

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014740.D
 Acq On : 28 Jan 2020 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:45 AM

Quant Time: Jan 28 23:36:47 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	467561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	618819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	250375	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.48	113	206163	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	8.71	98	799092	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	286515	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	291573	46.497	ug/l	99
3) Chloromethane	1.32	50	286373	45.274	ug/l	99
4) Vinyl Chloride	1.41	62	330451	48.318	ug/l	99
5) Bromomethane	1.63	94	205281	44.191	ug/l	100
6) Chloroethane	1.72	64	186465	47.588	ug/l	98
7) Trichlorofluoromethane	1.92	101	368353	46.256	ug/l	99
8) Diethyl Ether	2.18	74	159354	45.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	226168	48.380	ug/l	99
10) Methyl Iodide	2.50	142	304727	49.677	ug/l	99
11) Tert butyl alcohol	3.03	59	237166	193.474	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213184	45.866	ug/l	96
13) Acrolein	2.28	56	303060	313.552	ug/l	99
14) Allyl chloride	2.72	41	386047	46.209	ug/l	99
15) Acrylonitrile	3.13	53	626497	220.886	ug/l	99
16) Acetone	2.43	43	607132	202.917	ug/l	98
17) Carbon Disulfide	2.56	76	567161	44.646	ug/l	99
18) Methyl Acetate	2.76	43	381759	44.693	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	719036	47.230	ug/l	100
20) Methylene Chloride	2.85	84	249207	45.006	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	232467	45.424	ug/l	99
22) Diisopropyl ether	3.84	45	795897	47.883	ug/l	97
23) Vinyl Acetate	3.80	43	3098755	244.565	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424474	47.024	ug/l	99
25) 2-Butanone	4.65	43	915513	213.534	ug/l	97
26) 2,2-Dichloropropane	4.57	77	345609	47.834	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	264026	46.096	ug/l	100
28) Bromochloromethane	5.00	49	172365	43.453	ug/l	97
29) Tetrahydrofuran	5.11	42	564901	221.994	ug/l	99
30) Chloroform	5.20	83	421687	47.158	ug/l	98
31) Cyclohexane	5.57	56	393717	46.374	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	355474	47.030	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324926	51.469	ug/l	99
37) Ethyl Acetate	4.81	43	339529	46.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	310575	51.511	ug/l	99

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Manual Integrations
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MMDadoda
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 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)
39) Methylcyclohexane	7.45	83	408409	51.640	ug/l	97
40) Benzene	6.13	78	968193	49.635	ug/l	100
41) Methacrylonitrile	5.03	41	195383	47.351	ug/l	99
42) 1,2-Dichloroethane	6.18	62	340883	50.607	ug/l	100
43) Isopropyl Acetate	6.43	43	564070	47.639	ug/l	100
44) Trichloroethene	7.20	130	268217	48.680	ug/l	99
45) 1,2-Dichloropropane	7.50	63	254027	50.550	ug/l	98
46) Dibromomethane	7.65	93	162069	49.796	ug/l	99
47) Bromodichloromethane	7.89	83	329066	51.551	ug/l	97
48) Methyl methacrylate	7.76	41	280301	49.547	ug/l	98
49) 1,4-Dioxane	7.73	88	104441	870.912	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1767426	236.505	ug/l	99
52) Toluene	8.78	92	612264	51.062	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	357821	52.059	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	404558	53.503	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248451	50.609	ug/l	97
56) Ethyl methacrylate	9.17	69	384746	46.363	ug/l	100
57) 1,3-Dichloropropane	9.36	76	416609	49.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	643775	260.756	ug/l	99
59) 2-Hexanone	9.48	43	1407718	242.751	ug/l	99
60) Dibromochloromethane	9.57	129	264809	51.679	ug/l	99
61) 1,2-Dibromoethane	9.67	107	258428	49.789	ug/l	99
64) Tetrachloroethene	9.33	164	289971	47.338	ug/l	97
65) Chlorobenzene	10.13	112	663023	50.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246476	50.505	ug/l	100
67) Ethyl Benzene	10.25	91	1173633	51.929	ug/l	100
68) m/p-Xylenes	10.36	106	898570	104.947	ug/l	99
69) o-Xylene	10.69	106	428354	51.822	ug/l	100
70) Styrene	10.71	104	749791	54.075	ug/l	100
71) Bromoform	10.85	173	201138	51.827	ug/l #	100
73) Isopropylbenzene	11.01	105	1158674	51.184	ug/l	100
74) N-amyl acetate	10.89	43	493298	49.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	368166	45.550	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	313810m	41.895	ug/l	
77) Bromobenzene	11.25	156	297266	48.880	ug/l	98
78) n-propylbenzene	11.35	91	1337353	52.046	ug/l	99
79) 2-Chlorotoluene	11.42	91	787617	50.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	973285	51.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124327	47.235	ug/l	98
82) 4-Chlorotoluene	11.51	91	912806	51.571	ug/l	100
83) tert-Butylbenzene	11.76	119	912653	51.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	981618	52.088	ug/l	99
85) sec-Butylbenzene	11.94	105	1142625	52.830	ug/l	100
86) p-Isopropyltoluene	12.06	119	1064780	53.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	538532	49.273	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	535228	48.888	ug/l	99
89) n-Butylbenzene	12.39	91	928774	53.352	ug/l	99
90) Hexachloroethane	12.59	117	184329	49.649	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	538393	49.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	77371	44.554	ug/l	97

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ClientSampleId :
VSTDCCC050

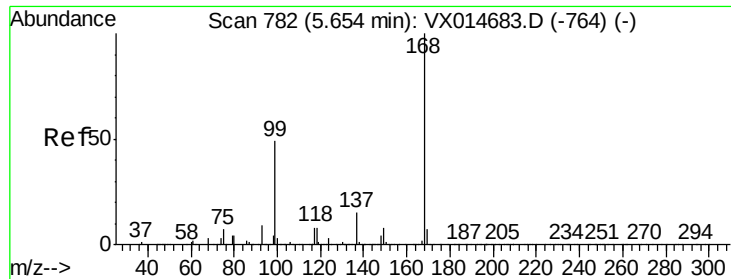
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	369412	52.784	ug/l	99
94) Hexachlorobutadiene	13.78	225	186093	51.663	ug/l	98
95) Naphthalene	13.83	128	1066574	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	371035	52.431	ug/l	97

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



#1

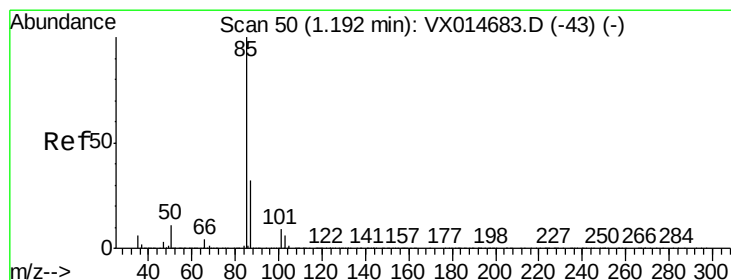
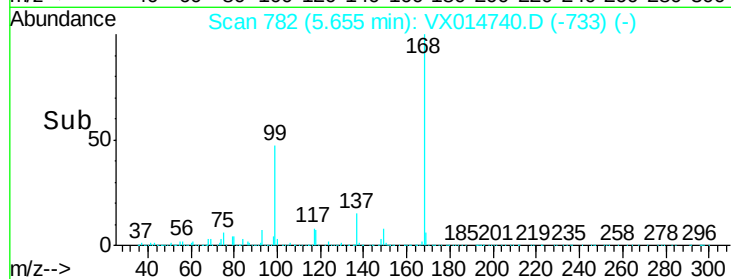
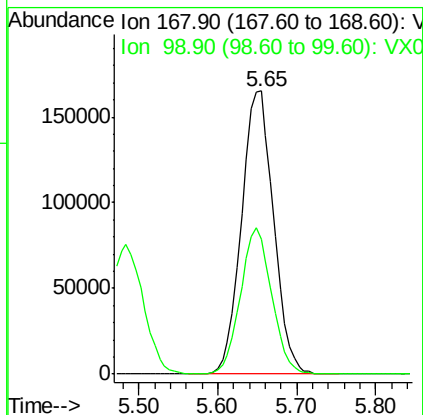
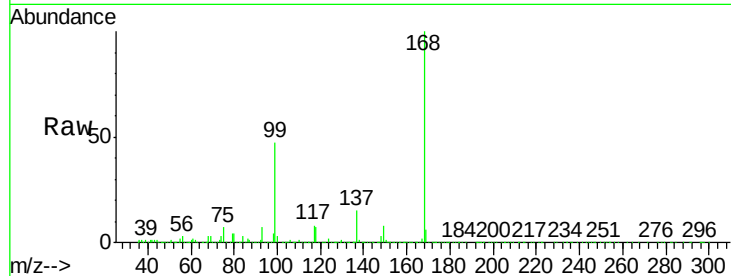
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	467561		
99	47.3	39.8	59.6	

Manual Integrations
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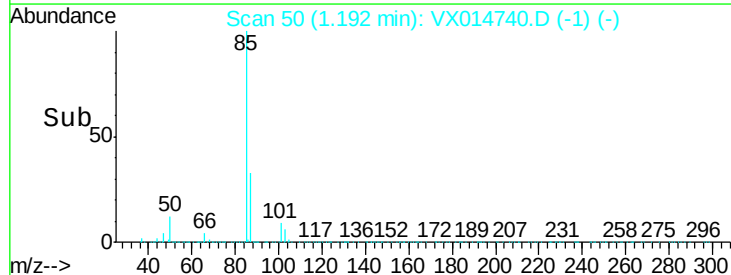
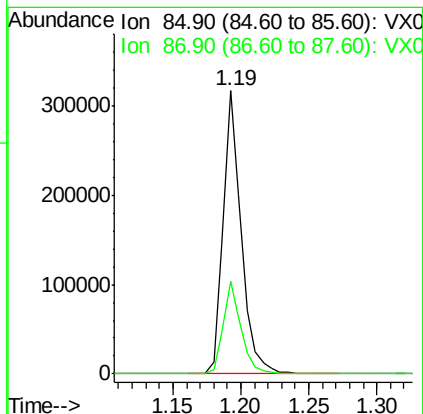
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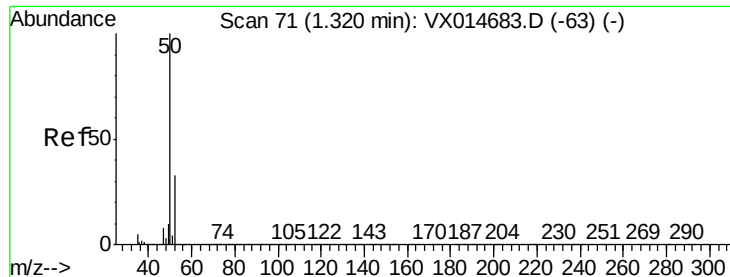


#2

Dichlorodifluoromethane
 Concen: 46.497 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	291573		
87	32.8	16.2	48.5	





#3

Chloromethane

Concen: 45.274 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 286373

Ion Ratio Lower Upper

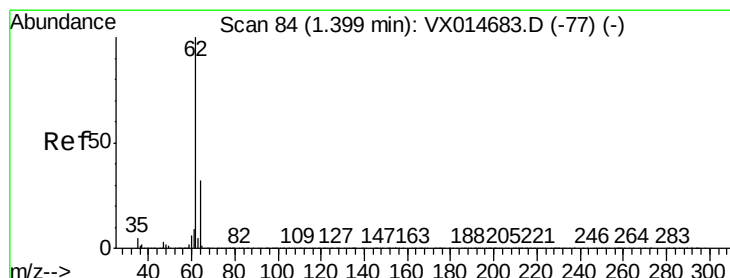
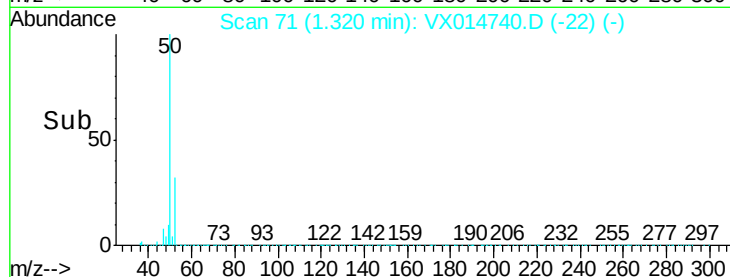
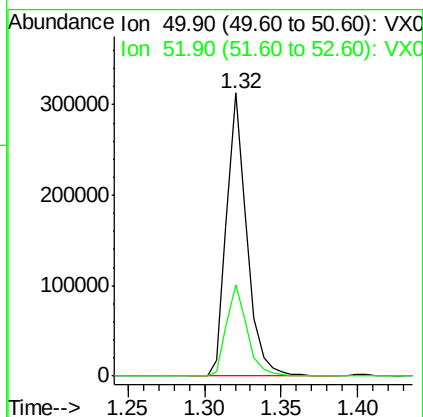
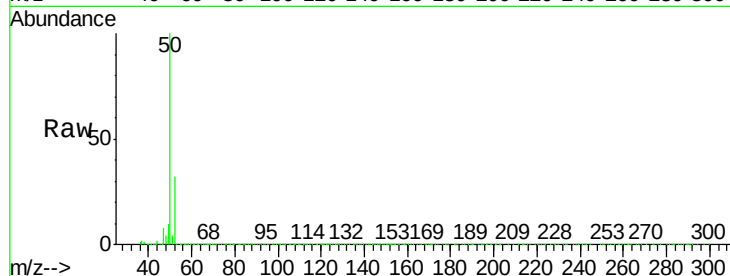
50 100

52 32.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.318 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014740.D

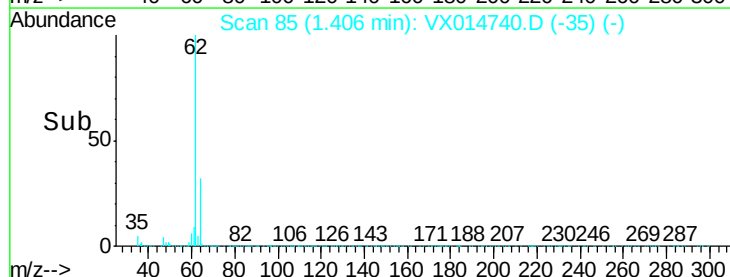
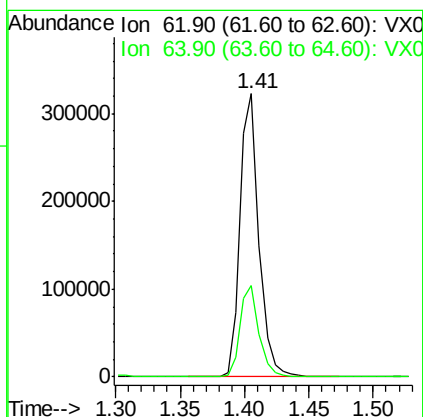
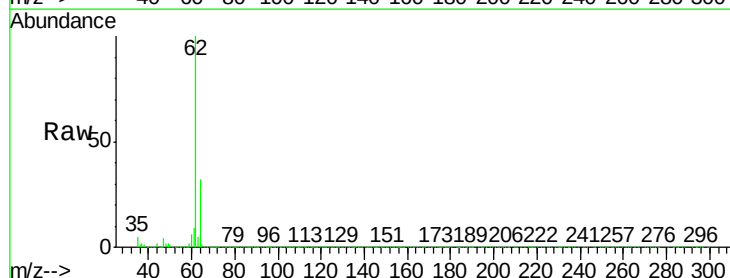
Acq: 28 Jan 2020 10:17

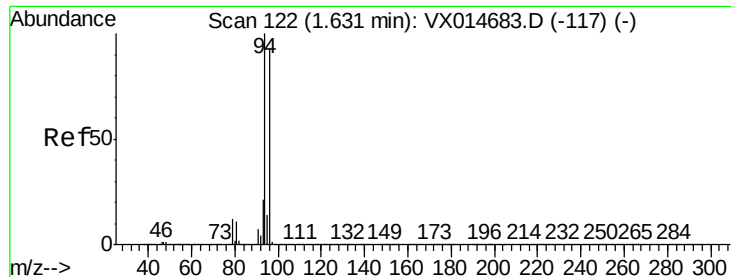
Tgt Ion: 62 Resp: 330451

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 44.191 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 205281

Ion Ratio Lower Upper

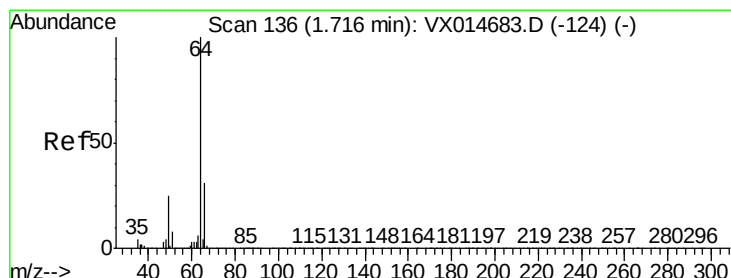
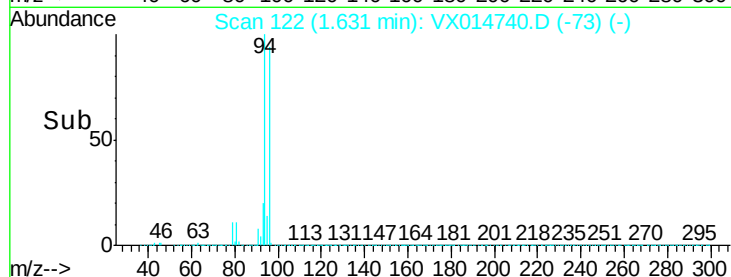
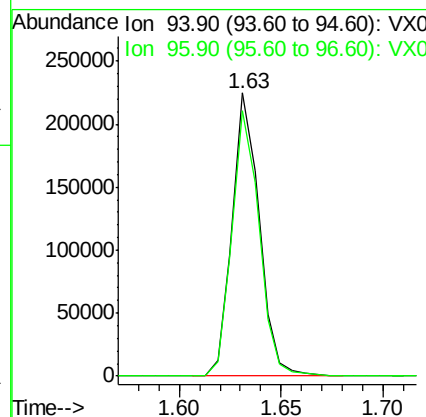
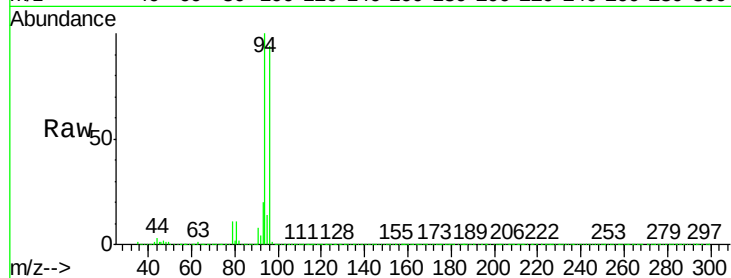
94 100

96 93.6 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 47.588 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014740.D

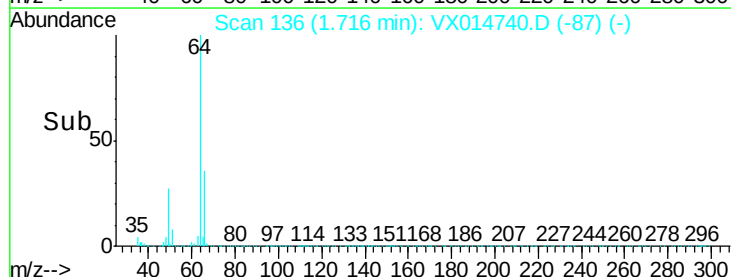
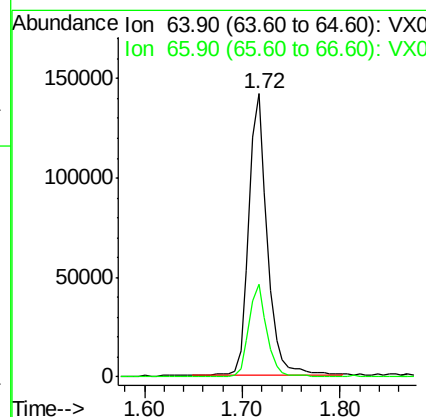
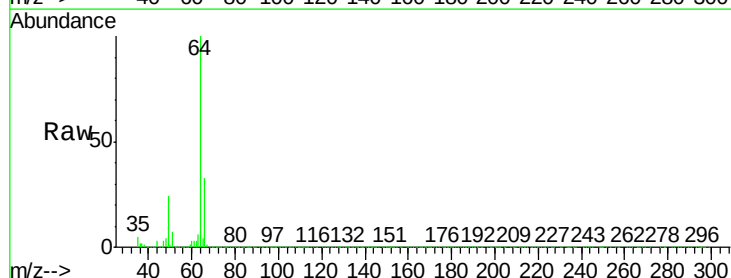
Acq: 28 Jan 2020 10:17

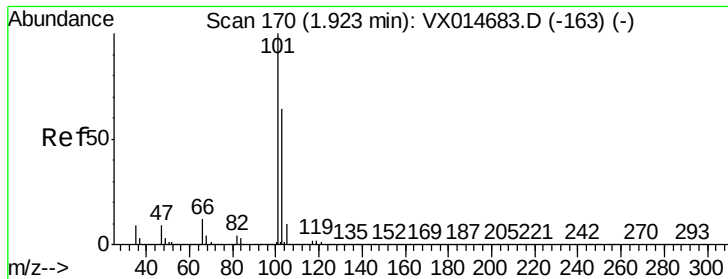
Tgt Ion: 64 Resp: 186465

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8





#7

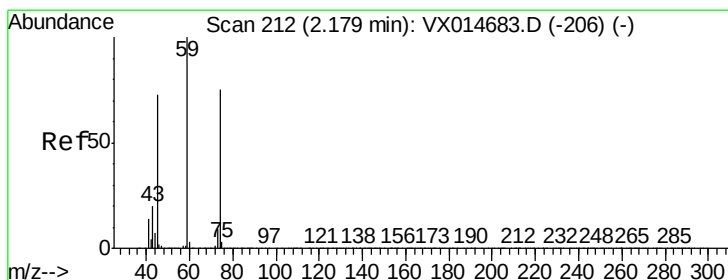
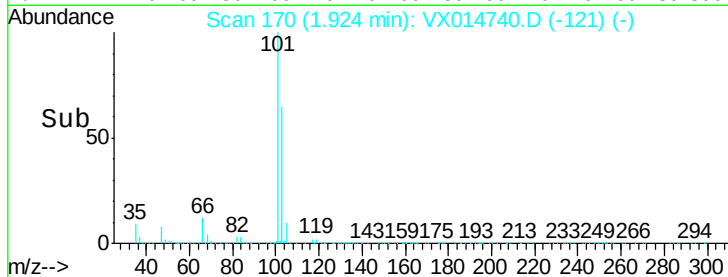
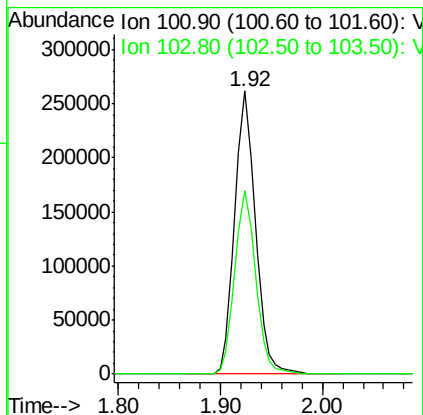
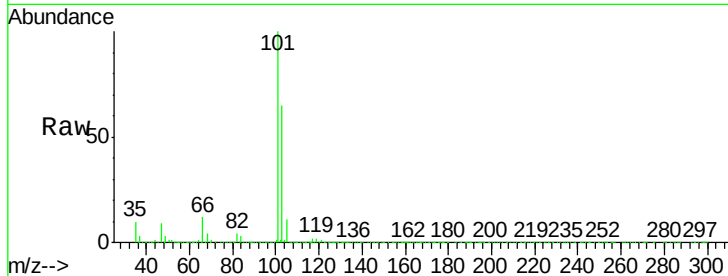
Trichlorofluoromethane
Concen: 46.256 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		368353		
103	64.6	51.0	76.6		

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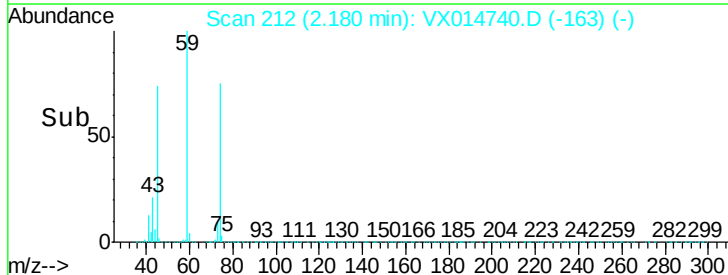
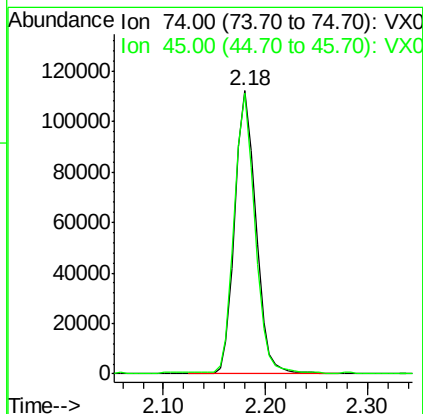
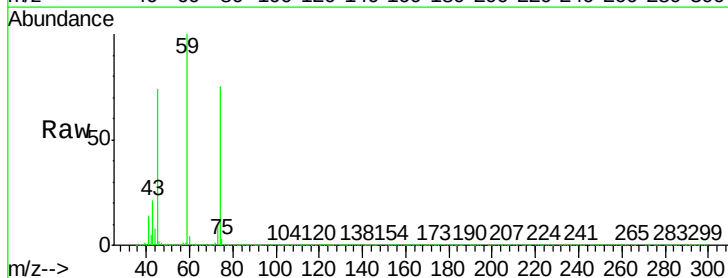
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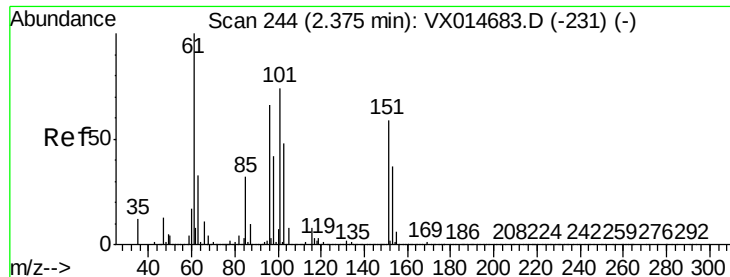


#8

Diethyl Ether
Concen: 45.846 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		159354		
45	96.9	49.4	148.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.380 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

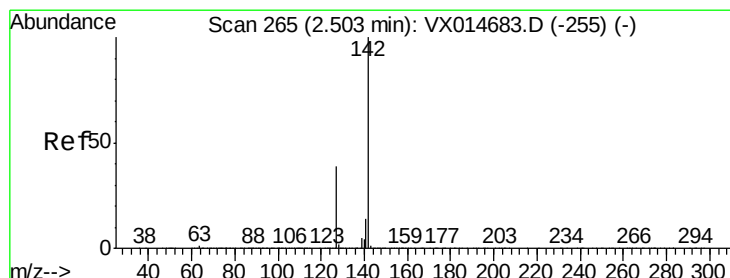
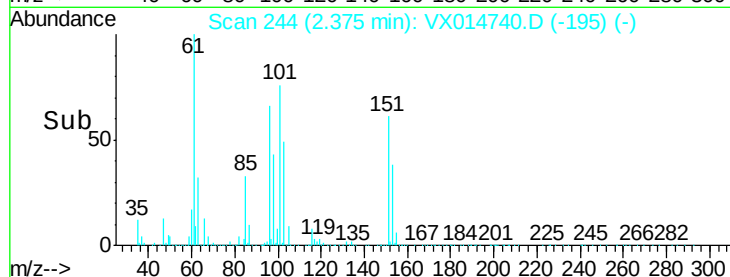
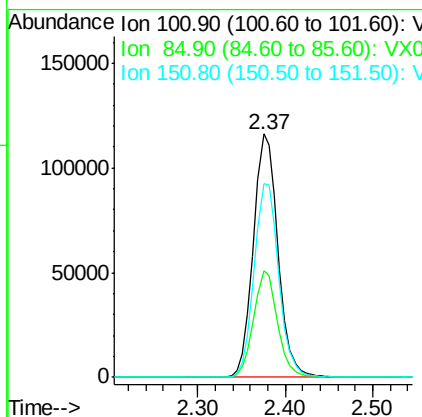
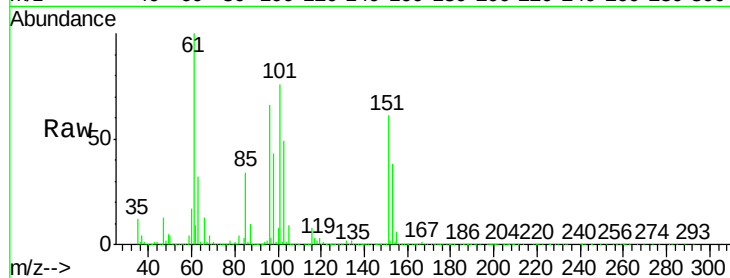
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	226168
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.7	52.1
151	80.2	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 49.677 ug/l

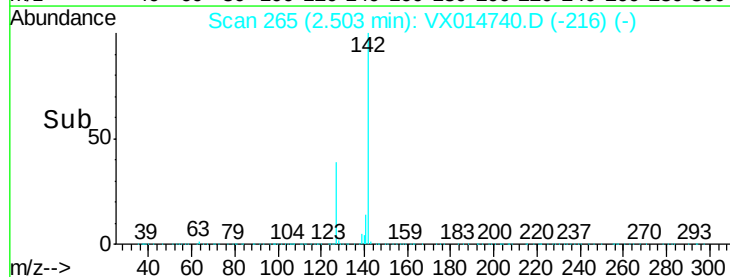
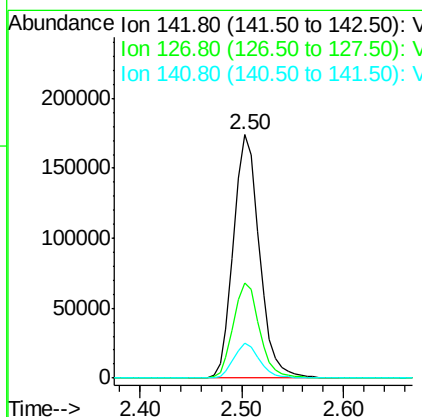
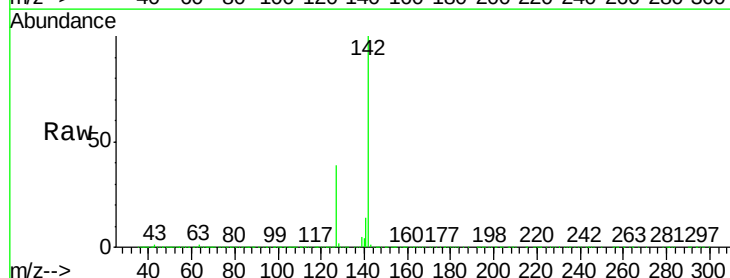
RT: 2.50 min Scan# 265

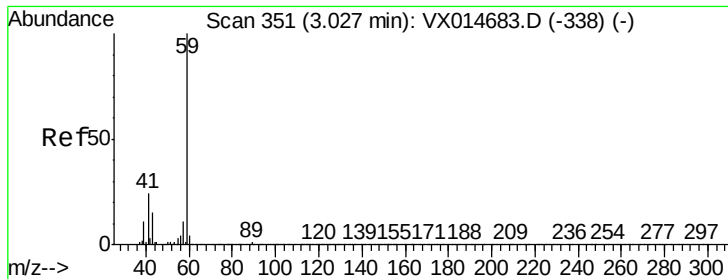
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	142	Resp:	304727
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.1	46.7
141	14.2	11.3	16.9





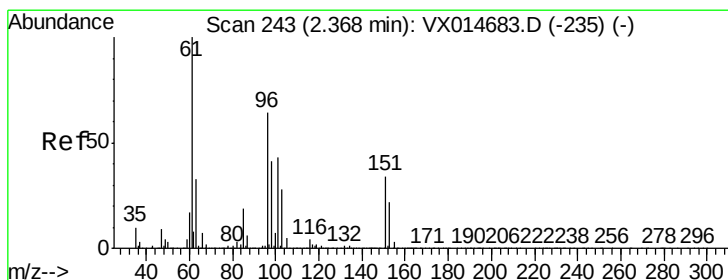
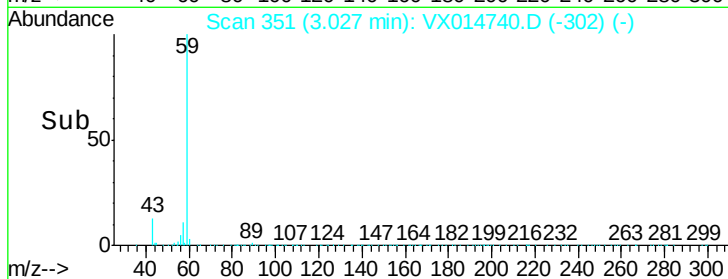
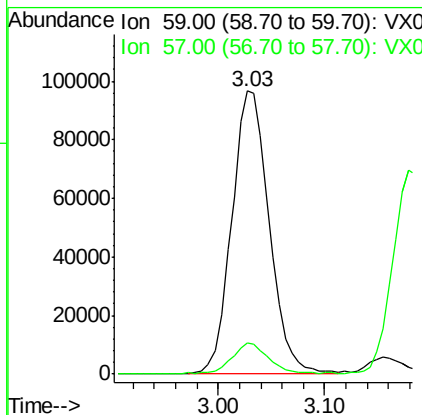
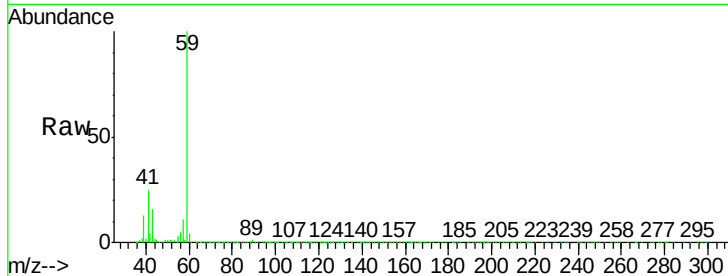
#11
Tert butyl alcohol
Concen: 193.474 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

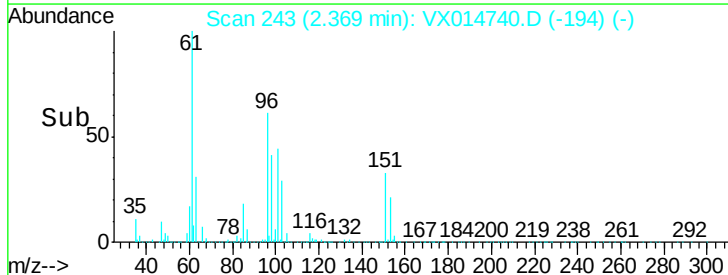
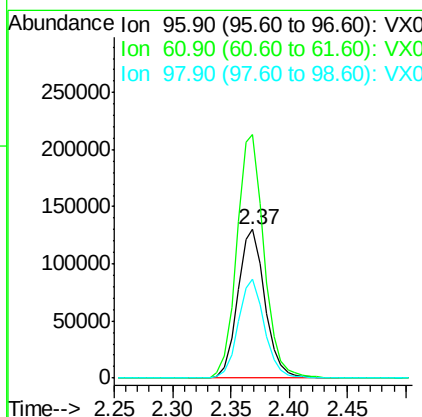
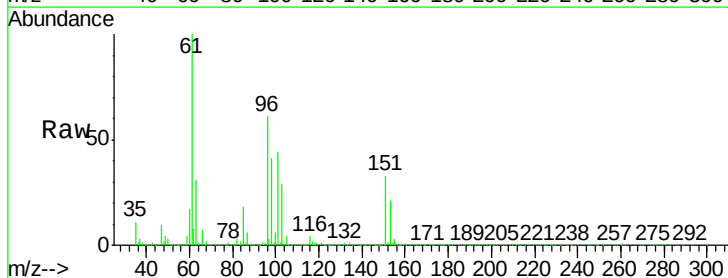
Manual Integrations
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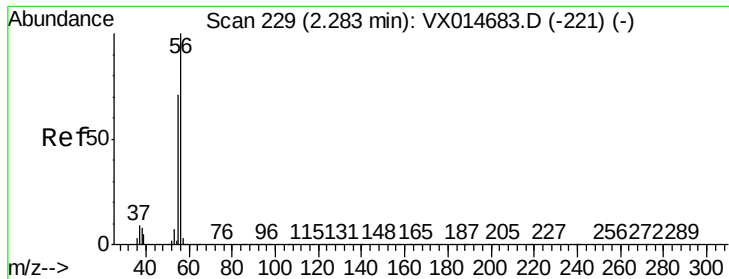
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.866 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	125.8	188.8
98	66.4	51.5	77.3





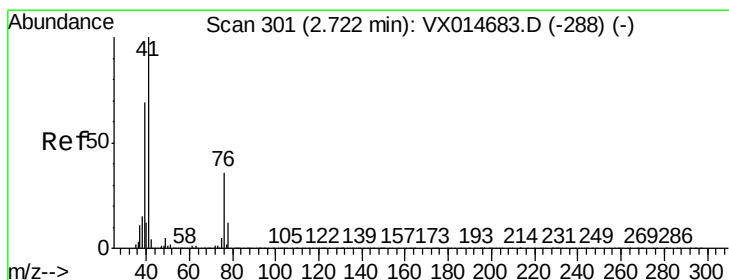
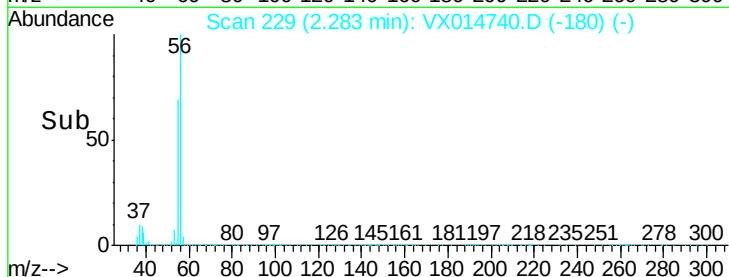
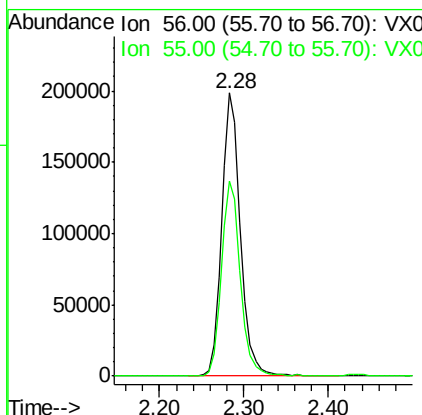
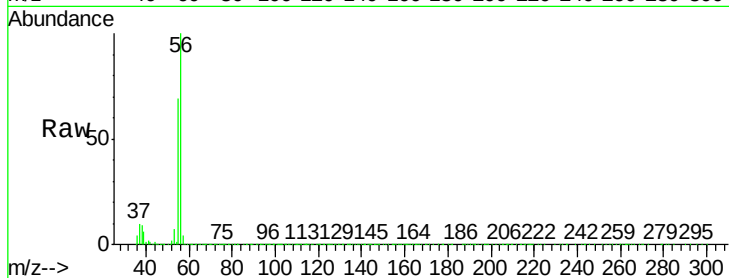
#13
Acrolein
Concen: 313.552 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.6	84.8

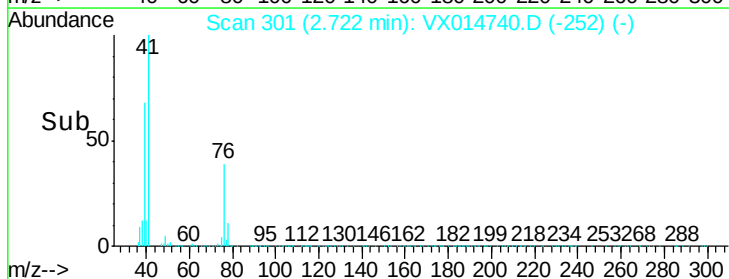
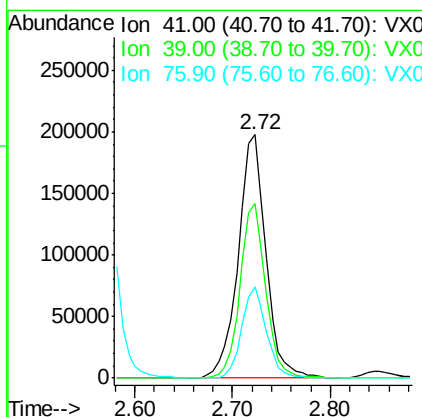
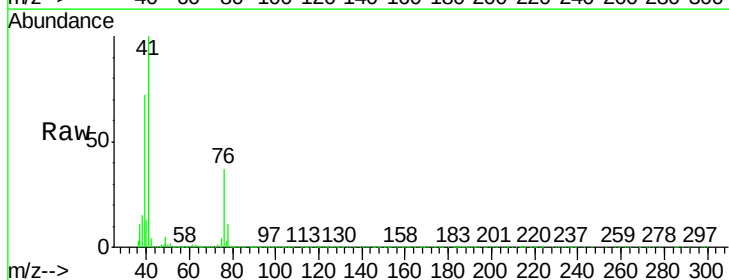
Manual Integrations
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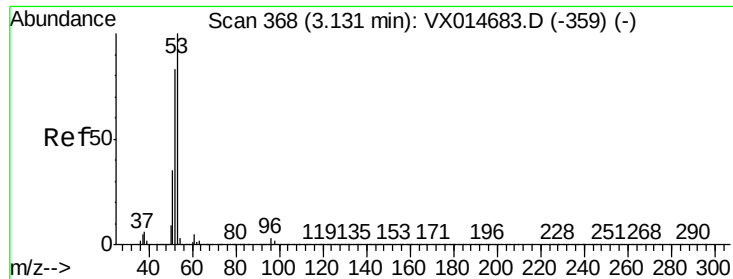
MMDadoda
1/29/2020 10:55:45 AM



#14
Allyl chloride
Concen: 46.209 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.2	52.0	78.0
76	33.2	26.0	39.0





#15

Acrylonitrile

Concen: 220.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

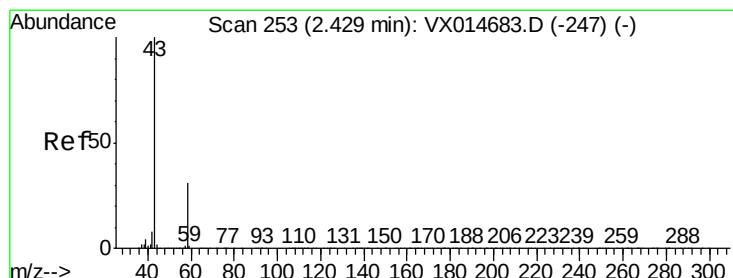
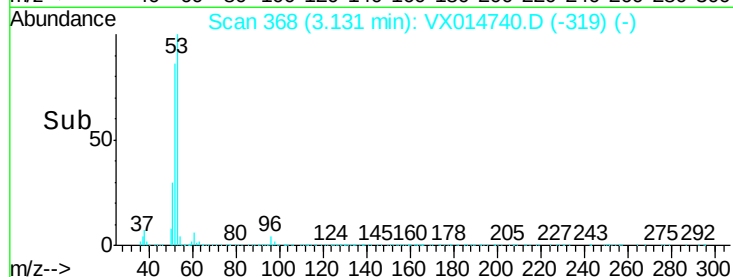
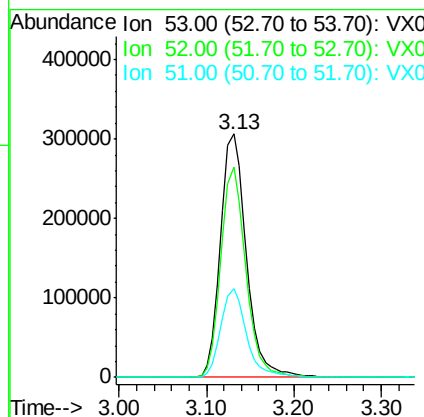
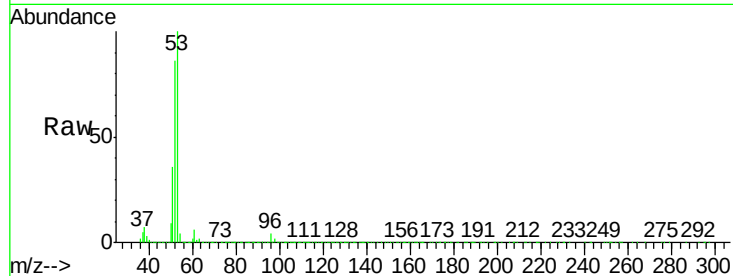
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	626497
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.4	99.6
51	36.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 202.917 ug/l

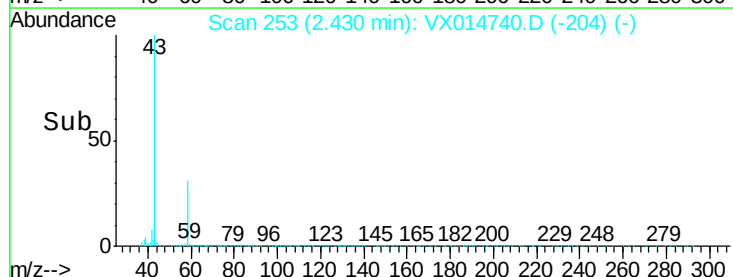
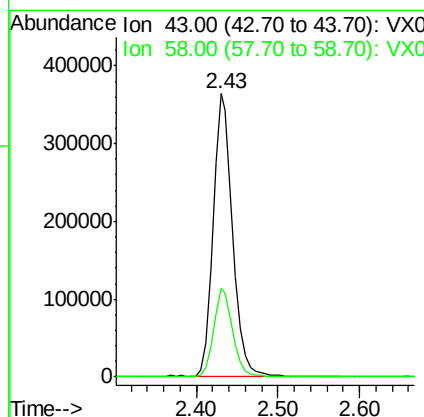
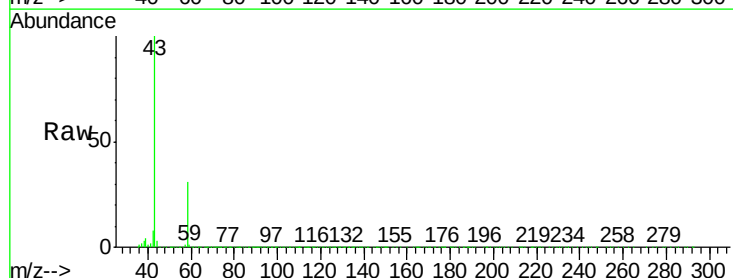
RT: 2.43 min Scan# 253

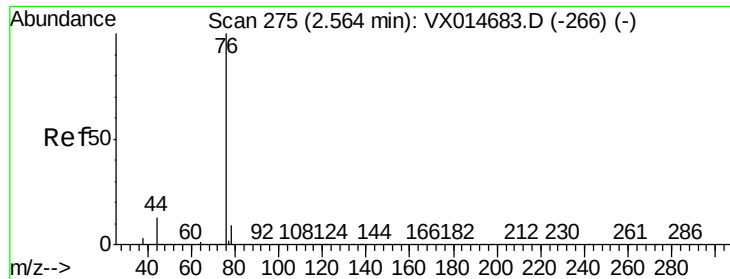
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	43	Resp:	607132
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.5	36.7





#17

Carbon Disulfide

Concen: 44.646 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 567161

Ion Ratio Lower Upper

76 100

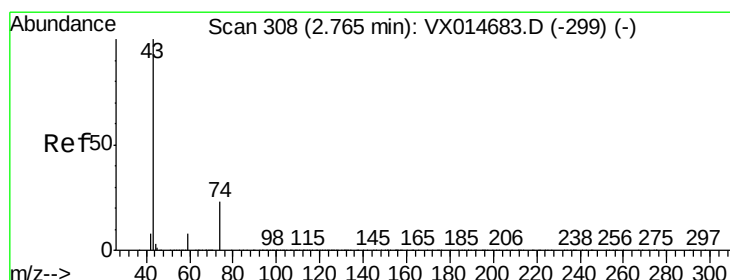
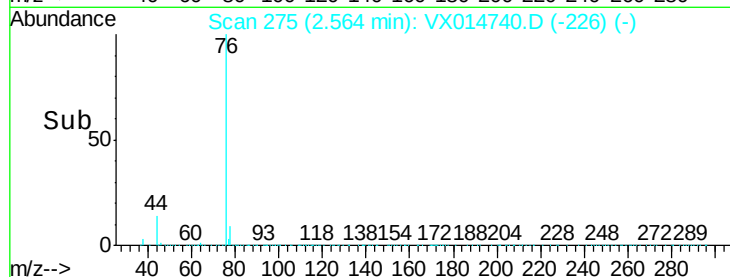
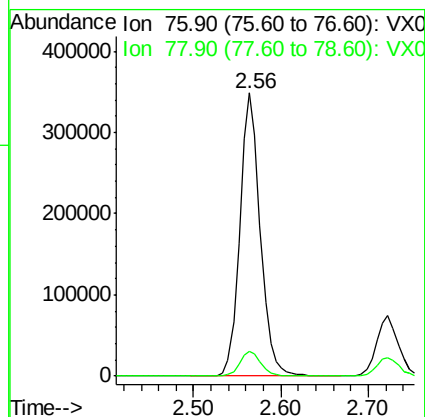
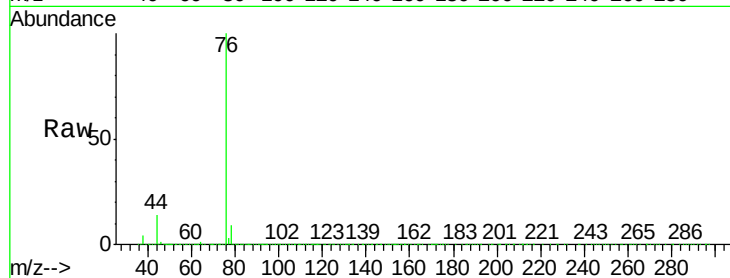
78 8.6 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 44.693 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014740.D

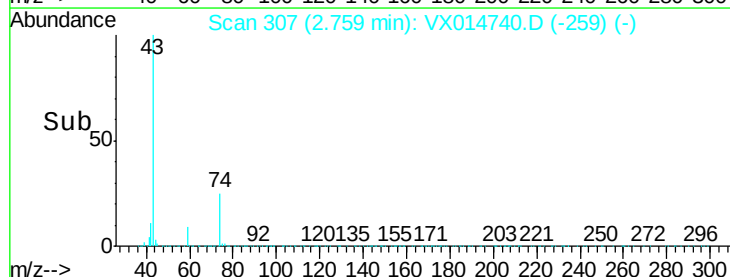
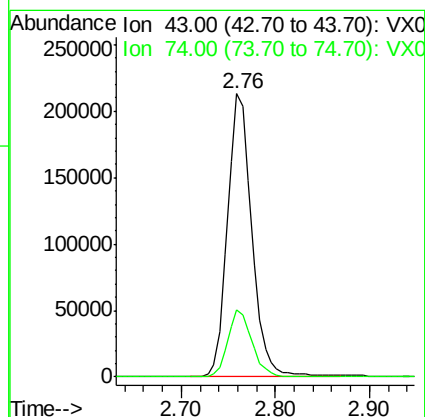
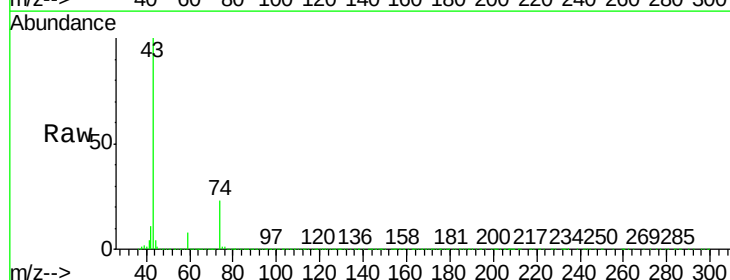
Acq: 28 Jan 2020 10:17

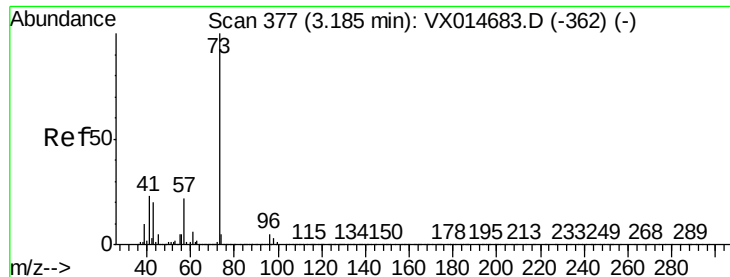
Tgt Ion: 43 Resp: 381759

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7





#19

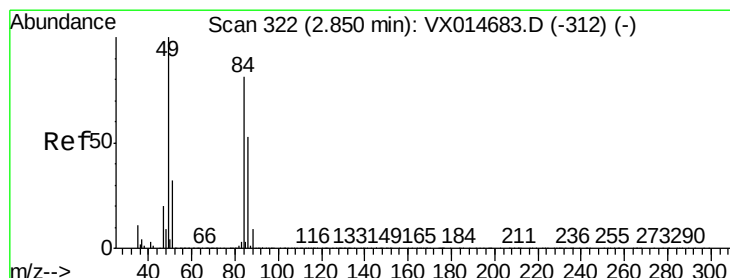
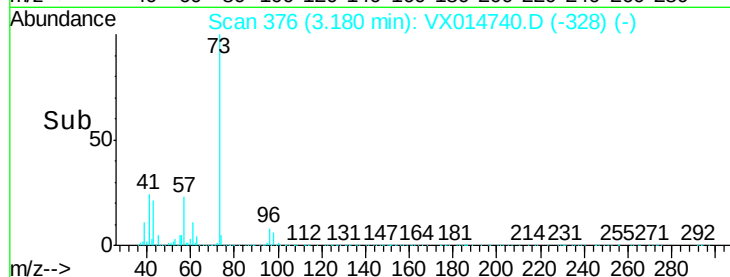
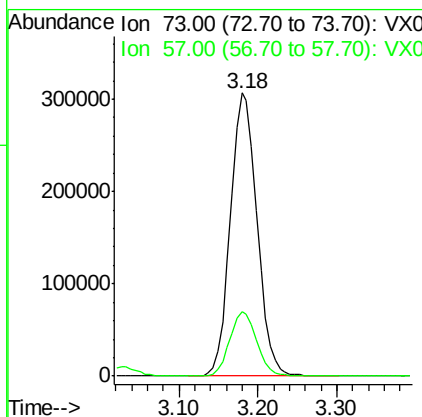
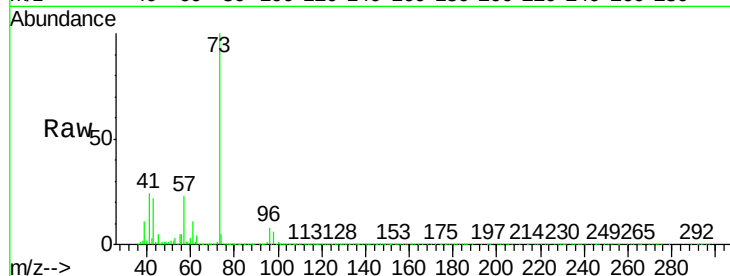
Methyl tert-butyl Ether
 Concen: 47.230 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

Manual Integrations
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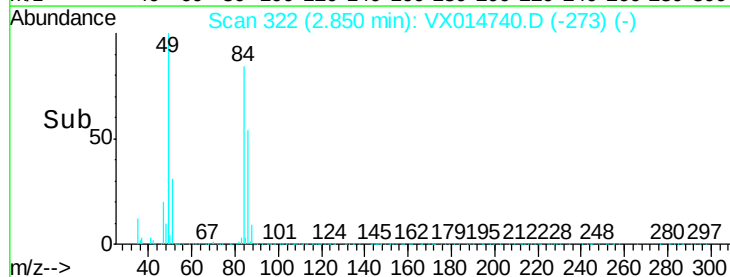
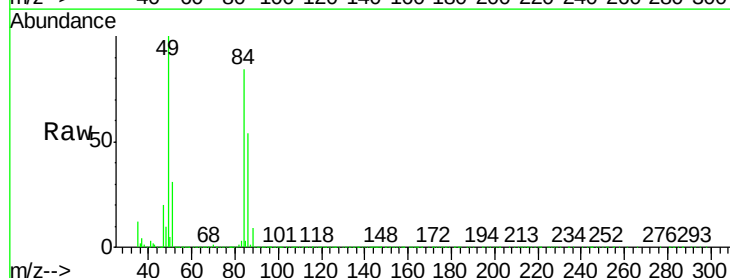
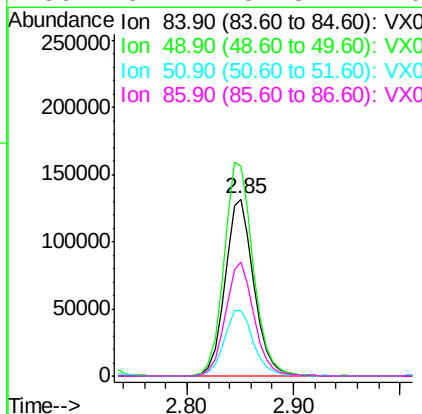
MMDadoda
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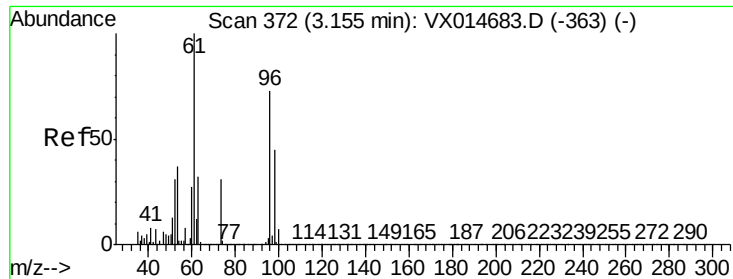


#20

Methylene Chloride
 Concen: 45.006 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.2	147.4
51	36.4	31.3	46.9
86	64.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 45.424 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

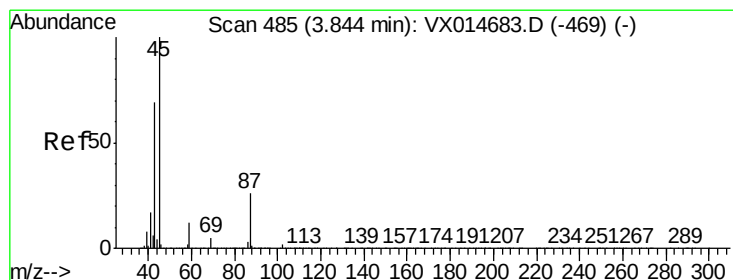
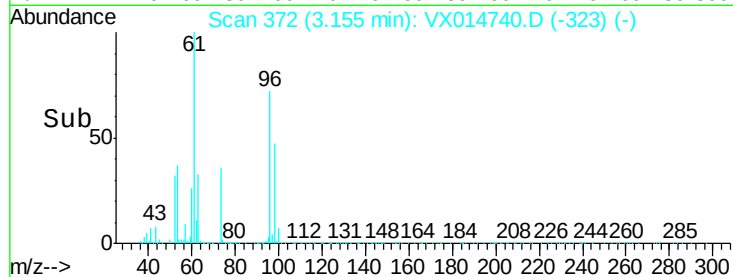
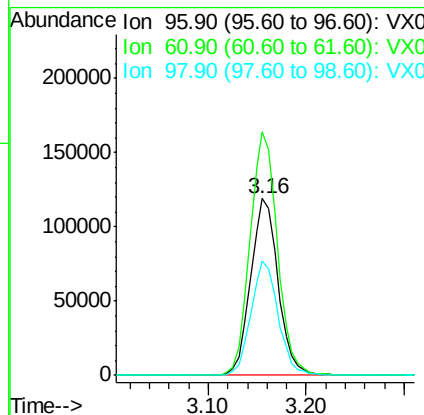
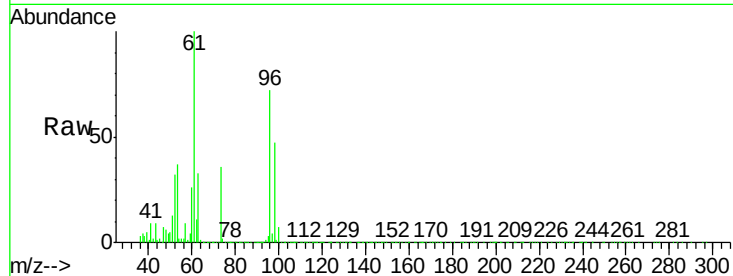
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	232467
Ion	Ratio	Lower	Upper
96	100		
61	137.7	109.8	164.6
98	64.7	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.883 ug/l

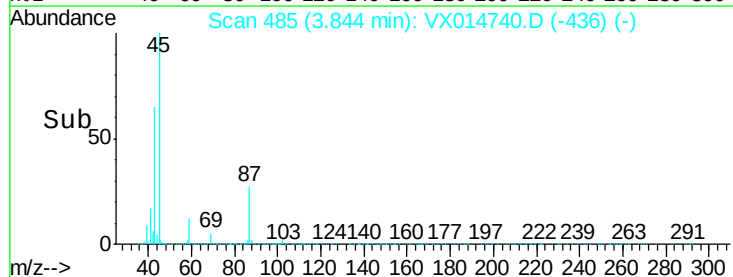
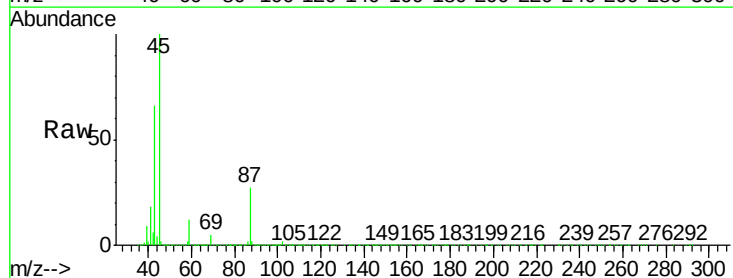
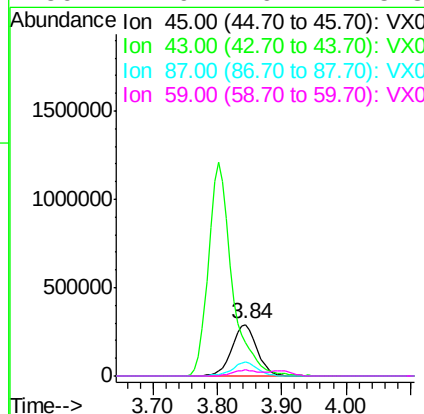
RT: 3.84 min Scan# 485

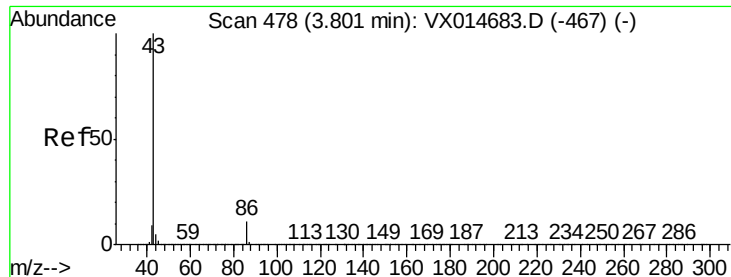
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	45	Resp:	795897
Ion	Ratio	Lower	Upper
45	100		
43	65.1	55.1	82.7
87	26.5	20.7	31.1
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 244.565 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3098755

Ion Ratio Lower Upper

43 100

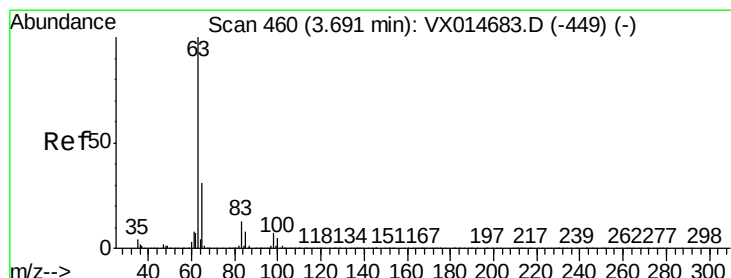
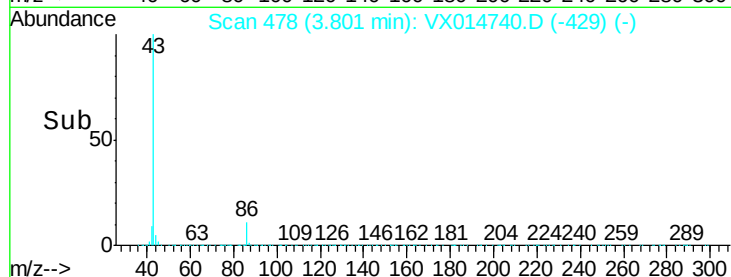
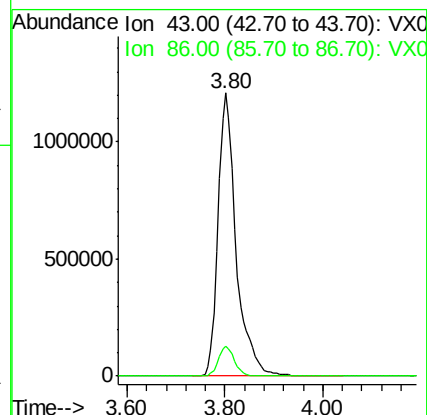
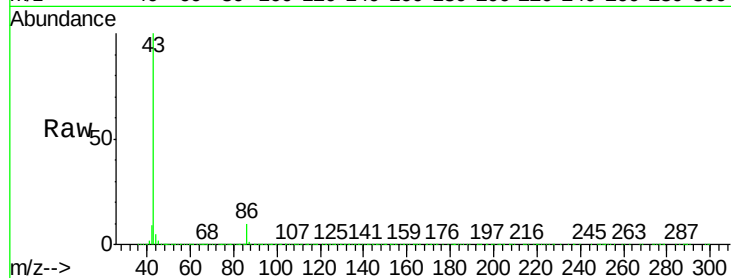
86 10.5 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.024 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

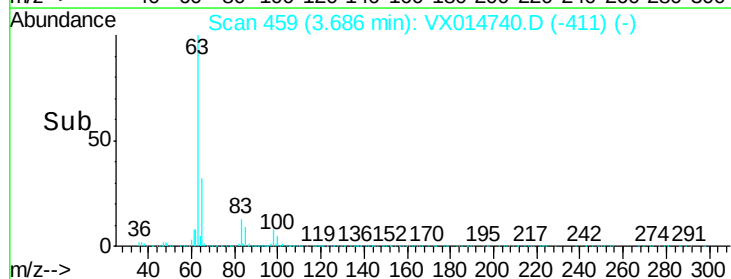
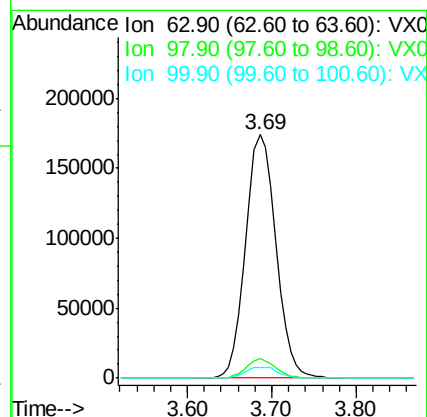
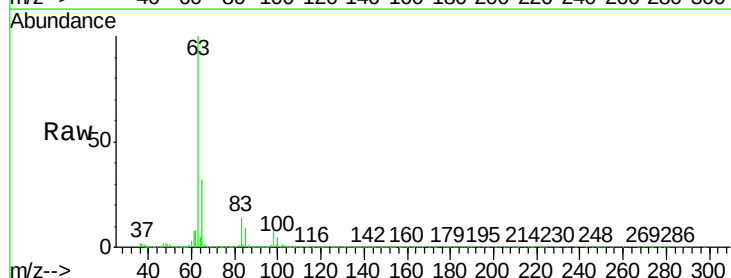
Tgt Ion: 63 Resp: 424474

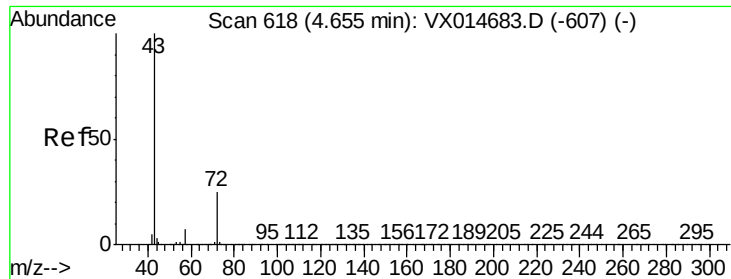
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 213.534 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 915513

Ion Ratio Lower Upper

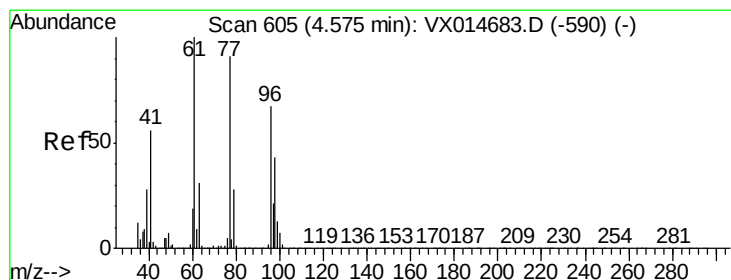
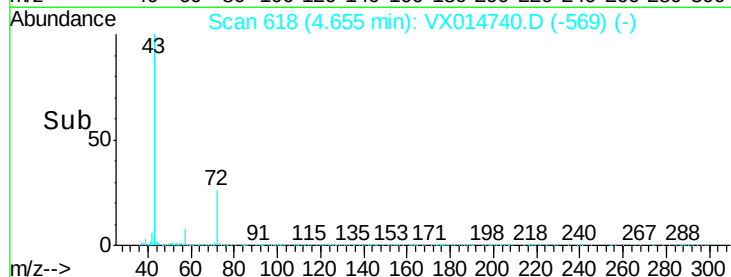
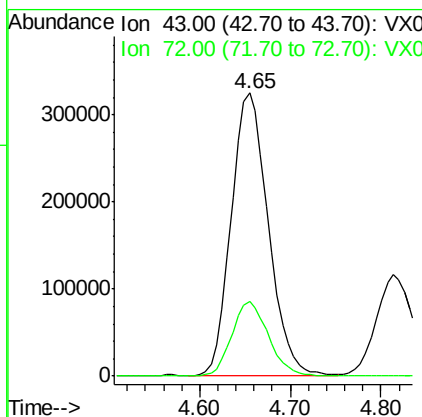
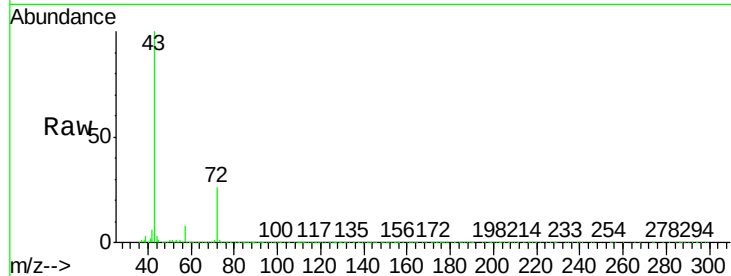
43 100

72 26.2 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 47.834 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014740.D

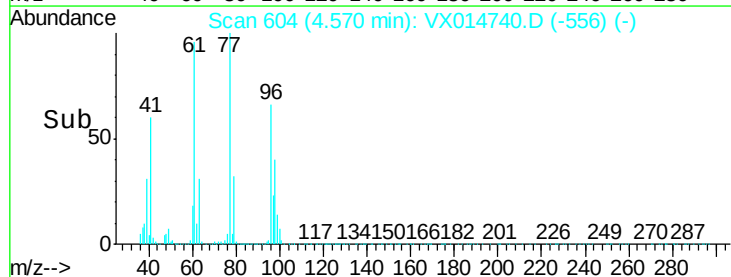
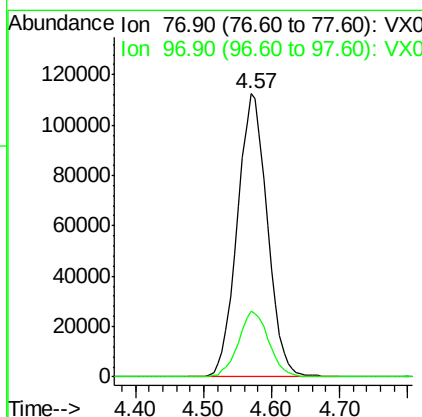
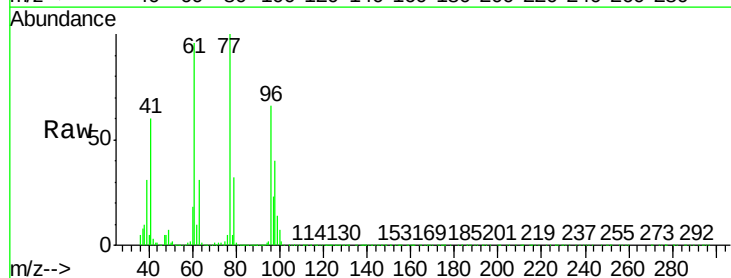
Acq: 28 Jan 2020 10:17

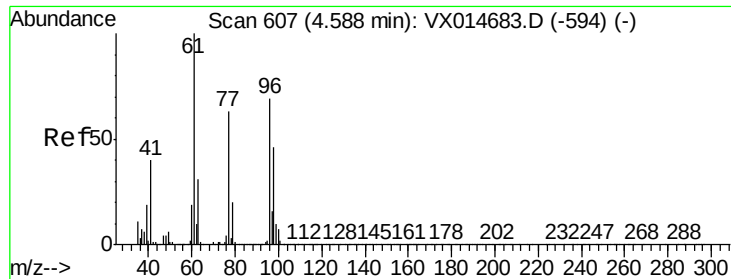
Tgt Ion: 77 Resp: 345609

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

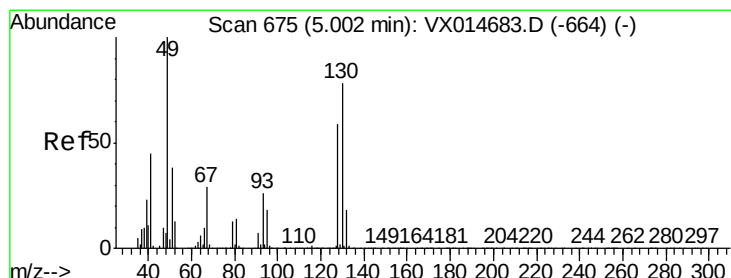
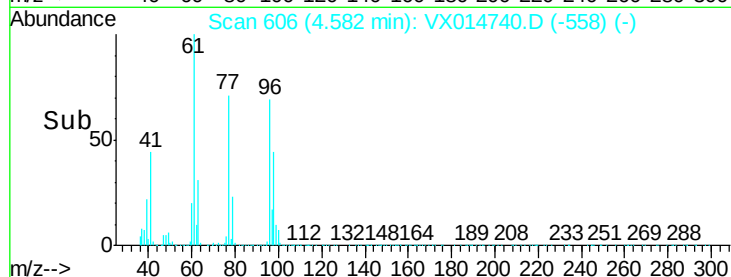
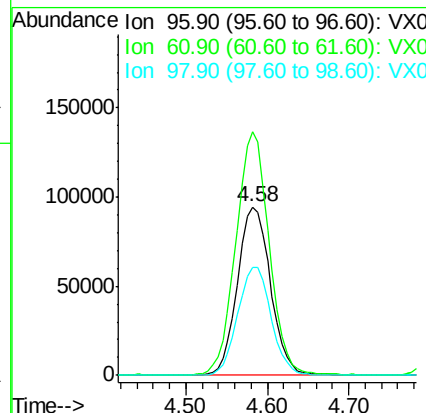
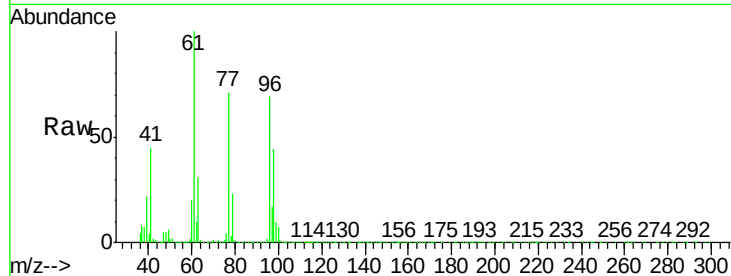
cis-1,2-Dichloroethene
Concen: 46.096 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	264026		
61	146.0	0.0	291.0	
98	65.0	0.0	129.8	

Manual Integrations
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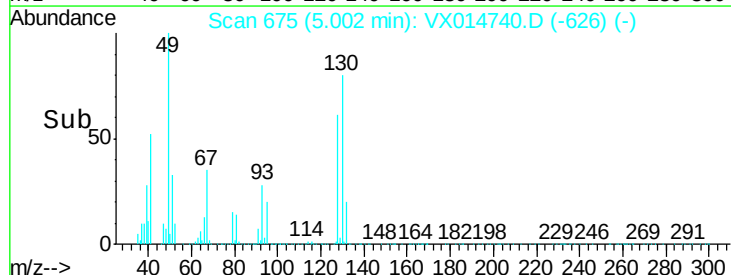
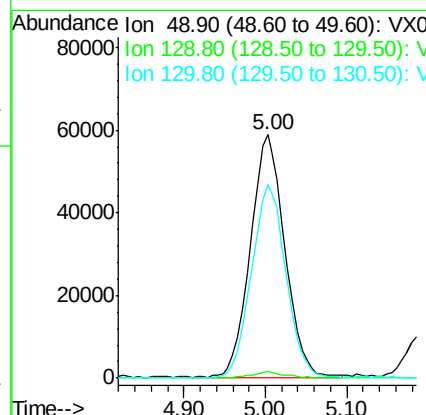
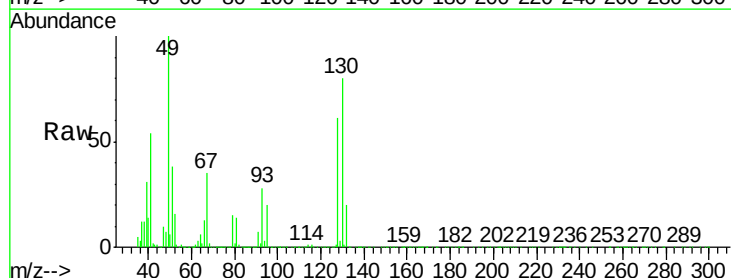
MMDadoda
1/29/2020 10:55:45 AM

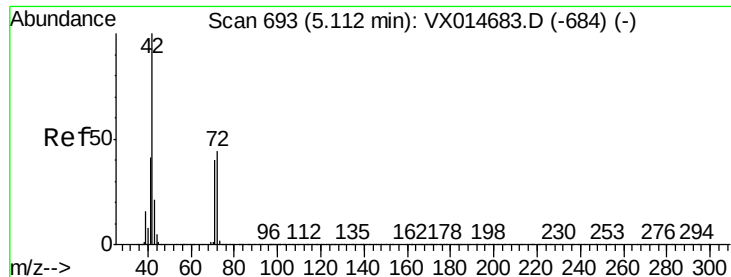


#28

Bromochloromethane
Concen: 43.453 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172365		
129	2.5	0.0	4.8	
130	80.3	62.4	93.6	





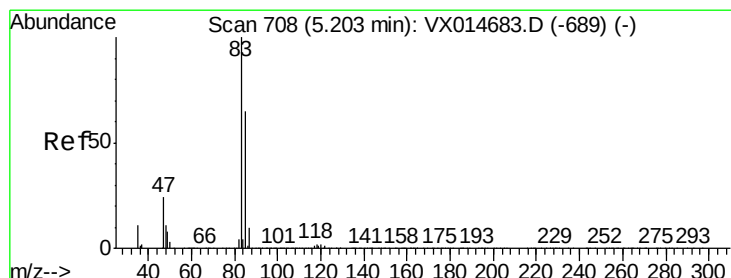
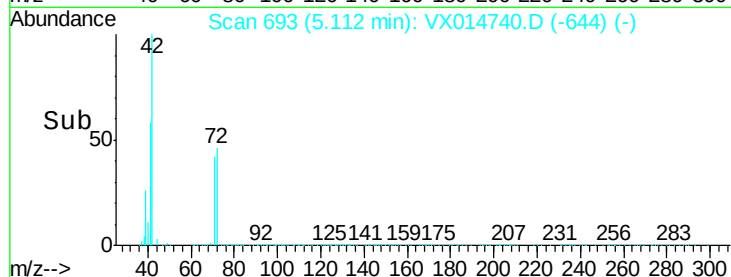
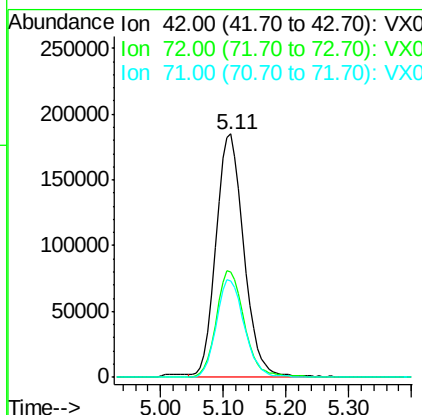
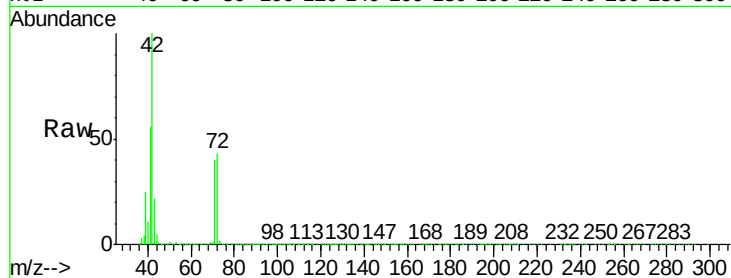
#29
Tetrahydrofuran
Concen: 221.994 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	564901
Ion Ratio		Lower	Upper
42	100		
72	44.0	35.3	52.9
71	40.4	33.1	49.7

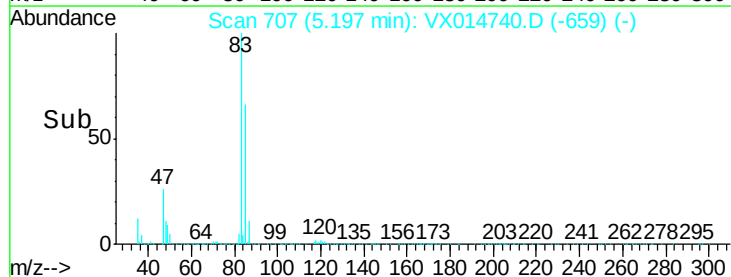
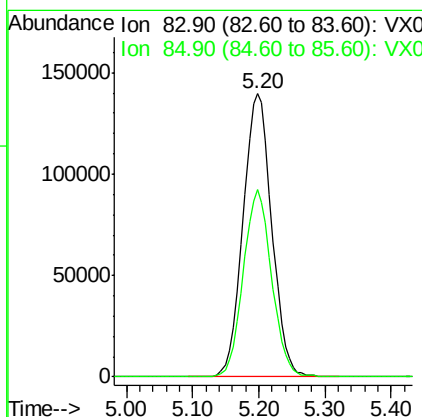
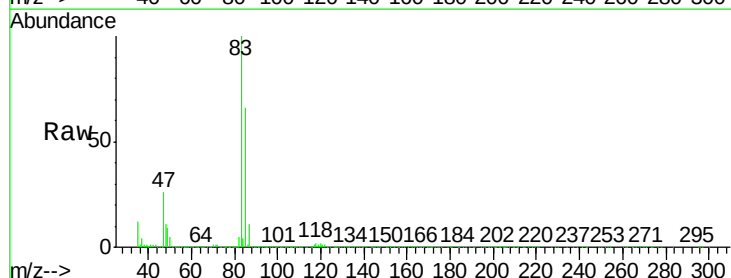
Manual Integrations
APPROVED

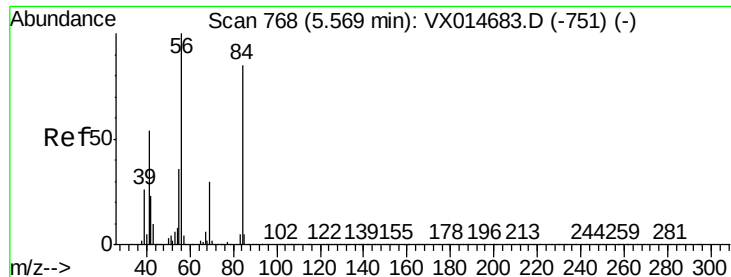
MMDadoda
1/29/2020 10:55:45 AM



#30
Chloroform
Concen: 47.158 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:	83	Resp:	421687
Ion Ratio		Lower	Upper
83	100		
85	66.2	51.7	77.5





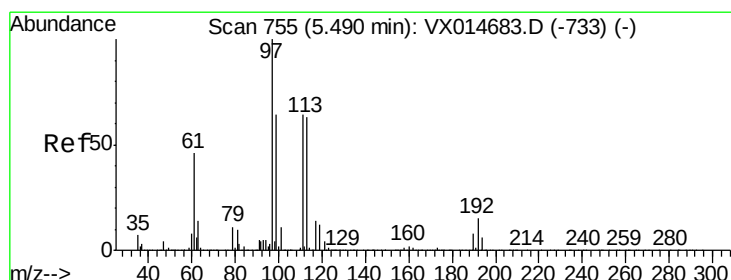
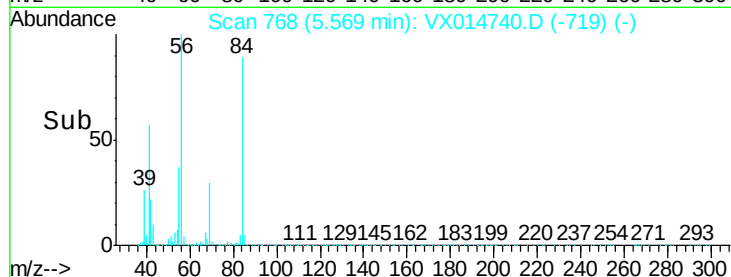
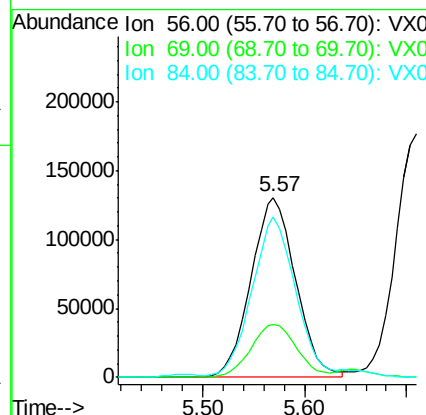
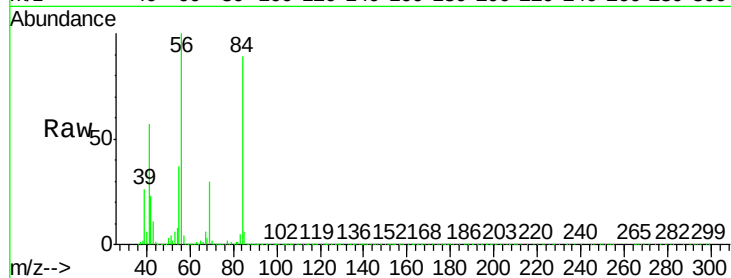
#31
Cyclohexane
Concen: 46.374 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.2
84	87.5	68.4	102.6

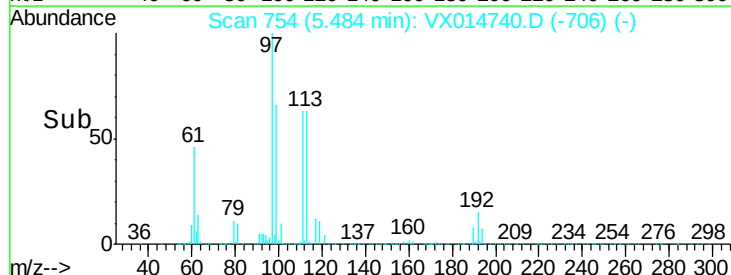
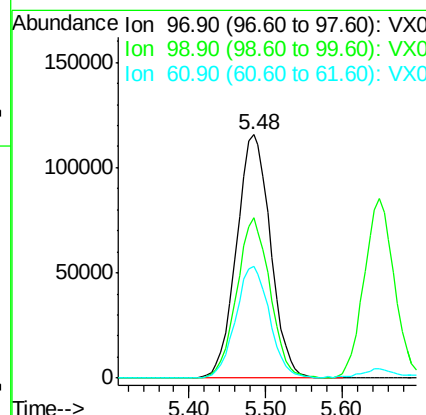
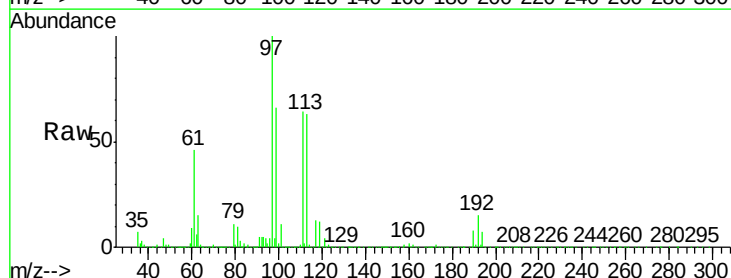
Manual Integrations
APPROVED

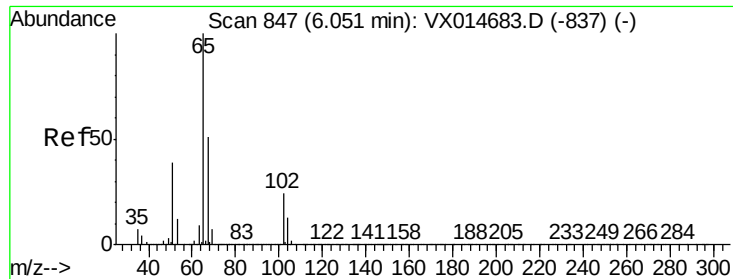
MMDadoda
1/29/2020 10:55:45 AM



#32
1,1,1-Trichloroethane
Concen: 47.030 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	45.5	37.2	55.8





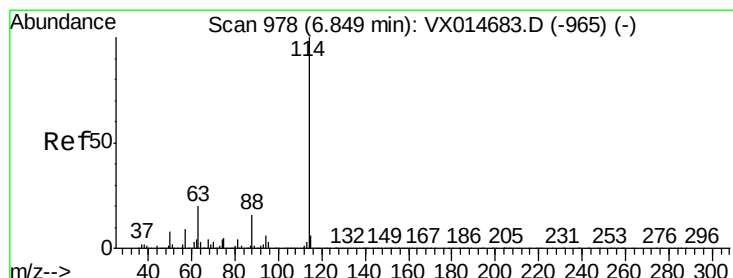
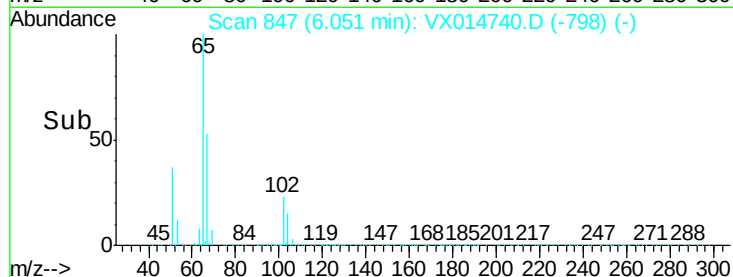
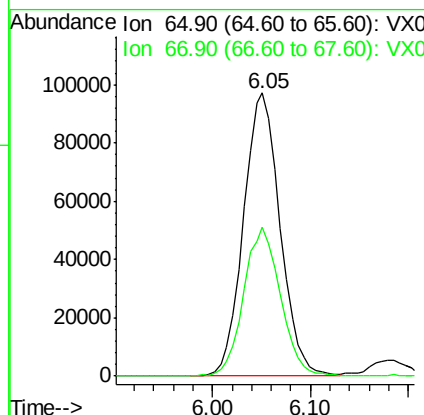
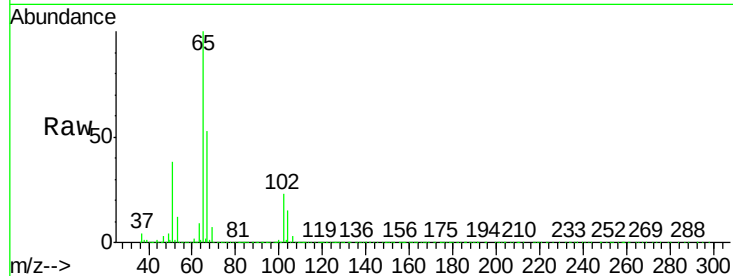
#33
 1,2-Dichloroethane-d4
 Concen: 45.856 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	250375		
67	52.4	0.0	107.4	

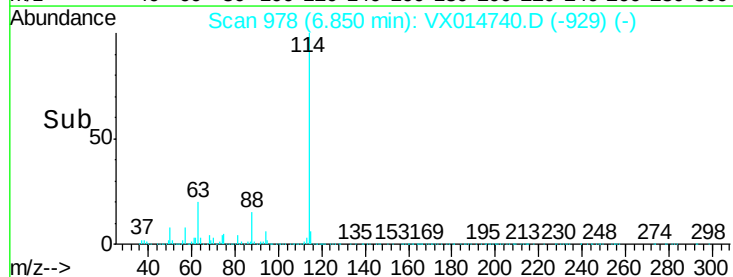
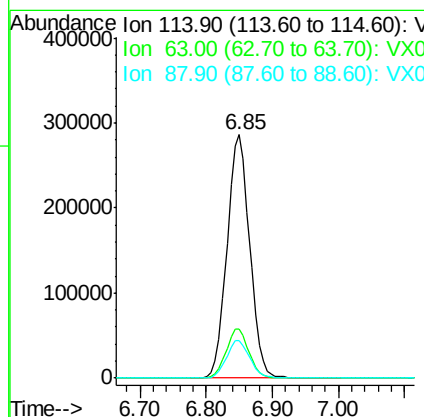
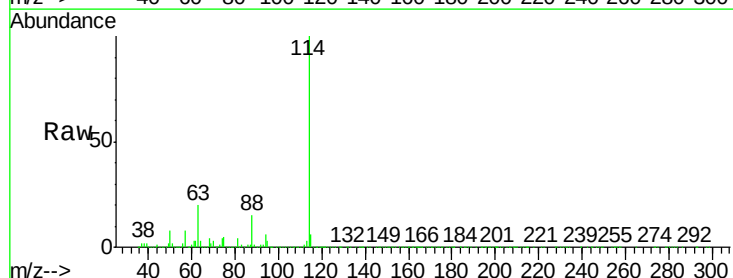
Manual Integrations
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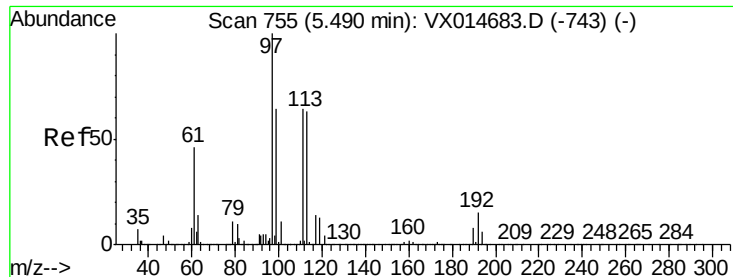
MMDadoda
 1/29/2020 10:55:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	679412		
63	20.1	0.0	40.6	
88	15.4	0.0	31.2	





#35

Dibromofluoromethane

Concen: 48.090 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

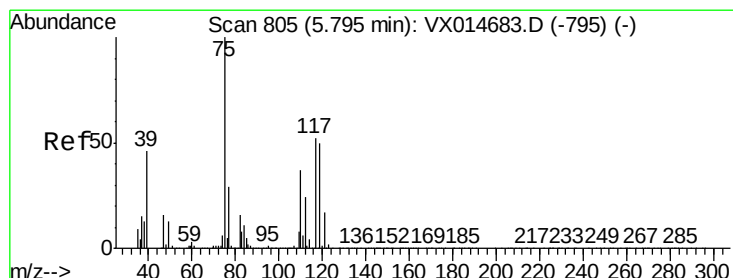
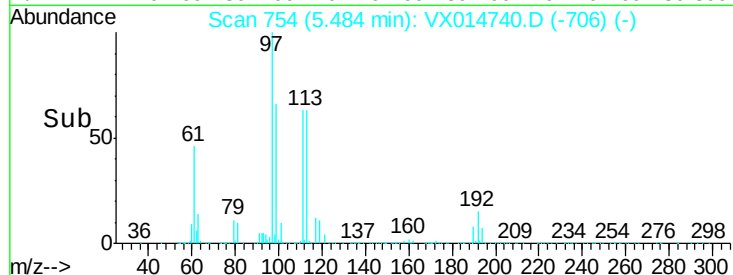
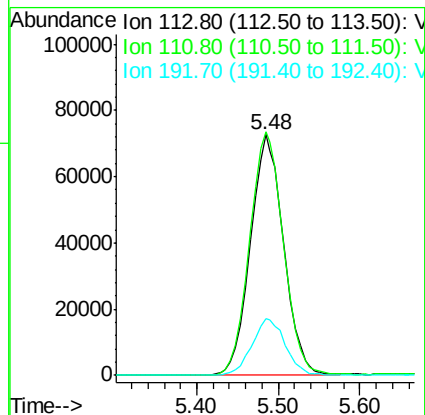
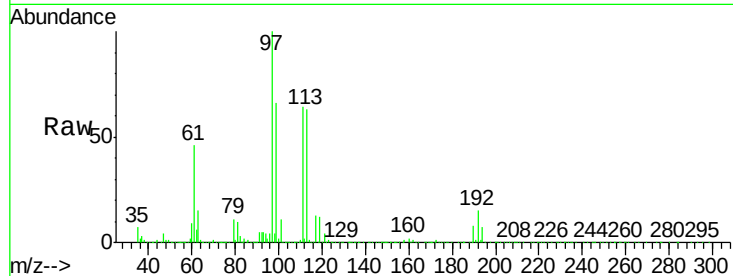
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	206163
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.7	121.1
192	23.8	18.5	27.7

Manual Integrations
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MMDadoda
1/29/2020 10:55:45 AM



#36

1,1-Dichloropropene

Concen: 51.469 ug/l

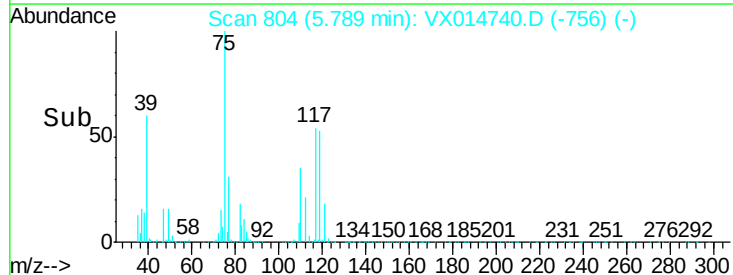
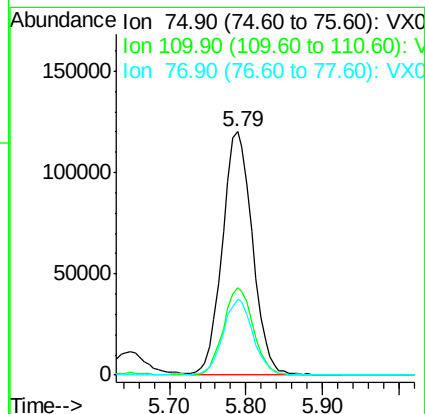
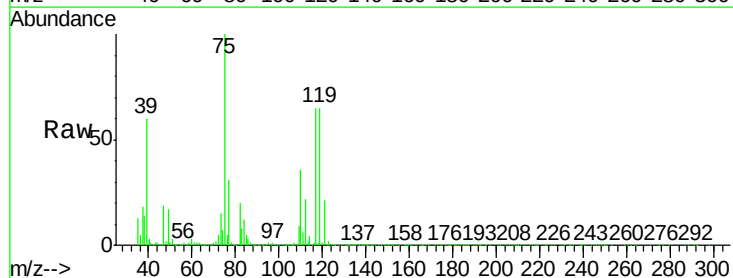
RT: 5.79 min Scan# 804

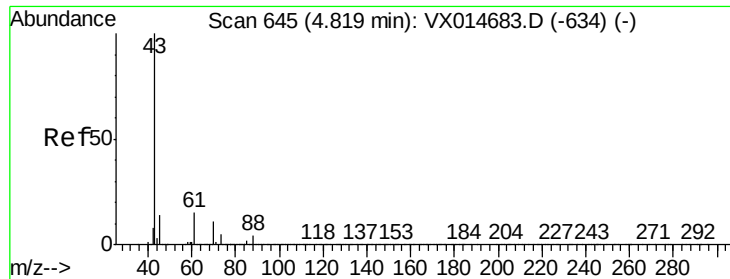
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	75	Resp:	324926
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.9	53.7
77	30.5	24.1	36.1





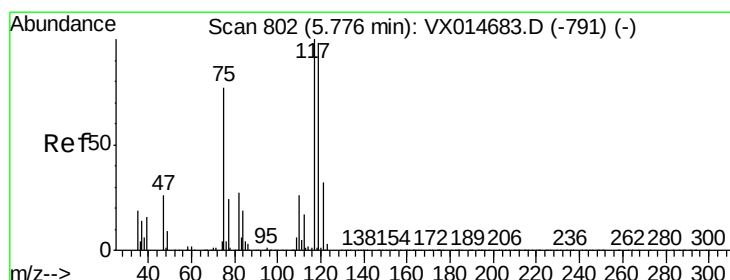
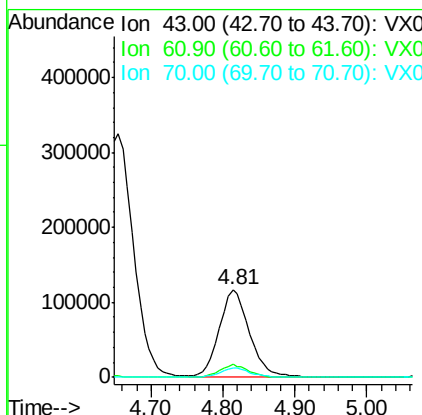
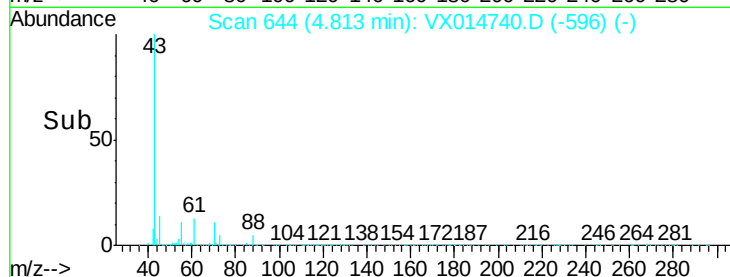
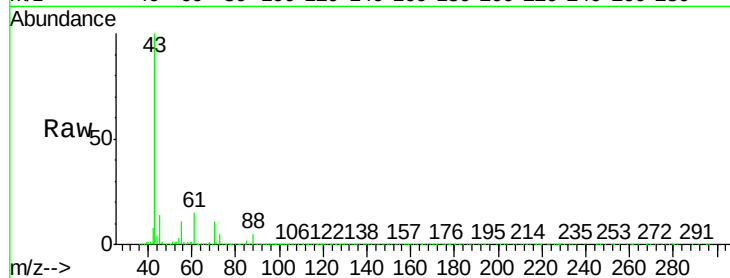
#37
Ethyl Acetate
Concen: 46.957 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	339529
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.4
70	10.5	8.5	12.7

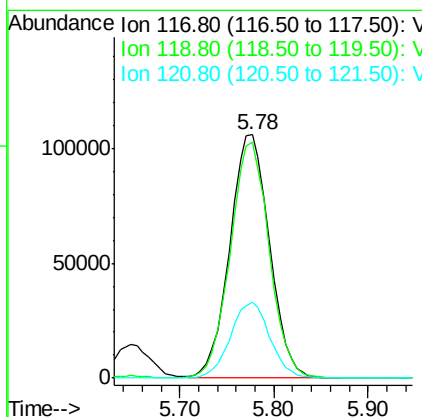
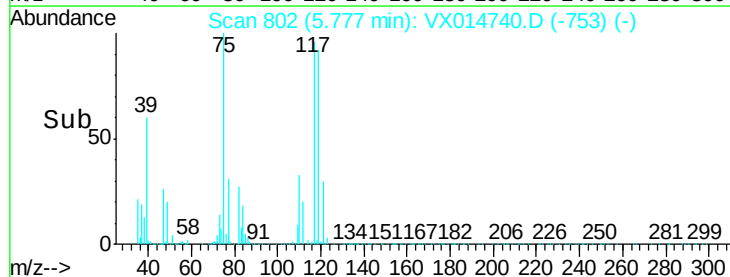
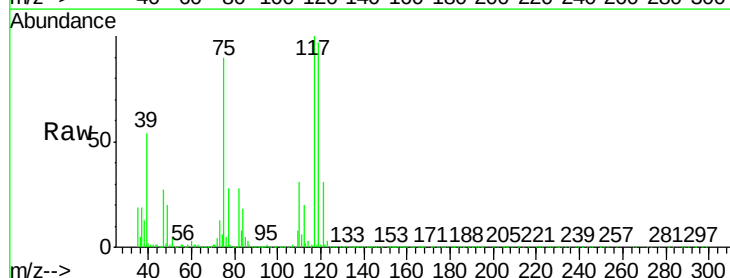
Manual Integrations
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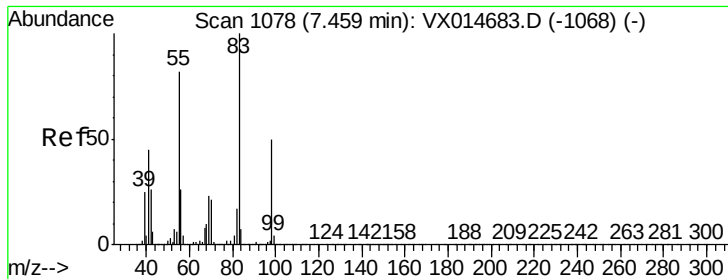
MMDadoda
1/29/2020 10:55:45 AM



#38
Carbon Tetrachloride
Concen: 51.511 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	117	Resp	310575
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.9	116.9
121	31.1	25.4	38.2





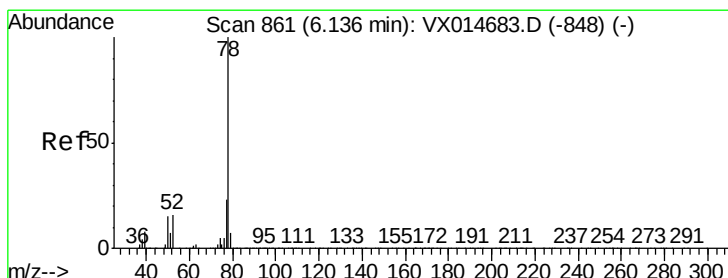
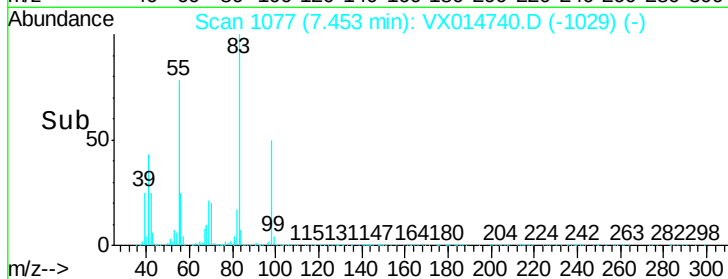
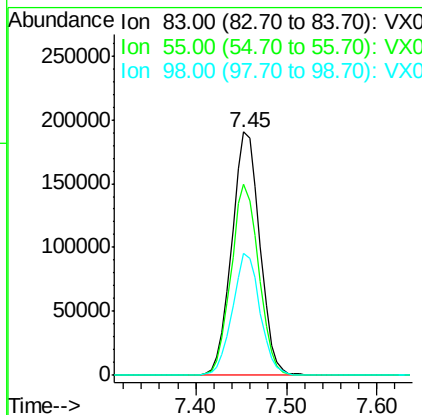
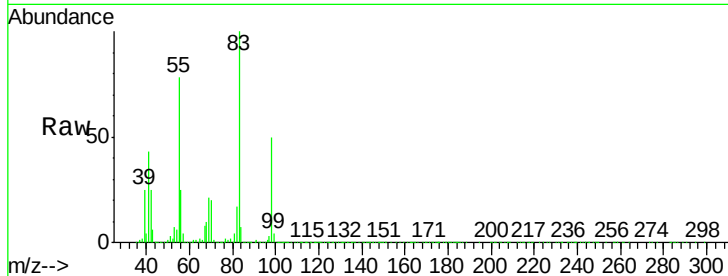
#39
Methylvlcyclohexane
Concen: 51.640 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.3	65.6	98.4	
98	50.3	40.2	60.4	

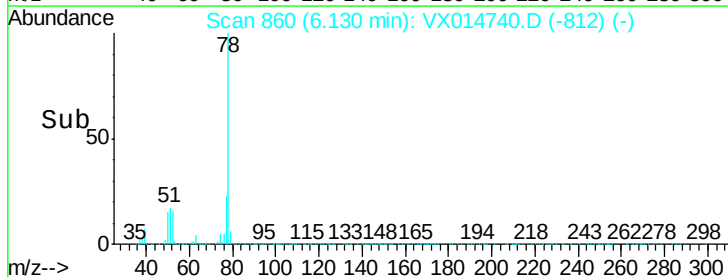
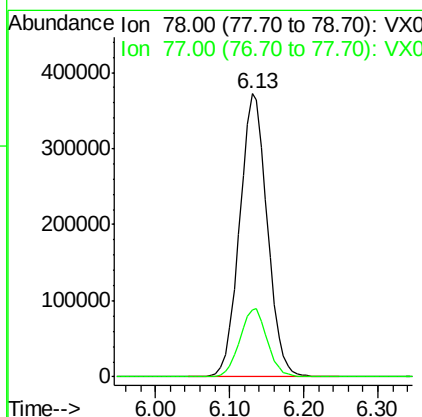
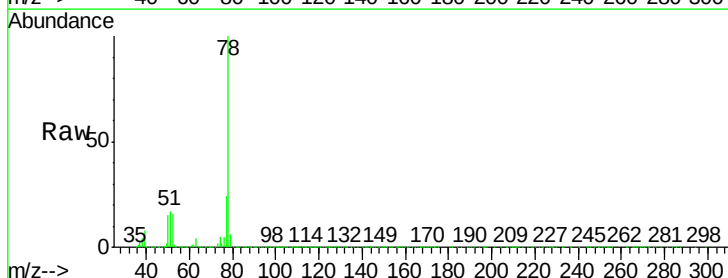
Manual Integrations
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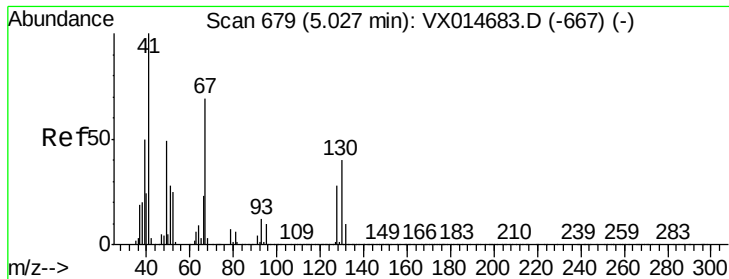
MMDadoda
1/29/2020 10:55:45 AM



#40
Benzene
Concen: 49.635 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.7	28.1	





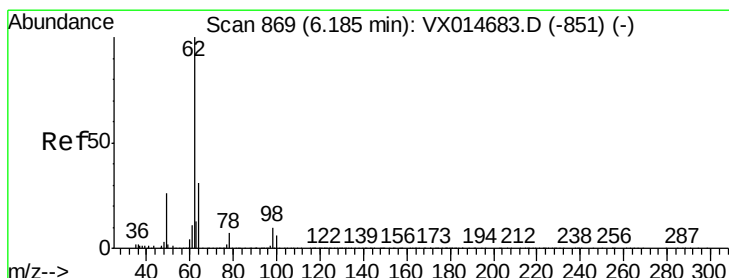
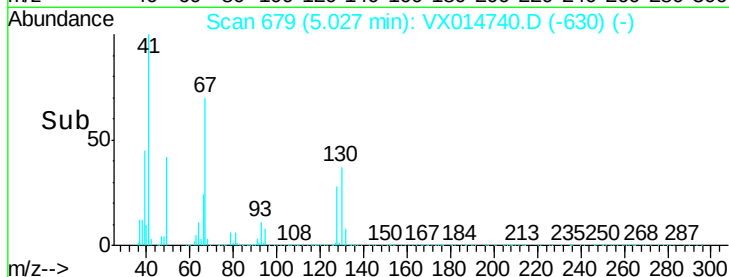
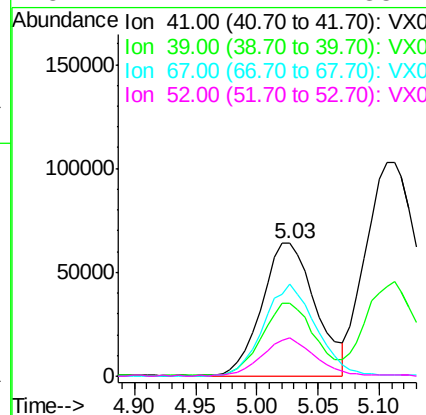
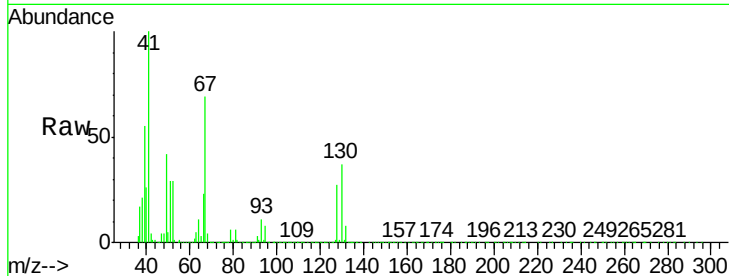
#41
Methacrylonitrile
Concen: 47.351 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195383		
39	52.1	42.2	63.2		
67	68.2	55.4	83.0		
52	27.7	22.1	33.1		

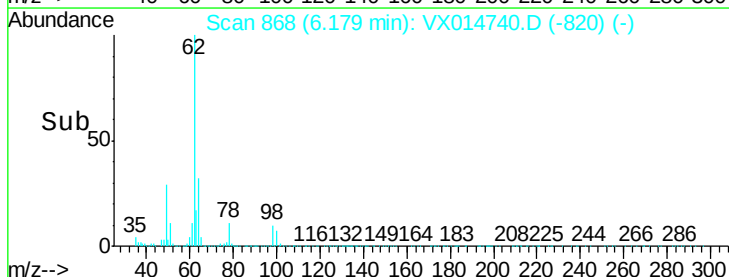
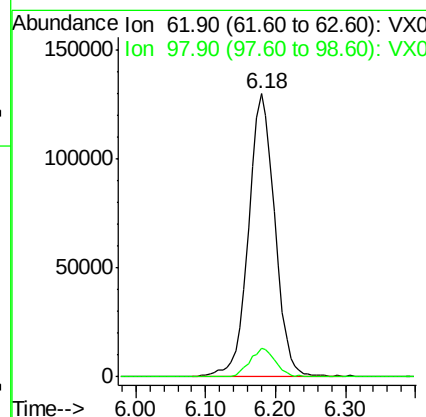
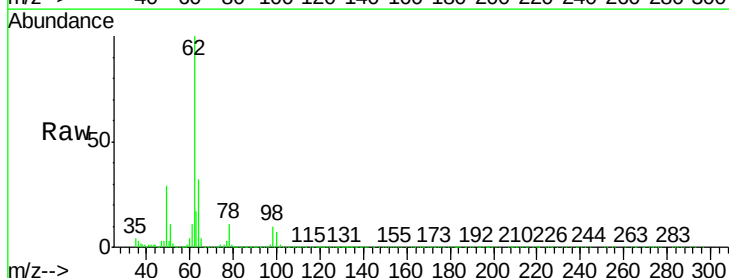
Manual Integrations
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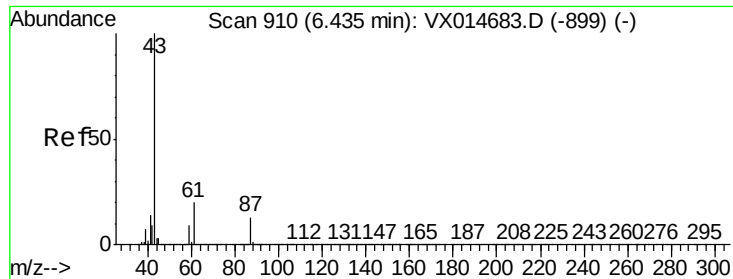
MMDadoda
1/29/2020 10:55:45 AM



#42
1,2-Dichloroethane
Concen: 50.607 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		340883		
98	9.8	0.0	20.0		





#43

Isopropyl Acetate

Concen: 47.639 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

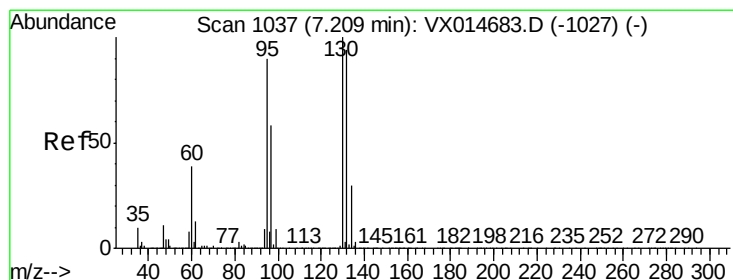
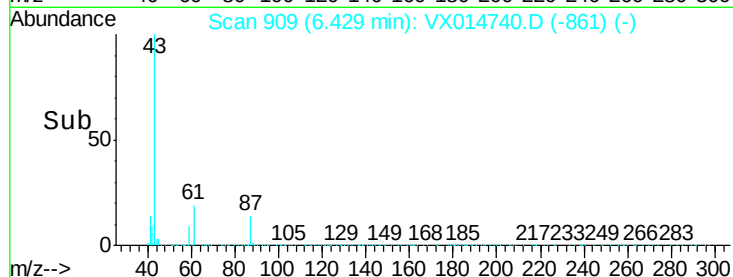
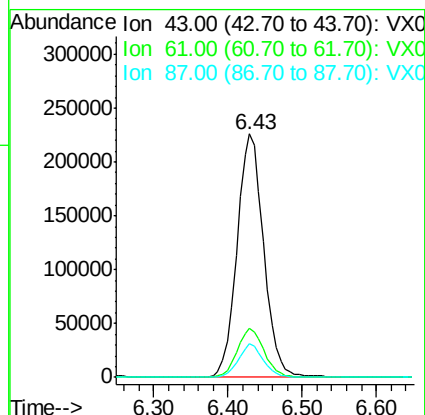
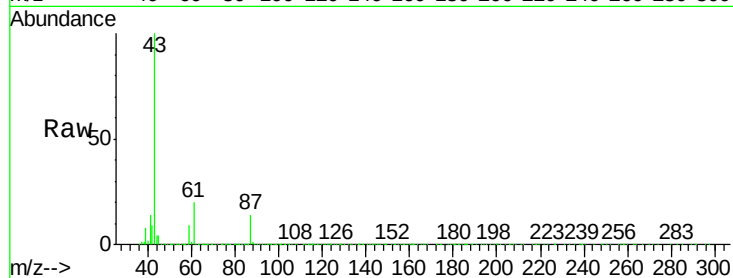
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	564070
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.0	10.5	15.7

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#44

Trichloroethene

Concen: 48.680 ug/l

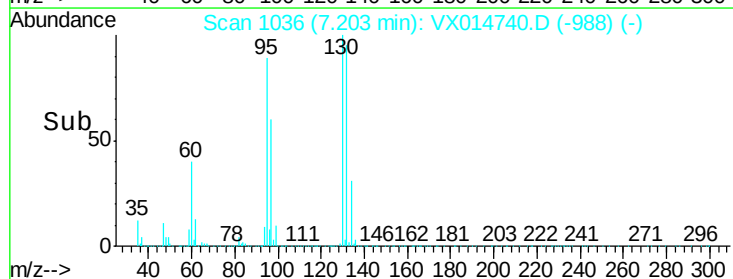
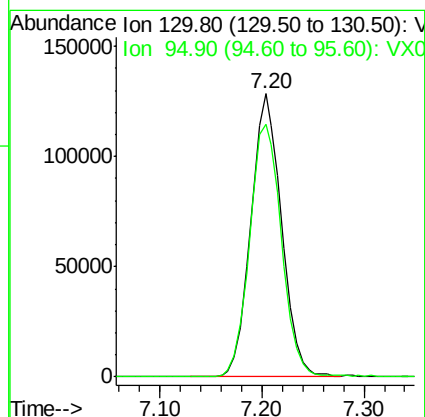
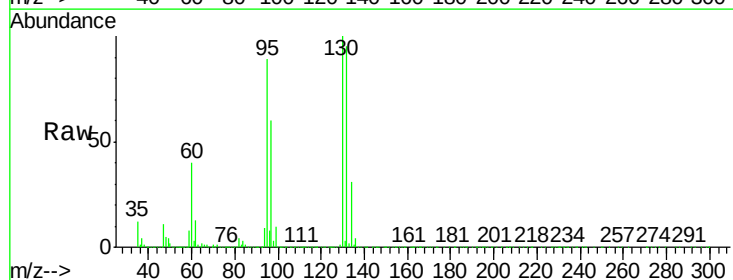
RT: 7.20 min Scan# 1036

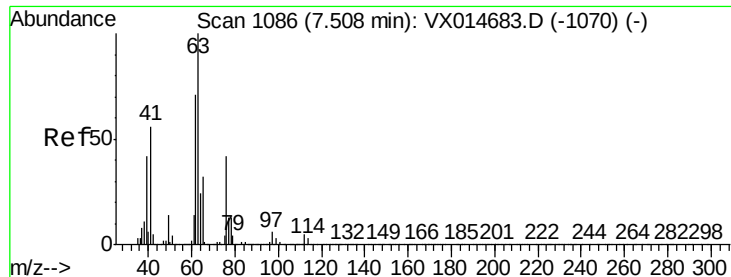
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	130	Resp:	268217
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	179.8





#45

1,2-Dichloropropane

Concen: 50.550 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

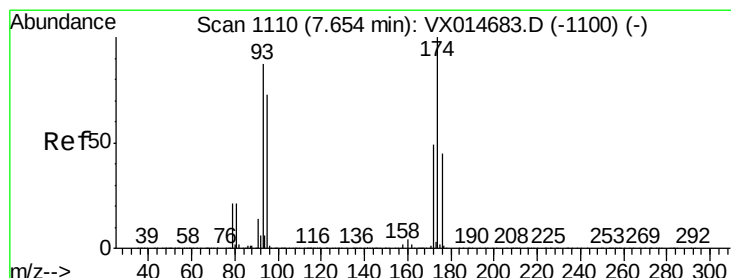
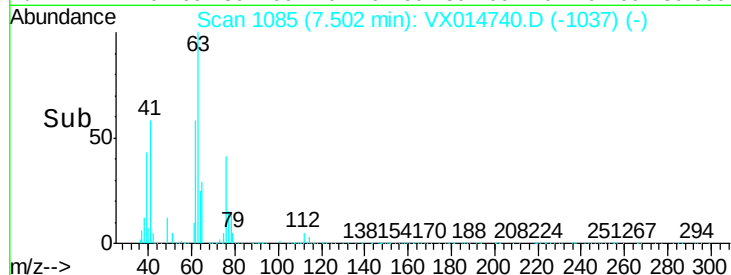
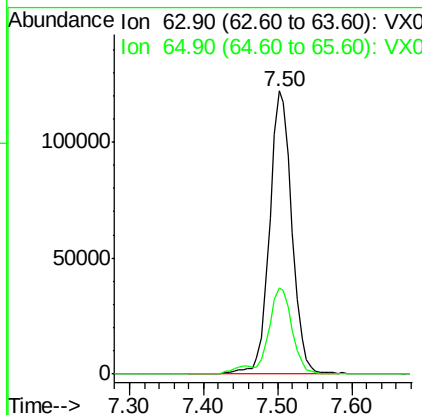
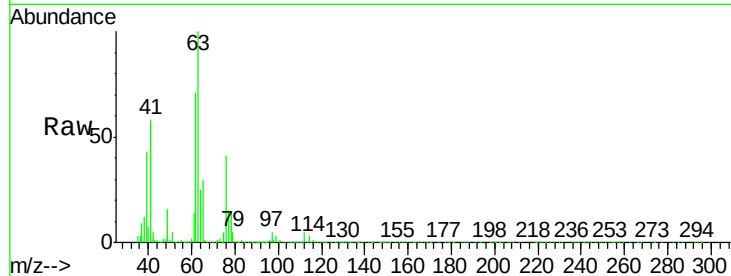
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.2	37.8

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#46

Dibromomethane

Concen: 49.796 ug/l

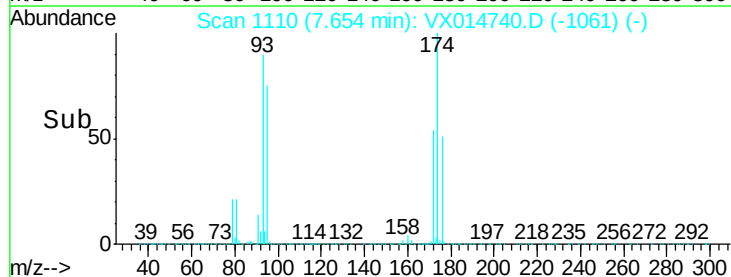
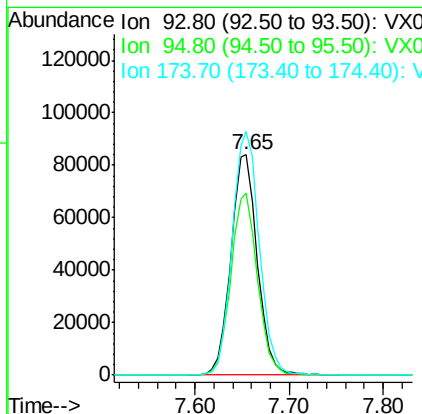
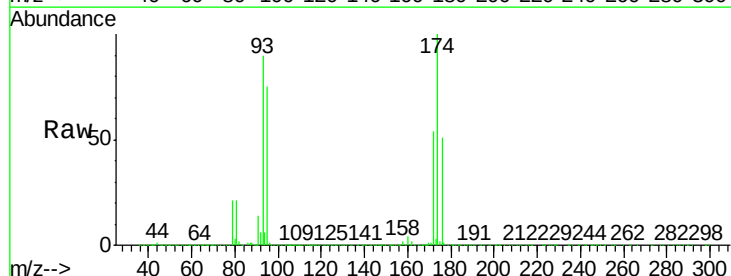
RT: 7.65 min Scan# 1110

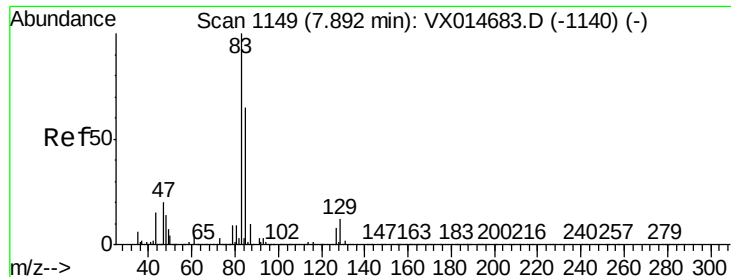
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.4
174	114.0	90.2	135.2





#47

Bromodichloromethane

Concen: 51.551 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

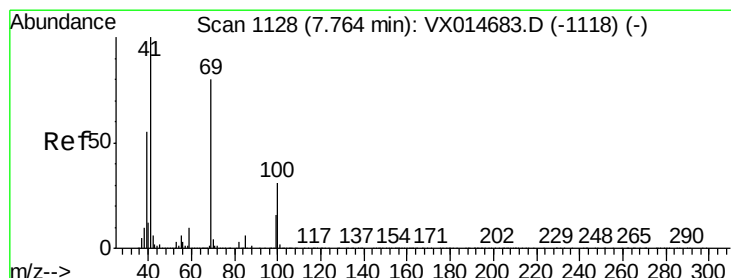
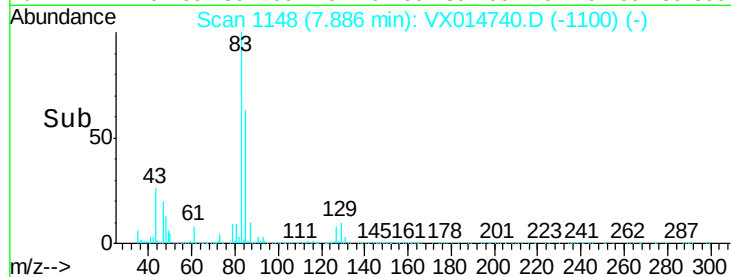
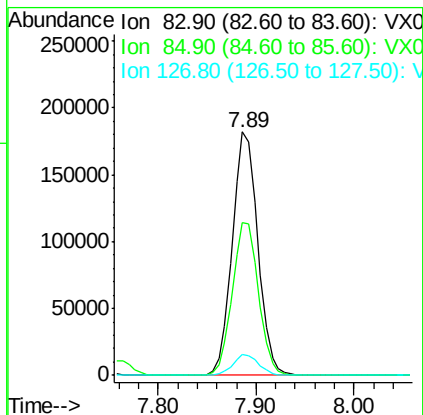
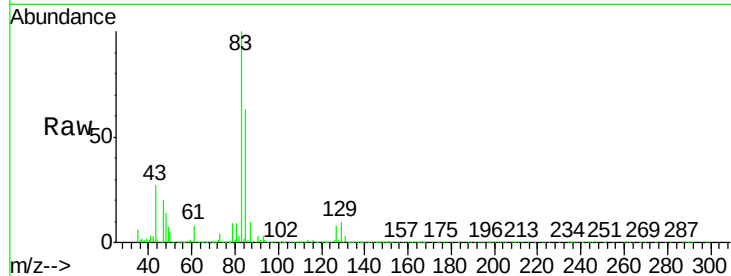
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	329066
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.2	78.2
127	8.4	6.4	9.6

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#48

Methyl methacrylate

Concen: 49.547 ug/l

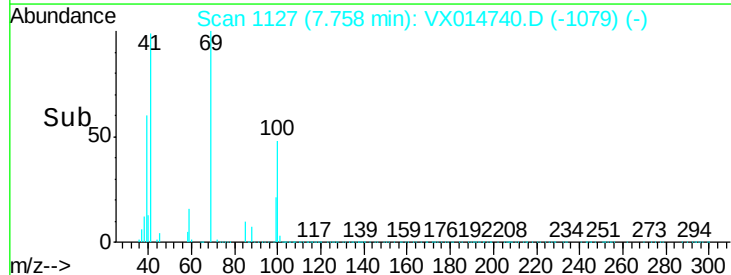
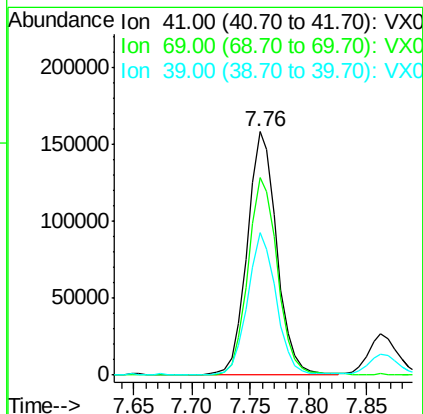
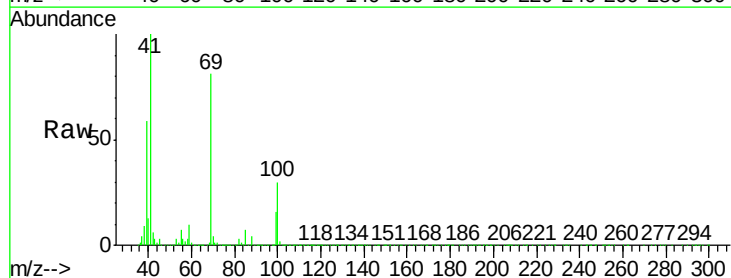
RT: 7.76 min Scan# 1127

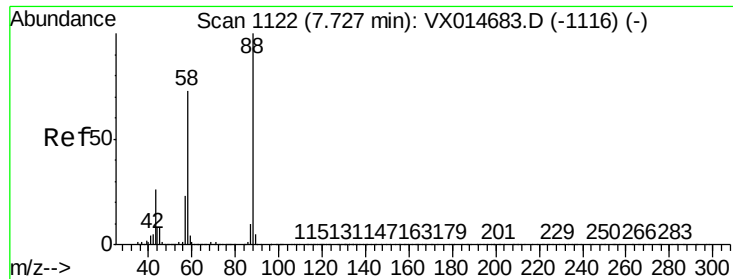
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	41	Resp:	280301
Ion Ratio	Lower	Upper	
41	100		
69	81.2	63.5	95.3
39	56.7	43.7	65.5





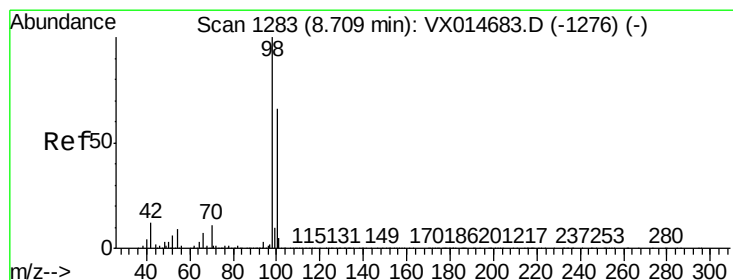
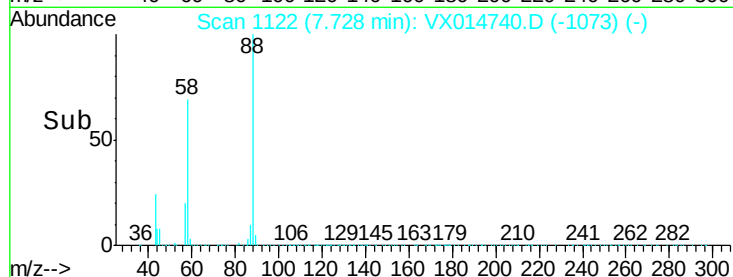
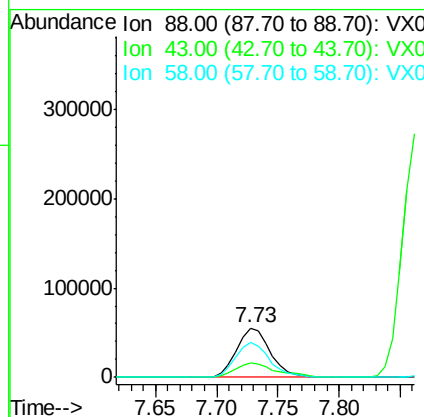
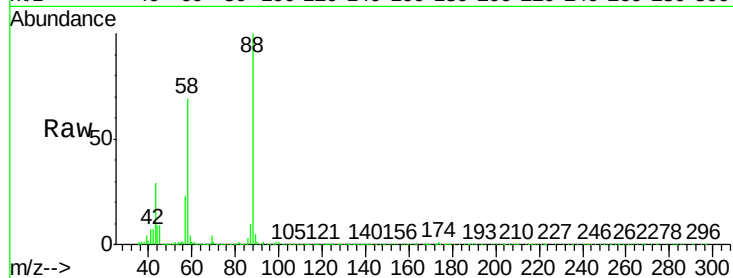
#49
1,4-Dioxane
Concen: 870.912 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.2	39.2
58	73.9	56.6	85.0

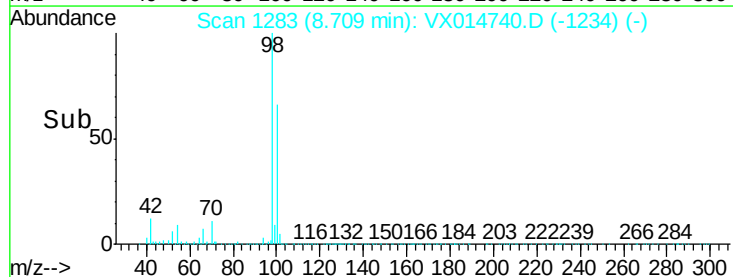
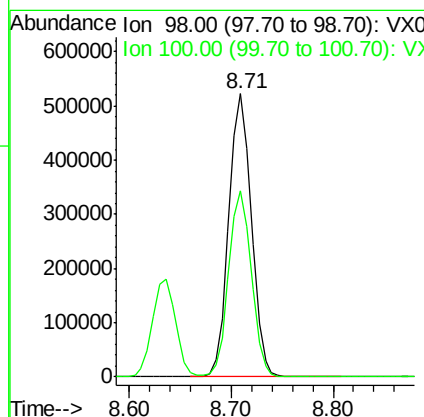
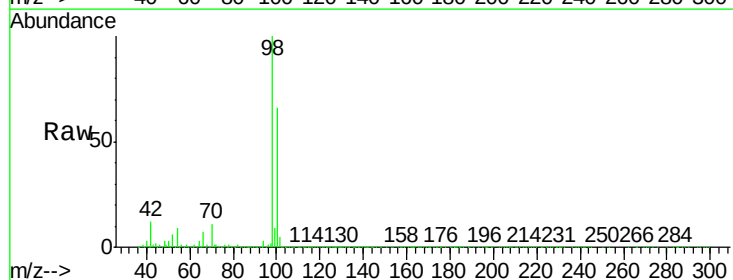
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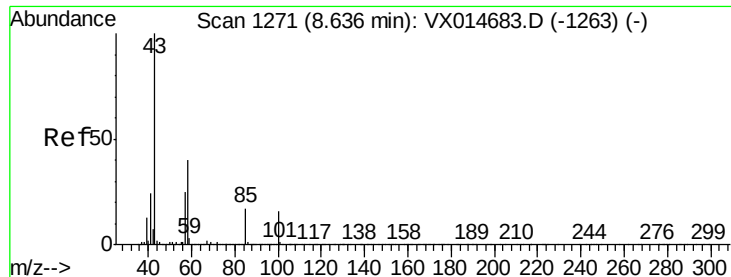
MMDadoda
1/29/2020 10:55:45 AM



#50
Toluene-d8
Concen: 48.485 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 236.505 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1767426

Ion Ratio Lower Upper

43 100

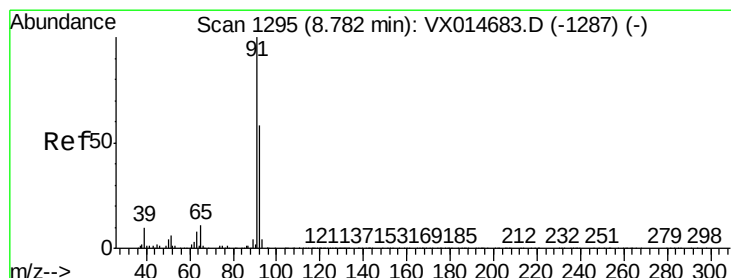
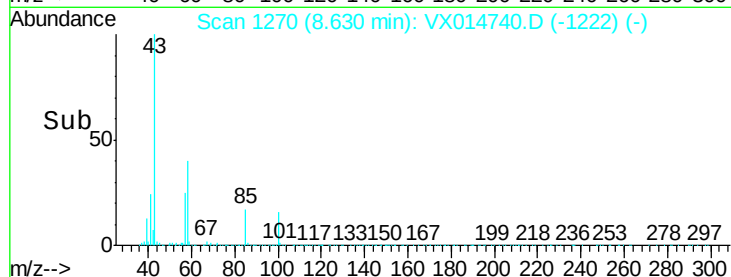
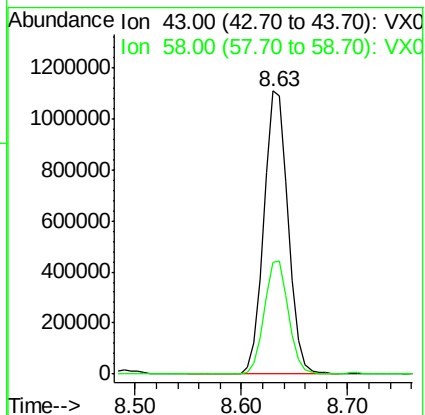
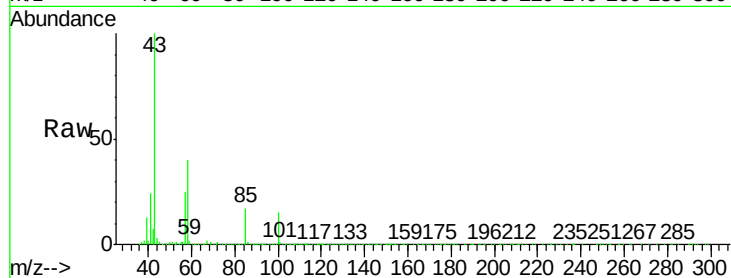
58 39.9 31.6 47.4

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#52

Toluene

Concen: 51.062 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014740.D

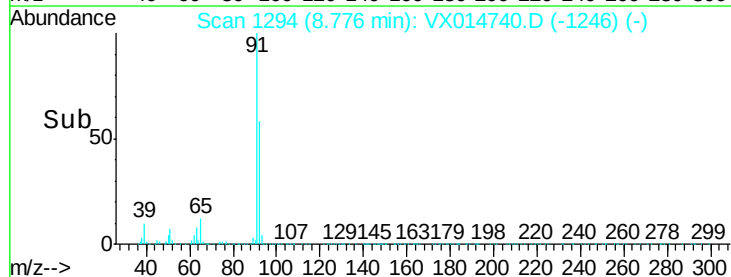
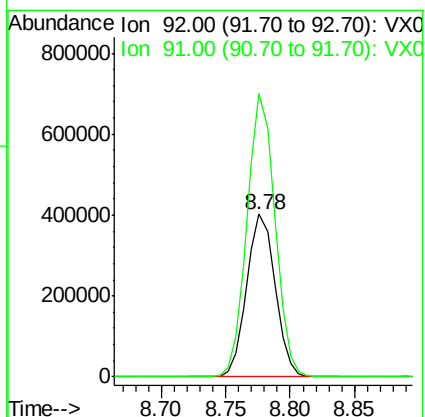
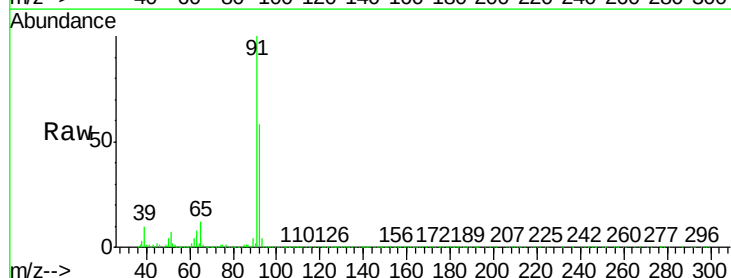
Acq: 28 Jan 2020 10:17

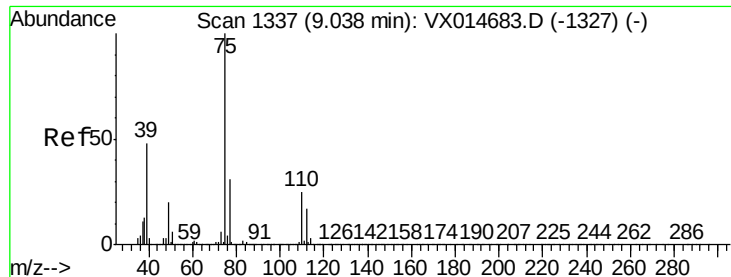
Tgt Ion: 92 Resp: 612264

Ion Ratio Lower Upper

92 100

91 171.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 357821

Ion Ratio Lower Upper

75 100

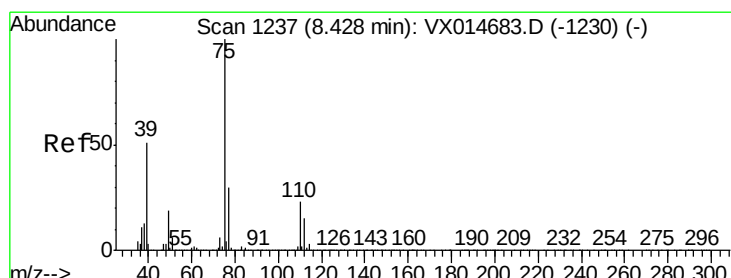
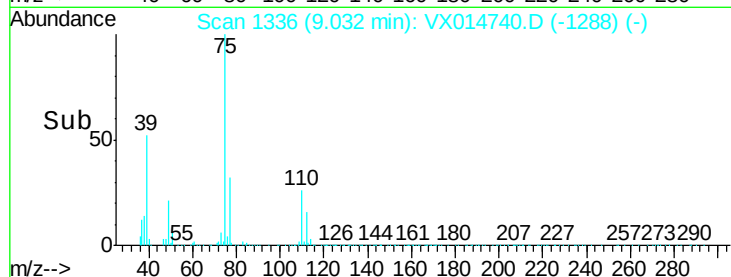
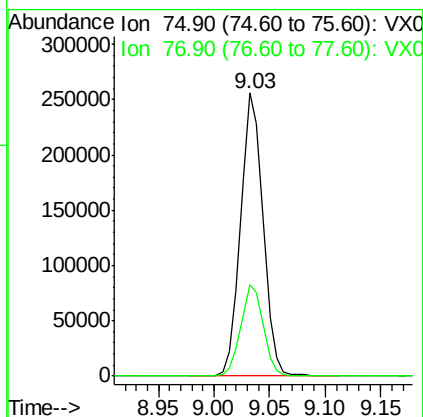
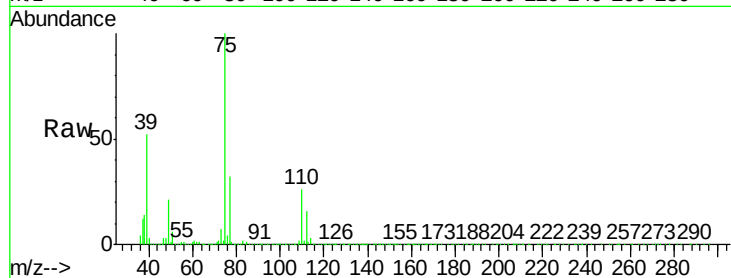
77 32.0 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 53.503 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

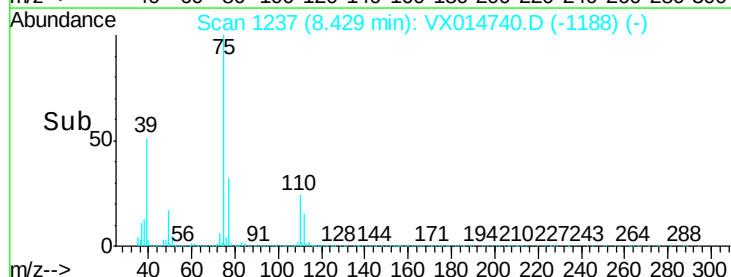
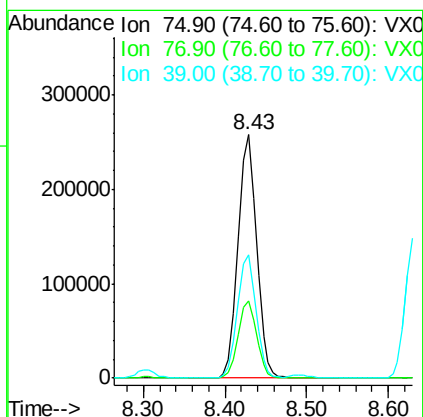
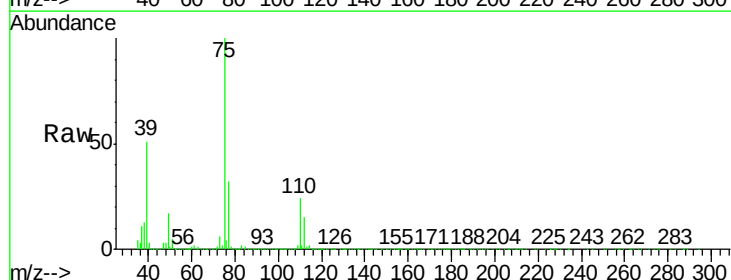
Tgt Ion: 75 Resp: 404558

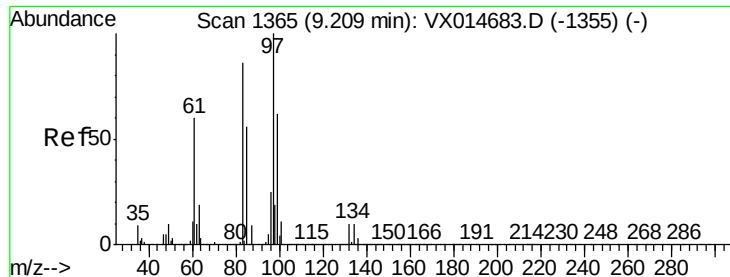
Ion Ratio Lower Upper

75 100

77 31.5 23.9 35.9

39 50.5 40.9 61.3





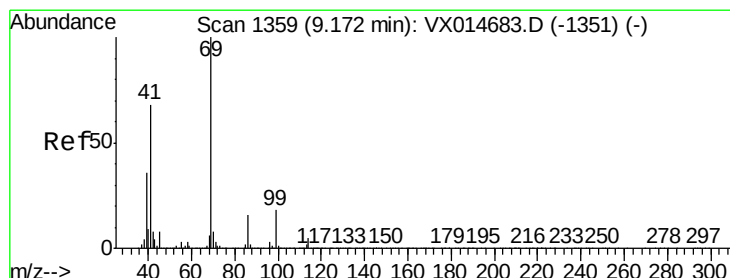
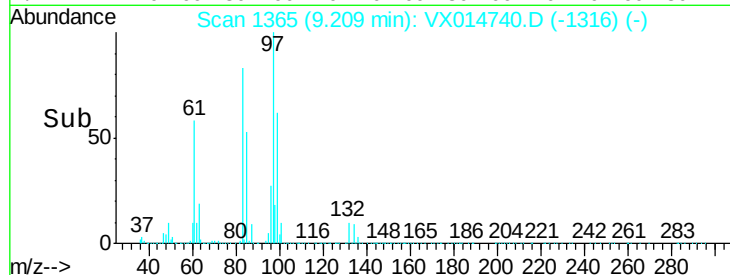
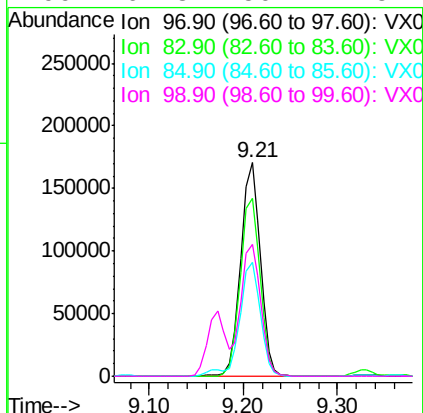
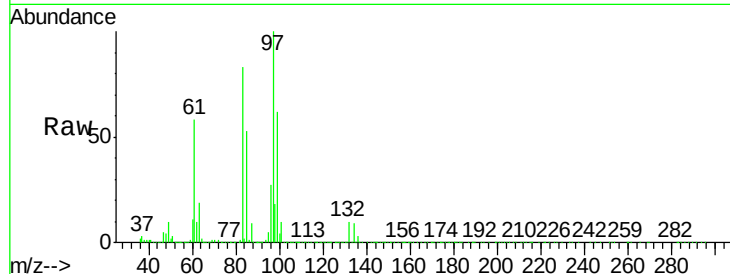
#55
 1,1,2-Trichloroethane
 Concen: 50.609 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		248451		
83	83.4	69.2	103.8		
85	53.1	44.6	67.0		
99	61.8	50.1	75.1		

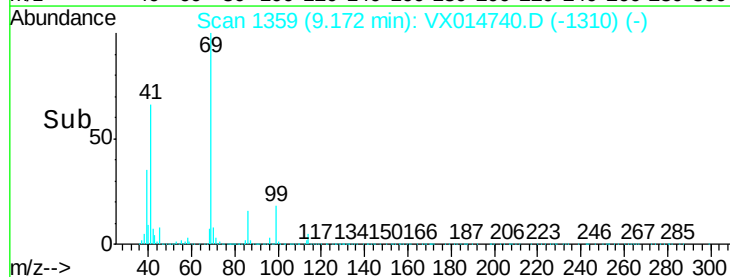
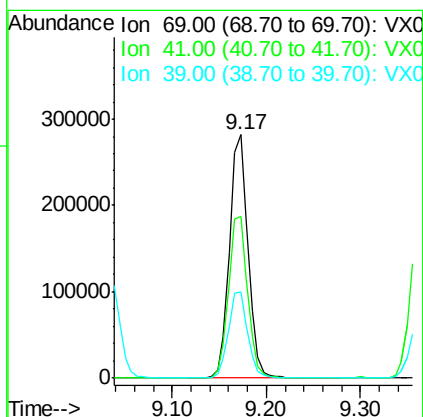
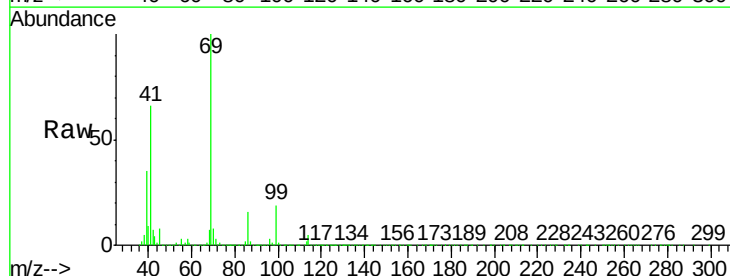
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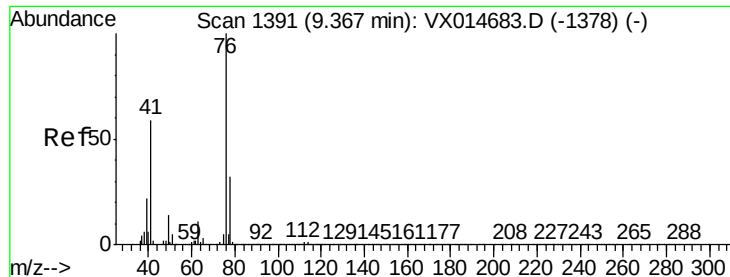
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#56
 Ethyl methacrylate
 Concen: 46.363 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		384746		
41	68.4	54.9	82.3		
39	36.4	29.3	43.9		





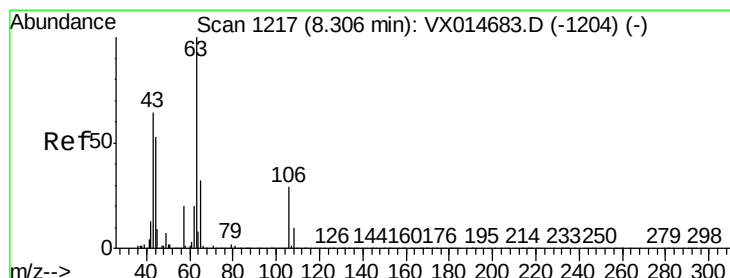
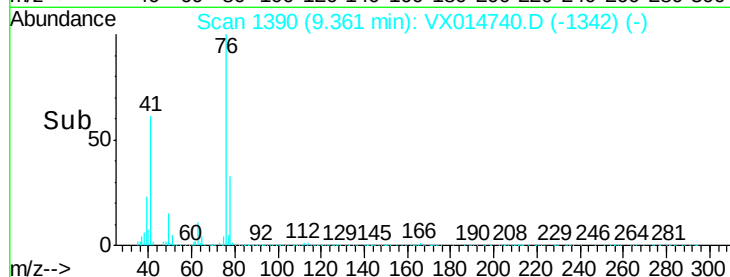
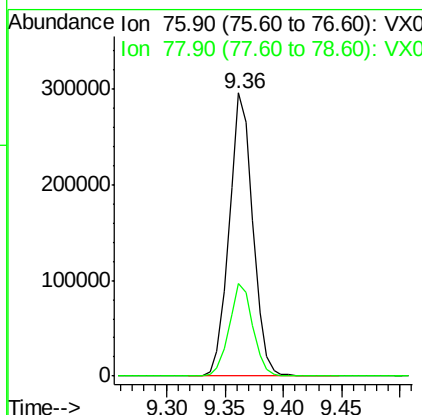
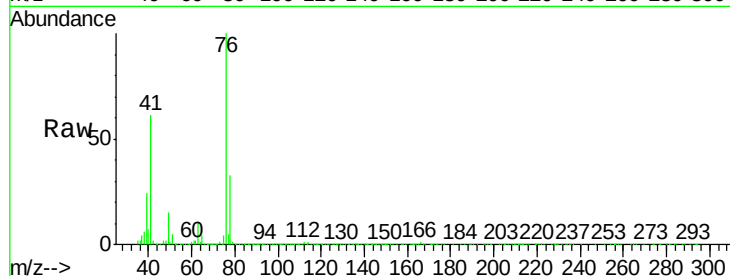
#57
 1,3-Dichloropropane
 Concen: 49.643 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

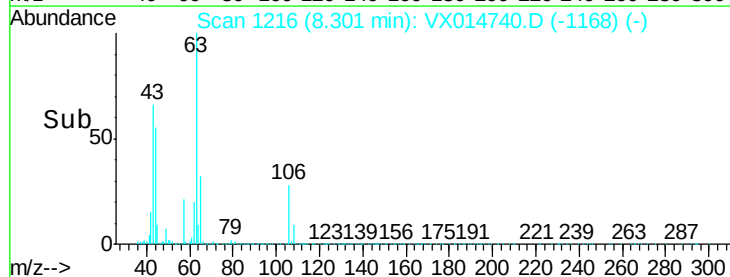
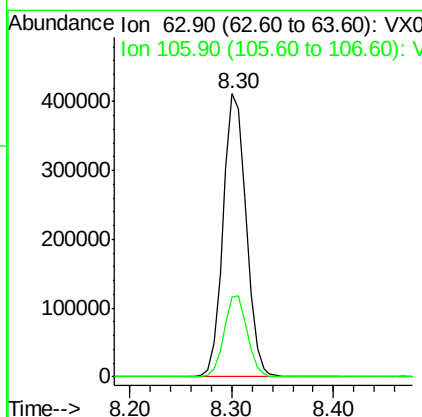
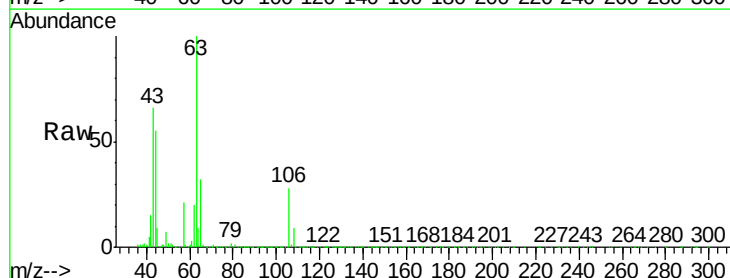
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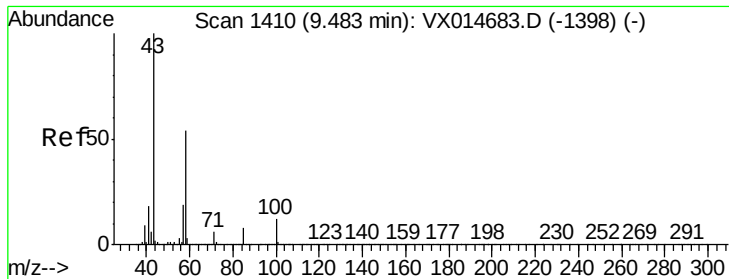
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.756 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.7	34.1





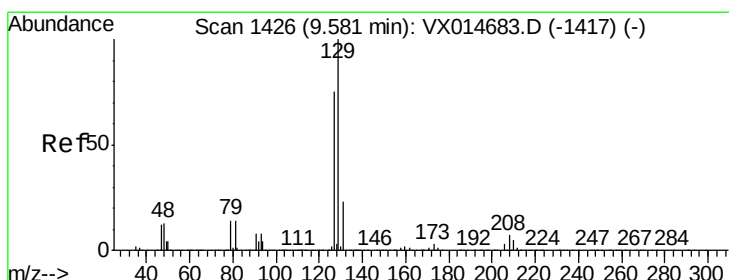
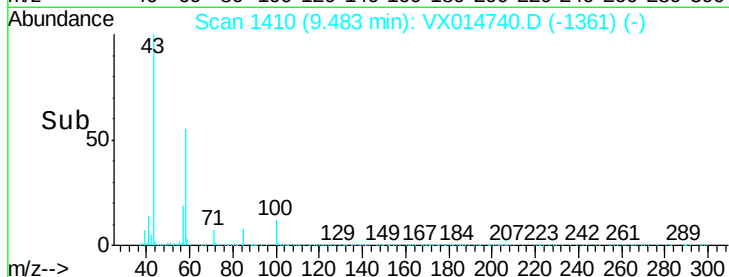
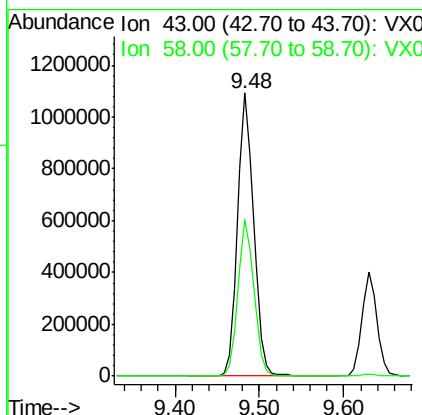
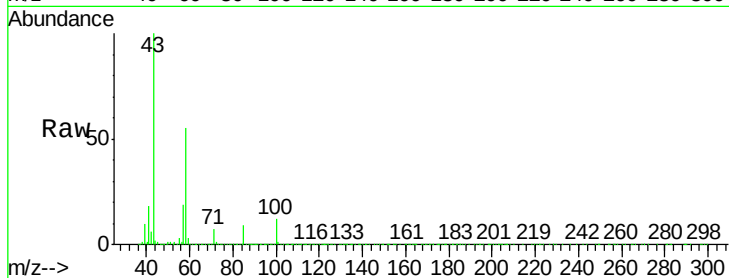
#59
2-Hexanone
Concen: 242.751 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1407718
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5

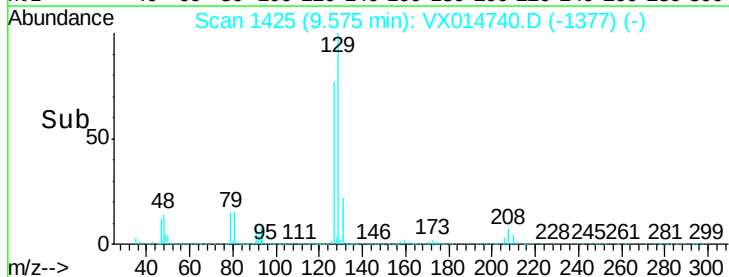
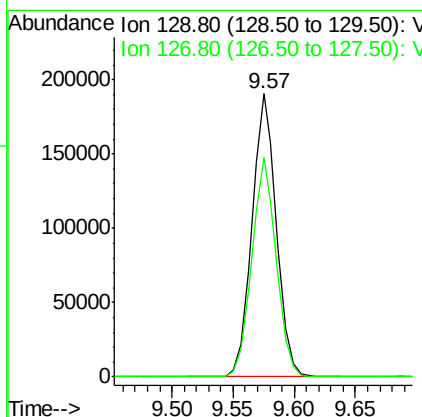
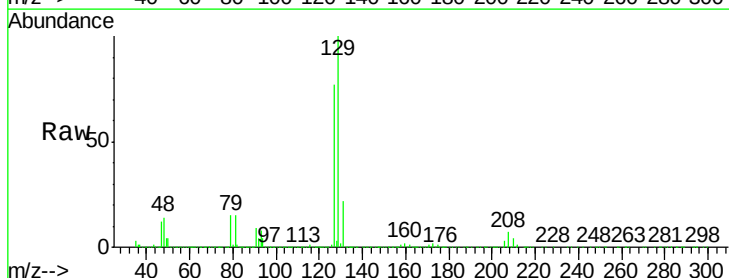
Manual Integrations
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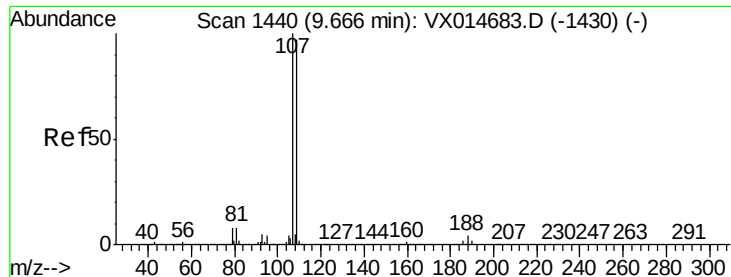
MMDadoda
1/29/2020 10:55:45 AM



#60
Dibromochloromethane
Concen: 51.679 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 129 Resp: 264809
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.789 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 258428

Ion Ratio Lower Upper

107 100

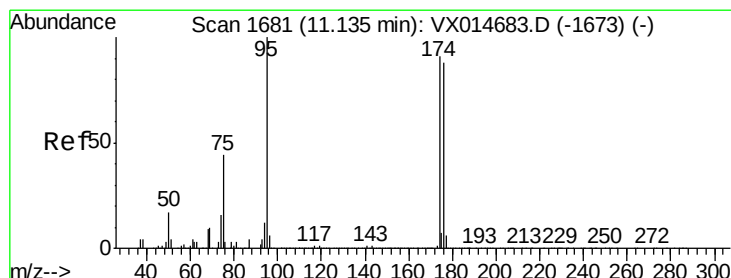
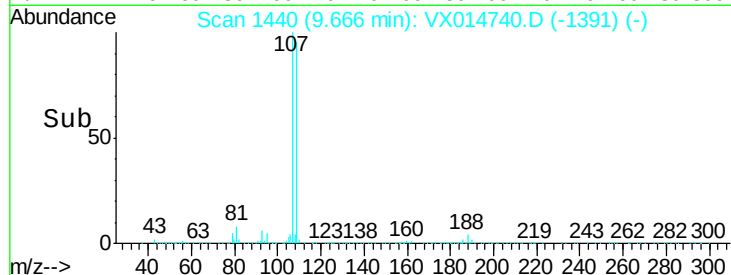
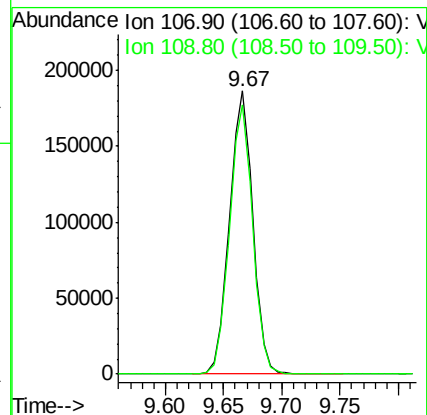
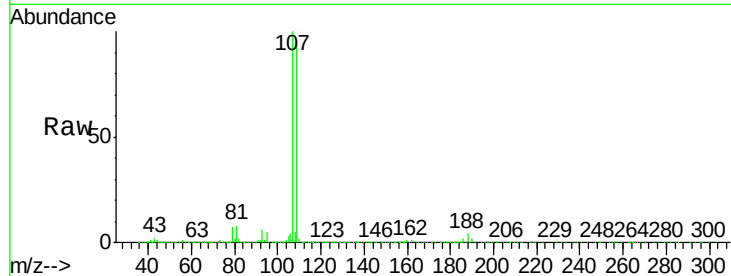
109 94.6 76.2 114.2

Manual Integrations

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1/29/2020 10:55:45 AM



#62

4-Bromofluorobenzene

Concen: 48.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

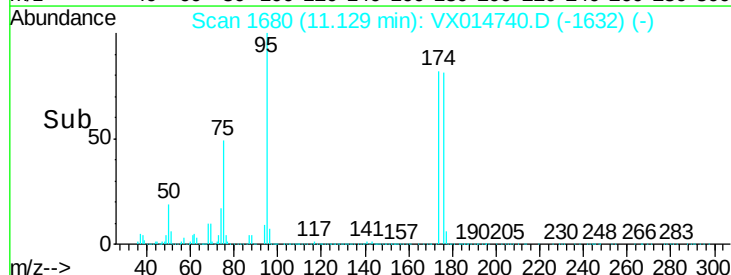
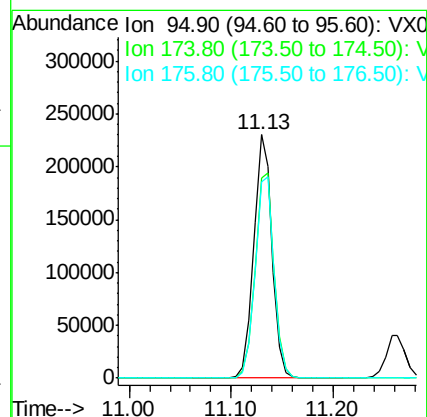
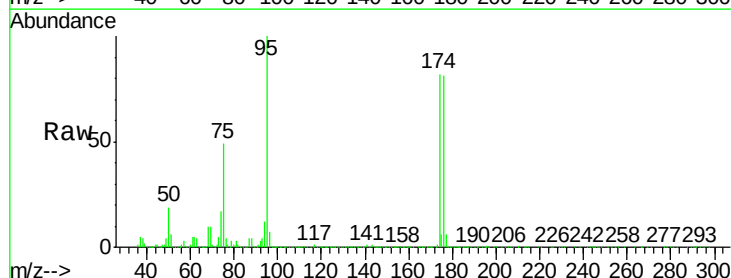
Tgt Ion: 95 Resp: 286515

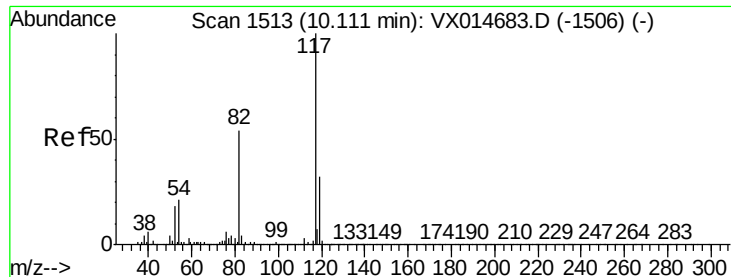
Ion Ratio Lower Upper

95 100

174 88.1 0.0 176.0

176 86.5 0.0 172.2





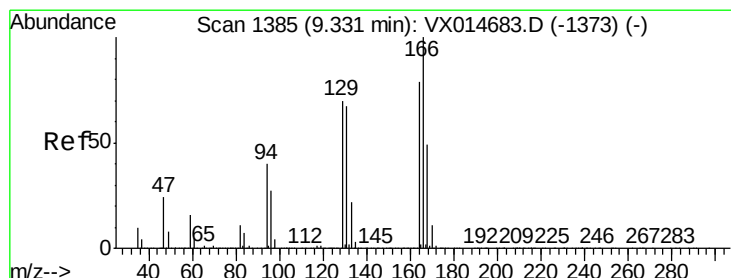
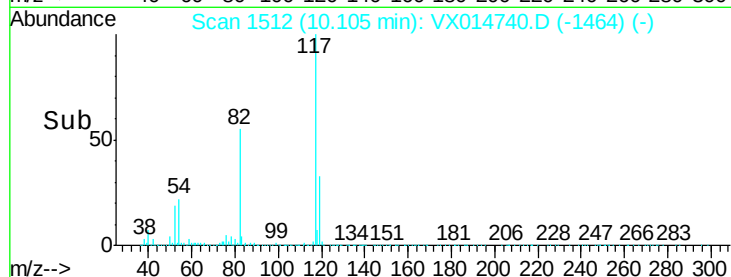
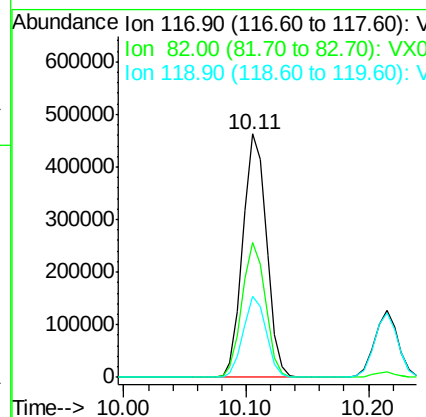
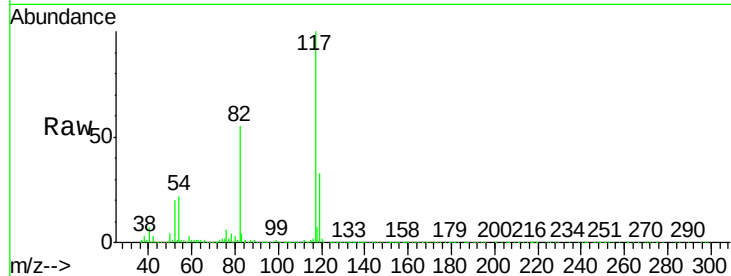
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.3	43.2	64.8
119	33.3	25.8	38.6

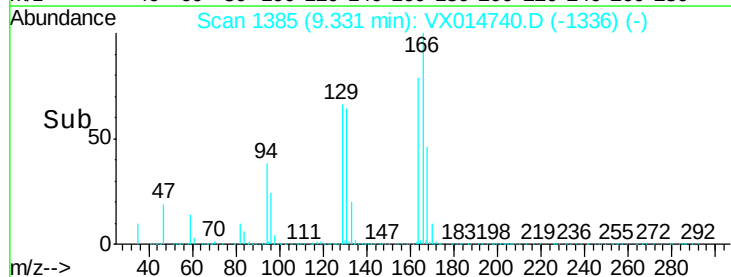
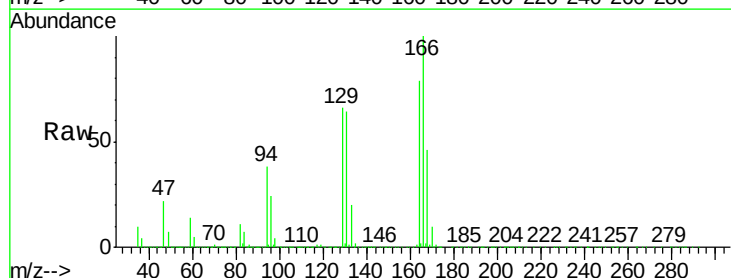
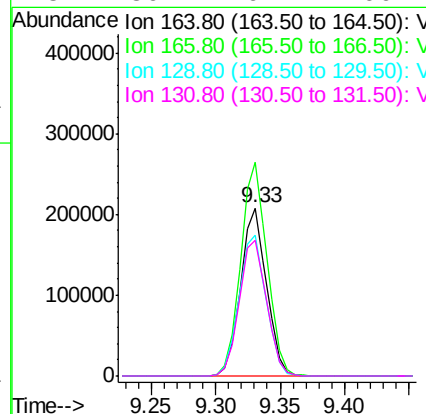
Manual Integrations
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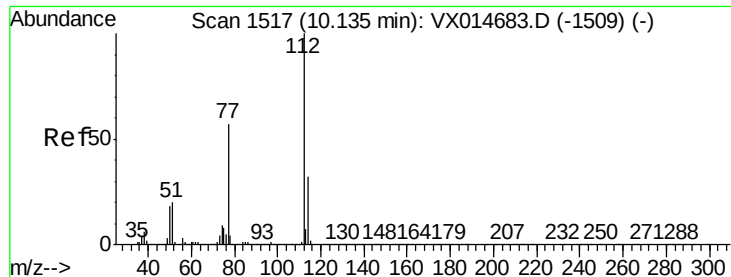
MMDadoda
1/29/2020 10:55:45 AM



#64
Tetrachloroethene
Concen: 47.338 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.1	100.9	151.3
129	83.5	71.0	106.6
131	80.7	67.1	100.7





#65

Chlorobenzene

Concen: 50.092 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 663023

Ion Ratio Lower Upper

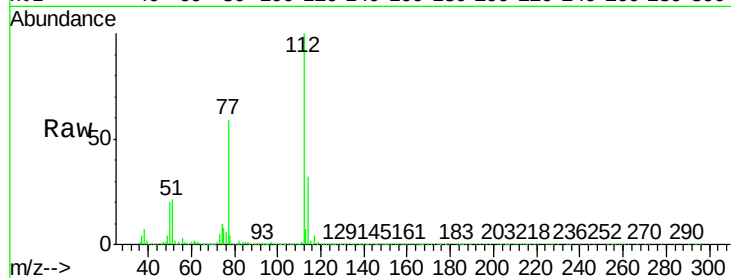
112 100

114 32.3 25.8 38.8

Manual Integrations
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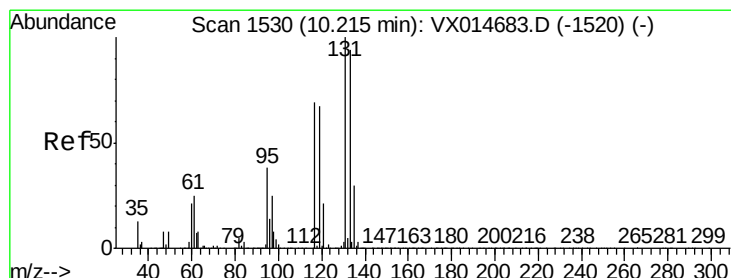
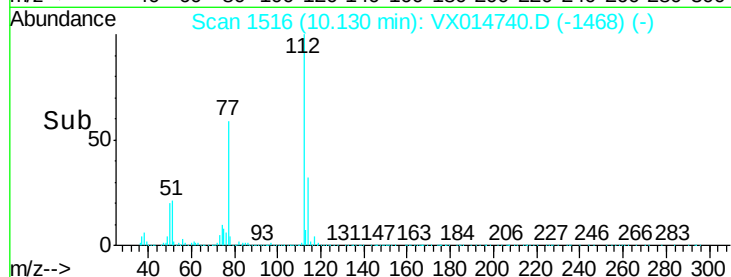
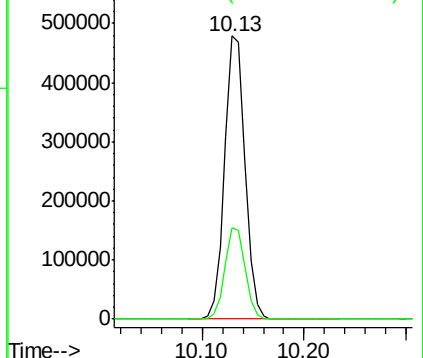
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.505 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

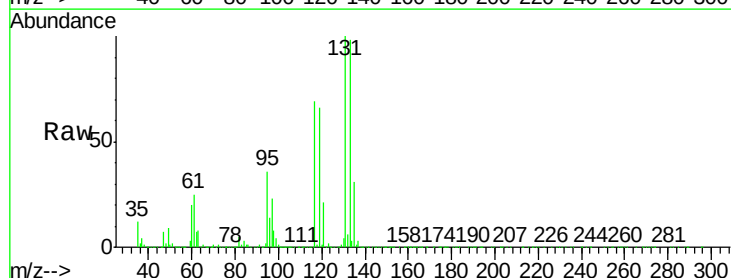
Tgt Ion:131 Resp: 246476

Ion Ratio Lower Upper

131 100

133 95.2 47.4 142.3

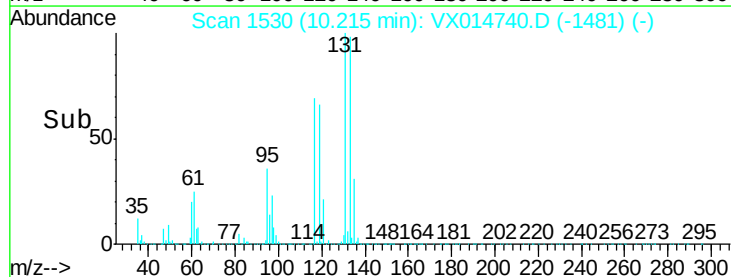
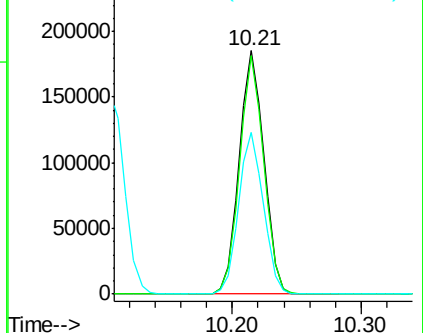
119 66.0 33.3 99.8

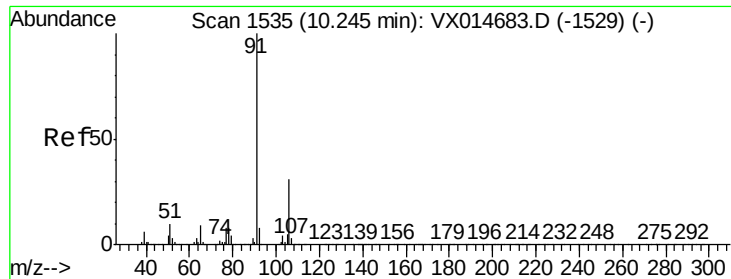


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





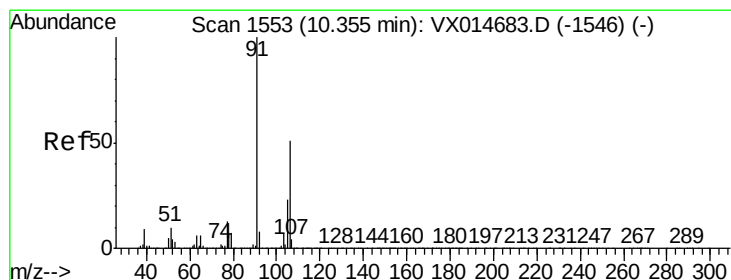
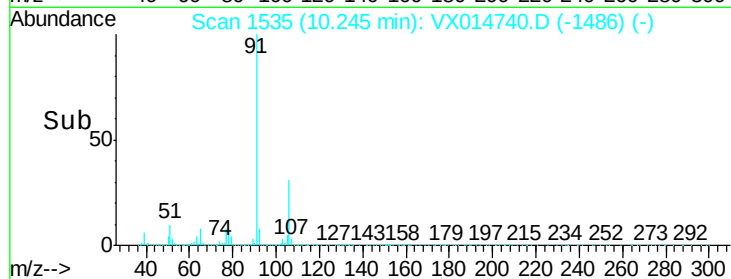
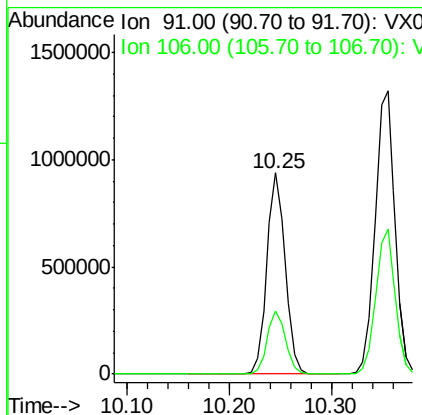
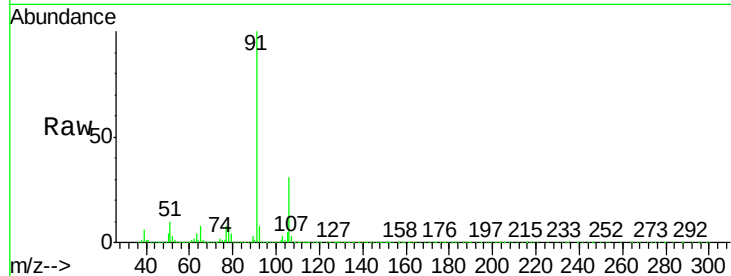
#67
Ethyl Benzene
Concen: 51.929 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1173633
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

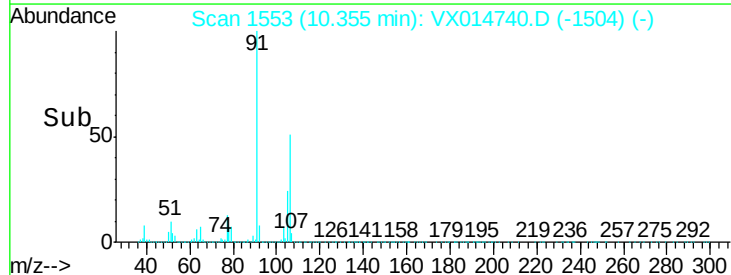
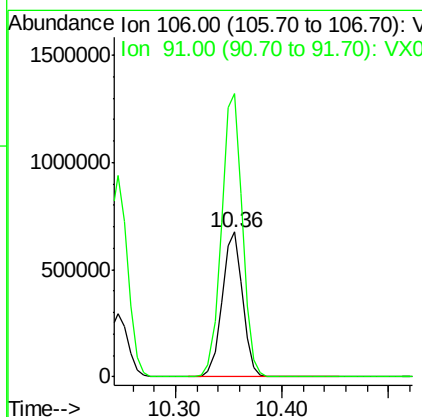
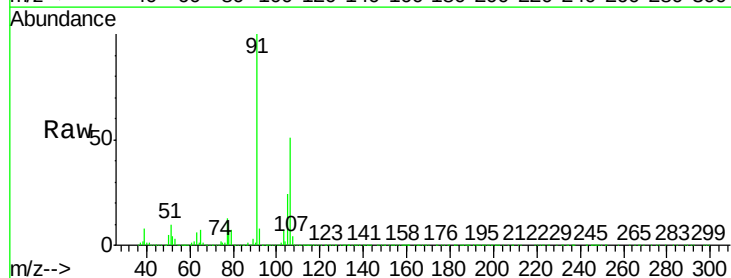
Manual Integrations
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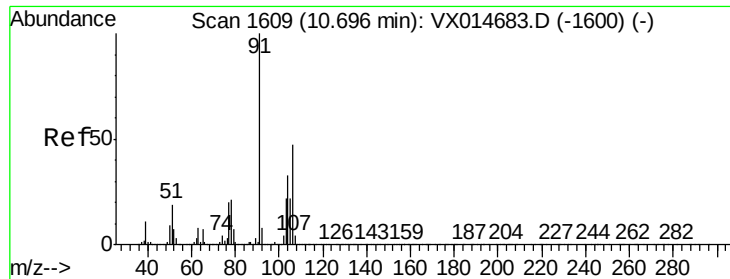
MMDadoda
1/29/2020 10:55:45 AM



#68
m/p-Xylenes
Concen: 104.947 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 106 Resp: 898570
Ion Ratio Lower Upper
106 100
91 200.2 159.4 239.2





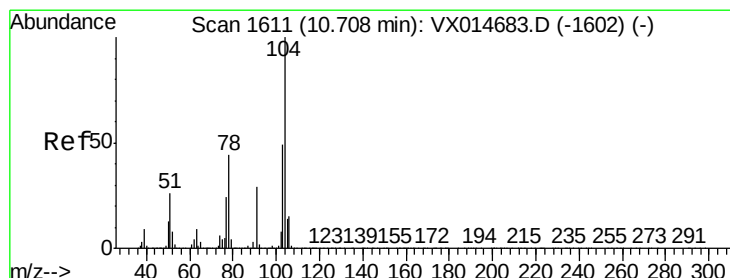
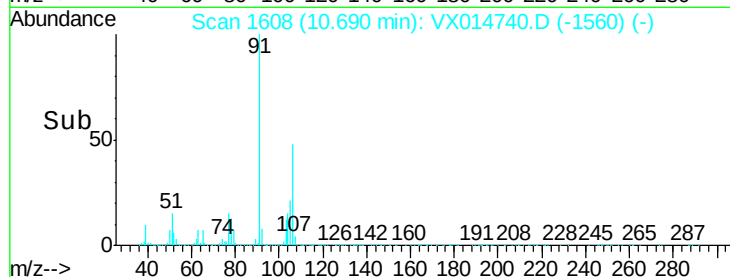
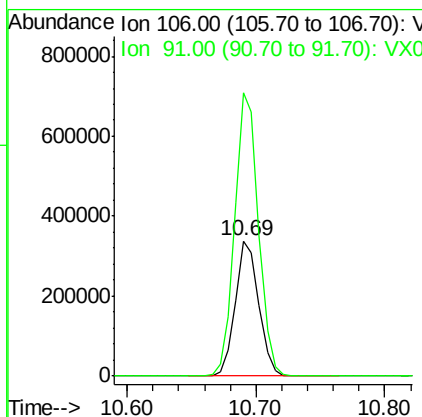
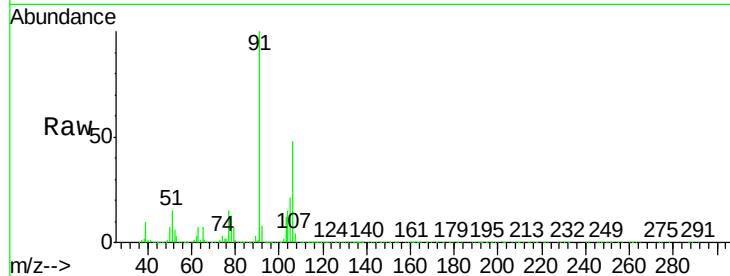
#69
o-Xylene
Concen: 51.822 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.8	106.2	318.6

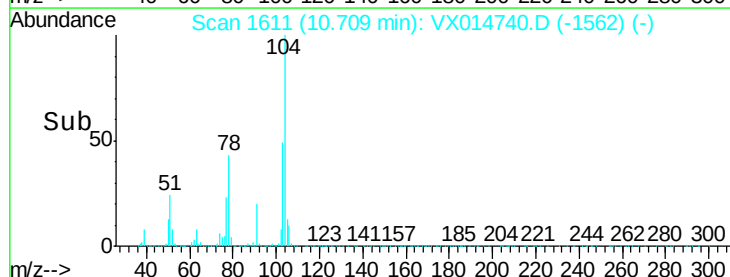
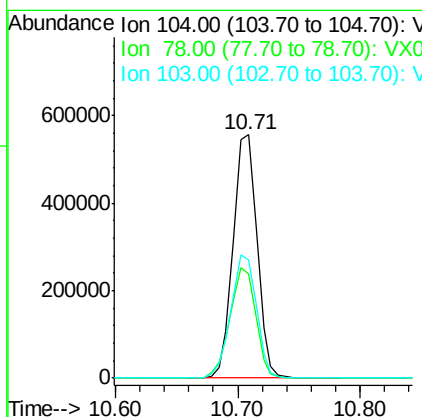
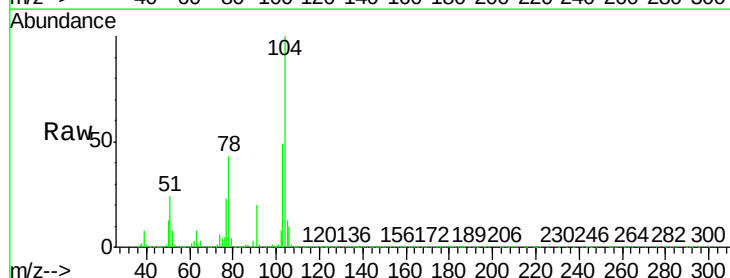
Manual Integrations
APPROVED

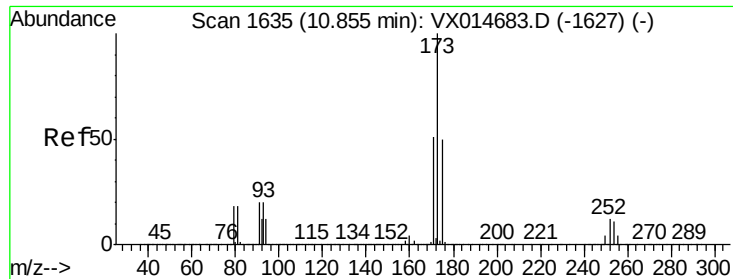
MMDadoda
1/29/2020 10:55:45 AM



#70
Styrene
Concen: 54.075 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	54.3	43.5	65.3





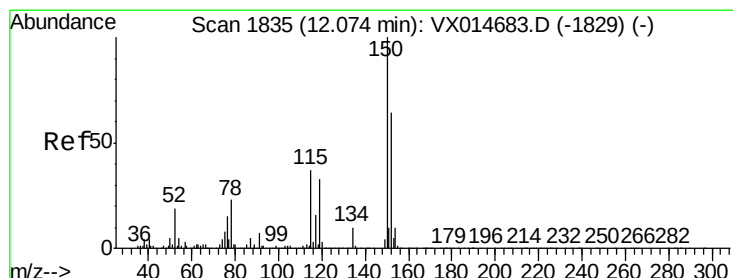
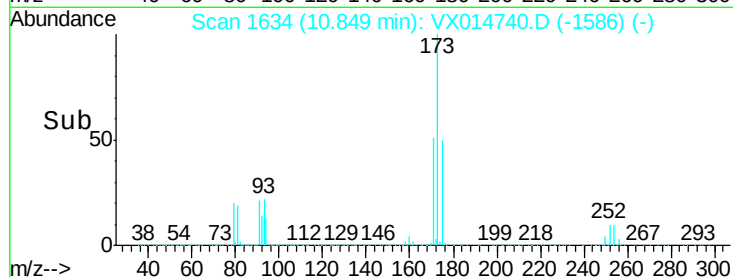
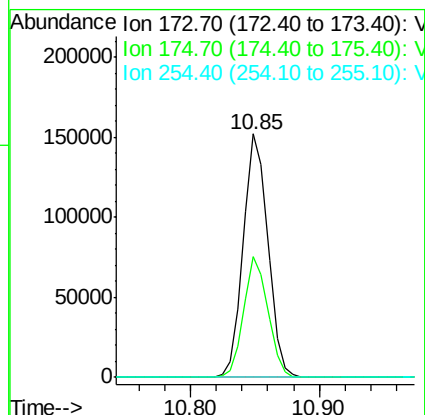
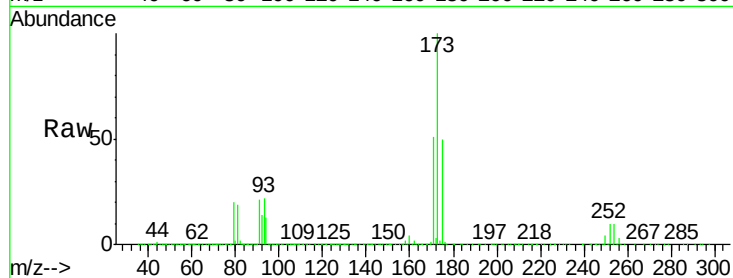
#71
Bromoform
Concen: 51.827 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.2	0.1	0.1#

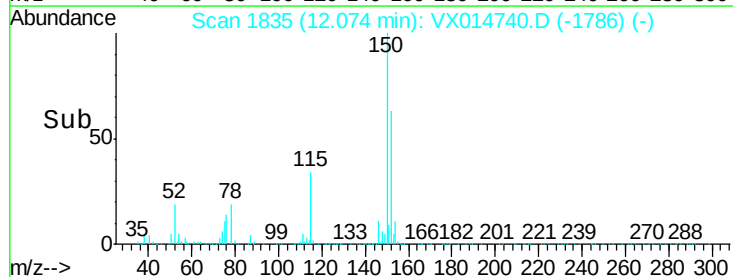
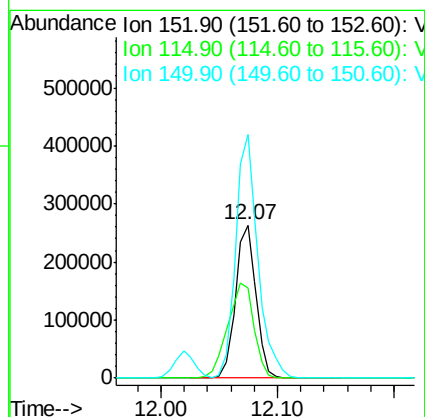
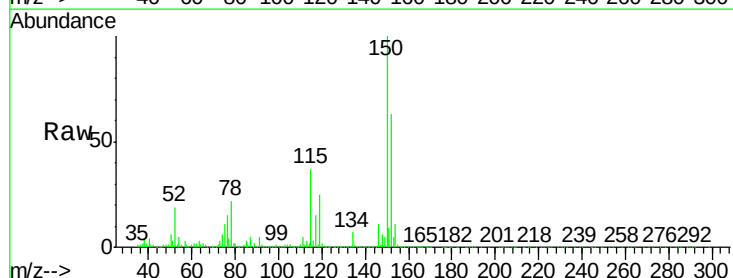
Manual Integrations
APPROVED

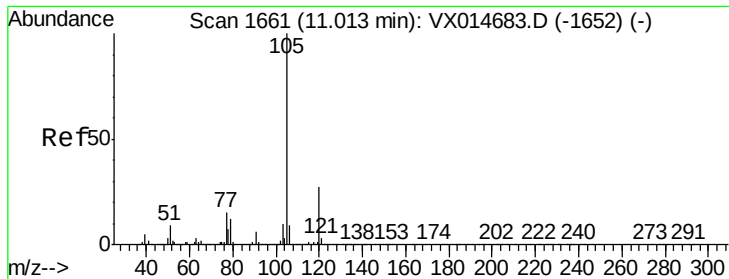
MMDadoda
1/29/2020 10:55:45 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.0	39.4	118.1
150	173.3	0.0	351.2





#73

Isopropylbenzene

Concen: 51.184 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1158674

Ion Ratio Lower Upper

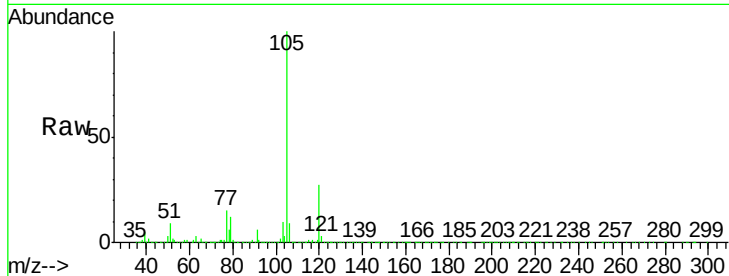
105 100

120 26.9 13.5 40.5

Manual Integrations
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MMDadoda

1/29/2020 10:55:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

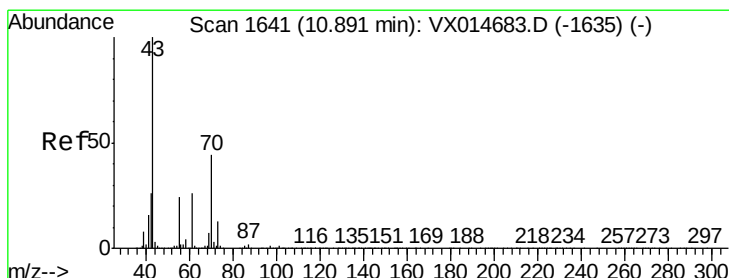
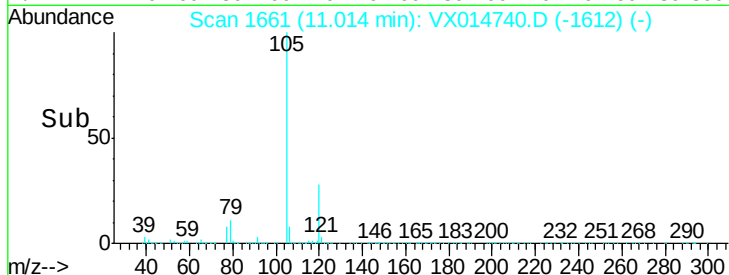
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.727 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion: 43 Resp: 493298

Ion Ratio Lower Upper

43 100

70 43.2 34.6 52.0

55 24.7 19.4 29.2

61 24.3 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

10.89

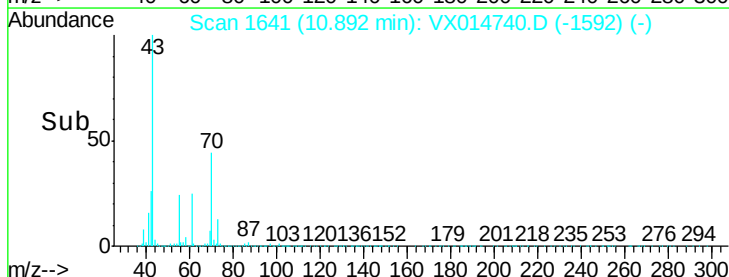
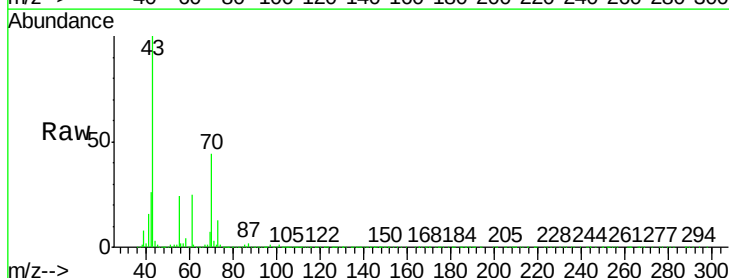
600000

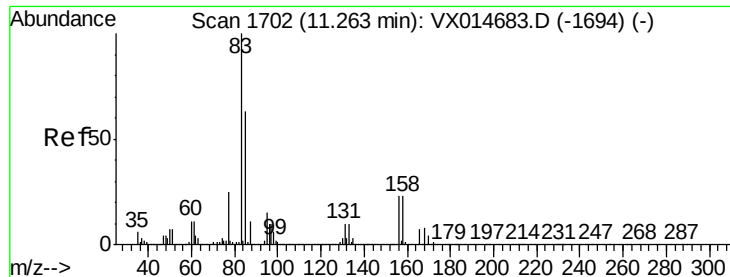
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.550 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

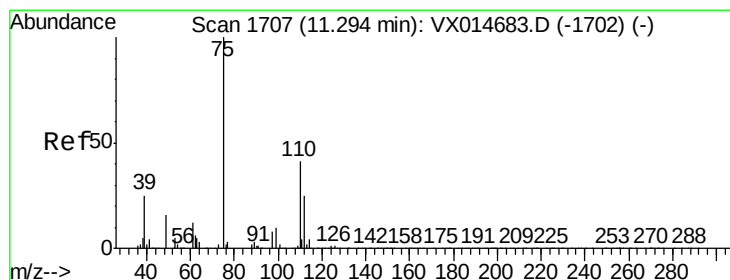
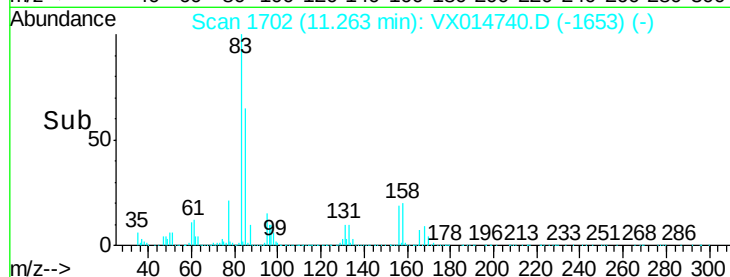
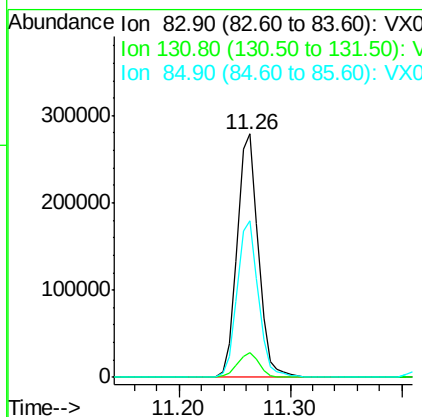
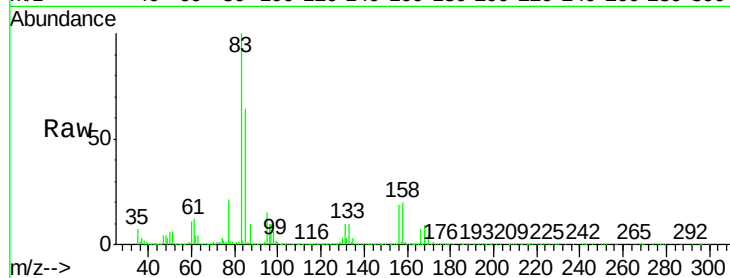
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	368166
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.5	31.7	95.1

Manual Integrations
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1/29/2020 10:55:45 AM



#76

1,2,3-Trichloropropane

Concen: 41.895 ug/l m

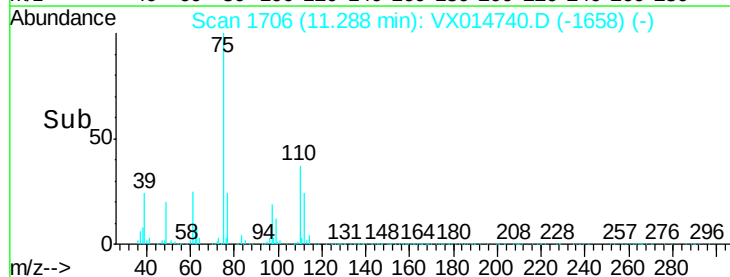
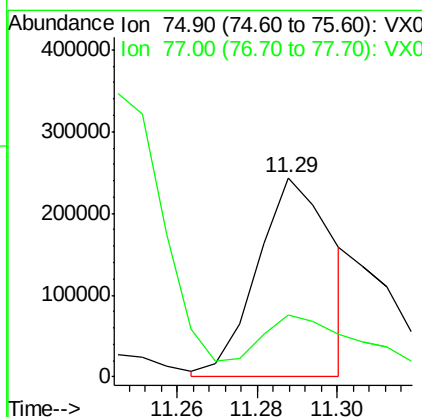
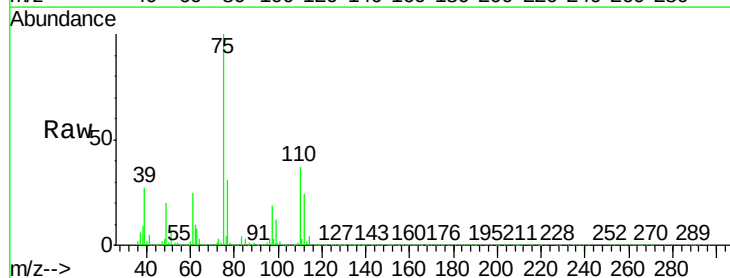
RT: 11.29 min Scan# 1706

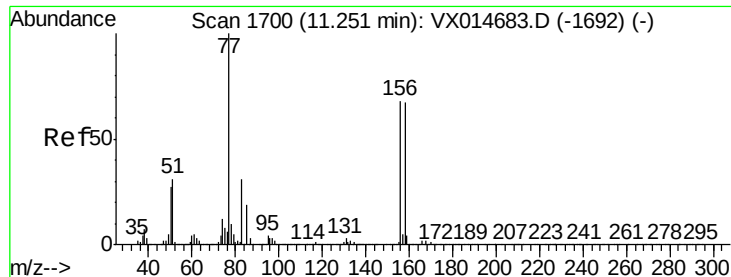
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	75	Resp:	313810
Ion Ratio	Lower	Upper	
75	100		
77	43.6	18.7	56.1





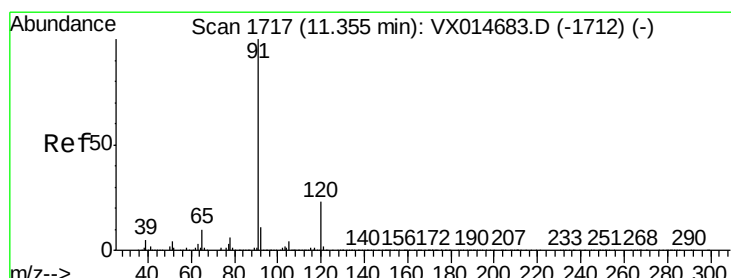
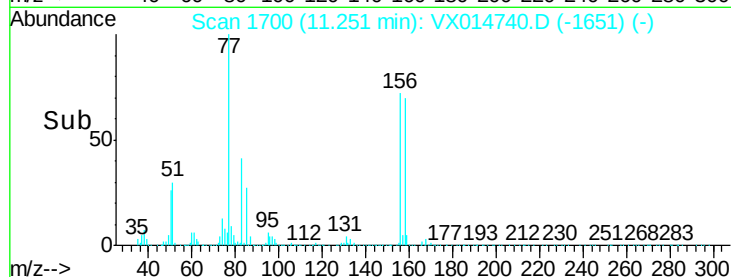
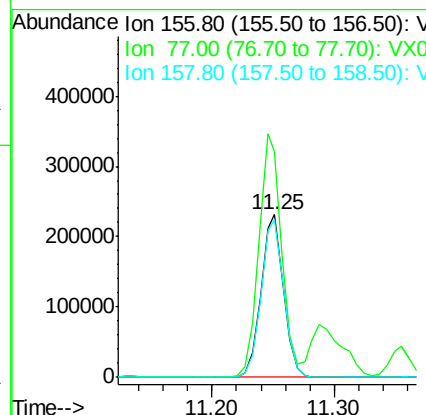
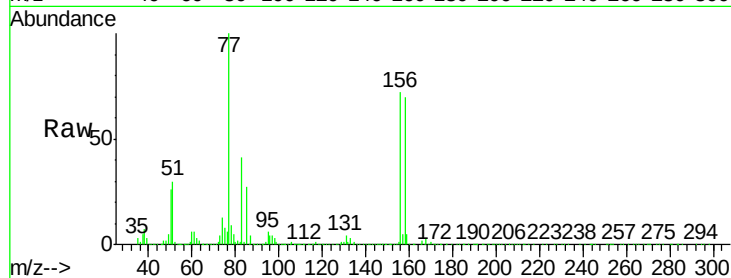
#77
Bromobenzene
Concen: 48.880 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.3	77.5	232.5
158	98.0	49.1	147.3

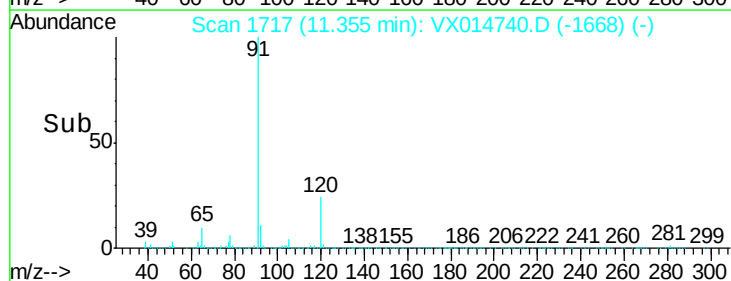
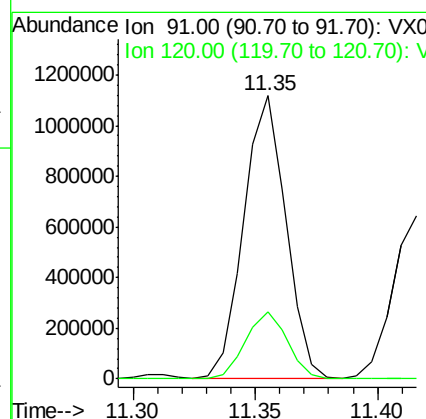
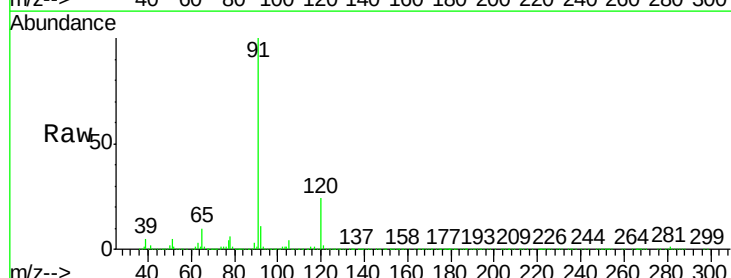
Manual Integrations
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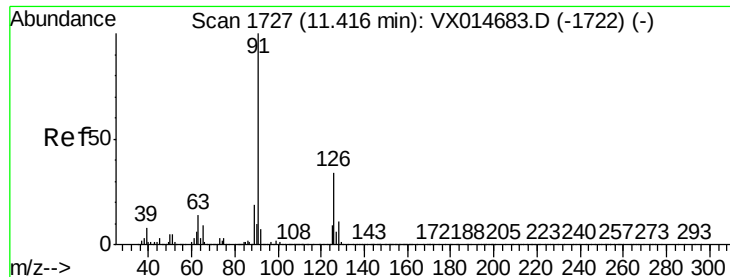
MMDadoda
1/29/2020 10:55:45 AM



#78
n-propylbenzene
Concen: 52.046 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.0





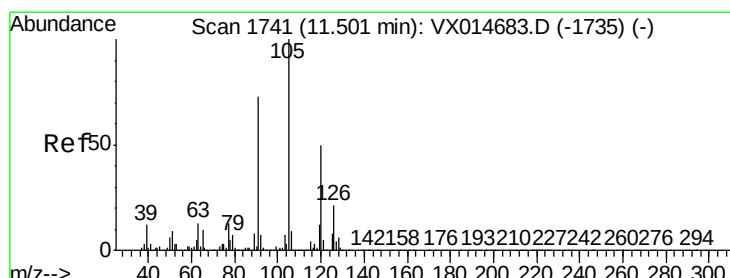
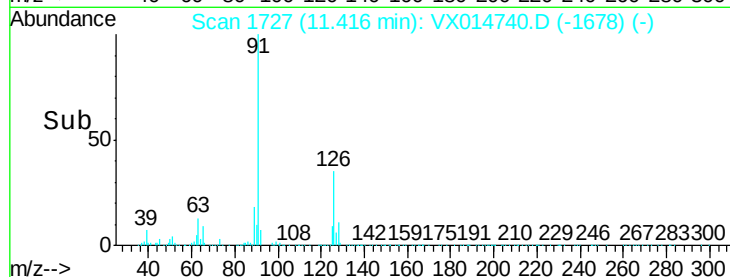
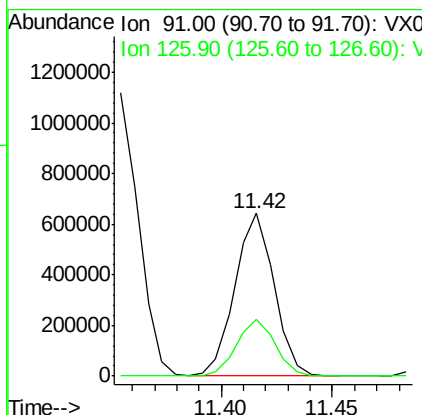
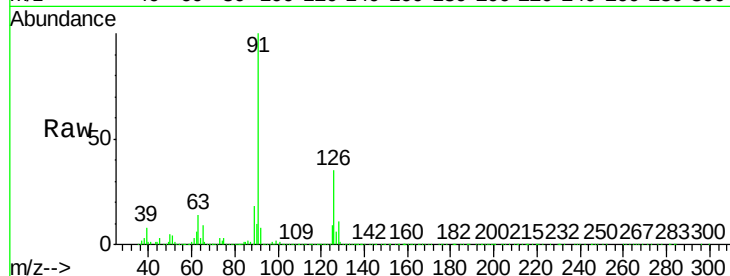
#79
2-Chlorotoluene
Concen: 50.659 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 787617
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9

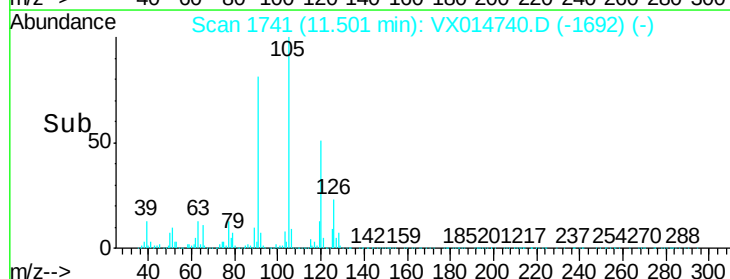
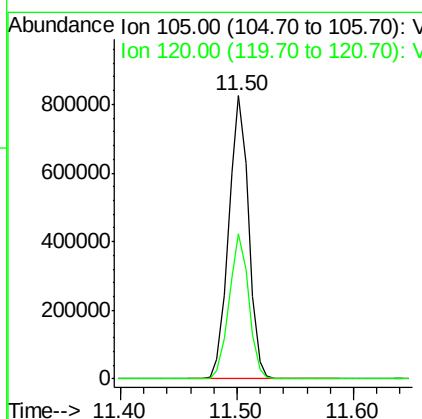
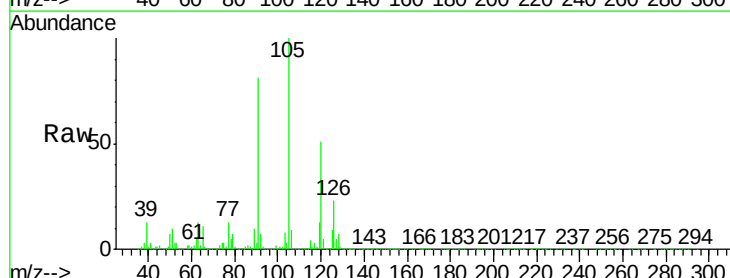
Manual Integrations
APPROVED

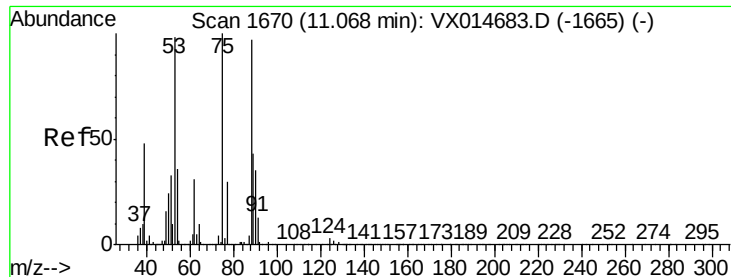
MMDadoda
1/29/2020 10:55:45 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.802 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 105 Resp: 973285
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





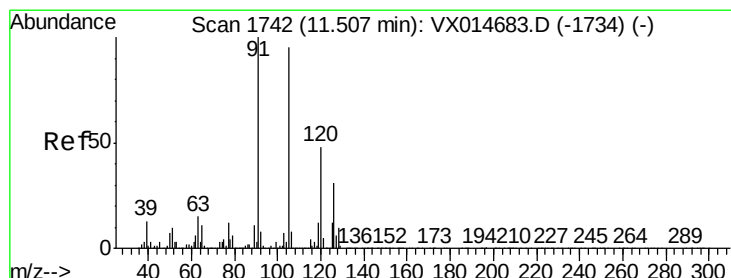
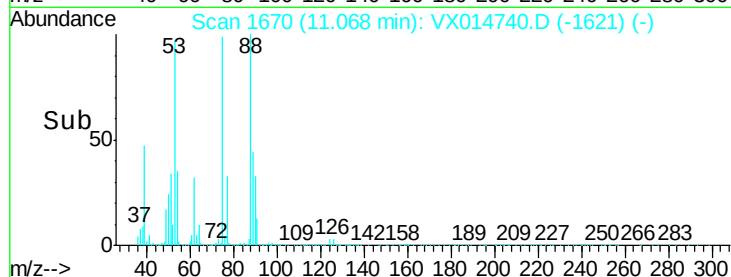
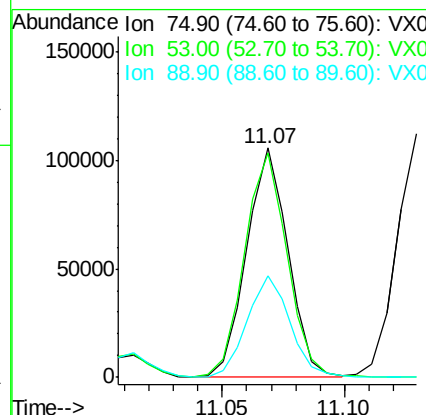
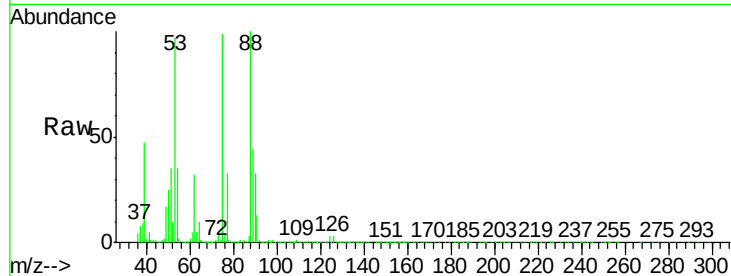
#81
trans-1,4-Dichloro-2-butene
Concen: 47.235 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	78.8	118.2
89	46.0	35.4	53.0

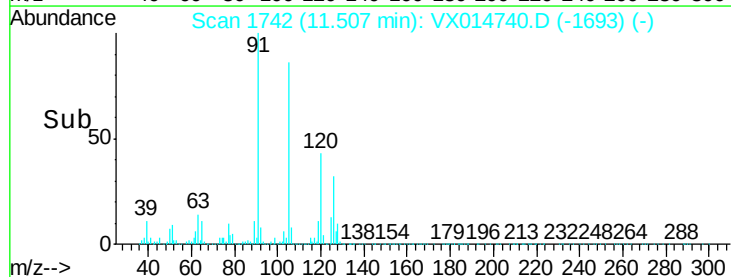
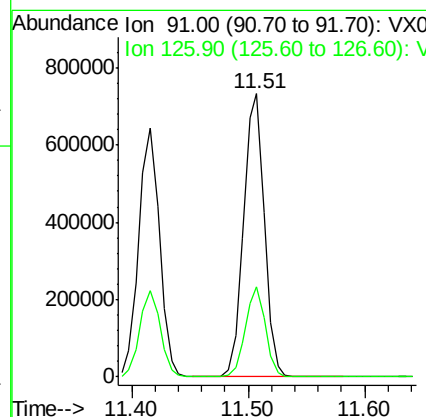
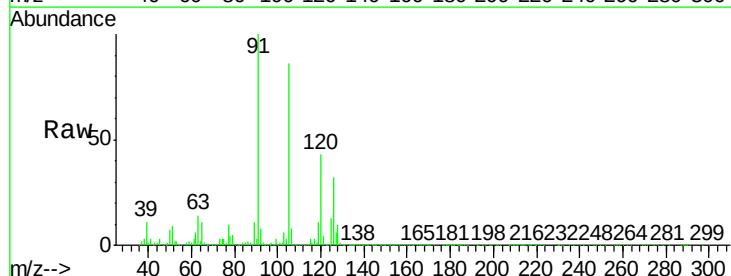
Manual Integrations
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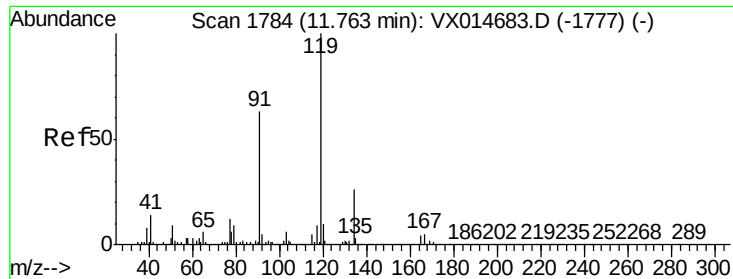
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#82
4-Chlorotoluene
Concen: 51.571 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





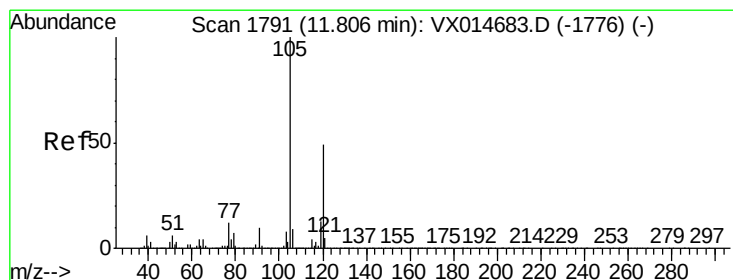
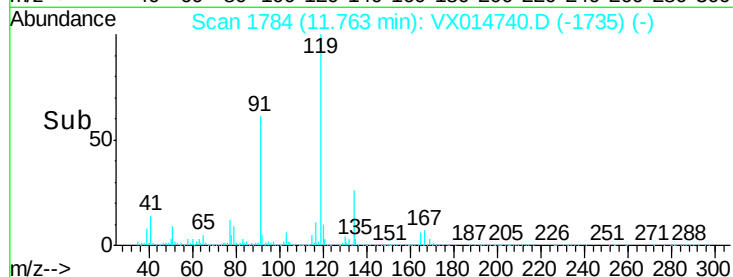
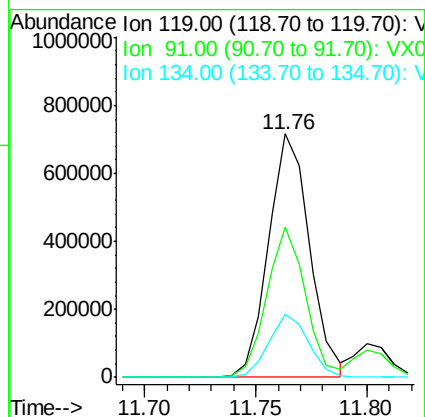
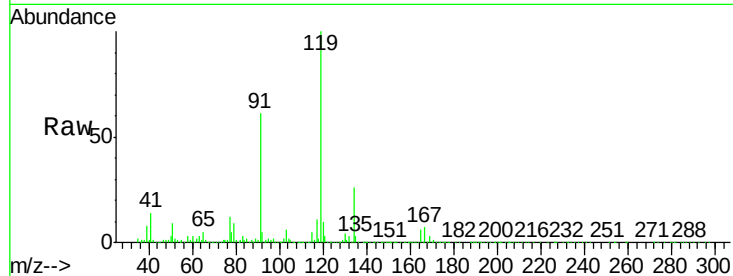
#83
 tert-Butylbenzene
 Concen: 51.694 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	912653		
91	58.2	30.0	90.0	
134	25.0	12.7	38.0	

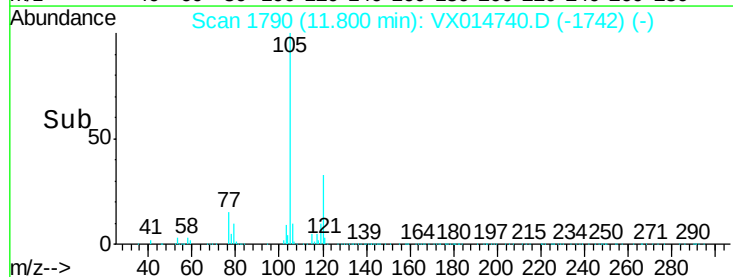
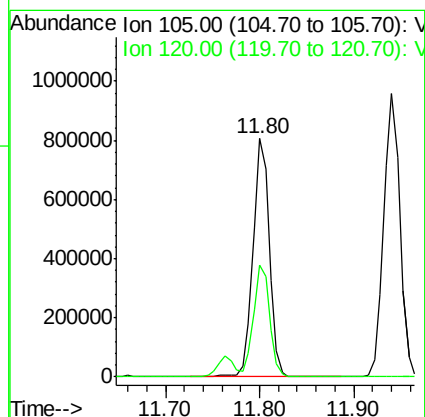
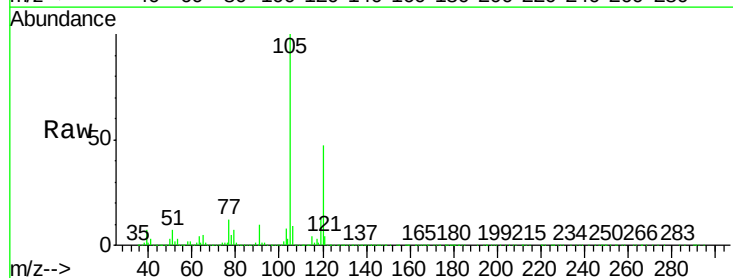
Manual Integrations
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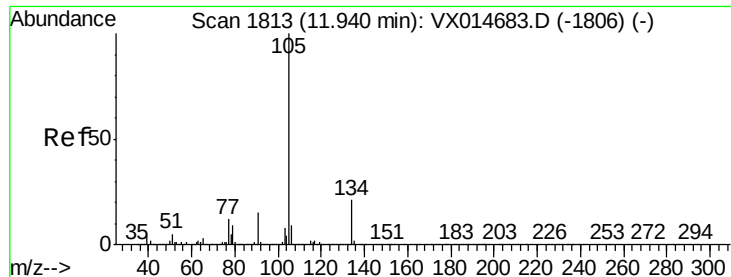
MMDadoda
 1/29/2020 10:55:45 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.088 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	981618		
120	45.9	23.4	70.0	





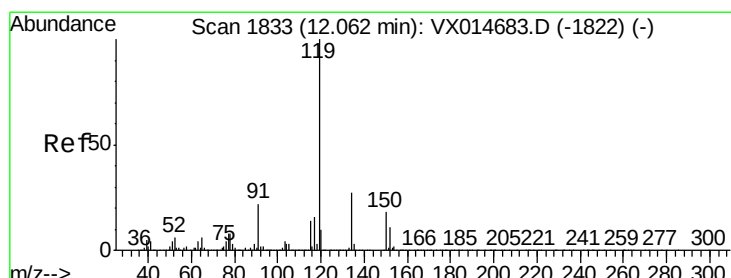
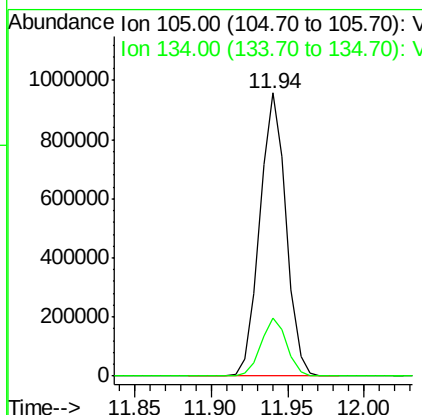
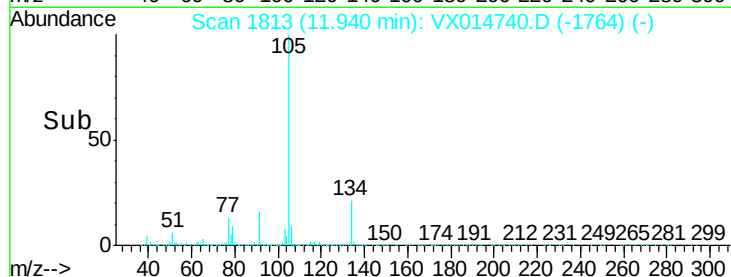
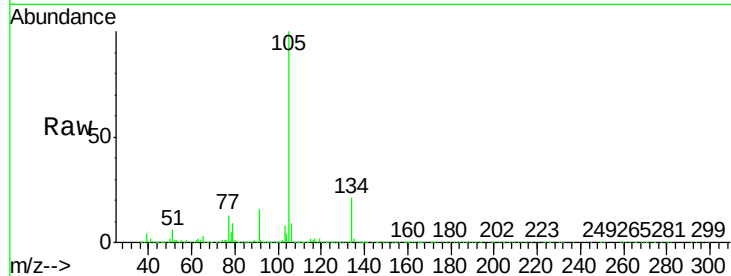
#85
 sec-Butylbenzene
 Concen: 52.830 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:105 Resp: 1142625
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

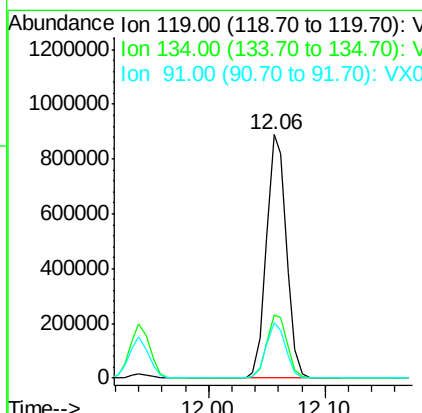
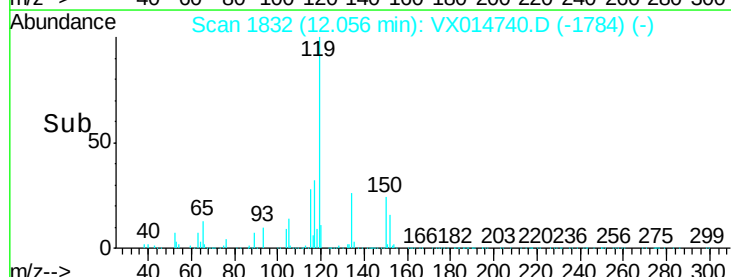
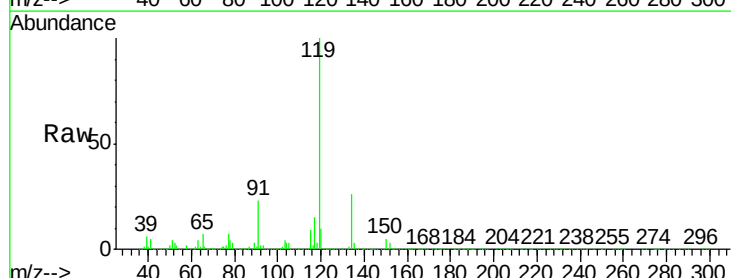
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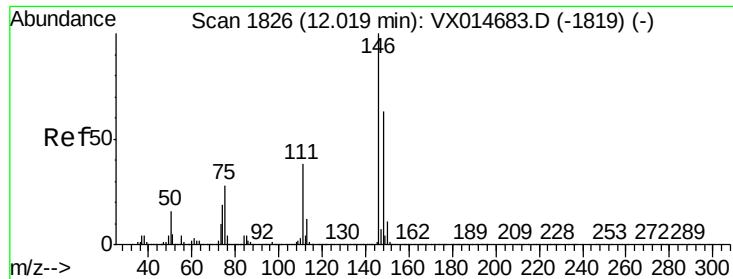
MMDadoda
 1/29/2020 10:55:45 AM



#86
 p-Isopropyltoluene
 Concen: 53.271 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion:119 Resp: 1064780
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.273 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

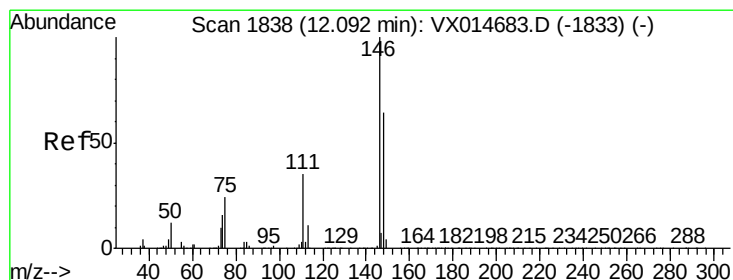
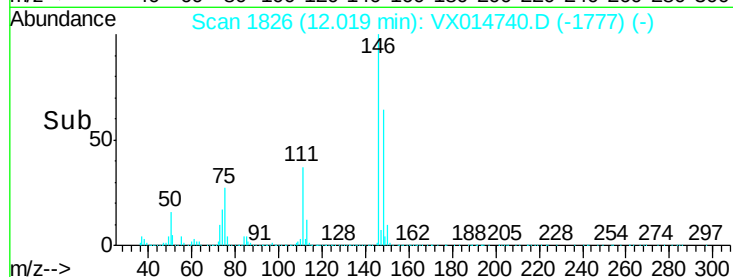
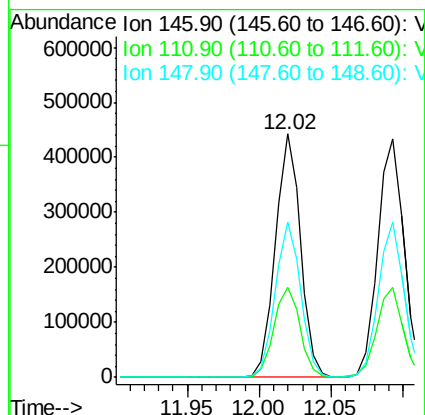
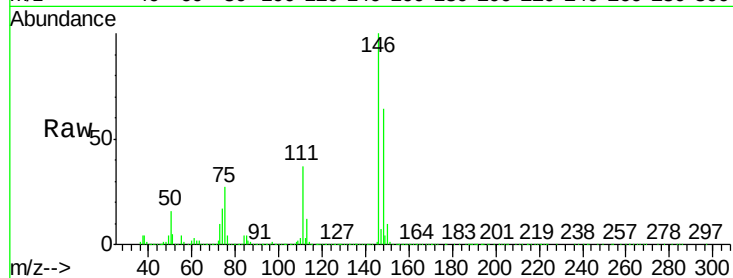
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.6	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.888 ug/l

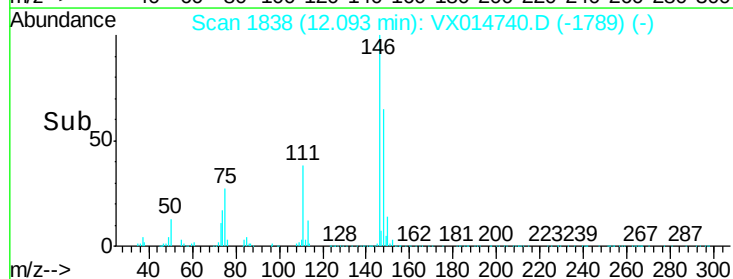
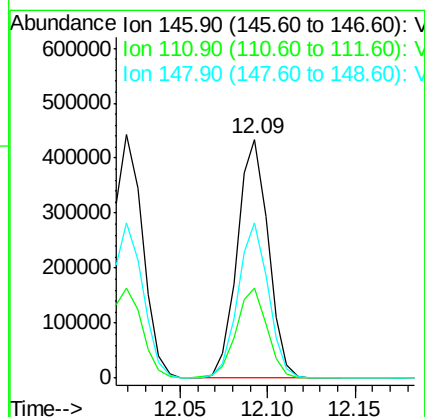
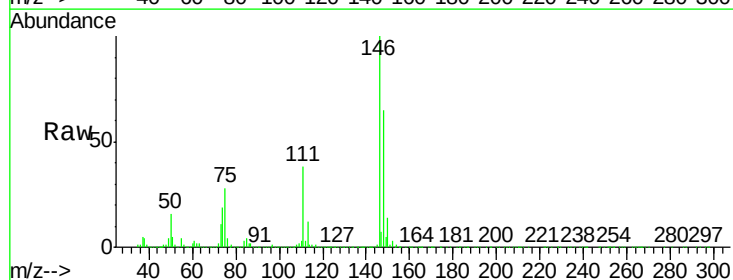
RT: 12.09 min Scan# 1838

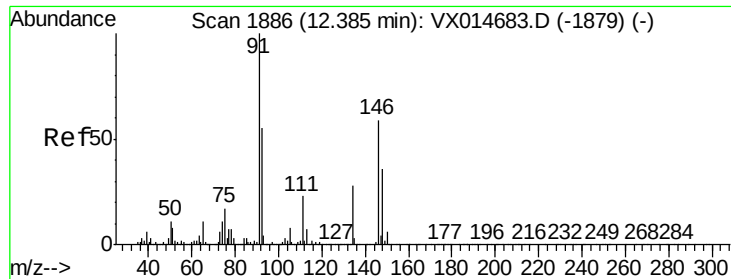
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.7	32.0	96.2





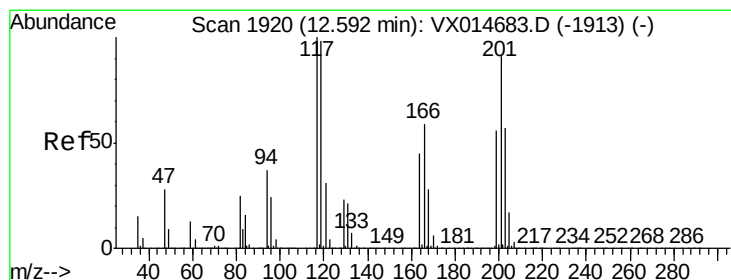
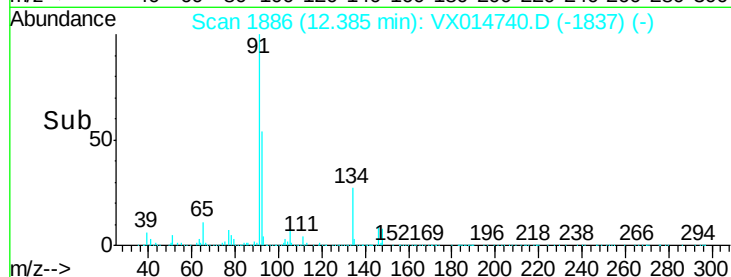
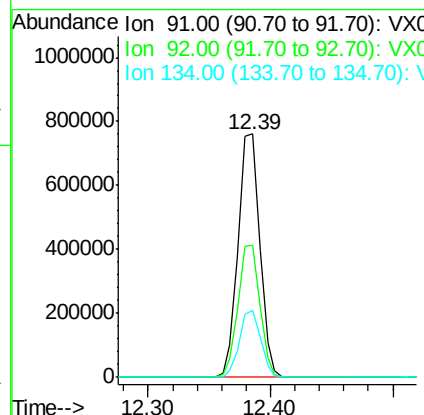
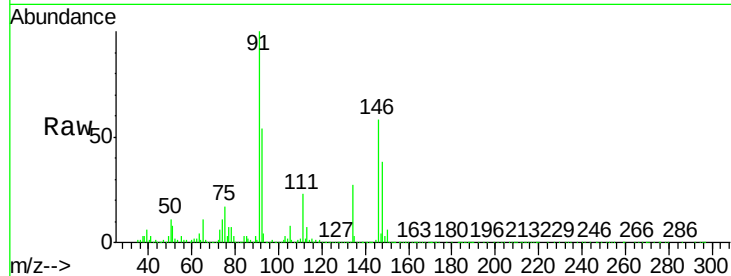
#89
n-Butylbenzene
Concen: 53.352 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	26.7	13.3	39.8

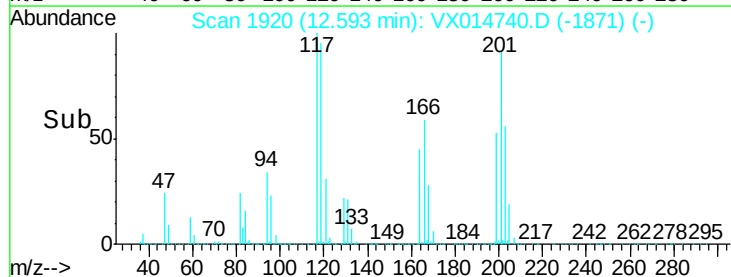
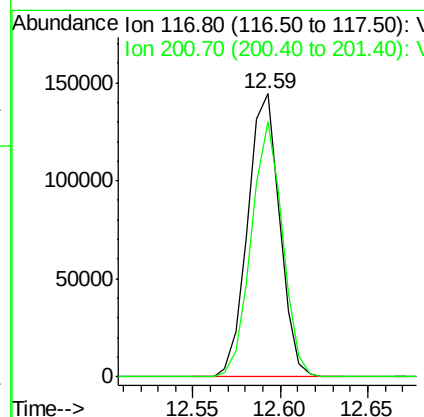
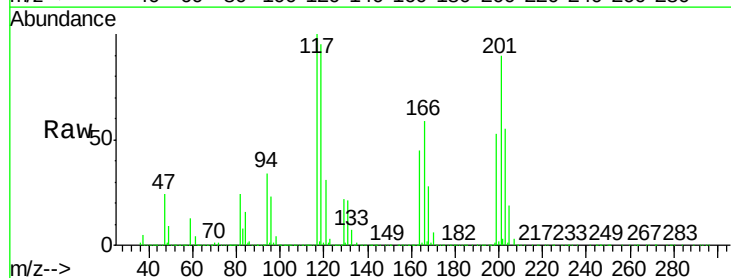
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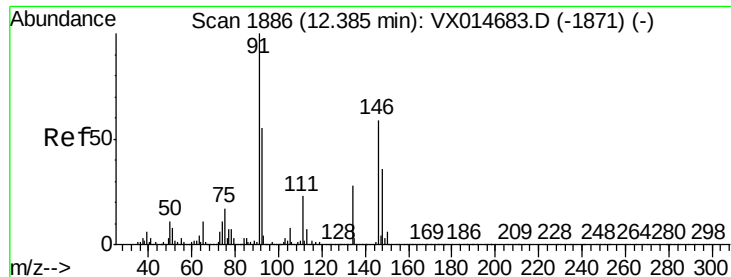
MMDadoda
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#90
Hexachloroethane
Concen: 49.649 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.4	133.1





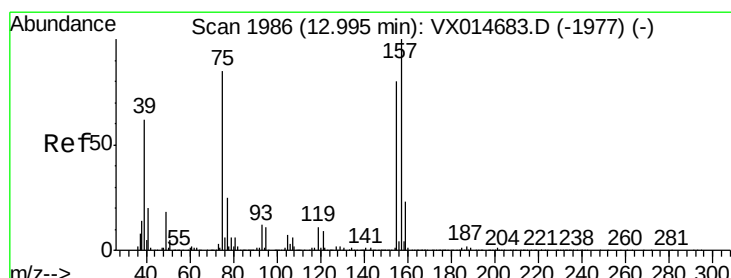
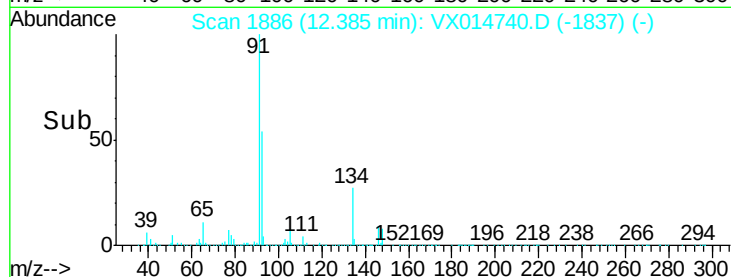
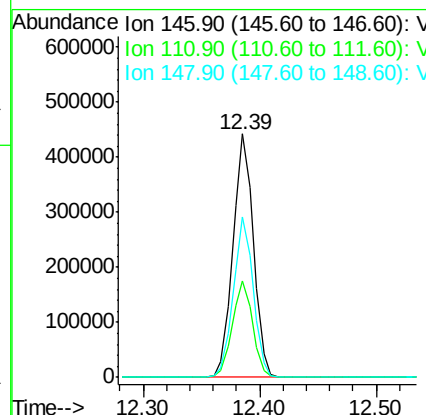
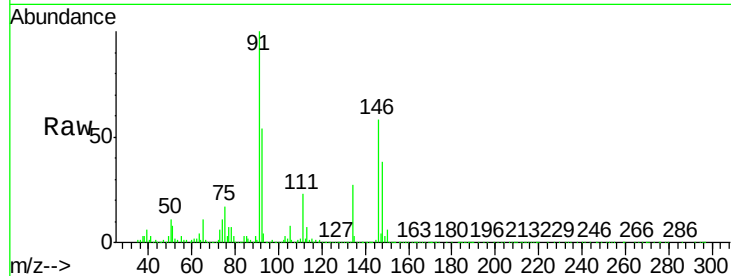
#91
 1,2-Dichlorobenzene
 Concen: 49.598 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.3	31.9	95.9

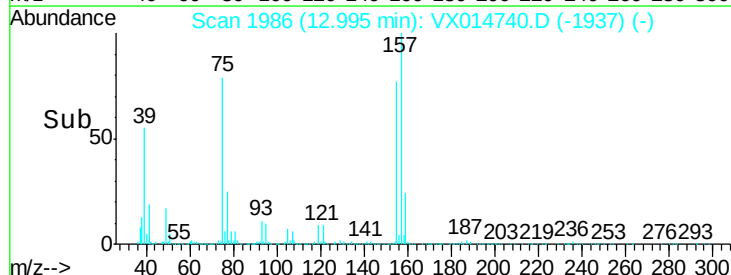
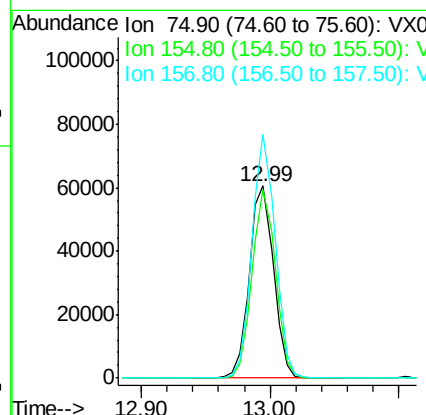
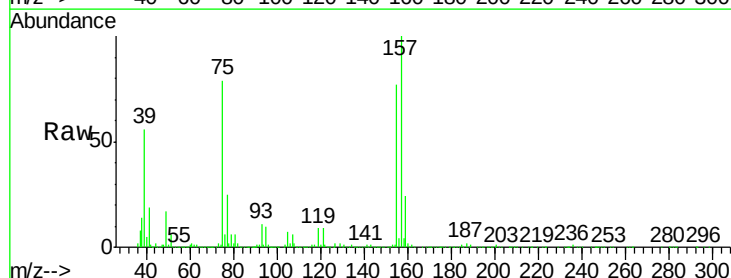
Manual Integrations
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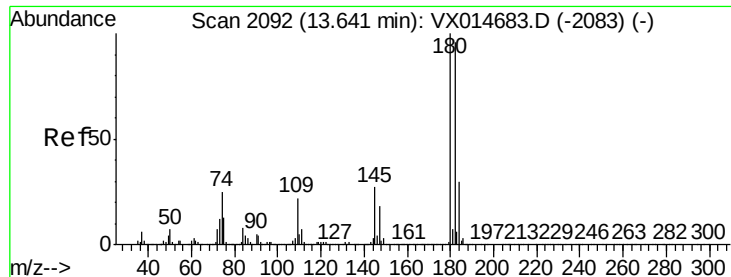
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.554 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	45.6	136.9
157	122.2	60.3	180.9





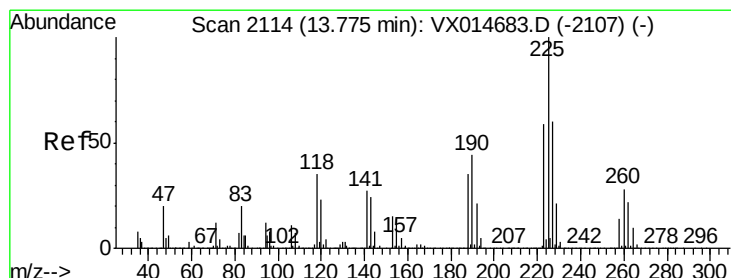
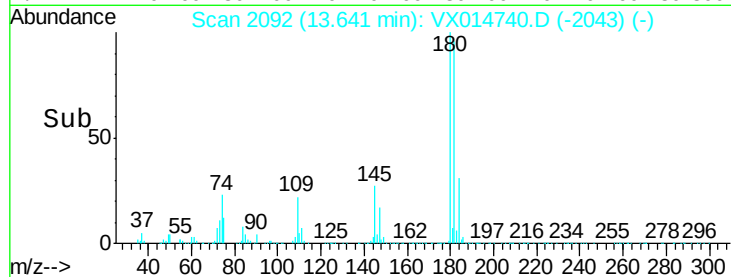
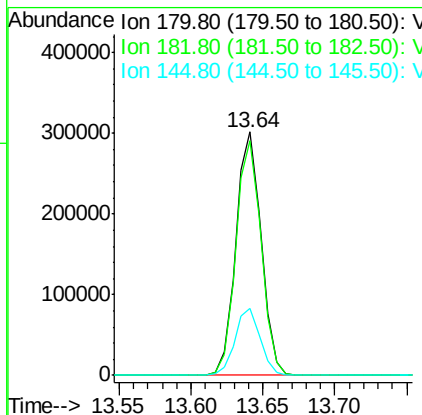
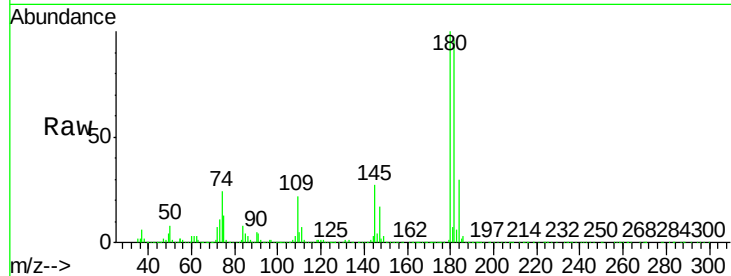
#93
1,2,4-Trichlorobenzene
Concen: 52.784 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	369412		
182	96.6	48.5	145.6	
145	27.6	14.0	41.9	

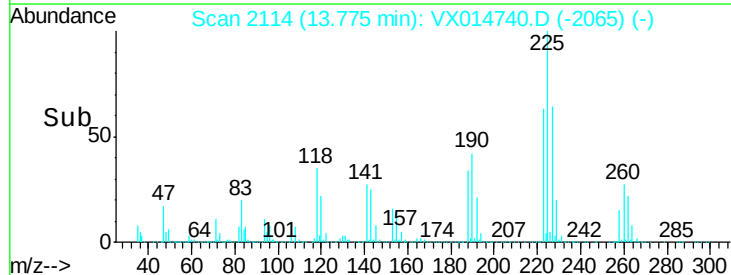
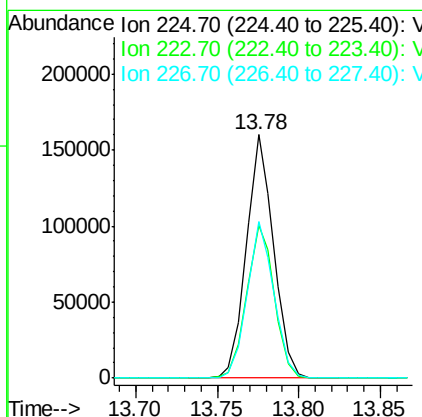
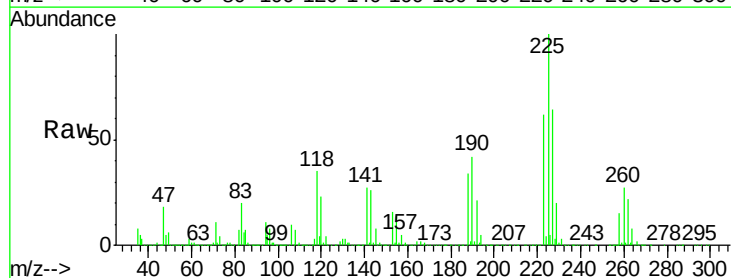
Manual Integrations
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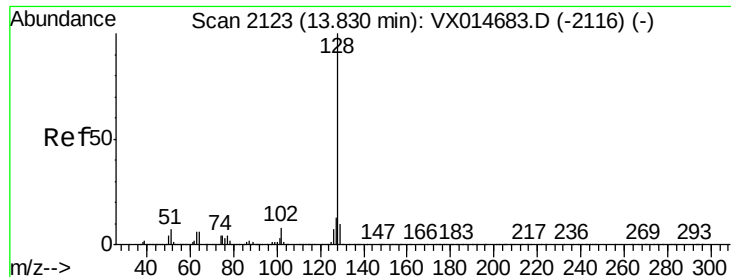
MMDadoda
1/29/2020 10:55:45 AM



#94
Hexachlorobutadiene
Concen: 51.663 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186093		
223	63.6	30.6	91.8	
227	63.4	31.4	94.0	





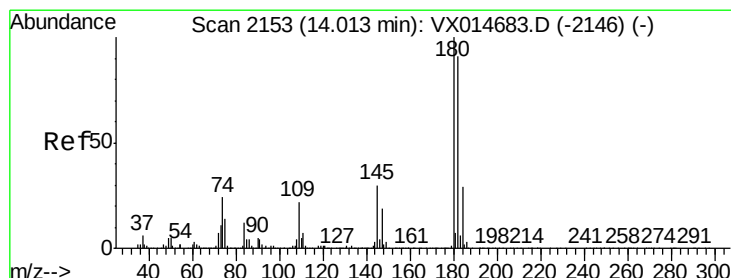
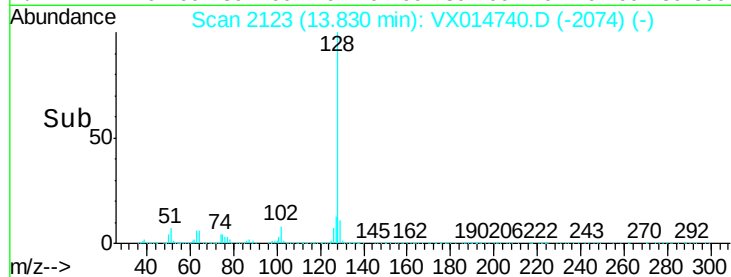
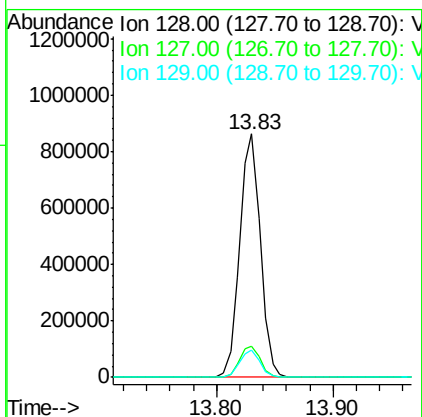
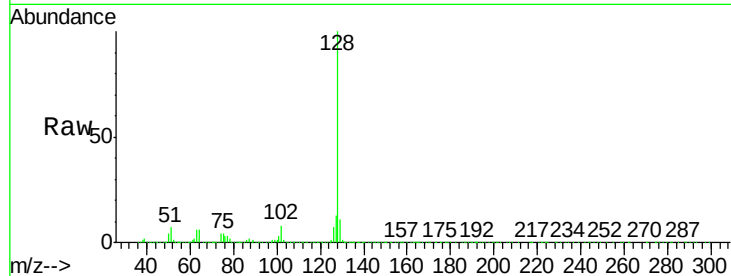
#95
Naphthalene
Concen: 47.311 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.431 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.6	139.7
145	30.1	14.7	44.1

