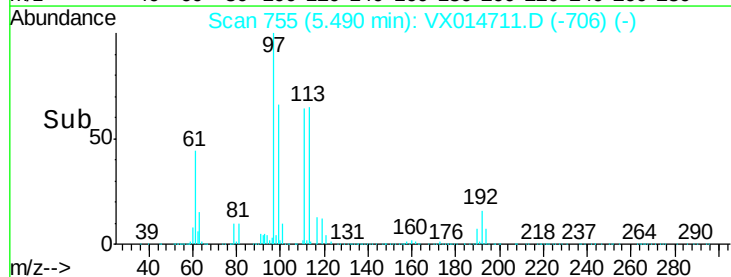
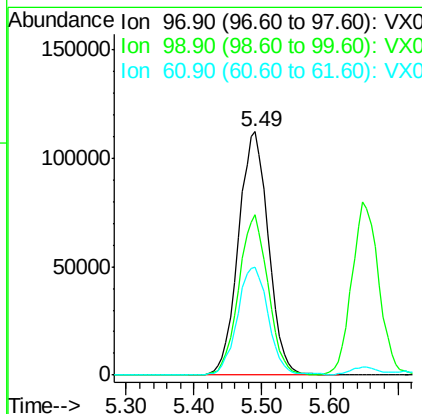
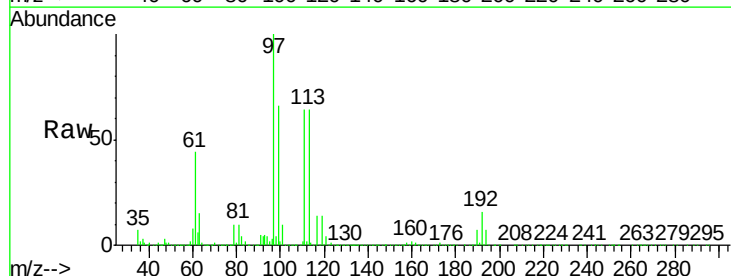
RT: 5.49 min Scan# 755

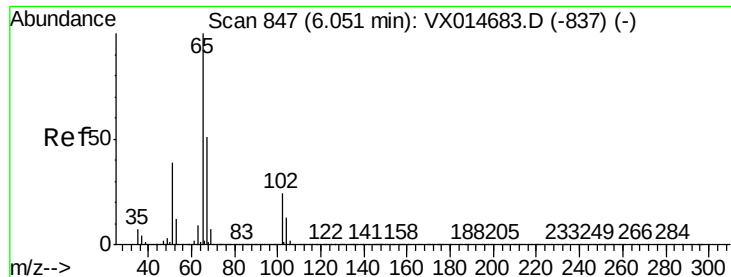
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion	97	Resp	342537
Ion Ratio	Lower	Upper	
97	100		
99	64.3	52.3	78.5
61	44.9	37.2	55.8





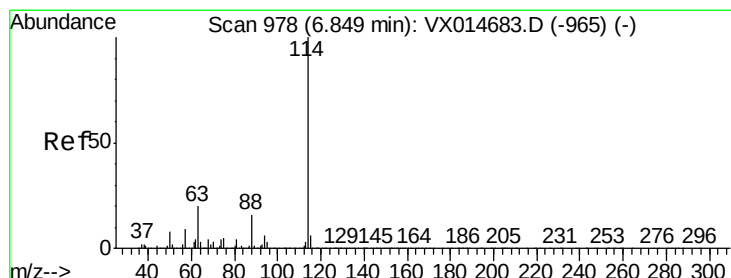
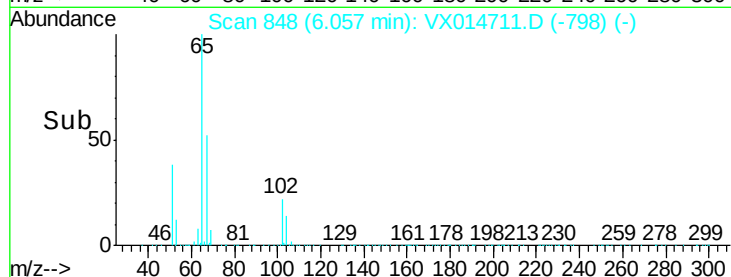
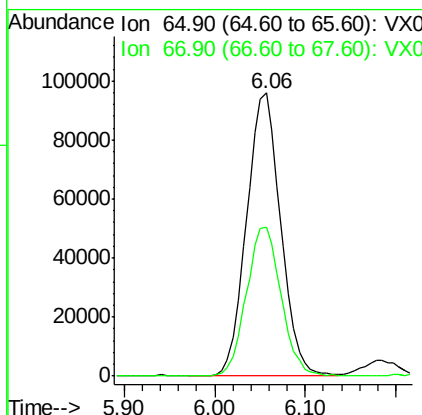
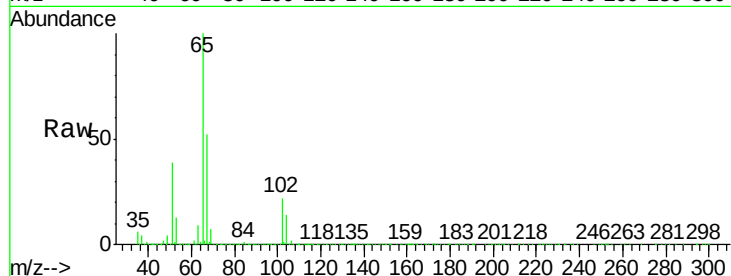
#33
 1,2-Dichloroethane-d4
 Concen: 49.400 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	249553		
67	52.9	0.0	107.4	

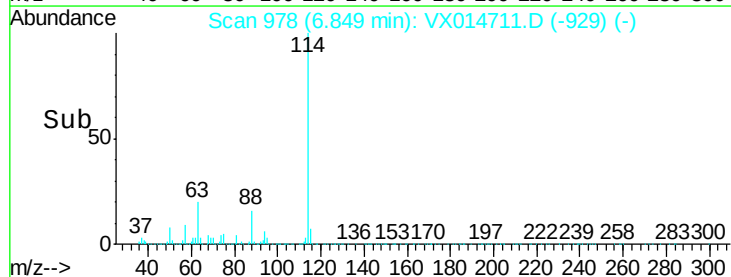
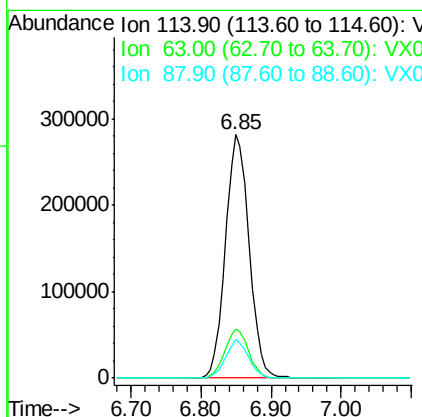
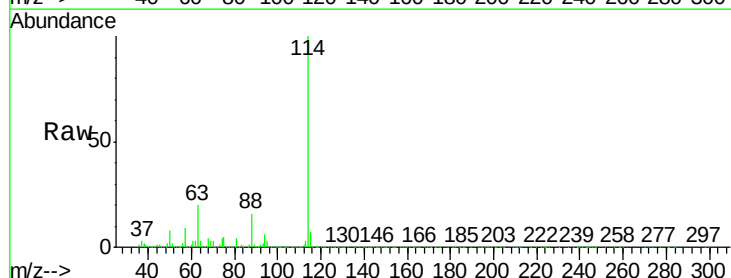
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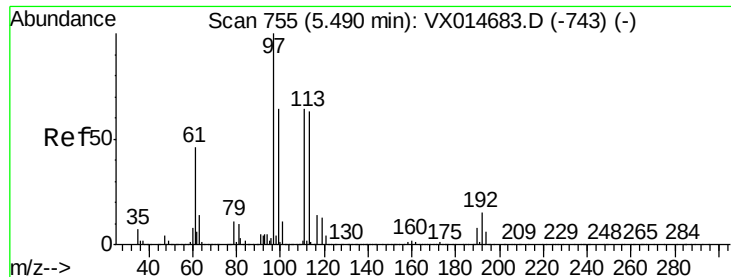
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	659652		
63	19.8	0.0	40.6	
88	16.1	0.0	31.2	





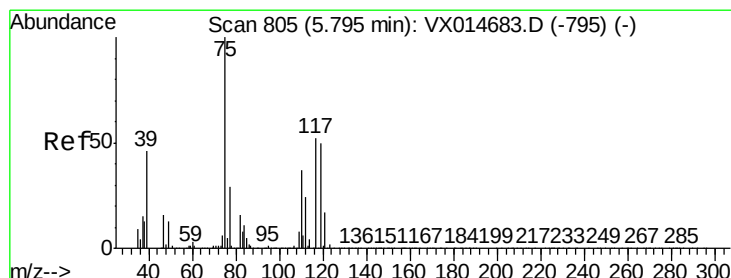
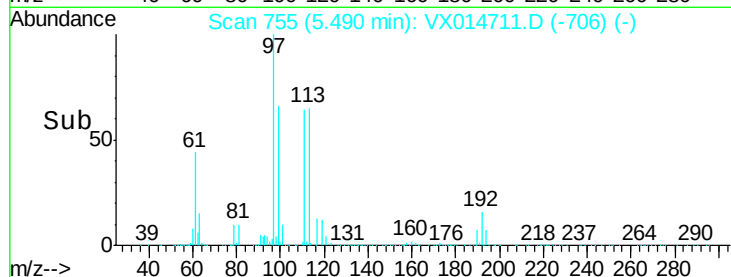
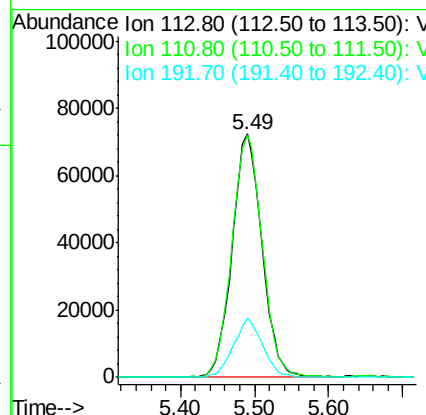
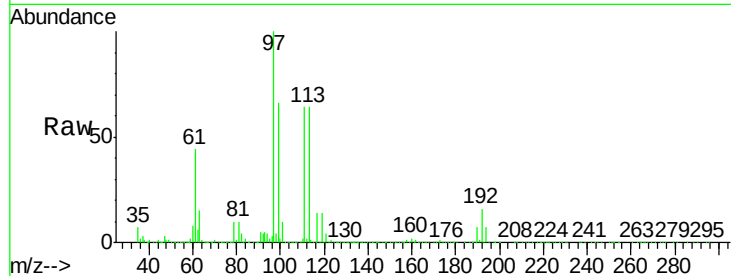
#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203391		
111	100.9	80.7	121.1	
192	23.5	18.5	27.7	

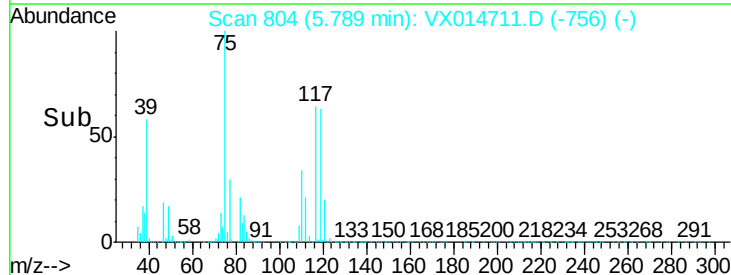
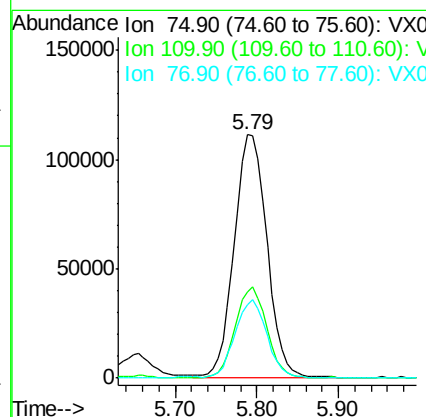
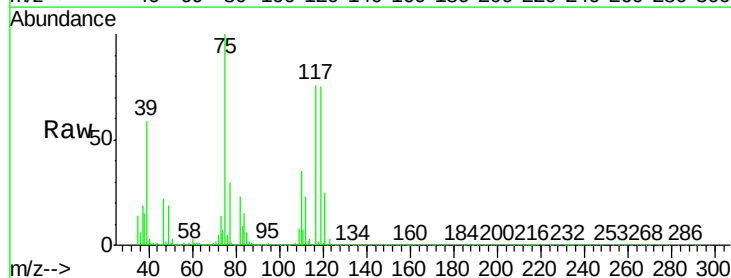
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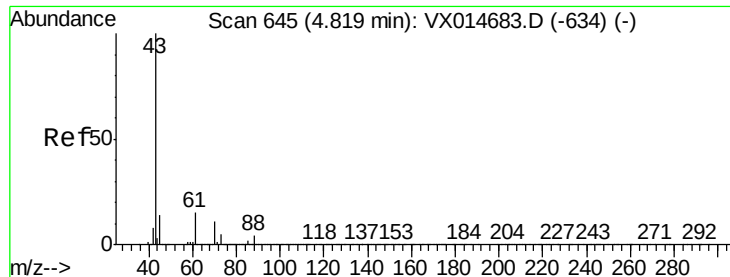
MMDadoda
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#36
1,1-Dichloropropene
Concen: 50.180 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	307575		
110	36.2	17.9	53.7	
77	30.8	24.1	36.1	





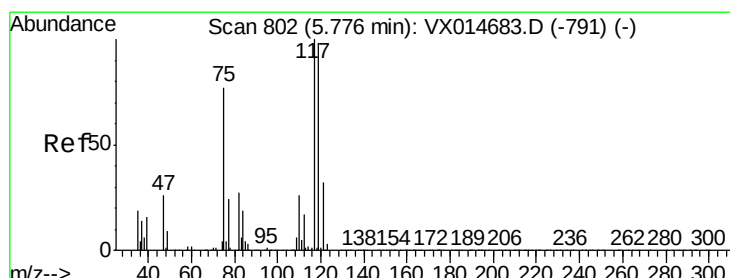
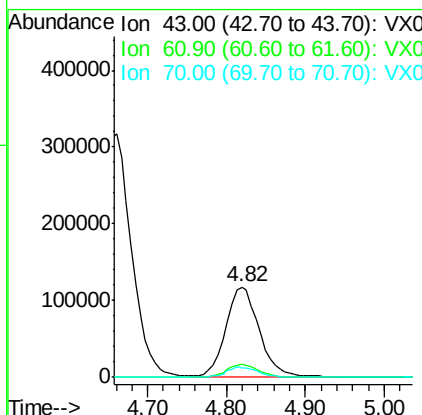
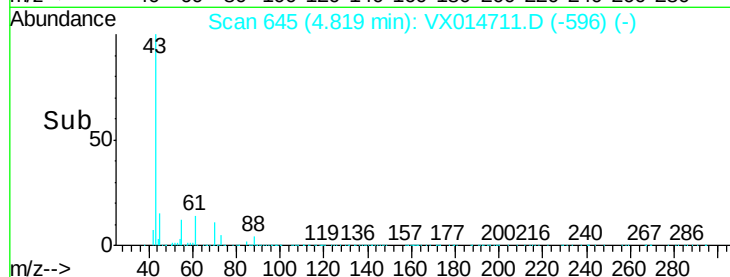
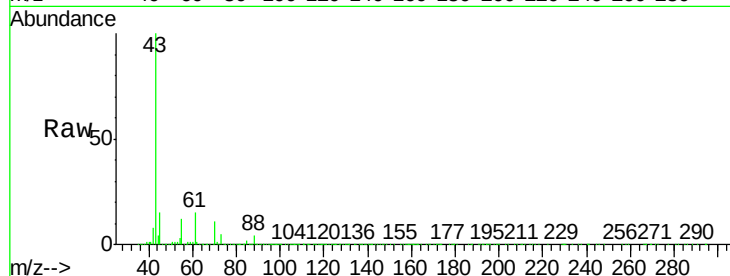
#37
Ethyl Acetate
Concen: 48.600 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	11.3	8.5	12.7

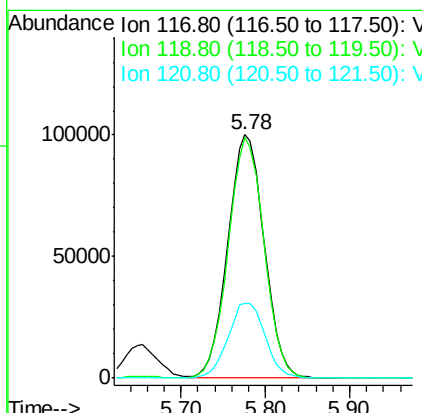
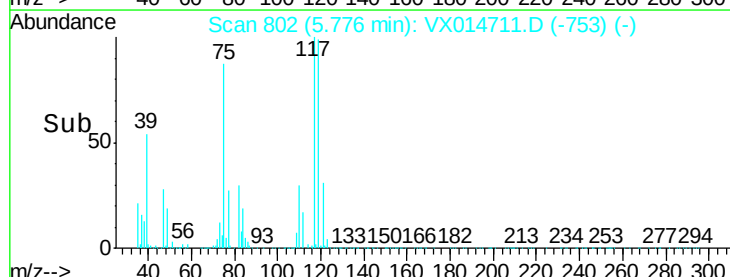
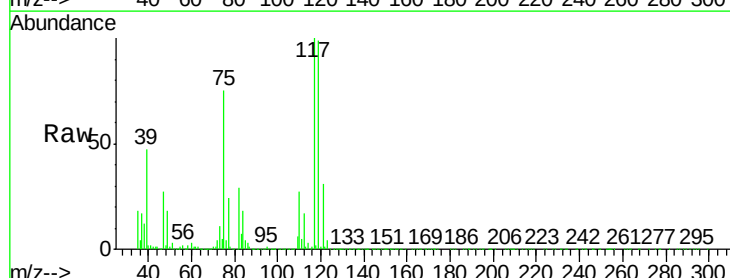
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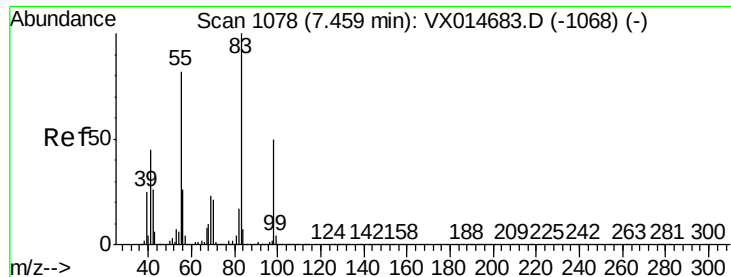
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#38
Carbon Tetrachloride
Concen: 49.865 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.9	116.9
121	31.0	25.4	38.2





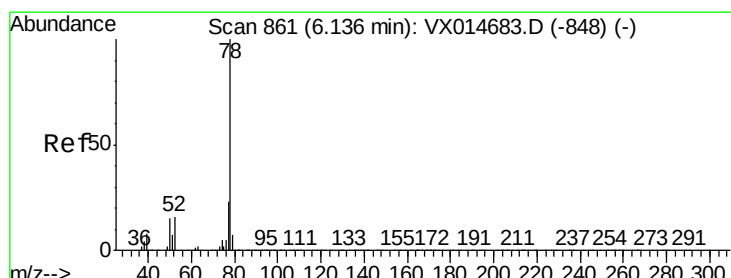
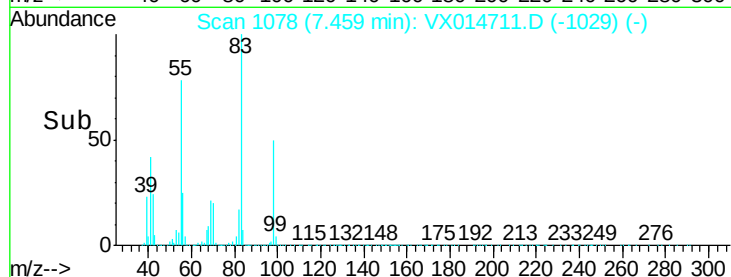
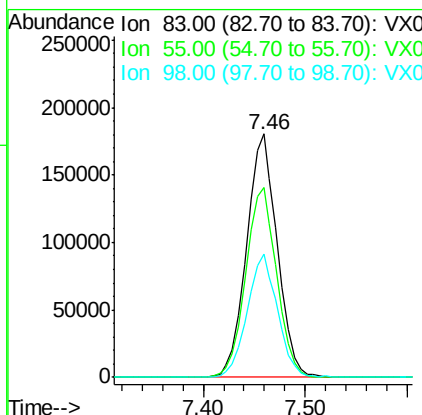
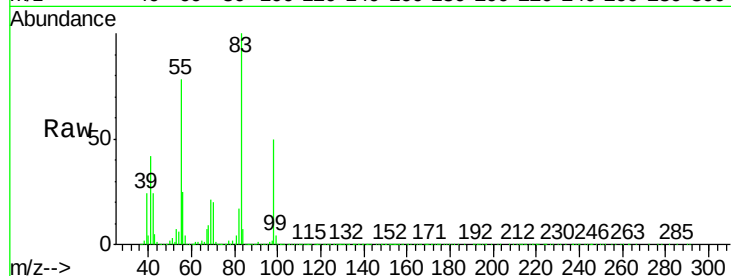
#39
Methylvlcyclohexane
Concen: 49.013 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	65.6	98.4
98	50.3	40.2	60.4

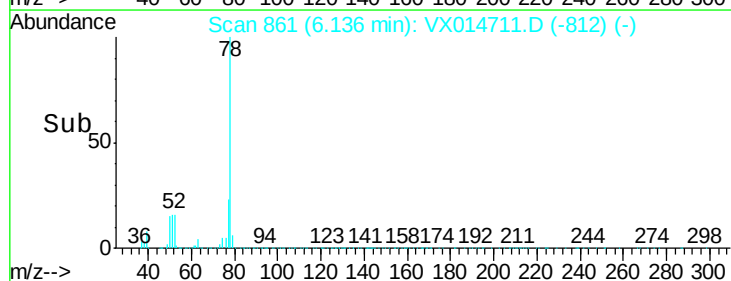
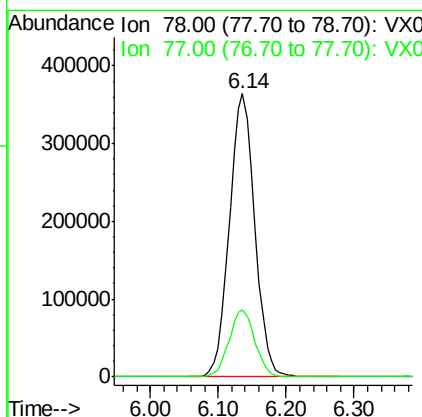
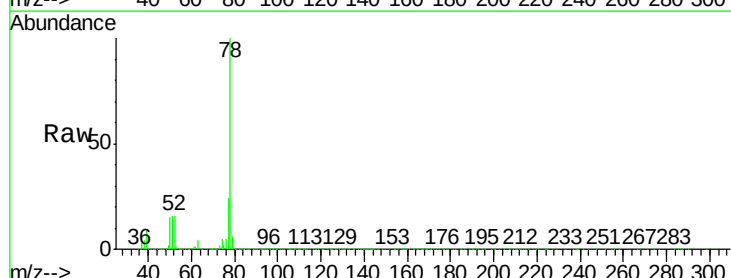
Manual Integrations
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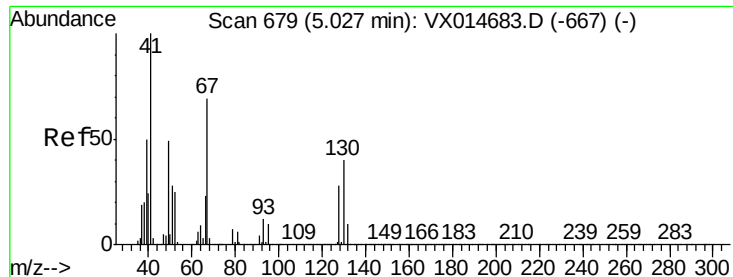
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#40
Benzene
Concen: 49.561 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





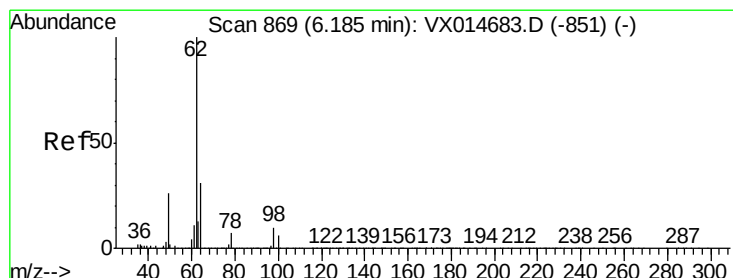
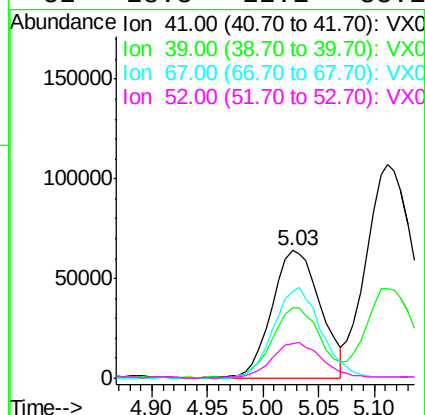
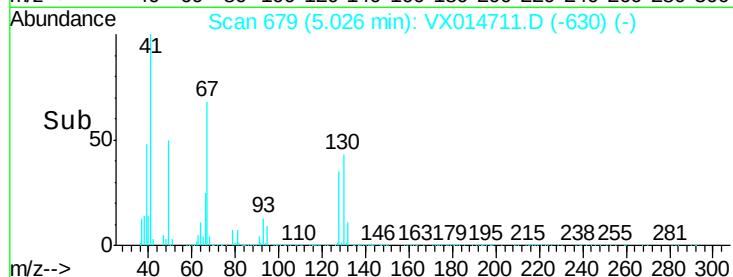
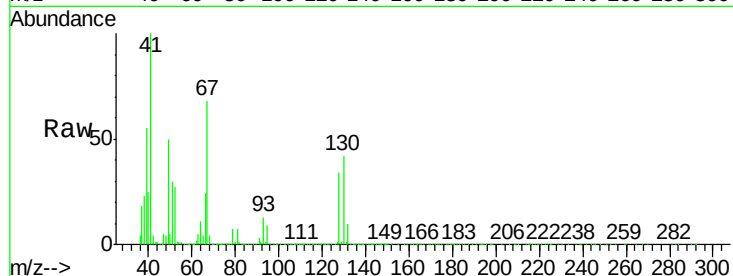
#41
Methacrylonitrile
Concen: 48.248 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		193275		
39	54.1	42.2	63.2		
67	70.6	55.4	83.0		
52	28.3	22.1	33.1		

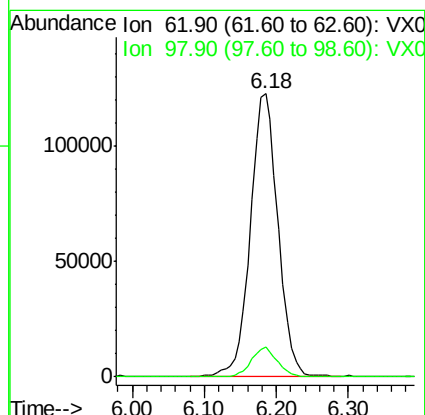
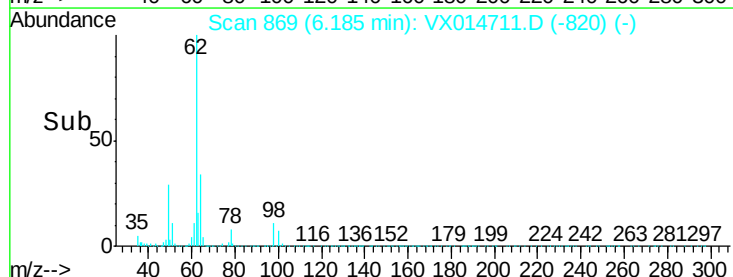
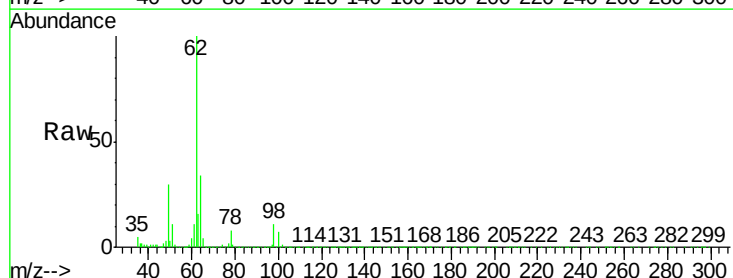
Manual Integrations
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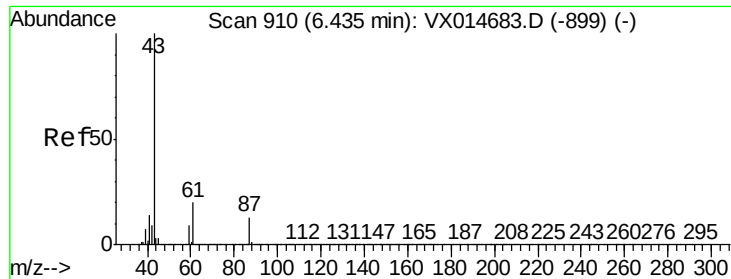
MMDadoda
1/27/2020 10:35:51 AM



#42
1,2-Dichloroethane
Concen: 49.852 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		326036		
98	9.8	0.0	20.0		





#43

Isopropyl Acetate

Concen: 49.313 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

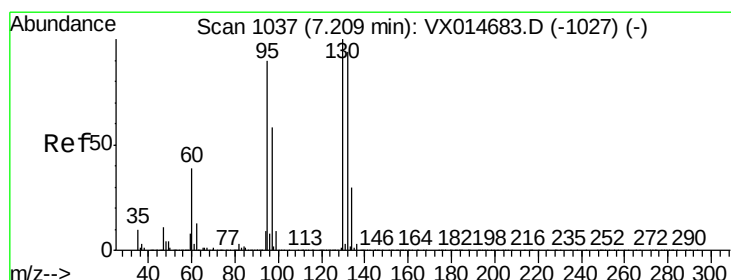
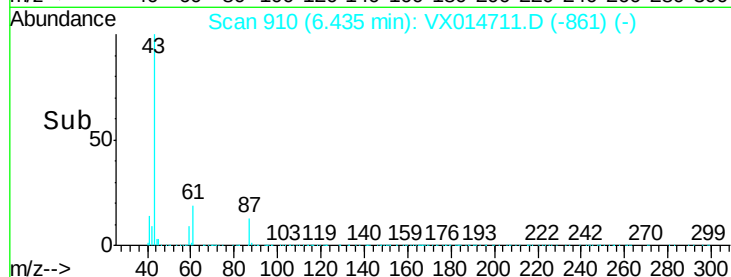
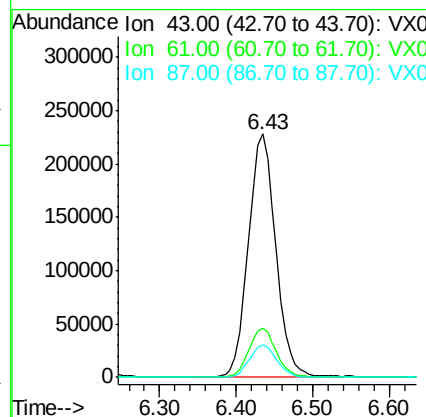
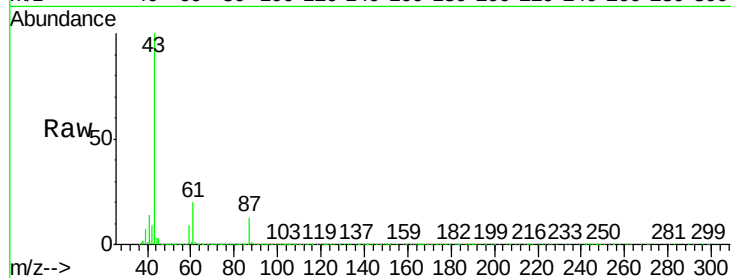
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	566904
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.4	10.5	15.7

Manual Integrations
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MMDadoda
1/27/2020 10:35:51 AM



#44

Trichloroethene

Concen: 50.459 ug/l

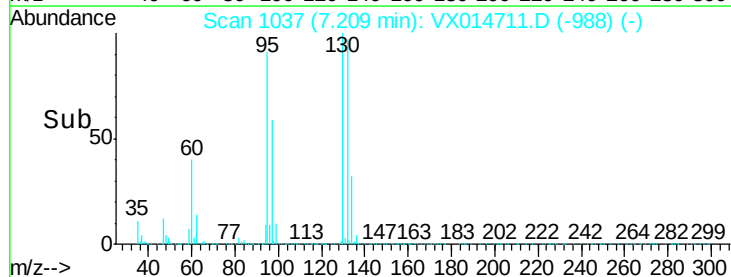
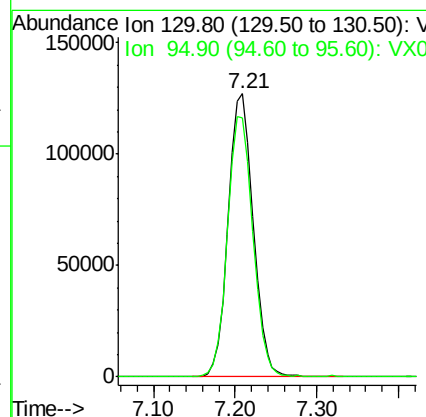
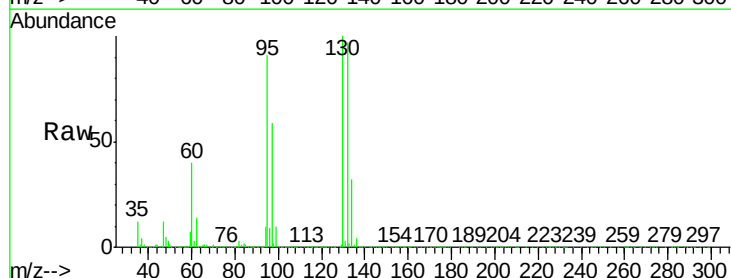
RT: 7.21 min Scan# 1037

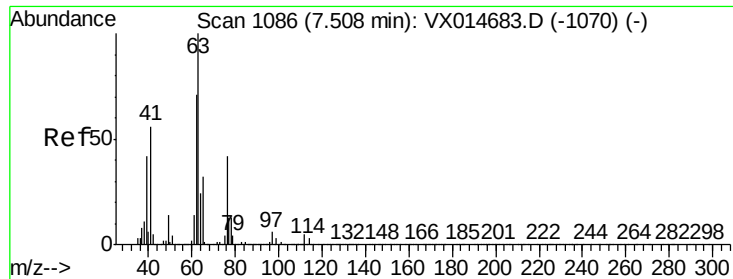
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	130	Resp:	269933
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	179.8





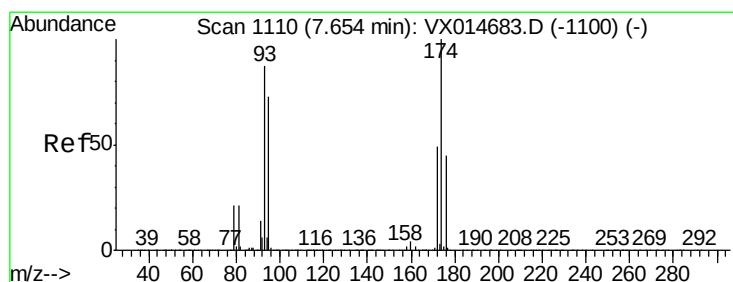
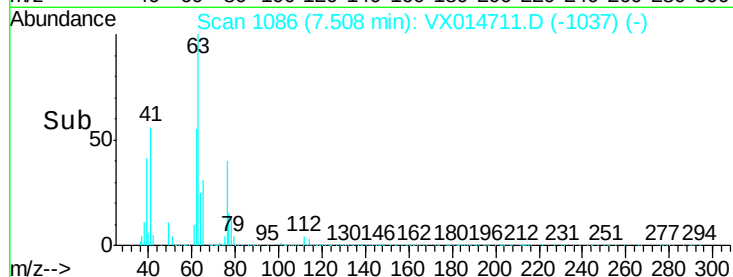
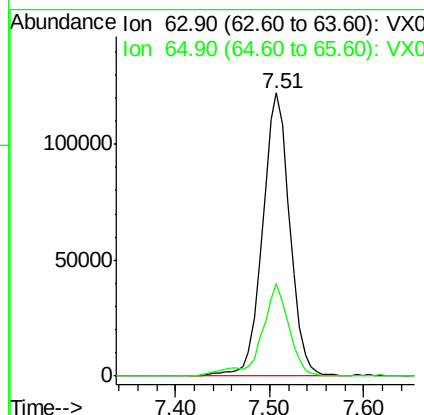
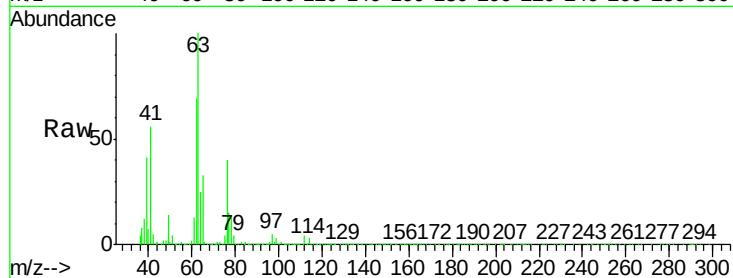
#45
 1,2-Dichloropropane
 Concen: 50.497 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.2	37.8

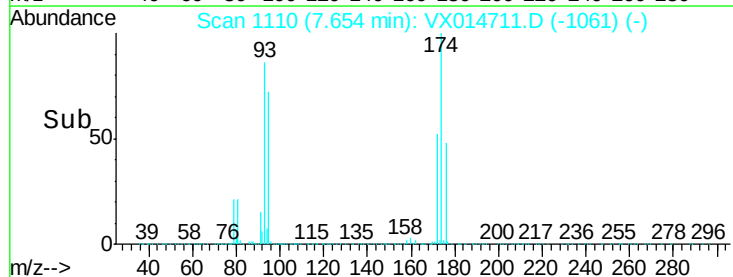
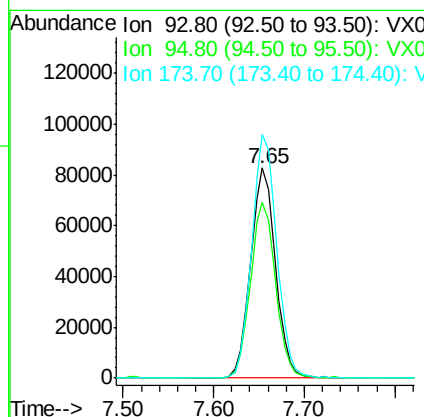
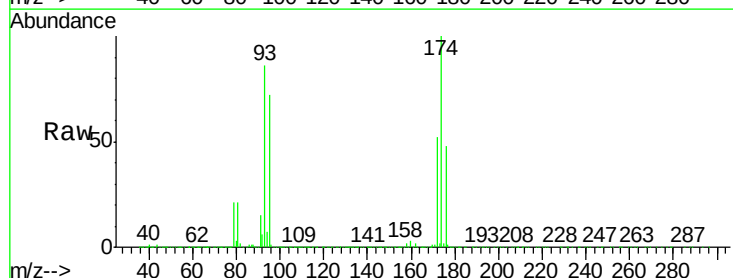
Manual Integrations
 APPROVED

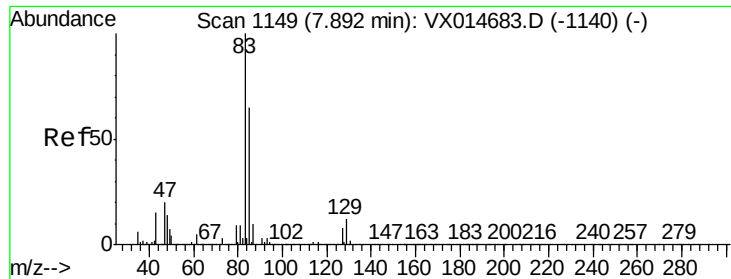
MMDadoda
 1/27/2020 10:35:51 AM



#46
 Dibromomethane
 Concen: 50.027 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.0	100.4
174	116.1	90.2	135.2





#47

Bromodichloromethane

Concen: 50.608 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

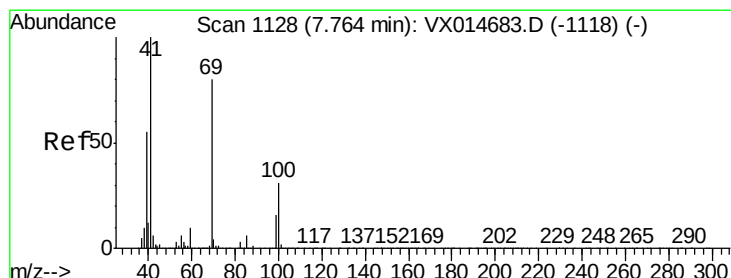
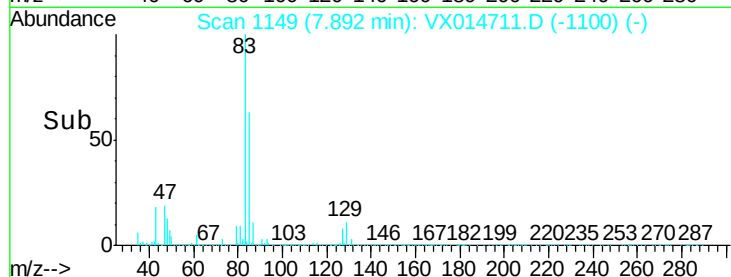
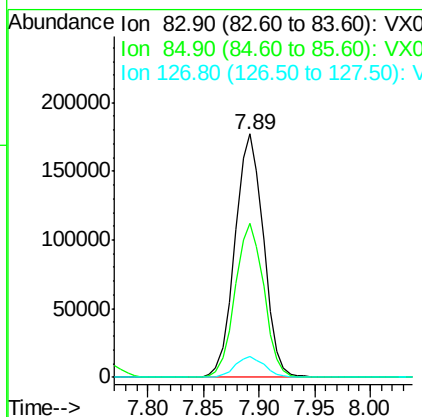
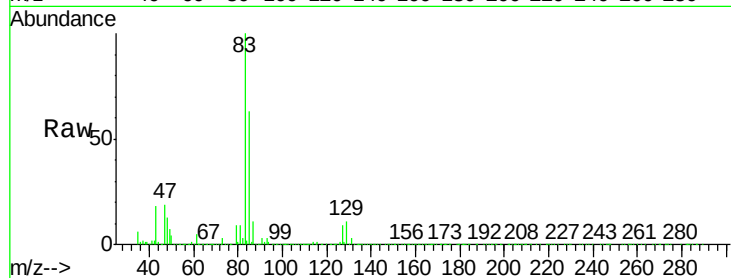
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	313655
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.2	78.2
127	8.5	6.4	9.6

Manual Integrations
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MMDadoda
1/27/2020 10:35:51 AM



#48

Methyl methacrylate

Concen: 52.005 ug/l

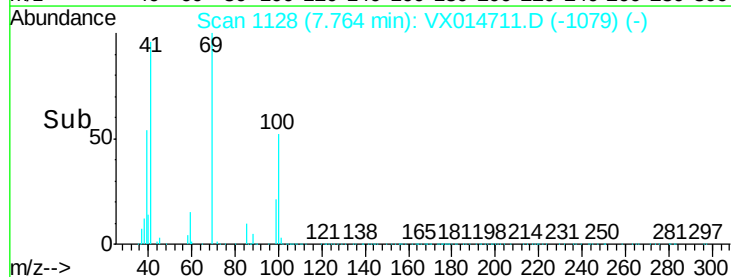
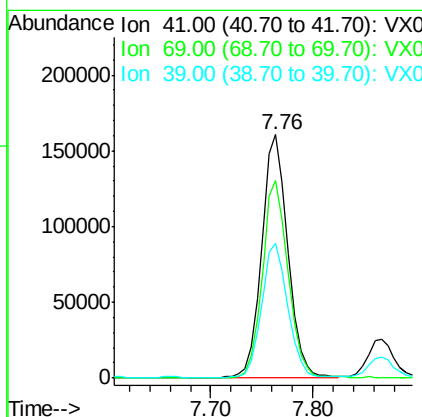
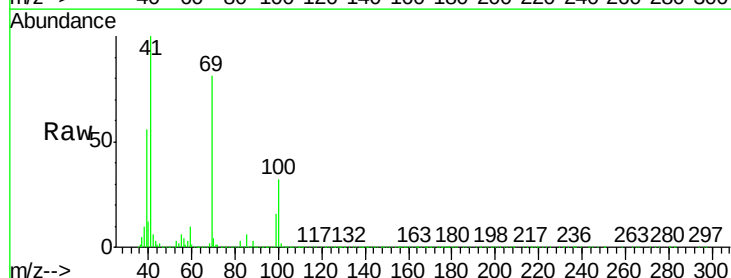
RT: 7.76 min Scan# 1128

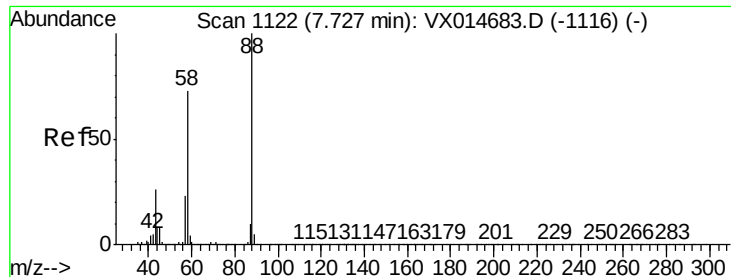
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	41	Resp:	285649
Ion Ratio	Lower	Upper	
41	100		
69	79.9	63.5	95.3
39	55.5	43.7	65.5





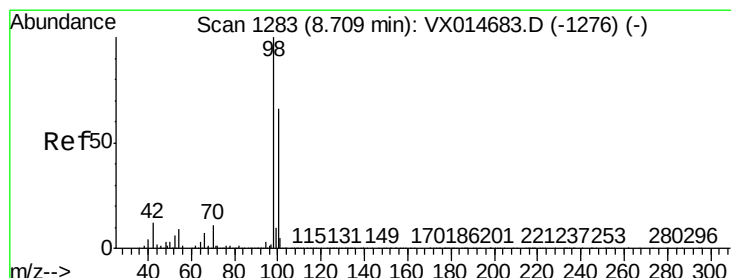
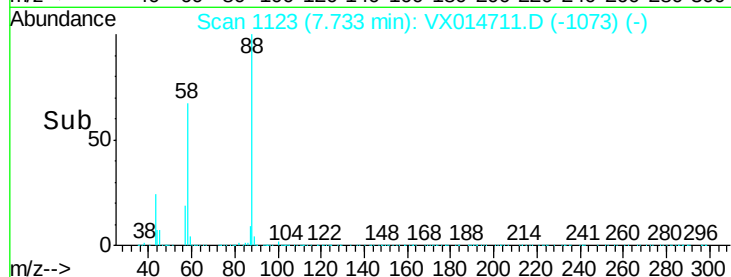
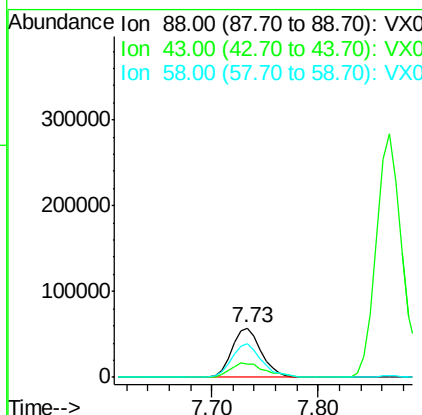
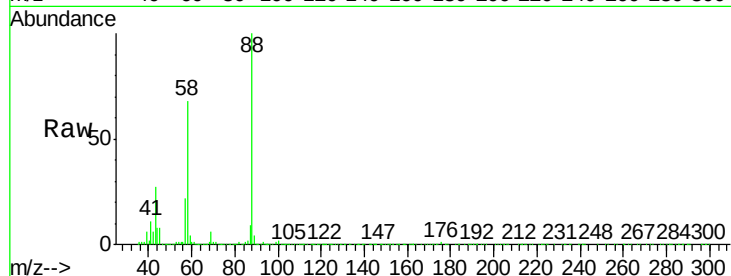
#49
1,4-Dioxane
Concen: 945.105 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.2	39.2
58	70.1	56.6	85.0

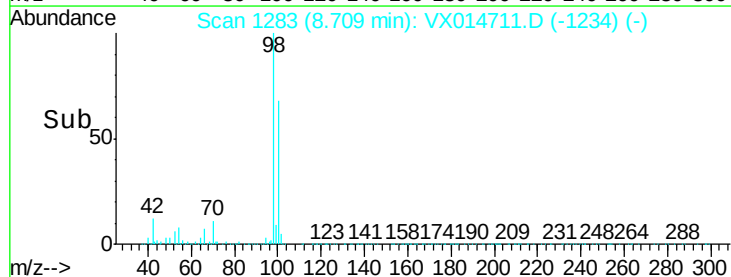
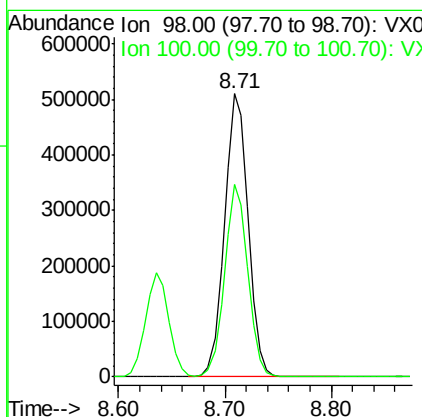
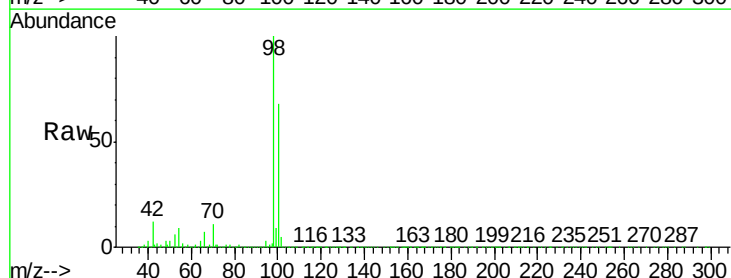
Manual Integrations
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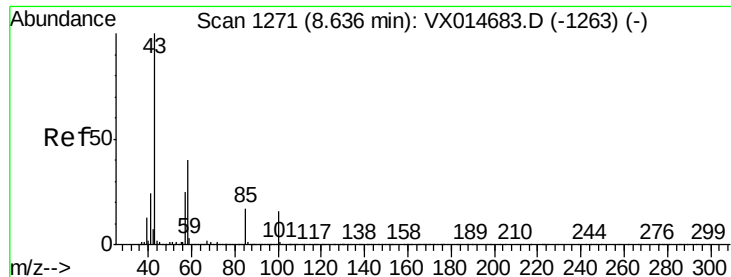
MMDadoda
1/27/2020 10:35:51 AM



#50
Toluene-d8
Concen: 49.235 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 248.091 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 1800085

Ion Ratio Lower Upper

43 100

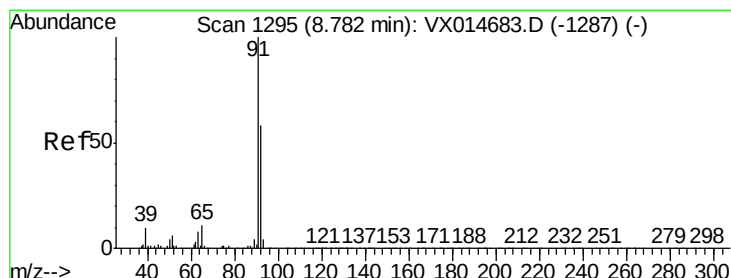
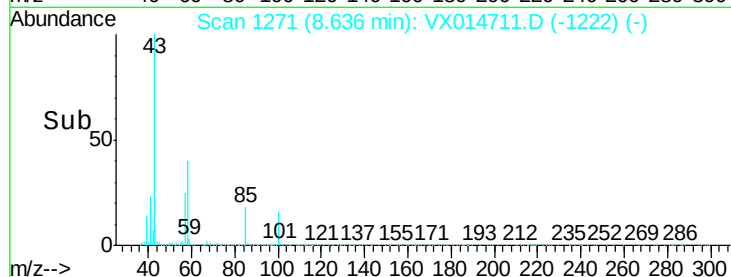
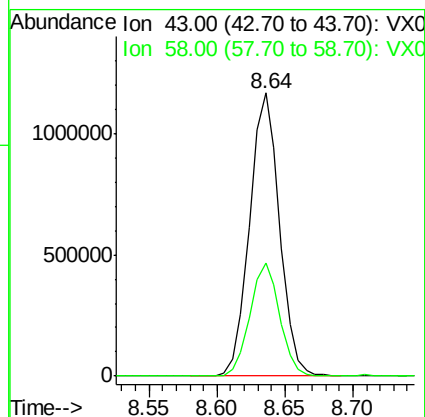
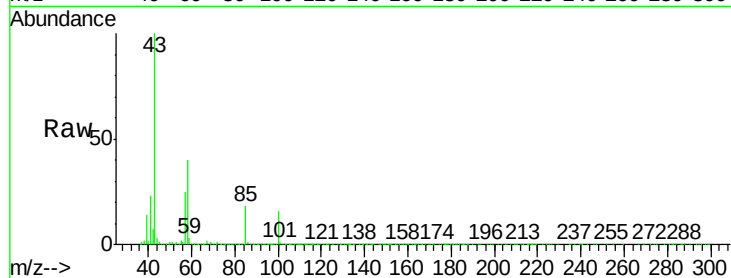
58 39.6 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 50.854 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014711.D

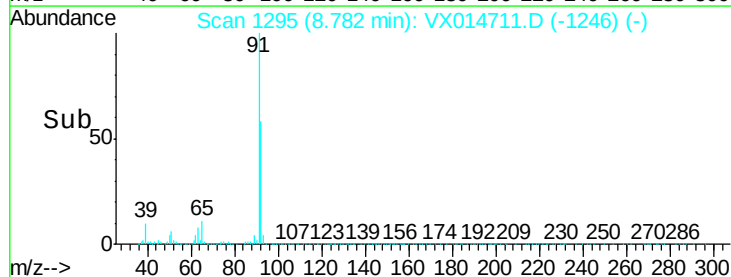
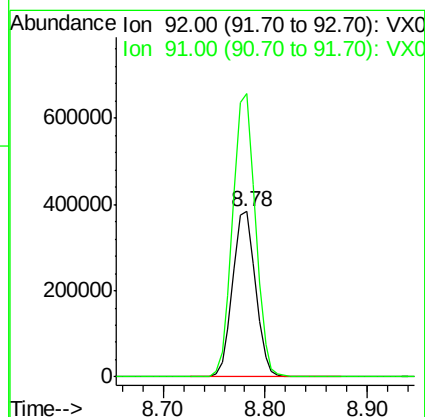
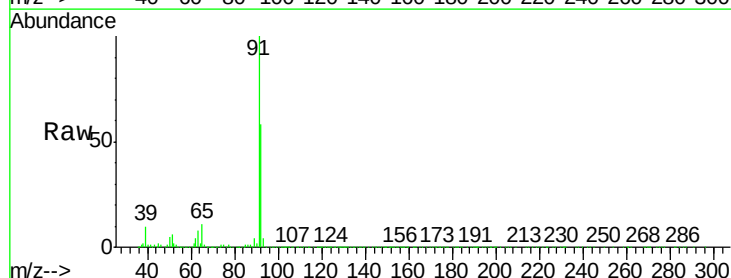
Acq: 24 Jan 2020 20:49

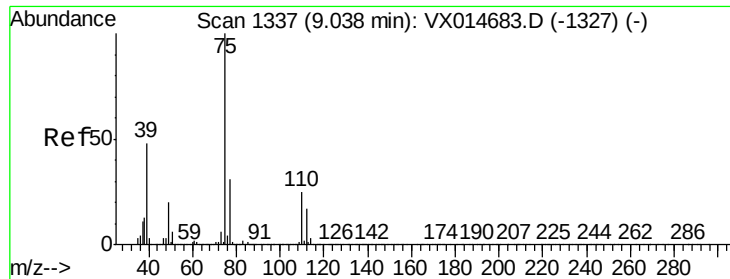
Tgt Ion: 92 Resp: 592031

Ion Ratio Lower Upper

92 100

91 170.2 135.9 203.9





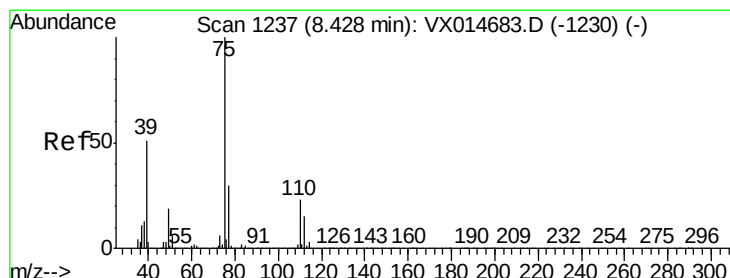
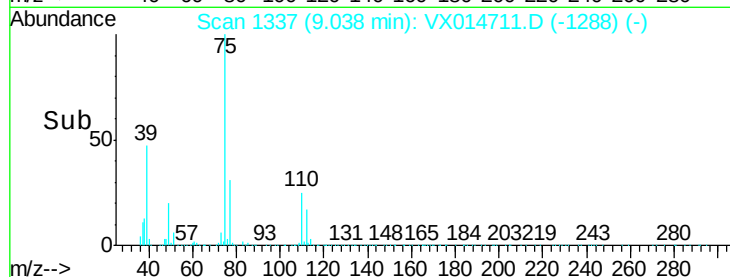
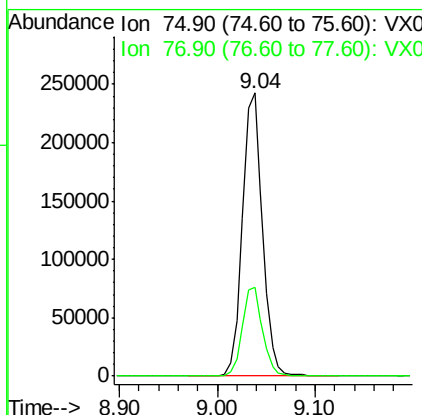
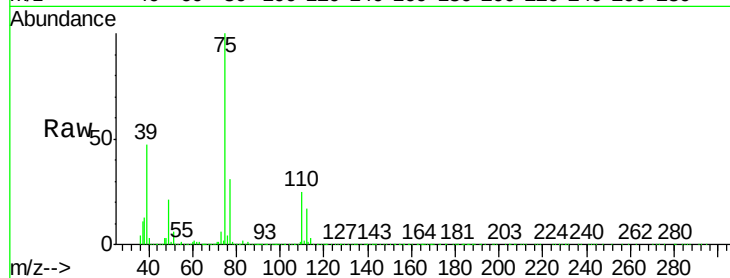
#53
t-1,3-Dichloropropene
Concen: 51.455 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

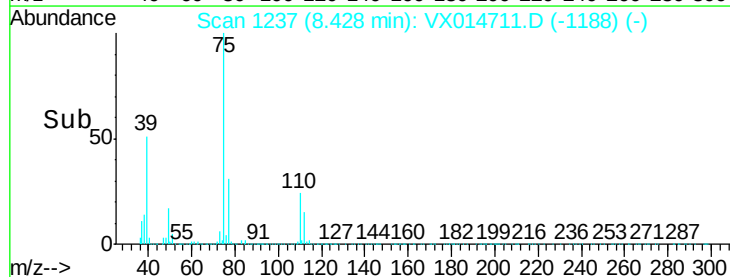
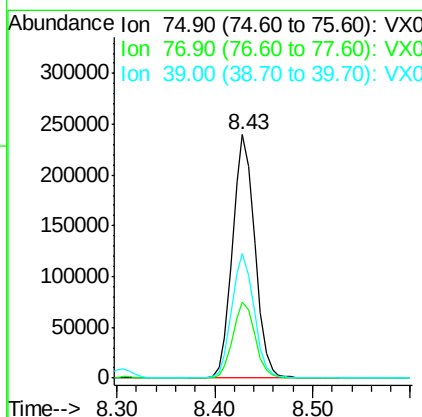
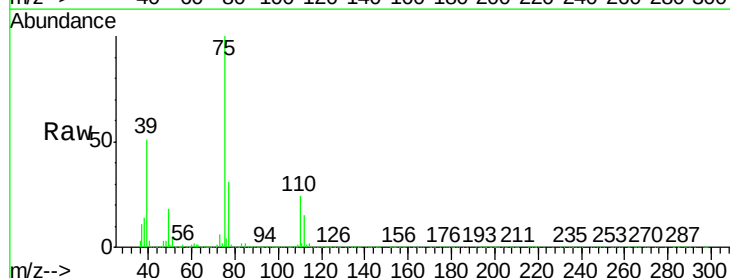
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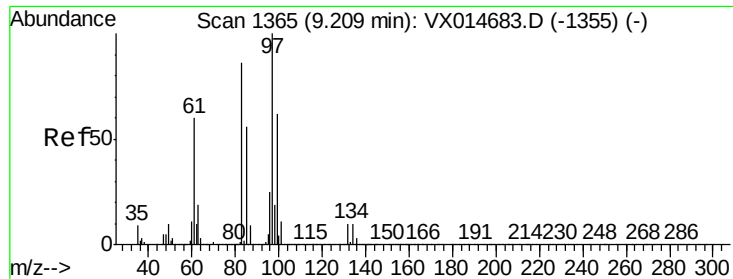
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.773 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	23.9	35.9
39	51.0	40.9	61.3





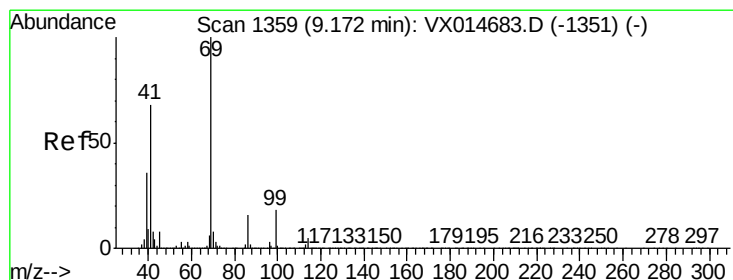
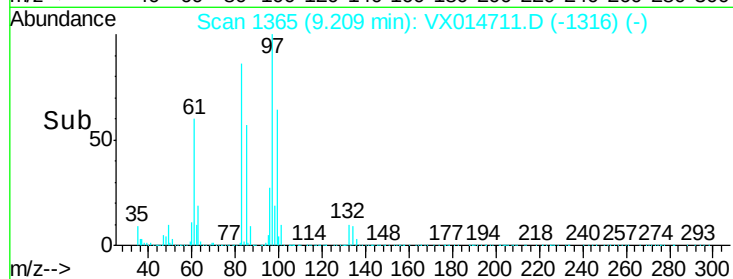
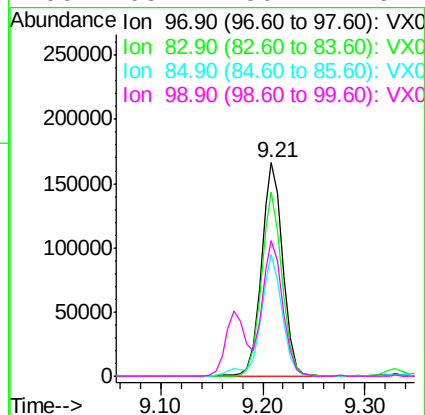
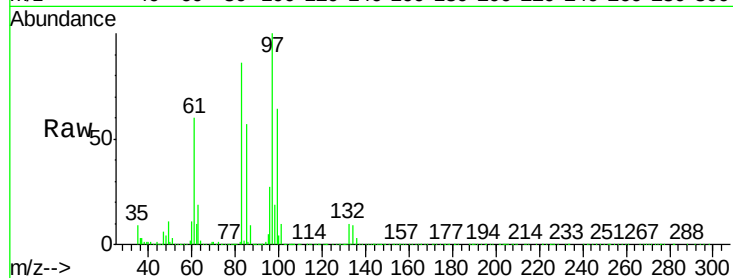
#55
1,1,2-Trichloroethane
Concen: 51.005 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		243112		
83	86.2	69.2	103.8		
85	56.8	44.6	67.0		
99	63.7	50.1	75.1		

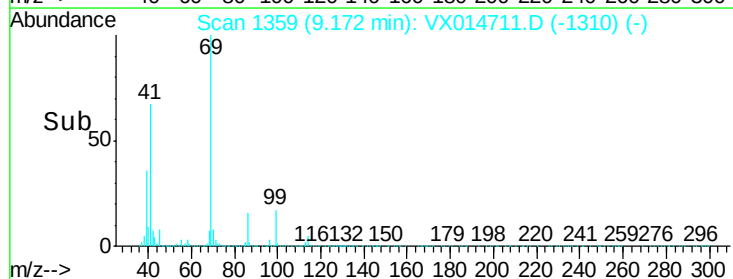
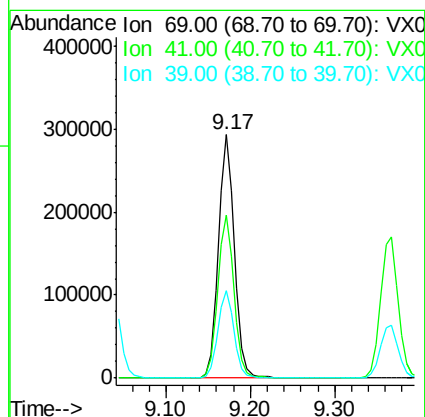
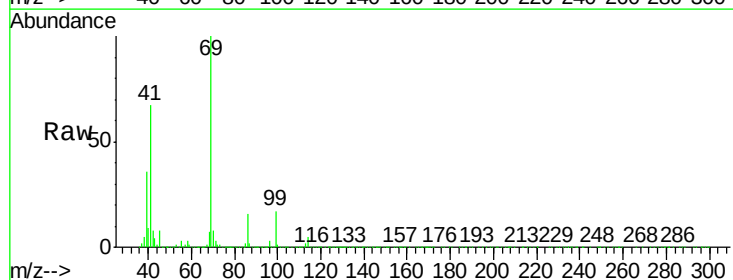
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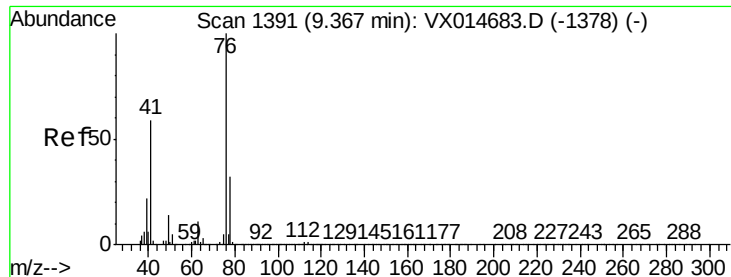
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#56
Ethyl methacrylate
Concen: 47.556 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		383551		
41	68.4	54.9	82.3		
39	36.1	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 50.039 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 407720

Ion Ratio Lower Upper

76 100

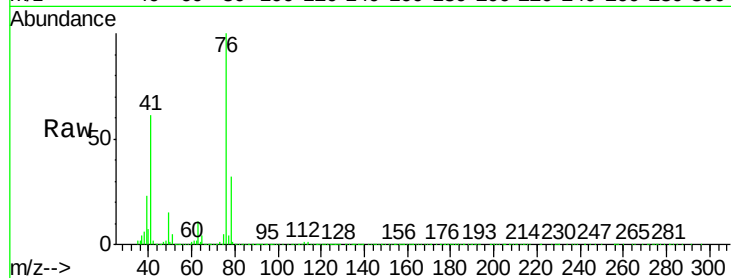
78 32.7 26.0 39.0

Manual Integrations

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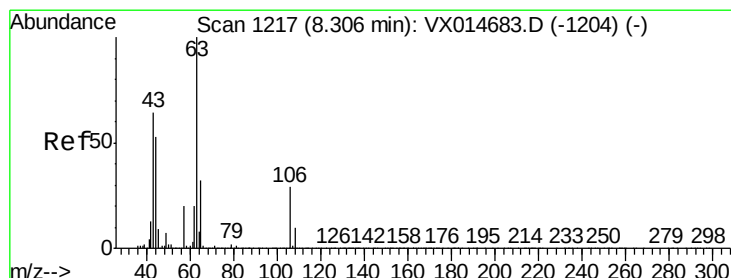
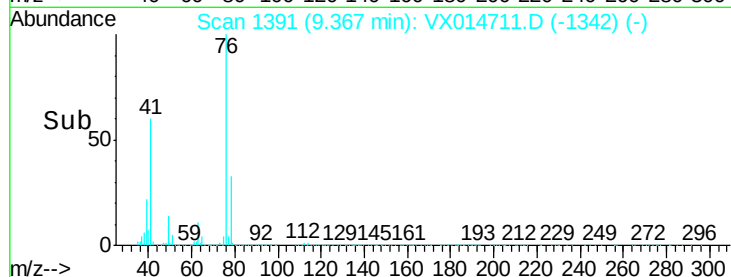
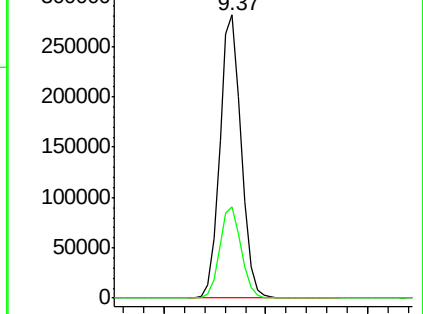
MMDadoda

1/27/2020 10:35:51 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.930 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014711.D

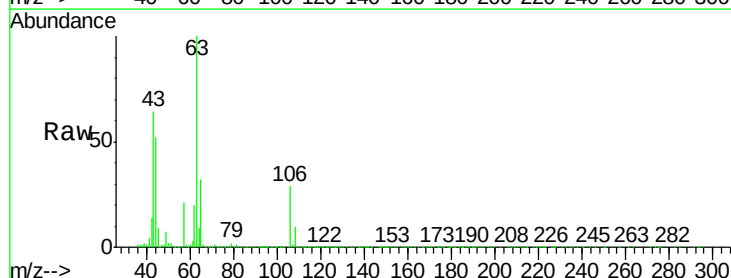
Acq: 24 Jan 2020 20:49

Tgt Ion: 63 Resp: 627864

Ion Ratio Lower Upper

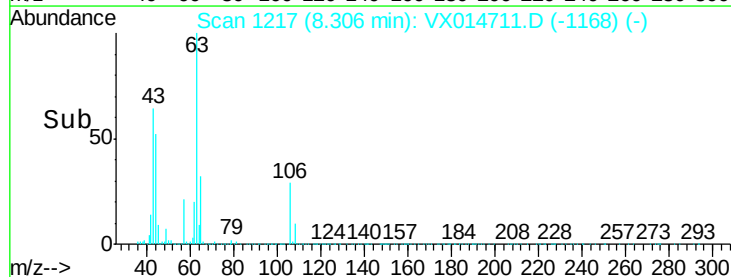
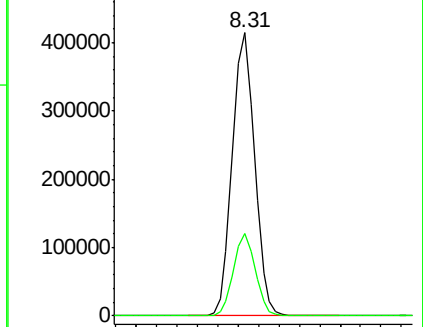
63 100

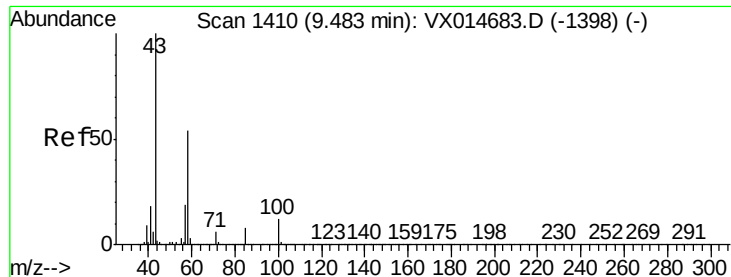
106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





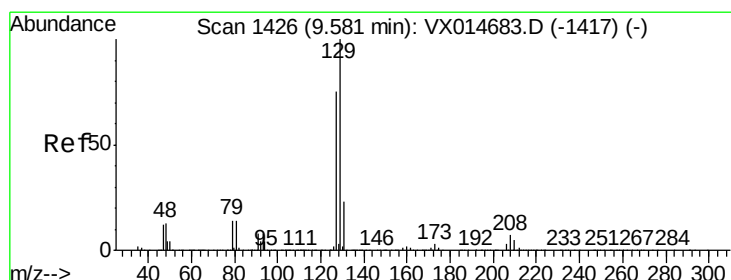
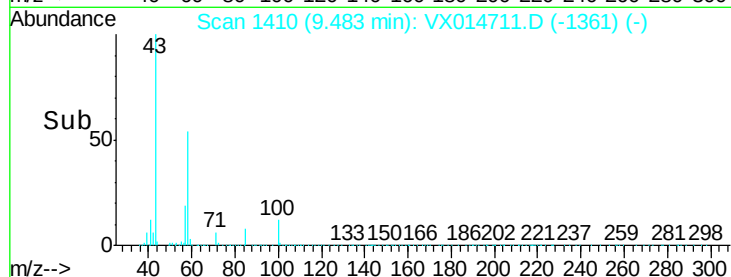
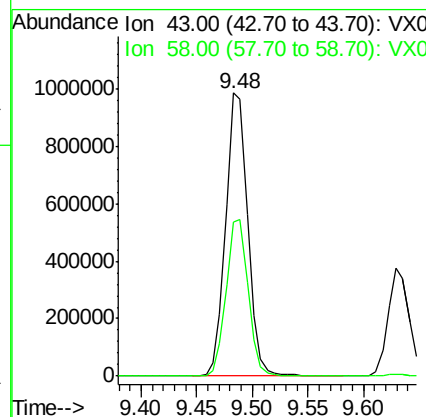
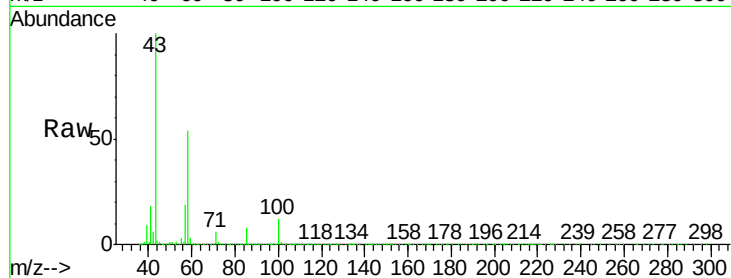
#59
2-Hexanone
Concen: 240.317 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1353072
Ion Ratio Lower Upper
43 100
58 55.3 27.2 81.5

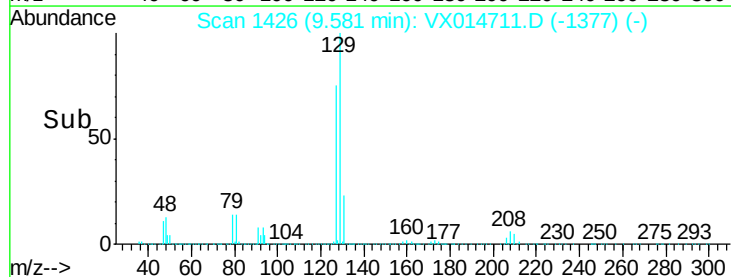
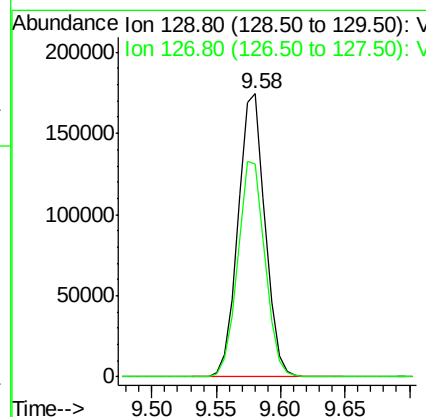
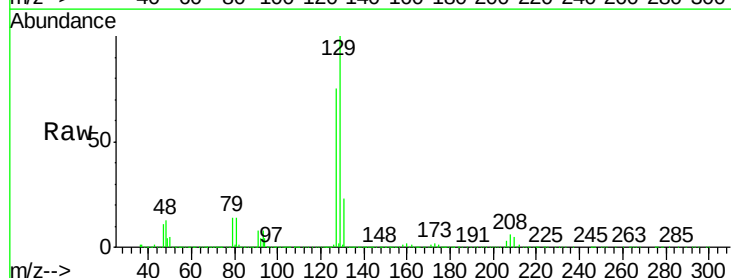
Manual Integrations
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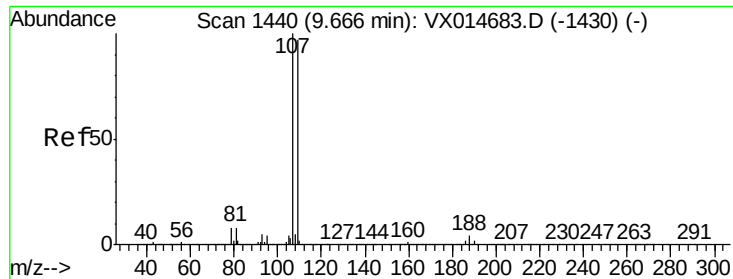
MMDadoda
1/27/2020 10:35:51 AM



#60
Dibromochloromethane
Concen: 51.061 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion: 129 Resp: 254036
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.432 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 254152

Ion Ratio Lower Upper

107 100

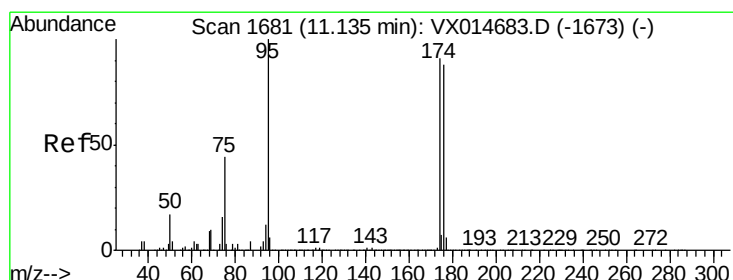
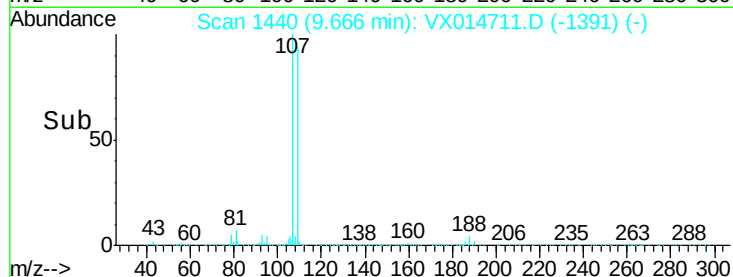
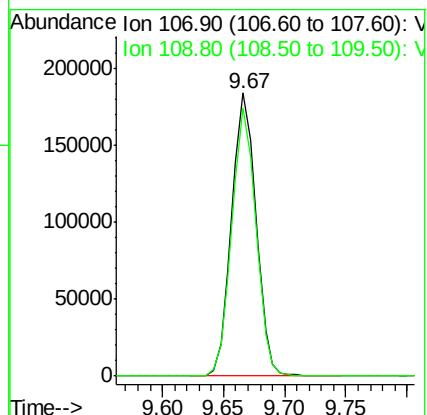
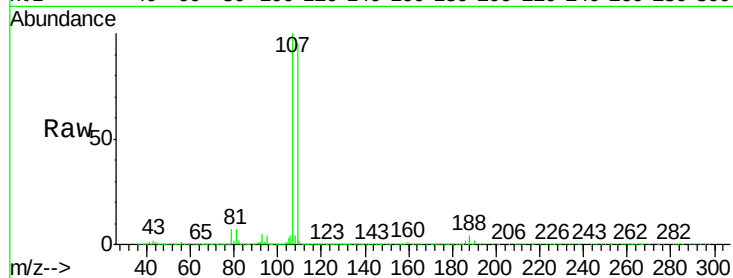
109 93.5 76.2 114.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.996 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

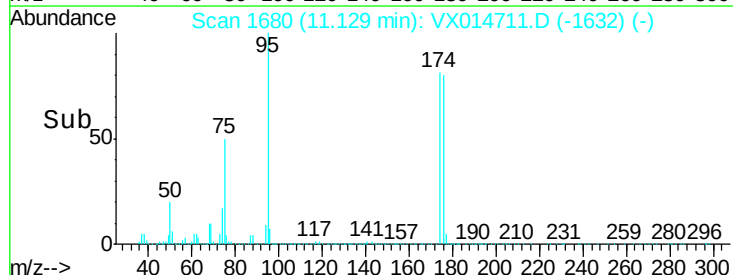
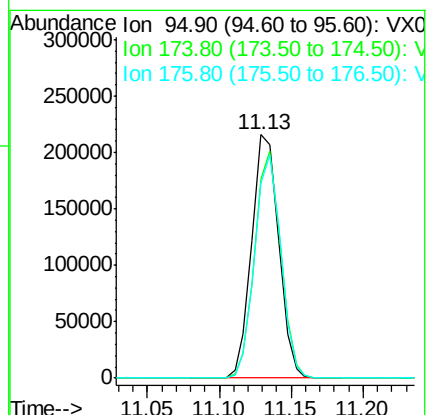
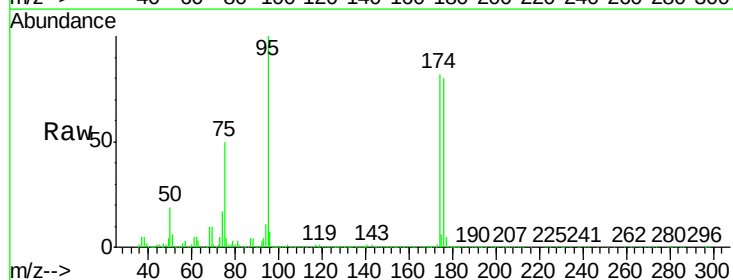
Tgt Ion: 95 Resp: 279284

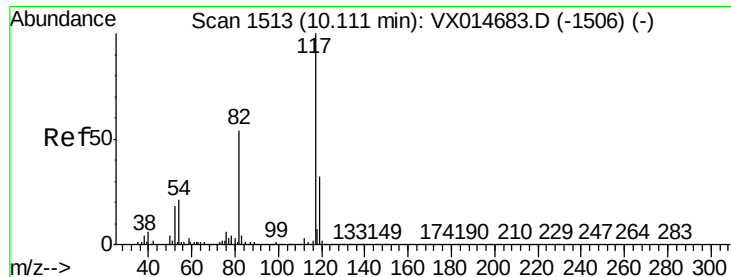
Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.0

176 88.6 0.0 172.2





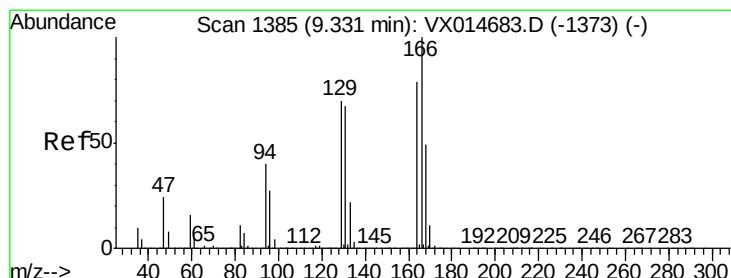
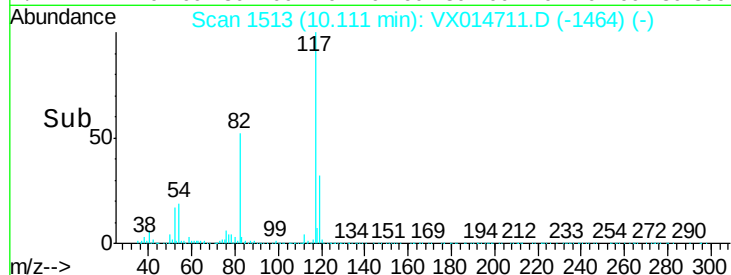
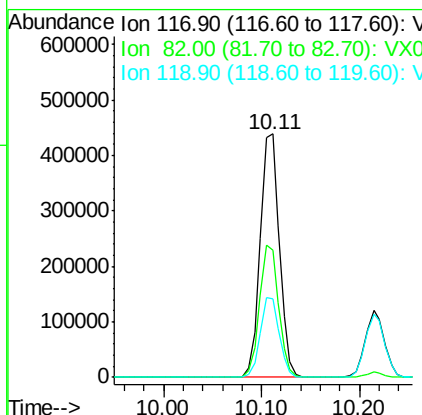
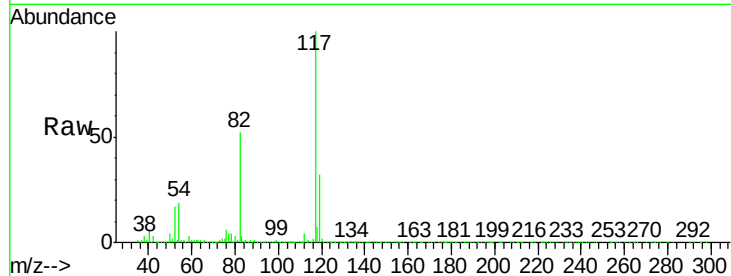
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.2	64.8
119	32.4	25.8	38.6

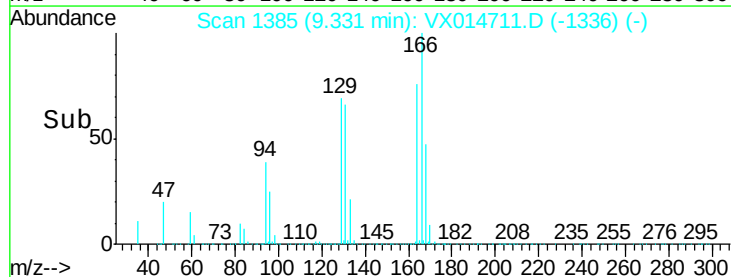
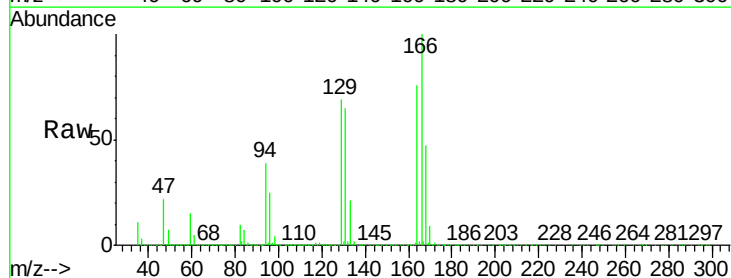
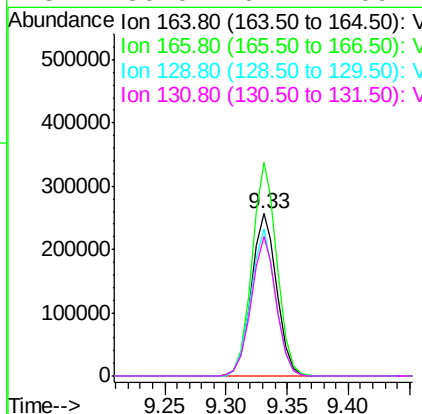
Manual Integrations
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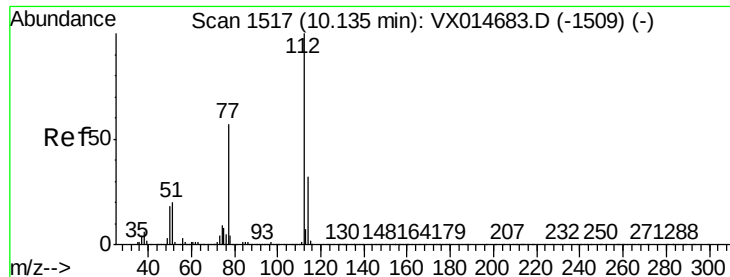
MMDadoda
1/27/2020 10:35:51 AM



#64
Tetrachloroethene
Concen: 62.429 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	100.9	151.3
129	90.4	71.0	106.6
131	86.0	67.1	100.7





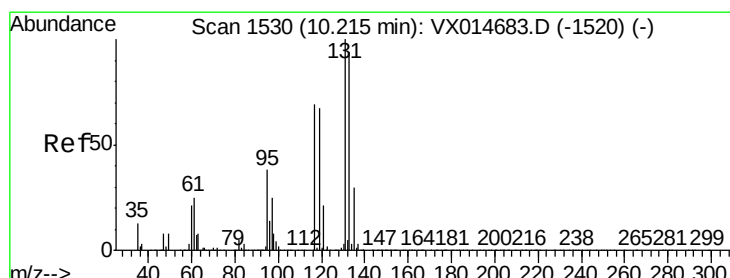
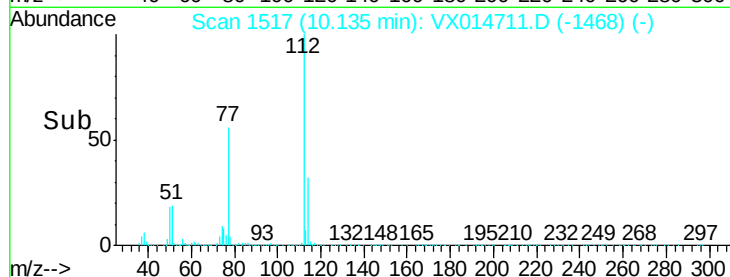
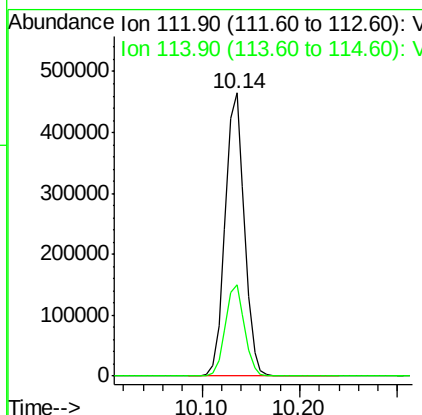
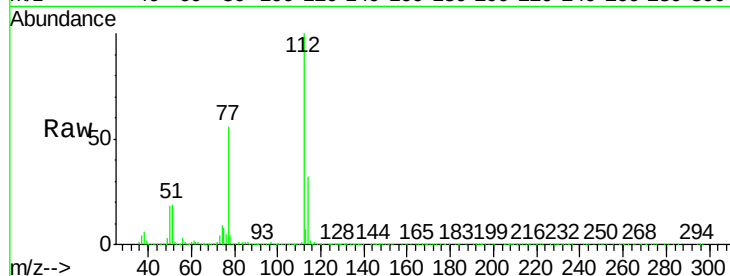
#65
Chlorobenzene
Concen: 49.287 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

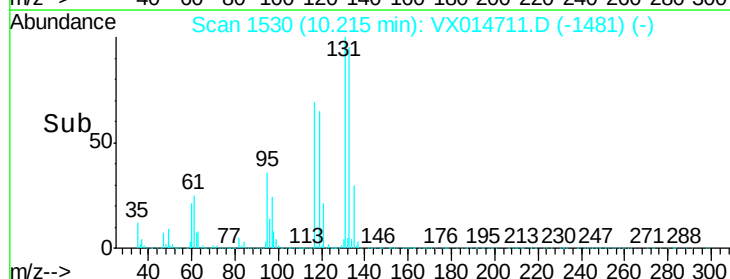
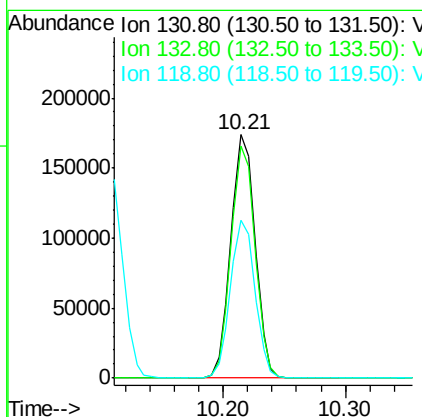
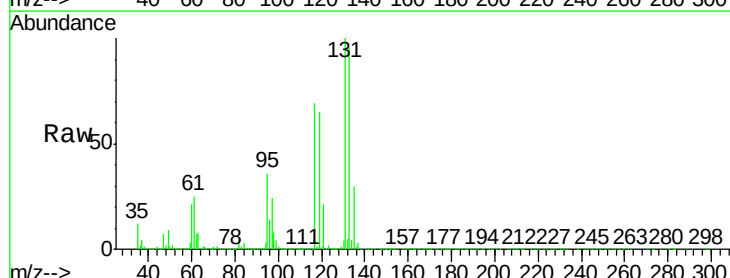
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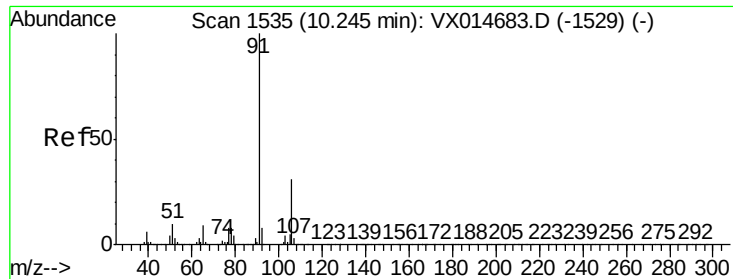
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.368 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.4	142.3
119	65.6	33.3	99.8





#67

Ethyl Benzene

Concen: 51.158 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1121073

Ion Ratio Lower Upper

91 100

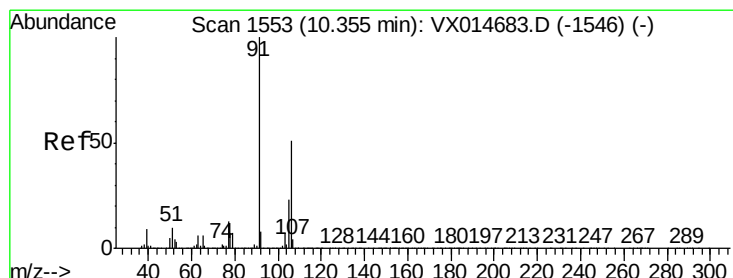
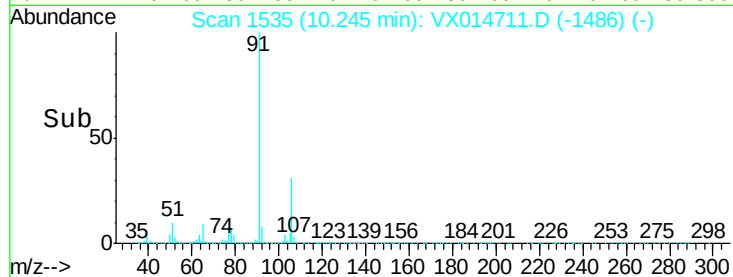
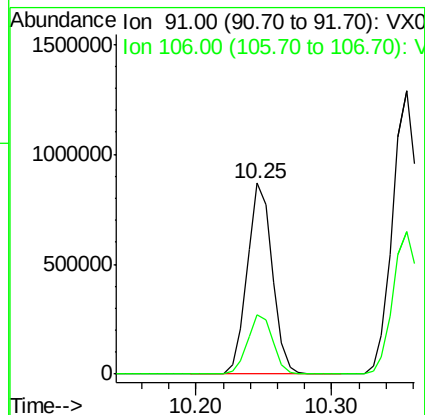
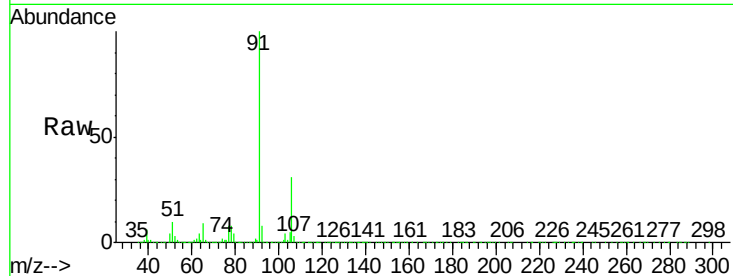
106 31.0 24.9 37.3

Manual Integrations

APPROVED

MMDadoda

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#68

m/p-Xylenes

Concen: 104.051 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014711.D

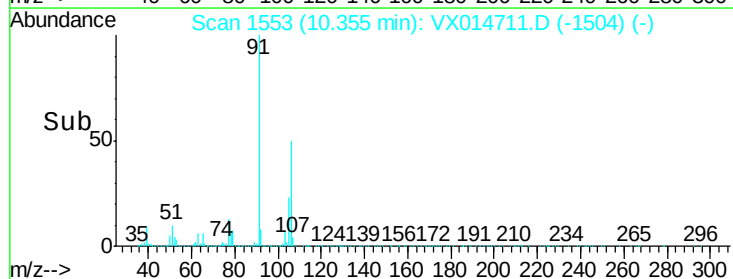
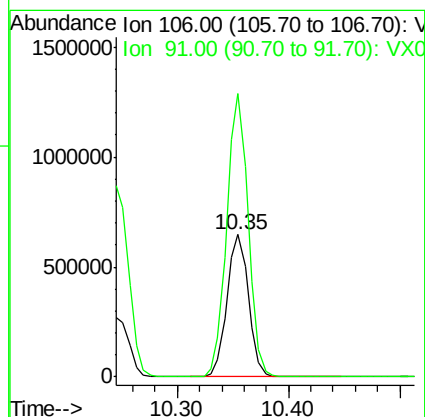
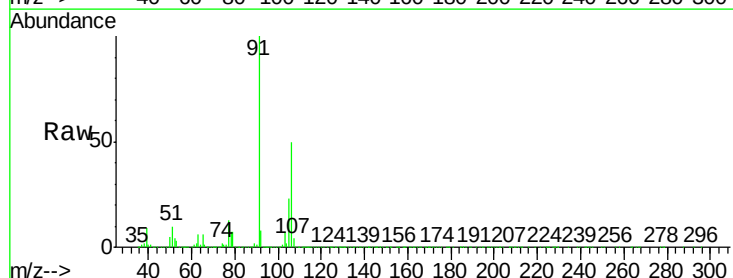
Acq: 24 Jan 2020 20:49

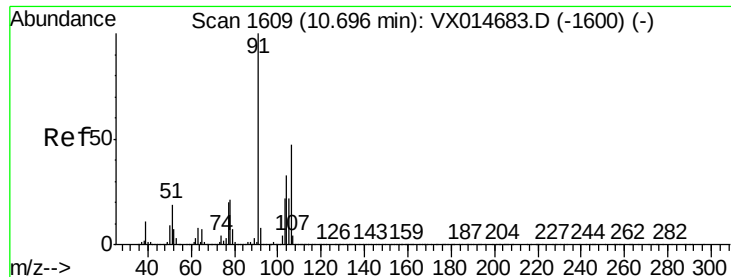
Tgt Ion: 106 Resp: 863831

Ion Ratio Lower Upper

106 100

91 198.3 159.4 239.2





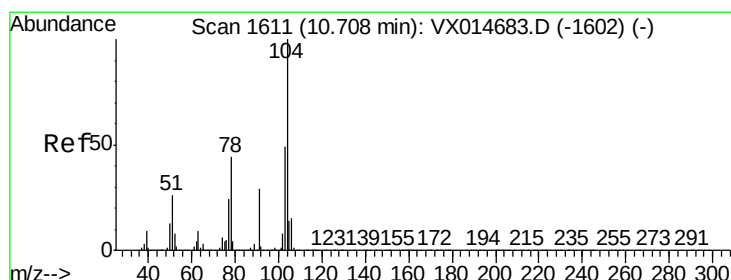
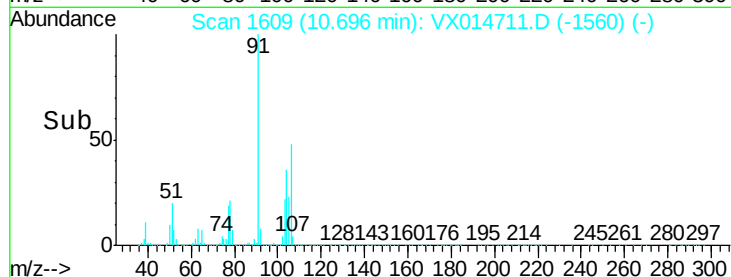
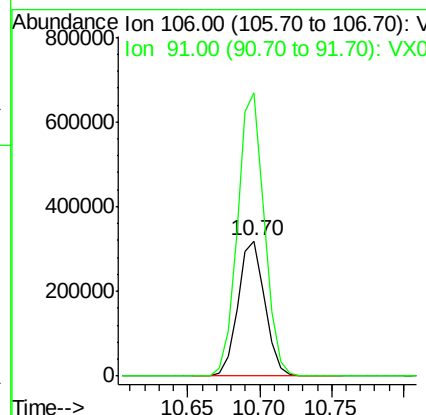
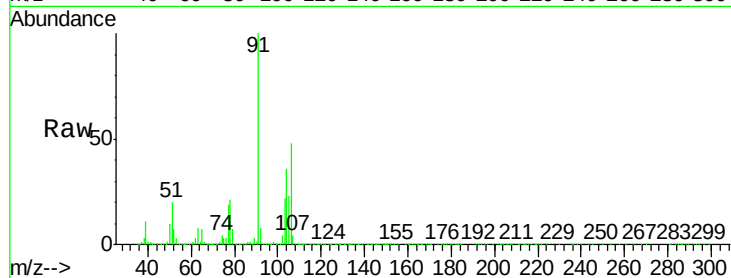
#69
o-Xylene
Concen: 51.654 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	106.2	318.6

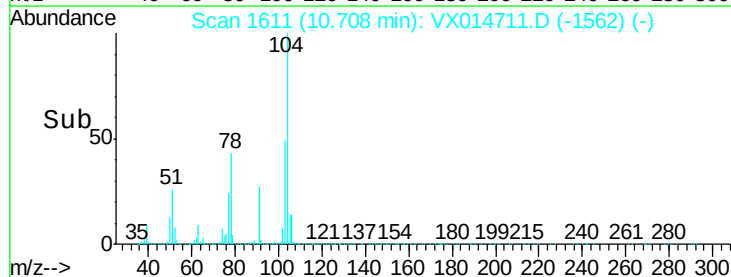
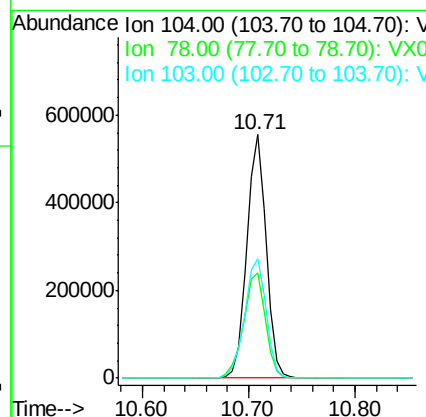
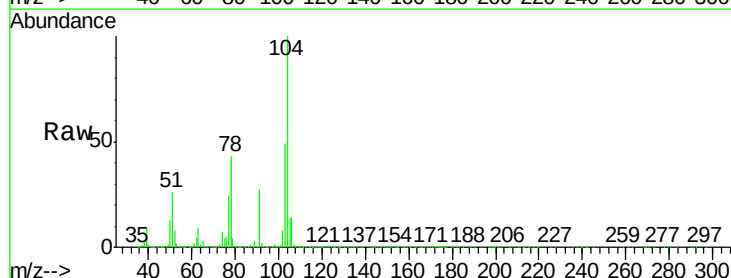
Manual Integrations
APPROVED

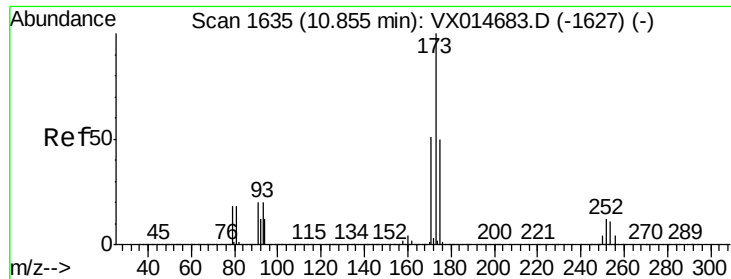
MMDadoda
1/27/2020 10:35:51 AM



#70
Styrene
Concen: 52.996 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.3	58.9
103	54.7	43.5	65.3





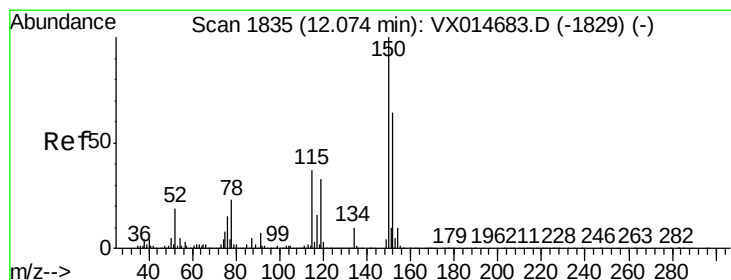
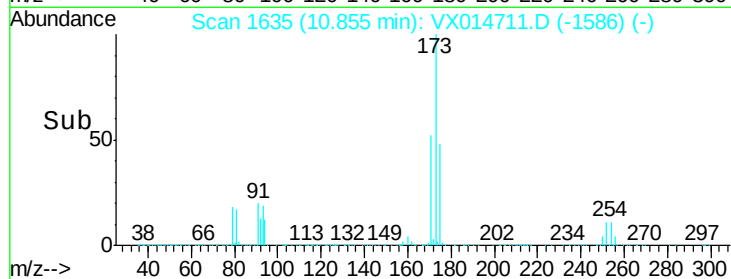
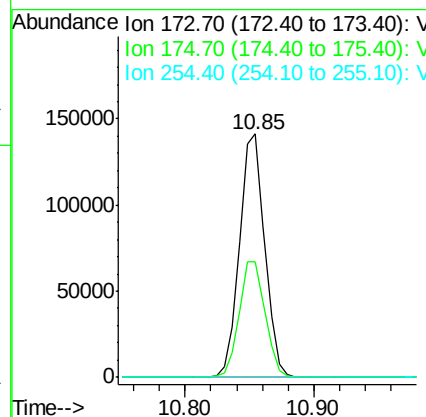
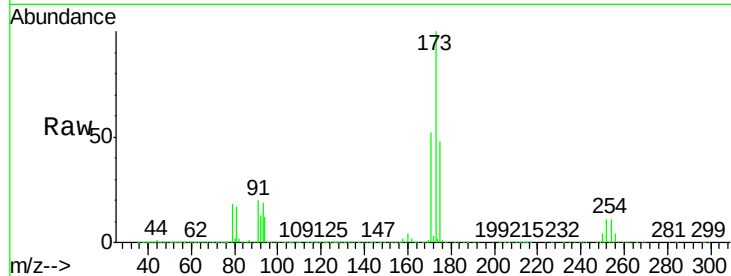
#71
Bromoform
Concen: 51.135 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	73.6
254	0.2	0.1	0.1#

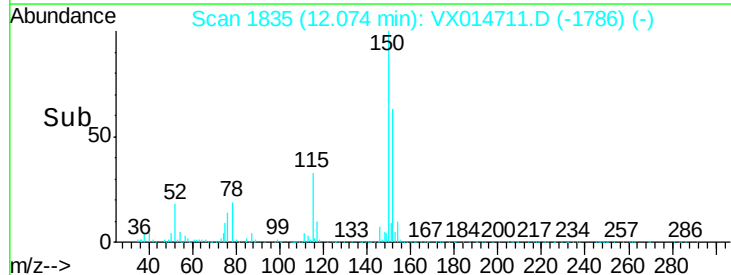
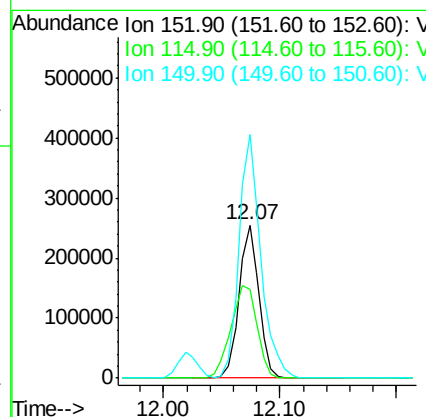
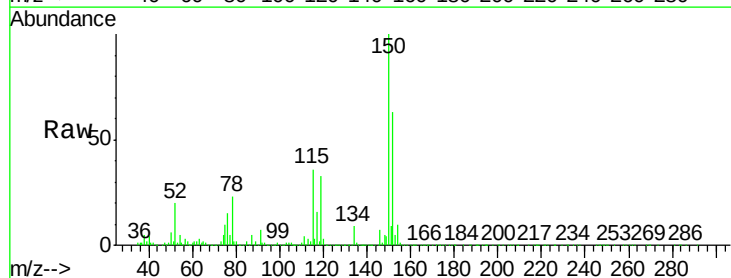
Manual Integrations
APPROVED

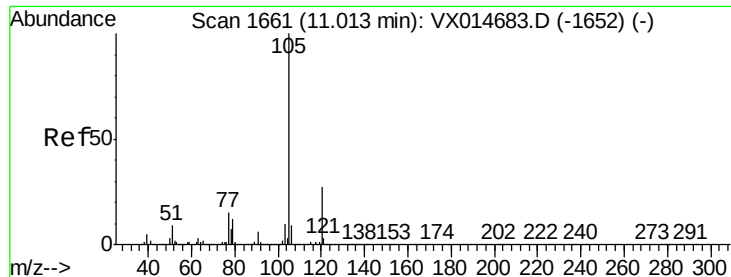
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	39.4	118.1
150	175.7	0.0	351.2





#73

Isopropylbenzene

Concen: 51.863 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1096434

Ion Ratio Lower Upper

105 100

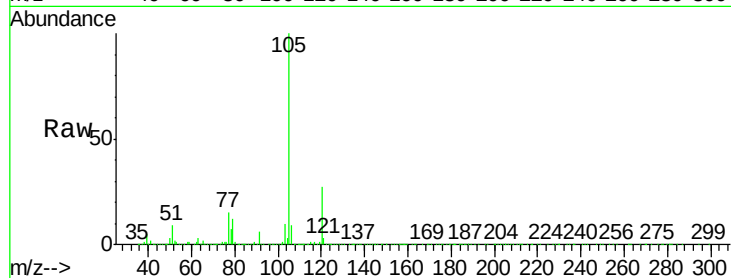
120 27.0 13.5 40.5

Manual Integrations

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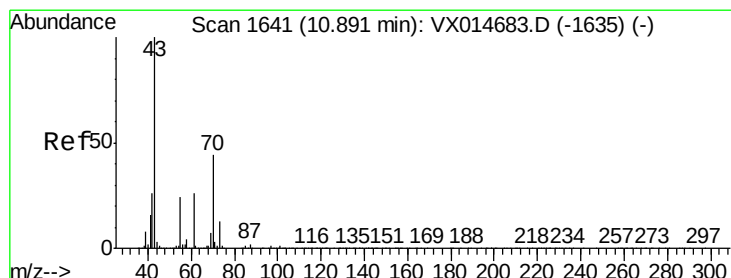
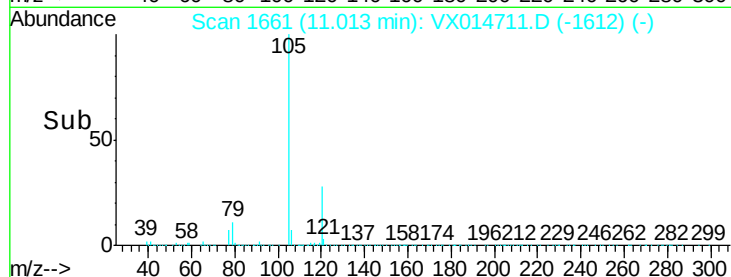
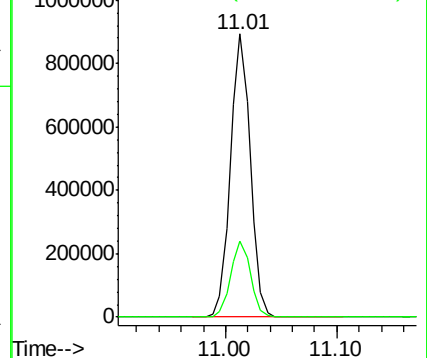
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.124 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion: 43 Resp: 501422

Ion Ratio Lower Upper

43 100

70 43.8 34.6 52.0

55 24.4 19.4 29.2

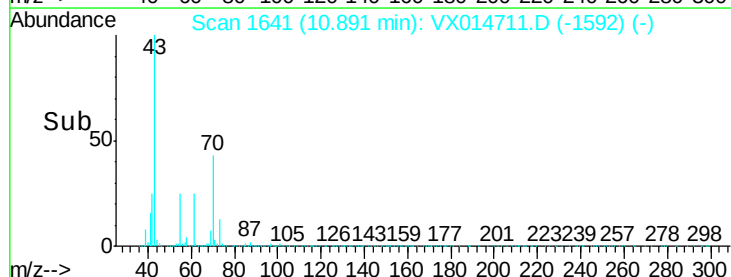
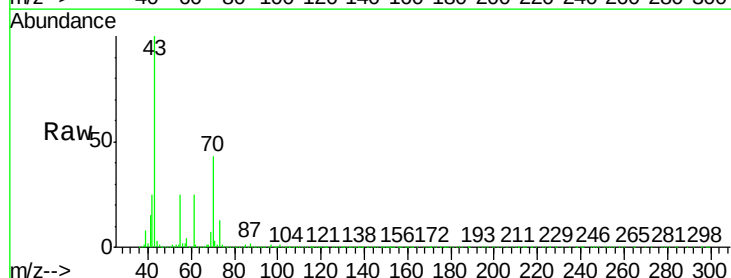
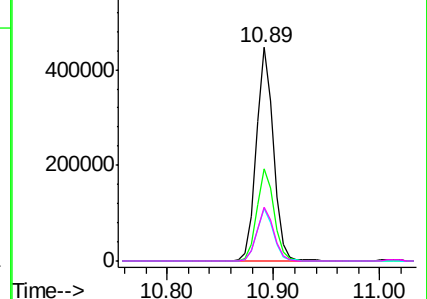
61 24.8 19.8 29.6

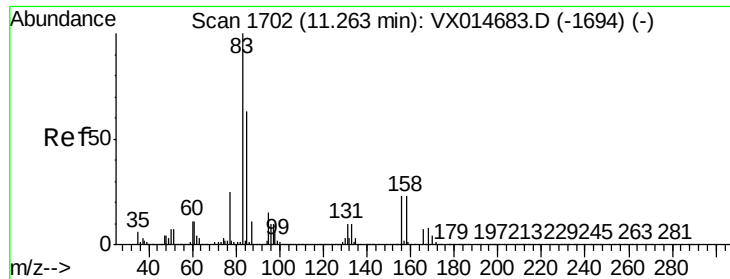
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.899 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

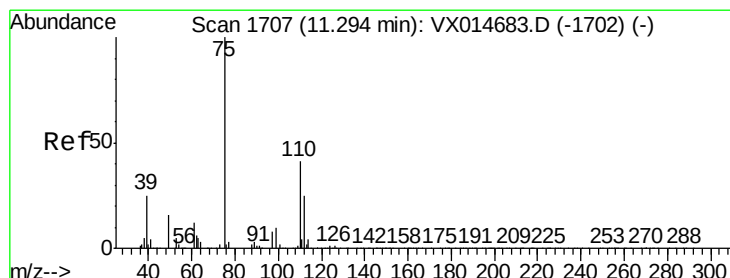
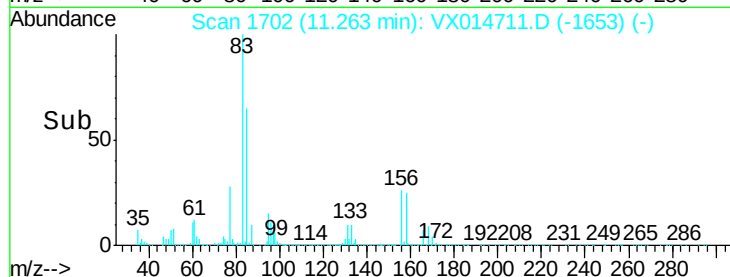
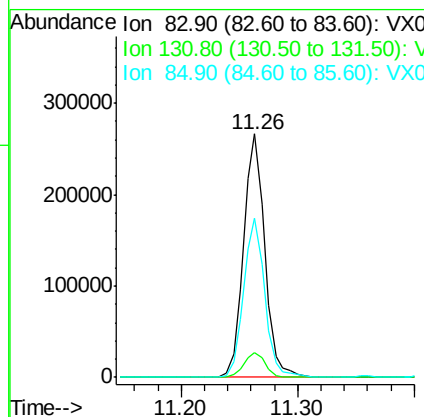
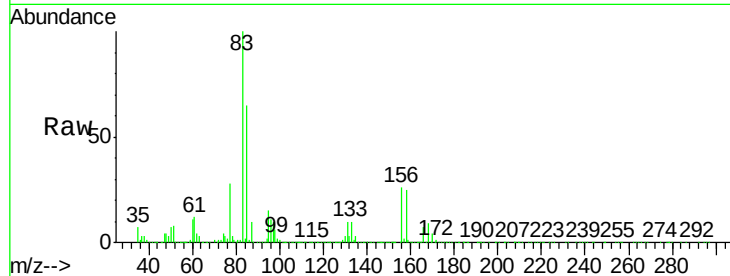
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	338917
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	65.0	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.729 ug/l m

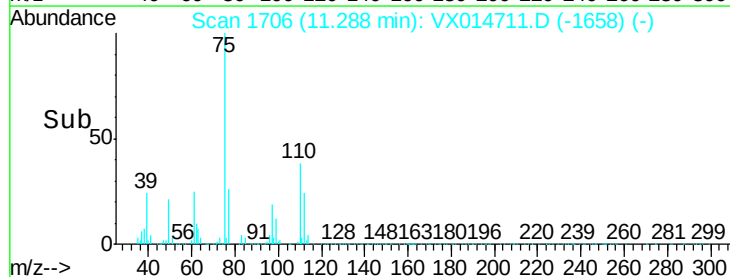
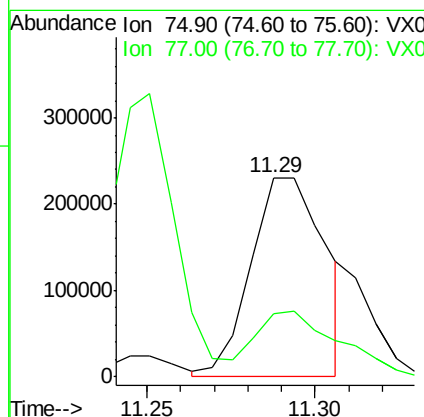
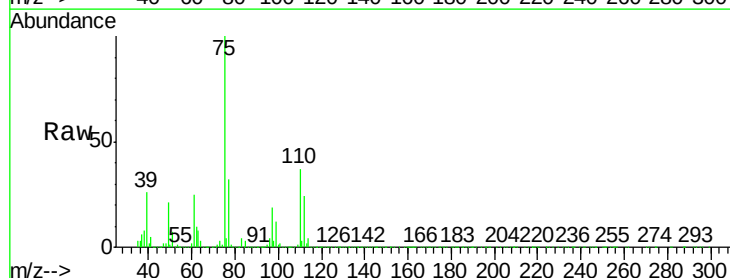
RT: 11.29 min Scan# 1706

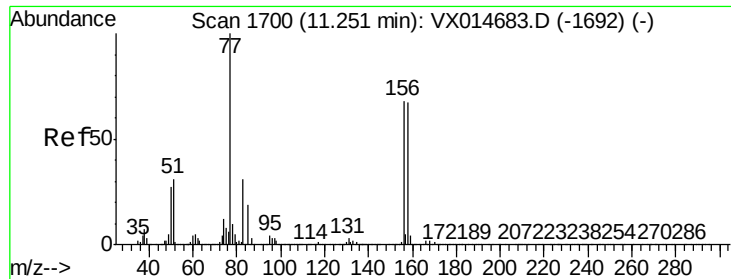
Delta R.T. -0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:	75	Resp:	354862
Ion Ratio	Lower	Upper	
75	100		
77	36.7	18.7	56.1





#77

Bromobenzene

Concen: 50.609 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

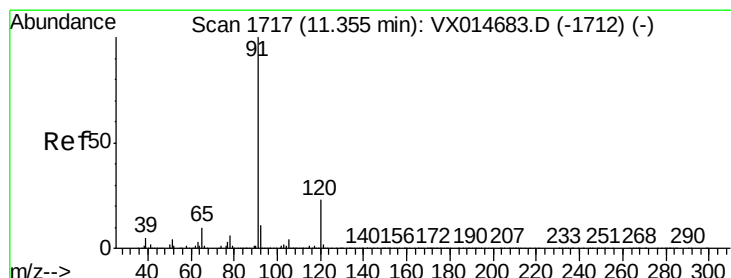
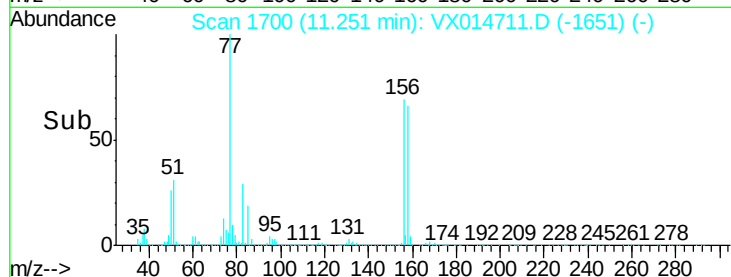
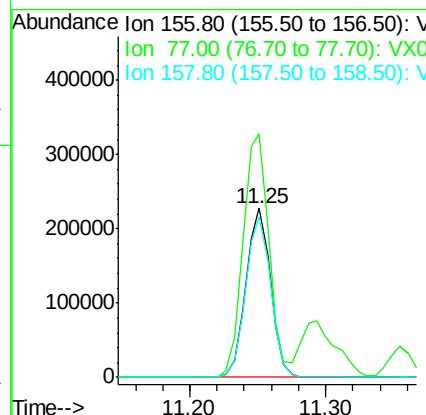
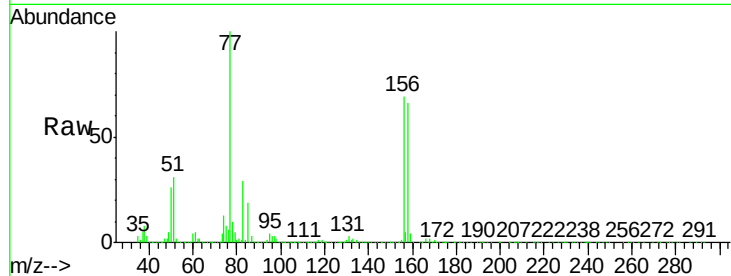
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.9	77.5	232.5
158	96.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 52.161 ug/l

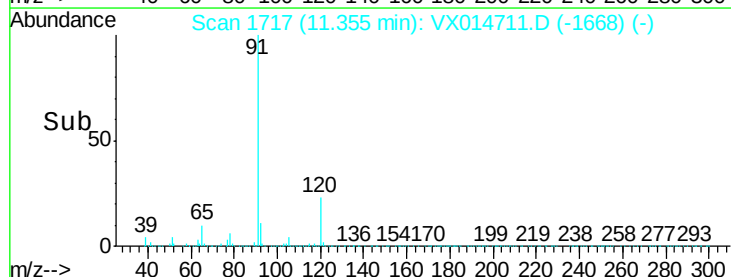
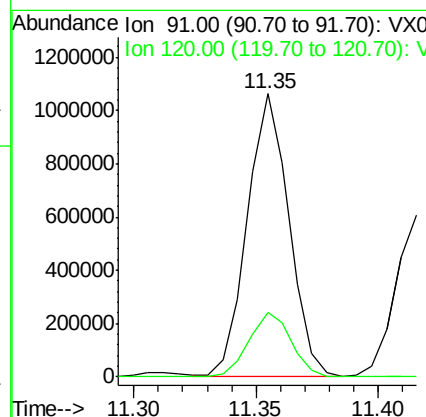
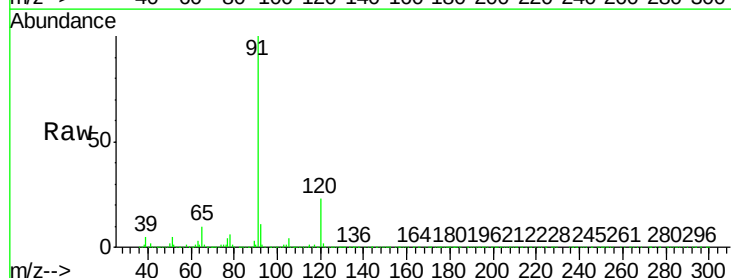
RT: 11.35 min Scan# 1717

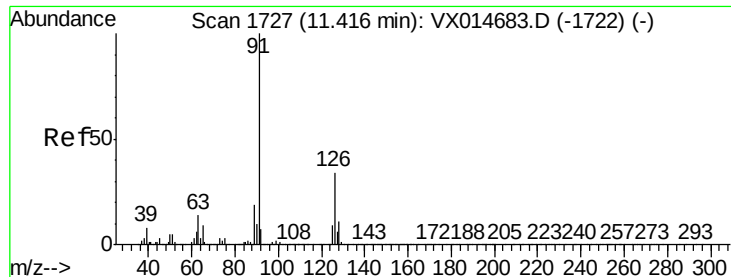
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.576 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 734352

Ion Ratio Lower Upper

91 100

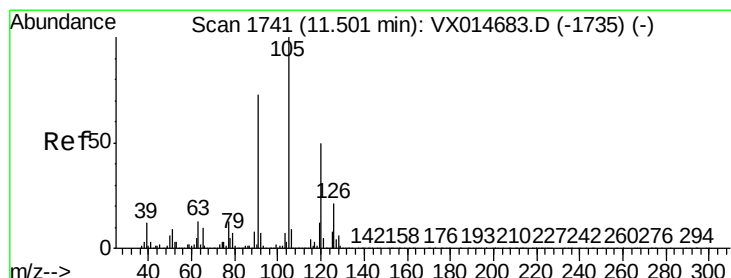
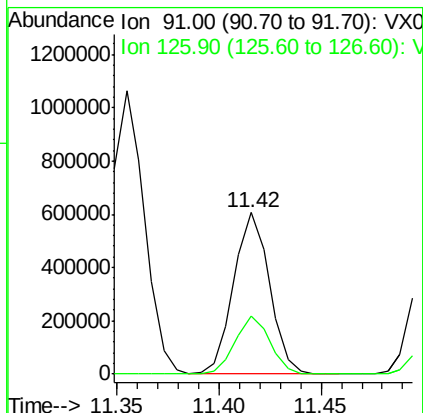
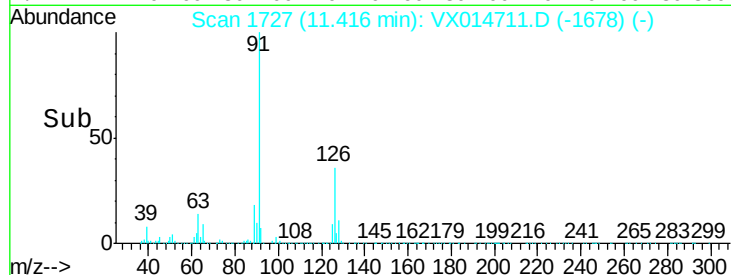
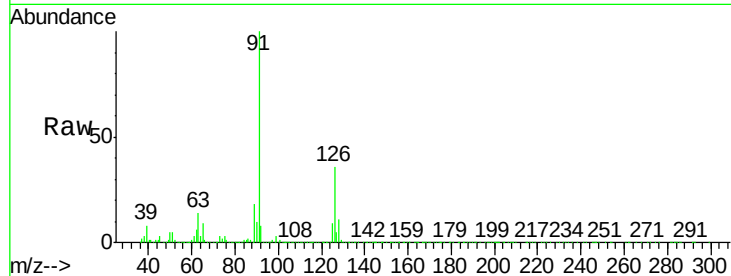
126 35.3 17.3 51.9

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#80

1,3,5-Trimethylbenzene

Concen: 52.569 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014711.D

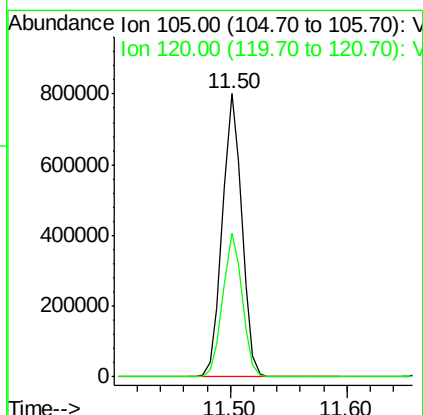
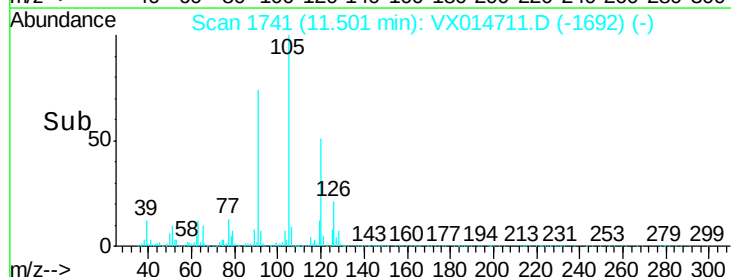
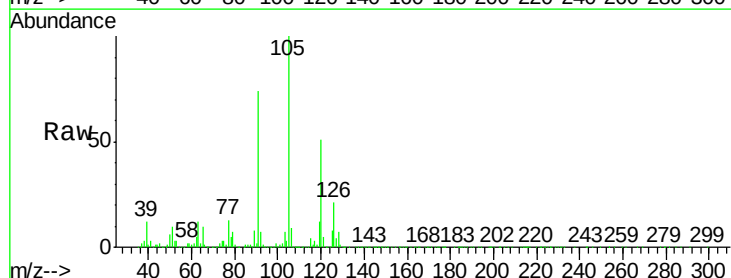
Acq: 24 Jan 2020 20:49

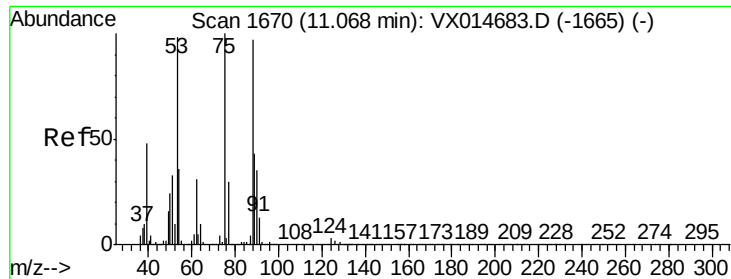
Tgt Ion: 105 Resp: 922392

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.6





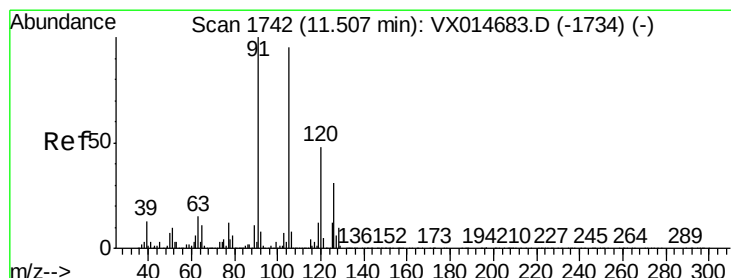
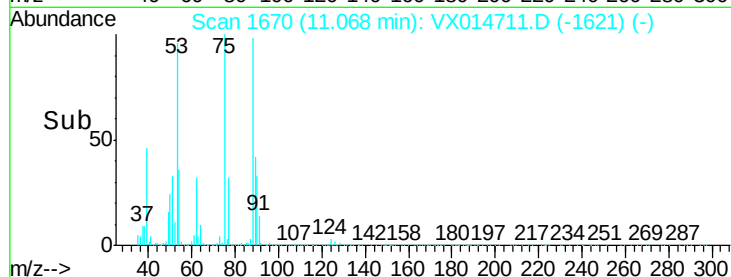
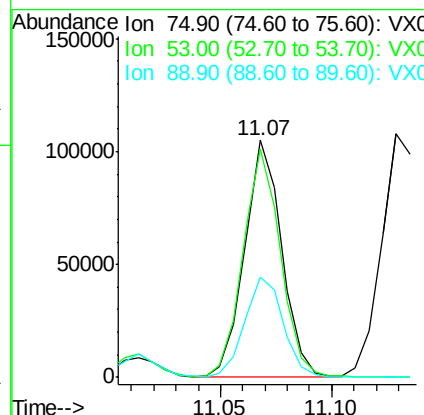
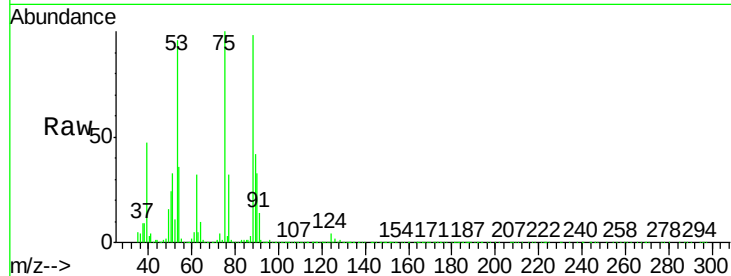
#81
trans-1,4-Dichloro-2-butene
Concen: 49.424 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	78.8	118.2
89	44.4	35.4	53.0

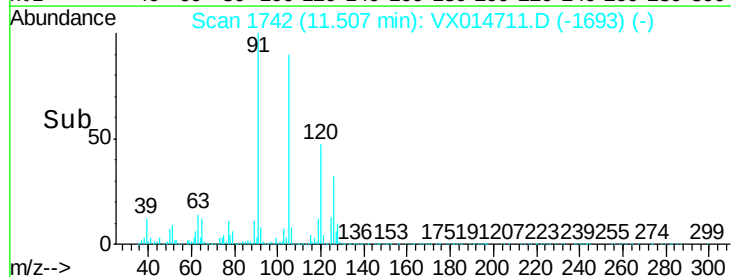
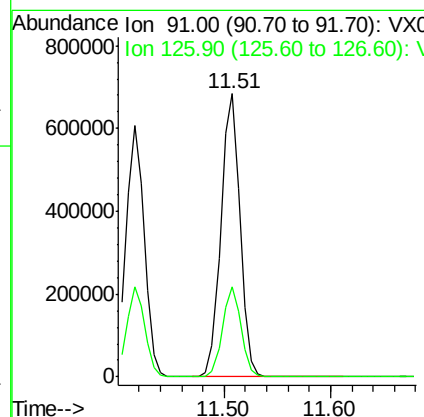
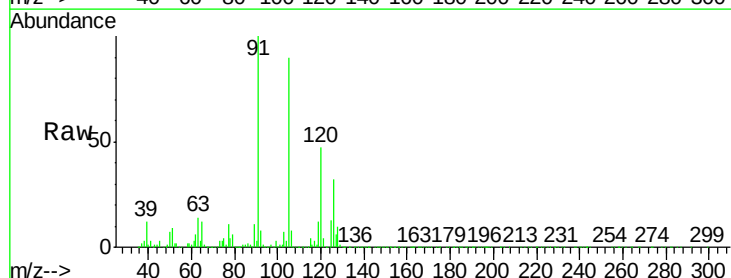
Manual Integrations
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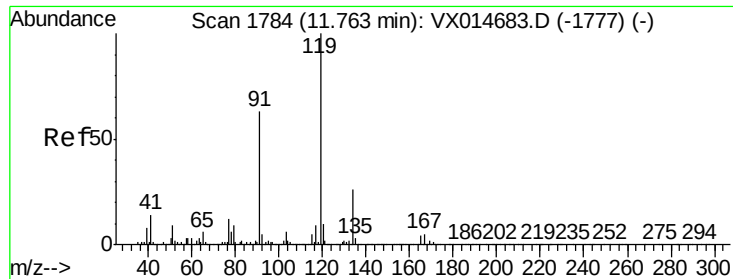
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#82
4-Chlorotoluene
Concen: 51.248 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





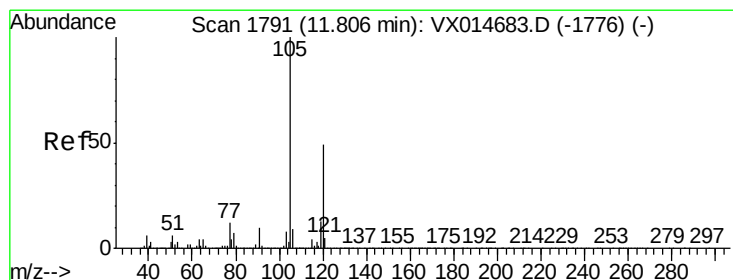
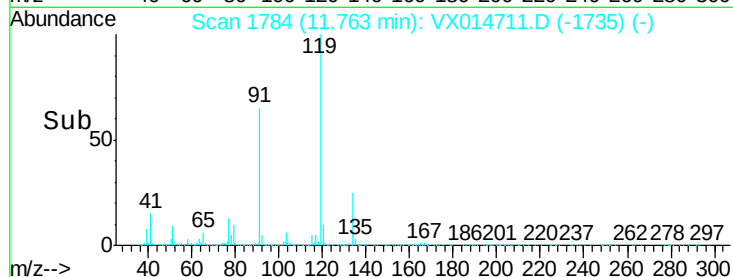
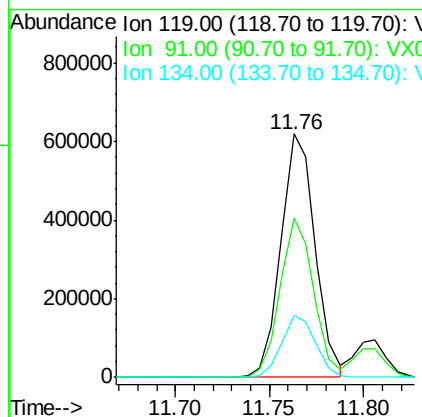
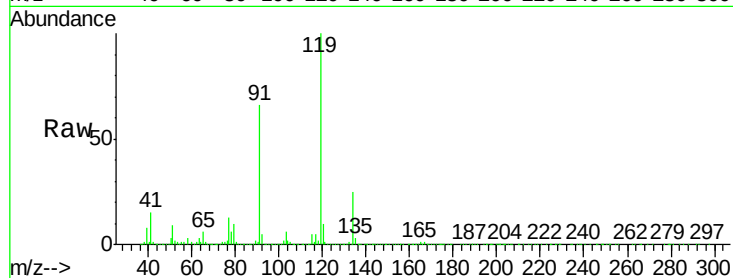
#83
tert-Butylbenzene
Concen: 47.137 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	30.0	90.0
134	25.4	12.7	38.0

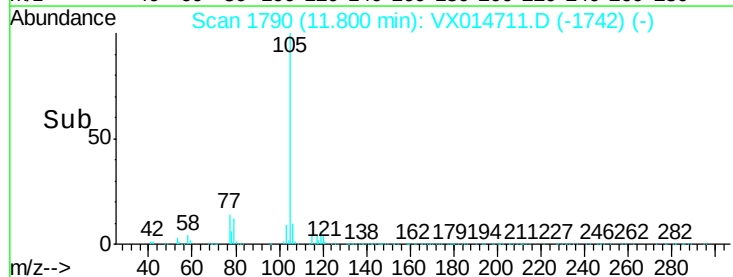
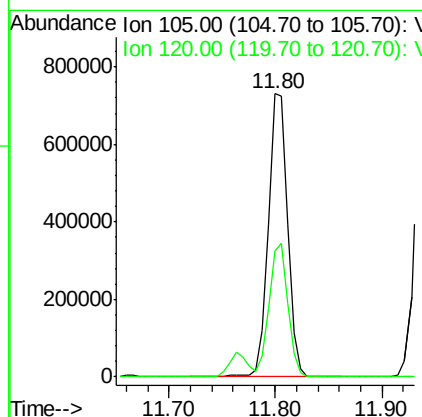
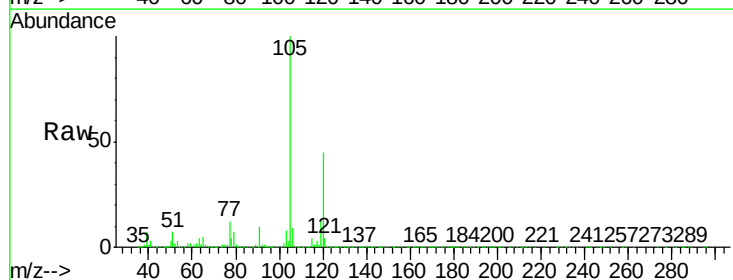
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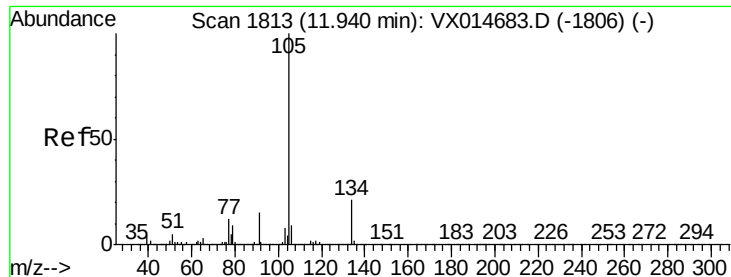
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#84
1,2,4-Trimethylbenzene
Concen: 52.809 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 52.005 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 1050431

Ion Ratio Lower Upper

105 100

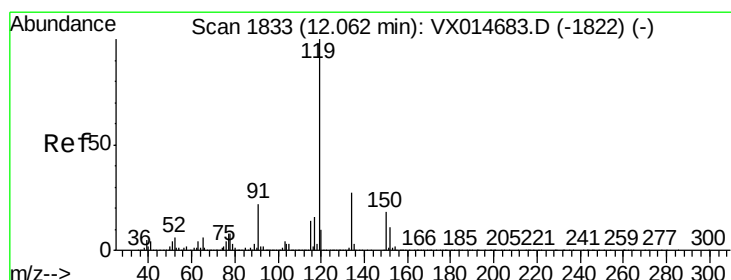
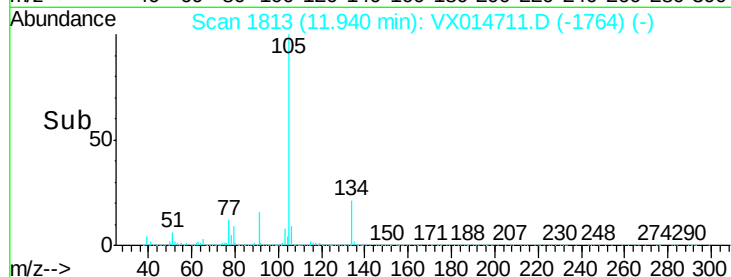
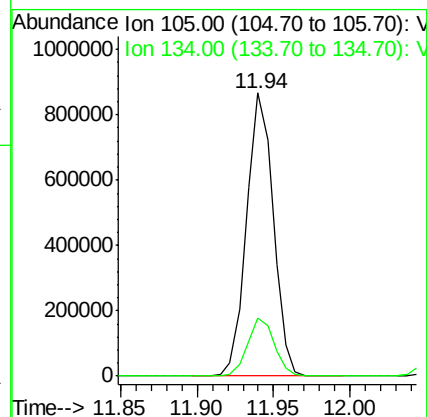
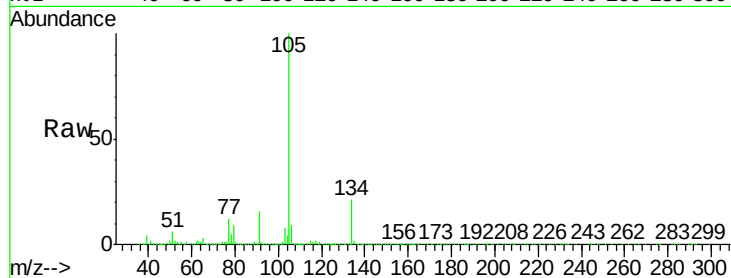
134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 52.763 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

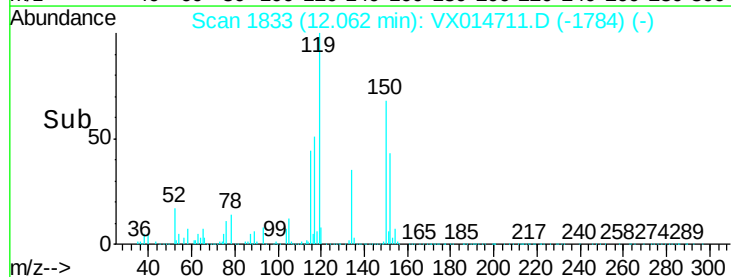
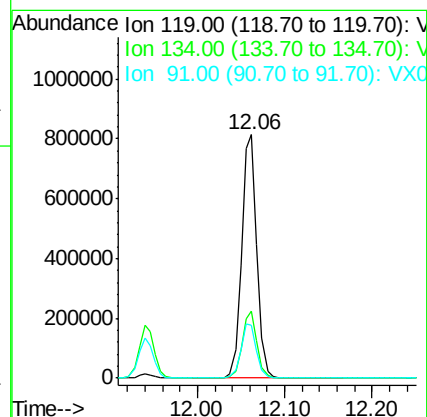
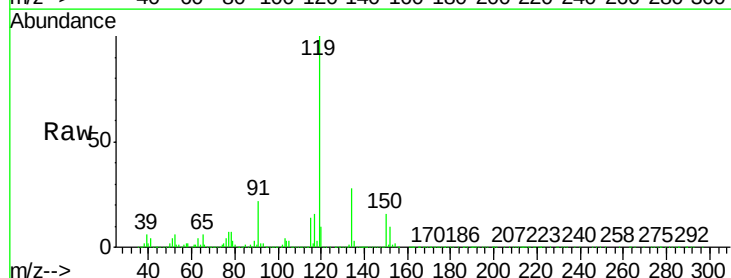
Tgt Ion:119 Resp: 984902

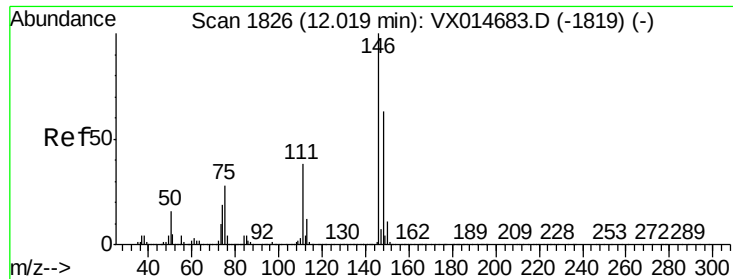
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.113 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

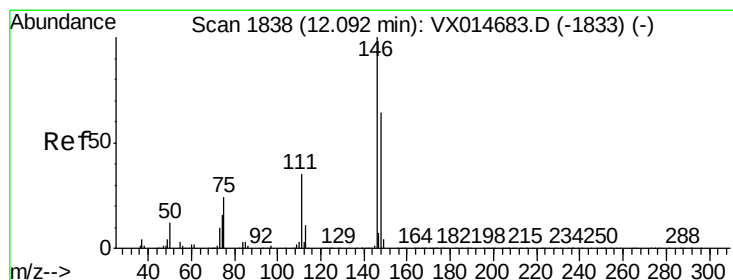
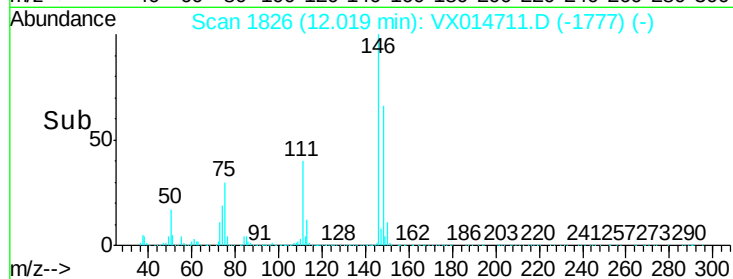
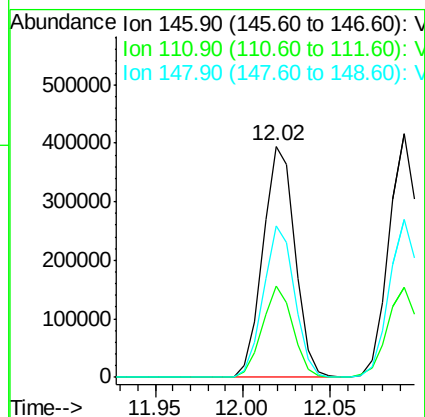
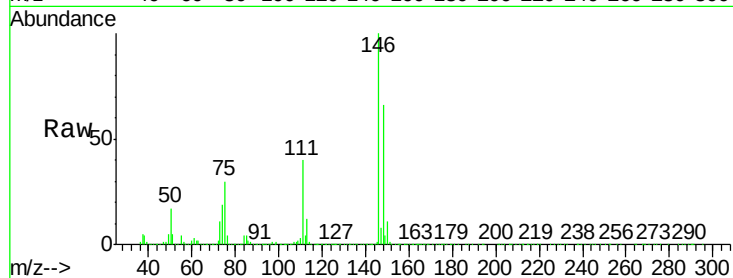
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.3	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.901 ug/l

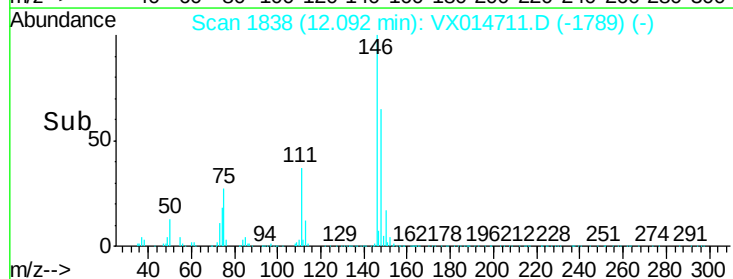
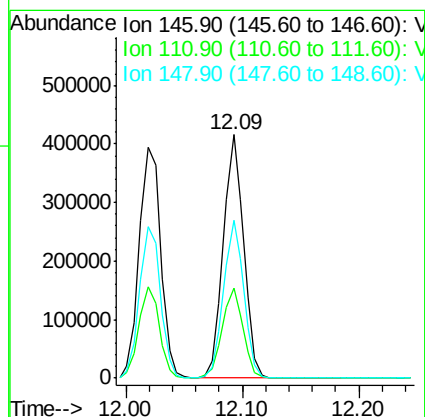
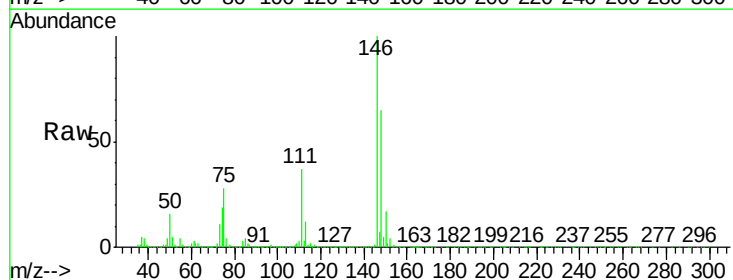
RT: 12.09 min Scan# 1838

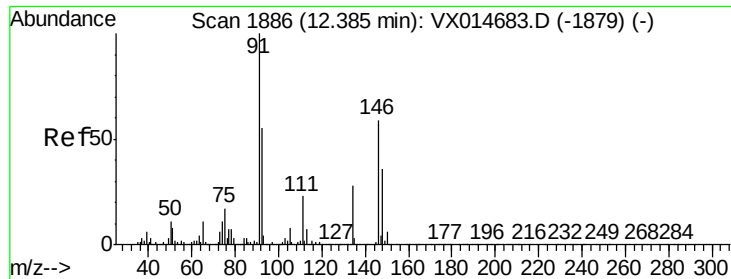
Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.5	32.0	96.2





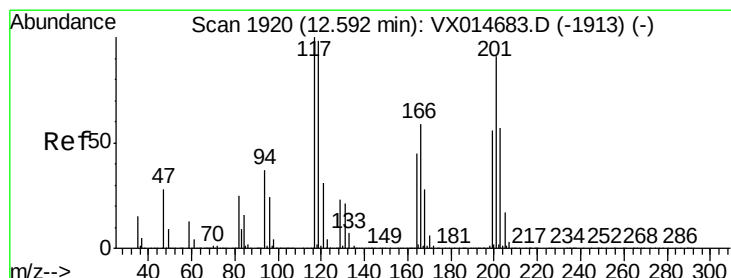
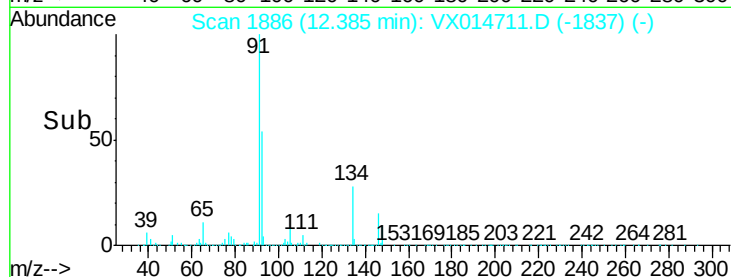
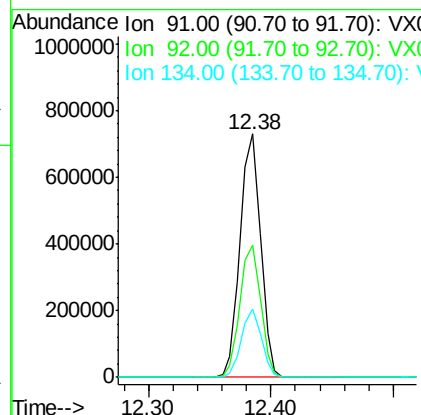
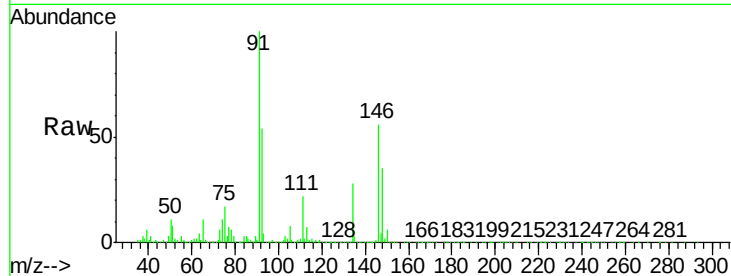
#89
n-Butylbenzene
Concen: 51.904 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	27.3	13.3	39.8

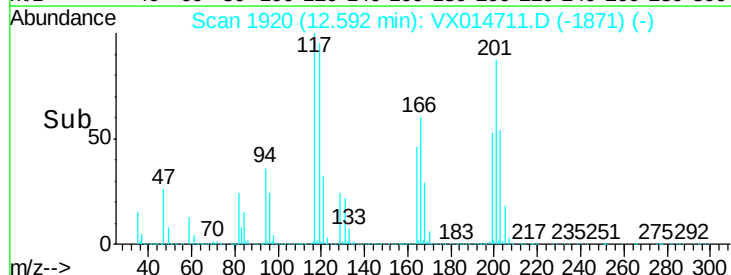
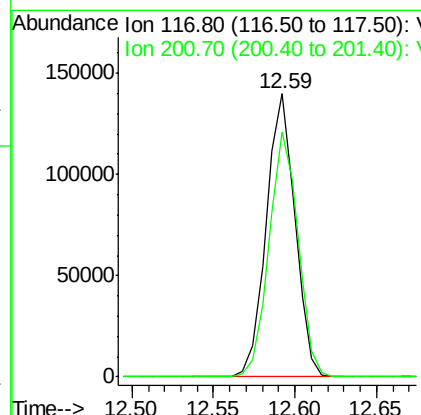
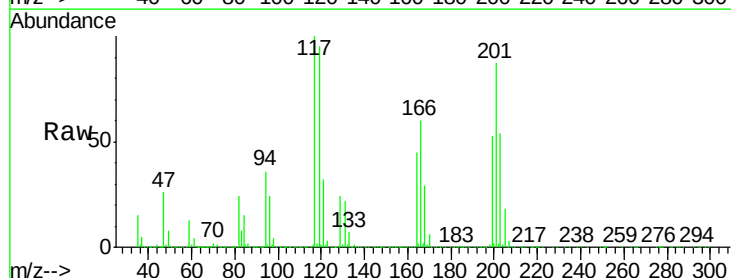
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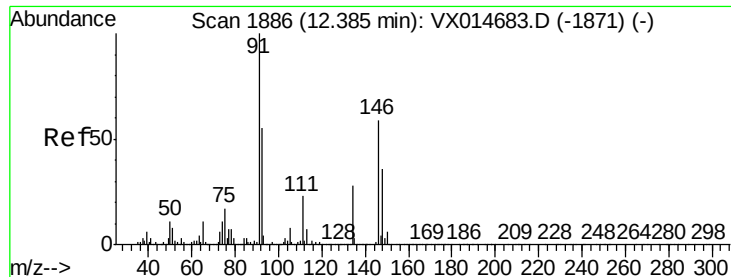
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#90
Hexachloroethane
Concen: 49.444 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	44.4	133.1





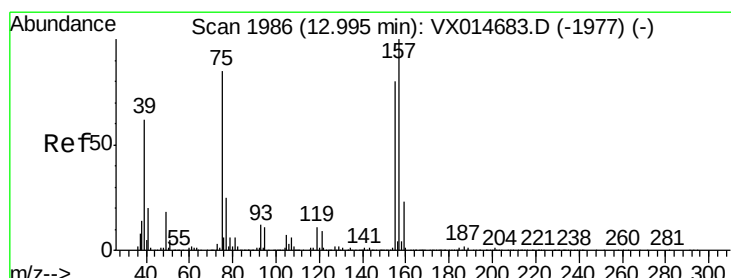
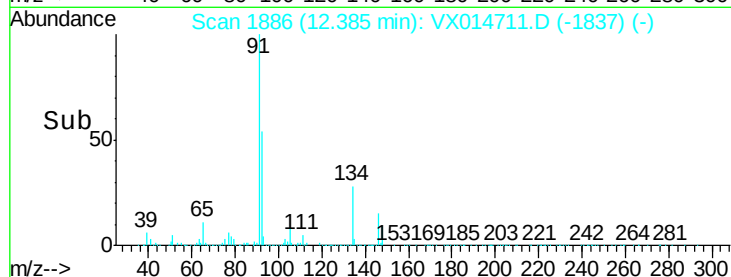
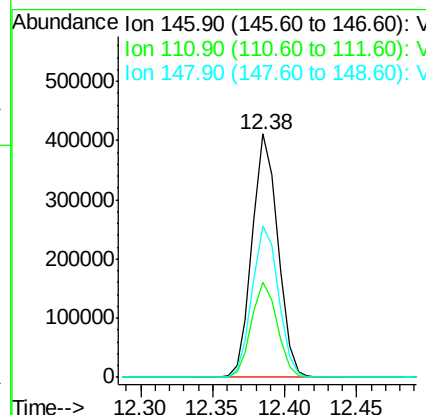
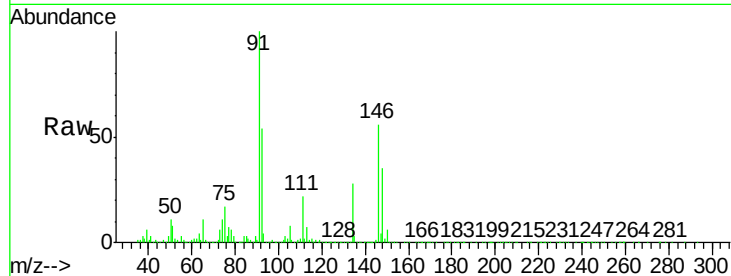
#91
 1,2-Dichlorobenzene
 Concen: 49.973 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	63.7	31.9	95.9

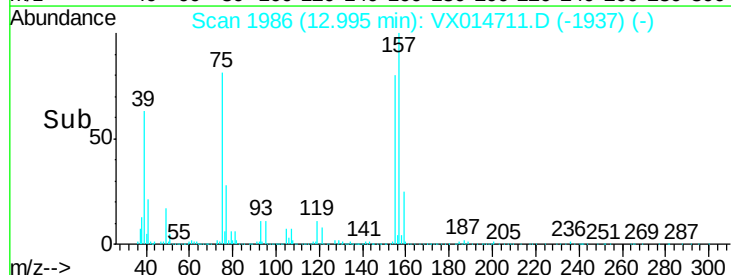
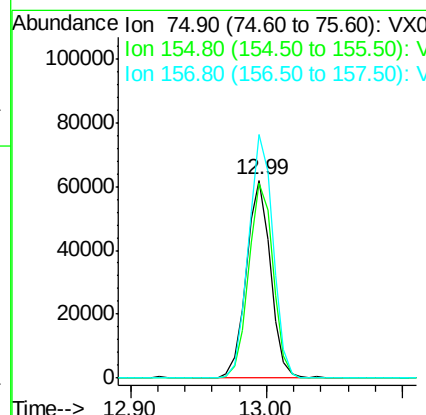
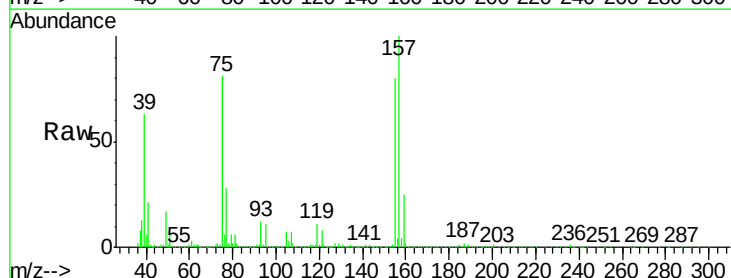
Manual Integrations
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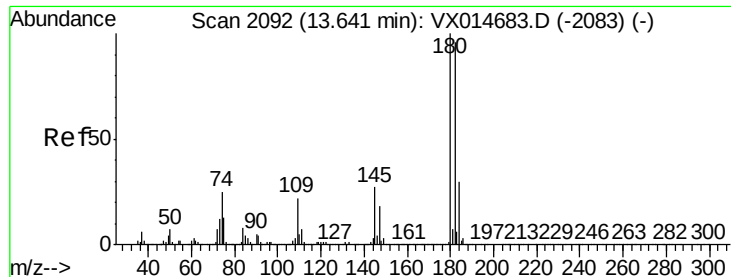
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.066 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	45.6	136.9
157	125.4	60.3	180.9





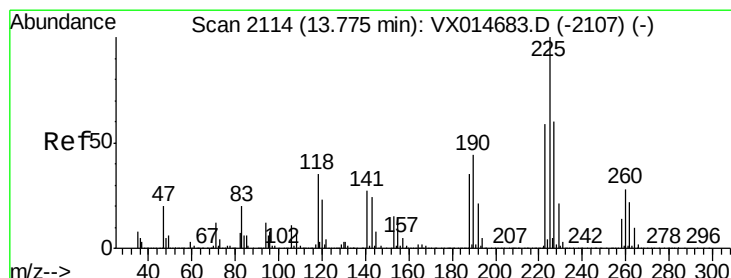
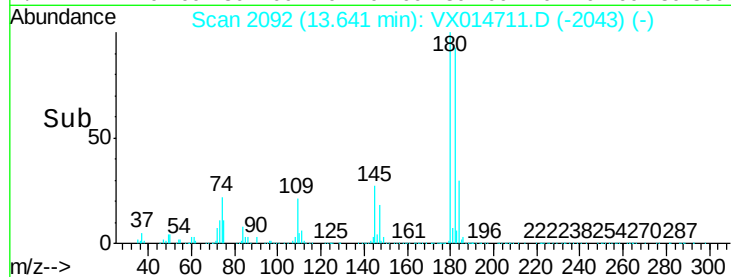
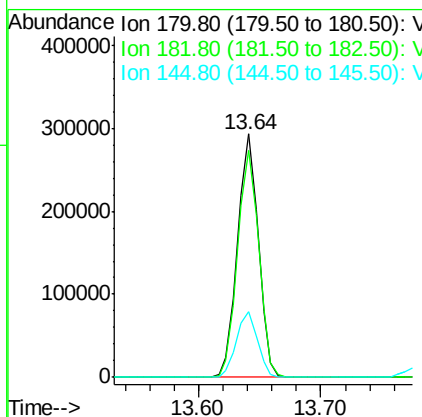
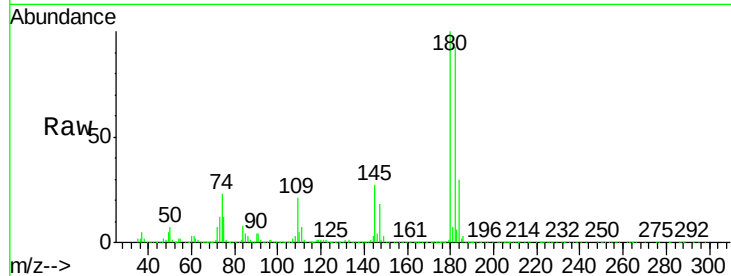
#93
 1,2,4-Trichlorobenzene
 Concen: 52.484 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	343032
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.5	145.6
145	27.6	14.0	41.9

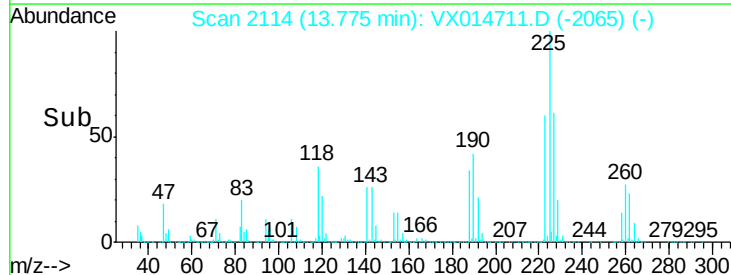
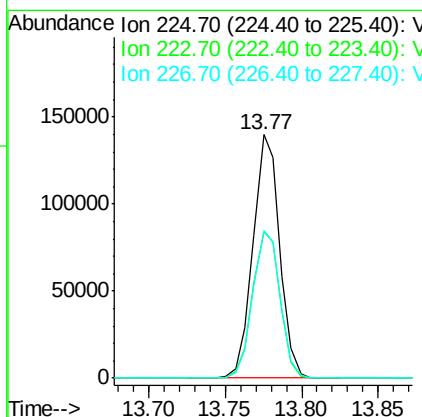
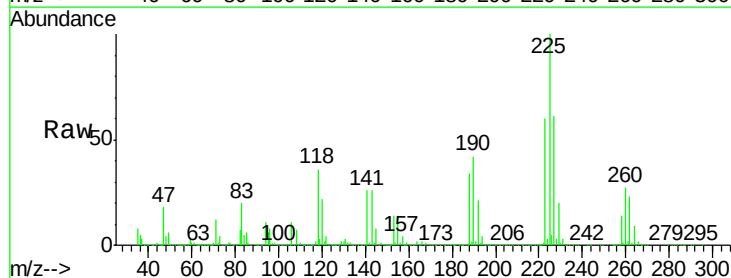
Manual Integrations
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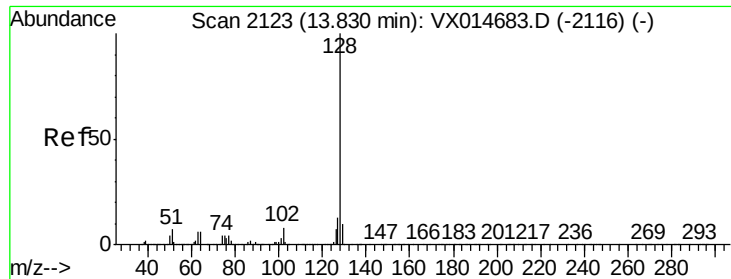
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 1/27/2020 10:35:51 AM



#94
 Hexachlorobutadiene
 Concen: 50.281 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014711.D
 Acq: 24 Jan 2020 20:49

Tgt Ion:	225	Resp:	169144
Ion Ratio	Lower	Upper	
225	100		
223	62.5	30.6	91.8
227	62.4	31.4	94.0





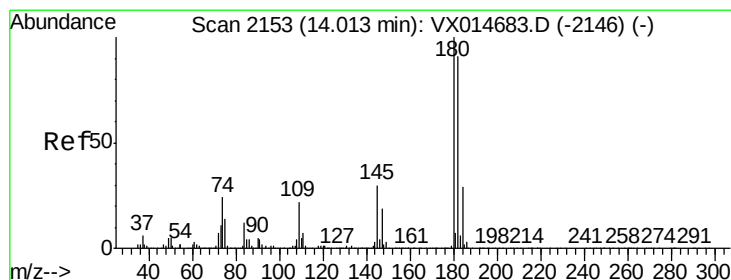
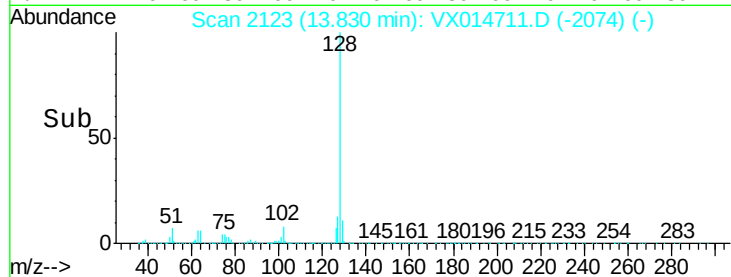
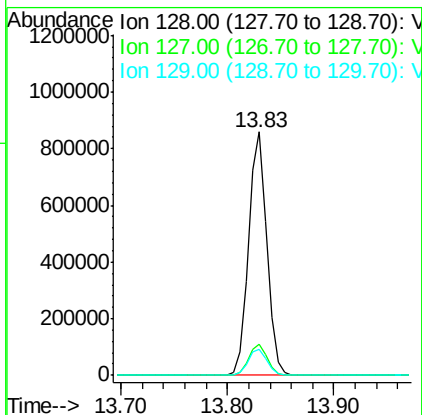
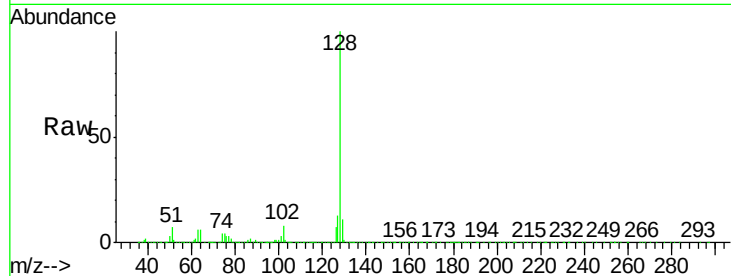
#95
Naphthalene
Concen: 48.984 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:35:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.836 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014711.D
Acq: 24 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.6	139.7
145	30.2	14.7	44.1

