

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014683.D
 Acq On : 22 Jan 2020 11:27
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 1/24/2020 1:39:06 PM

Quant Time: Jan 22 12:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	589597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	246610	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
35) Dibromofluoromethane	5.49	113	203936	51.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.60%	
50) Toluene-d8	8.71	98	788256	51.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	277096	49.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	297093	61.504	ug/l	100
3) Chloromethane	1.32	50	300289	54.406	ug/l	100
4) Vinyl Chloride	1.40	62	342868	55.928	ug/l	100
5) Bromomethane	1.63	94	211296	51.278	ug/l	100
6) Chloroethane	1.72	64	191943	52.631	ug/l	100
7) Trichlorofluoromethane	1.92	101	365758	52.645	ug/l	100
8) Diethyl Ether	2.18	74	156966	49.633	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215133	50.978	ug/l	100
10) Methyl Iodide	2.50	142	311410	60.670	ug/l	100
11) Tert butyl alcohol	3.03	59	245994	248.772	ug/l	100
12) 1,1-Dichloroethene	2.37	96	214005	50.486	ug/l	100
13) Acrolein	2.28	56	216744	267.606	ug/l	100
14) Allyl chloride	2.72	41	398089	53.078	ug/l	100
15) Acrylonitrile	3.13	53	646867	265.638	ug/l	100
16) Acetone	2.43	43	684570	260.470	ug/l	100
17) Carbon Disulfide	2.56	76	597259	50.346	ug/l	100
18) Methyl Acetate	2.76	43	392579	56.383	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	713015	52.289	ug/l	100
20) Methylene Chloride	2.85	84	245337	50.648	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	231640	49.919	ug/l	100
22) Diisopropyl ether	3.84	45	800254	54.981	ug/l	100
23) Vinyl Acetate	3.80	43	2970311	265.289	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424189	53.805	ug/l	100
25) 2-Butanone	4.65	43	974129	269.617	ug/l	100
26) 2,2-Dichloropropane	4.58	77	338473	51.103	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	262902	50.695	ug/l	100
28) Bromochloromethane	5.00	49	171762	51.565	ug/l	100
29) Tetrahydrofuran	5.11	42	587744	275.562	ug/l	100
30) Chloroform	5.20	83	413998	53.686	ug/l	100
31) Cyclohexane	5.57	56	404138	54.785	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	346397	52.787	ug/l	100
36) 1,1-Dichloropropene	5.79	75	318461	51.626	ug/l	100
37) Ethyl Acetate	4.82	43	350649	52.328	ug/l	100
38) Carbon Tetrachloride	5.78	117	299216	52.849	ug/l	100

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Quant Time: Jan 22 12:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401793	52.052	ug/l	100
40) Benzene	6.14	78	966604	52.686	ug/l	100
41) Methacrylonitrile	5.03	41	199009	55.290	ug/l	100
42) 1,2-Dichloroethane	6.18	62	330841	51.527	ug/l	100
43) Isopropyl Acetate	6.43	43	578541	53.419	ug/l	100
44) Trichloroethene	7.21	130	267374	50.962	ug/l	100
45) 1,2-Dichloropropane	7.51	63	249190	53.241	ug/l	100
46) Dibromomethane	7.65	93	162171	49.807	ug/l	100
47) Bromodichloromethane	7.89	83	320611	53.960	ug/l	100
48) Methyl methacrylate	7.76	41	290638	55.825	ug/l	100
49) 1,4-Dioxane	7.73	88	107468	990.015	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1814166	273.952	ug/l	100
52) Toluene	8.78	92	604621	51.702	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	354232	51.596	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	395715	53.255	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	244986	52.003	ug/l	100
56) Ethyl methacrylate	9.17	69	386988	53.876	ug/l	100
57) 1,3-Dichloropropane	9.37	76	412447	52.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	652861	266.776	ug/l	100
59) 2-Hexanone	9.48	43	1432211	273.685	ug/l	100
60) Dibromochloromethane	9.58	129	257100	54.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	254613	51.097	ug/l	100
64) Tetrachloroethene	9.33	164	310147	52.147	ug/l	100
65) Chlorobenzene	10.14	112	643451	50.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	236012	51.424	ug/l	100
67) Ethyl Benzene	10.25	91	1143572	52.075	ug/l	100
68) m/p-Xylenes	10.35	106	878456	103.742	ug/l	100
69) o-Xylene	10.70	106	418019	51.781	ug/l	100
70) Styrene	10.71	104	728610	52.286	ug/l	100
71) Bromoform	10.85	173	193951	51.944	ug/l	# 100
73) Isopropylbenzene	11.01	105	1116164	52.594	ug/l	100
74) N-amyl acetate	10.89	43	495566	53.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	360167	52.605	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	356924m	55.403	ug/l	
77) Bromobenzene	11.25	156	287050	48.955	ug/l	100
78) n-propylbenzene	11.35	91	1282887	52.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	751280	51.777	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	943363	53.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126681	53.753	ug/l	100
82) 4-Chlorotoluene	11.51	91	867656	50.990	ug/l	100
83) tert-Butylbenzene	11.76	119	843861	50.843	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	937567	52.611	ug/l	100
85) sec-Butylbenzene	11.94	105	1086482	52.523	ug/l	100
86) p-Isopropyltoluene	12.06	119	1000433	52.216	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	512960	48.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	509829	47.390	ug/l	100
89) n-Butylbenzene	12.38	91	869835	49.858	ug/l	100
90) Hexachloroethane	12.59	117	174269	51.871	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	514804	49.825	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78693	51.676	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

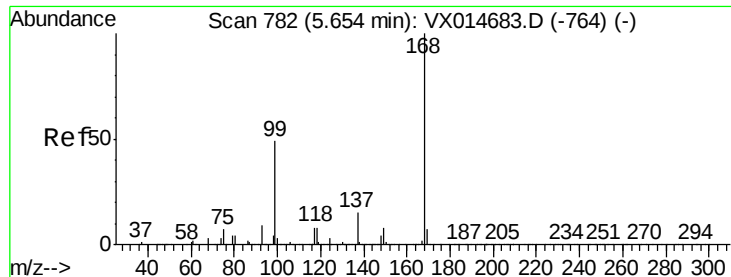
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	345721	44.390	ug/l	100
94) Hexachlorobutadiene	13.77	225	173160	47.248	ug/l	100
95) Naphthalene	13.83	128	1051022	47.342	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	354485	46.378	ug/l	100

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



#1

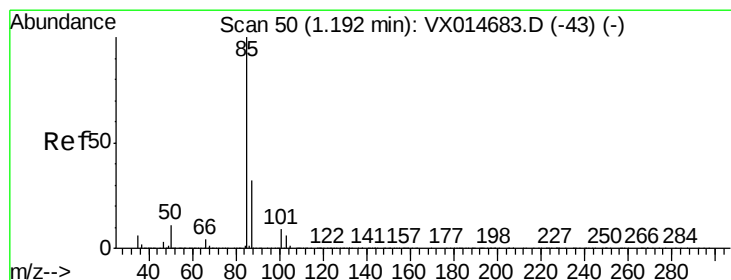
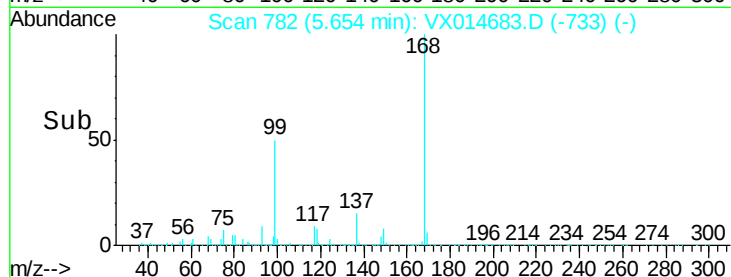
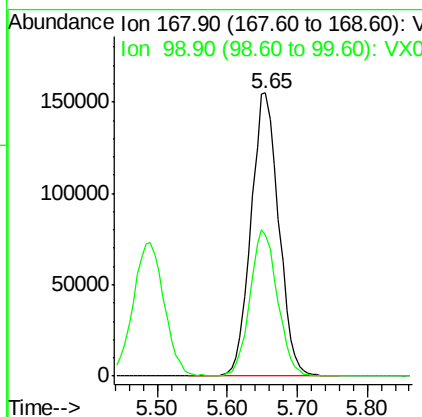
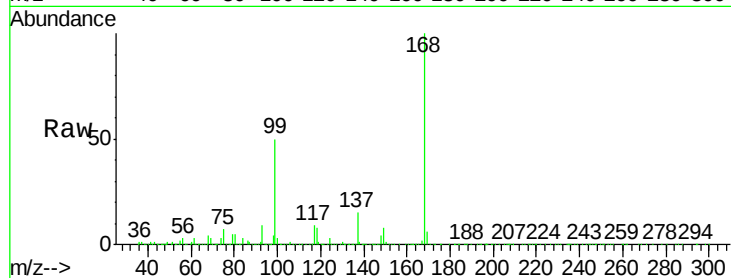
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.8	59.6

Manual Integrations
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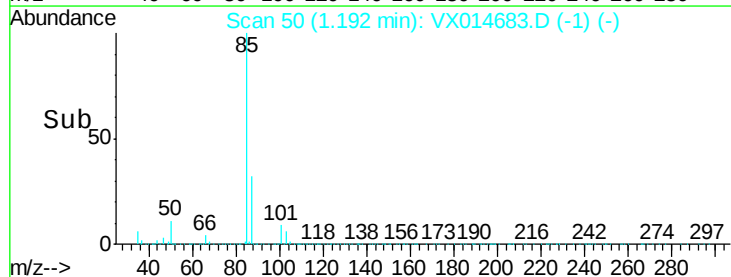
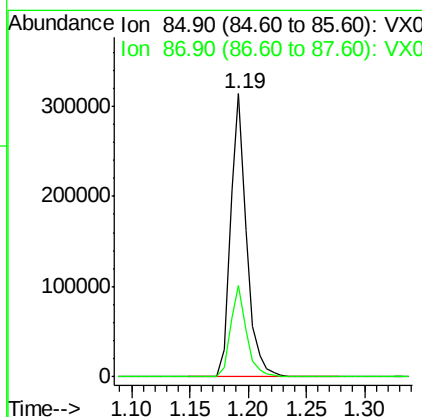
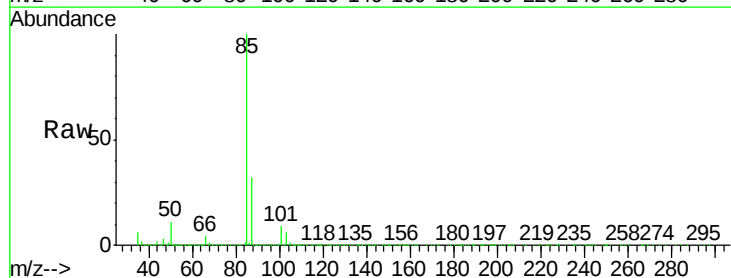
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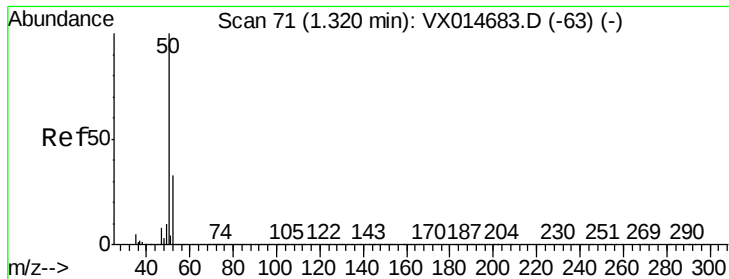


#2

Dichlorodifluoromethane
 Concen: 61.504 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.5





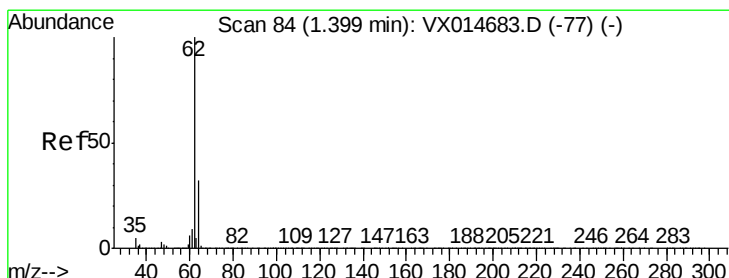
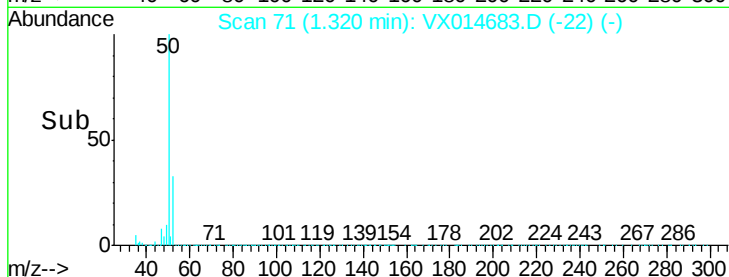
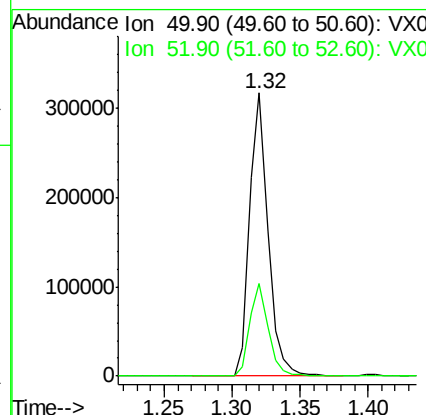
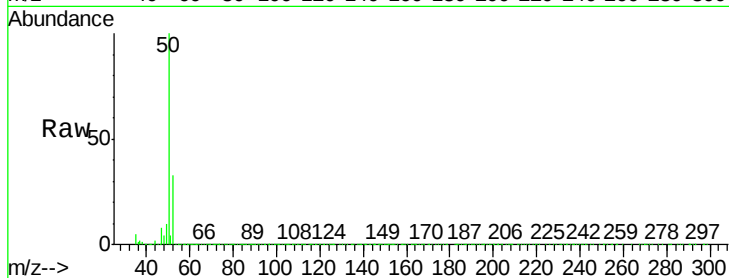
#3
Chloromethane
Concen: 54.406 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2

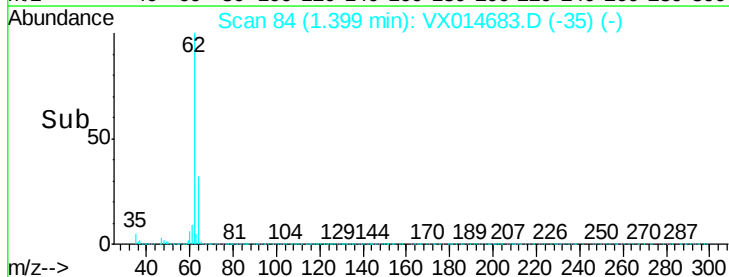
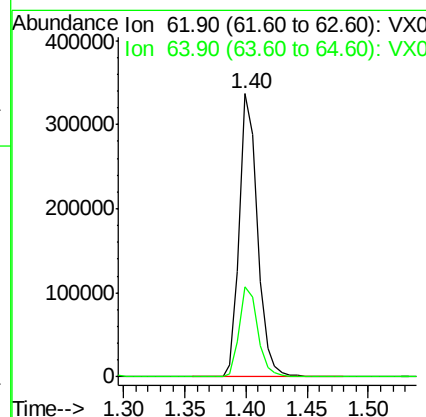
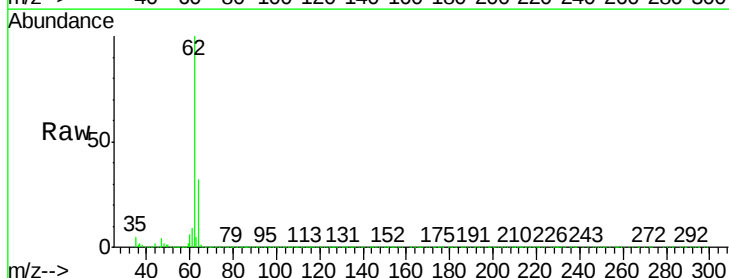
Manual Integrations
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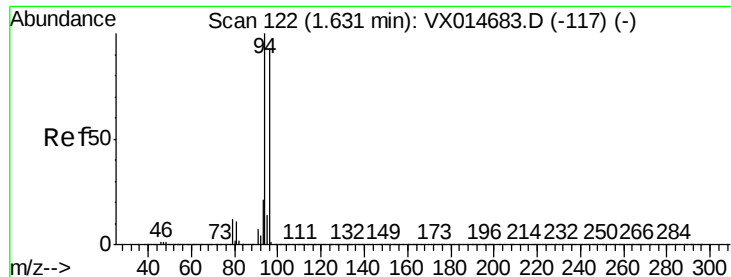
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#4
Vinyl Chloride
Concen: 55.928 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2





#5

Bromomethane

Concen: 51.278 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 211296

Ion Ratio Lower Upper

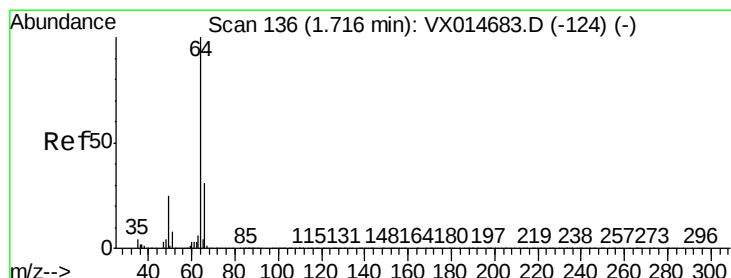
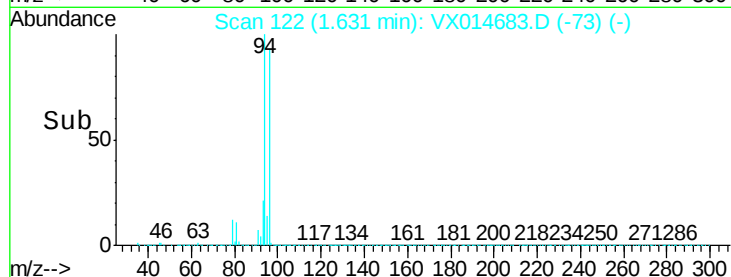
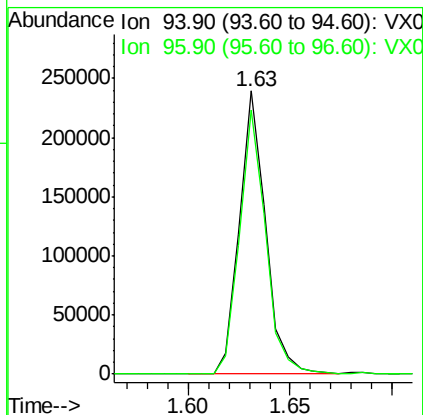
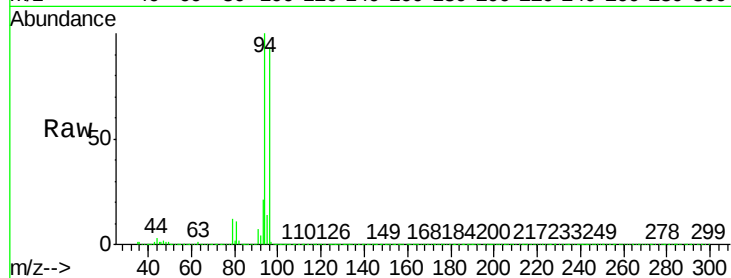
94 100

96 93.4 74.7 112.1

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#6

Chloroethane

Concen: 52.631 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014683.D

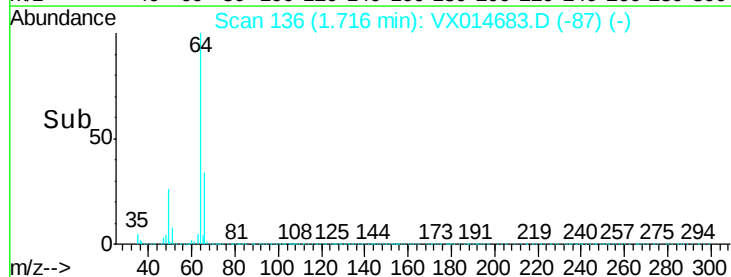
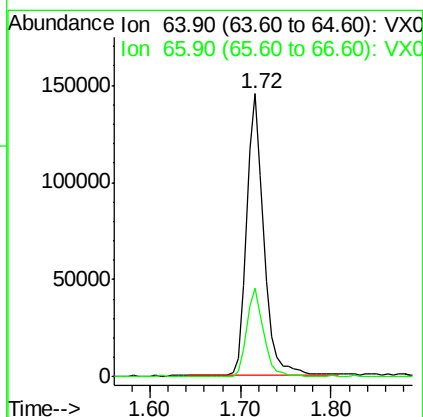
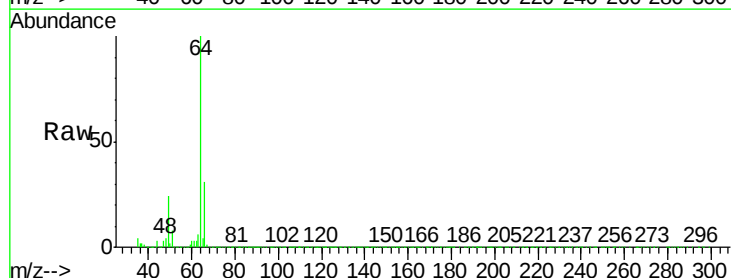
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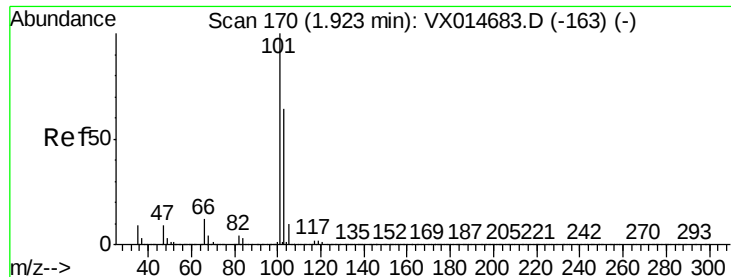
Tgt Ion: 64 Resp: 191943

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

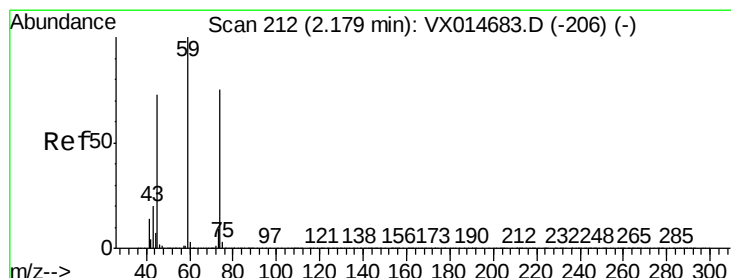
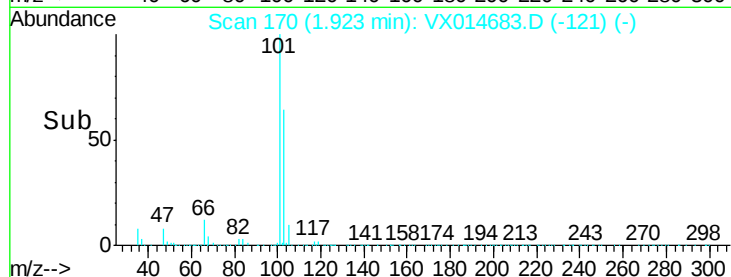
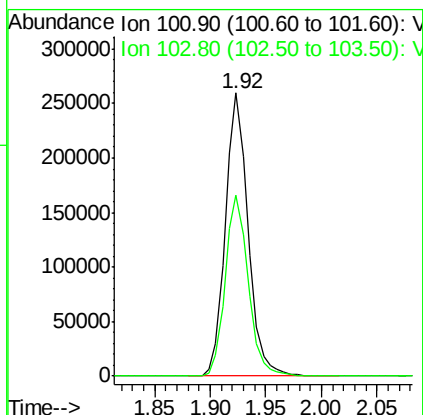
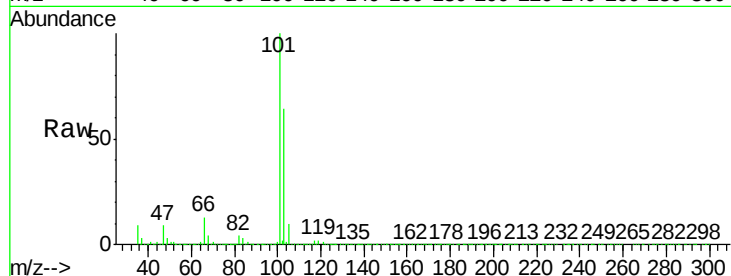
Trichlorofluoromethane
Concen: 52.645 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

Manual Integrations
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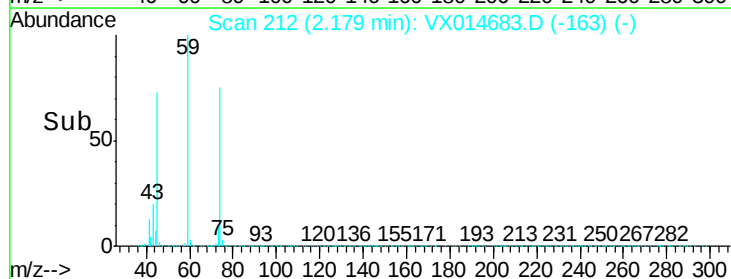
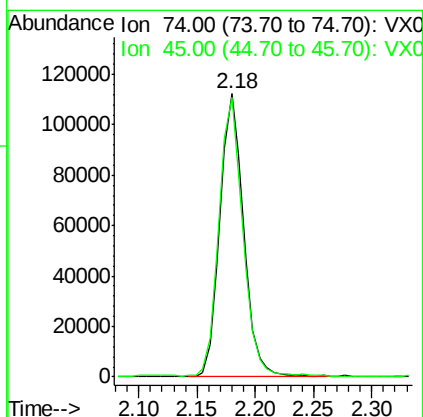
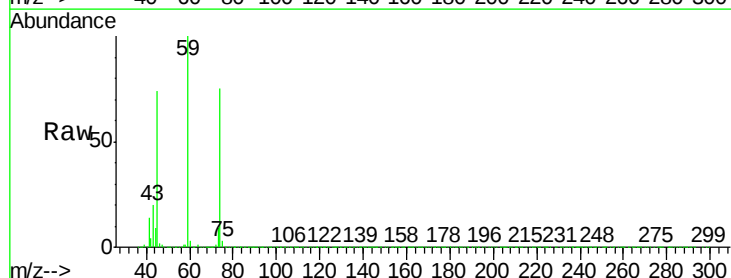
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1/24/2020 1:39:06 PM

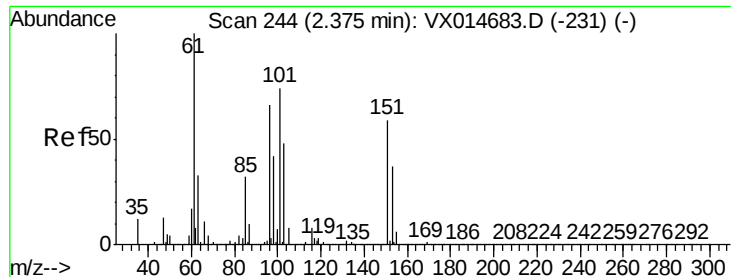


#8

Diethyl Ether
Concen: 49.633 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.978 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

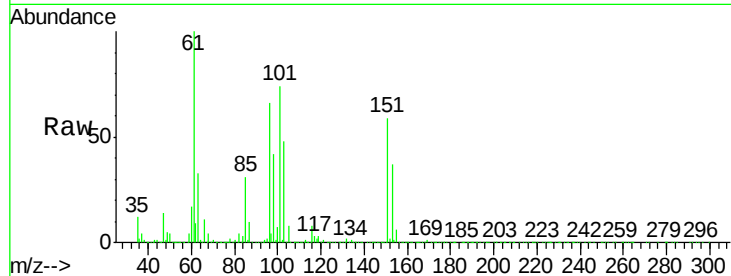
ClientSampleId :

VSTDICCC050

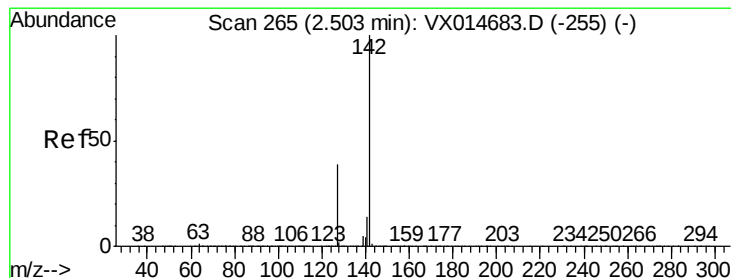
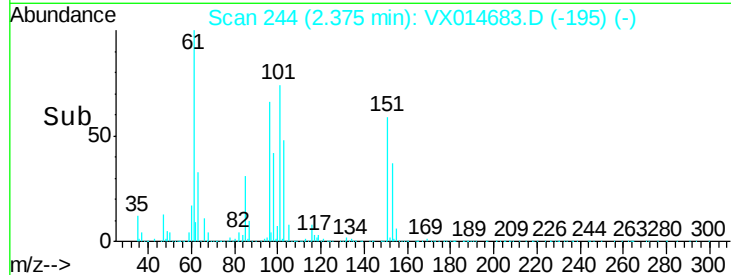
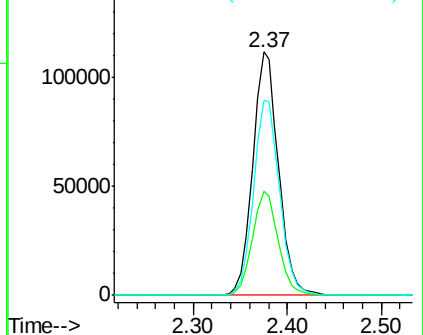
Tot Ion:	101	Resp:	215133
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.7	52.1
151	80.9	64.7	97.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.670 ug/l

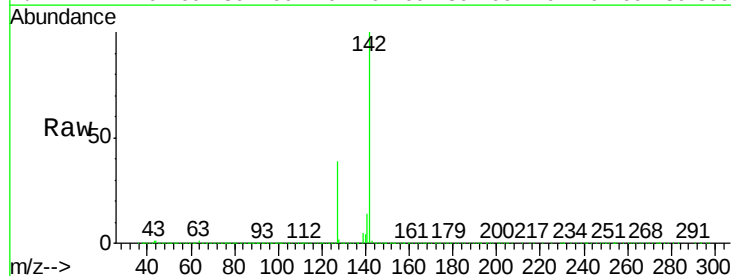
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

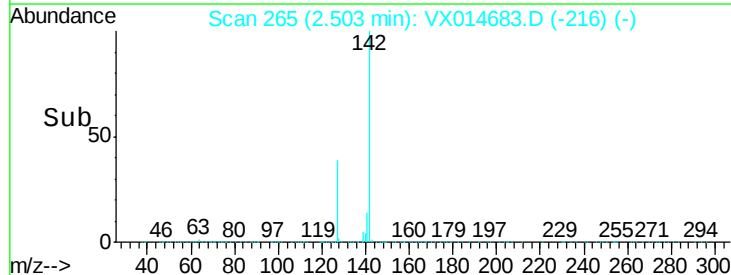
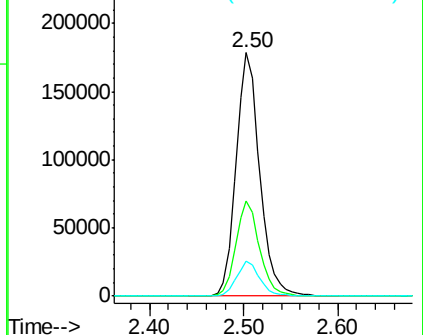
Lab File: VX014683.D

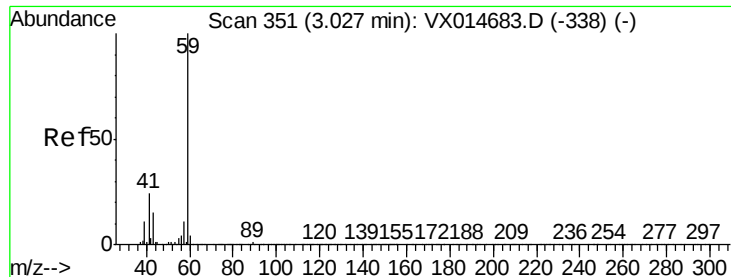
Acq: 22 Jan 2020 11:27

Tgt Ion:	142	Resp:	311410
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.1	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

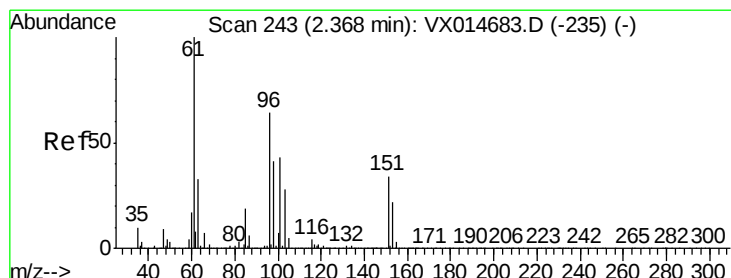
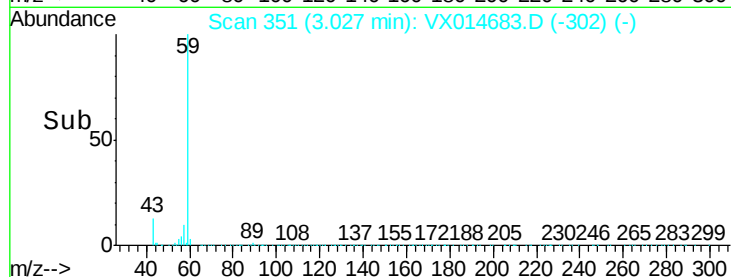
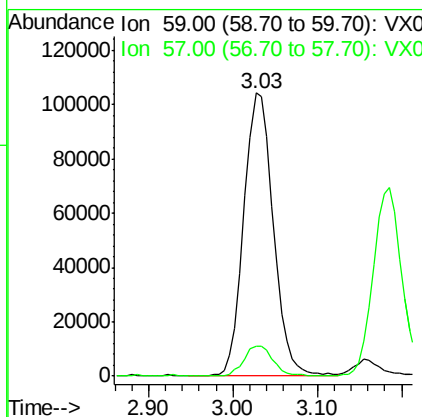
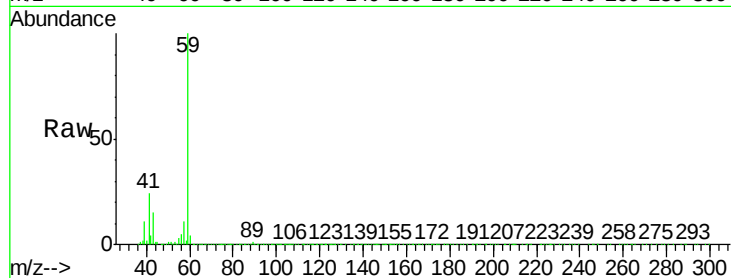
Tert butyl alcohol
Concen: 248.772 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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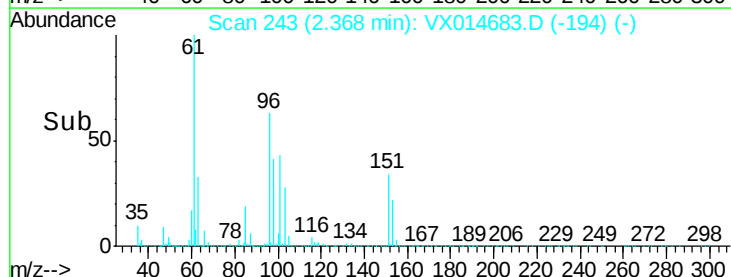
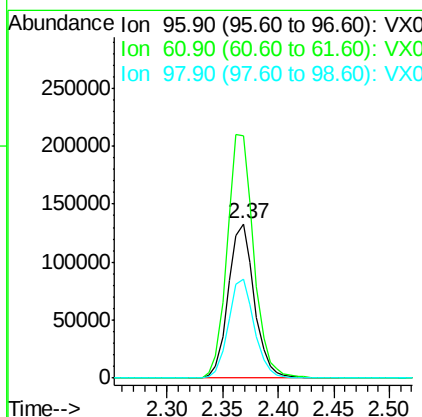
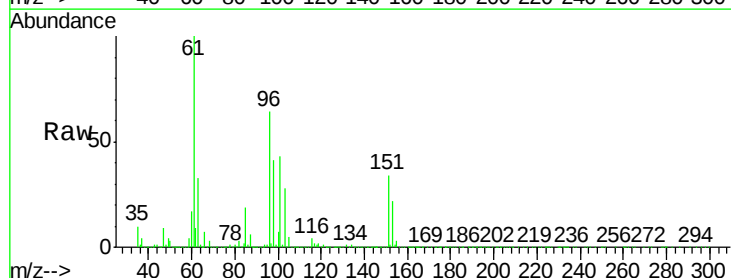
MMDadoda
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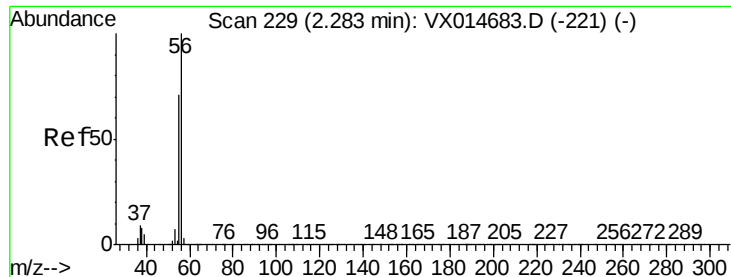


#12

1,1-Dichloroethene
Concen: 50.486 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	125.8	188.8
98	64.4	51.5	77.3





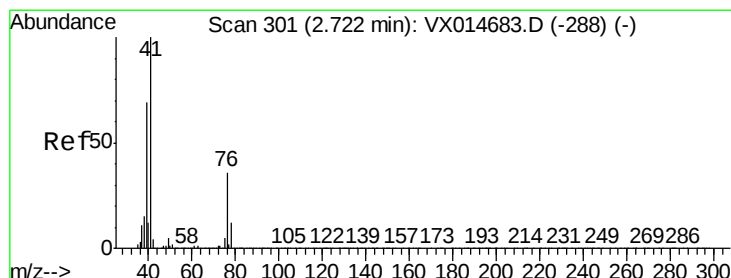
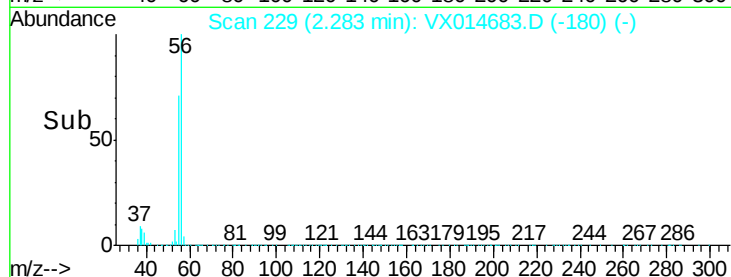
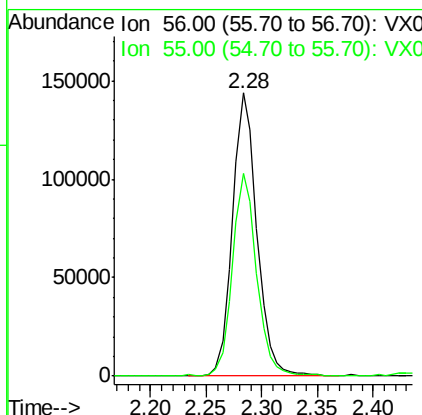
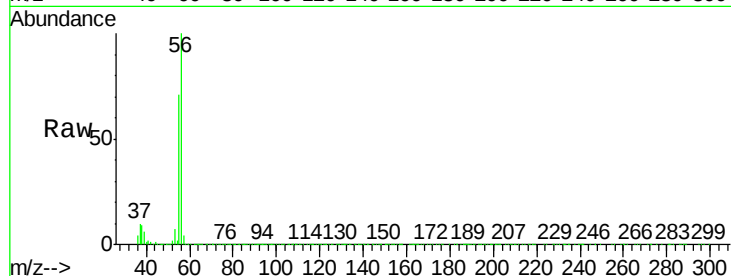
#13
Acrolein
Concen: 267.606 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.6	84.8

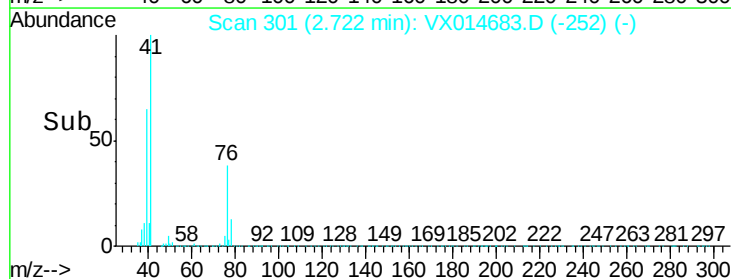
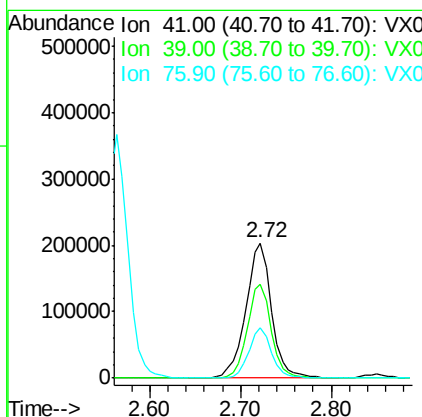
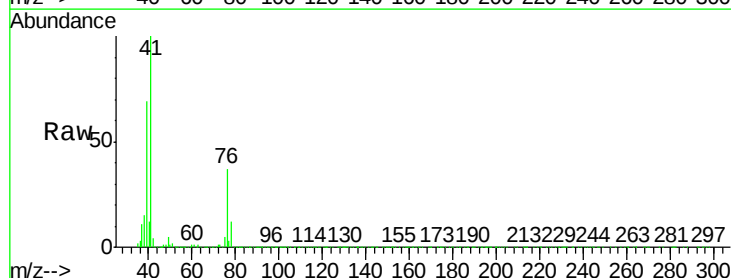
Manual Integrations
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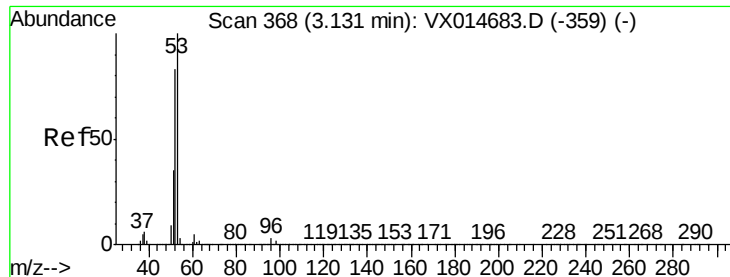
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#14
Allyl chloride
Concen: 53.078 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	52.0	78.0
76	32.5	26.0	39.0





#15

Acrylonitrile

Concen: 265.638 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

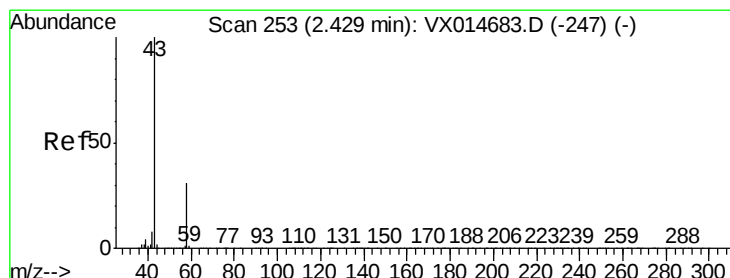
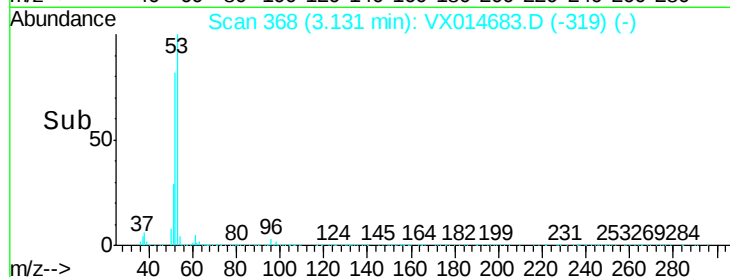
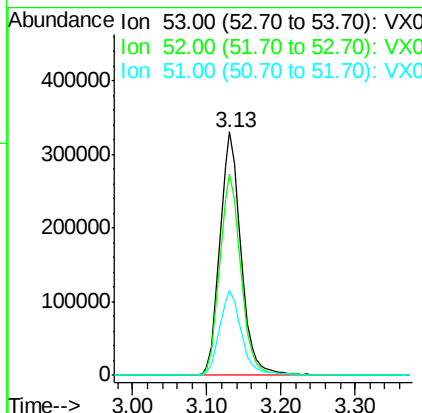
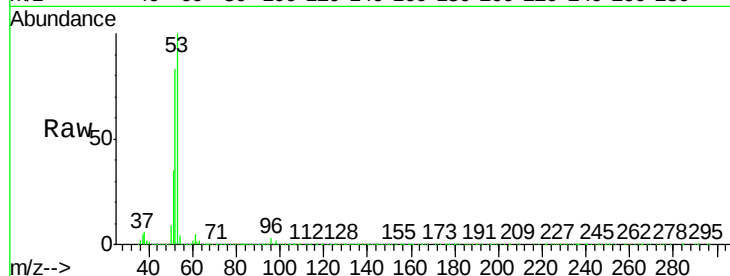
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.0	66.4	99.6	
51	35.9	28.7	43.1	

Manual Integrations
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#16

Acetone

Concen: 260.470 ug/l

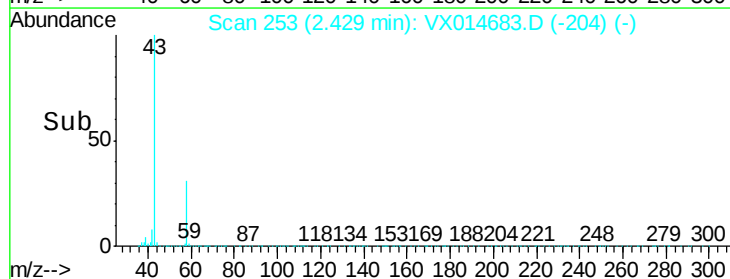
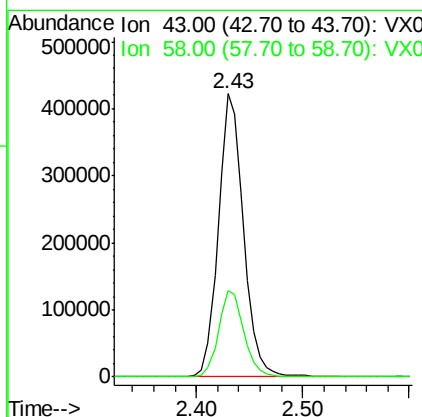
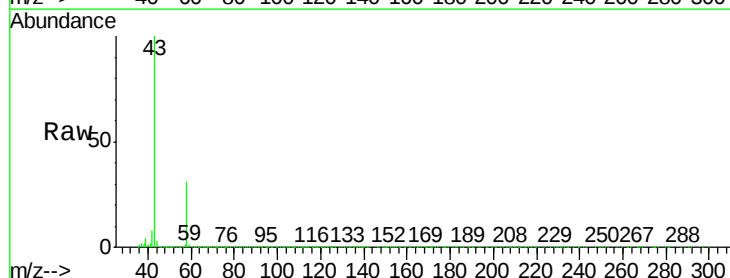
RT: 2.43 min Scan# 253

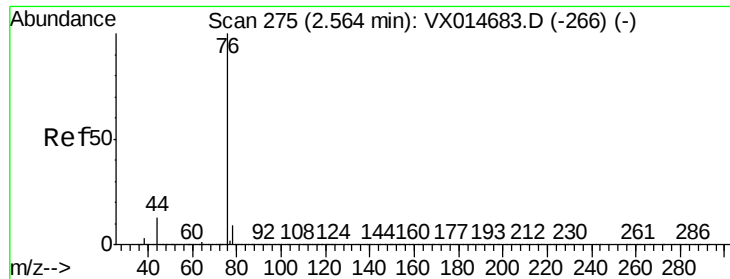
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	30.6	24.5	36.7	





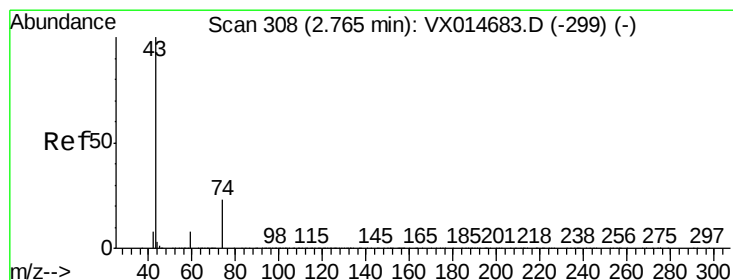
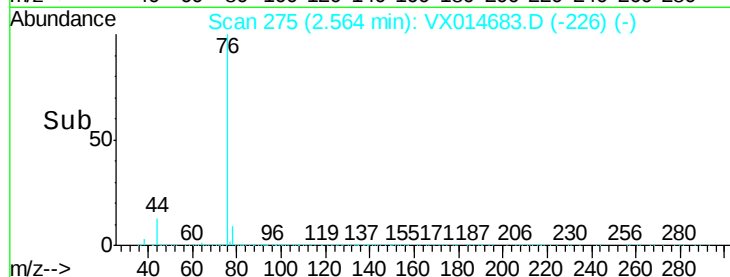
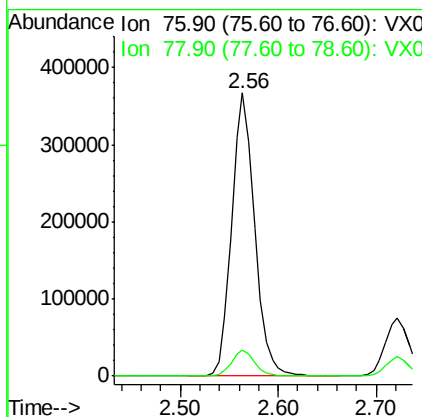
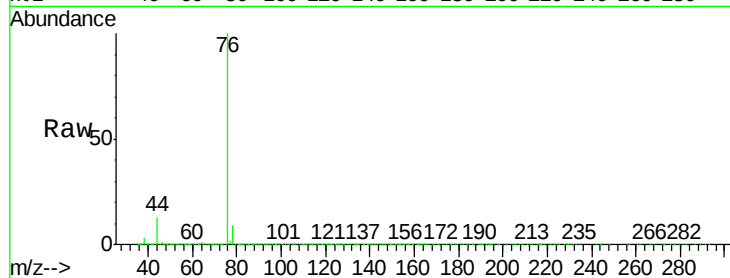
#17
Carbon Disulfide
Concen: 50.346 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

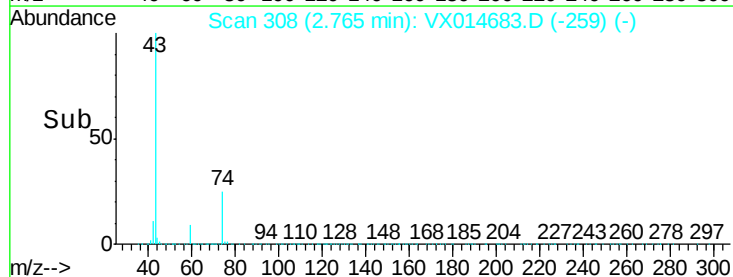
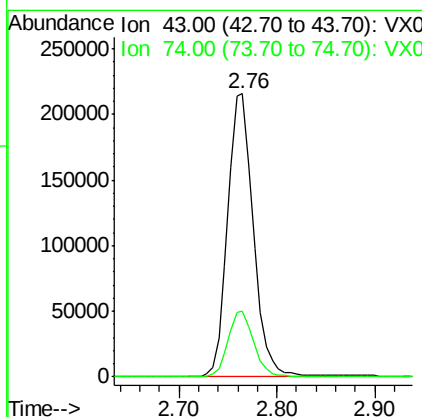
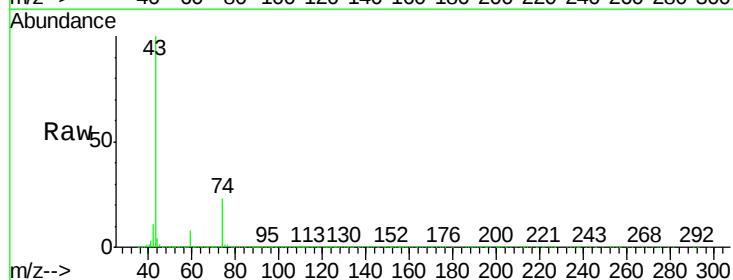
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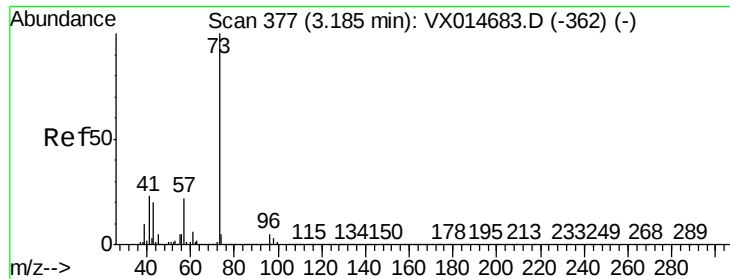
MMDadoda
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#18
Methyl Acetate
Concen: 56.383 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





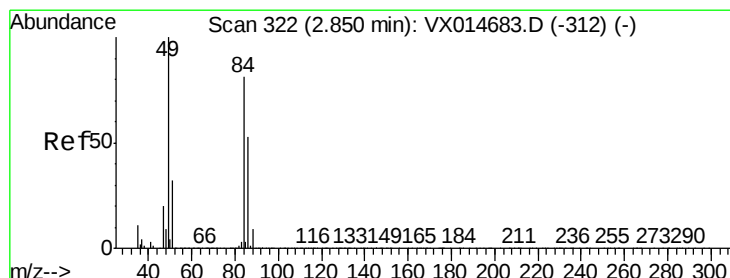
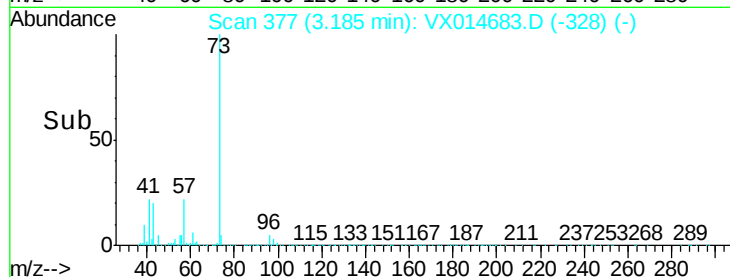
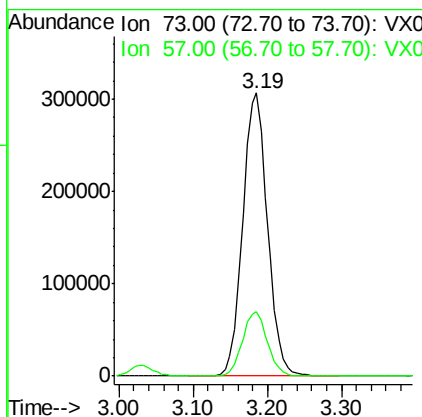
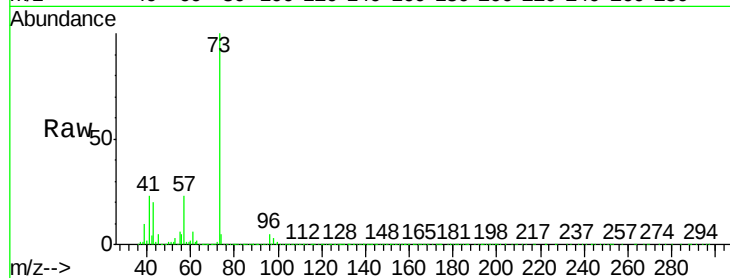
#19
Methvl tert-butvl Ether
Concen: 52.289 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.0	27.0

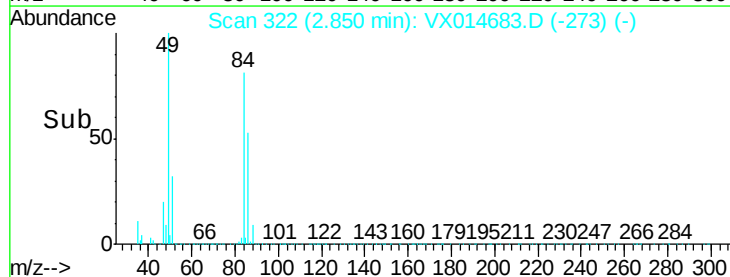
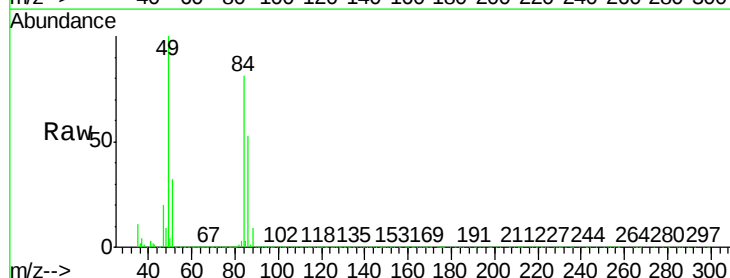
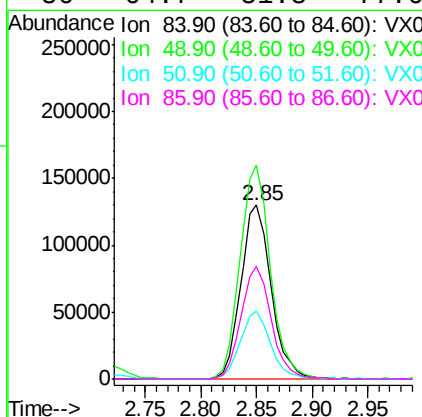
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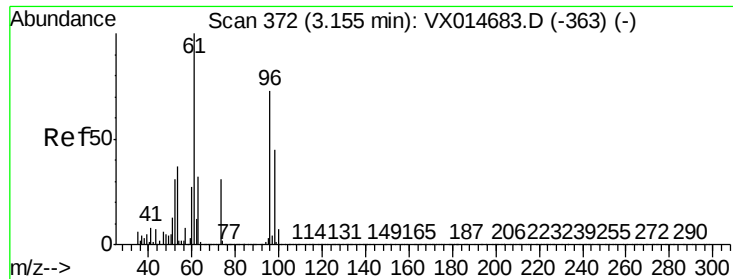
MMDadoda
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#20
Methylene Chloride
Concen: 50.648 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	98.2	147.4
51	39.1	31.3	46.9
86	64.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 49.919 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

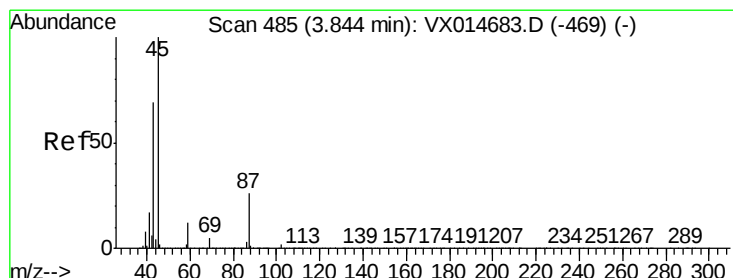
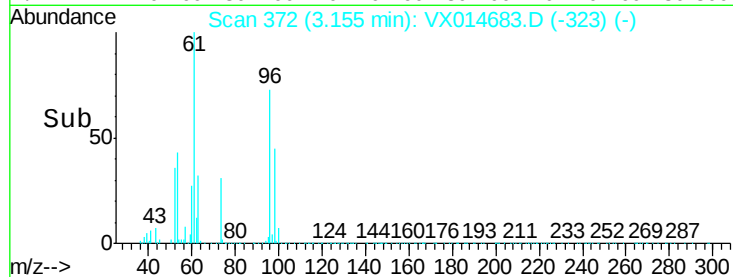
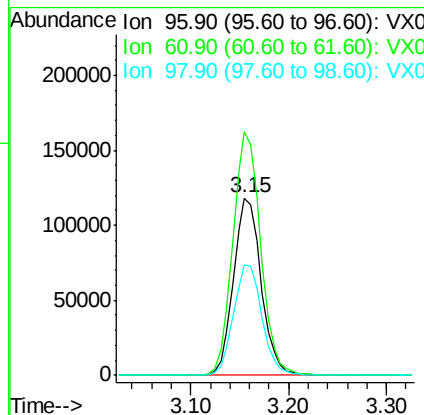
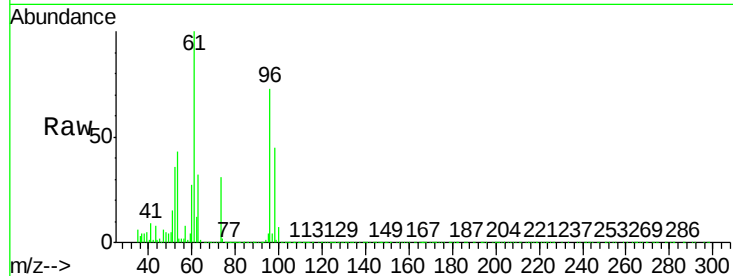
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	231640
Ion Ratio	Lower	Upper	
96	100		
61	137.2	109.8	164.6
98	62.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 54.981 ug/l

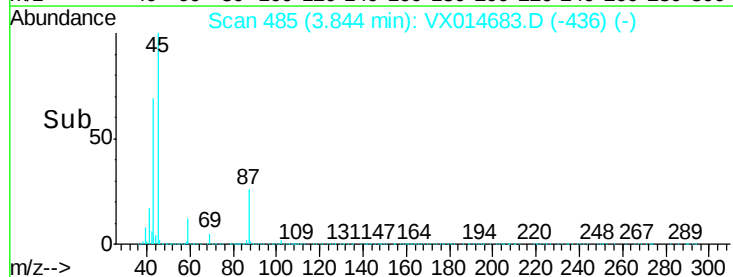
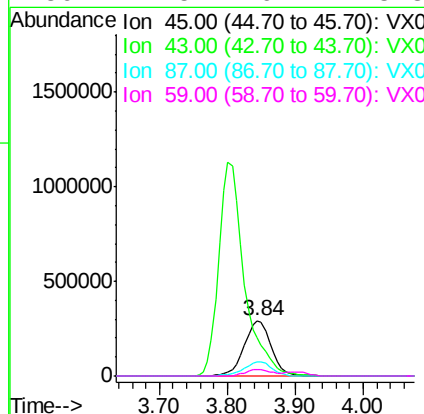
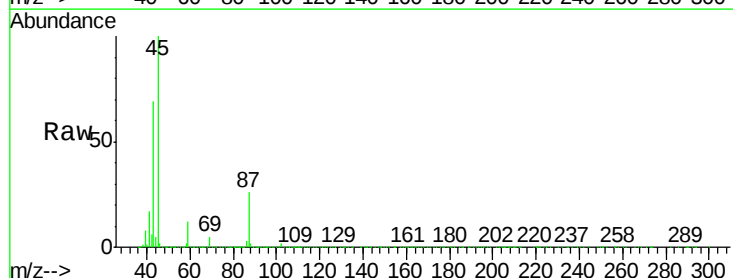
RT: 3.84 min Scan# 485

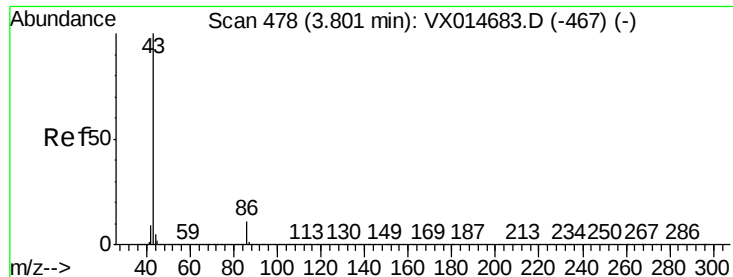
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion:	45	Resp:	800254
Ion Ratio	Lower	Upper	
45	100		
43	68.9	55.1	82.7
87	25.9	20.7	31.1
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 265.289 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2970311

Ion Ratio Lower Upper

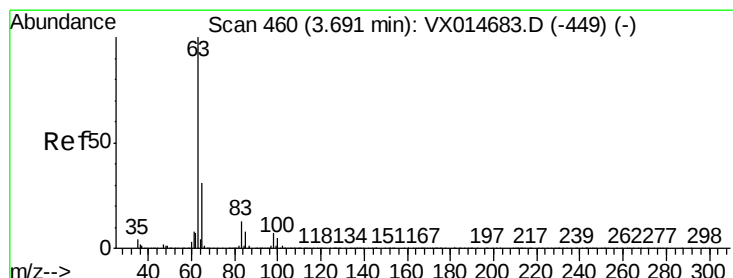
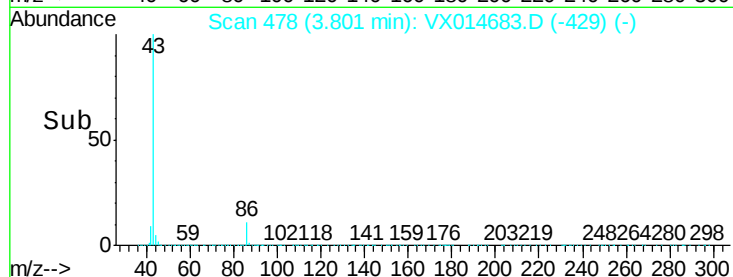
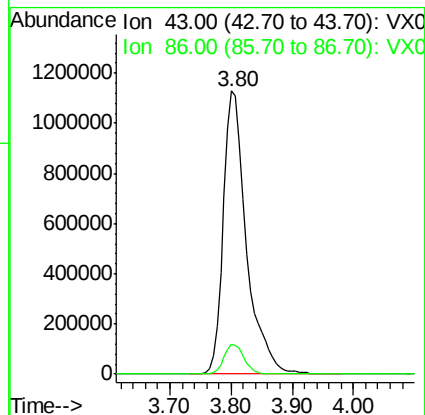
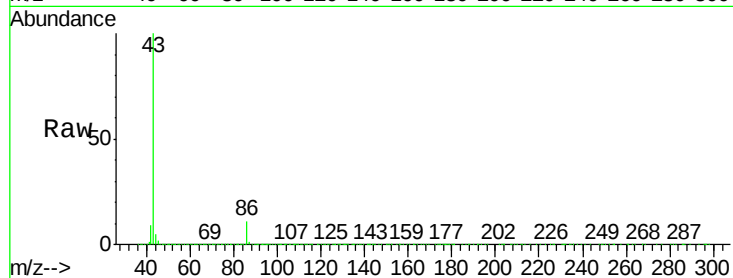
43 100

86 10.5 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 53.805 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

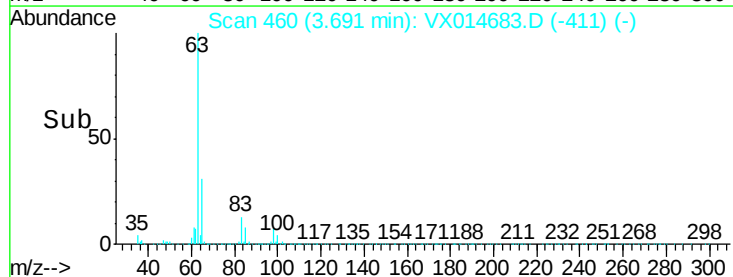
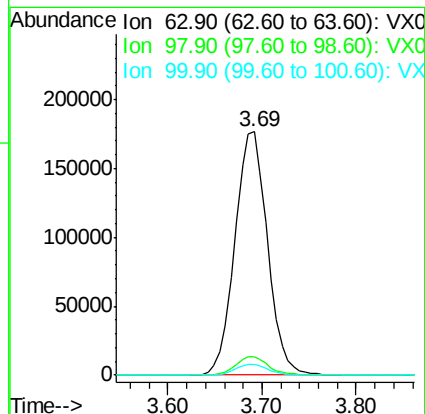
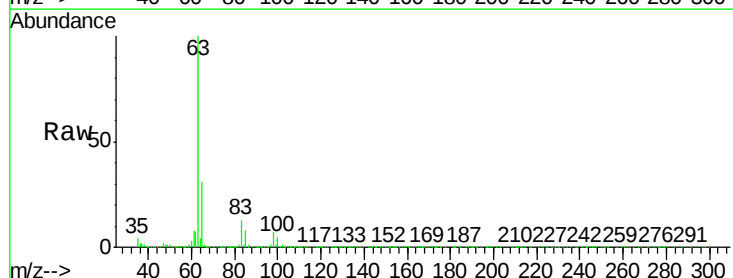
Tgt Ion: 63 Resp: 424189

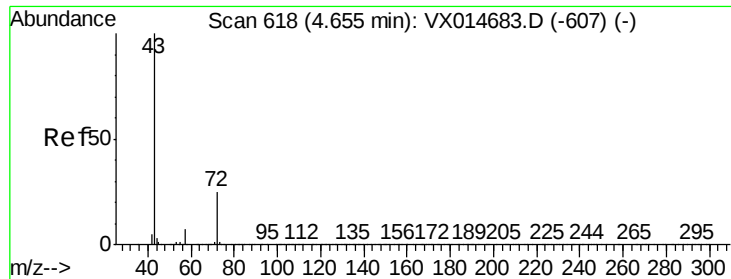
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 269.617 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 974129

Ion Ratio Lower Upper

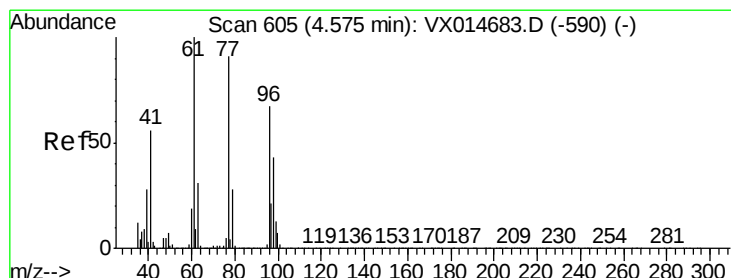
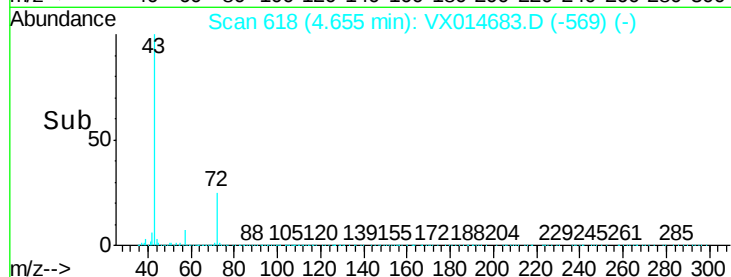
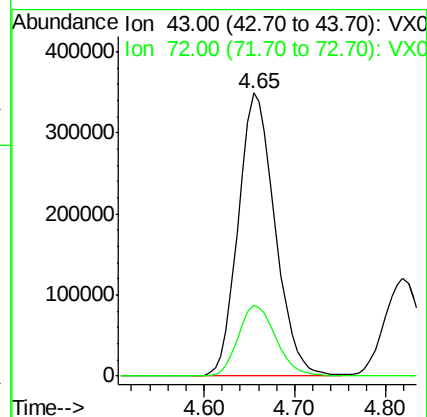
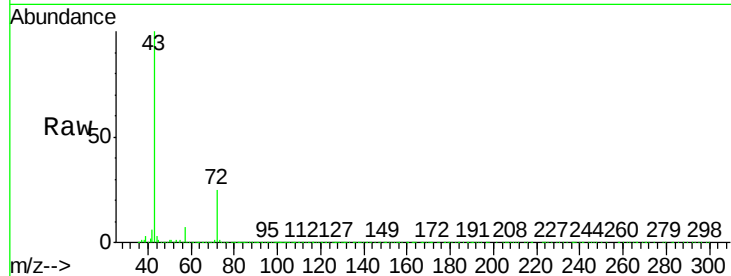
43 100

72 24.9 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 51.103 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014683.D

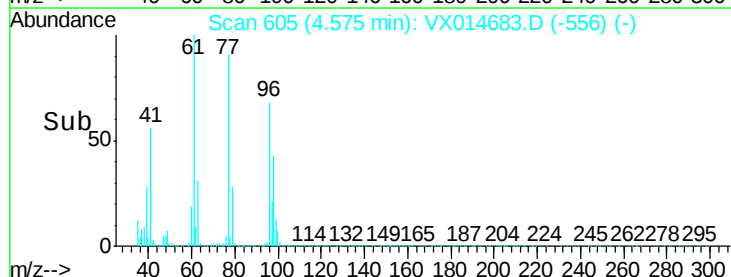
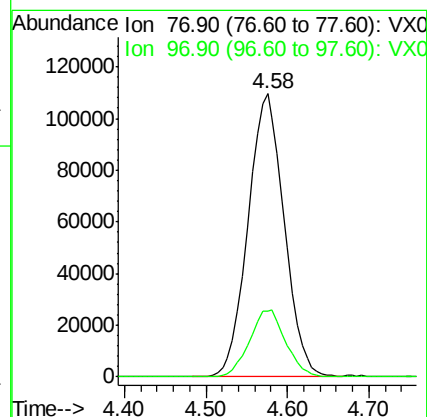
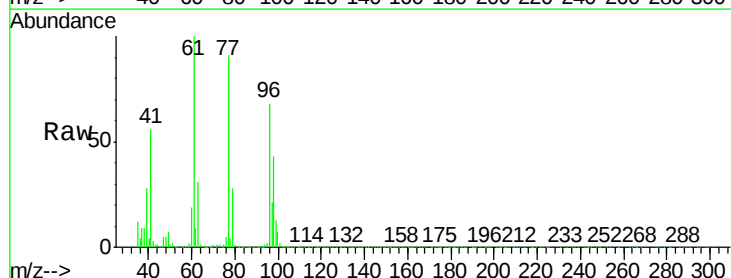
Acq: 22 Jan 2020 11:27

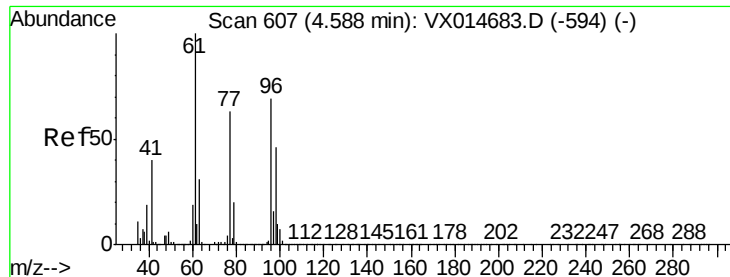
Tgt Ion: 77 Resp: 338473

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





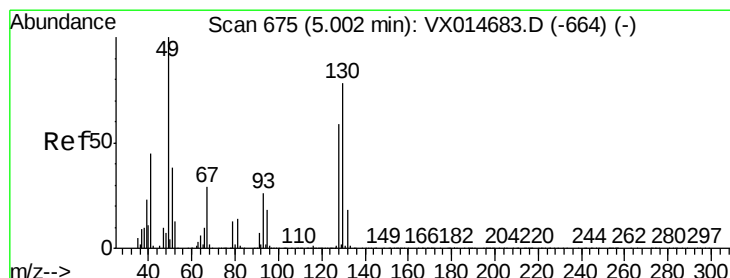
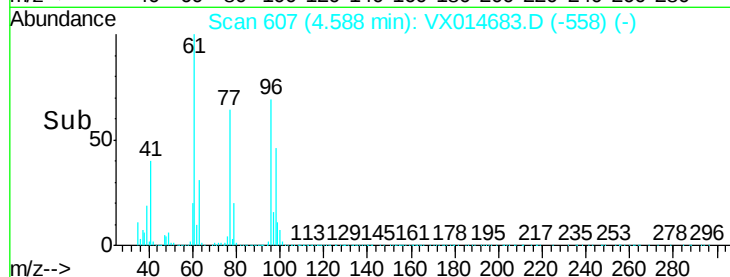
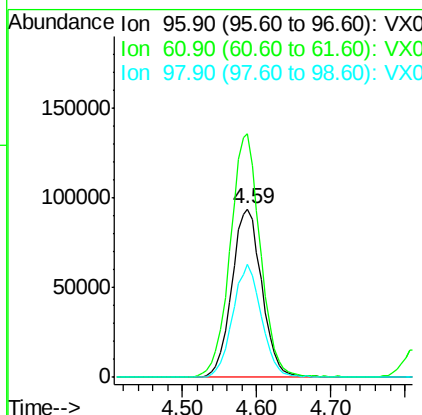
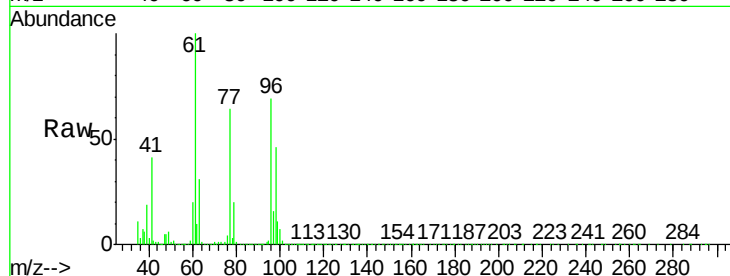
#27
 cis-1,2-Dichloroethene
 Concen: 50.695 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	262902		
61	145.5	0.0	291.0	
98	64.9	0.0	129.8	

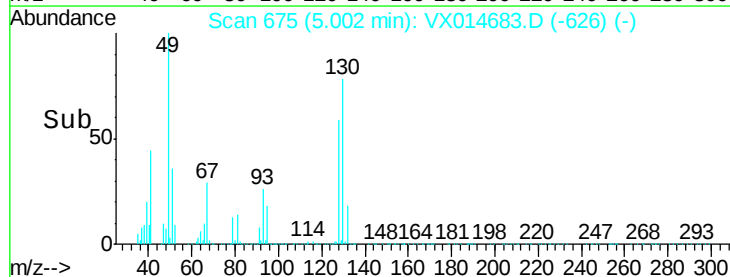
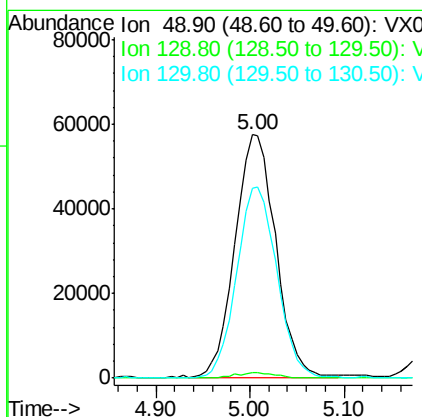
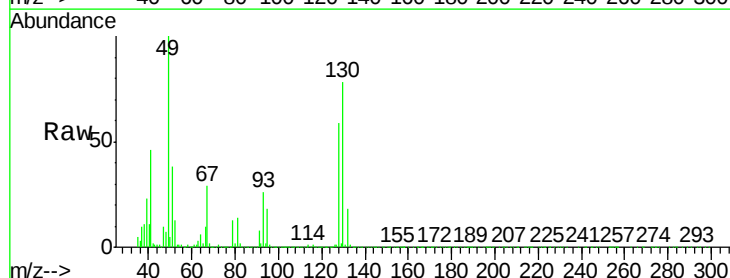
Manual Integrations
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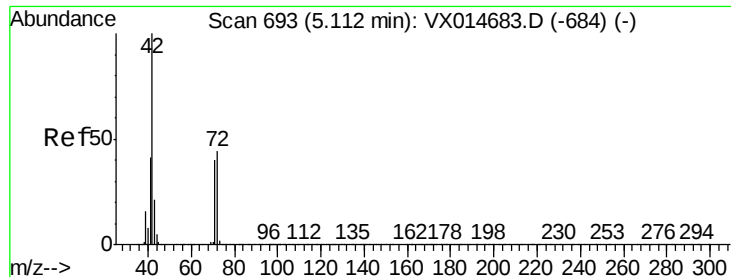
MMDadoda
 1/24/2020 1:39:06 PM



#28
 Bromochloromethane
 Concen: 51.565 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	171762		
129	2.4	0.0	4.8	
130	78.0	62.4	93.6	





#29

Tetrahydrofuran

Concen: 275.562 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

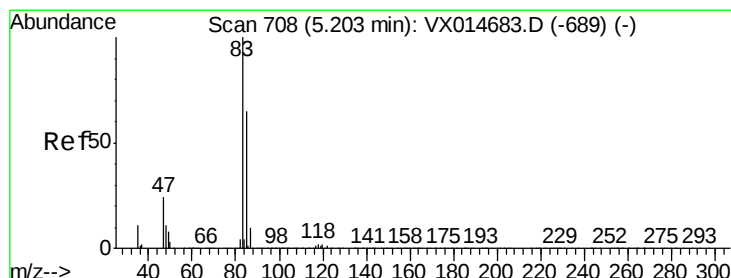
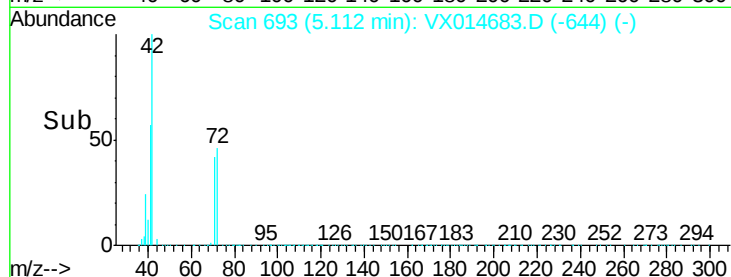
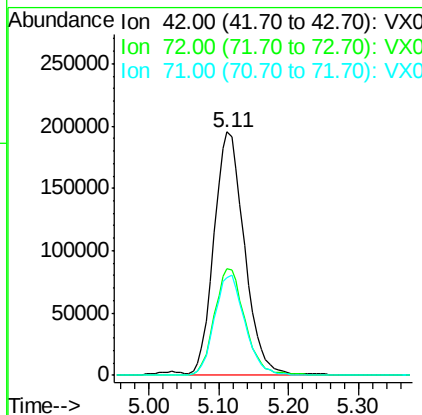
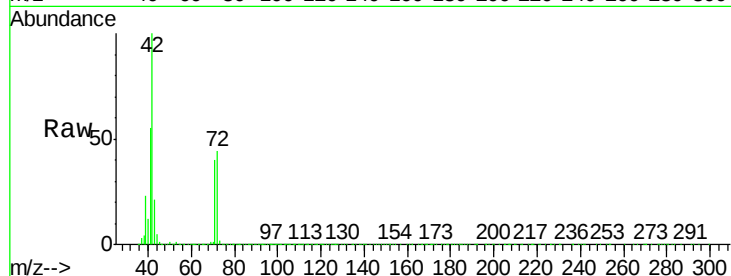
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	587744
Ion Ratio	Lower	Upper	
42	100		
72	44.1	35.3	52.9
71	41.4	33.1	49.7

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#30

Chloroform

Concen: 53.686 ug/l

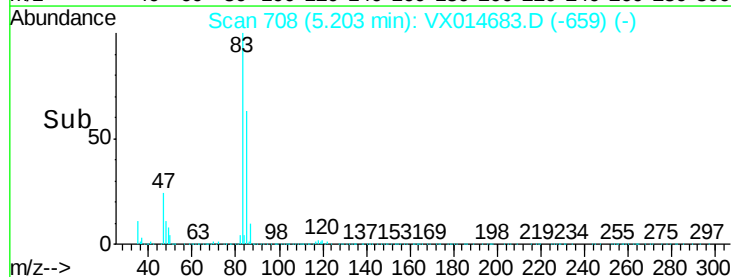
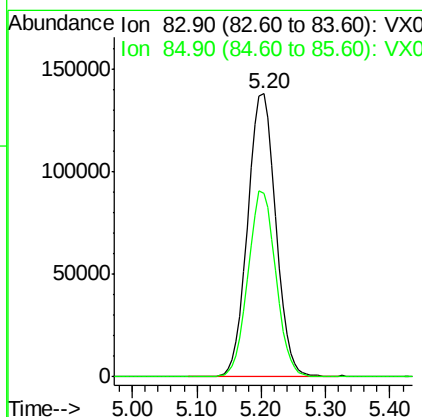
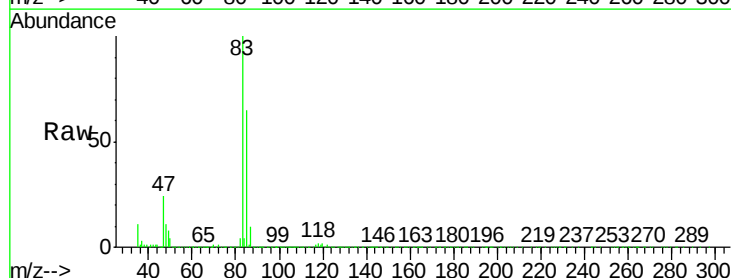
RT: 5.20 min Scan# 708

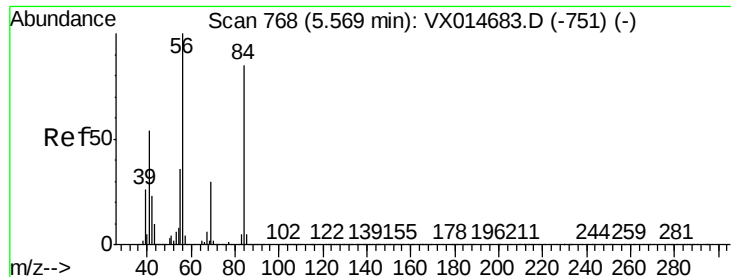
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion:	83	Resp:	413998
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.7	77.5





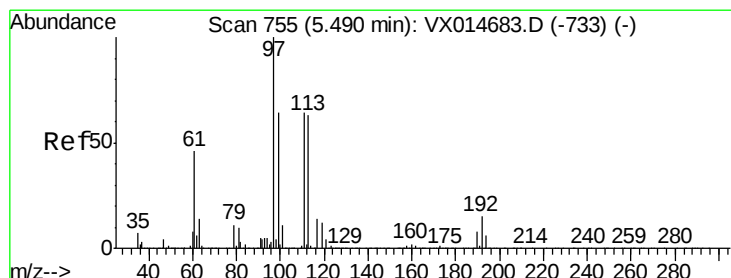
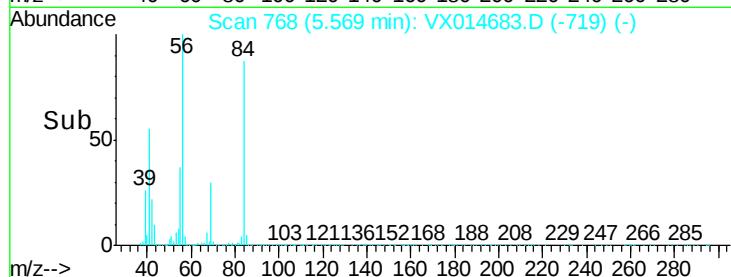
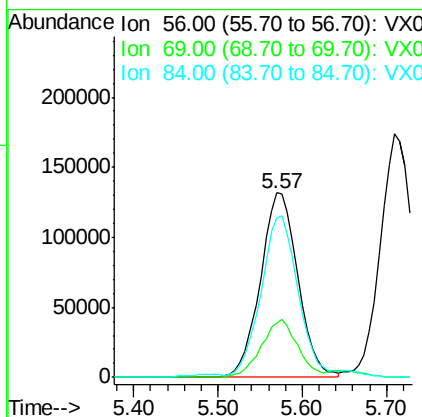
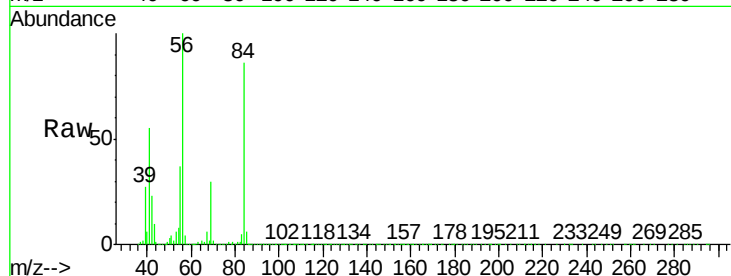
#31
Cvclohexane
Concen: 54.785 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.4	35.2
84	85.5	68.4	102.6

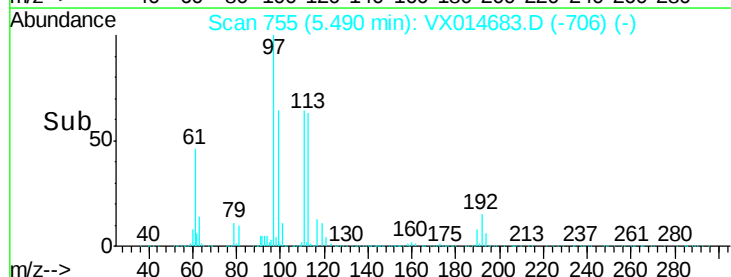
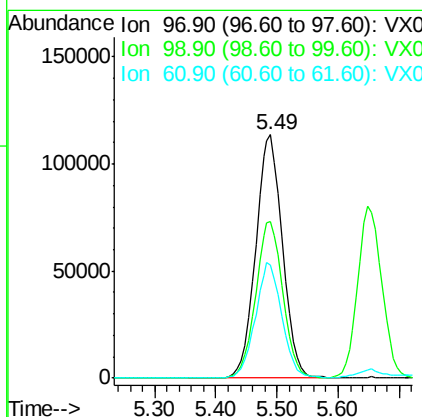
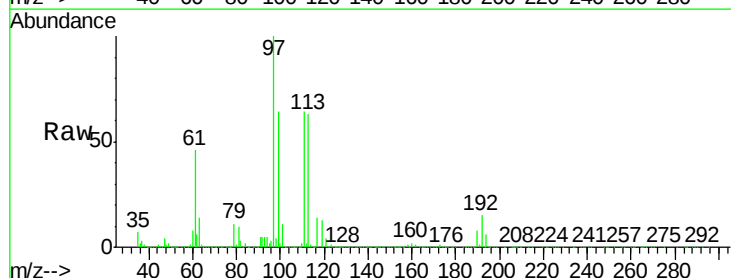
Manual Integrations
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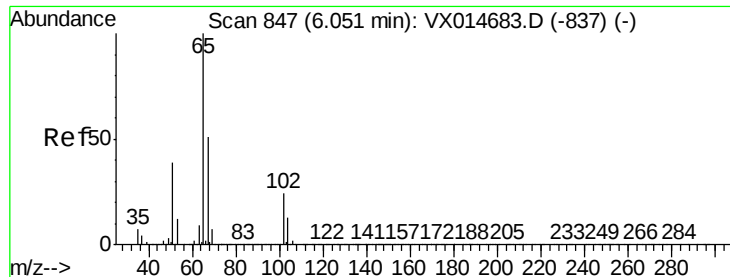
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.787 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	46.5	37.2	55.8





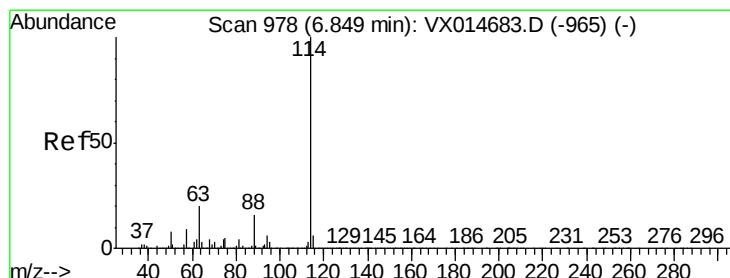
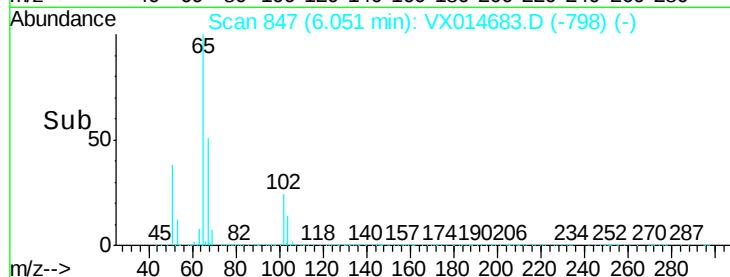
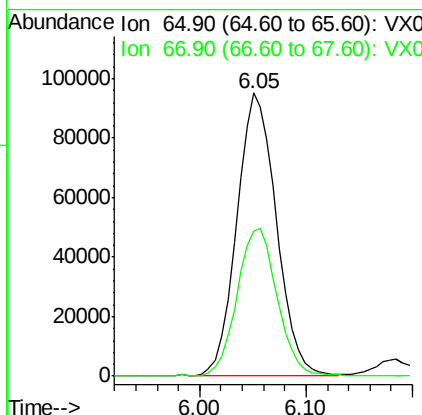
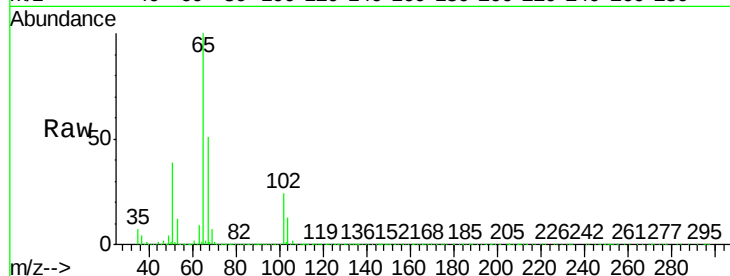
#33
 1,2-Dichloroethane-d4
 Concen: 50.999 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	246610		
67	53.7	0.0	107.4	

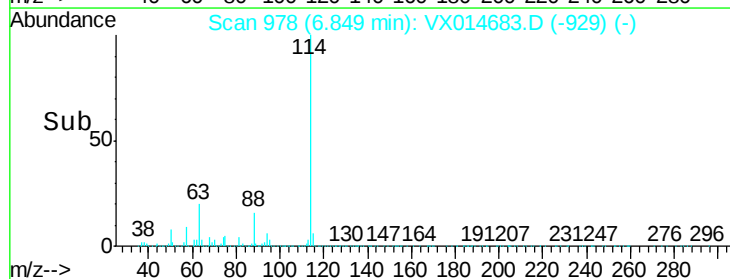
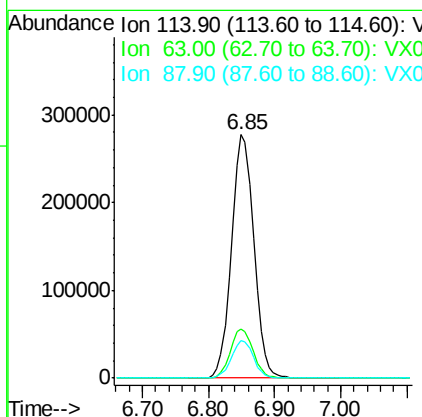
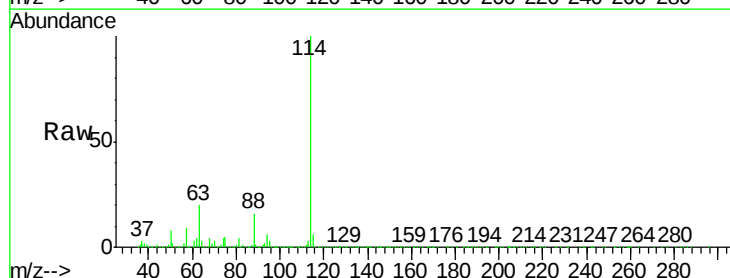
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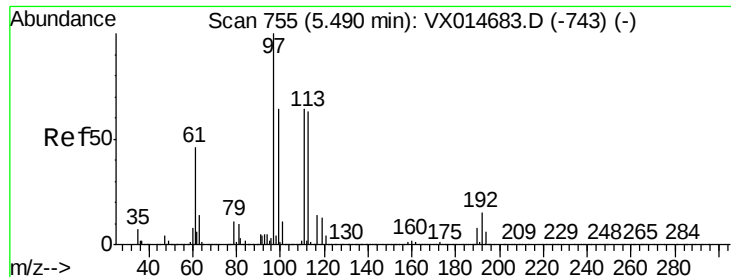
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	650165		
63	20.3	0.0	40.6	
88	15.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 51.305 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

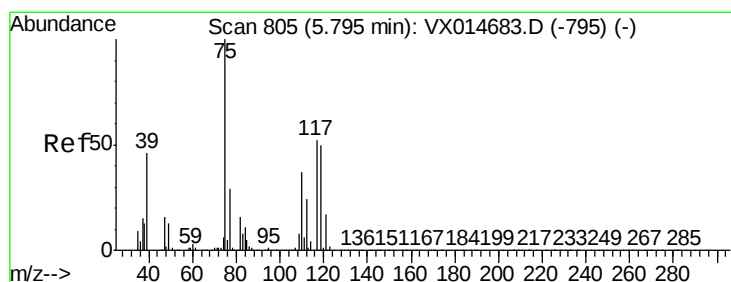
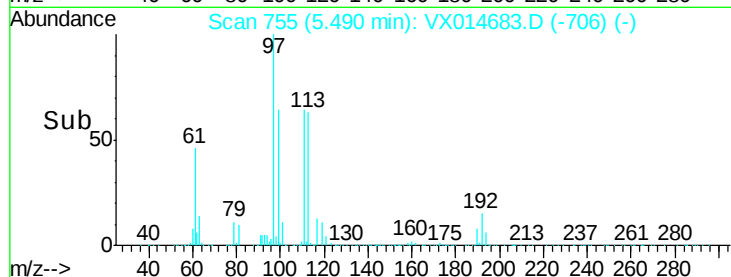
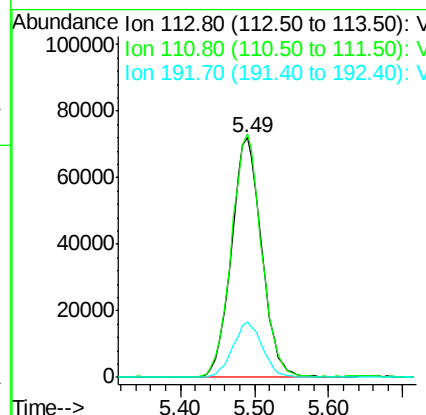
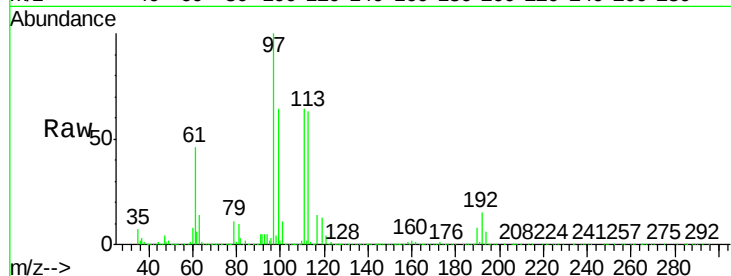
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	203936
Ion Ratio	Lower	Upper	
113	100		
111	100.9	80.7	121.1
192	23.1	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 51.626 ug/l

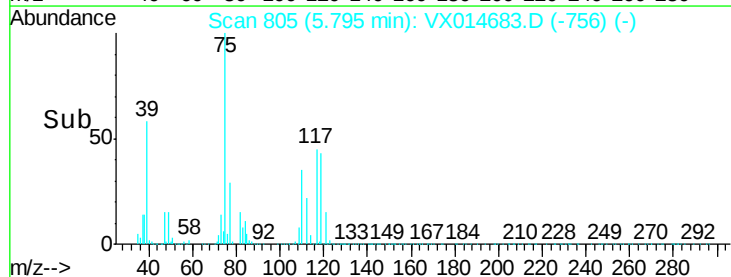
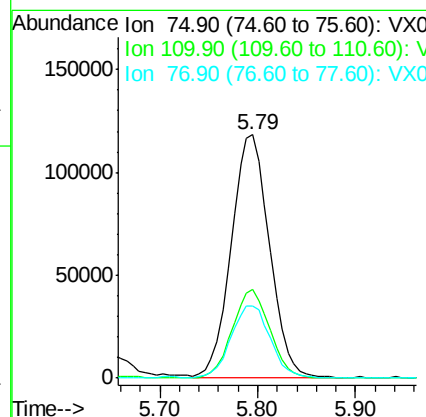
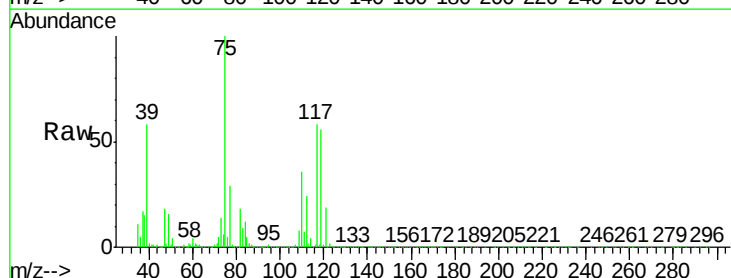
RT: 5.79 min Scan# 805

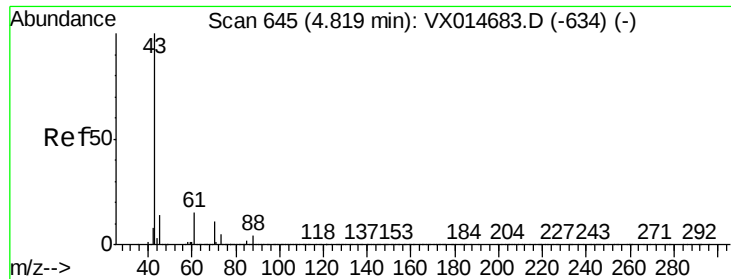
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion:	75	Resp:	318461
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.9	53.7
77	30.1	24.1	36.1





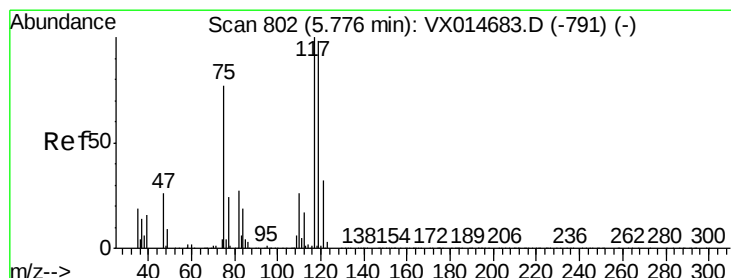
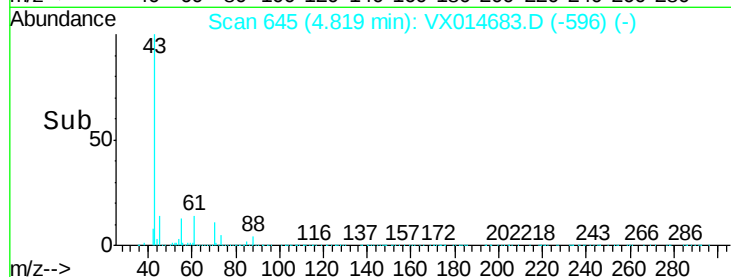
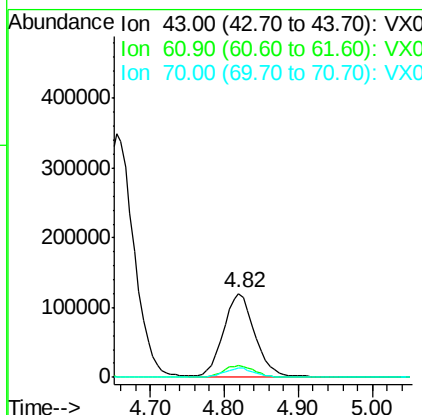
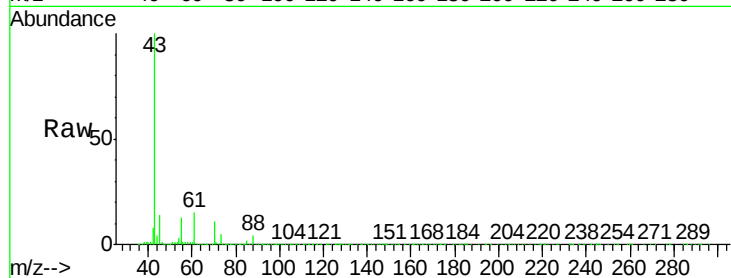
#37
Ethyl Acetate
Concen: 52.328 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	8.5	12.7

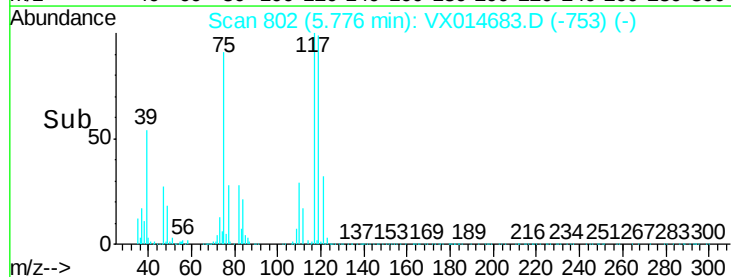
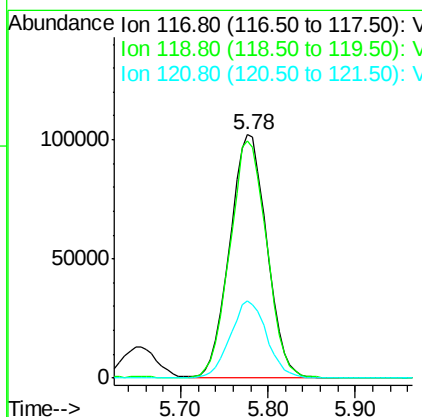
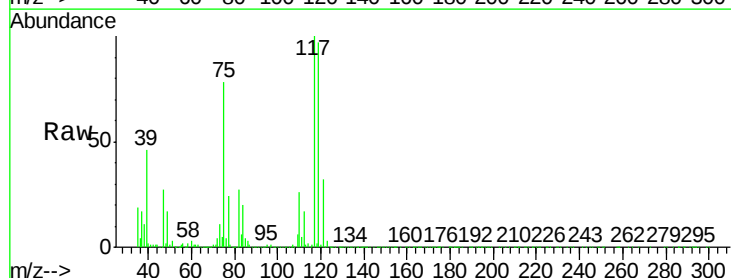
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 52.849 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.9	116.9
121	31.8	25.4	38.2





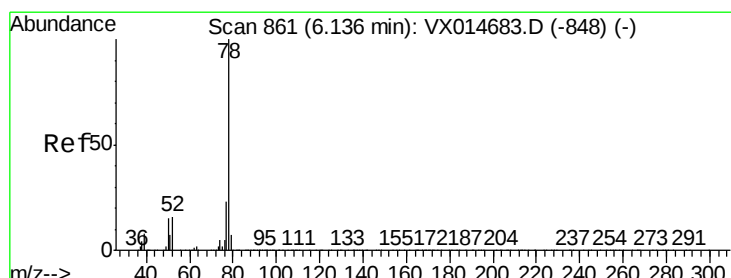
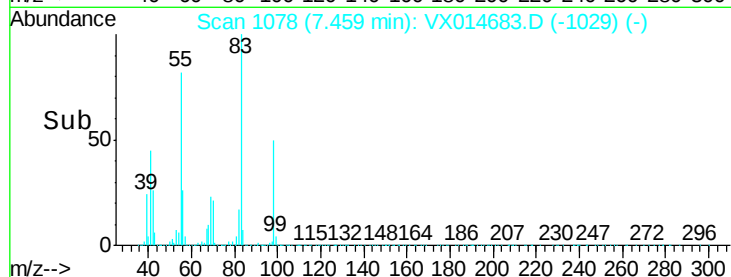
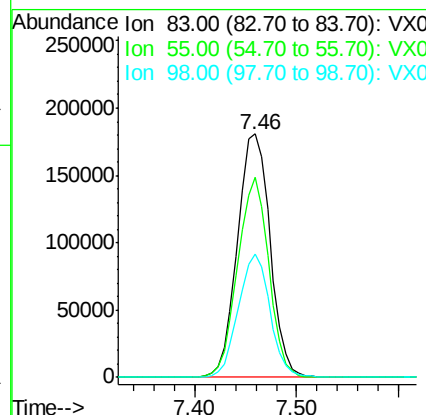
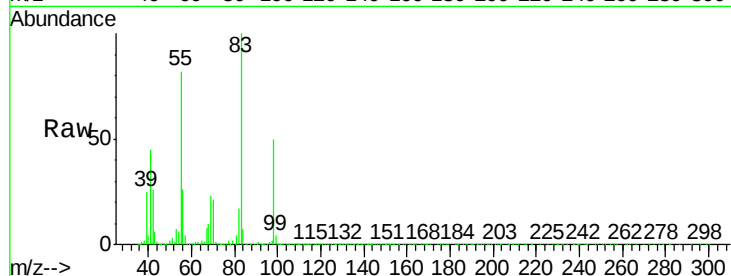
#39
Methylvlcvclohexane
Concen: 52.052 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	65.6	98.4
98	50.3	40.2	60.4

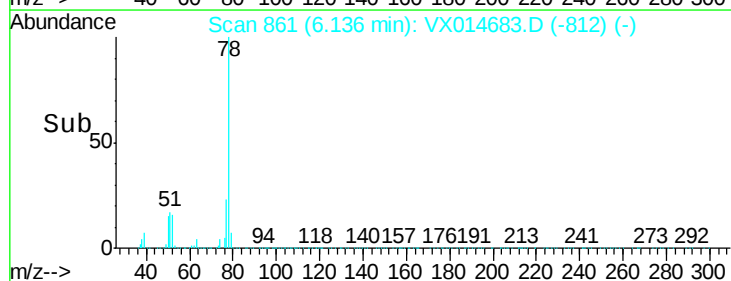
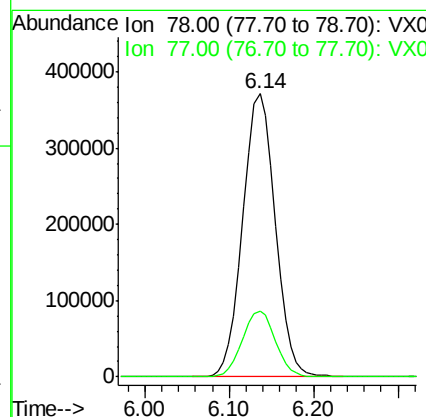
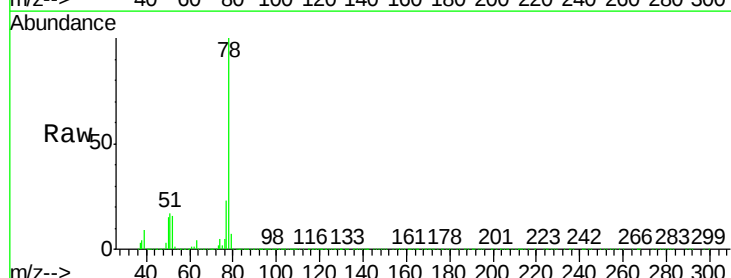
Manual Integrations
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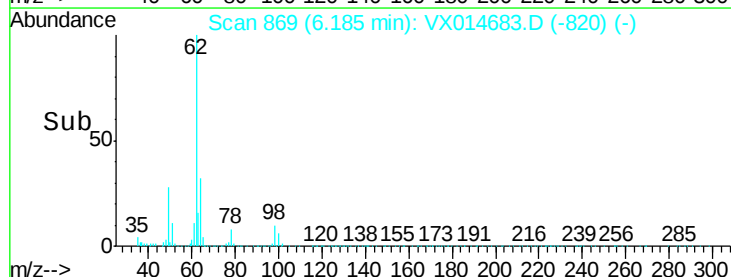
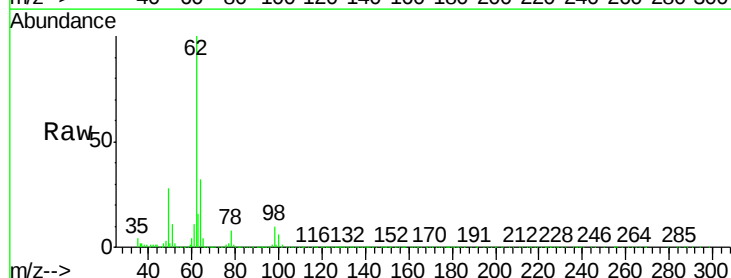
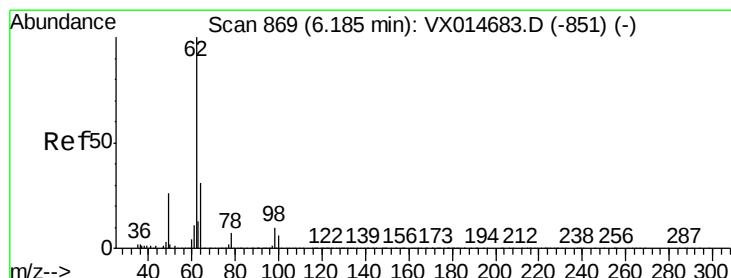
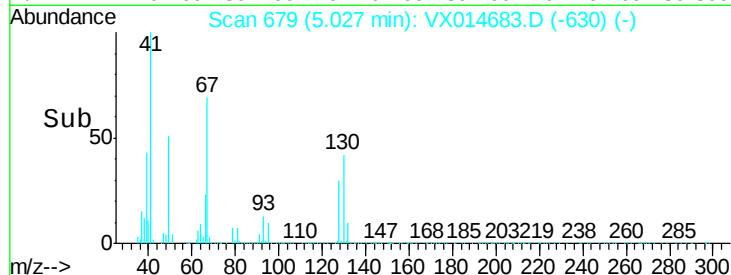
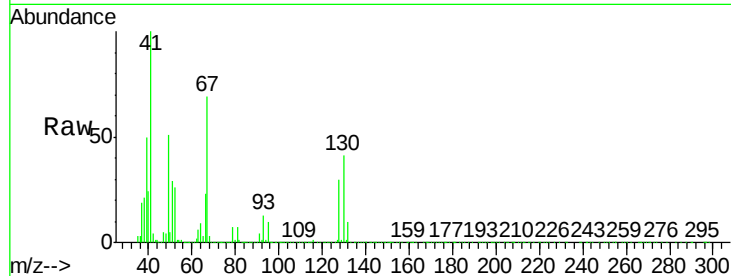
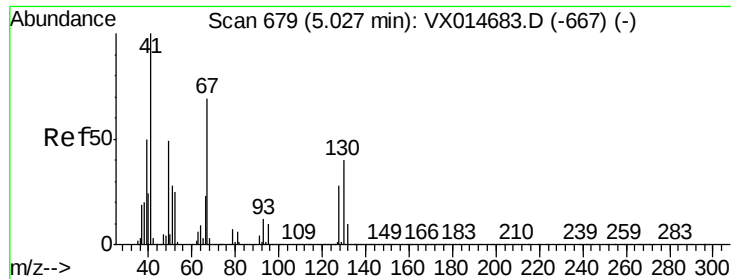
MMDadoda
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#40
Benzene
Concen: 52.686 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

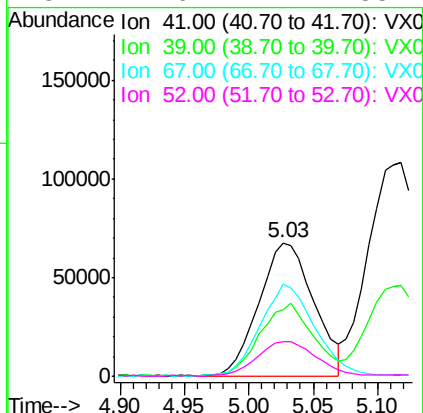
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





#41
Methacrylonitrile
Concen: 55.290 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		199009		
39	52.7	42.2	63.2		
67	69.2	55.4	83.0		
52	27.6	22.1	33.1		



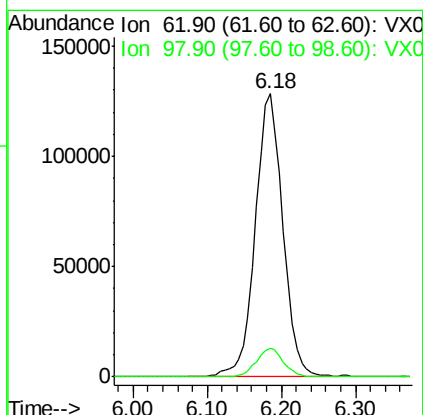
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

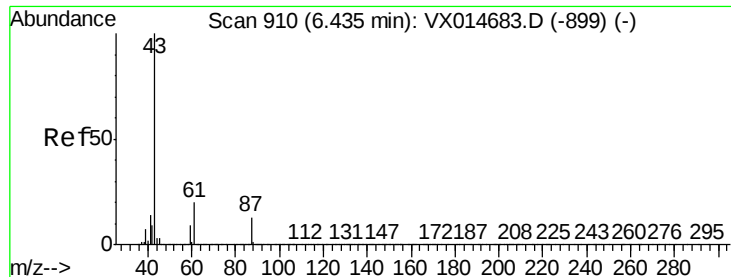
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 51.527 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		330841		
98	10.0	0.0	20.0		





#43

Isopropyl Acetate

Concen: 53.419 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

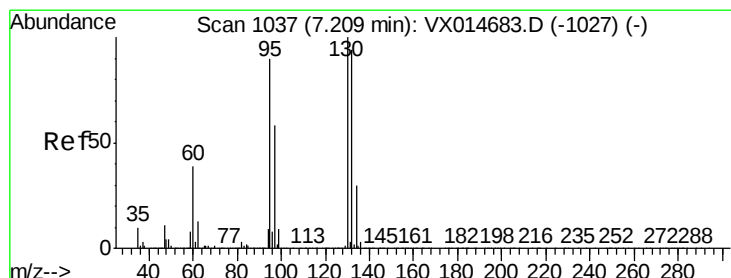
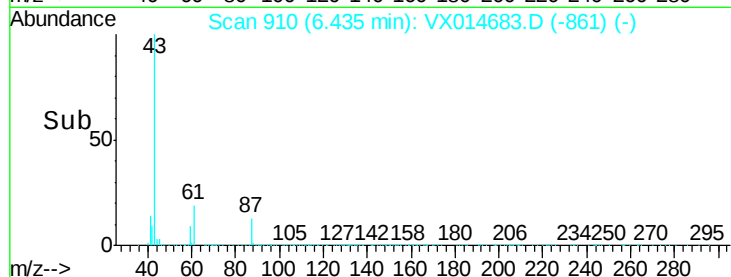
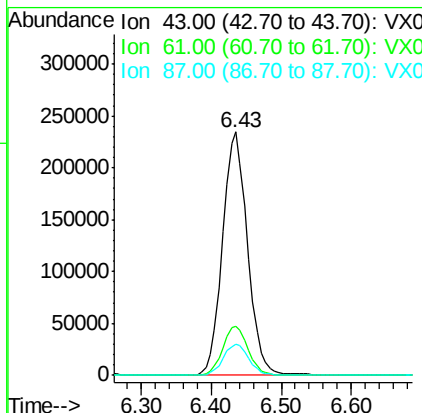
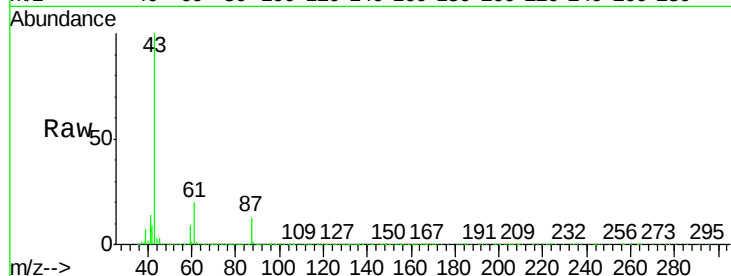
ClientSampleId :

VSTDICCC050

Tot Ion	43	Resp	578541
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.2	24.4
87	13.1	10.5	15.7

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#44

Trichloroethene

Concen: 50.962 ug/l

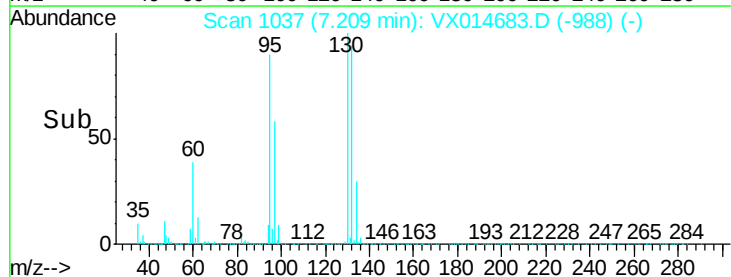
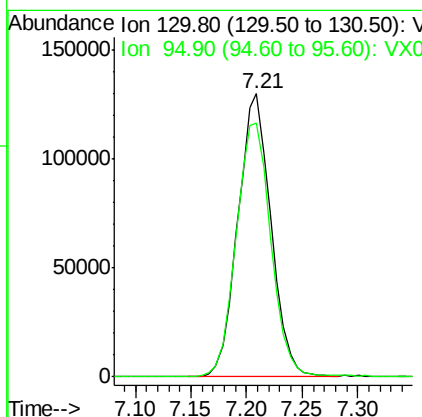
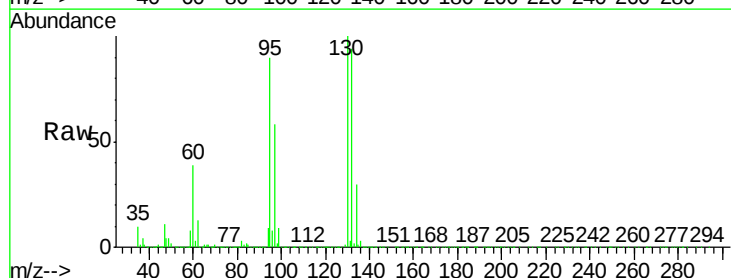
RT: 7.21 min Scan# 1037

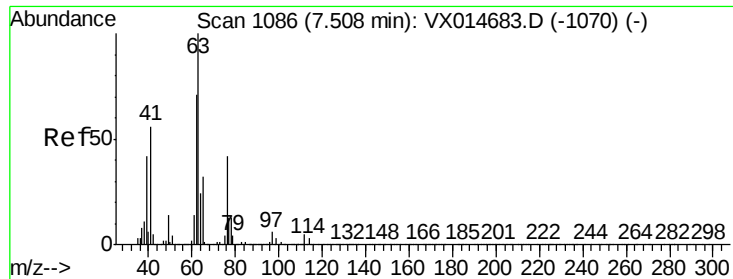
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion	130	Resp	267374
Ion Ratio	Lower	Upper	
130	100		
95	89.9	0.0	179.8





#45

1,2-Dichloropropane

Concen: 53.241 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 249190

Ion Ratio Lower Upper

63 100

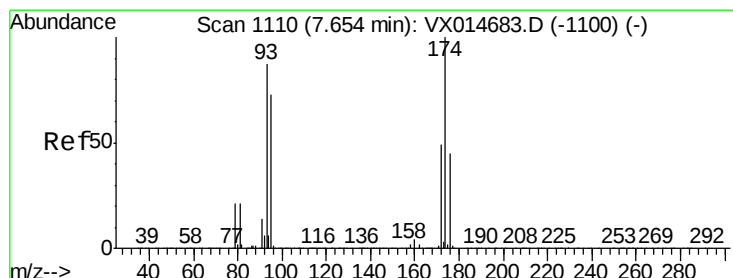
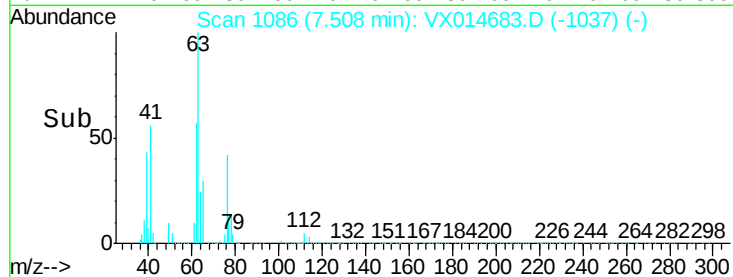
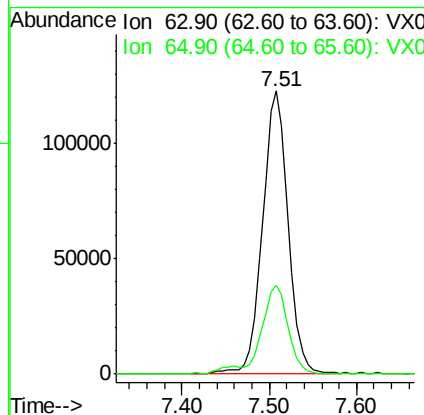
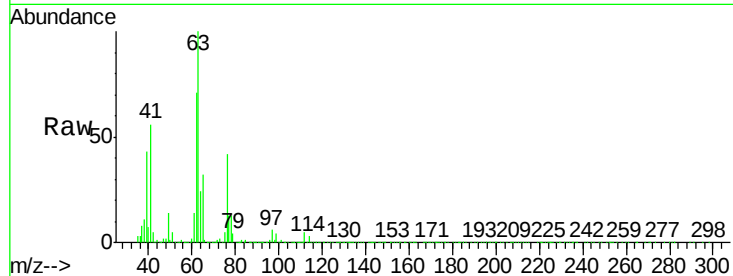
65 31.5 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.807 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

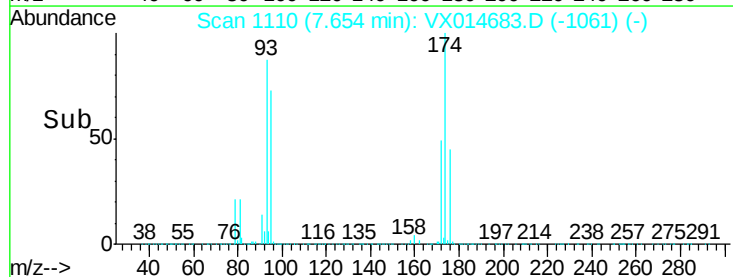
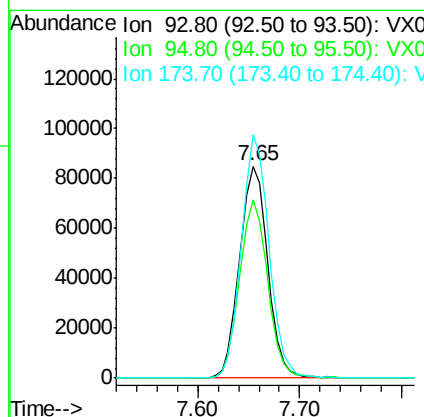
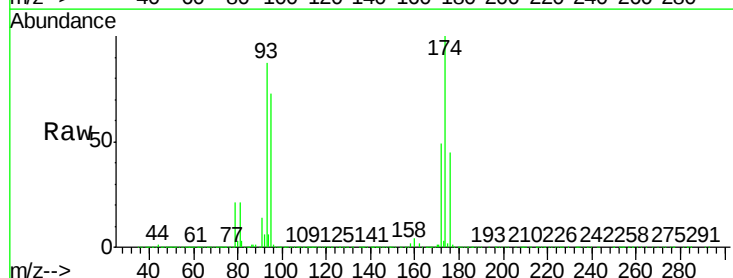
Tgt Ion: 93 Resp: 162171

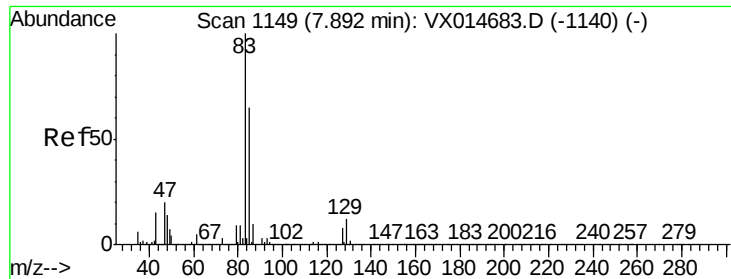
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 112.7 90.2 135.2





#47

Bromodichloromethane

Concen: 53.960 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

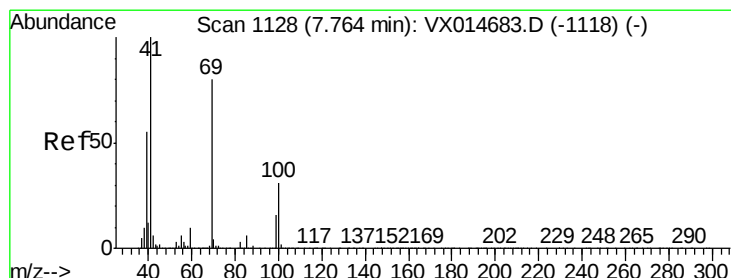
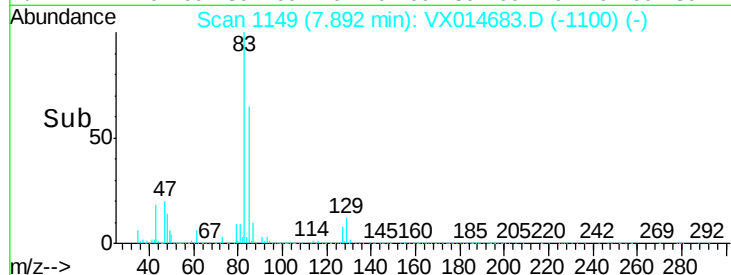
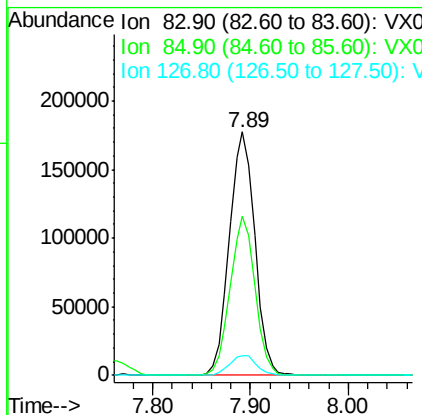
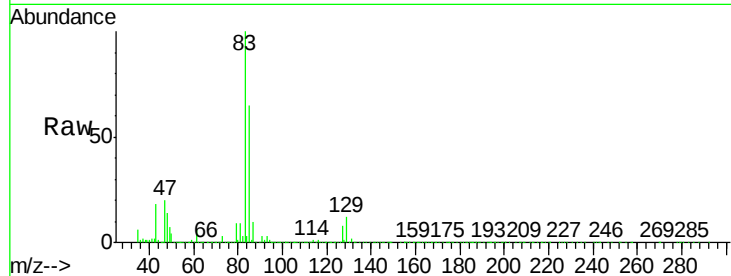
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	320611
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.2	78.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.825 ug/l

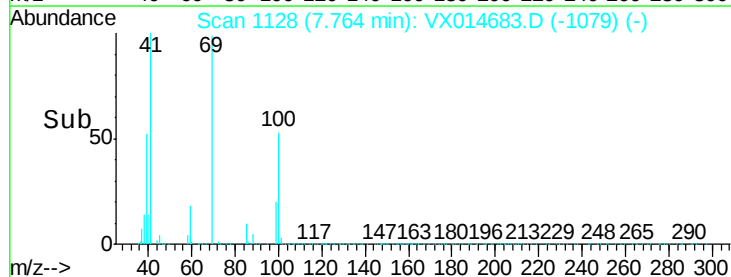
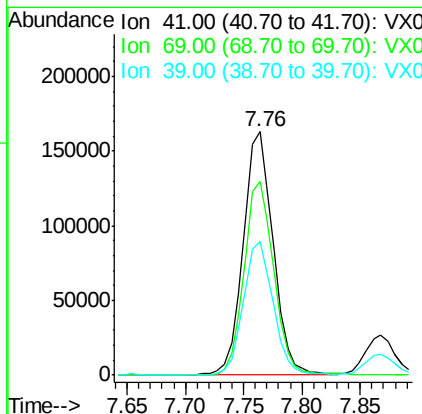
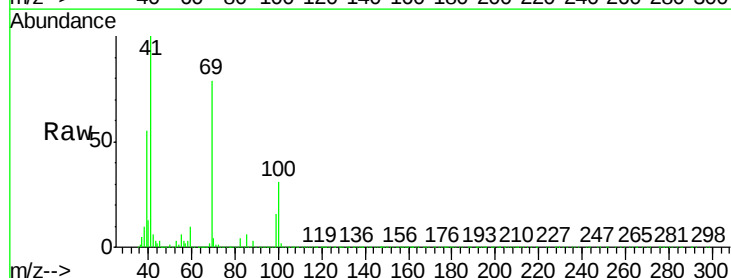
RT: 7.76 min Scan# 1128

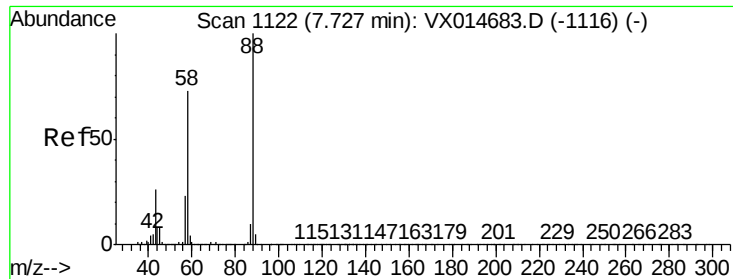
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion:	41	Resp:	290638
Ion Ratio	Lower	Upper	
41	100		
69	79.4	63.5	95.3
39	54.6	43.7	65.5





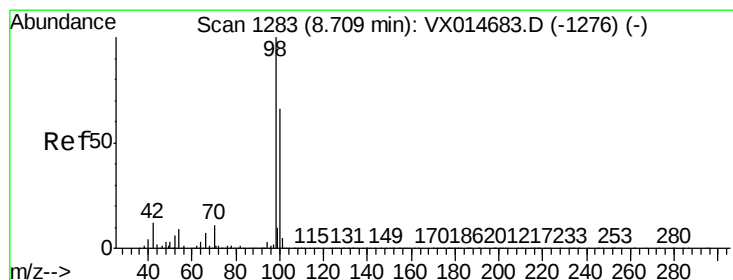
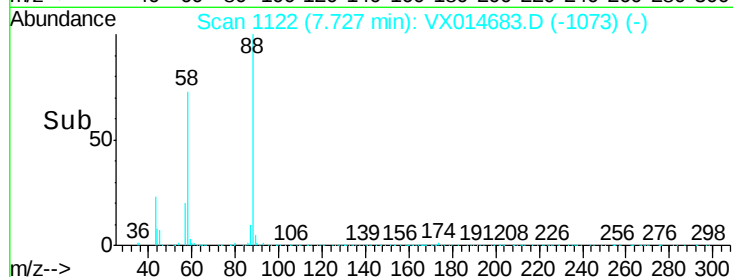
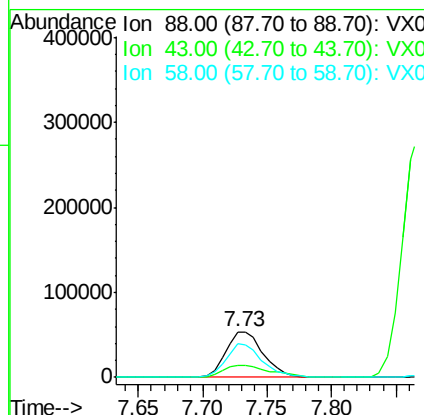
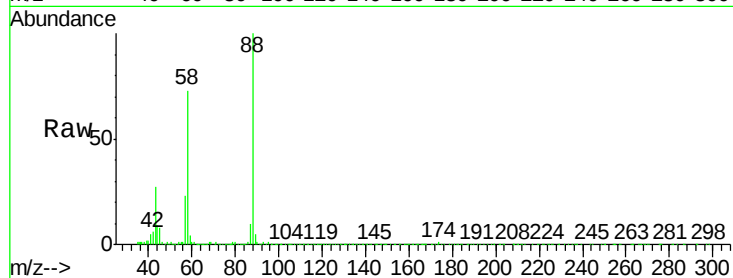
#49
1,4-Dioxane
Concen: 990.015 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.2	39.2
58	70.8	56.6	85.0

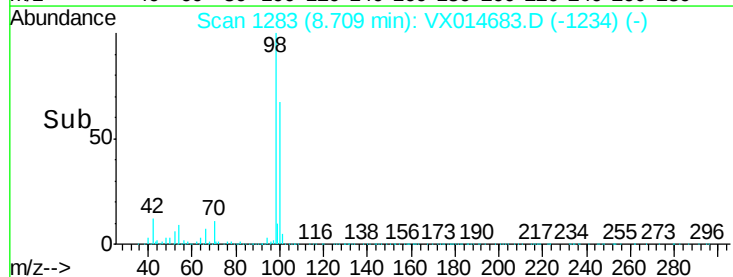
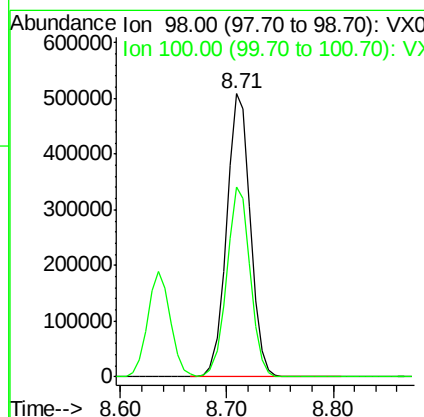
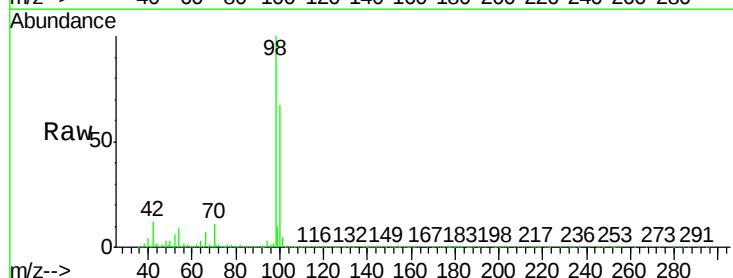
Manual Integrations
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#50
Toluene-d8
Concen: 51.111 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 273.952 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1814166

Ion Ratio Lower Upper

43 100

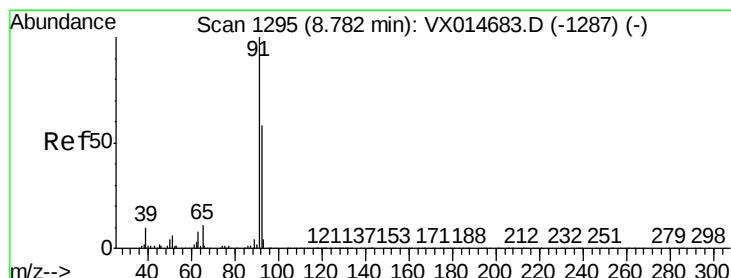
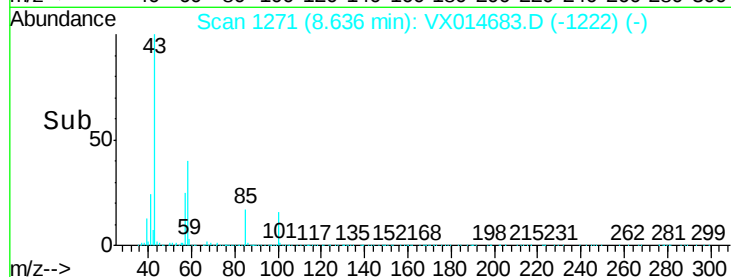
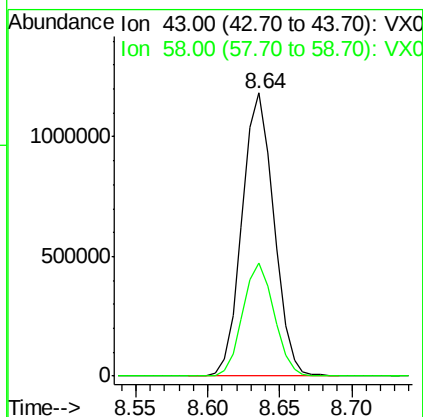
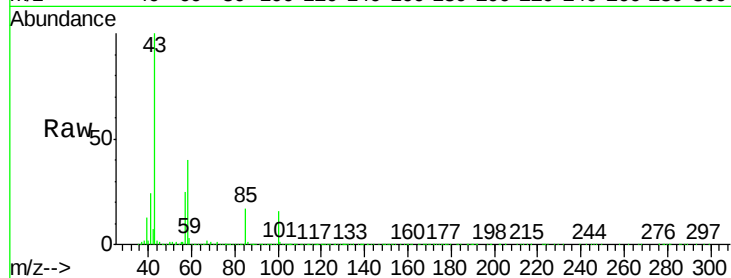
58 39.5 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 51.702 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014683.D

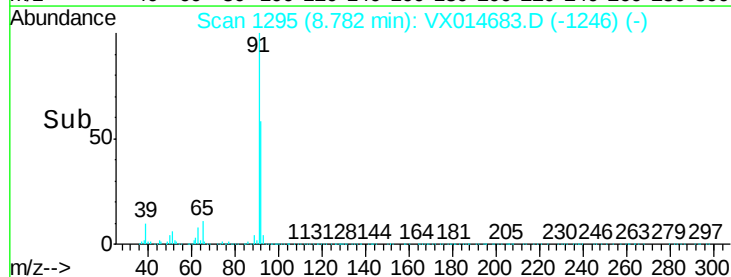
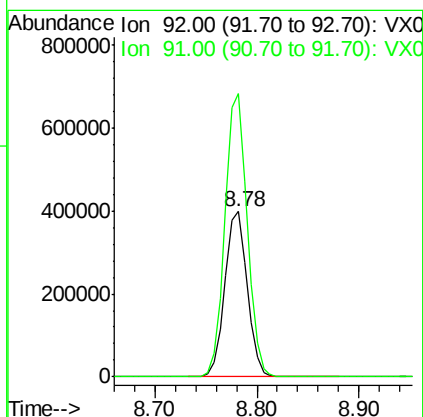
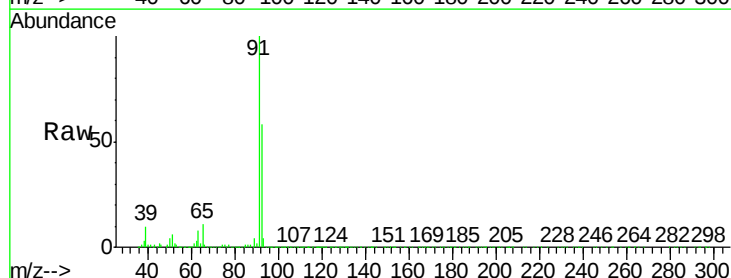
Acq: 22 Jan 2020 11:27

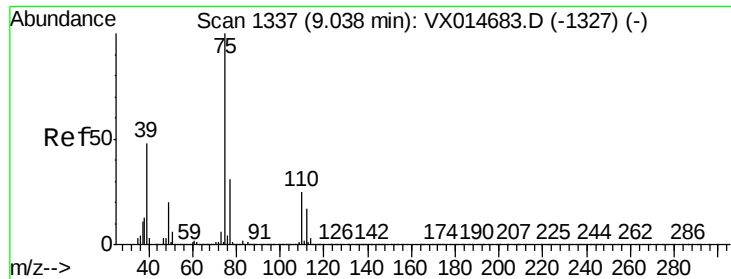
Tgt Ion: 92 Resp: 604621

Ion Ratio Lower Upper

92 100

91 169.9 135.9 203.9





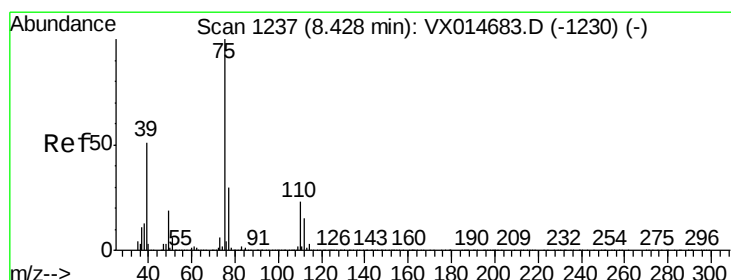
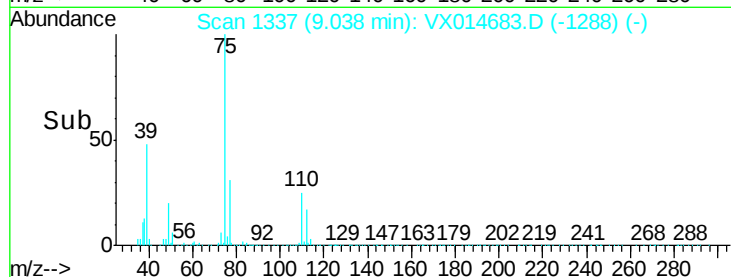
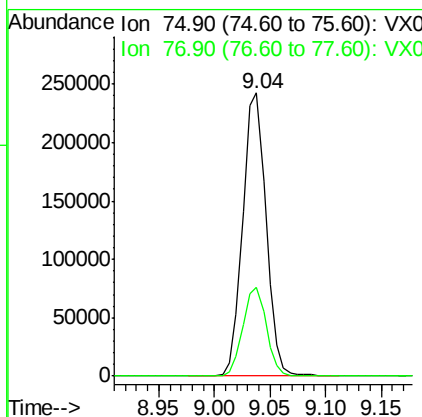
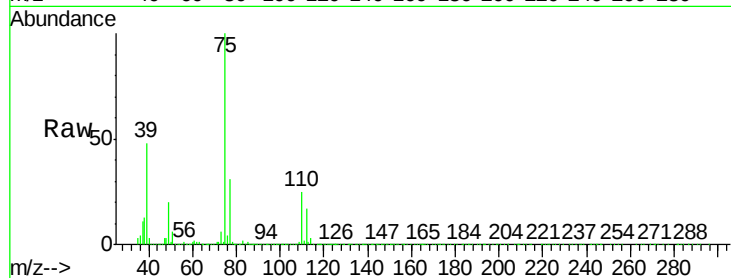
#53
t-1,3-Dichloropropene
Concen: 51.596 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3

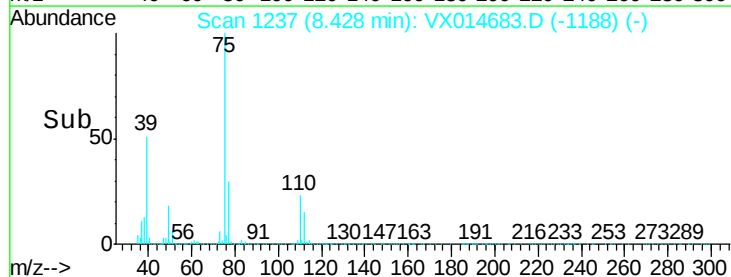
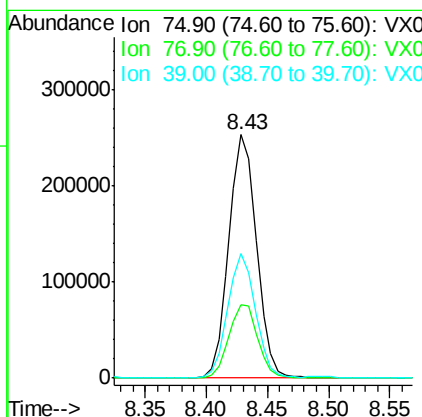
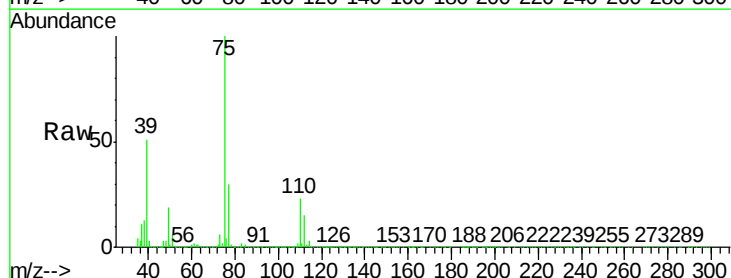
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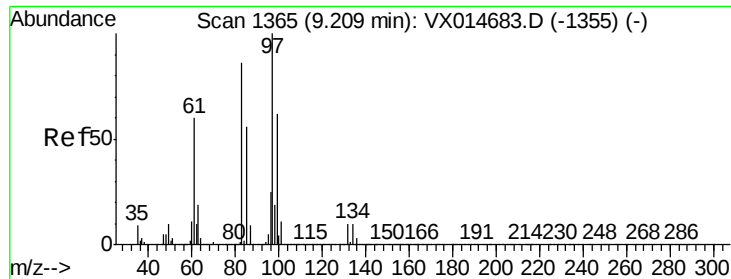
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#54
cis-1,3-Dichloropropene
Concen: 53.255 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	23.9	35.9
39	51.1	40.9	61.3





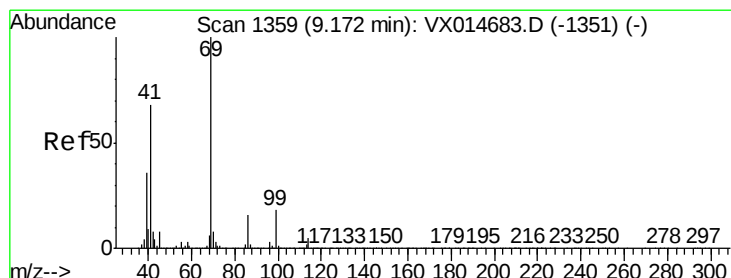
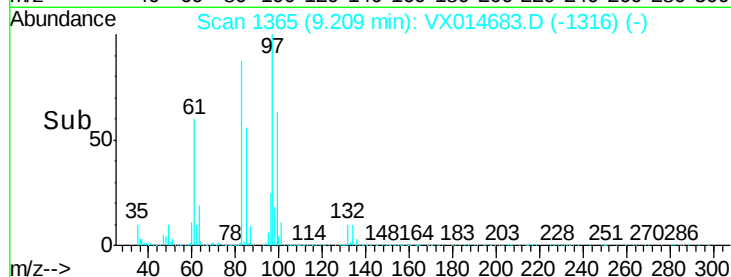
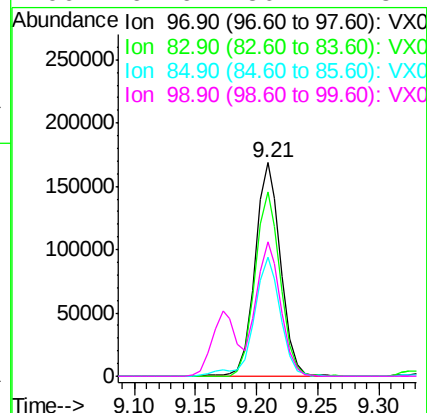
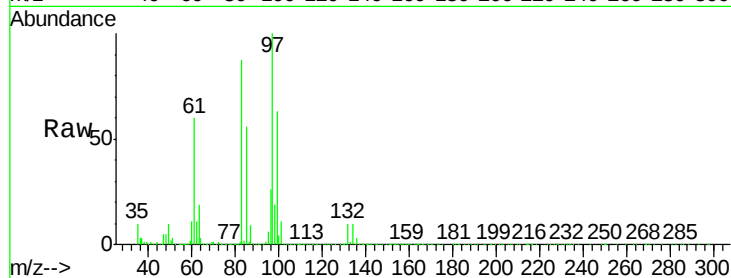
#55
 1,1,2-Trichloroethane
 Concen: 52.003 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		244986		
83	86.5	69.2	103.8		
85	55.8	44.6	67.0		
99	62.6	50.1	75.1		

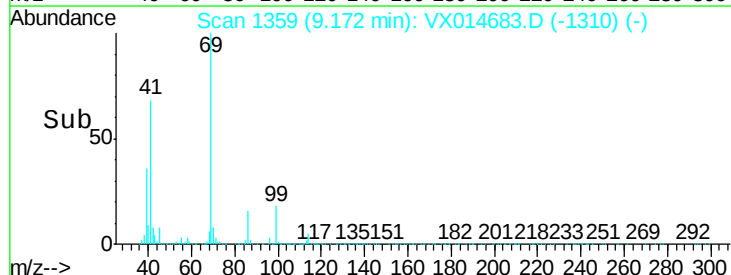
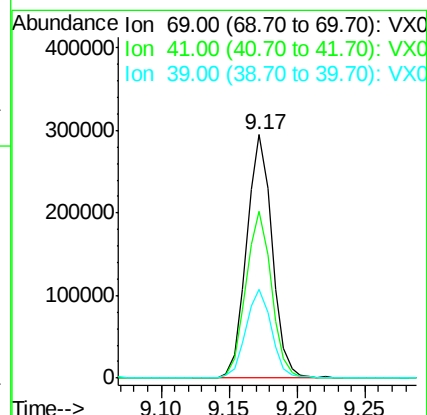
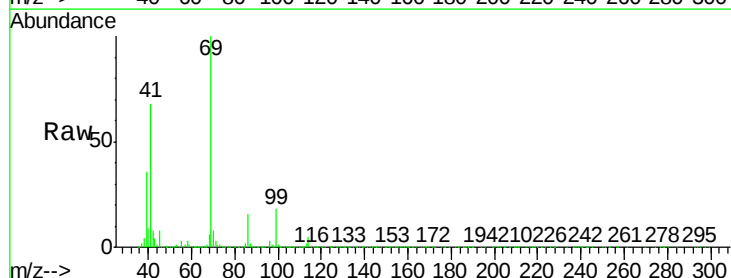
Manual Integrations
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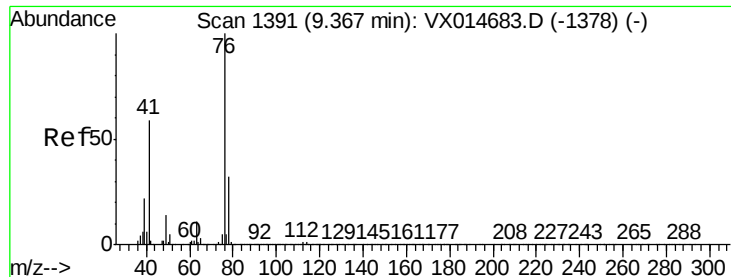
MMDadoda
 1/24/2020 1:39:06 PM



#56
 Ethyl methacrylate
 Concen: 53.876 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		386988		
41	68.6	54.9	82.3		
39	36.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 52.250 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 412447

Ion Ratio Lower Upper

76 100

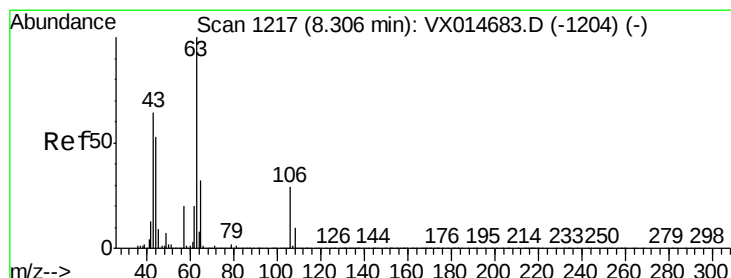
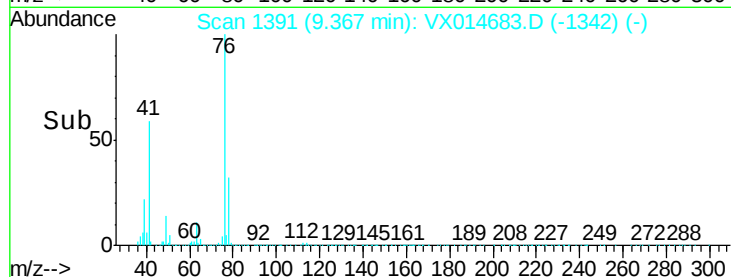
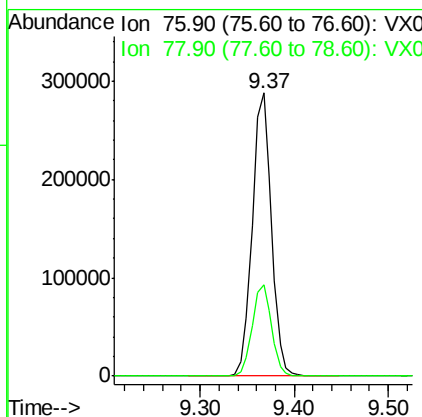
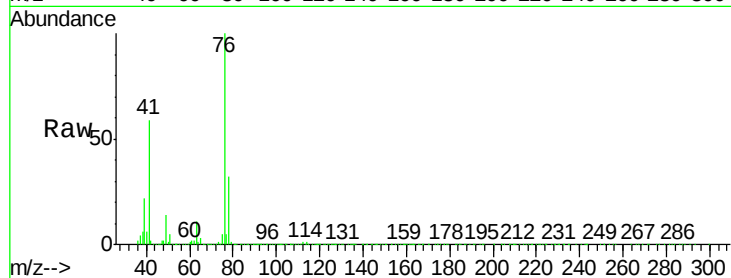
78 32.5 26.0 39.0

Manual Integrations

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1/24/2020 1:39:06 PM



#58

2-Chloroethyl Vinyl ether

Concen: 266.776 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014683.D

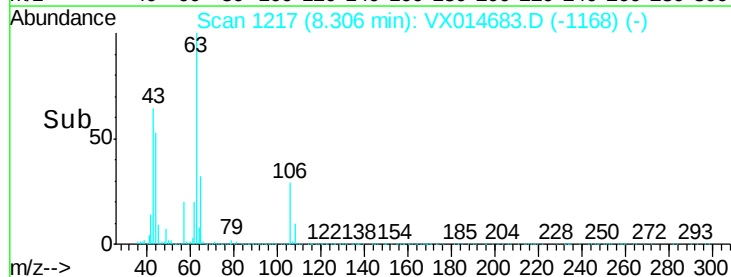
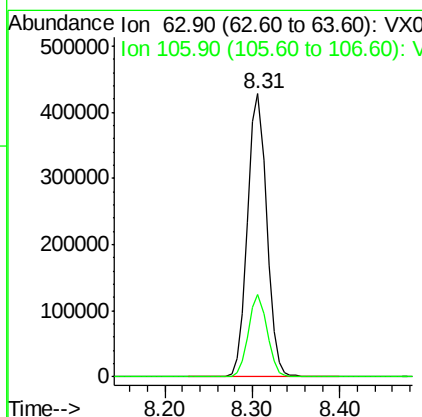
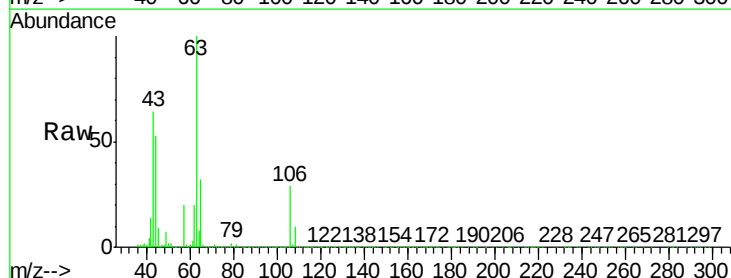
Acq: 22 Jan 2020 11:27

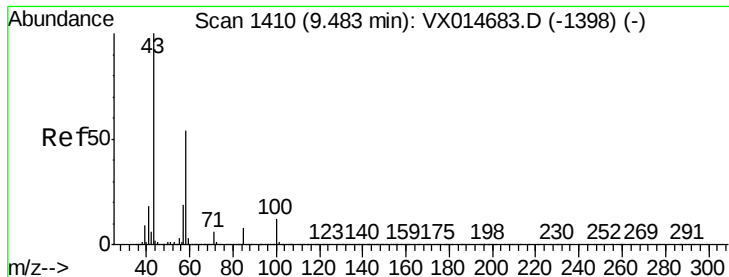
Tgt Ion: 63 Resp: 652861

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





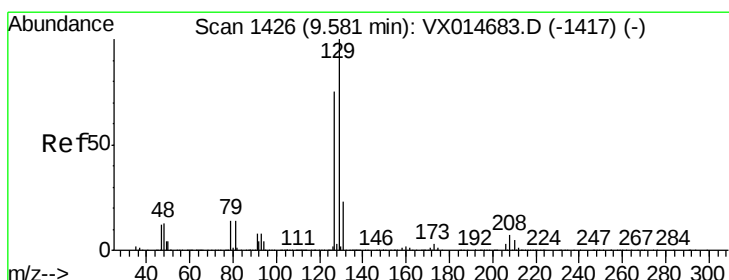
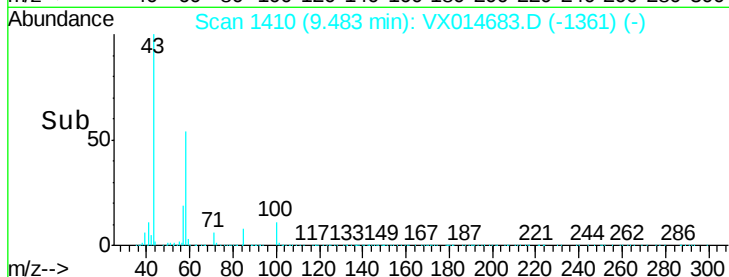
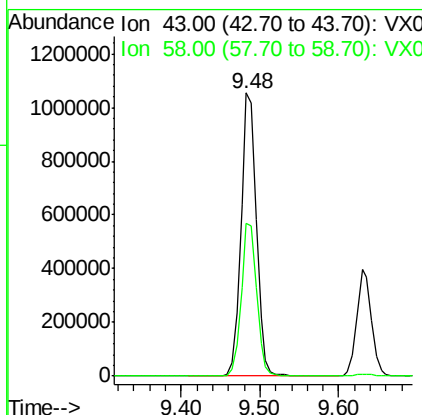
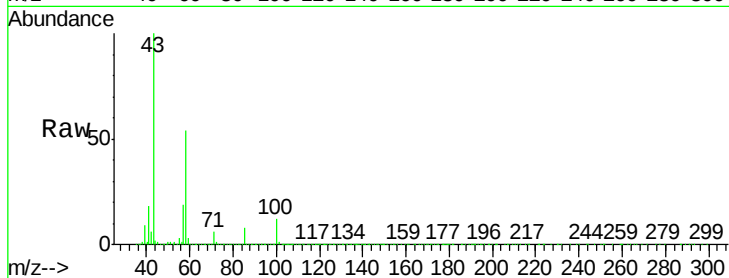
#59
2-Hexanone
Concen: 273.685 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1432211
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5

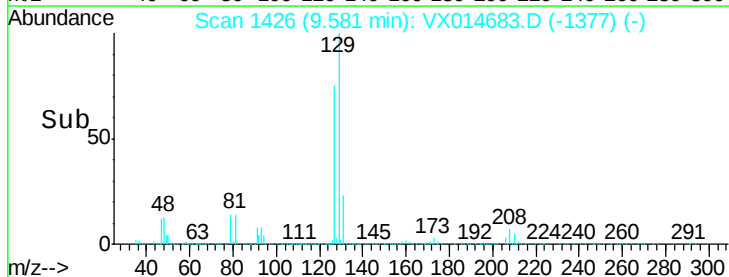
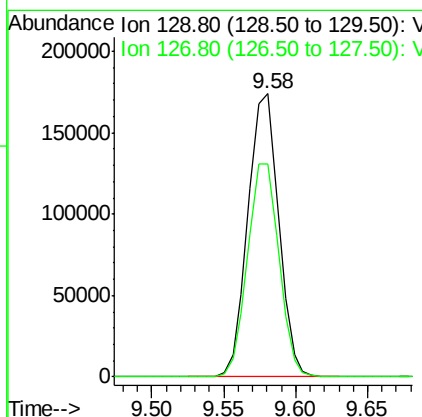
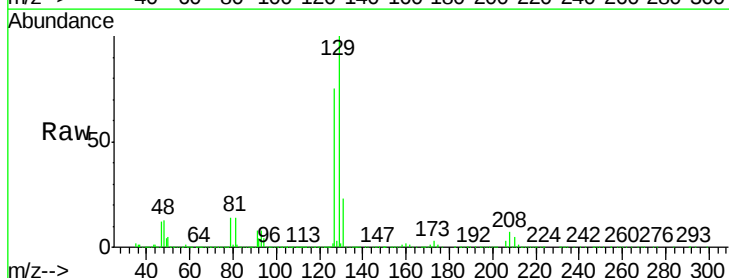
Manual Integrations
APPROVED

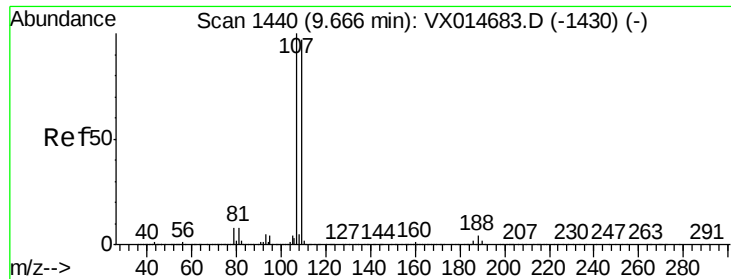
MMDadoda
1/24/2020 1:39:06 PM



#60
Dibromochloromethane
Concen: 54.384 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion: 129 Resp: 257100
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





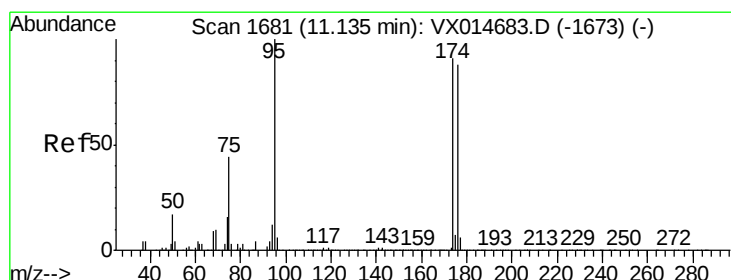
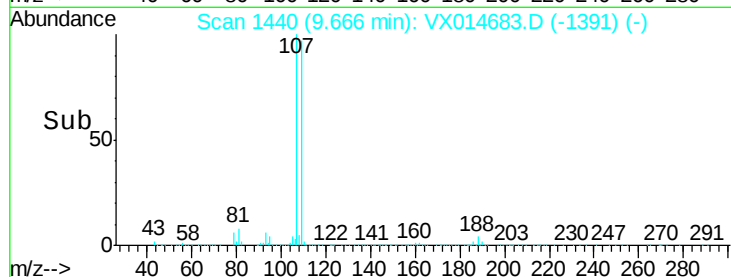
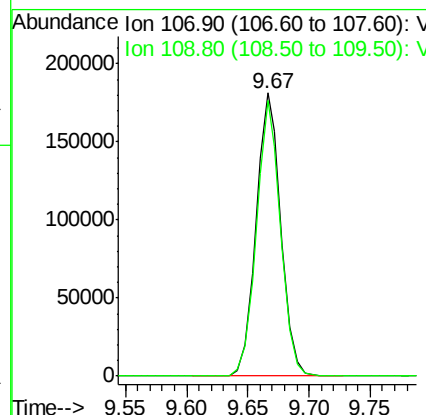
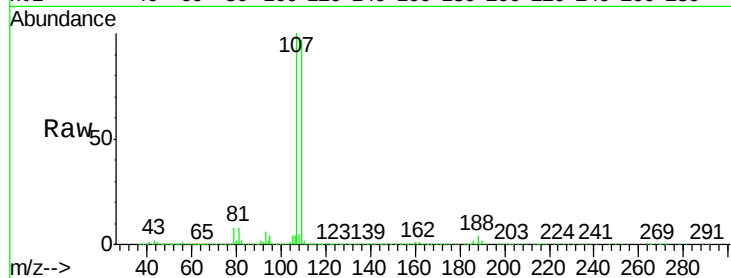
#61
 1,2-Dibromoethane
 Concen: 51.097 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.2	114.2

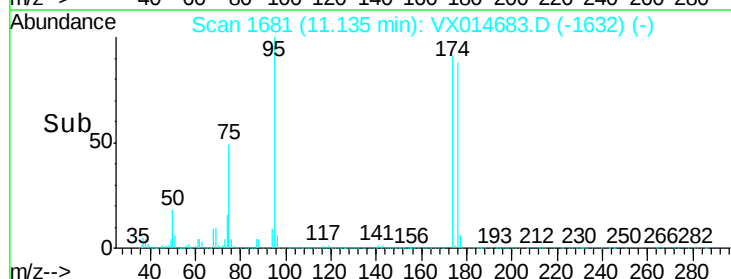
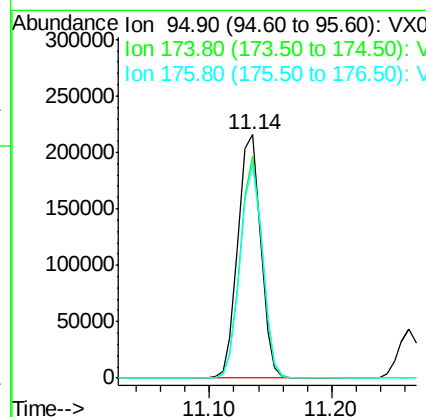
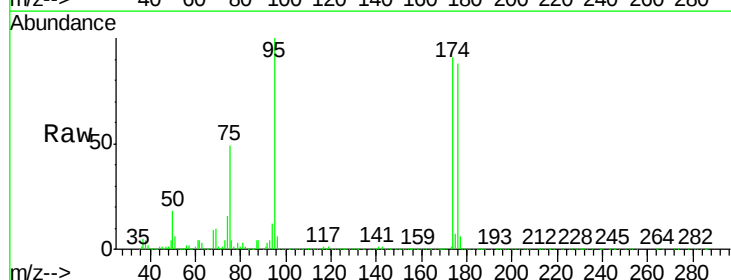
Manual Integrations
 APPROVED

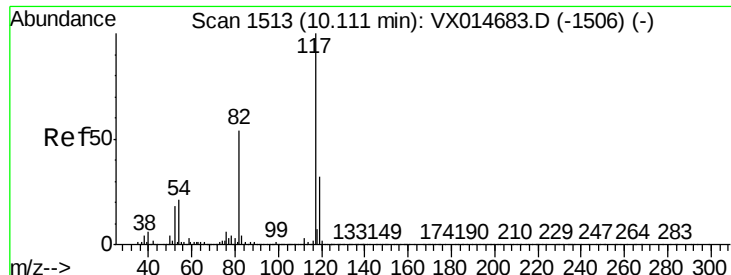
MMDadoda
 1/24/2020 1:39:06 PM



#62
 4-Bromofluorobenzene
 Concen: 49.308 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	176.0
176	86.1	0.0	172.2





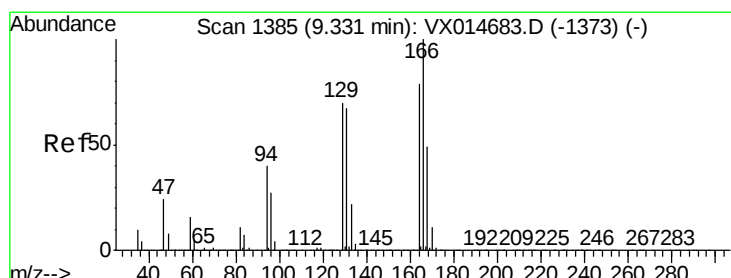
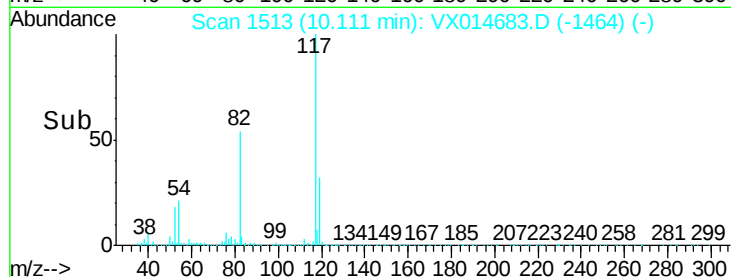
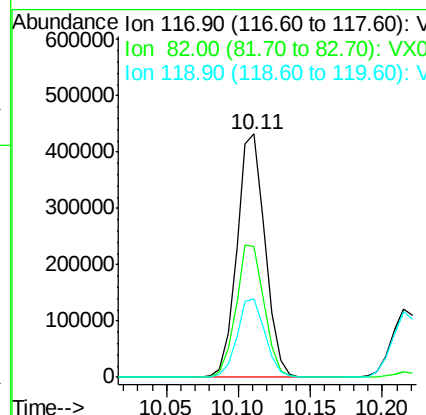
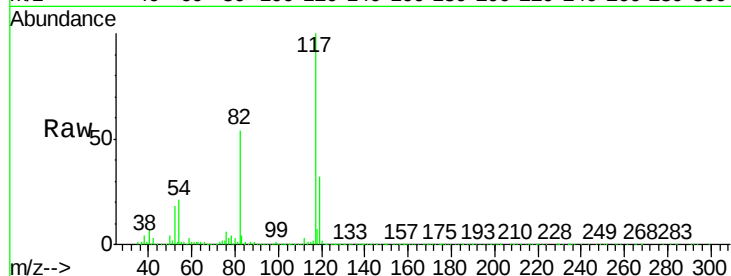
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.0	43.2	64.8
119	32.2	25.8	38.6

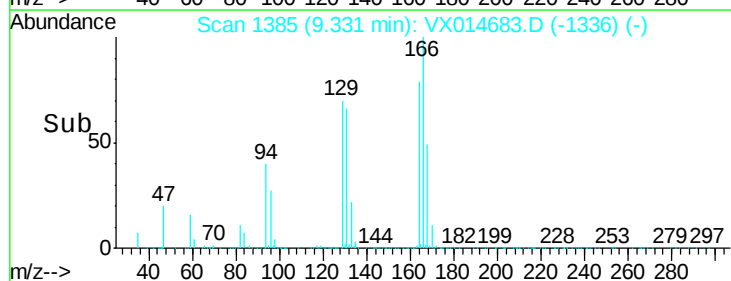
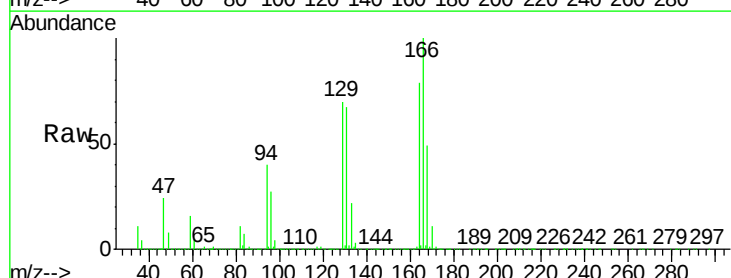
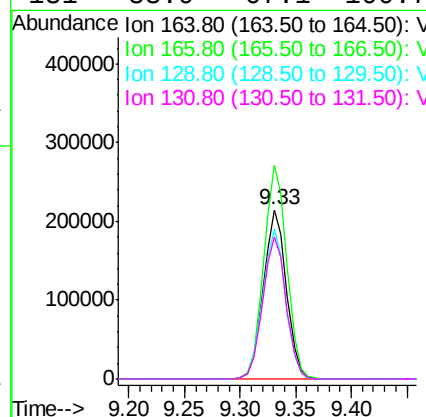
Manual Integrations
APPROVED

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1/24/2020 1:39:06 PM



#64
Tetrachloroethene
Concen: 52.147 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.1	100.9	151.3
129	88.8	71.0	106.6
131	83.9	67.1	100.7





#65

Chlorobenzene

Concen: 50.034 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 643451

Ion Ratio Lower Upper

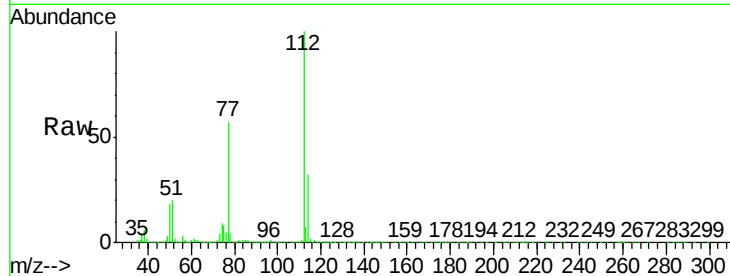
112 100

114 32.3 25.8 38.8

Manual Integrations
APPROVED

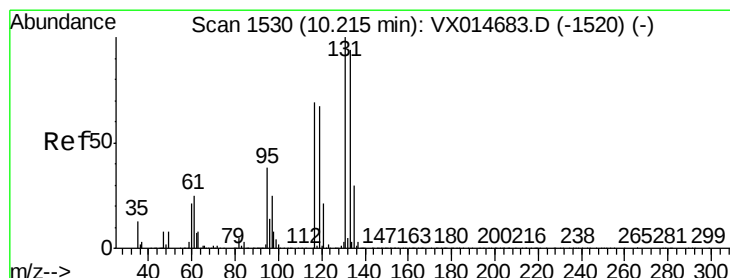
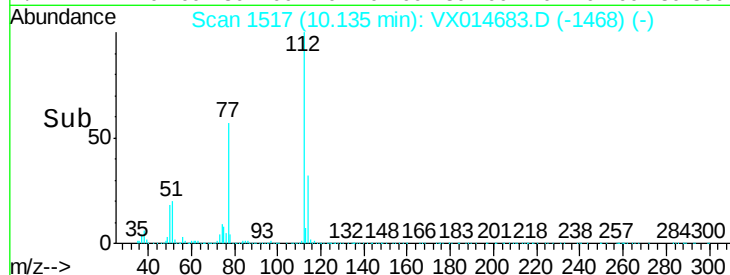
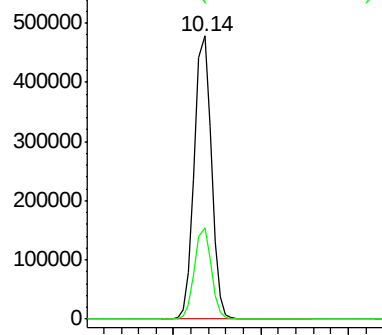
MMDadoda

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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: 51.424 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

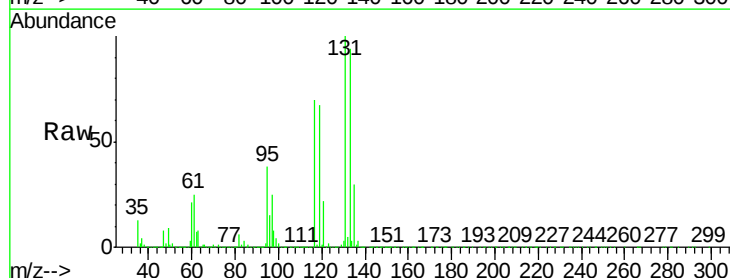
Tgt Ion:131 Resp: 236012

Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

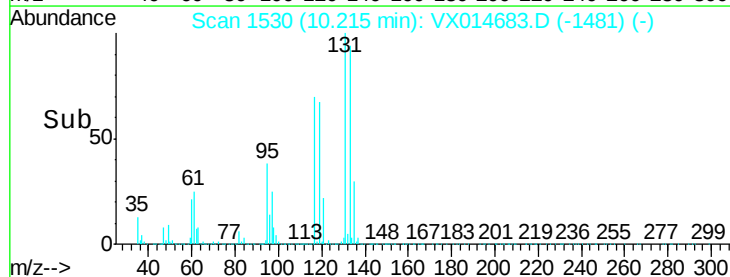
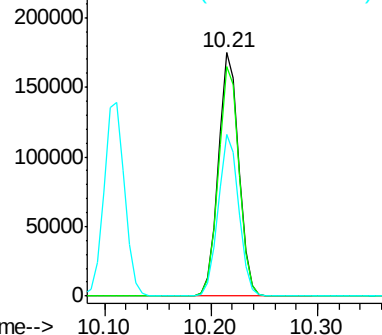
119 66.5 33.3 99.8

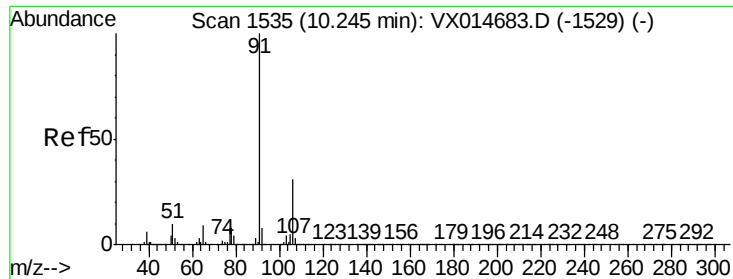


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





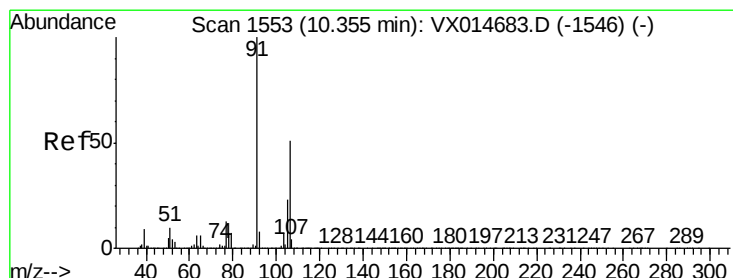
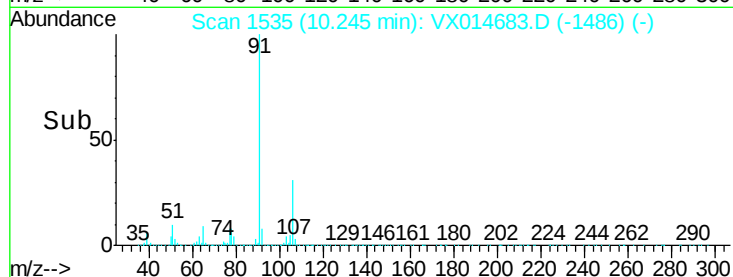
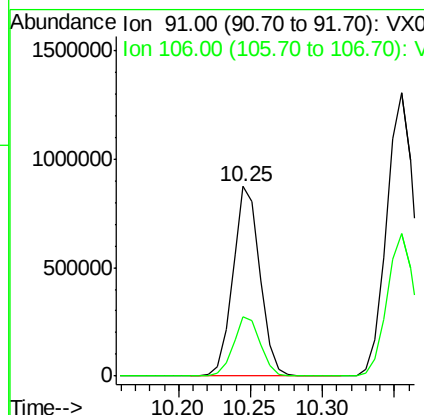
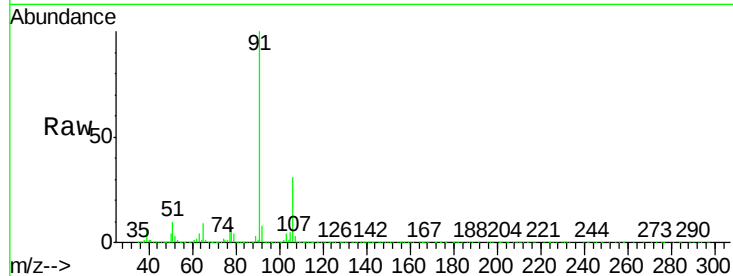
#67
Ethyl Benzene
Concen: 52.075 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1143572
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

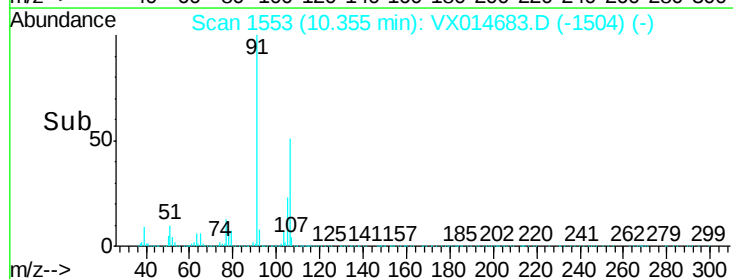
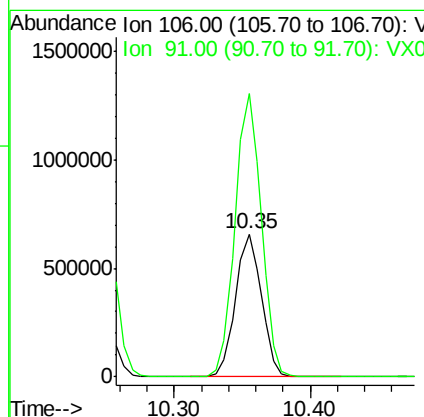
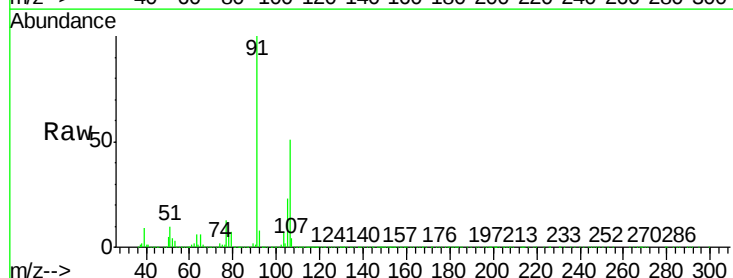
Manual Integrations
APPROVED

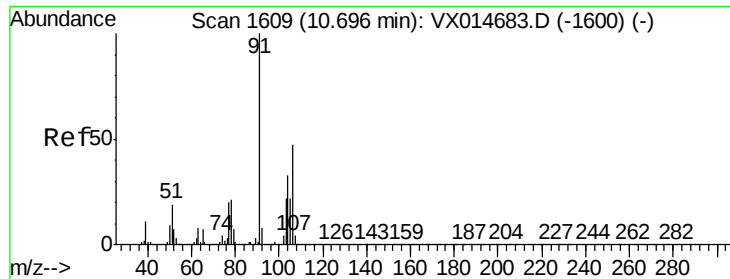
MMDadoda
1/24/2020 1:39:06 PM



#68
m/p-Xylenes
Concen: 103.742 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion: 106 Resp: 878456
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2





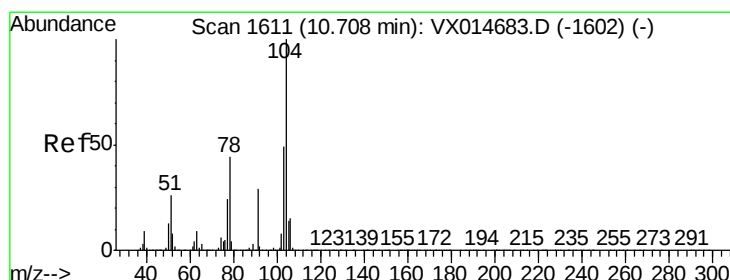
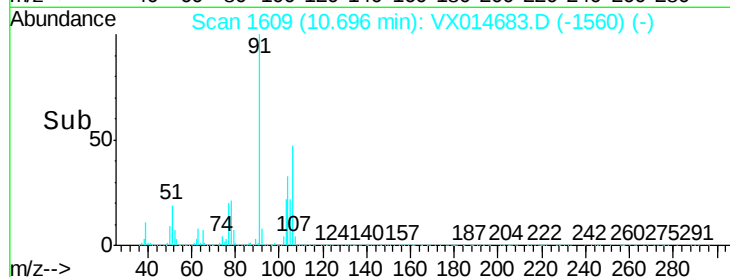
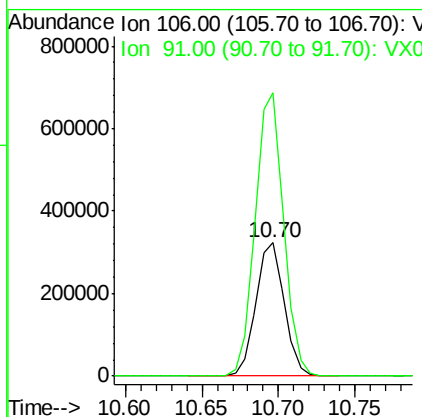
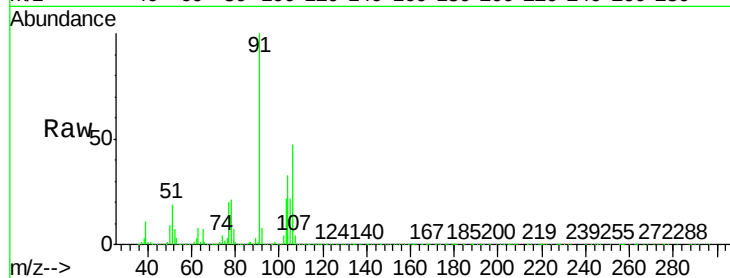
#69
o-Xylene
Concen: 51.781 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.4	106.2	318.6

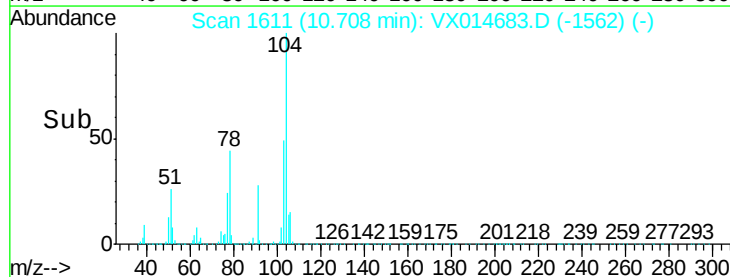
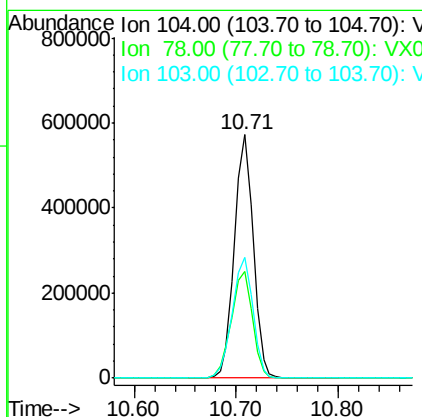
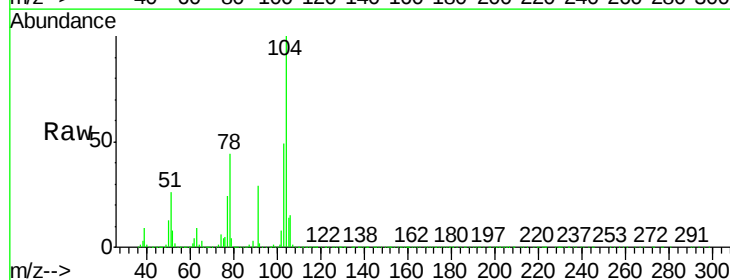
Manual Integrations
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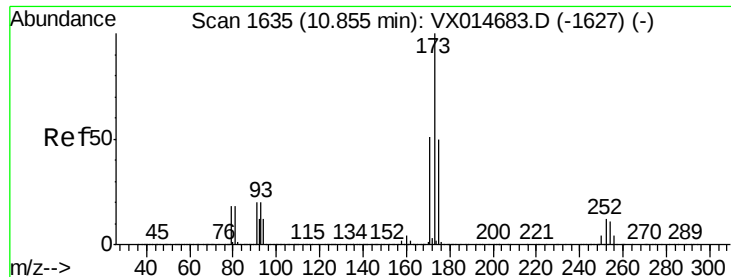
MMDadoda
1/24/2020 1:39:06 PM



#70
Styrene
Concen: 52.286 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	54.4	43.5	65.3





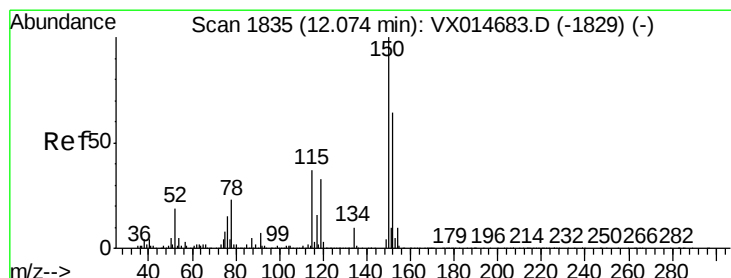
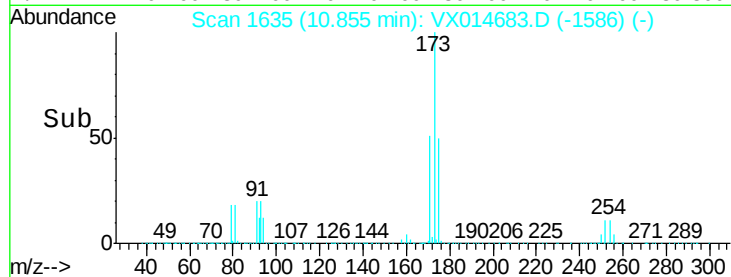
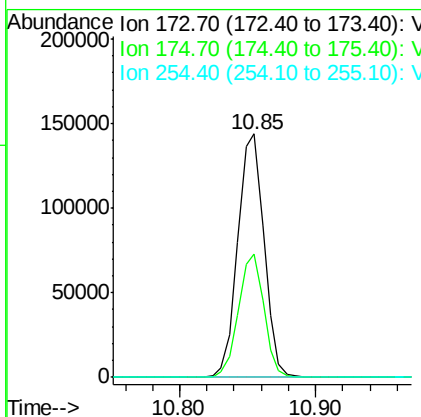
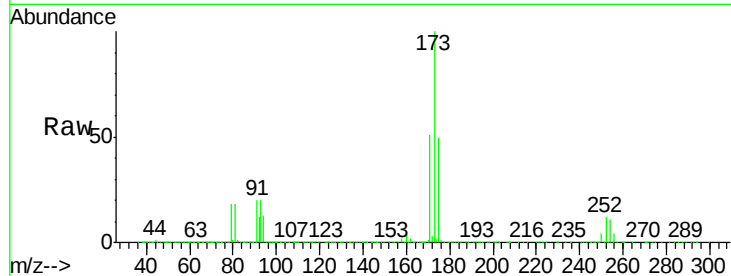
#71
Bromoform
Concen: 51.944 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.1	0.1	0.1

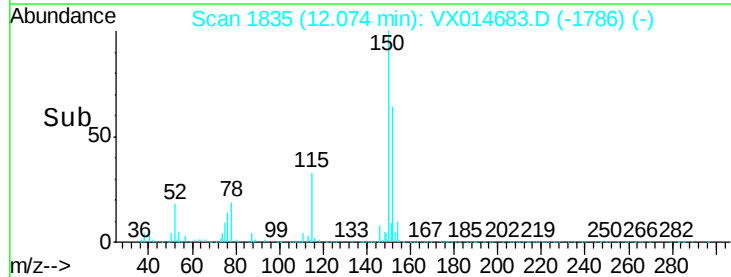
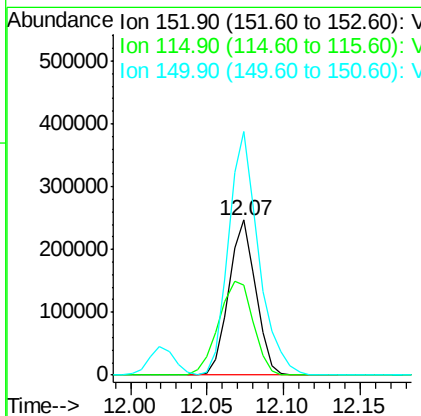
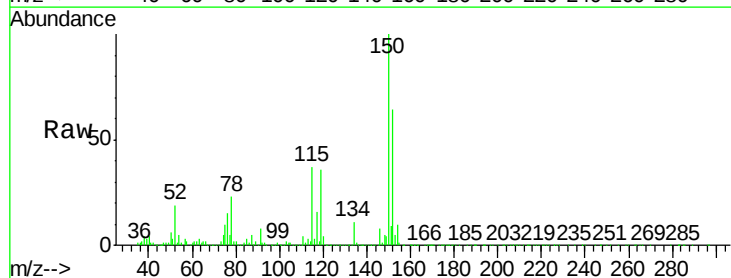
Manual Integrations
APPROVED

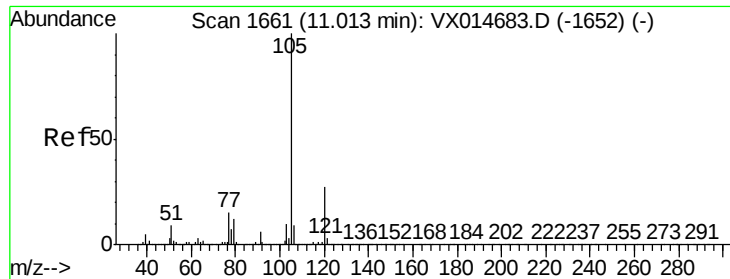
MMDadoda
1/24/2020 1:39:06 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	39.4	118.1
150	175.6	0.0	351.2





#73

Isopropylbenzene

Concen: 52.594 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 1116164

Ion Ratio Lower Upper

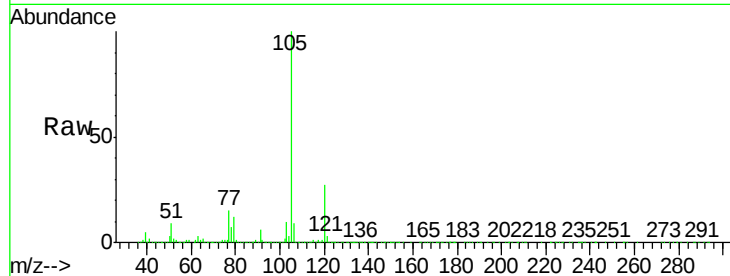
105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

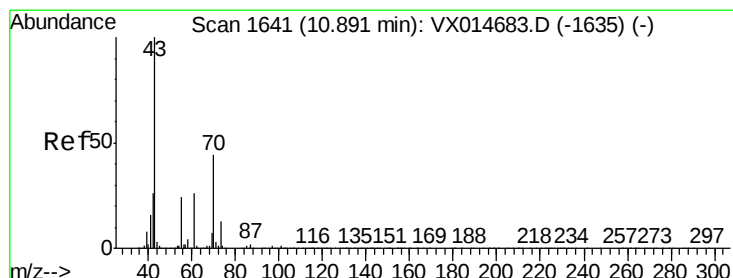
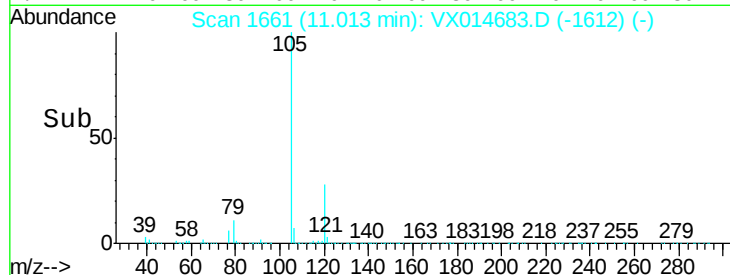
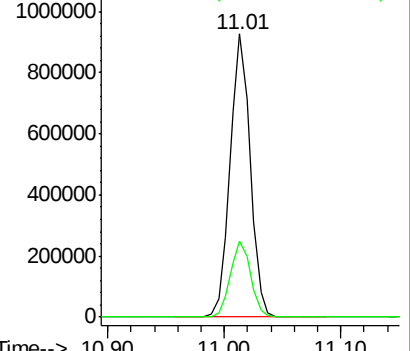
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.052 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion: 43 Resp: 495566

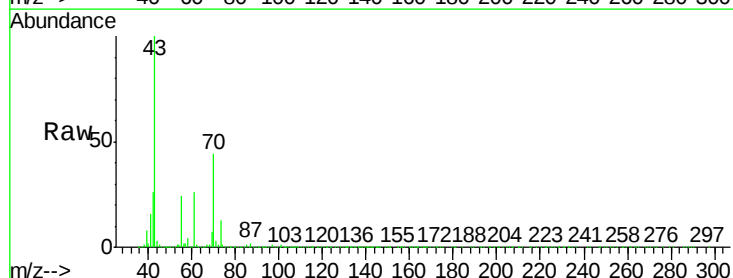
Ion Ratio Lower Upper

43 100

70 43.3 34.6 52.0

55 24.3 19.4 29.2

61 24.7 19.8 29.6

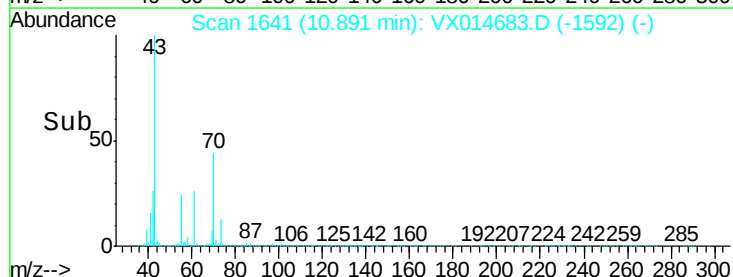
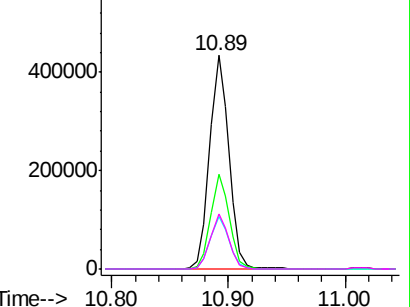


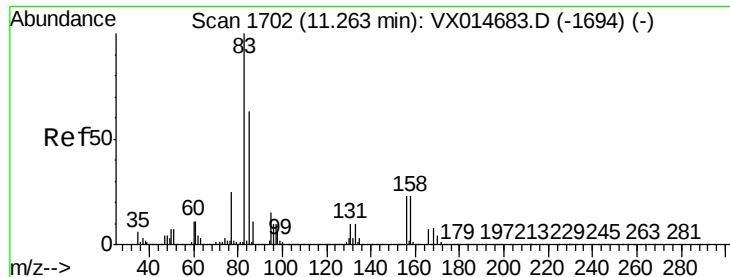
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.605 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

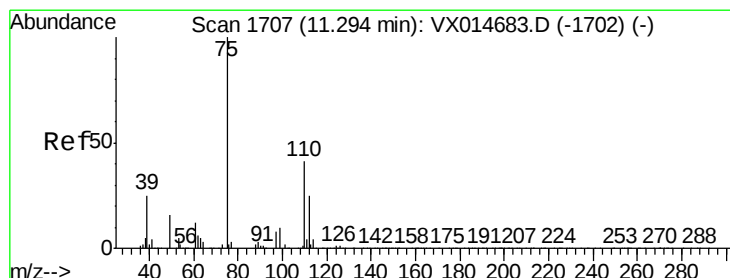
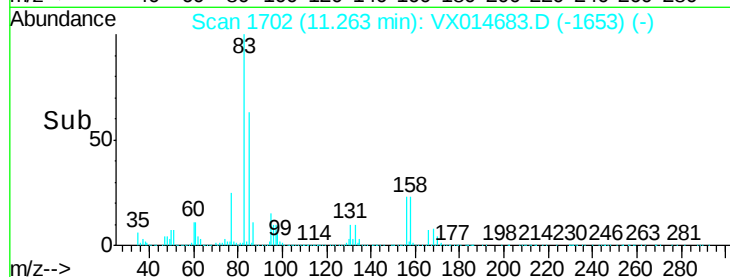
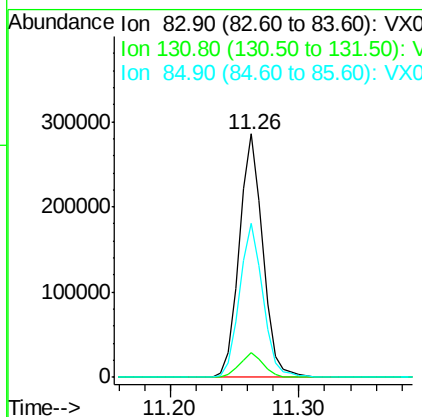
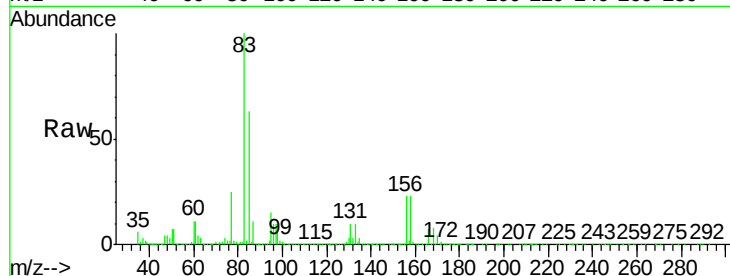
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	360167
Ion Ratio		Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.4	31.7	95.1

Manual Integrations
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1/24/2020 1:39:06 PM



#76

1,2,3-Trichloropropane

Concen: 55.403 ug/l m

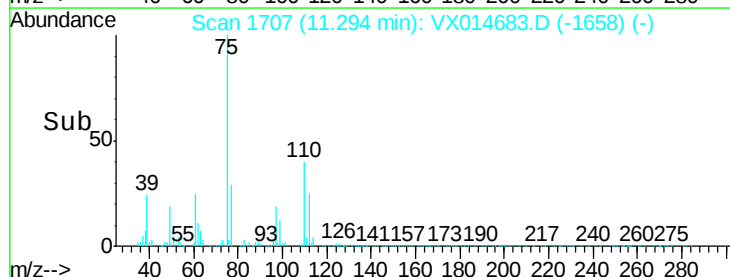
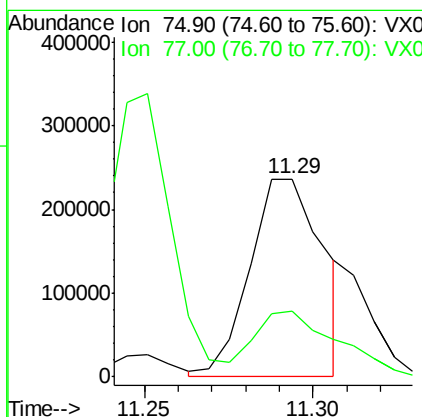
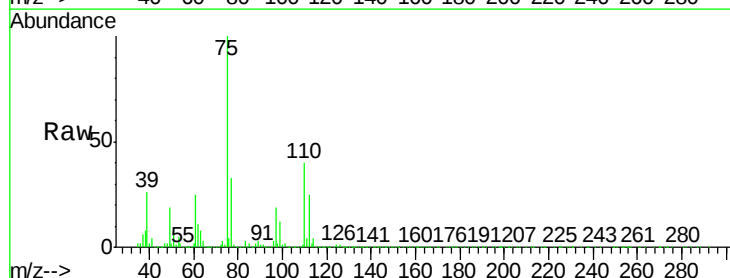
RT: 11.29 min Scan# 1707

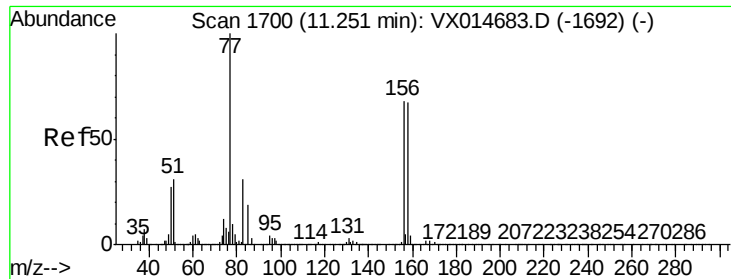
Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion:	75	Resp:	356924
Ion Ratio		Lower	Upper
75	100		
77	37.4	18.7	56.1





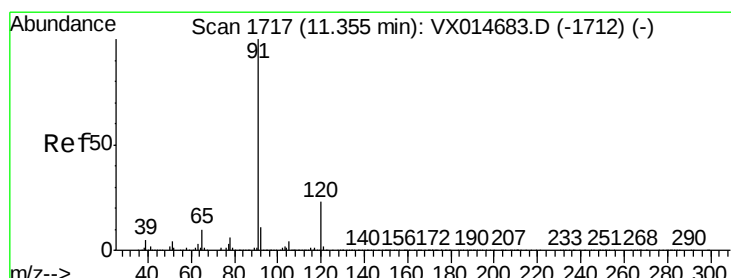
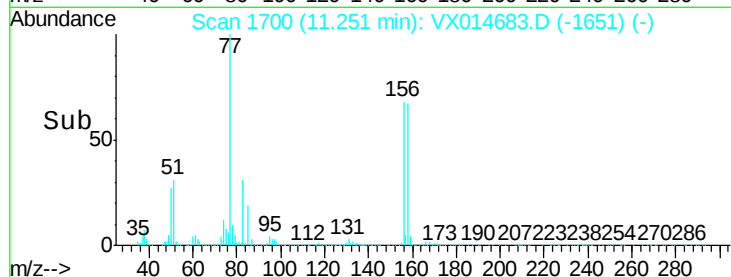
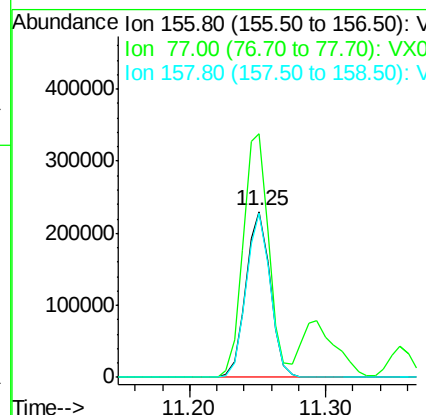
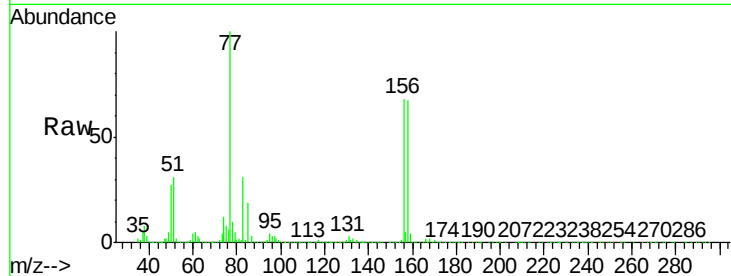
#77
Bromobenzene
Concen: 48.955 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.0	77.5	232.5
158	98.2	49.1	147.3

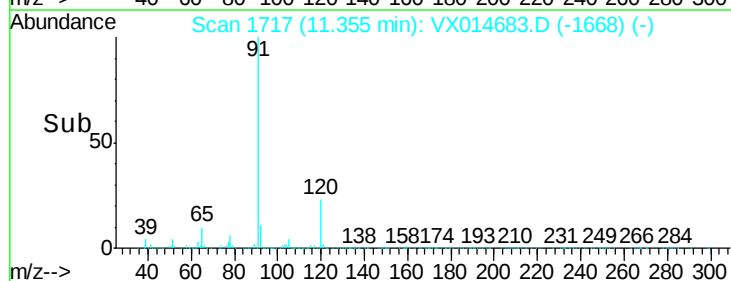
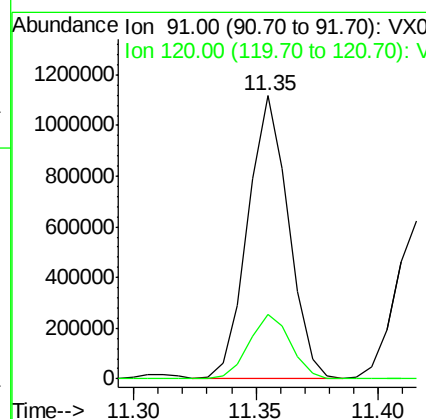
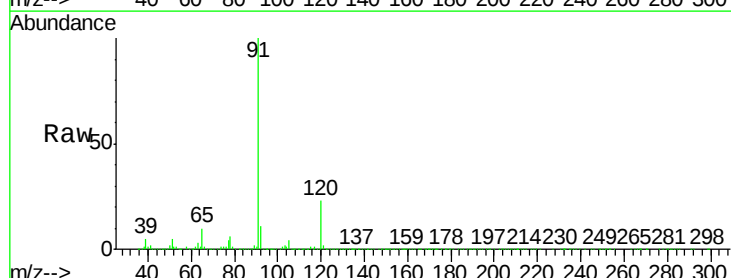
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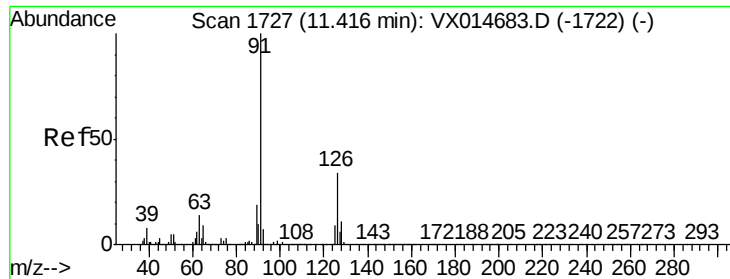
MMDadoda
1/24/2020 1:39:06 PM



#78
n-propylbenzene
Concen: 52.718 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





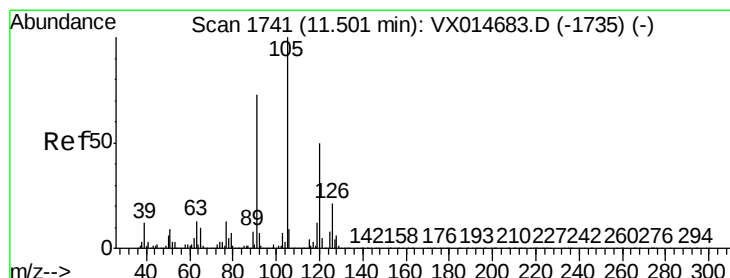
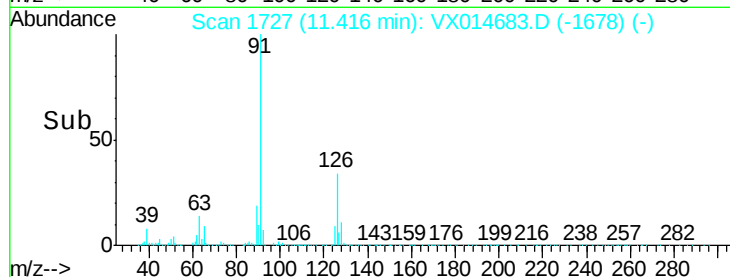
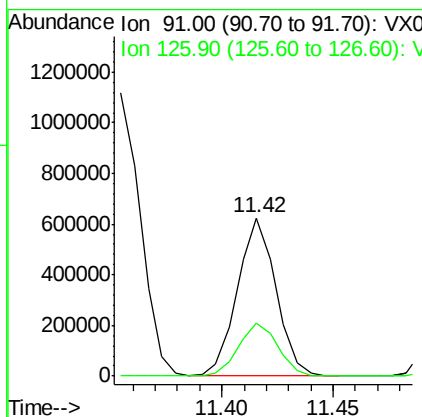
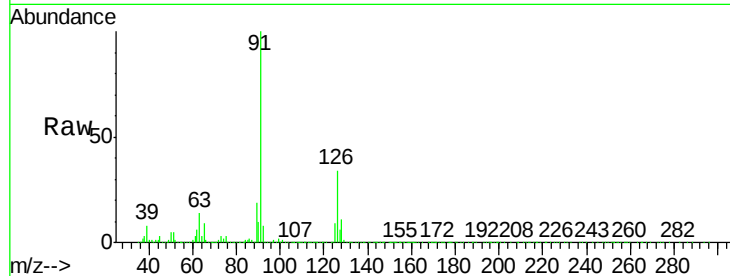
#79
 2-Chlorotoluene
 Concen: 51.777 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 751280
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9

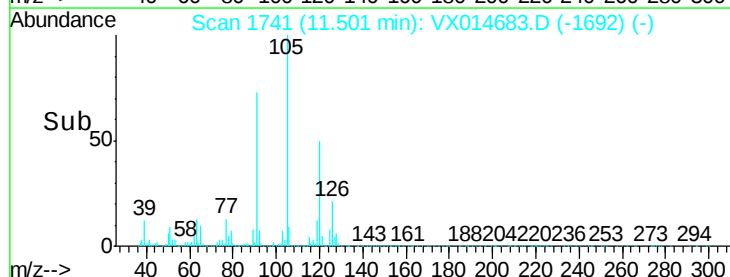
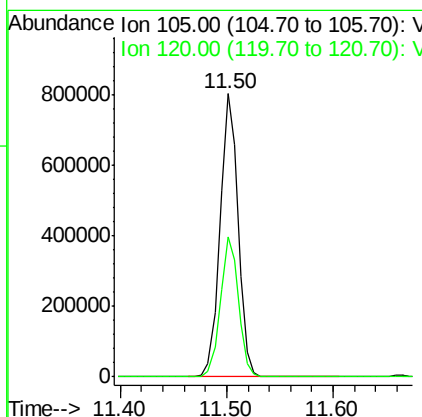
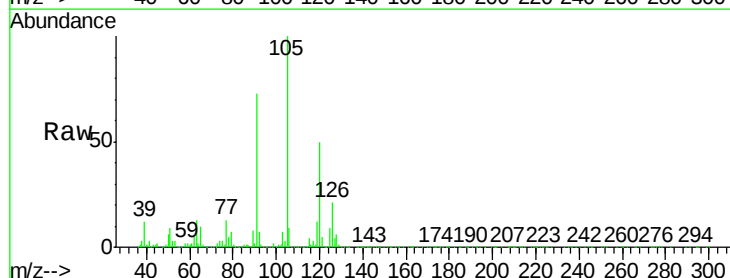
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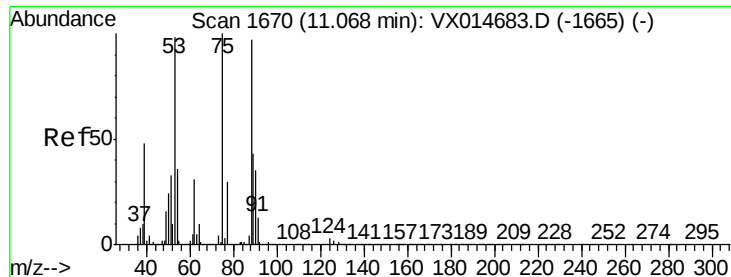
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.451 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion: 105 Resp: 943363
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





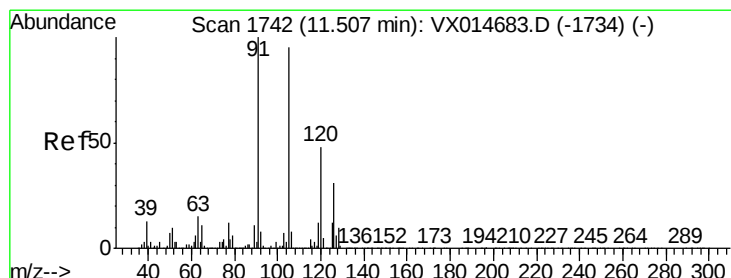
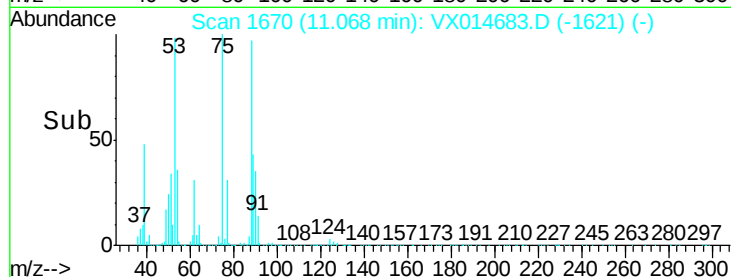
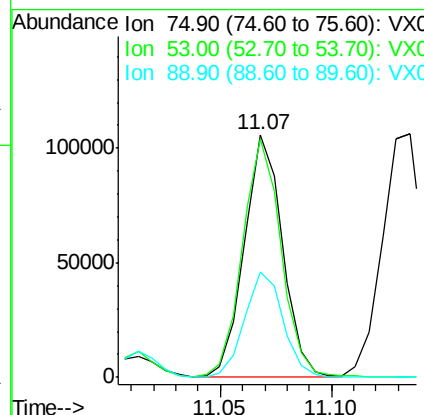
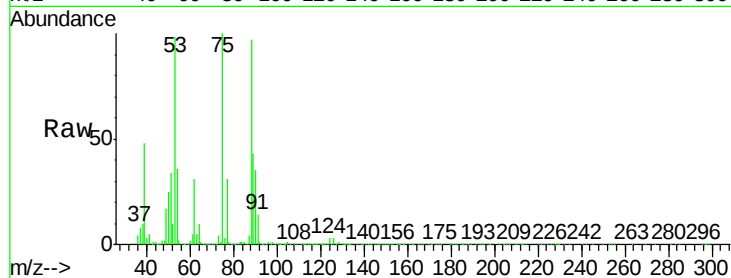
#81
trans-1,4-Dichloro-2-butene
Concen: 53.753 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	78.8	118.2
89	44.2	35.4	53.0

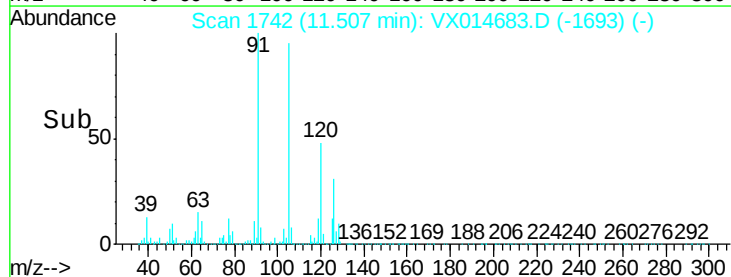
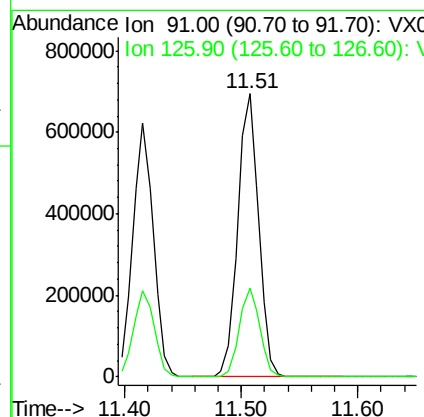
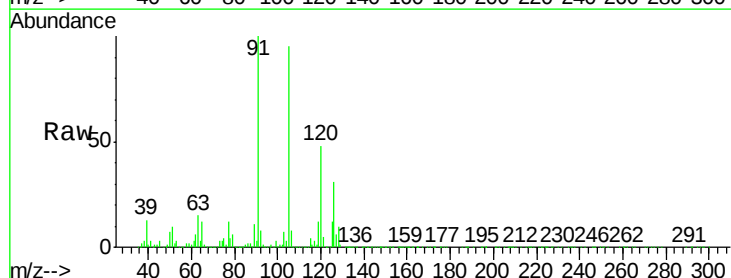
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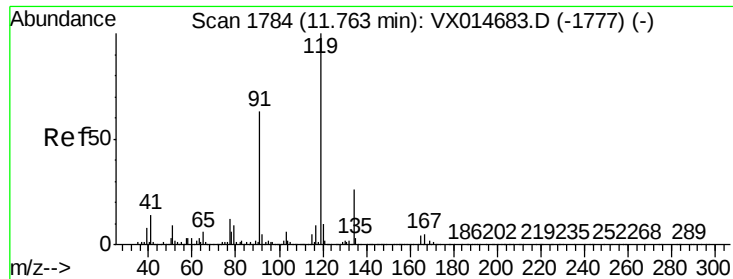
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#82
4-Chlorotoluene
Concen: 50.990 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





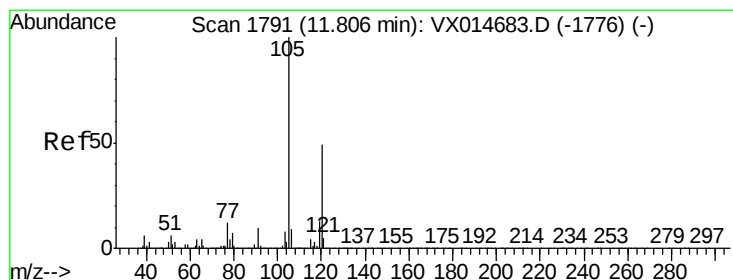
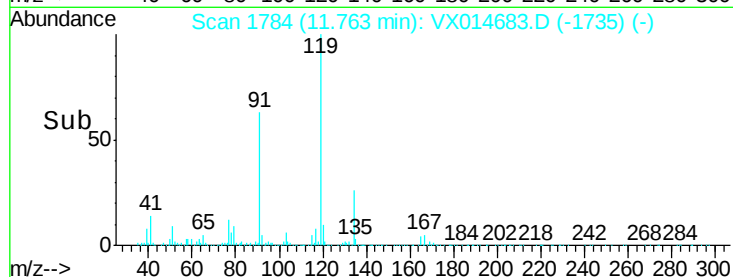
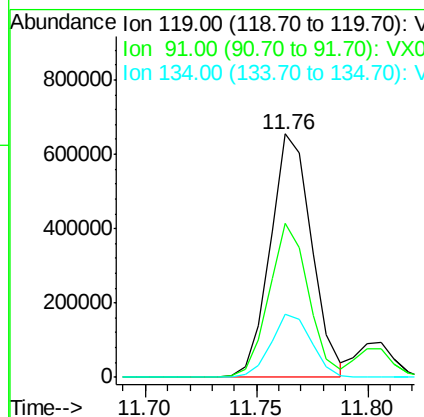
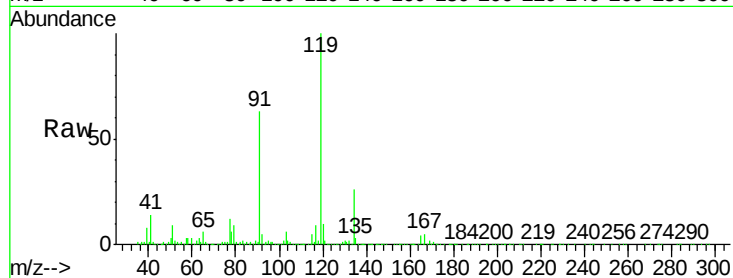
#83
tert-Butylbenzene
Concen: 50.843 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	843861		
91	60.0	30.0	90.0	
134	25.3	12.7	38.0	

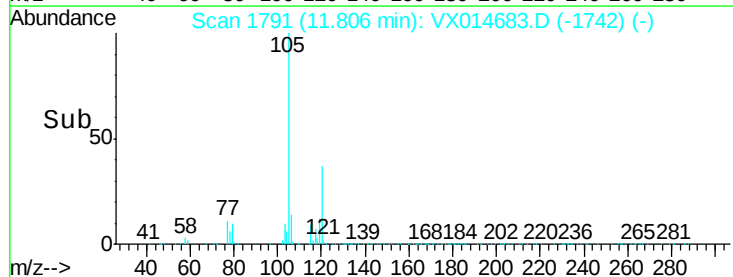
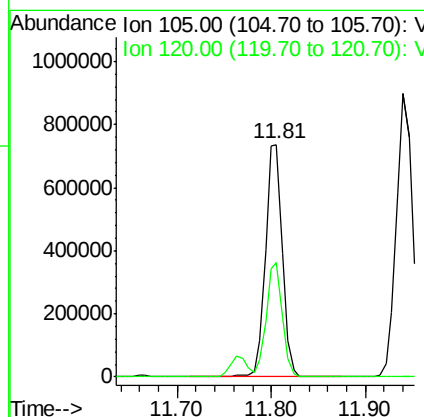
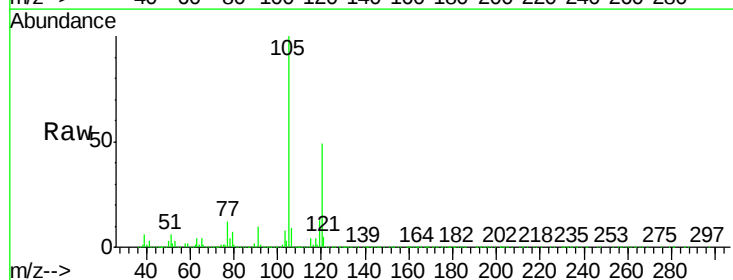
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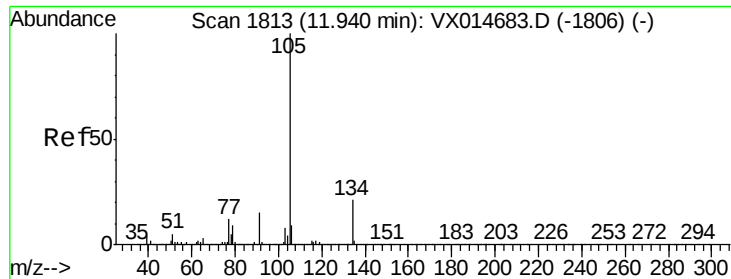
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#84
1,2,4-Trimethylbenzene
Concen: 52.611 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	937567		
120	46.7	23.4	70.0	





#85

sec-Butylbenzene

Concen: 52.523 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1086482

Ion Ratio Lower Upper

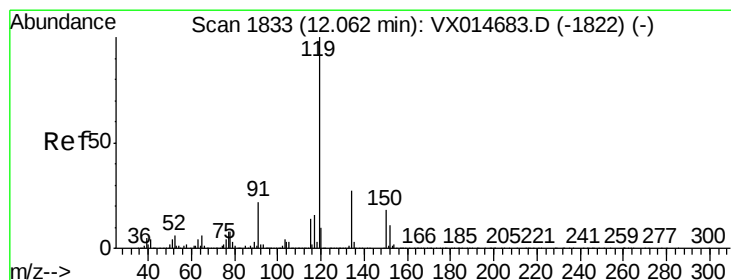
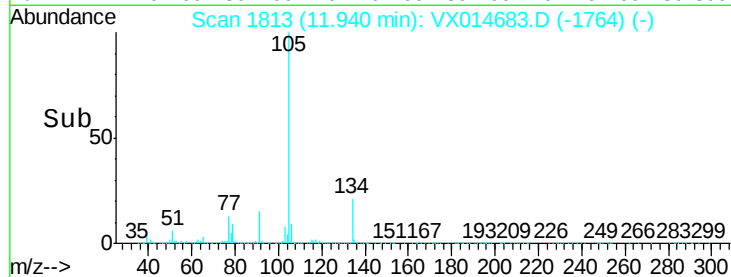
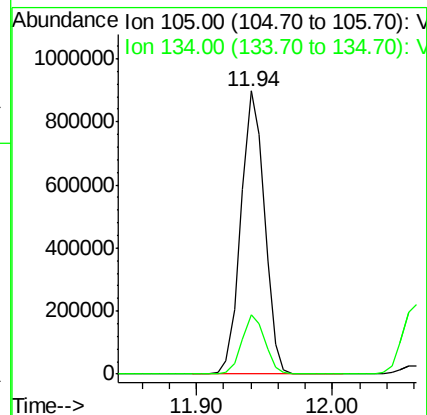
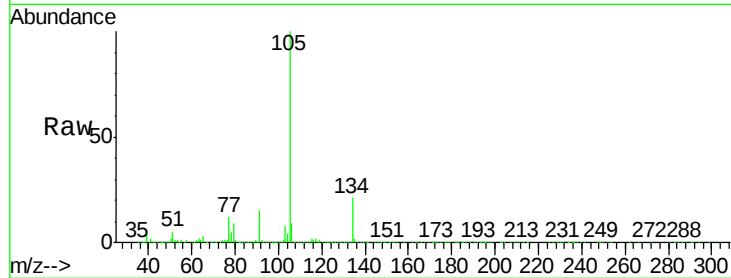
105 100

134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 52.216 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

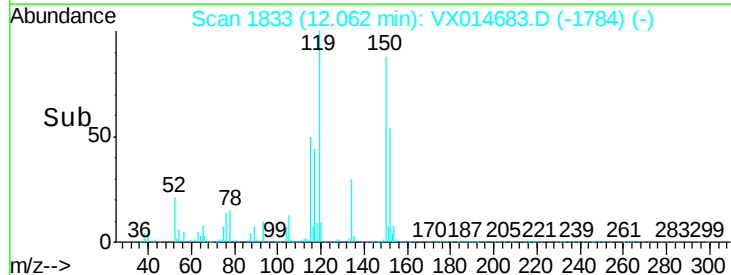
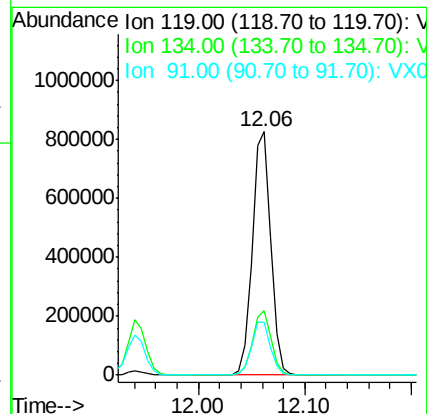
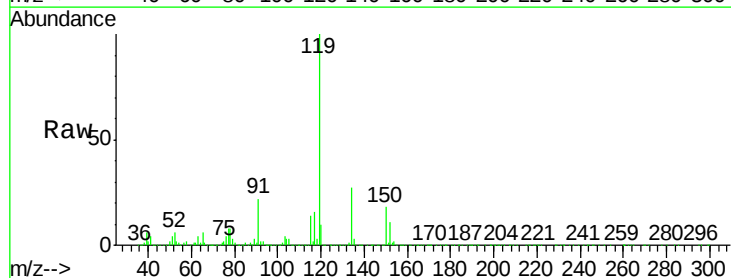
Tgt Ion:119 Resp: 1000433

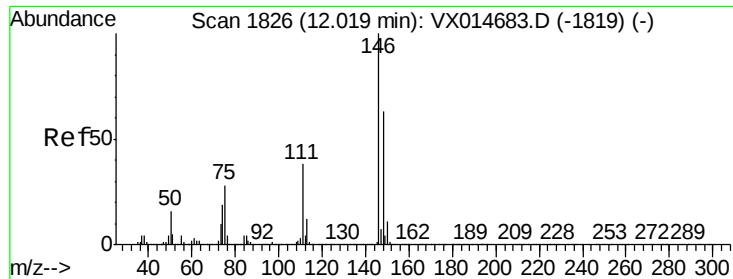
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.745 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014683.D

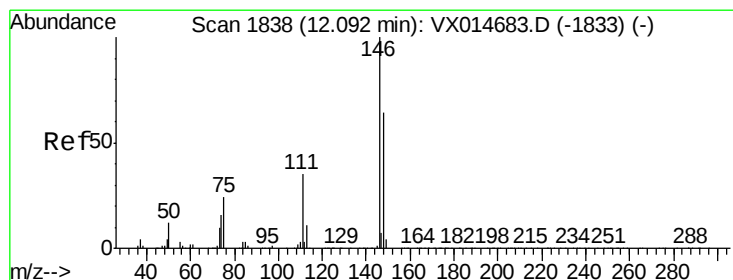
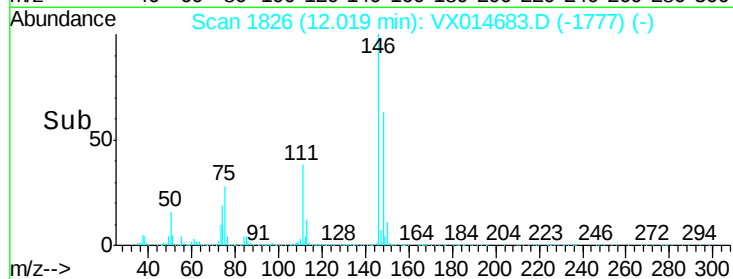
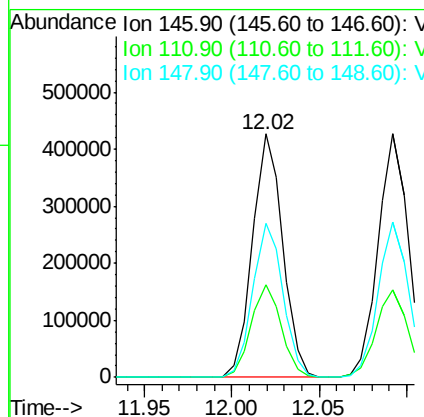
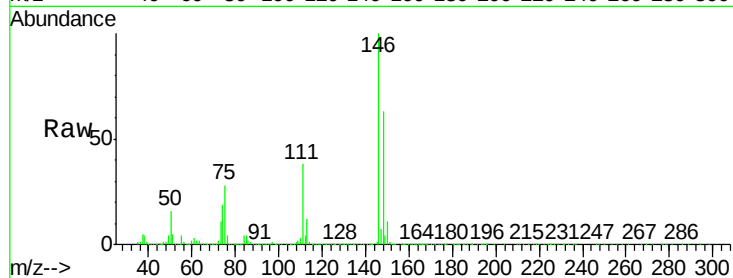
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.3	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 47.390 ug/l

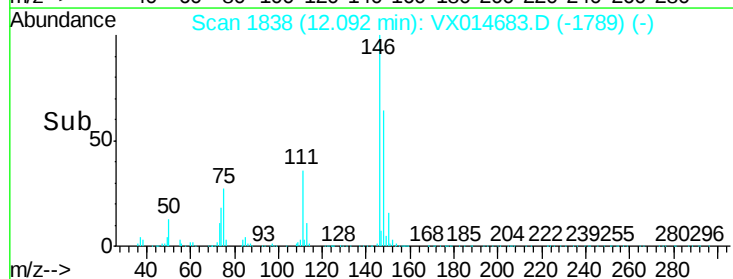
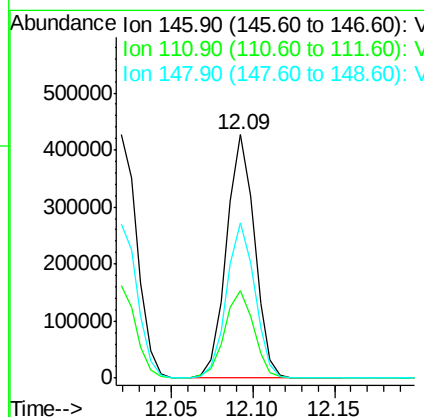
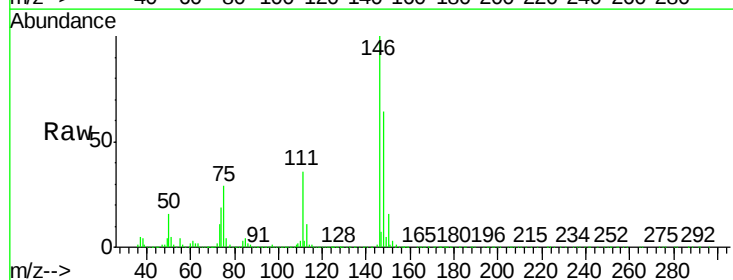
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014683.D

Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.1	32.0	96.2





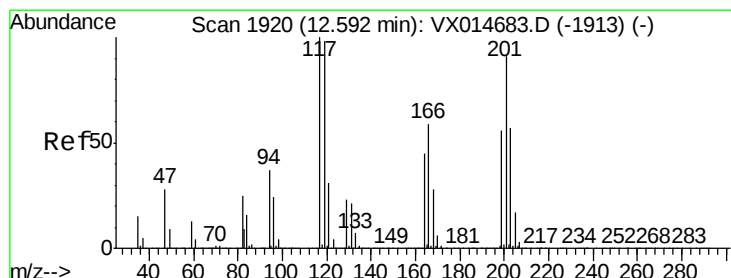
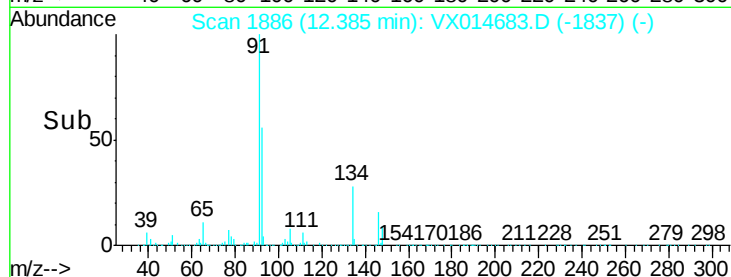
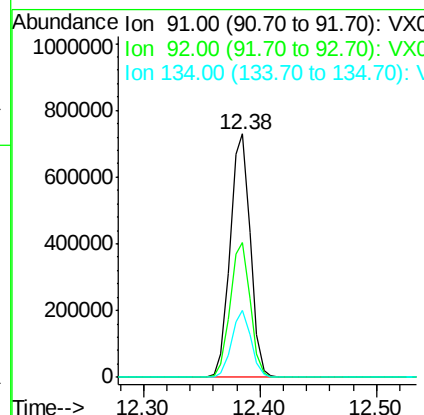
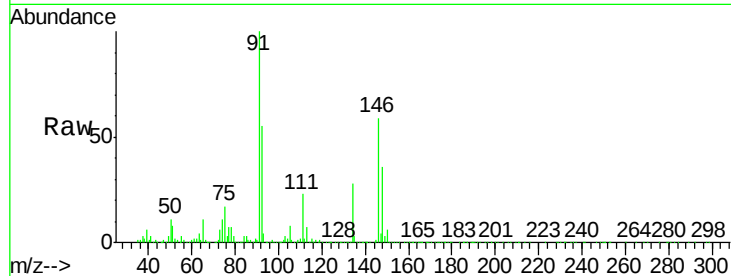
#89
n-Butylbenzene
Concen: 49.858 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.5	13.3	39.8

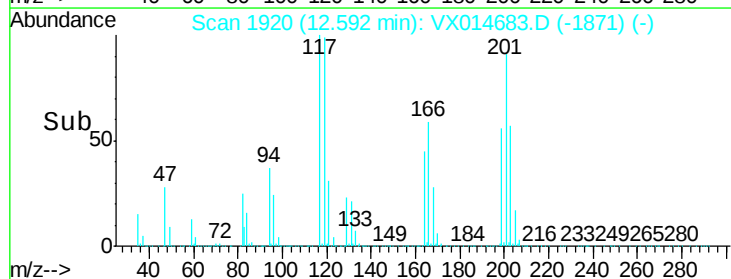
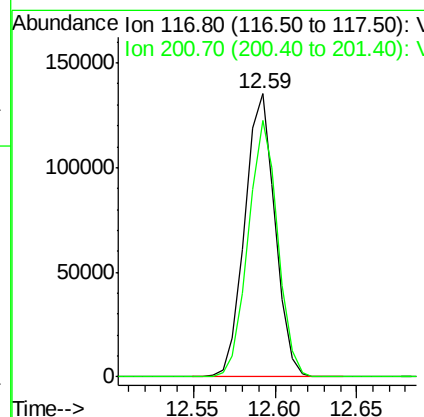
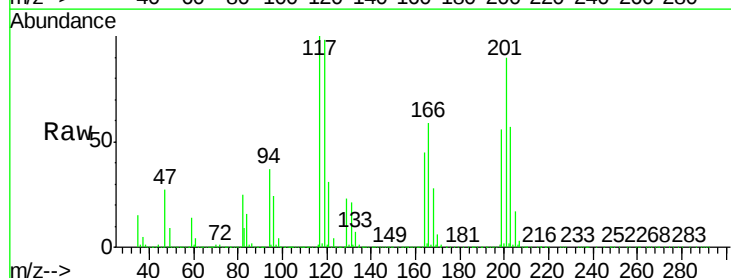
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#90
Hexachloroethane
Concen: 51.871 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	44.4	133.1





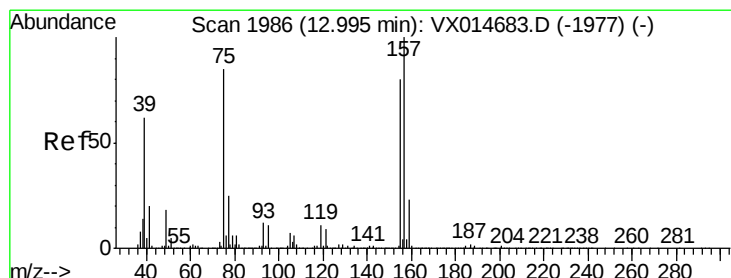
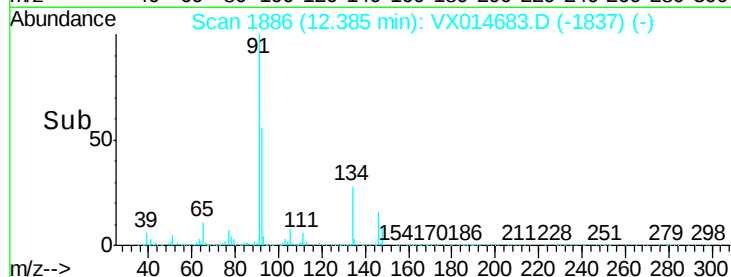
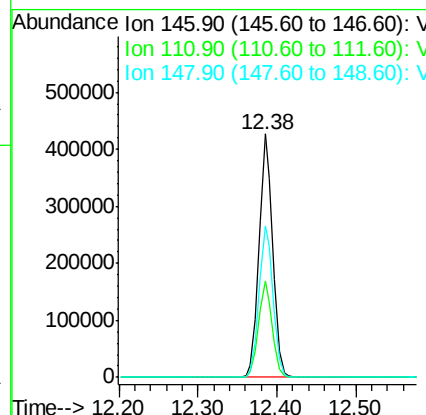
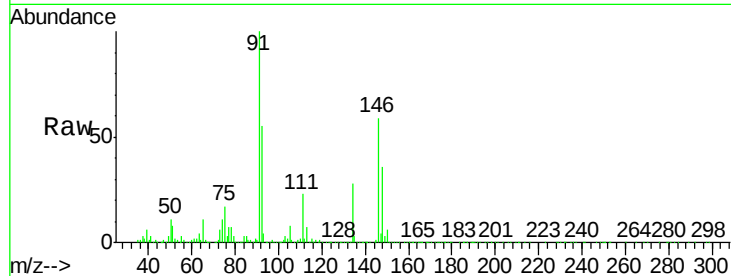
#91
 1,2-Dichlorobenzene
 Concen: 49.825 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	514804		
111	39.2	19.6	58.8	
148	63.9	31.9	95.9	

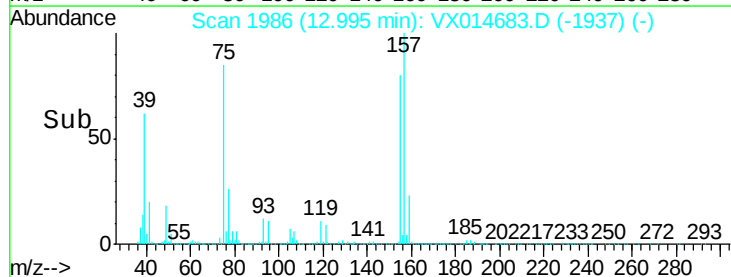
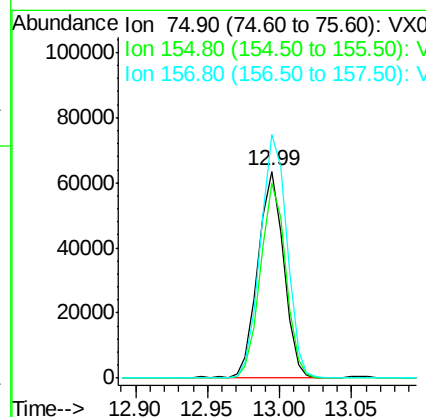
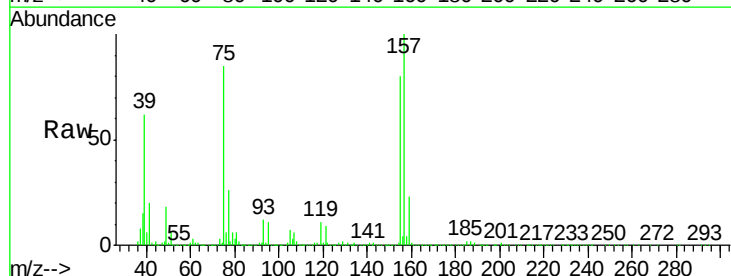
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.676 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78693		
155	91.3	45.6	136.9	
157	120.6	60.3	180.9	





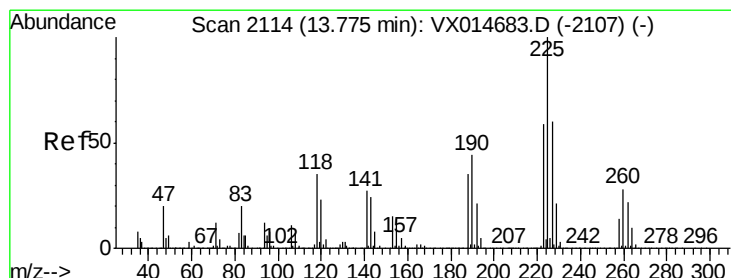
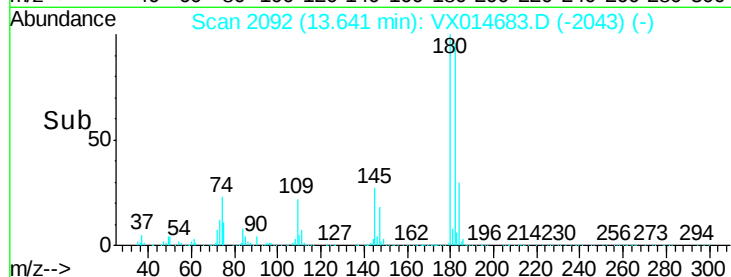
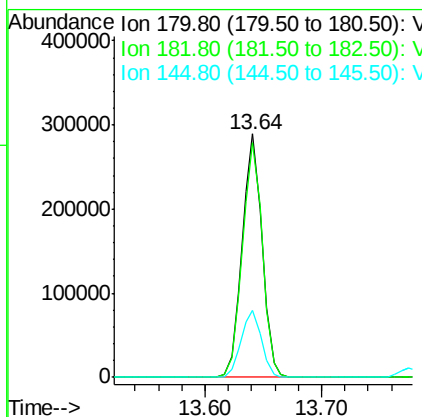
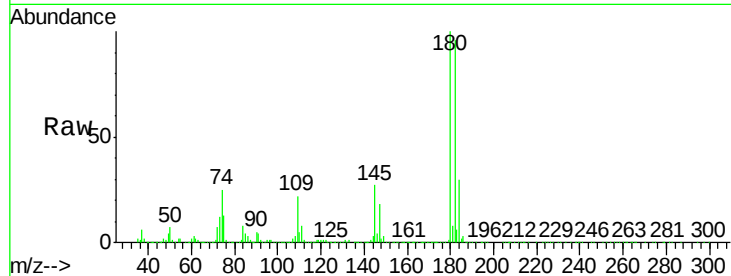
#93
 1,2,4-Trichlorobenzene
 Concen: 44.390 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	180	Resp:	345721
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.5	145.6
145	27.9	14.0	41.9

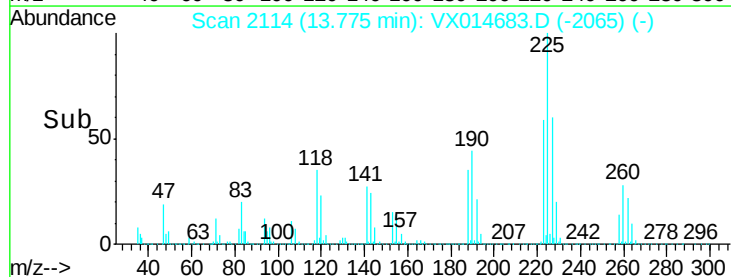
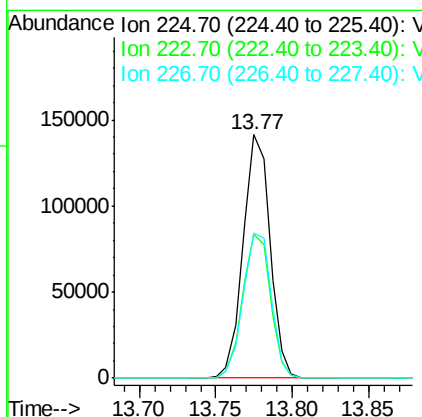
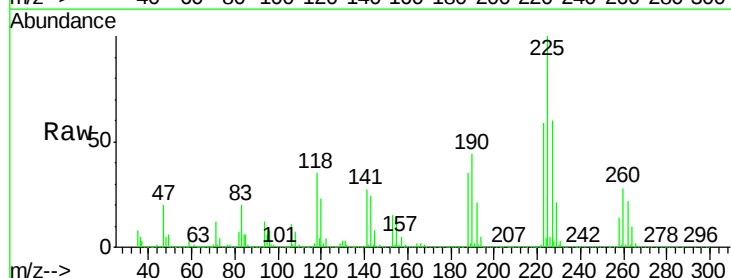
Manual Integrations
 APPROVED

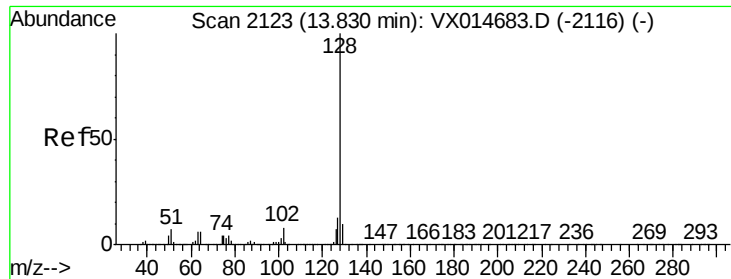
MMDadoda
 1/24/2020 1:39:06 PM



#94
 Hexachlorobutadiene
 Concen: 47.248 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014683.D
 Acq: 22 Jan 2020 11:27

Tgt Ion:	225	Resp:	173160
Ion Ratio	Lower	Upper	
225	100		
223	61.2	30.6	91.8
227	62.7	31.4	94.0





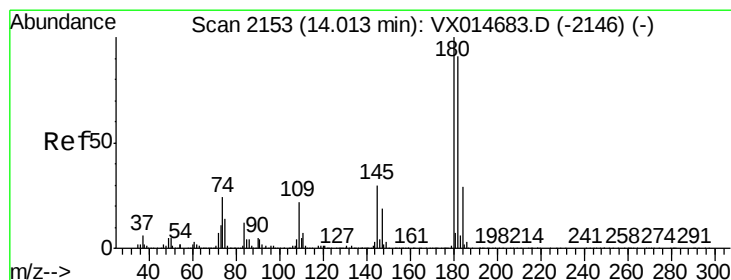
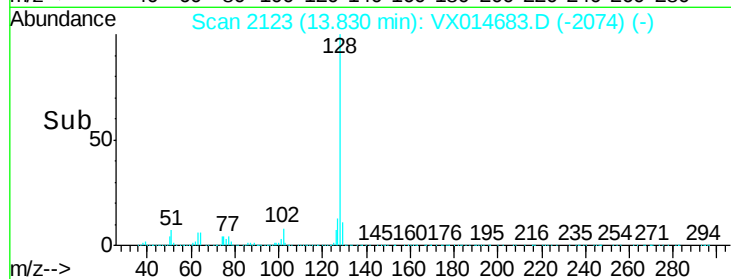
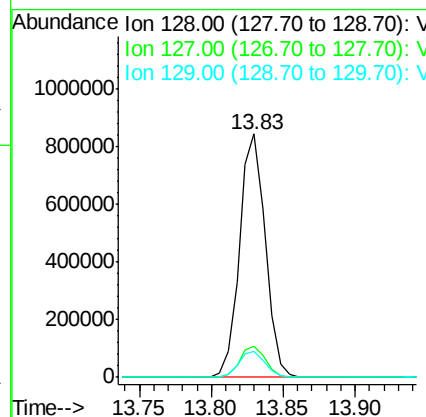
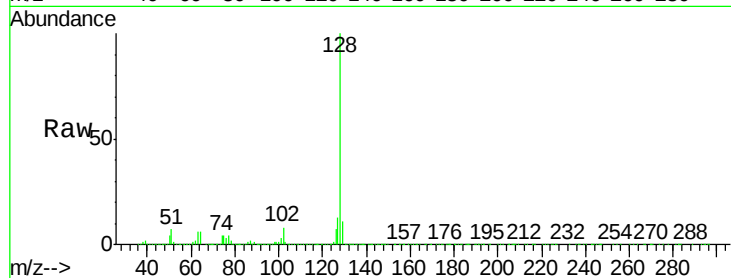
#95
Naphthalene
Concen: 47.342 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/24/2020 1:39:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.378 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014683.D
Acq: 22 Jan 2020 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.7
145	29.4	14.7	44.1

