

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015332.D
 Acq On : 18 Mar 2020 18:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 3/19/2020 12:01:07 PM

Quant Time: Mar 19 03:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	624823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1027109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	494489	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	345166	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
35) Dibromofluoromethane	5.49	113	333214	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1274004	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	473372	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	285781	41.587	ug/l	98
3) Chloromethane	1.31	50	331840	44.132	ug/l	98
4) Vinyl Chloride	1.40	62	337175	44.235	ug/l	99
5) Bromomethane	1.64	94	125977	53.980	ug/l	99
6) Chloroethane	1.72	64	202305	42.950	ug/l	100
7) Trichlorofluoromethane	1.92	101	440998	43.187	ug/l	97
8) Diethyl Ether	2.18	74	186972	44.190	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	295109	41.984	ug/l	97
10) Methyl Iodide	2.50	142	349681	41.863	ug/l	97
11) Tert butyl alcohol	3.03	59	344211	229.681	ug/l	99
12) 1,1-Dichloroethene	2.37	96	316127	40.053	ug/l	94
13) Acrolein	2.28	56	295692	209.596	ug/l	99
14) Allyl chloride	2.72	41	525609	44.787	ug/l	95
15) Acrylonitrile	3.13	53	889208	225.435	ug/l	99
16) Acetone	2.44	43	646703	222.860	ug/l	99
17) Carbon Disulfide	2.56	76	926544	43.783	ug/l	99
18) Methyl Acetate	2.76	43	360318	44.191	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1023038	44.701	ug/l	98
20) Methylene Chloride	2.85	84	378883	44.547	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	374199	43.073	ug/l	97
22) Diisopropyl ether	3.84	45	1063964	44.909	ug/l	100
23) Vinyl Acetate	3.80	43	4392228	232.449	ug/l	99
24) 1,1-Dichloroethane	3.69	63	595580	41.181	ug/l	100
25) 2-Butanone	4.66	43	1106791	224.656	ug/l	99
26) 2,2-Dichloropropane	4.58	77	458901	40.831	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	424873	45.095	ug/l	98
28) Bromochloromethane	5.01	49	272973	46.228	ug/l	97
29) Tetrahydrofuran	5.12	42	740506	230.512	ug/l	100
30) Chloroform	5.20	83	615148	42.163	ug/l	95
31) Cyclohexane	5.58	56	552674	46.806	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	534153	44.373	ug/l	98
36) 1,1-Dichloropropene	5.79	75	455824	44.328	ug/l	98
37) Ethyl Acetate	4.82	43	442234	47.381	ug/l	99
38) Carbon Tetrachloride	5.78	117	459691	47.054	ug/l	96

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Quant Time: Mar 19 03:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	573192	46.161	ug/l	96
40) Benzene	6.14	78	1457124	46.642	ug/l	99
41) Methacrylonitrile	5.03	41	241674	48.372	ug/l	98
42) 1,2-Dichloroethane	6.19	62	425889	45.216	ug/l	98
43) Isopropyl Acetate	6.44	43	712018	50.277	ug/l	100
44) Trichloroethene	7.20	130	390030	45.488	ug/l	94
45) 1,2-Dichloropropane	7.51	63	355261	48.169	ug/l	100
46) Dibromomethane	7.65	93	241359	46.772	ug/l	97
47) Bromodichloromethane	7.89	83	467779	48.269	ug/l	100
48) Methyl methacrylate	7.76	41	346031	51.055	ug/l	99
49) 1,4-Dioxane	7.73	88	181133	972.695	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2159103	246.991	ug/l	98
52) Toluene	8.78	92	918298	47.861	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	515268	49.694	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	572852	48.649	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	375592	46.169	ug/l	97
56) Ethyl methacrylate	9.17	69	545362	51.468	ug/l	99
57) 1,3-Dichloropropane	9.37	76	606762	45.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1387638	275.850	ug/l	99
59) 2-Hexanone	9.48	43	1642544	252.804	ug/l	100
60) Dibromochloromethane	9.57	129	394730	49.836	ug/l	98
61) 1,2-Dibromoethane	9.67	107	394586	47.620	ug/l	99
64) Tetrachloroethene	9.33	164	356858	47.766	ug/l	97
65) Chlorobenzene	10.14	112	1009068	46.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	364193	46.579	ug/l	99
67) Ethyl Benzene	10.25	91	1740317	47.207	ug/l	99
68) m/p-Xylenes	10.36	106	1360950	96.827	ug/l	99
69) o-Xylene	10.70	106	659584	48.798	ug/l	98
70) Styrene	10.71	104	1140296	50.608	ug/l	99
71) Bromoform	10.85	173	262067	51.279	ug/l #	99
73) Isopropylbenzene	11.01	105	1740756	46.758	ug/l	99
74) N-amyl acetate	10.89	43	630286	49.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	530935	46.059	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	434490m	42.998	ug/l	
77) Bromobenzene	11.25	156	417587	48.284	ug/l	97
78) n-propylbenzene	11.35	91	1972772	47.518	ug/l	98
79) 2-Chlorotoluene	11.42	91	1159989	46.544	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1427075	48.087	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	180076	47.775	ug/l	98
82) 4-Chlorotoluene	11.51	91	1338152	47.253	ug/l	98
83) tert-Butylbenzene	11.76	119	1377330	47.134	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1472450	47.922	ug/l	99
85) sec-Butylbenzene	11.94	105	1708125	48.222	ug/l	98
86) p-Isopropyltoluene	12.06	119	1553789	49.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	781621	47.540	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	784241	45.796	ug/l	100
89) n-Butylbenzene	12.39	91	1372168	46.108	ug/l	99
90) Hexachloroethane	12.59	117	275797	45.356	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	777466	47.144	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	105385	46.235	ug/l	97

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ClientSampleId :
VSTDCCC050EC

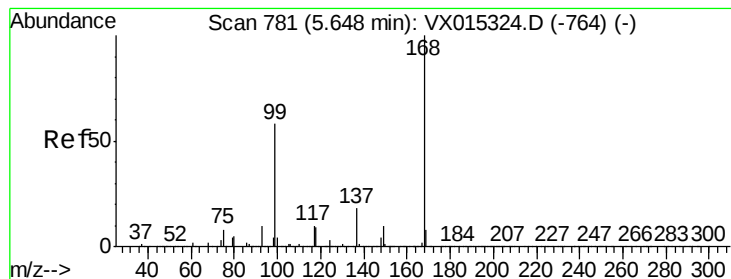
Manual Integrations
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3/19/2020 12:01:07 PM

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	439540	44.489	ug/l	98
94) Hexachlorobutadiene	13.78	225	179046	43.102	ug/l	98
95) Naphthalene	13.83	128	1678698	51.329	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	458825	47.444	ug/l	100

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



#1

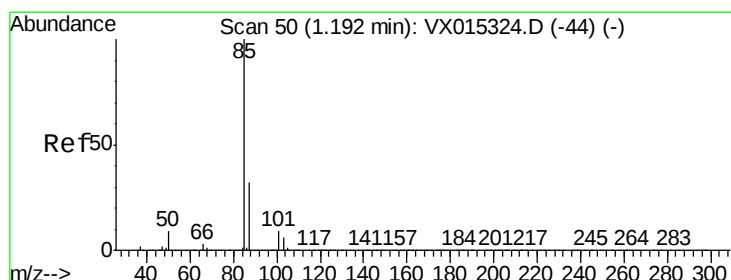
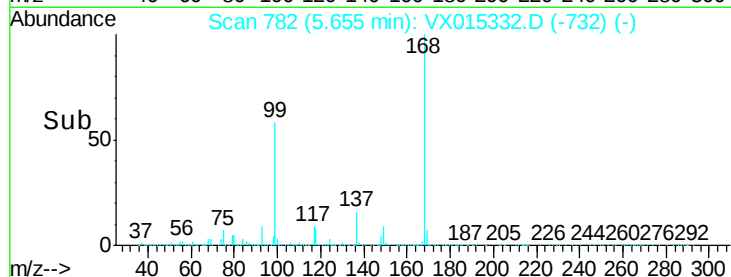
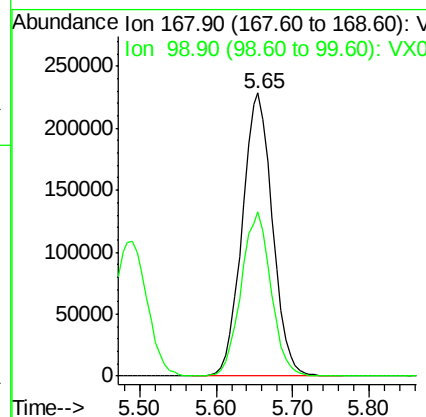
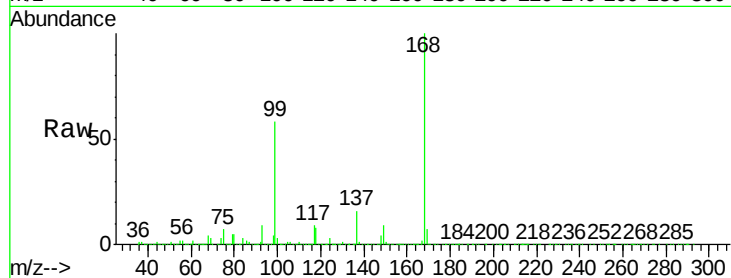
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.8	47.0	70.6

Manual Integrations
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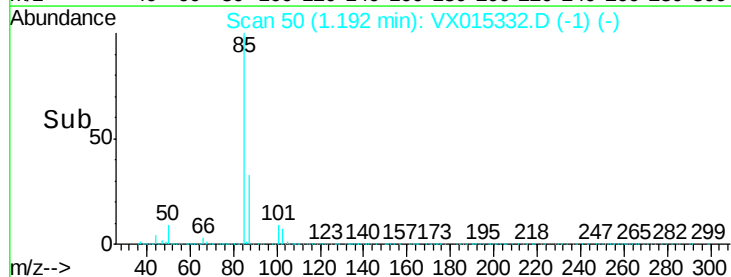
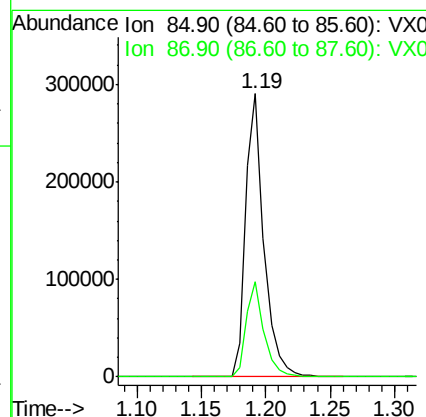
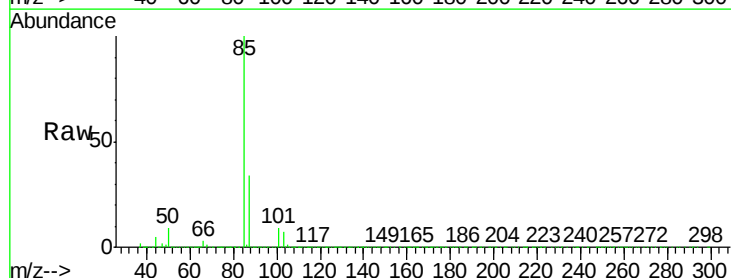
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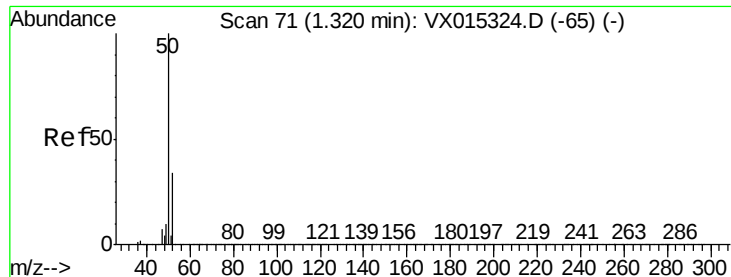


#2

Dichlorodifluoromethane
 Concen: 41.587 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.2	48.5





#3

Chloromethane

Concen: 44.132 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 331840

Ion Ratio Lower Upper

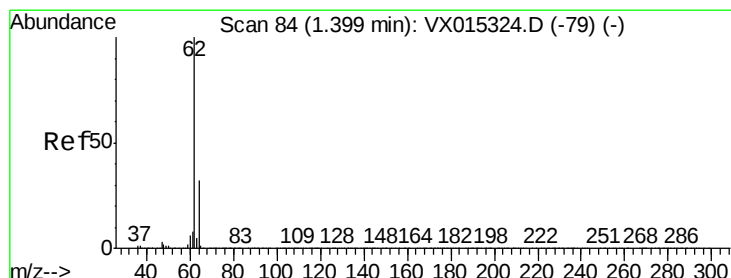
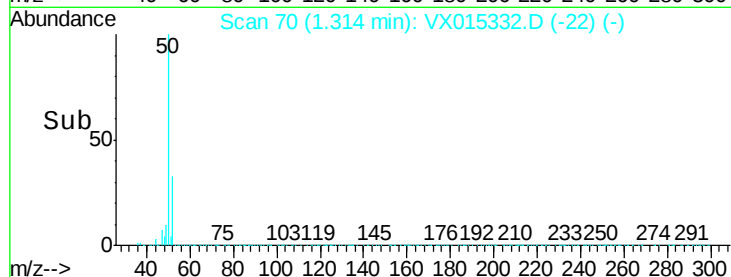
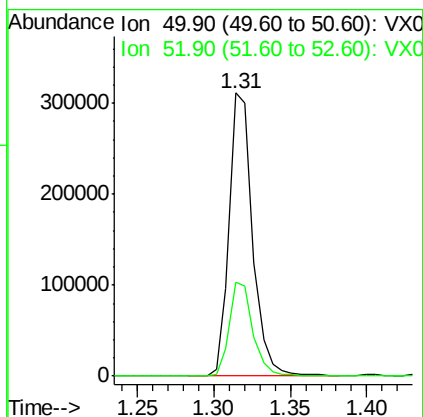
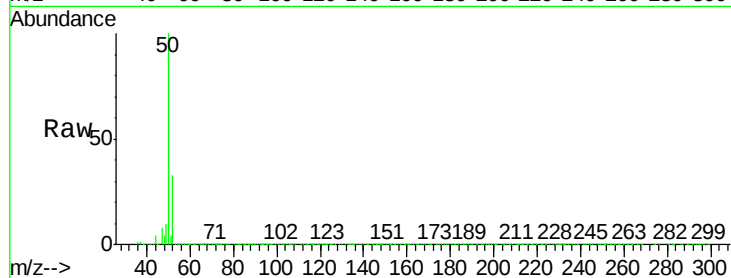
50 100

52 33.2 27.4 41.0

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#4

Vinyl Chloride

Concen: 44.235 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015332.D

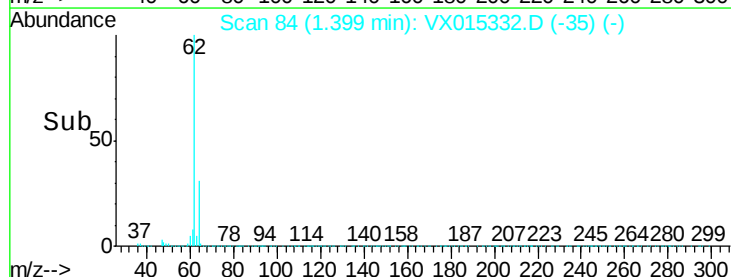
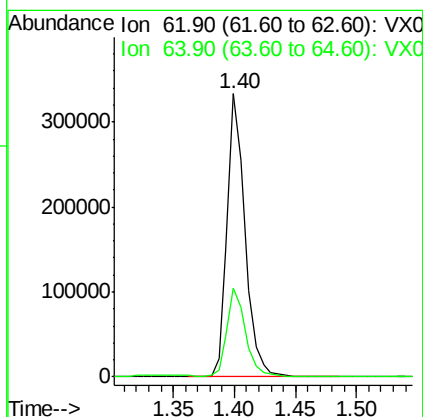
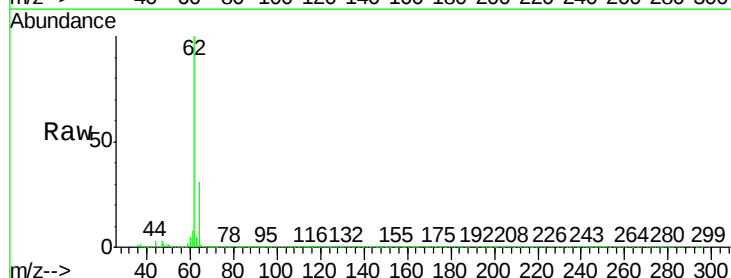
Acq: 18 Mar 2020 18:34

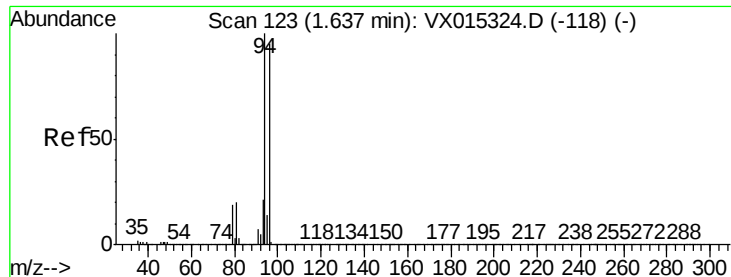
Tgt Ion: 62 Resp: 337175

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 53.980 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 125977

Ion Ratio Lower Upper

94 100

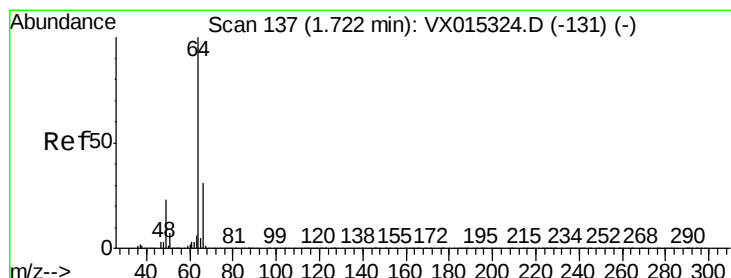
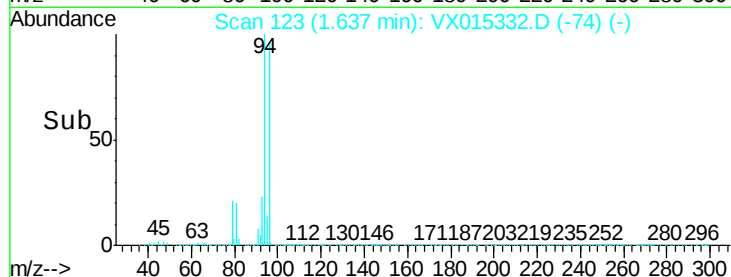
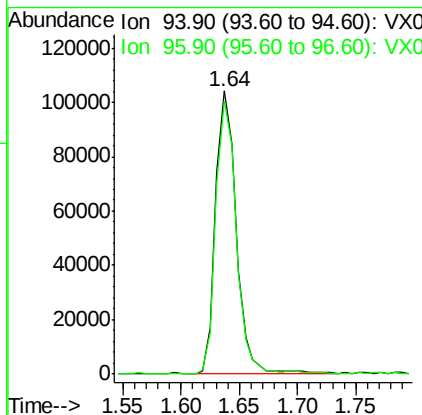
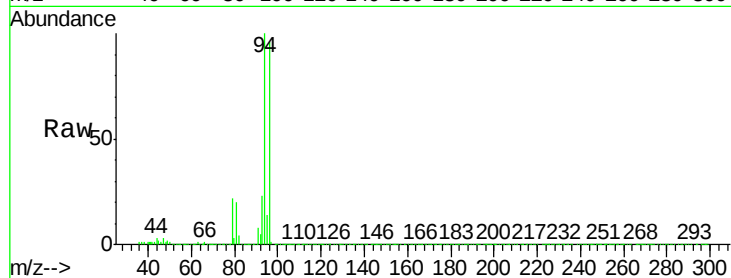
96 96.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 42.950 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015332.D

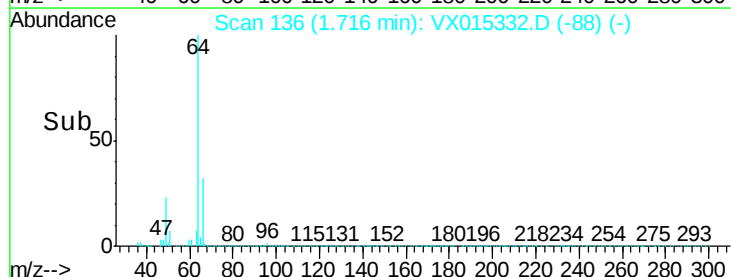
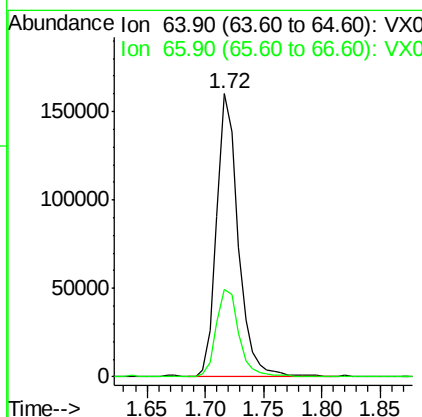
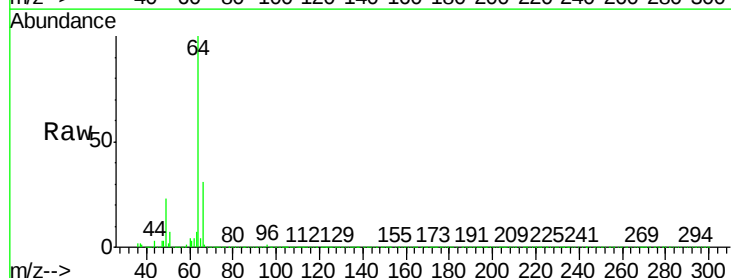
Acq: 18 Mar 2020 18:34

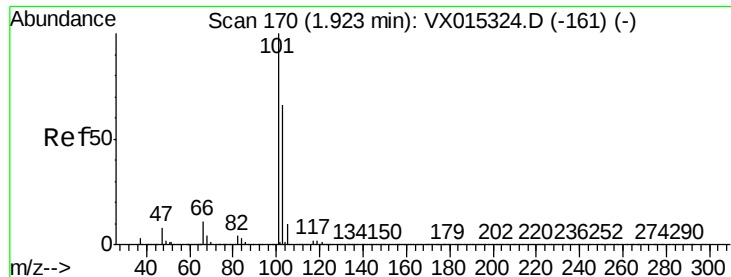
Tgt Ion: 64 Resp: 202305

Ion Ratio Lower Upper

64 100

66 30.7 24.8 37.2





#7

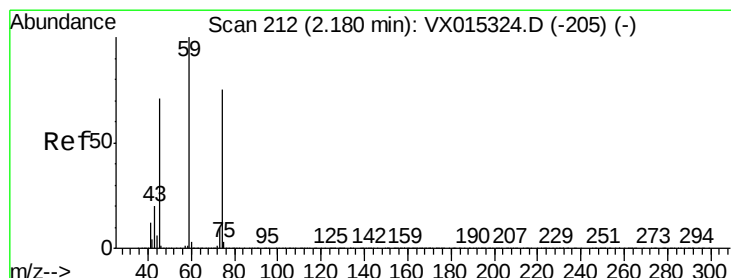
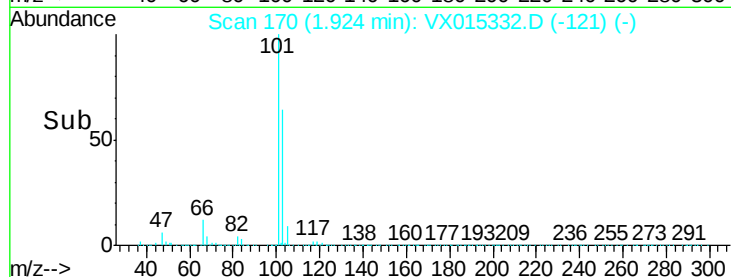
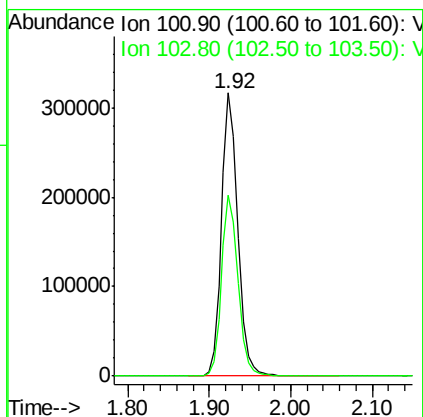
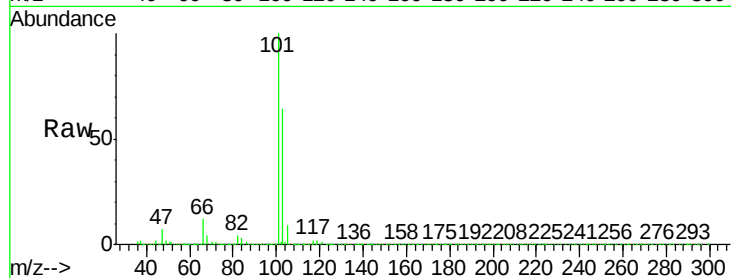
Trichlorofluoromethane
Concen: 43.187 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.6	79.0

Manual Integrations
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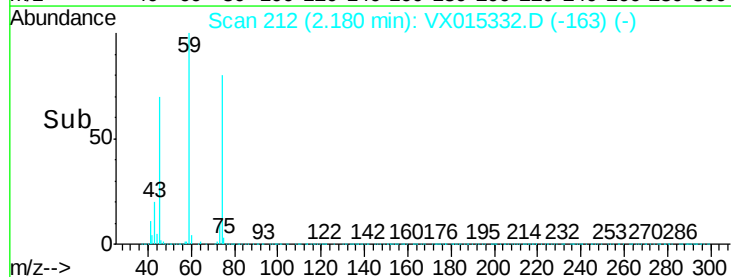
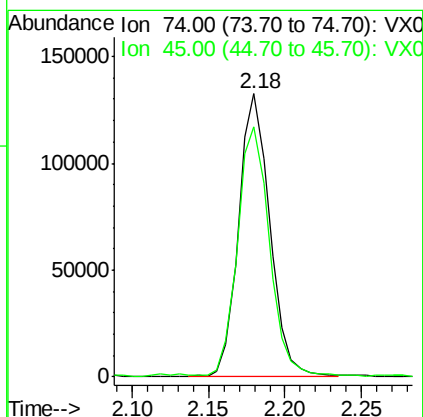
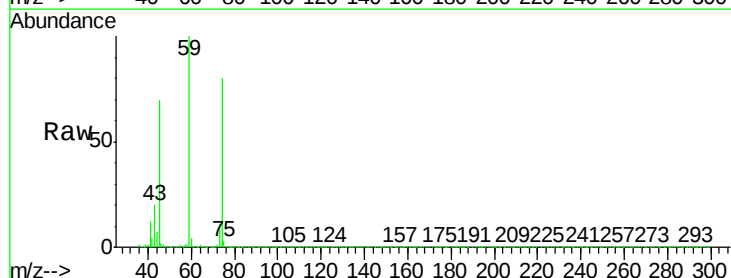
MMDadoda
3/19/2020 12:01:07 PM

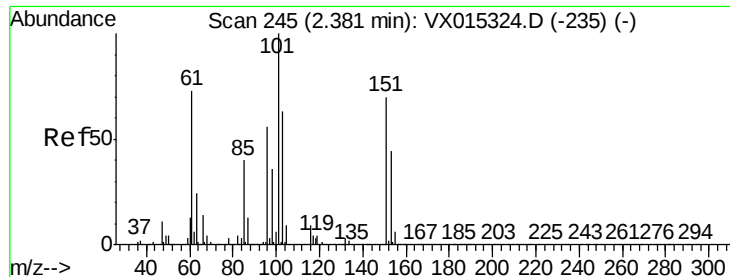


#8

Diethyl Ether
Concen: 44.190 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.984 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

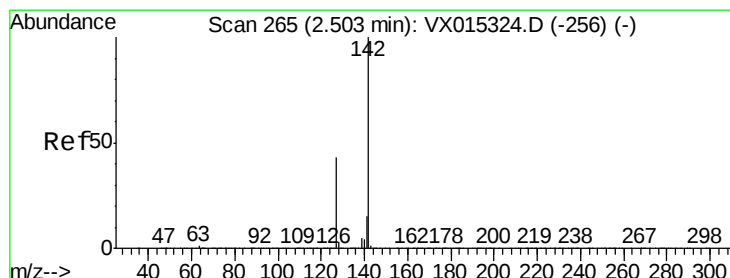
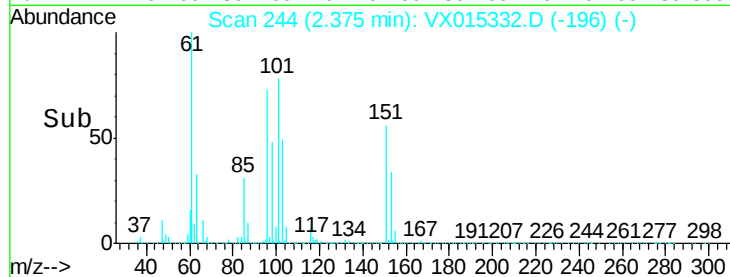
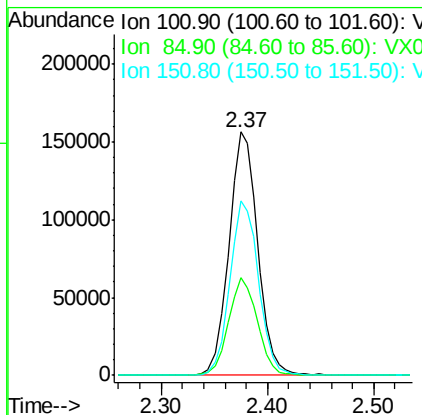
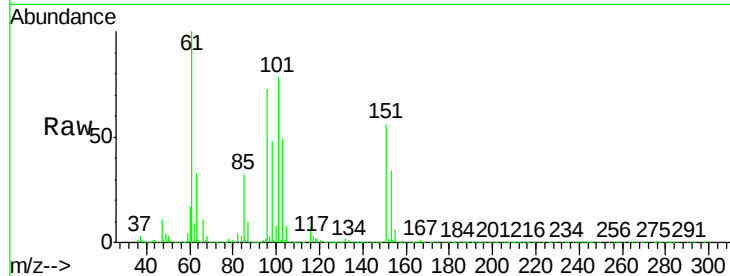
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	295109
Ion Ratio	Lower	Upper	
101	100		
85	40.1	32.2	48.4
151	72.0	55.0	82.6

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#10

Methyl Iodide

Concen: 41.863 ug/l

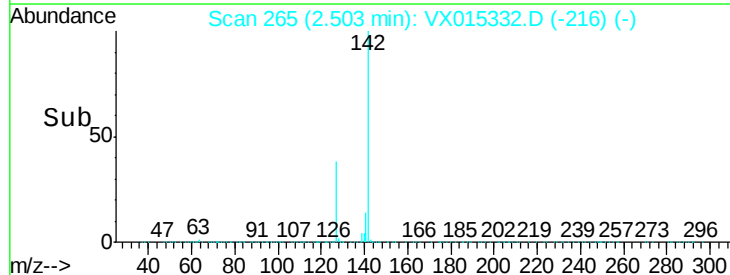
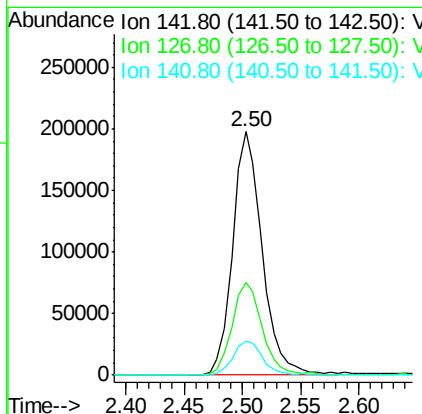
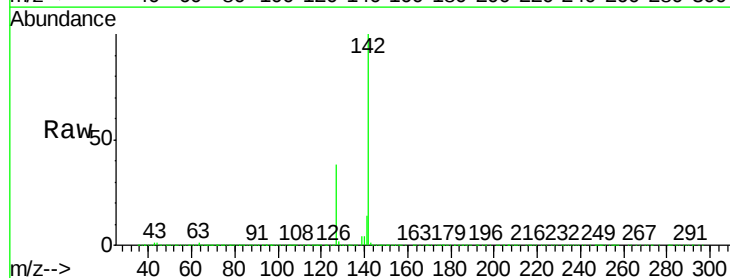
RT: 2.50 min Scan# 265

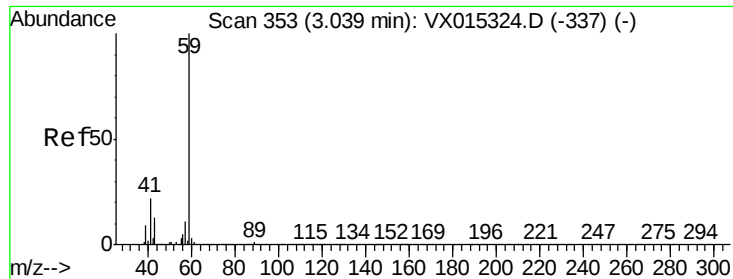
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	142	Resp:	349681
Ion Ratio	Lower	Upper	
142	100		
127	39.4	33.6	50.4
141	14.3	11.9	17.9





#11

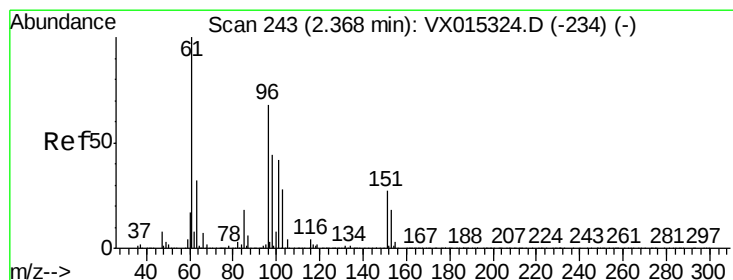
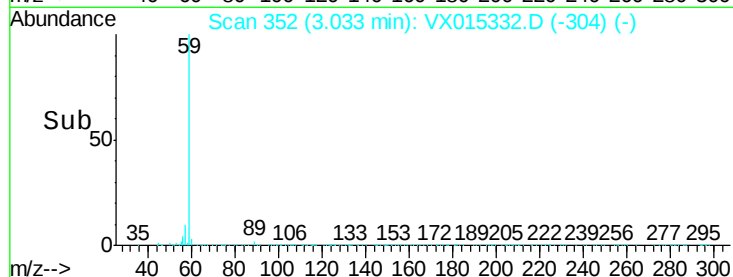
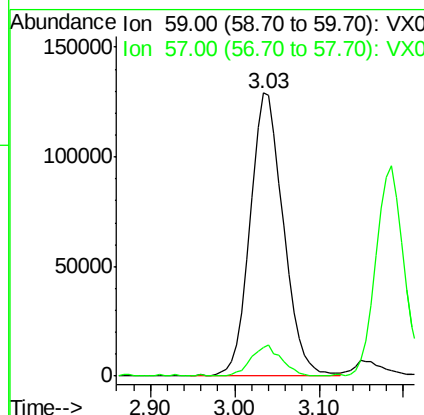
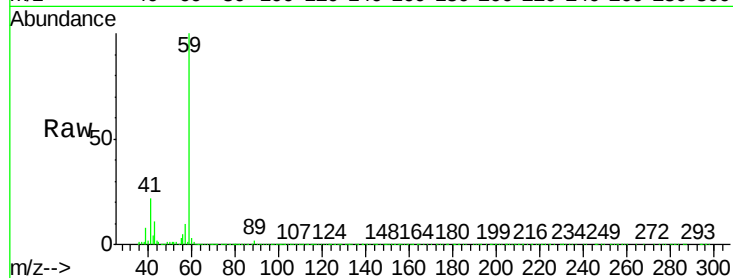
Tert butyl alcohol
 Concen: 229.681 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0

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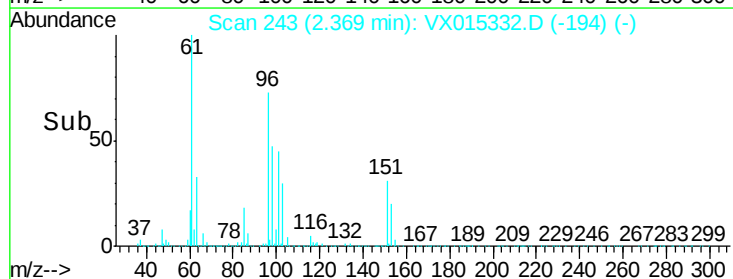
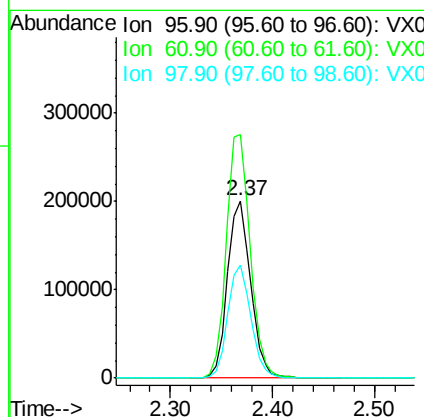
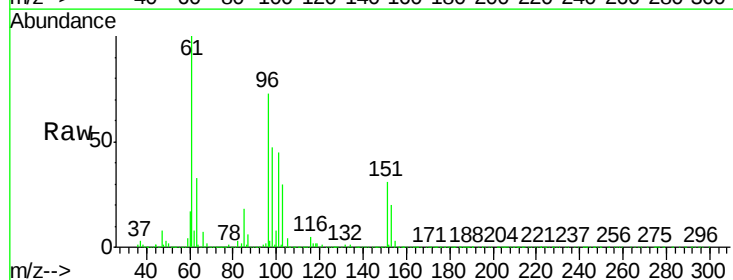
MMDadoda
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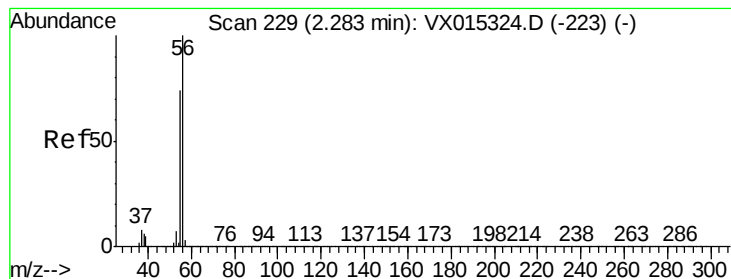


#12

1,1-Dichloroethene
 Concen: 40.053 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	117.7	176.5
98	63.8	52.3	78.5





#13

Acrolein

Concen: 209.596 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 295692

Ion Ratio Lower Upper

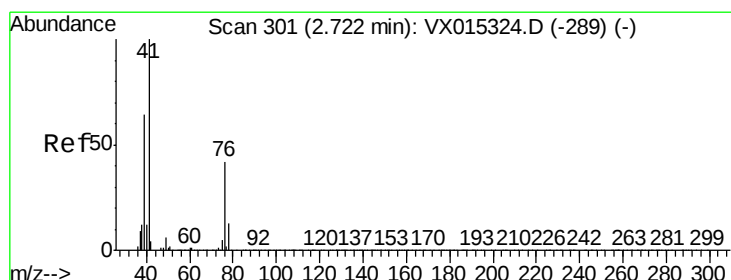
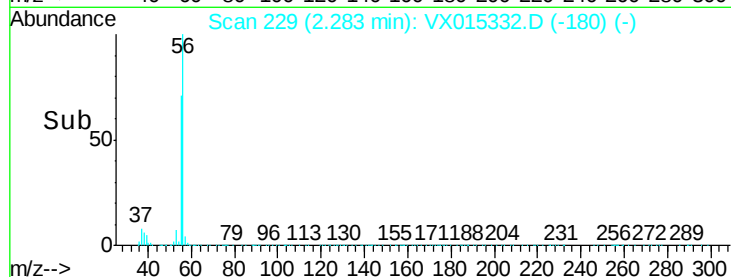
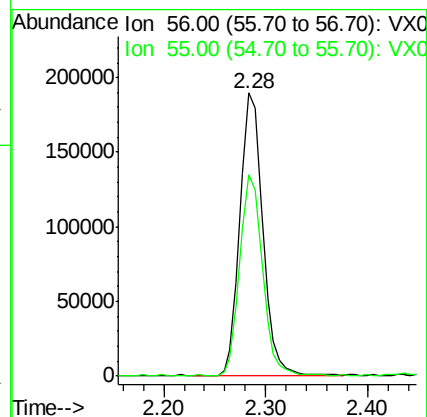
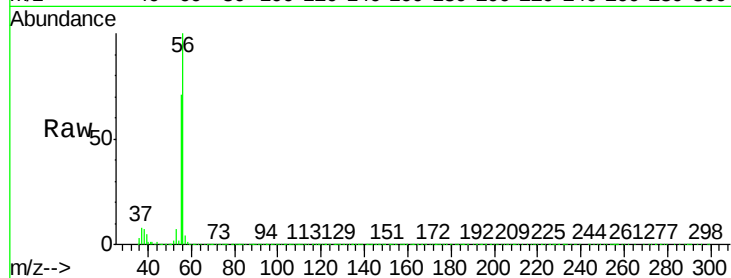
56 100

55 69.6 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 44.787 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

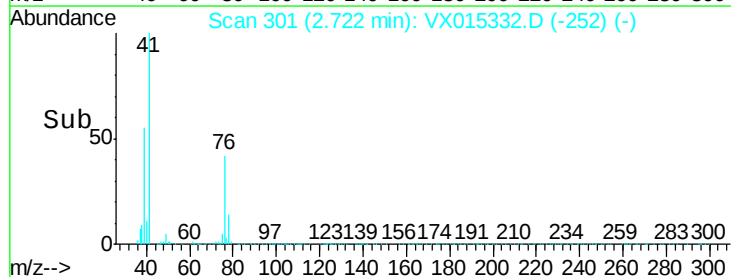
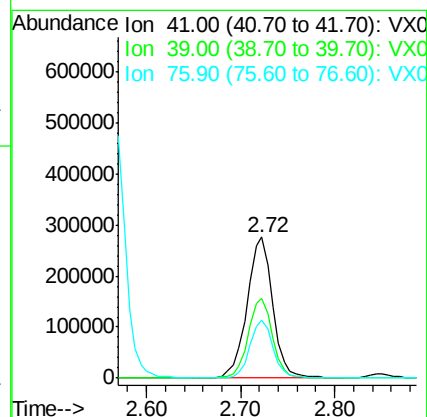
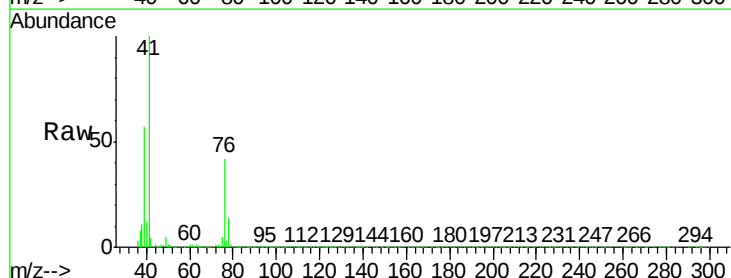
Tgt Ion: 41 Resp: 525609

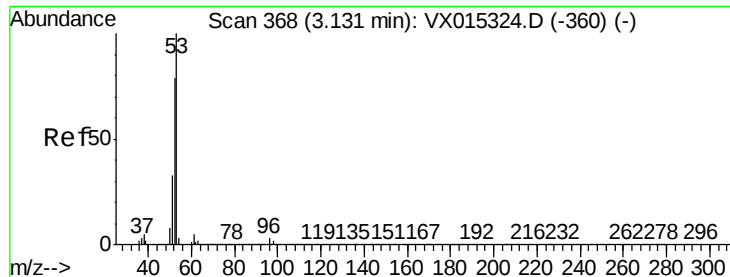
Ion Ratio Lower Upper

41 100

39 53.7 46.8 70.2

76 37.1 30.7 46.1





#15

Acrylonitrile

Concen: 225.435 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

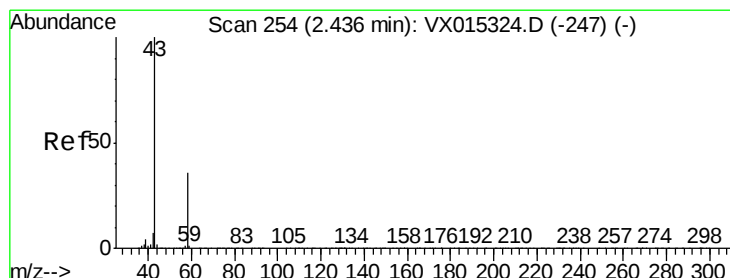
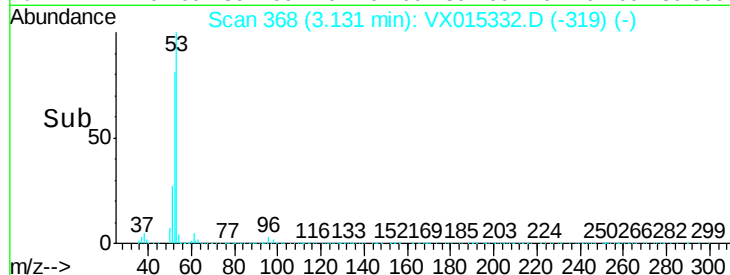
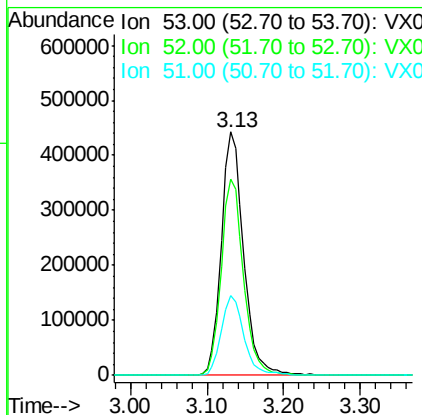
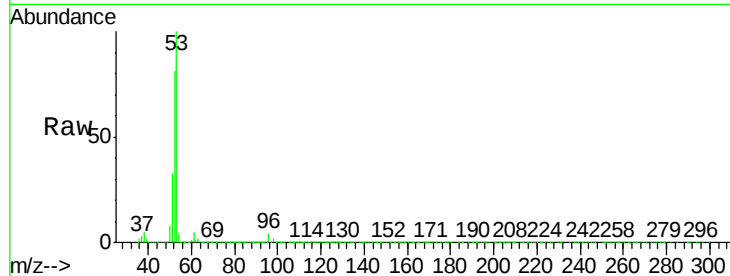
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	889208
Ion Ratio	Lower	Upper	
53	100		
52	80.7	64.6	97.0
51	33.3	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 222.860 ug/l

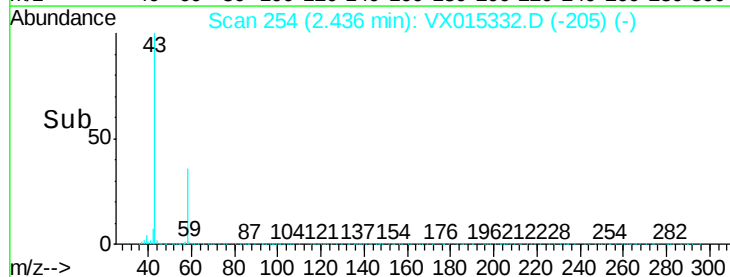
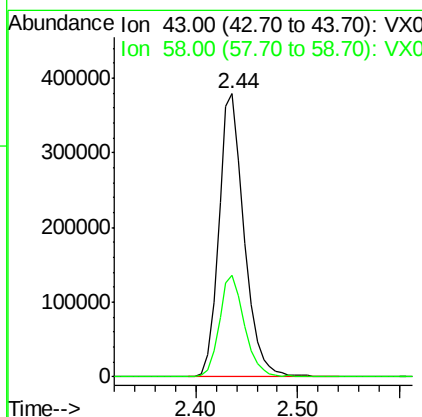
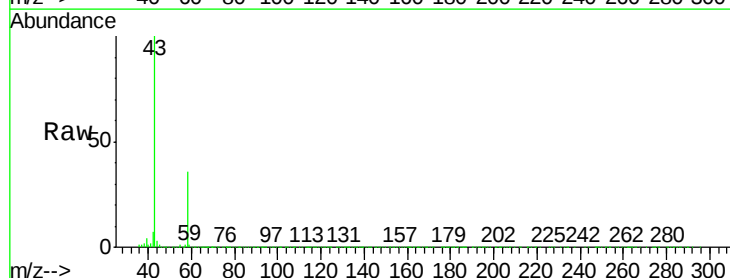
RT: 2.44 min Scan# 254

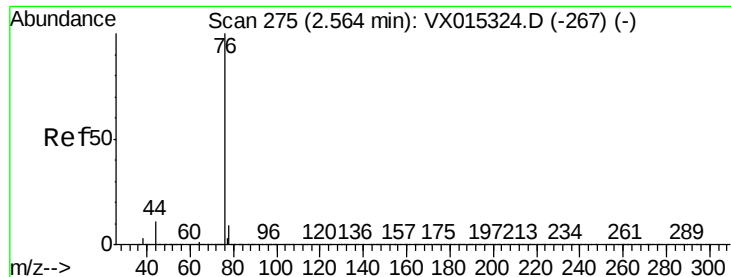
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	43	Resp:	646703
Ion Ratio	Lower	Upper	
43	100		
58	35.9	29.0	43.4





#17

Carbon Disulfide

Concen: 43.783 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 926544

Ion Ratio Lower Upper

76 100

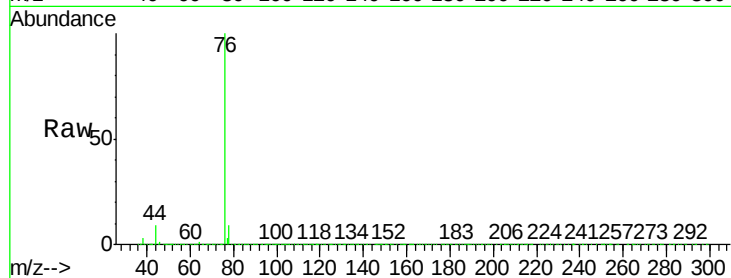
78 8.7 7.2 10.8

Manual Integrations

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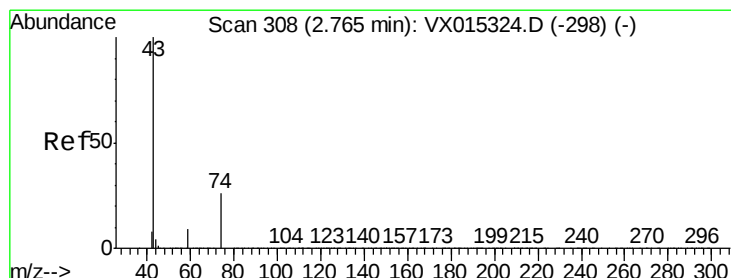
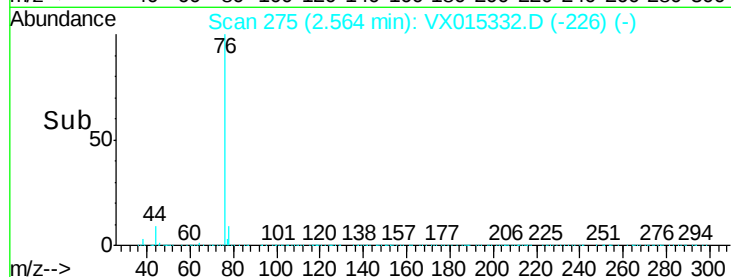
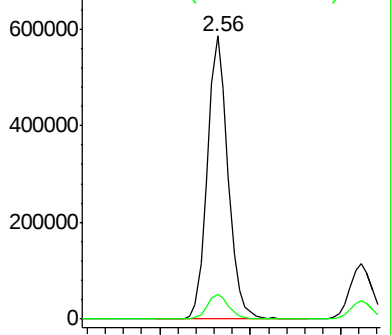
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.191 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015332.D

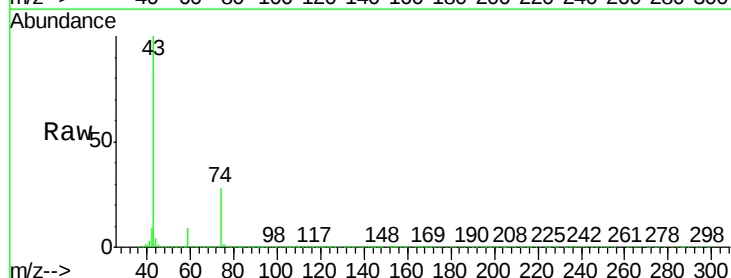
Acq: 18 Mar 2020 18:34

Tgt Ion: 43 Resp: 360318

Ion Ratio Lower Upper

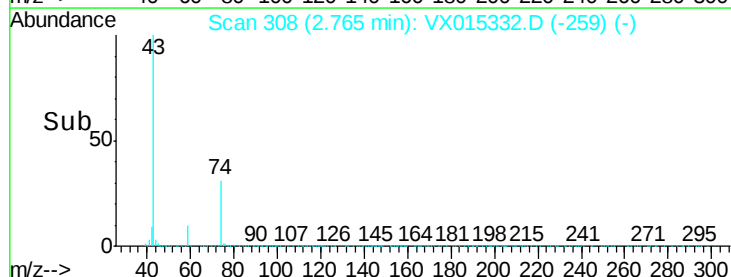
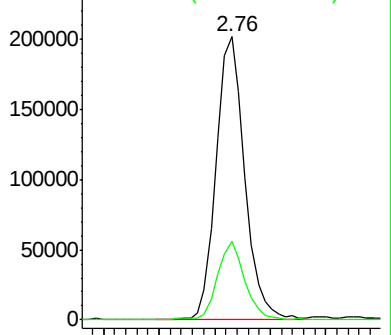
43 100

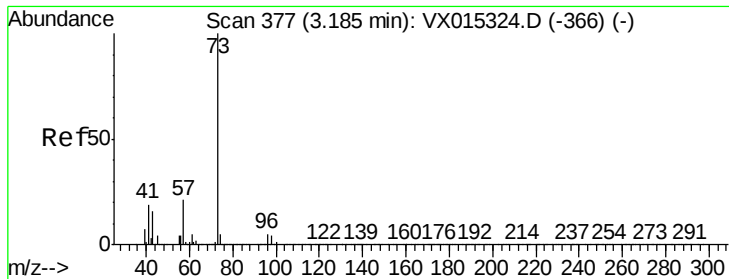
74 26.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





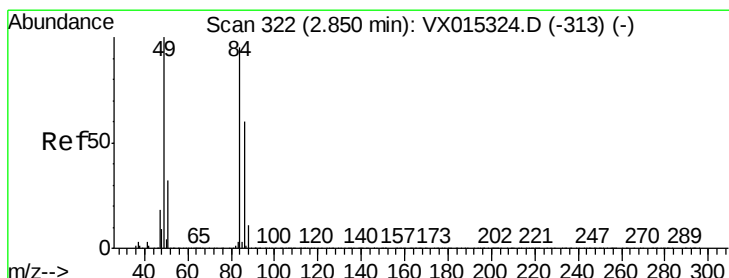
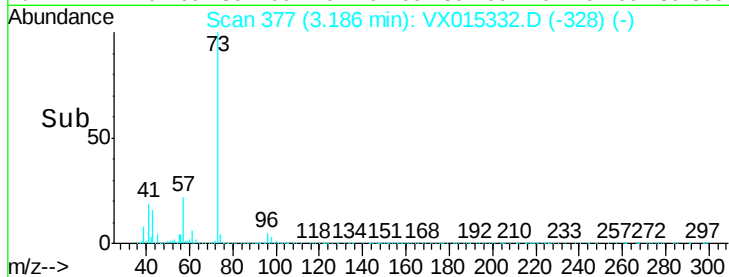
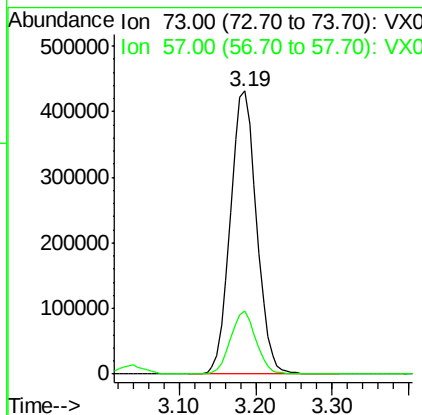
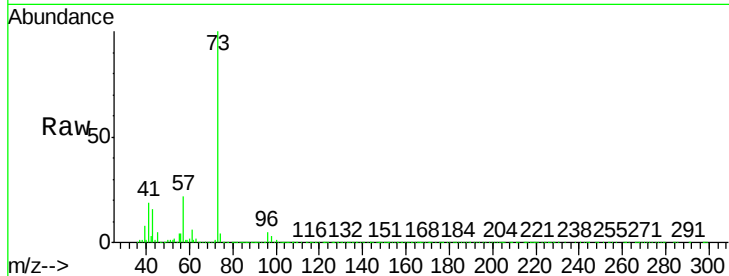
#19
Methvl tert-butvl Ether
Concen: 44.701 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1023038
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2

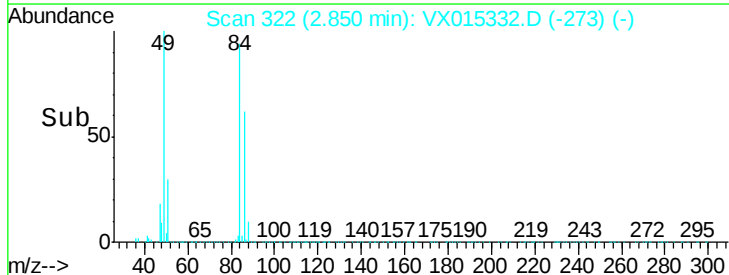
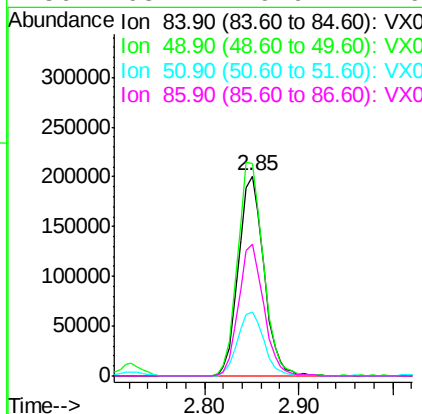
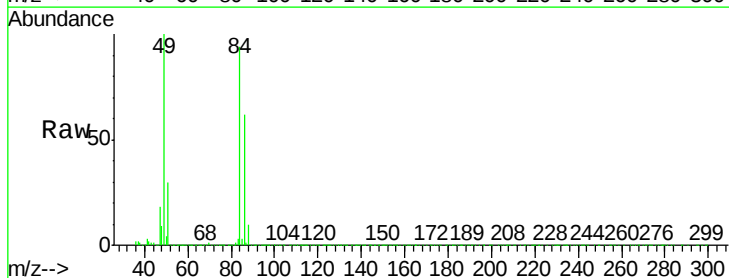
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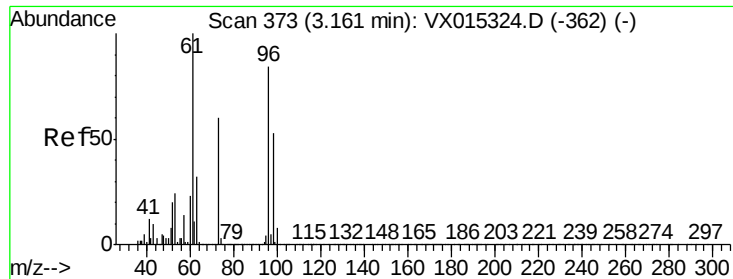
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#20
Methylene Chloride
Concen: 44.547 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion: 84 Resp: 378883
Ion Ratio Lower Upper
84 100
49 106.1 84.0 126.0
51 31.9 27.0 40.6
86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 43.073 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

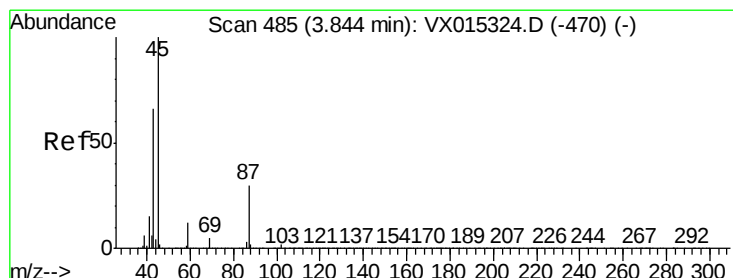
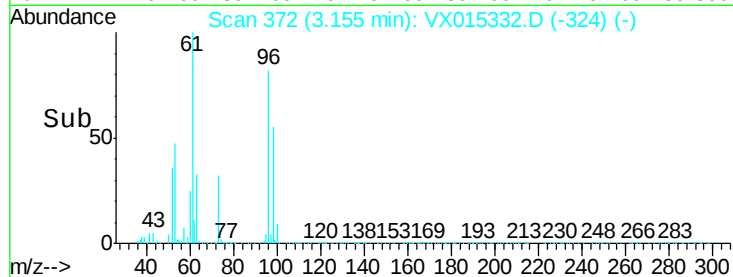
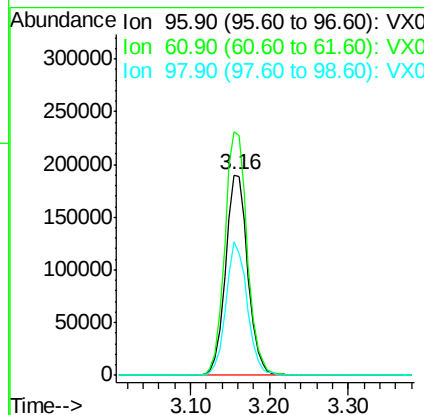
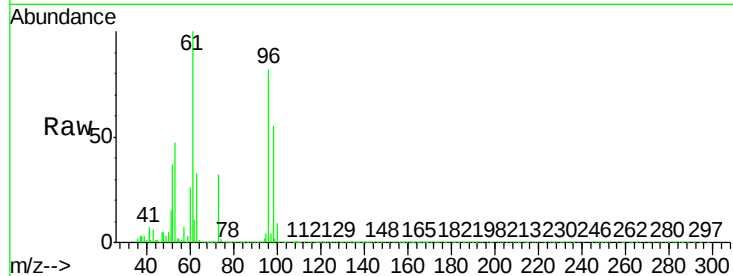
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	374199
Ion	Ratio	Lower	Upper
96	100		
61	121.4	95.5	143.3
98	66.4	50.2	75.2

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#22

Diisopropyl ether

Concen: 44.909 ug/l

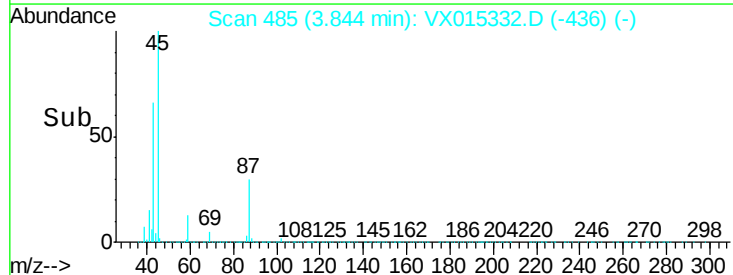
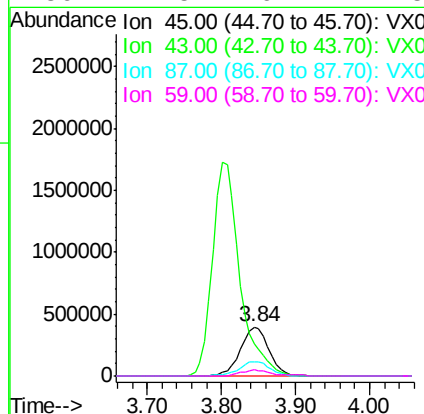
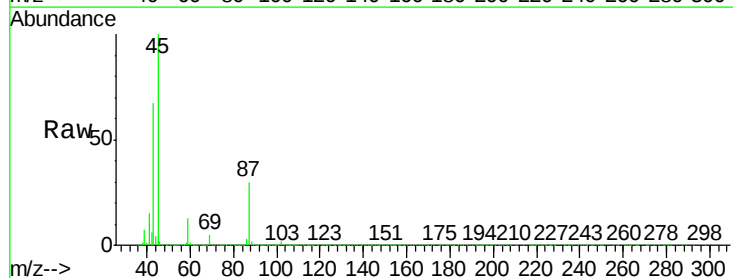
RT: 3.84 min Scan# 485

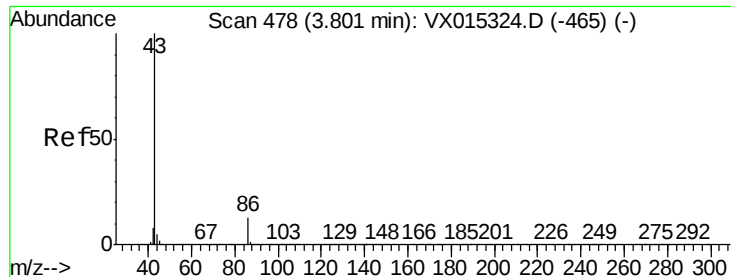
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	45	Resp:	1063964
Ion	Ratio	Lower	Upper
45	100		
43	66.1	52.8	79.2
87	30.0	24.3	36.5
59	12.5	9.7	14.5





#23

Vinyl Acetate

Concen: 232.449 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4392228

Ion Ratio Lower Upper

43 100

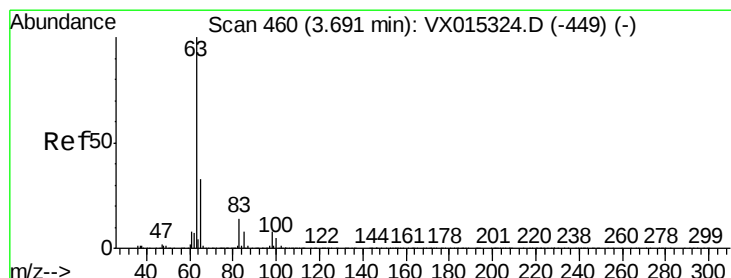
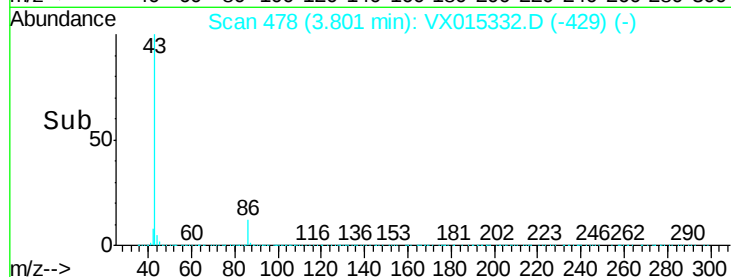
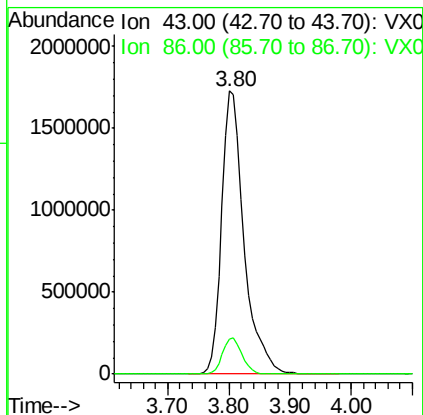
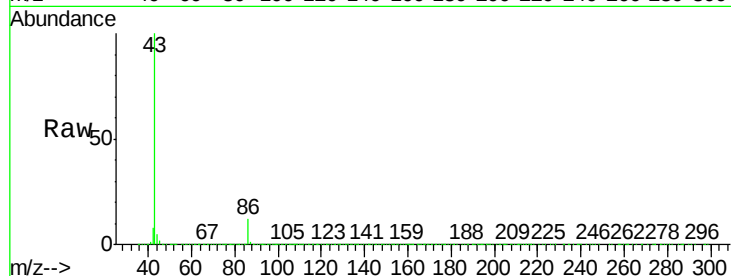
86 12.2 10.1 15.1

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#24

1,1-Dichloroethane

Concen: 41.181 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

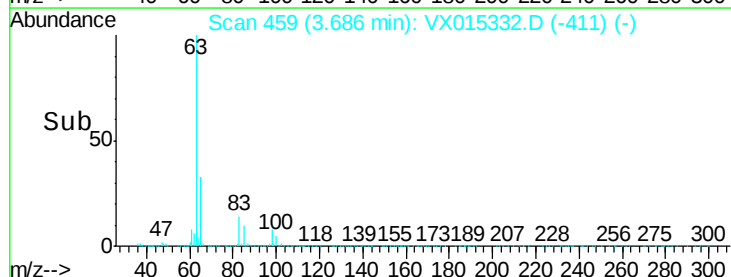
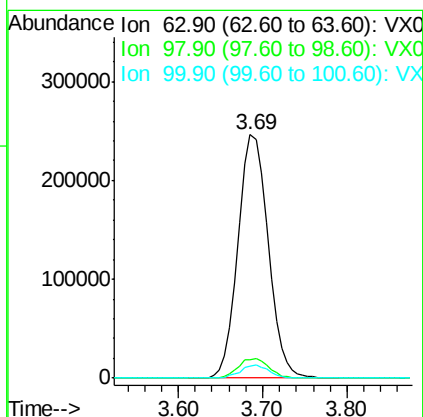
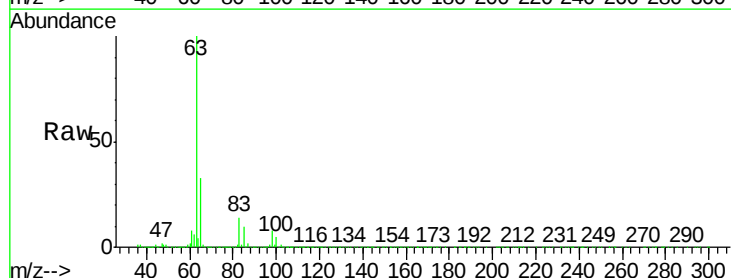
Tgt Ion: 63 Resp: 595580

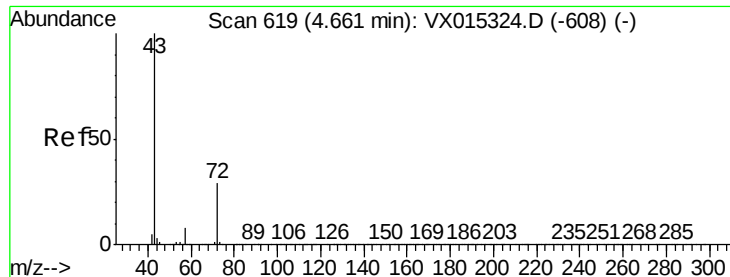
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 224.656 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tot Ion: 43 Resp: 1106791

Ion Ratio Lower Upper

43 100

72 29.4 23.1 34.7

Instrument :

MSVOA_X

ClientSampleId :

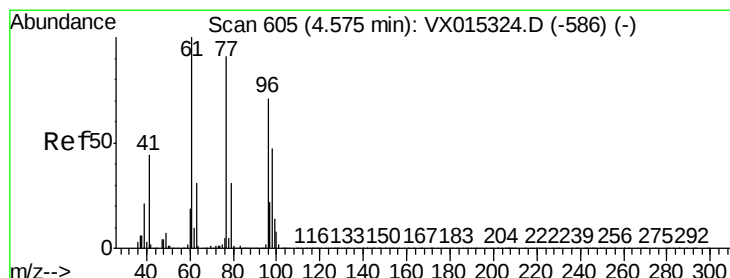
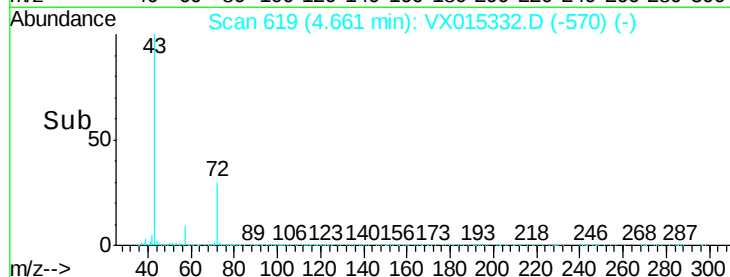
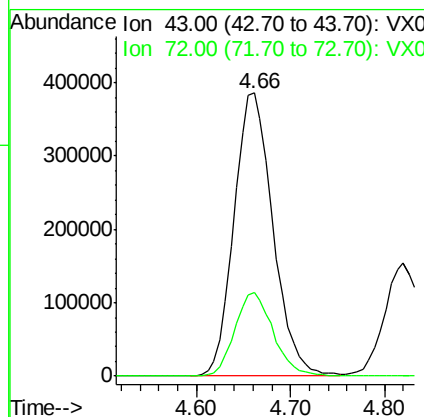
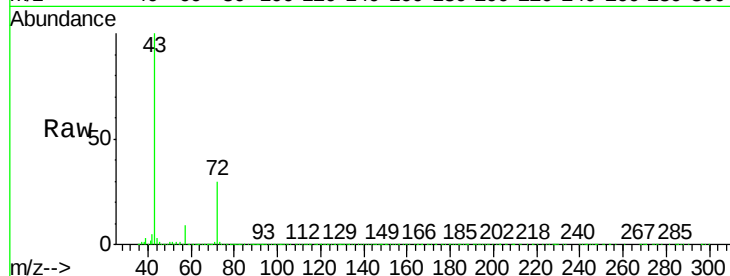
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 40.831 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015332.D

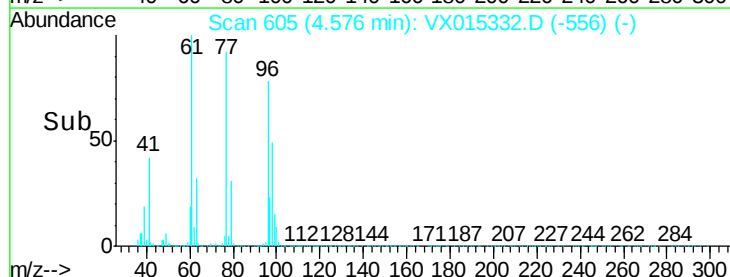
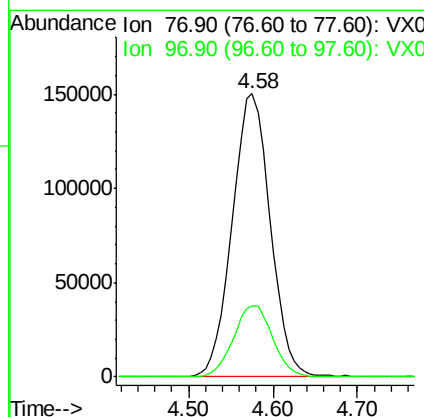
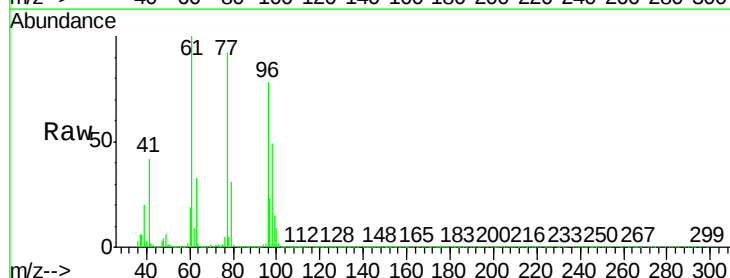
Acq: 18 Mar 2020 18:34

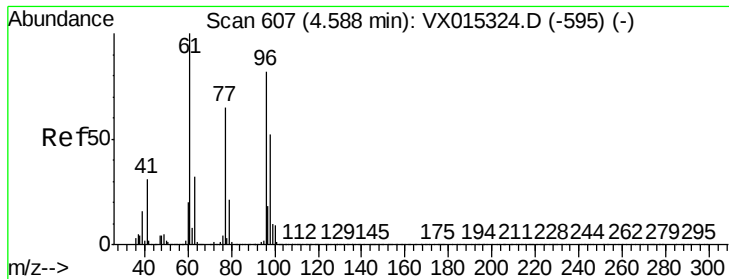
Tgt Ion: 77 Resp: 458901

Ion Ratio Lower Upper

77 100

97 25.7 13.0 38.9





#27

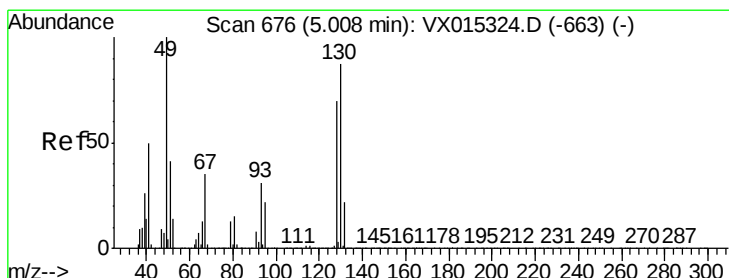
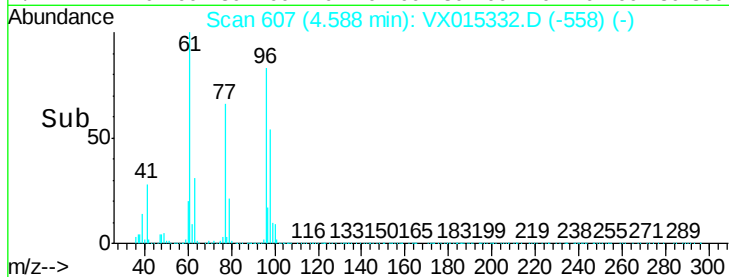
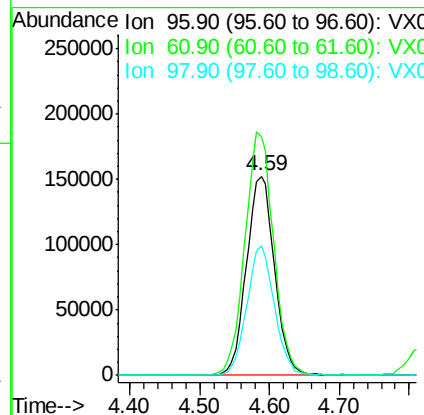
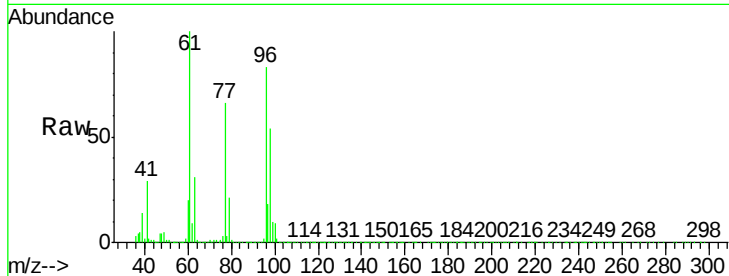
cis-1,2-Dichloroethene
Concen: 45.095 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	424873		
61	124.3	0.0	255.8	
98	64.1	0.0	128.8	

Manual Integrations
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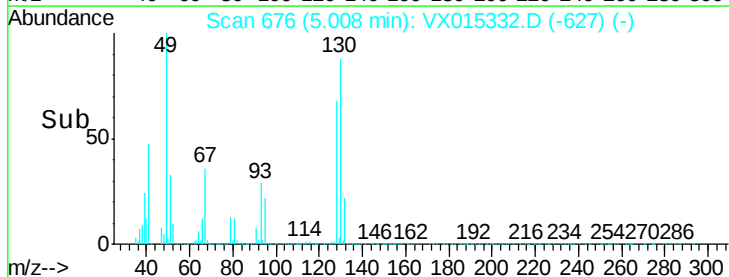
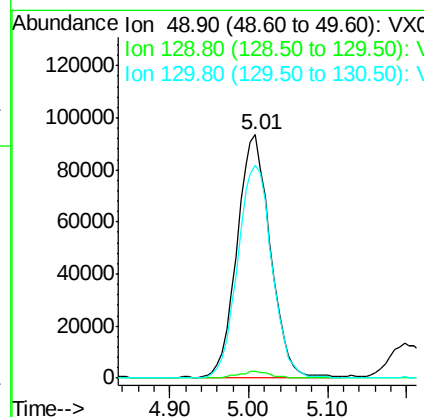
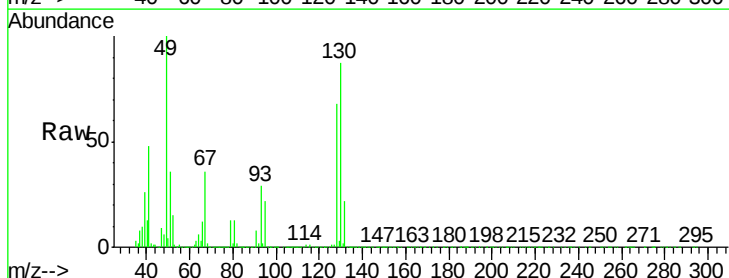
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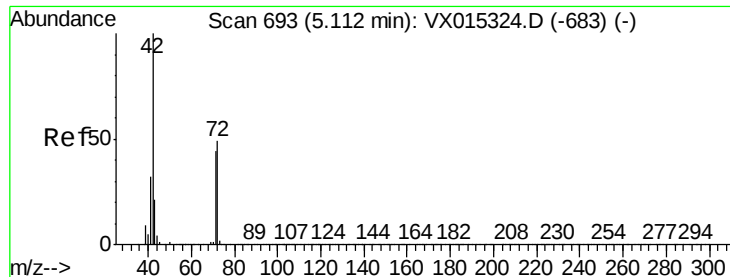


#28

Bromochloromethane
Concen: 46.228 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	272973		
129	2.6	0.0	5.4	
130	90.4	69.9	104.9	





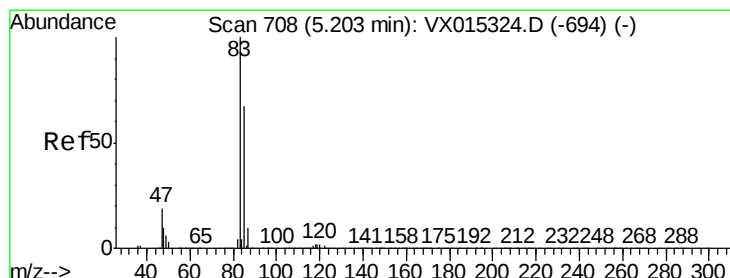
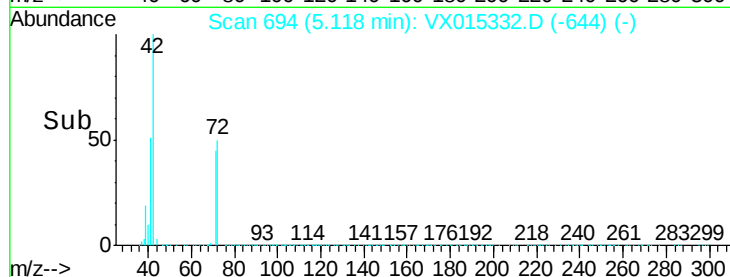
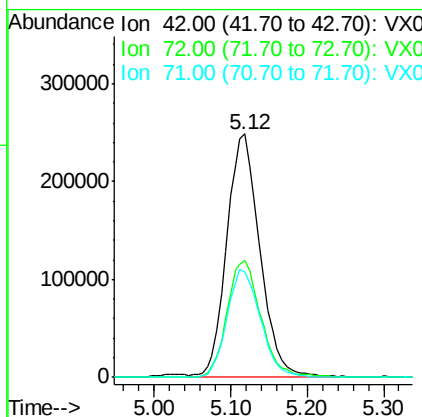
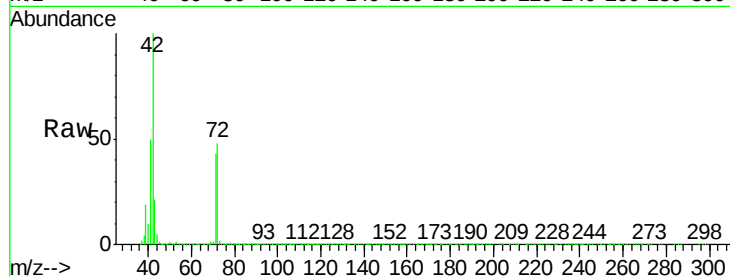
#29
Tetrahydrofuran
Concen: 230.512 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.6	59.4
71	45.0	36.5	54.7

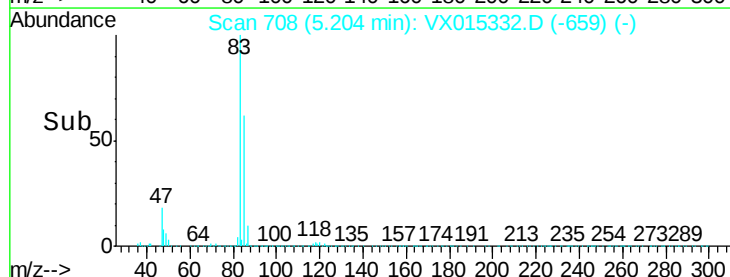
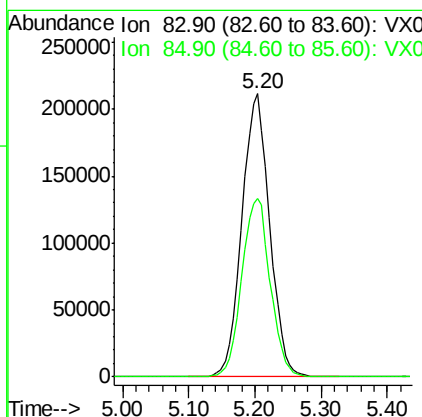
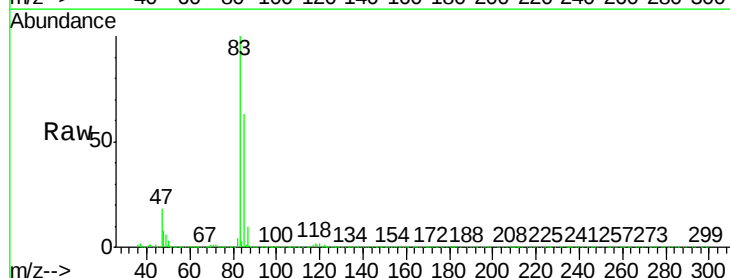
Manual Integrations
APPROVED

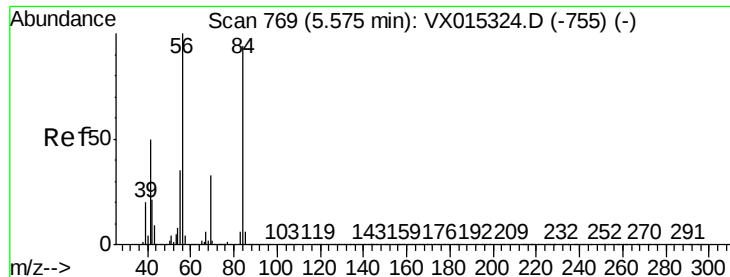
MMDadoda
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#30
Chloroform
Concen: 42.163 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.8	80.6





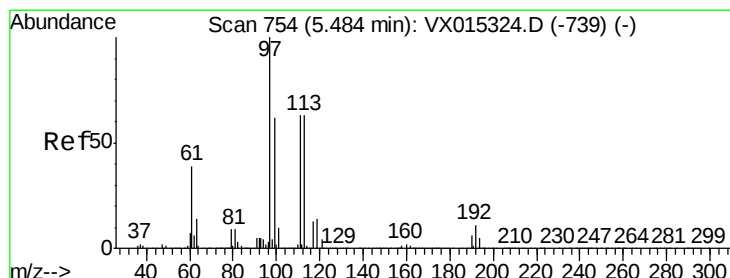
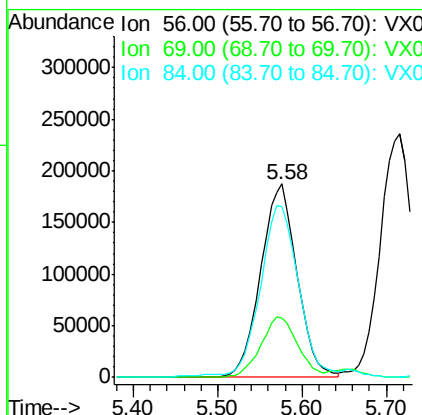
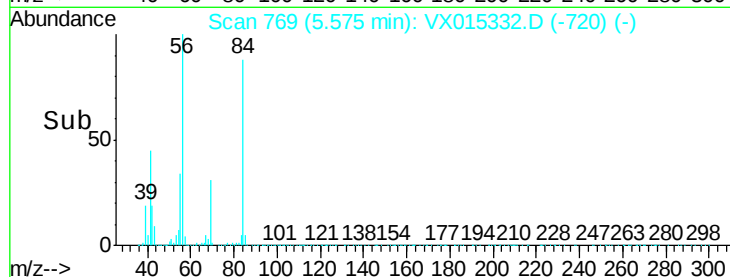
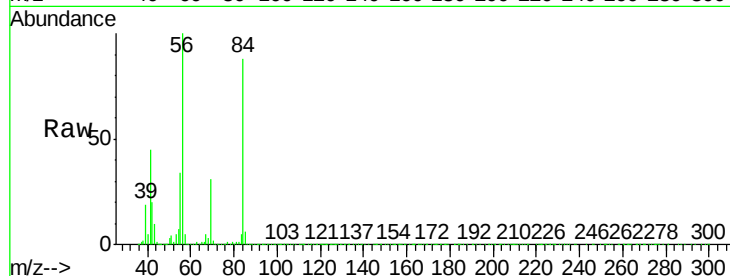
#31
Cyclohexane
Concen: 46.806 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.2	39.4
84	87.6	75.2	112.8

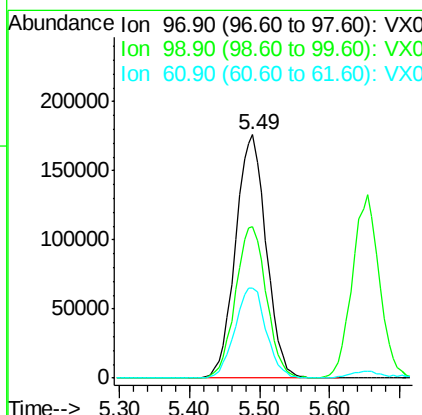
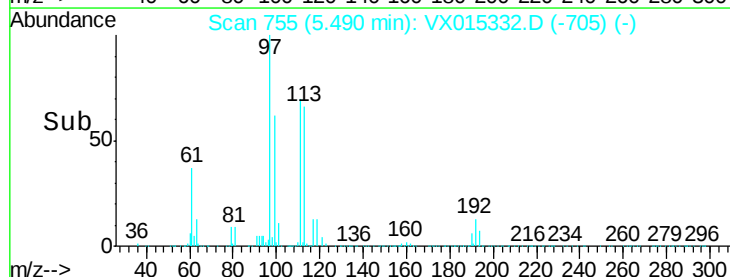
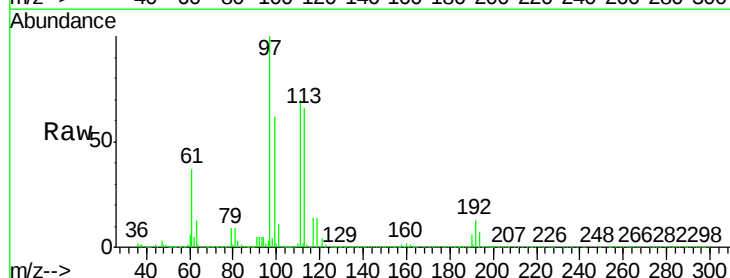
Manual Integrations
APPROVED

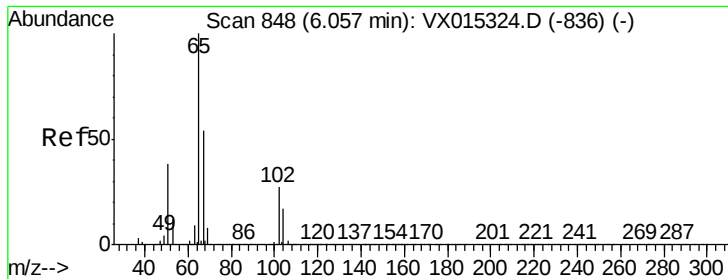
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#32
1,1,1-Trichloroethane
Concen: 44.373 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	37.7	31.7	47.5





#33

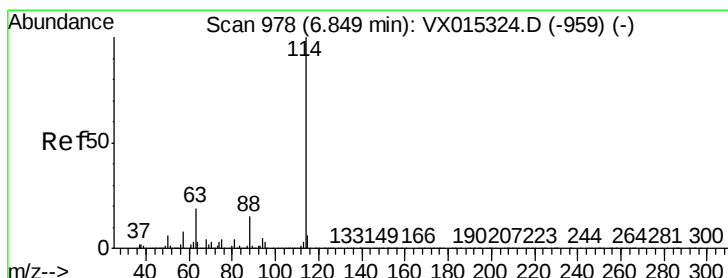
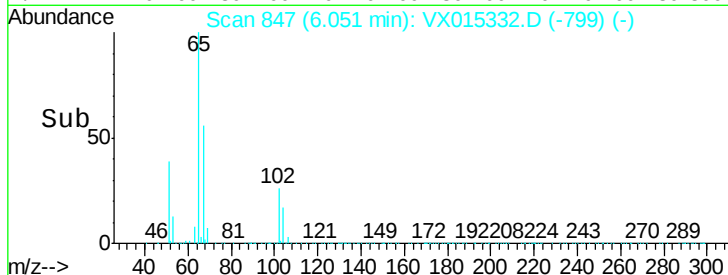
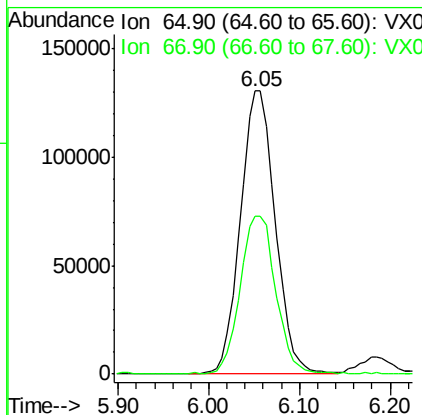
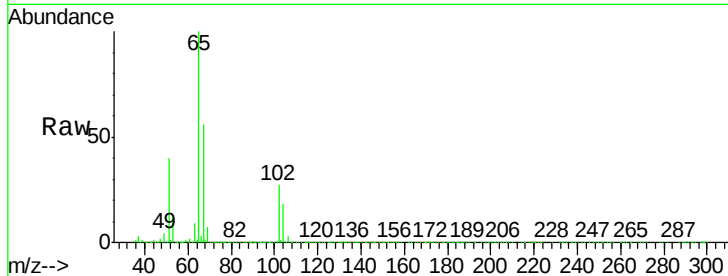
1,2-Dichloroethane-d4
Concen: 44.669 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	345166		
67	57.1	0.0	108.6	

Manual Integrations
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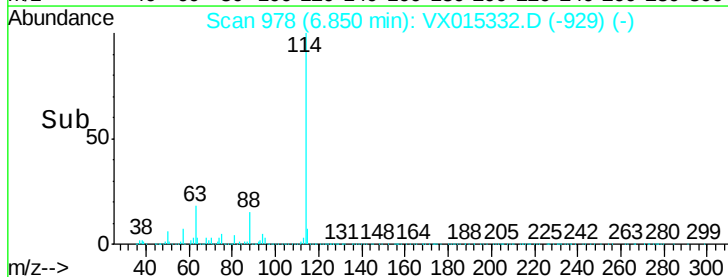
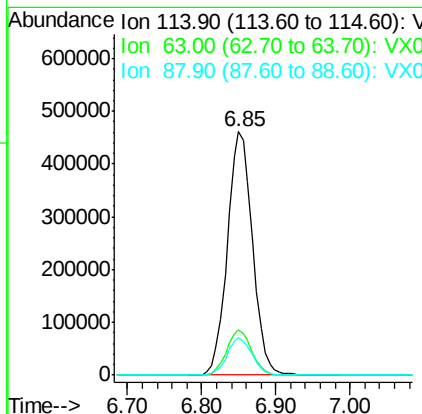
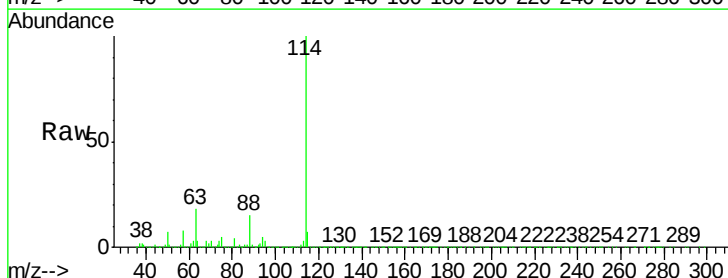
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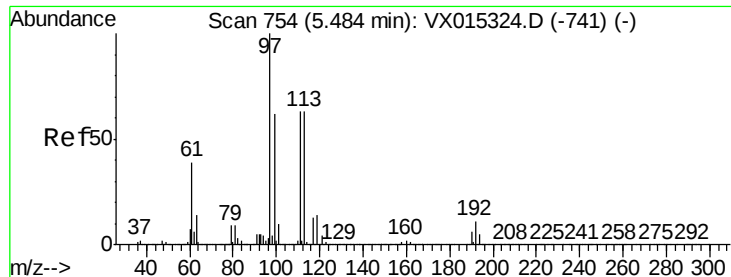


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1083974		
63	18.3	0.0	37.4	
88	15.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 47.174 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

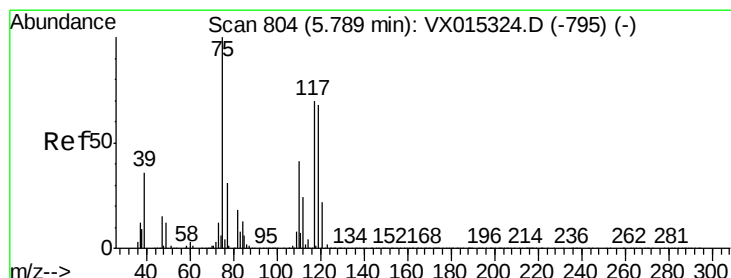
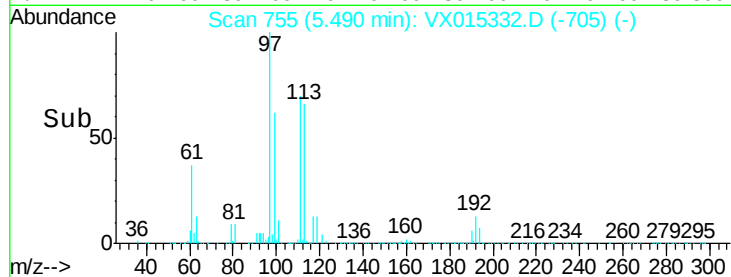
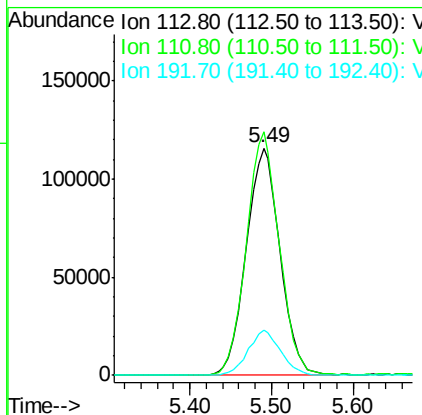
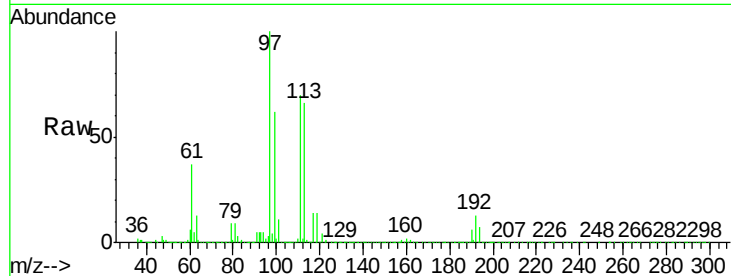
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	333214
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.5	123.7
192	19.1	14.2	21.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.328 ug/l

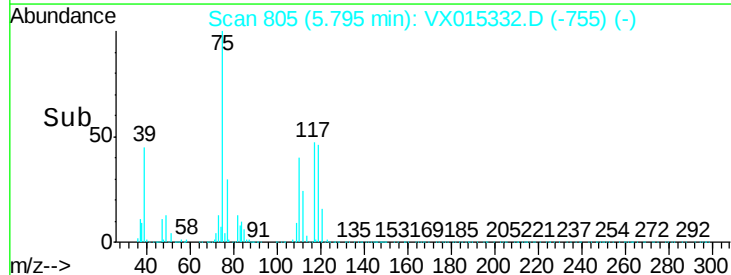
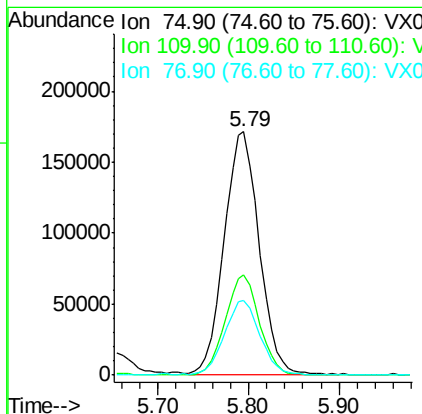
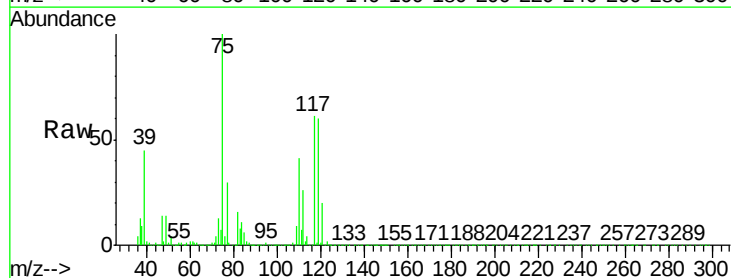
RT: 5.79 min Scan# 805

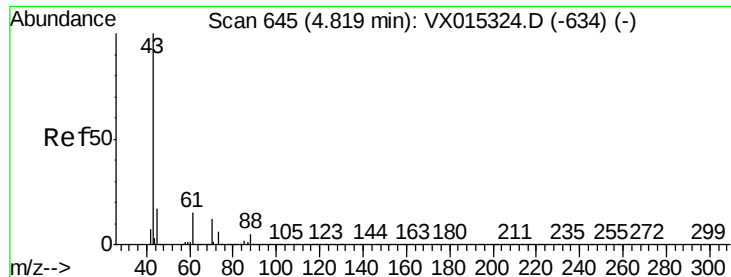
Delta R.T. 0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	75	Resp:	455824
Ion Ratio	Lower	Upper	
75	100		
110	40.5	19.4	58.4
77	31.1	24.6	37.0





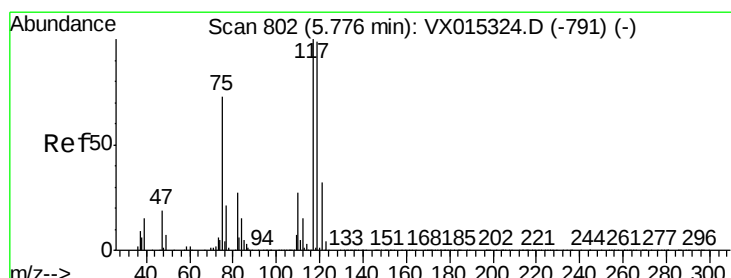
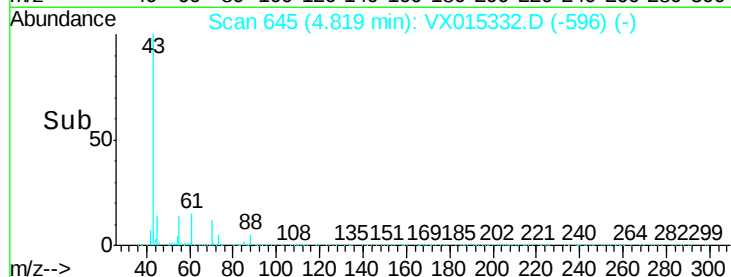
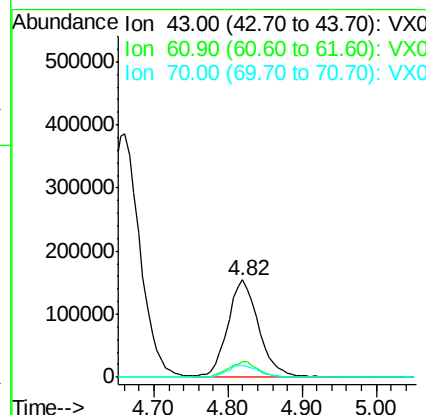
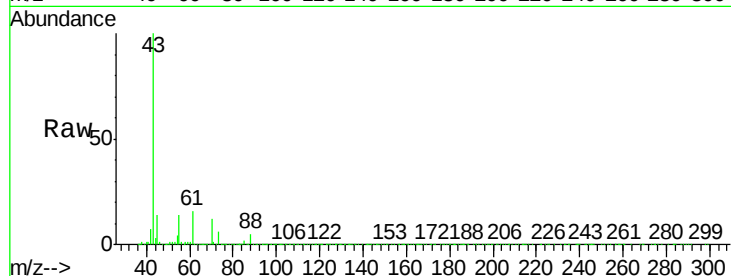
#37
Ethyl Acetate
Concen: 47.381 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	442234
Ion Ratio	Lower	Upper	
43	100		
61	15.1	12.2	18.2
70	12.7	9.8	14.6

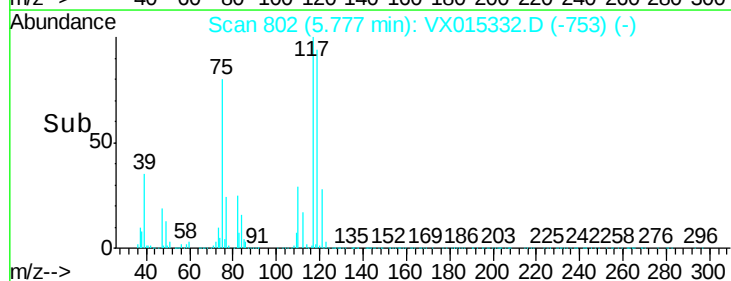
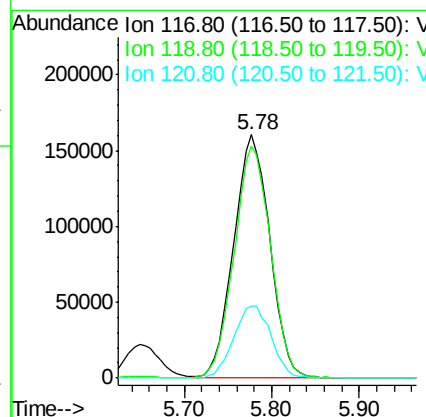
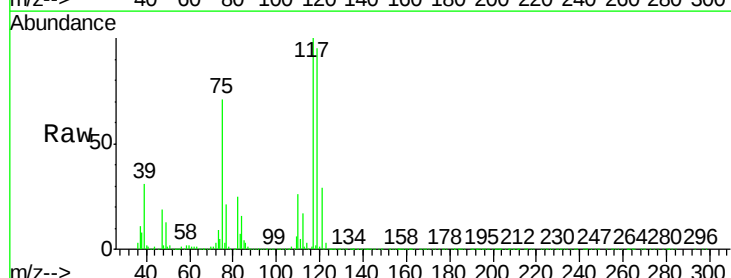
Manual Integrations
APPROVED

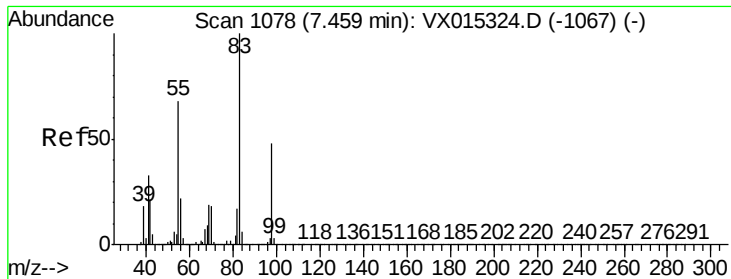
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#38
Carbon Tetrachloride
Concen: 47.054 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	117	Resp	459691
Ion Ratio	Lower	Upper	
117	100		
119	95.3	79.3	118.9
121	29.2	25.4	38.0





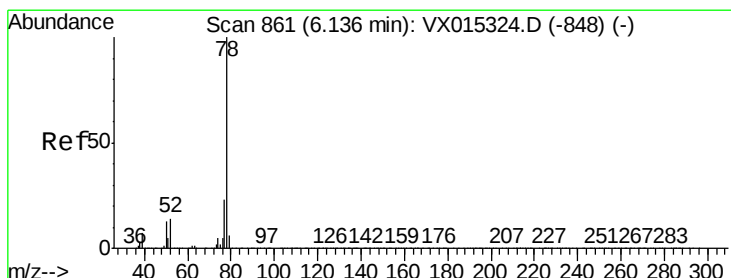
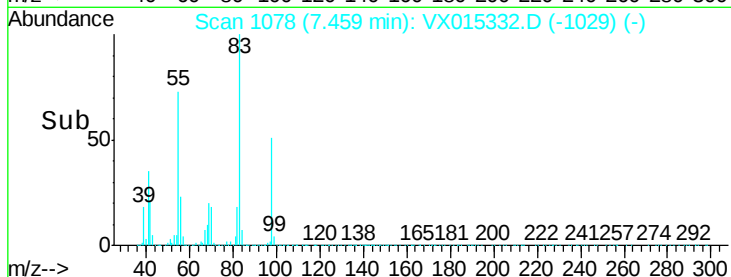
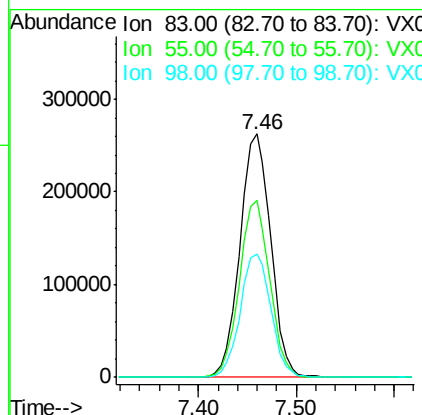
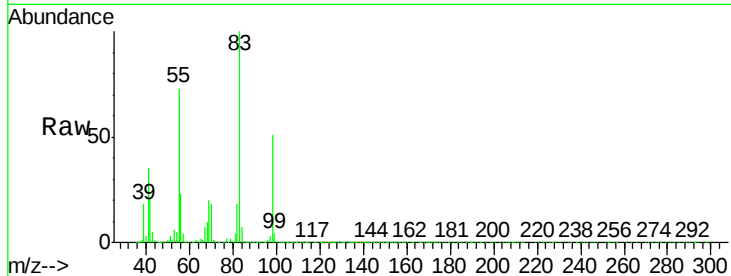
#39
Methvlcvclohexane
Concen: 46.161 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	54.8	82.2
98	50.8	38.8	58.2

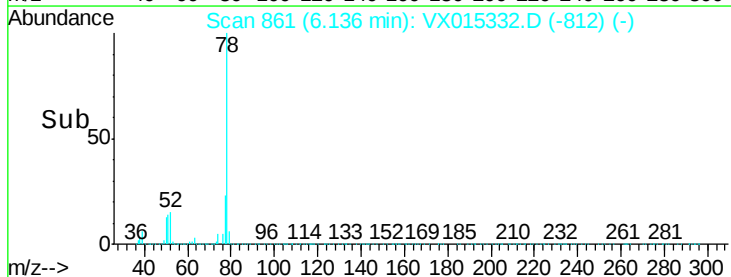
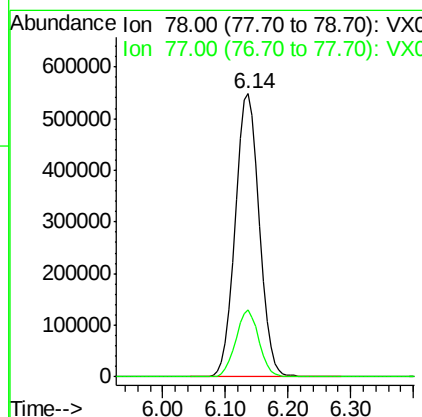
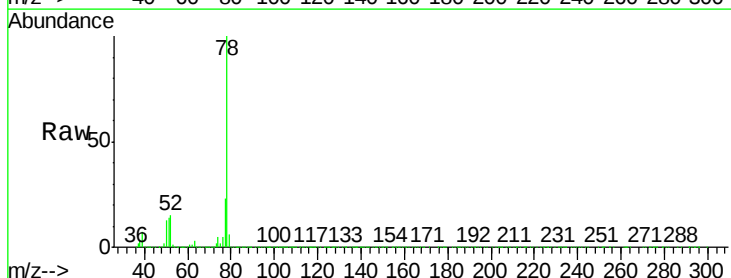
Manual Integrations
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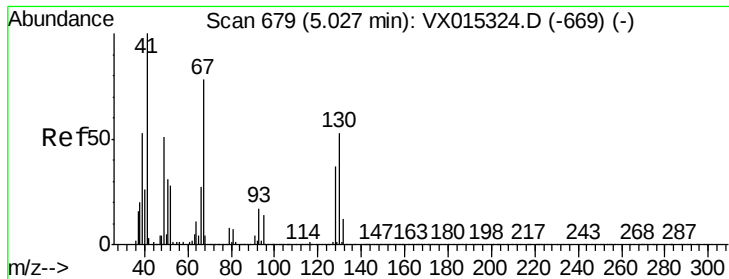
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#40
Benzene
Concen: 46.642 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.4





#41

Methacrylonitrile

Concen: 48.372 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

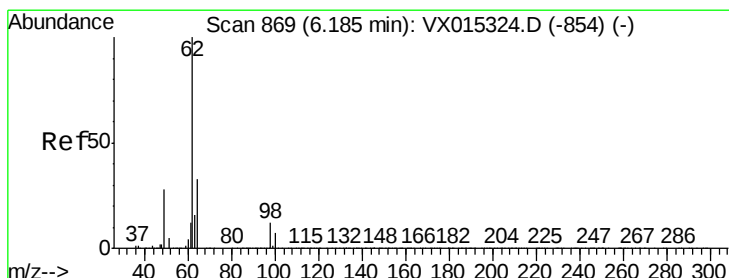
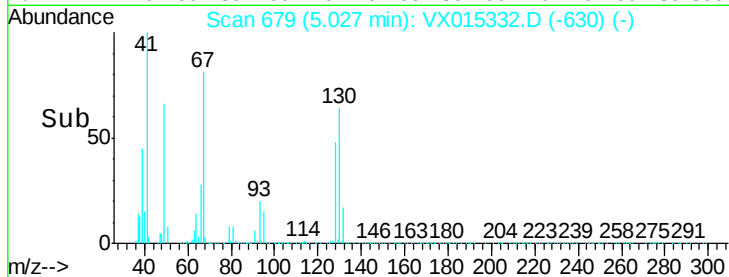
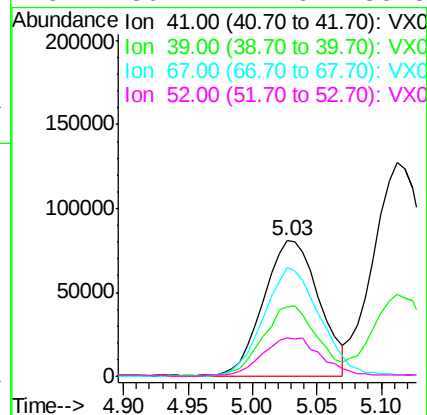
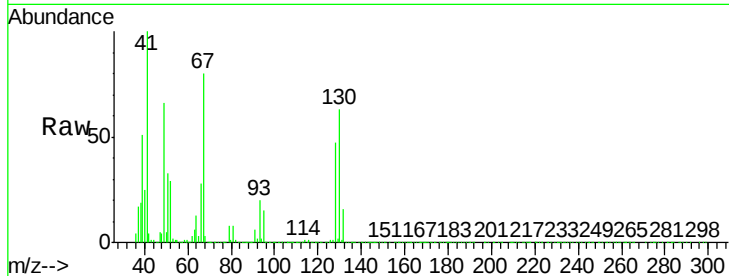
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	43.0	64.6	
67	81.1	66.0	99.0	
52	30.2	24.6	36.8	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 45.216 ug/l

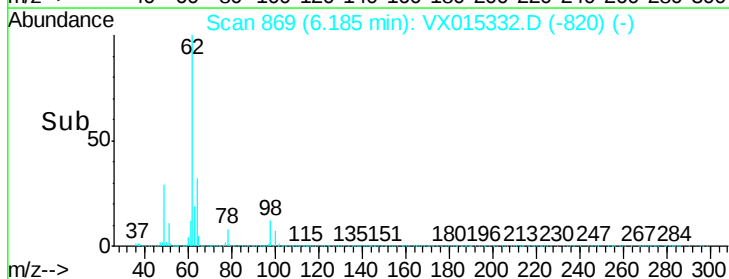
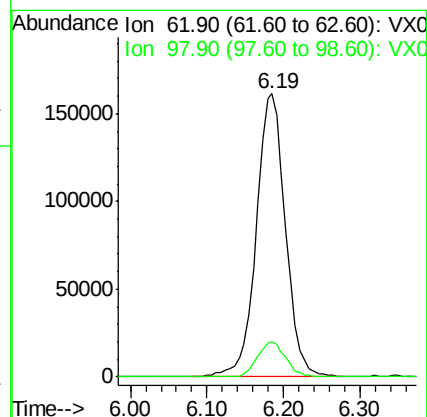
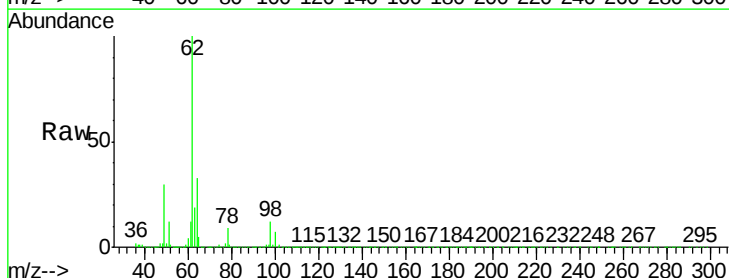
RT: 6.19 min Scan# 869

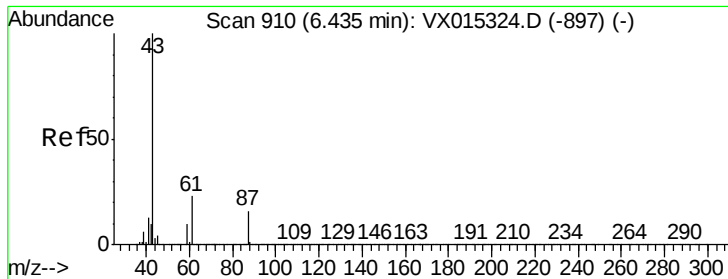
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.9	0.0	22.6	





#43

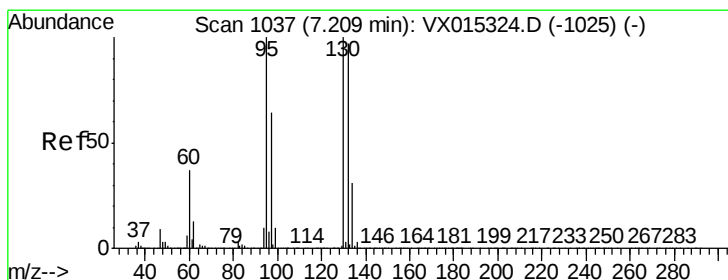
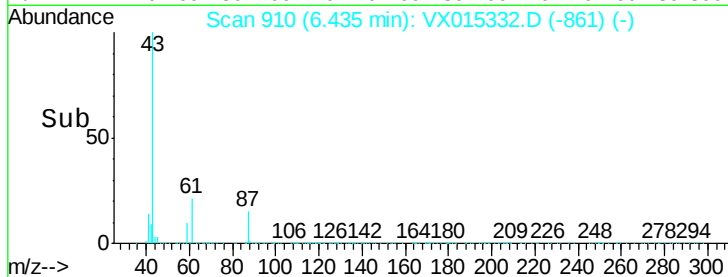
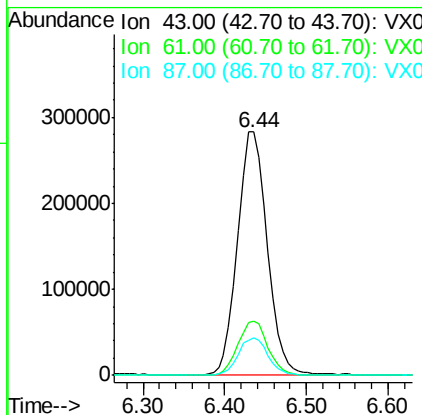
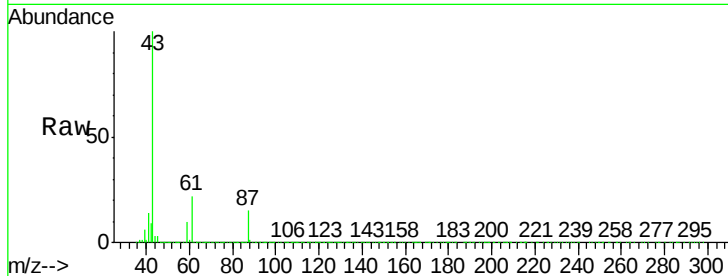
Isopropyl Acetate
 Concen: 50.277 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	712018
Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.2
87	15.4	12.3	18.5

Manual Integrations
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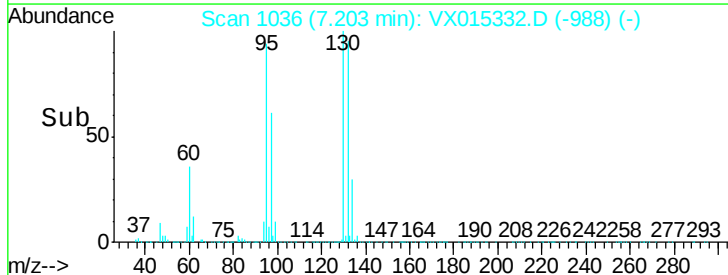
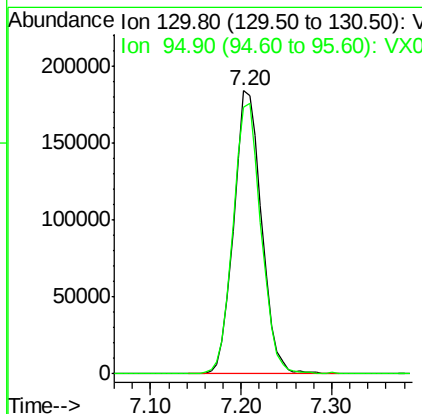
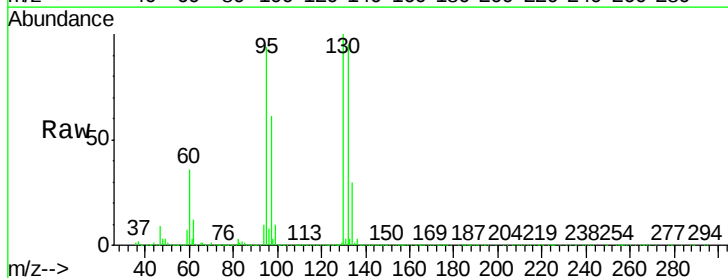
MMDadoda
 3/19/2020 12:01:07 PM

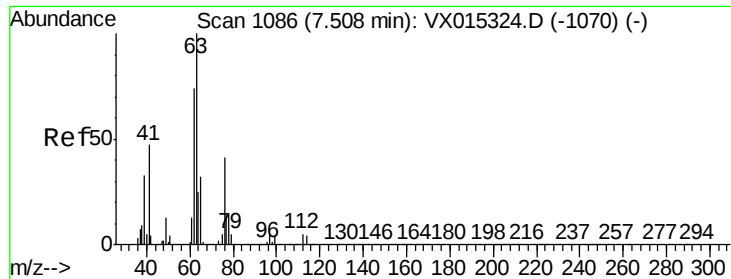


#44

Trichloroethene
 Concen: 45.488 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Tgt Ion:	130	Resp:	390030
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	200.4





#45

1,2-Dichloropropane

Concen: 48.169 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 355261

Ion Ratio Lower Upper

63 100

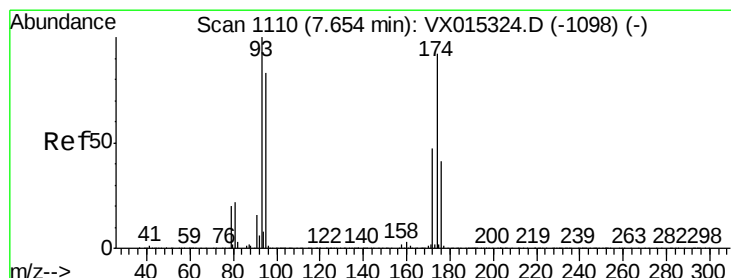
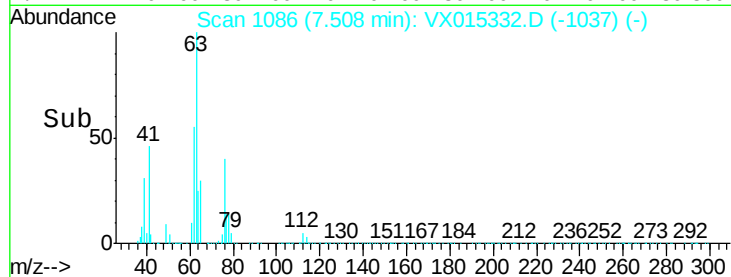
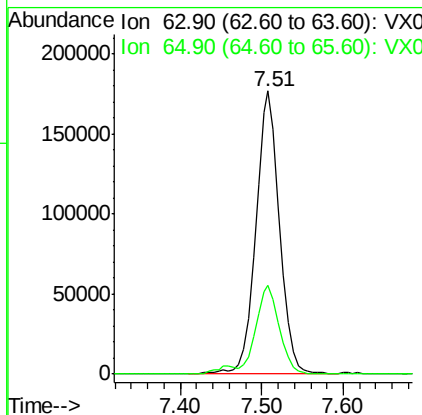
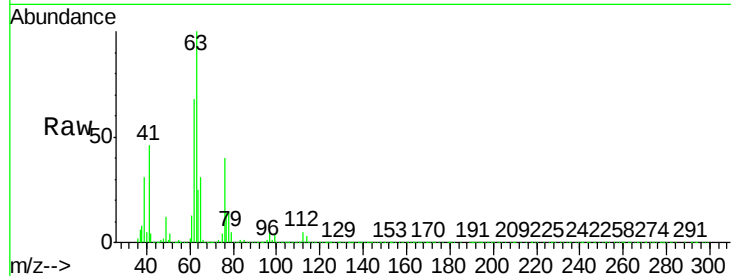
65 31.3 25.1 37.7

Manual Integrations

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#46

Dibromomethane

Concen: 46.772 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

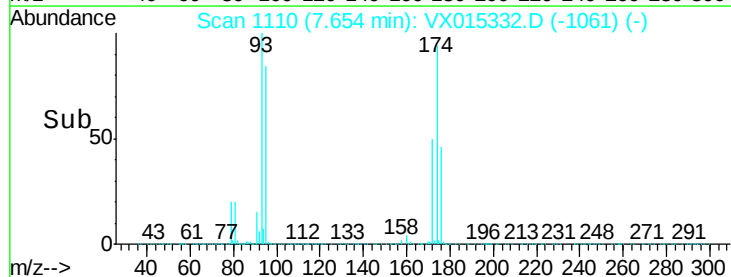
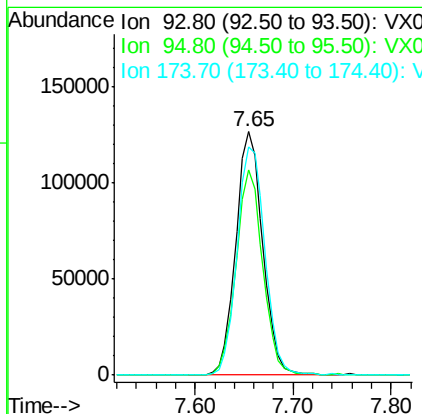
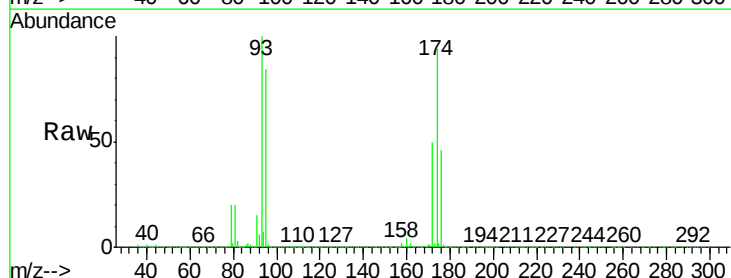
Tgt Ion: 93 Resp: 241359

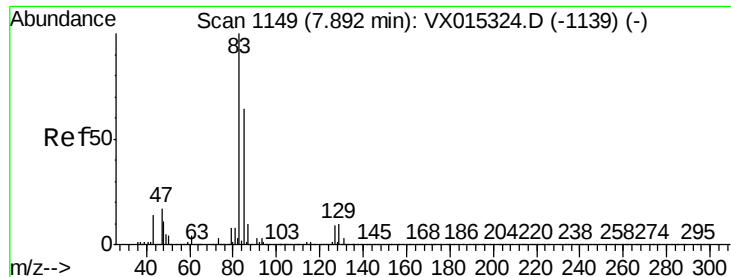
Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 97.3 74.2 111.2





#47

Bromodichloromethane

Concen: 48.269 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

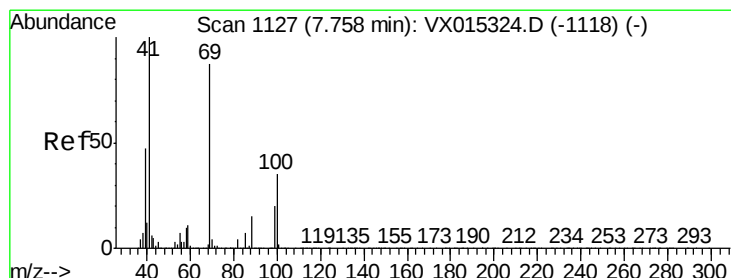
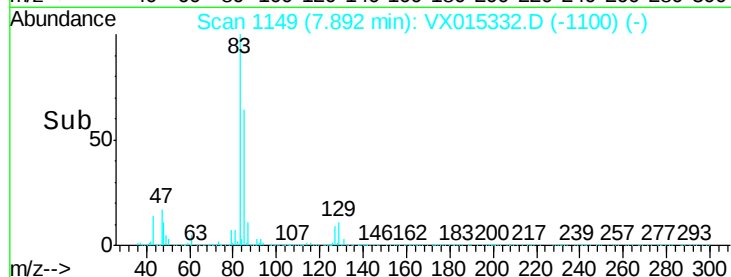
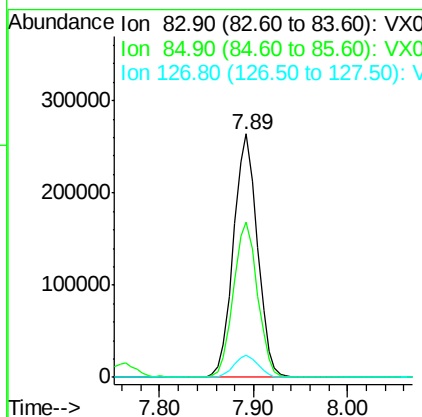
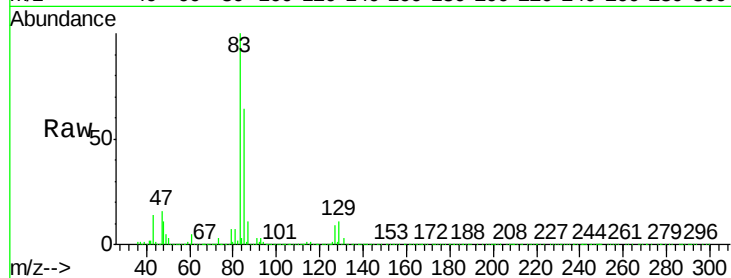
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	467779
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6
127	9.3	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.055 ug/l

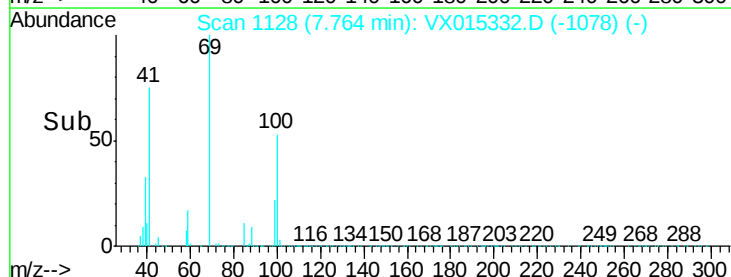
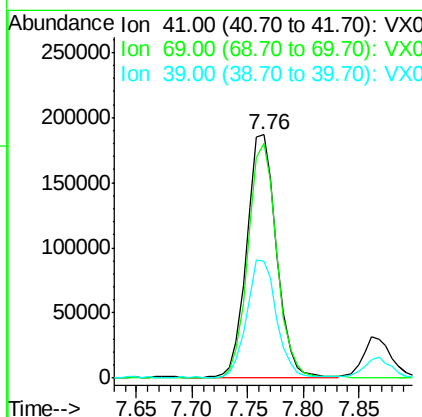
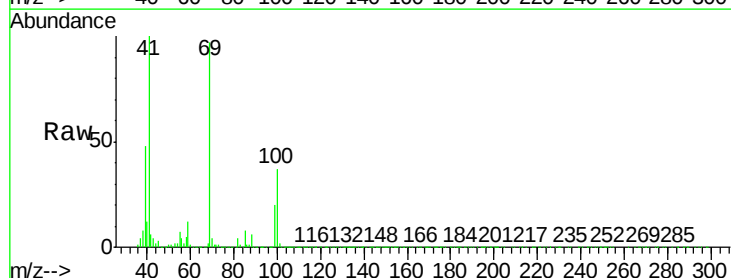
RT: 7.76 min Scan# 1128

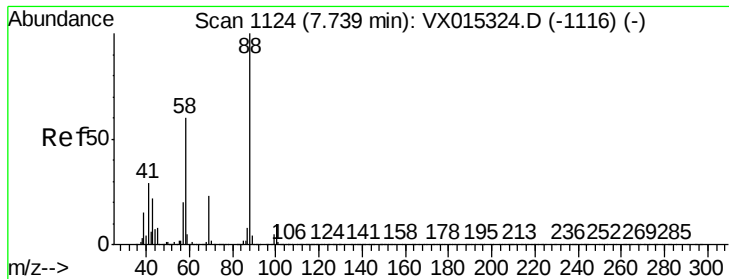
Delta R.T. 0.01 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	41	Resp:	346031
Ion Ratio	Lower	Upper	
41	100		
69	94.1	74.4	111.6
39	48.3	39.2	58.8





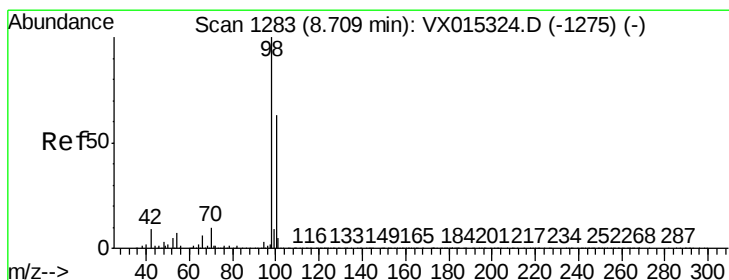
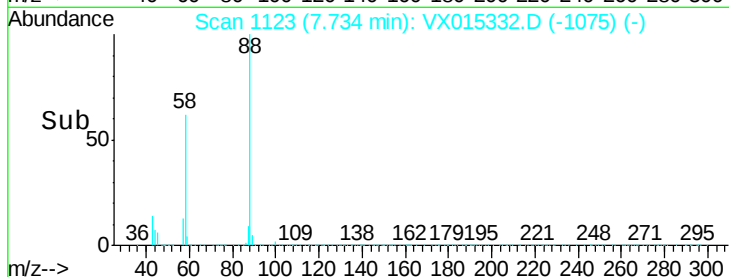
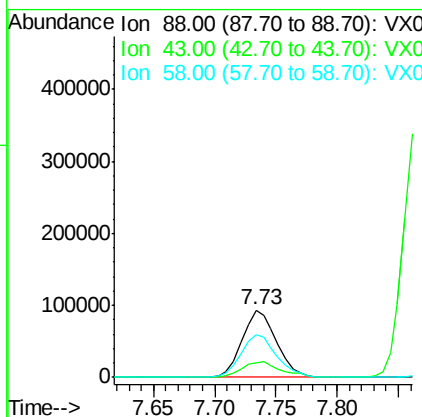
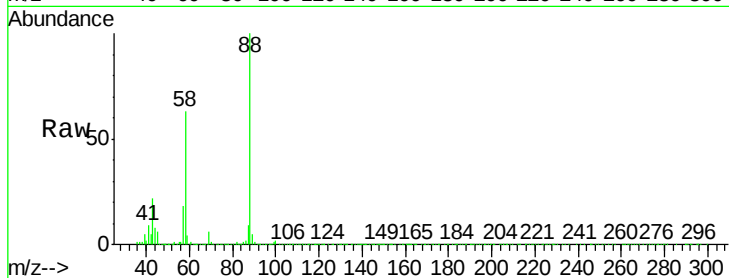
#49
1,4-Dioxane
Concen: 972.695 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.7	31.1
58	65.4	53.9	80.9

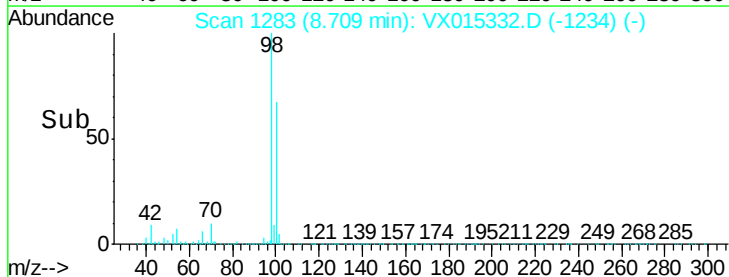
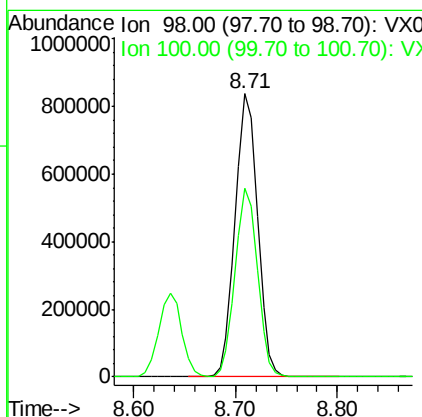
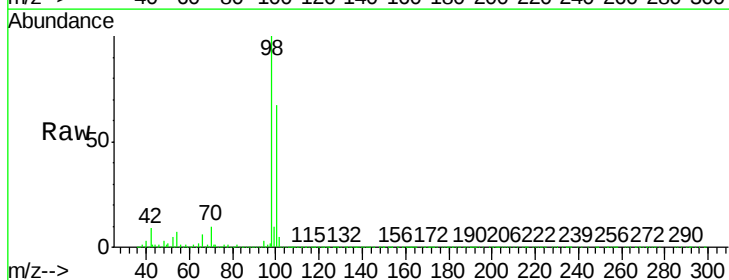
Manual Integrations
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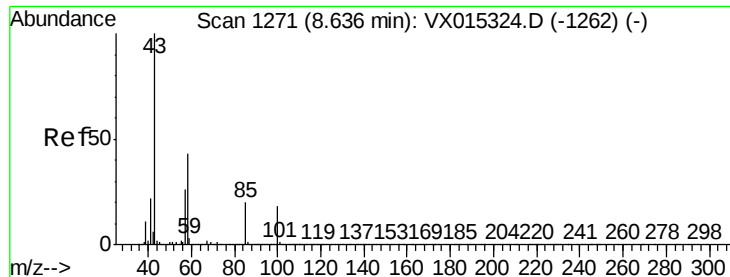
MMDadoda
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#50
Toluene-d8
Concen: 48.846 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 246.991 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2159103

Ion Ratio Lower Upper

43 100

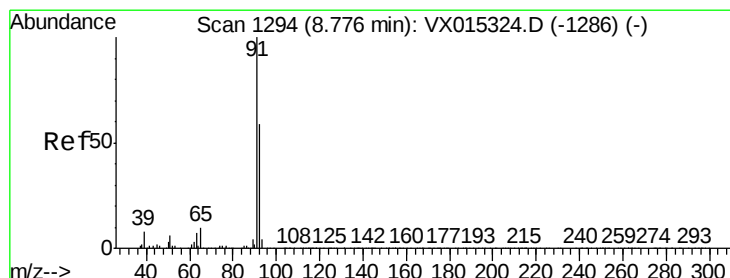
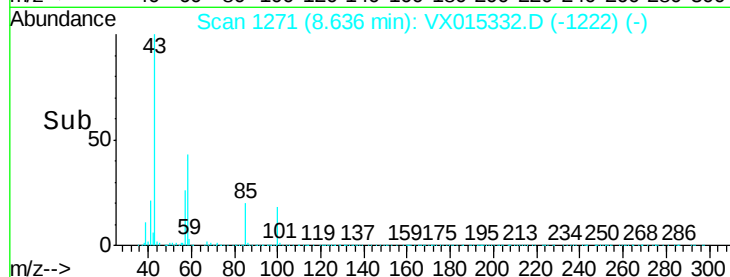
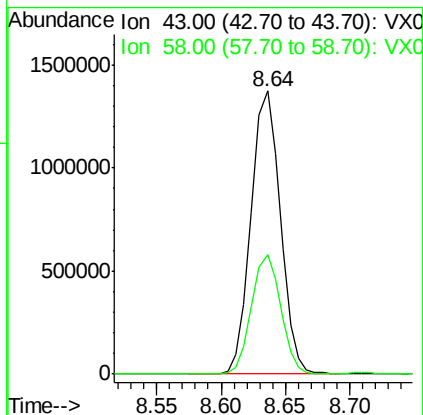
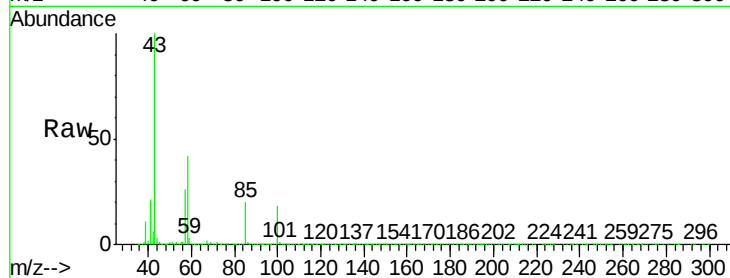
58 42.1 34.6 51.8

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#52

Toluene

Concen: 47.861 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015332.D

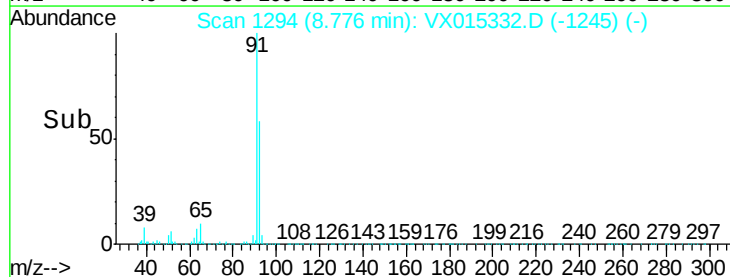
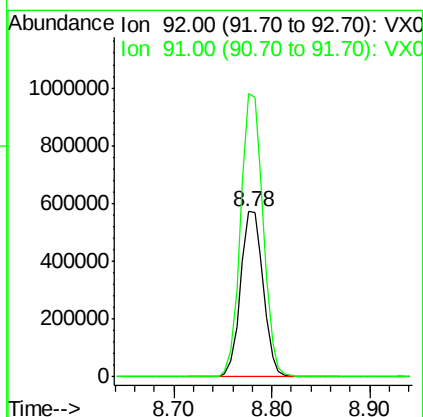
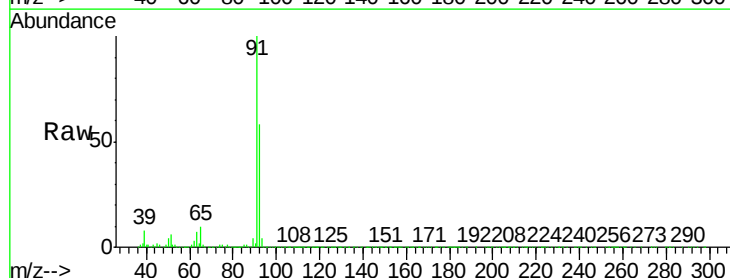
Acq: 18 Mar 2020 18:34

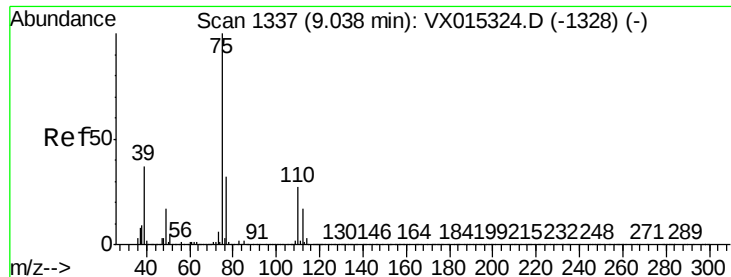
Tgt Ion: 92 Resp: 918298

Ion Ratio Lower Upper

92 100

91 169.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 49.694 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 515268

Ion Ratio Lower Upper

75 100

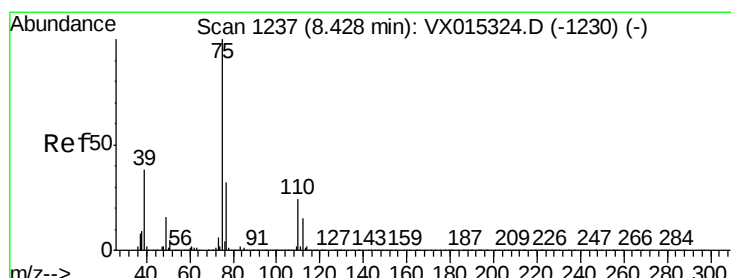
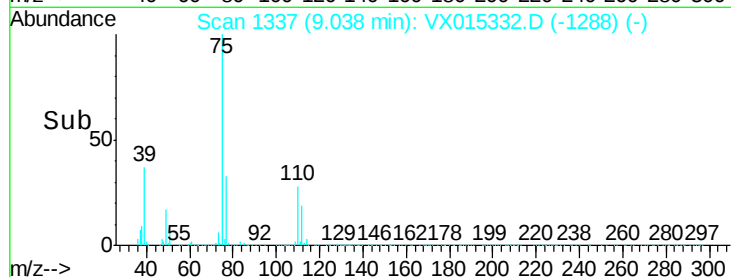
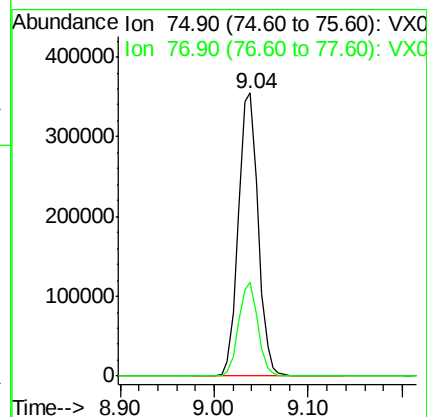
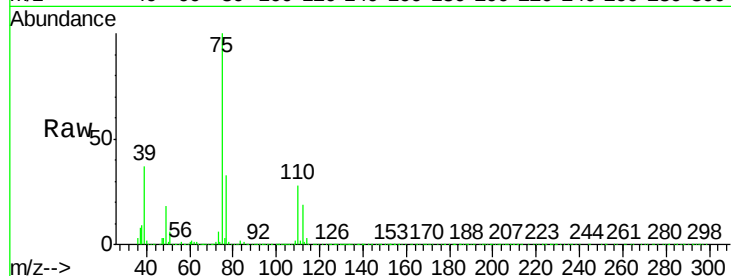
77 33.3 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.649 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

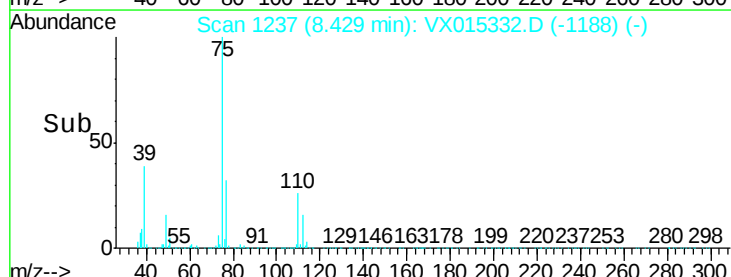
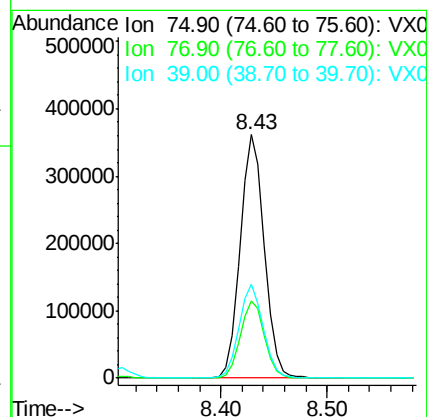
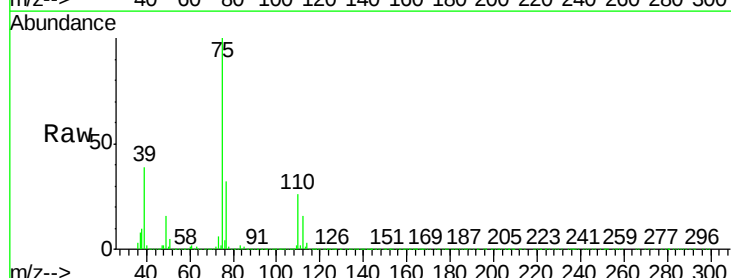
Tgt Ion: 75 Resp: 572852

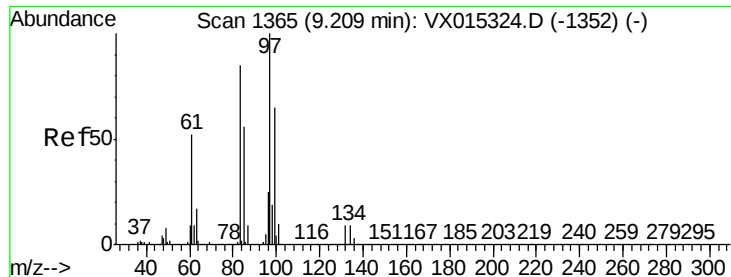
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 38.6 30.2 45.2





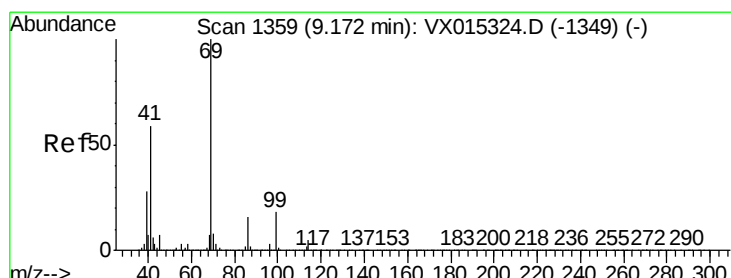
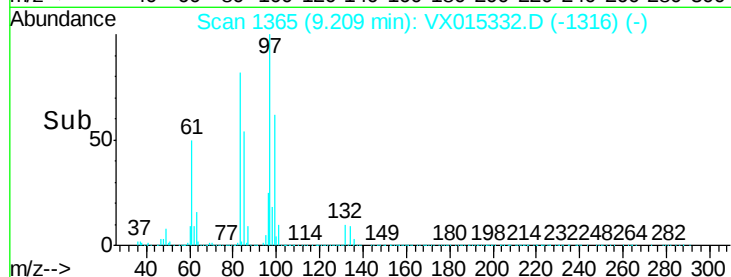
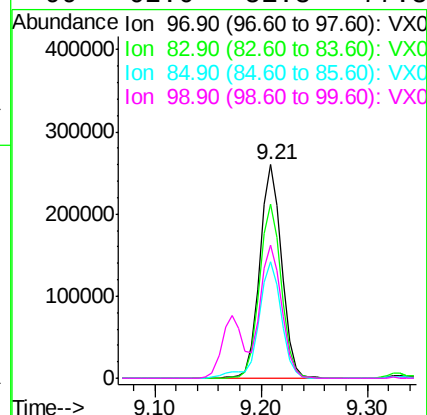
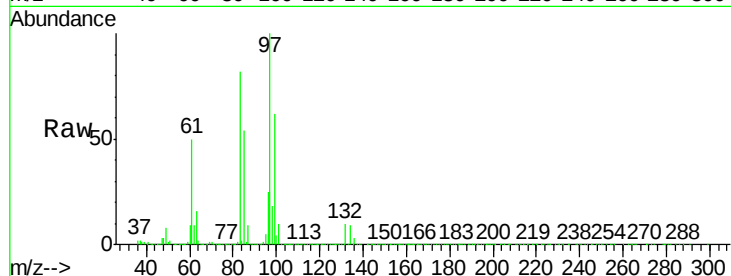
#55
 1,1,2-Trichloroethane
 Concen: 46.169 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		375592		
83	81.5	67.7	101.5		
85	54.2	44.5	66.7		
99	62.0	51.8	77.8		

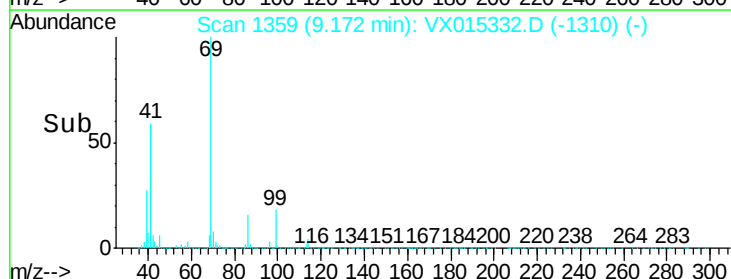
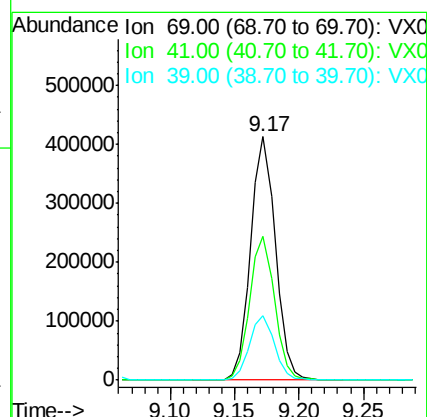
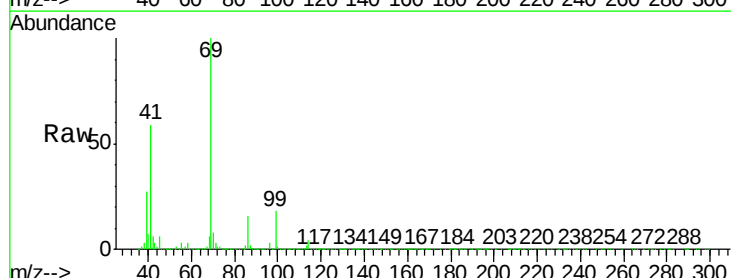
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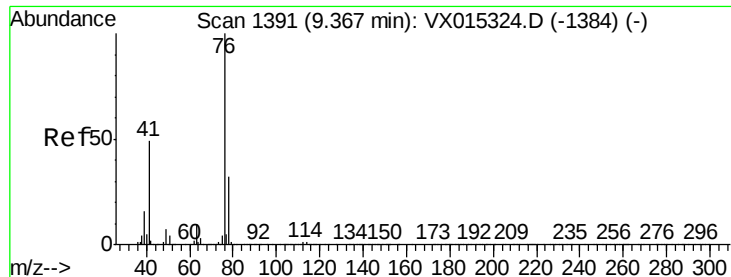
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#56
 Ethyl methacrylate
 Concen: 51.468 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		545362		
41	59.5	47.5	71.3		
39	26.7	23.0	34.4		





#57

1,3-Dichloropropane

Concen: 45.480 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 606762

Ion Ratio Lower Upper

76 100

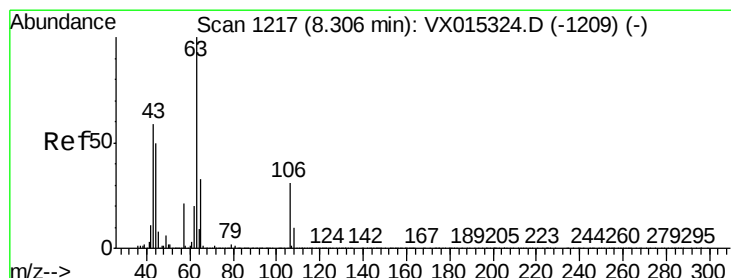
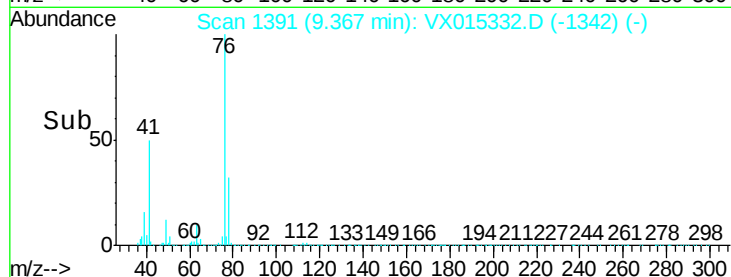
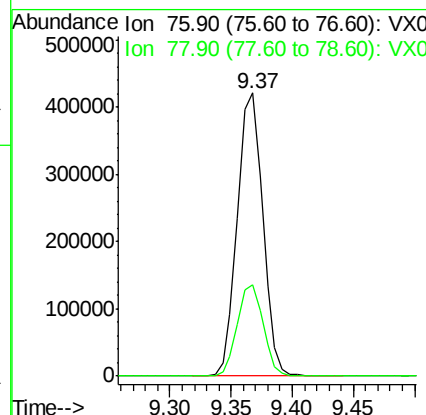
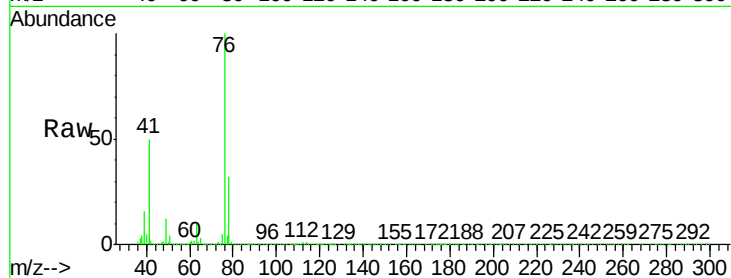
78 32.6 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 275.850 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015332.D

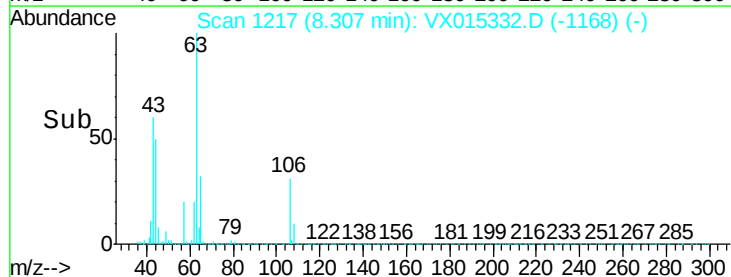
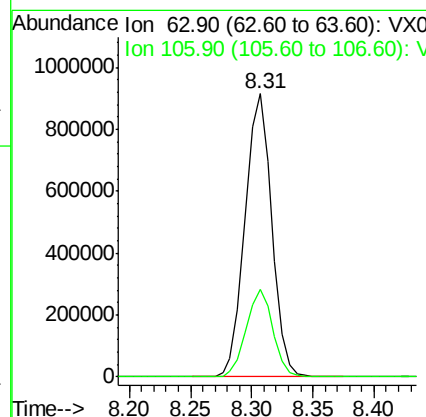
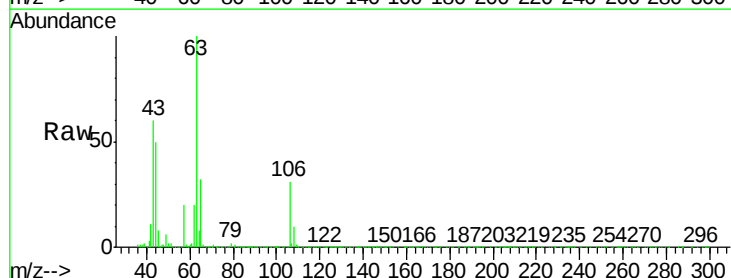
Acq: 18 Mar 2020 18:34

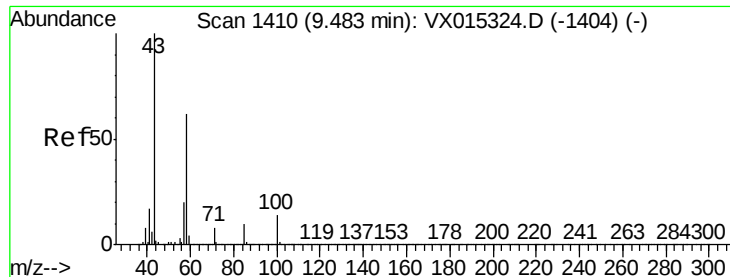
Tgt Ion: 63 Resp: 1387638

Ion Ratio Lower Upper

63 100

106 30.8 24.3 36.5





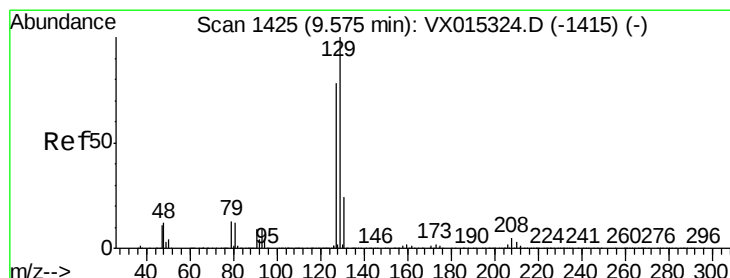
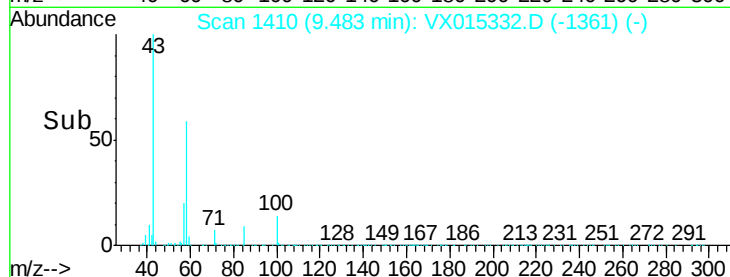
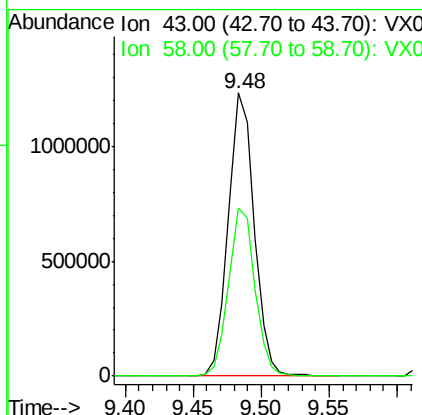
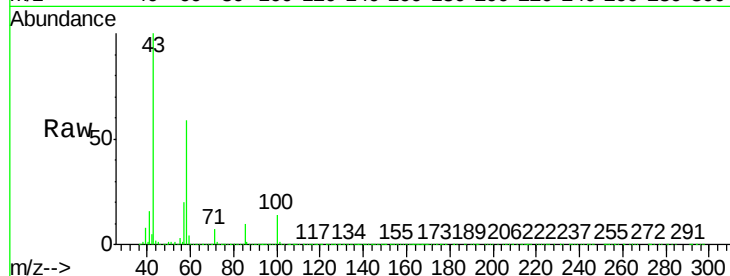
#59
2-Hexanone
Concen: 252.804 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1642544
Ion Ratio Lower Upper
43 100
58 60.3 30.3 90.8

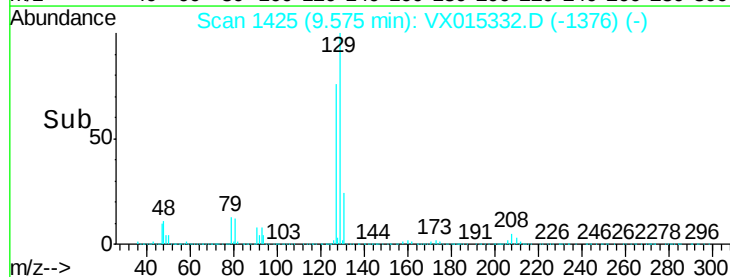
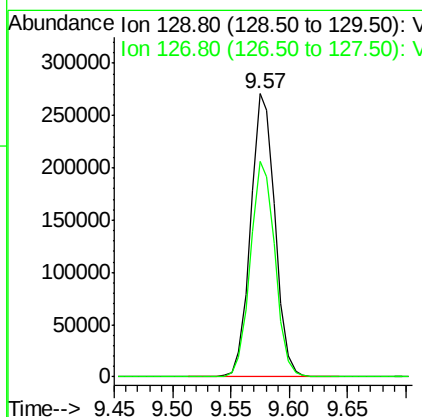
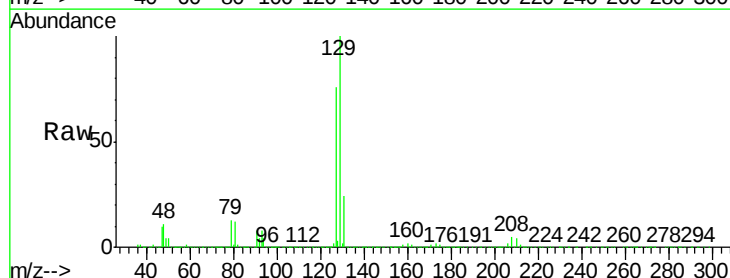
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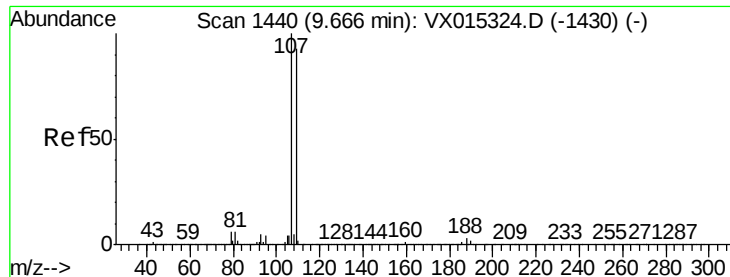
MMDadoda
3/19/2020 12:01:07 PM



#60
Dibromochloromethane
Concen: 49.836 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion: 129 Resp: 394730
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9





#61

1,2-Dibromoethane

Concen: 47.620 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 394586

Ion Ratio Lower Upper

107 100

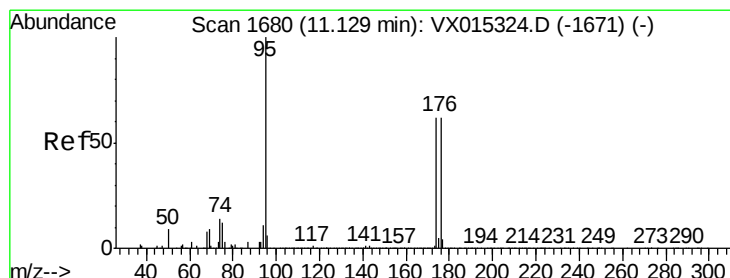
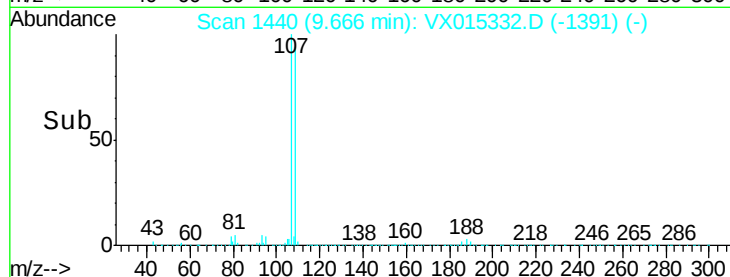
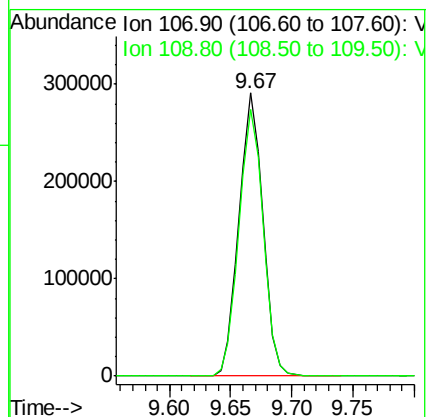
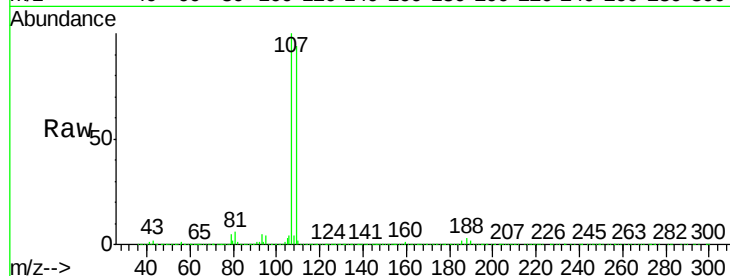
109 95.2 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.716 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

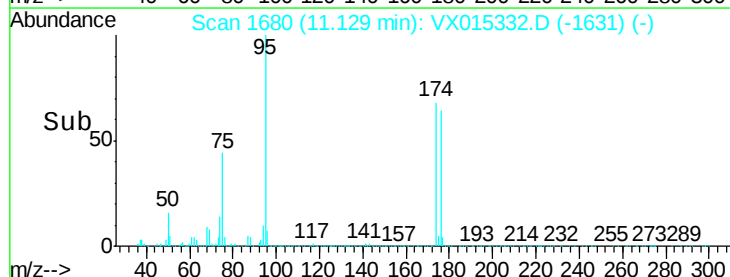
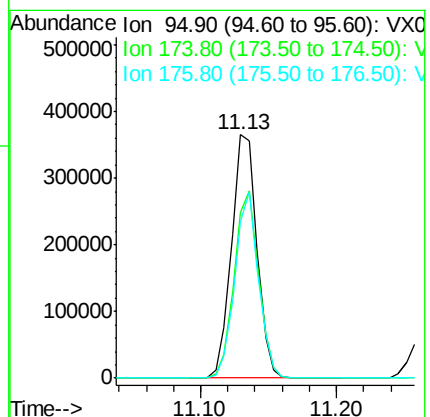
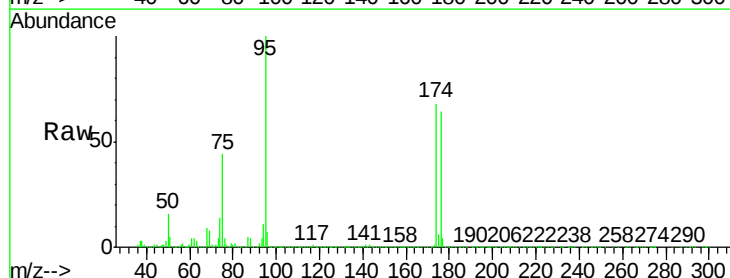
Tgt Ion: 95 Resp: 473372

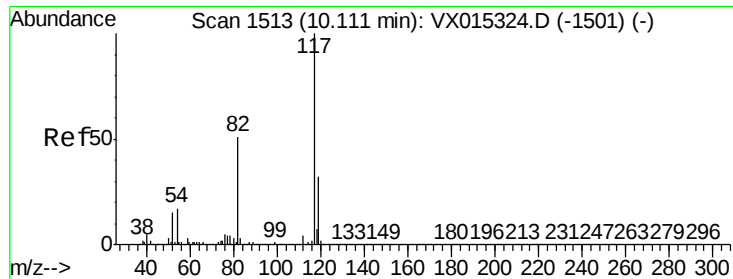
Ion Ratio Lower Upper

95 100

174 74.4 0.0 145.6

176 70.7 0.0 141.6





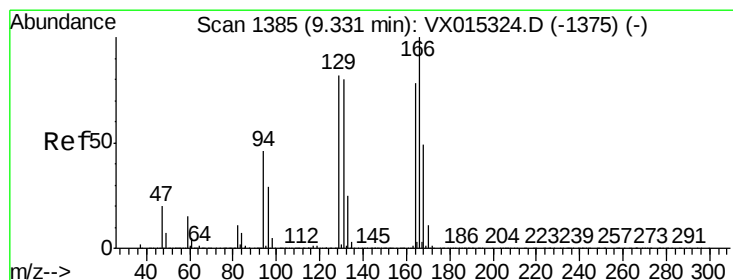
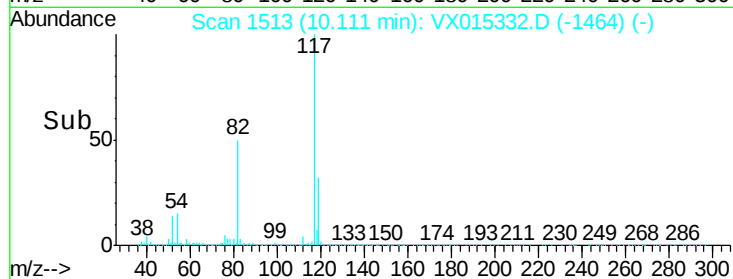
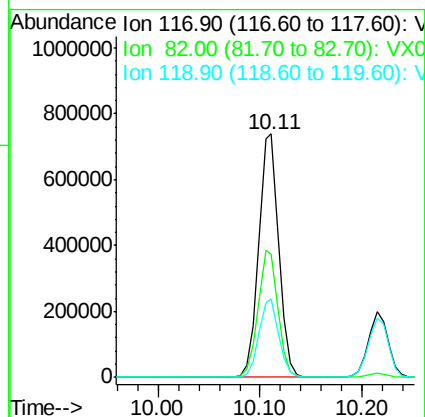
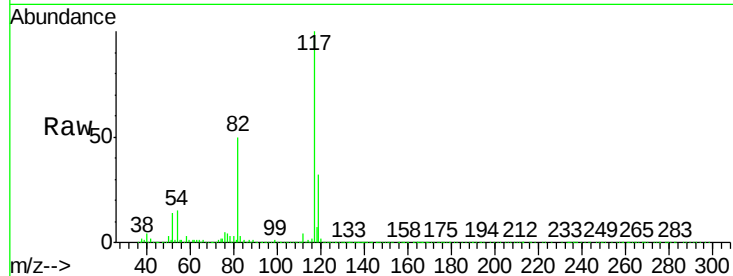
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.6	60.8
119	32.2	25.4	38.2

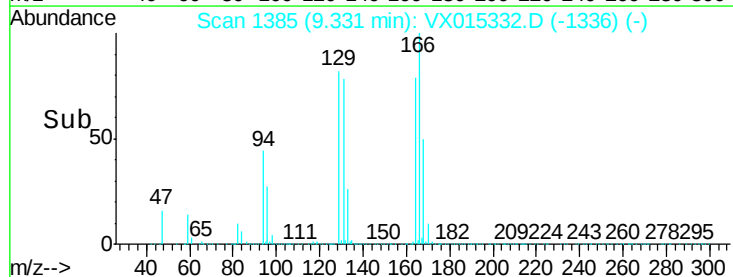
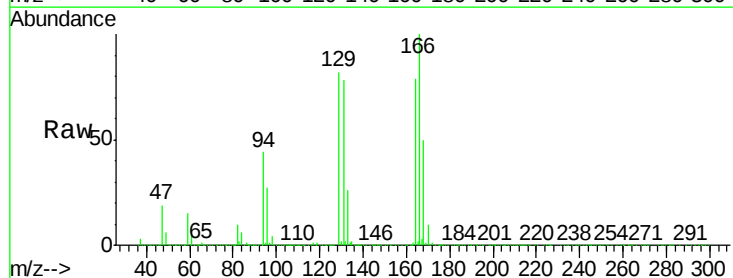
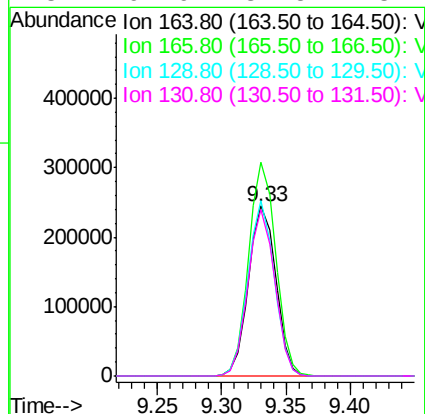
Manual Integrations
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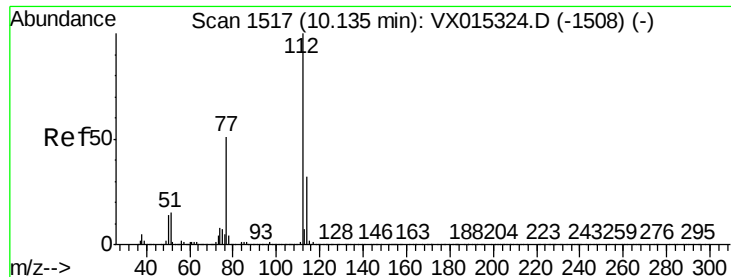
MMDadoda
3/19/2020 12:01:07 PM



#64
Tetrachloroethene
Concen: 47.766 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.6	153.8
129	103.1	84.5	126.7
131	97.9	82.5	123.7





#65

Chlorobenzene

Concen: 46.626 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1009068

Ion Ratio Lower Upper

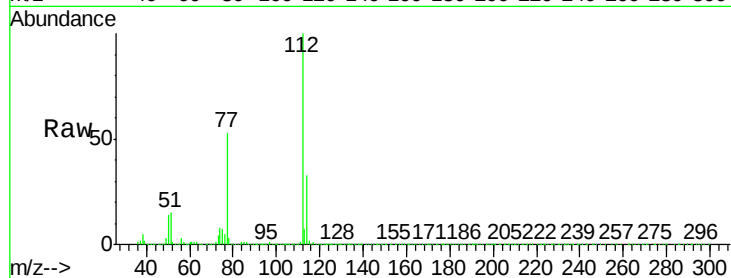
112 100

114 32.5 25.6 38.4

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

800000

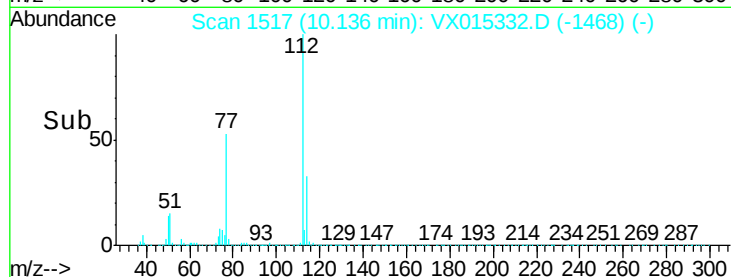
600000

400000

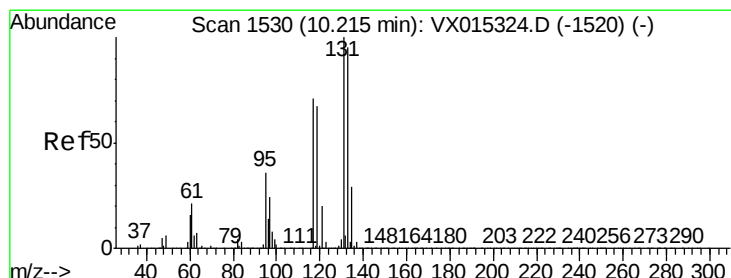
200000

0

10.10 10.14 10.20



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 46.579 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

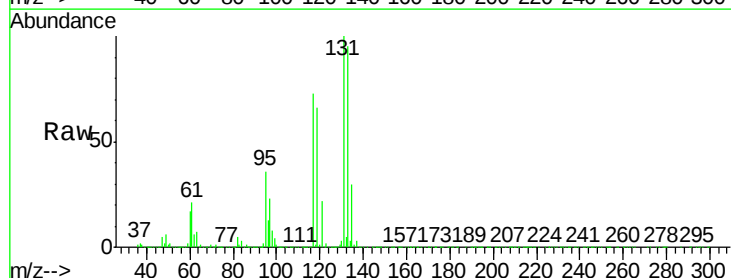
Tgt Ion:131 Resp: 364193

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 67.2 33.8 101.3



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

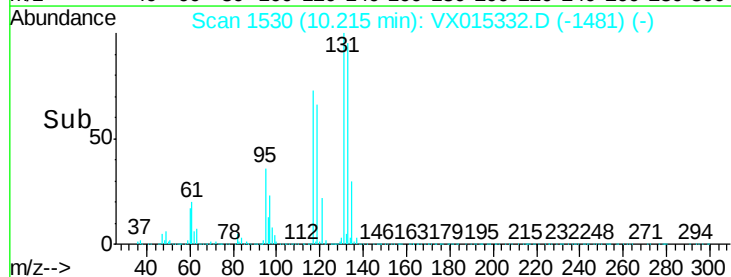
300000

200000

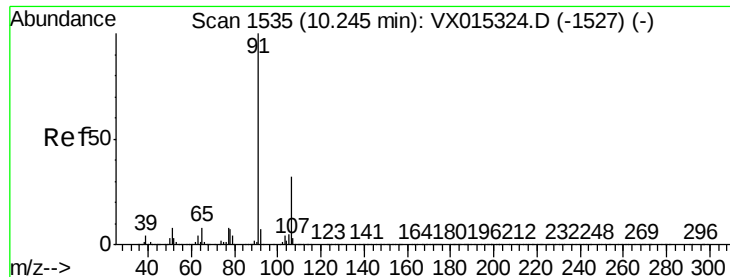
100000

0

10.10 10.21 10.30



Time-->



#67

Ethyl Benzene

Concen: 47.207 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1740317

Ion Ratio Lower Upper

91 100

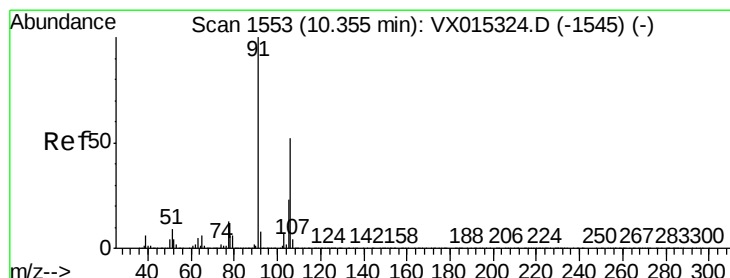
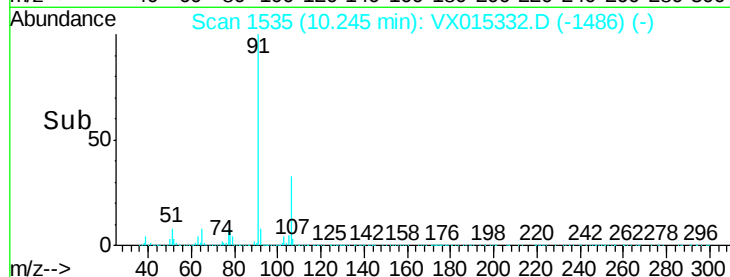
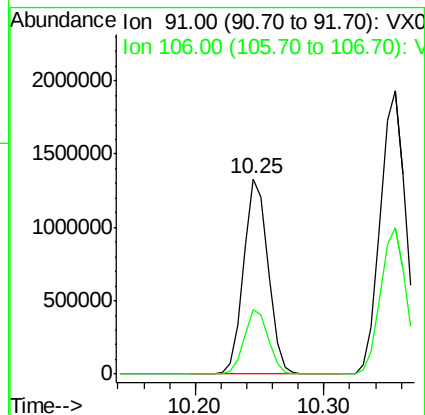
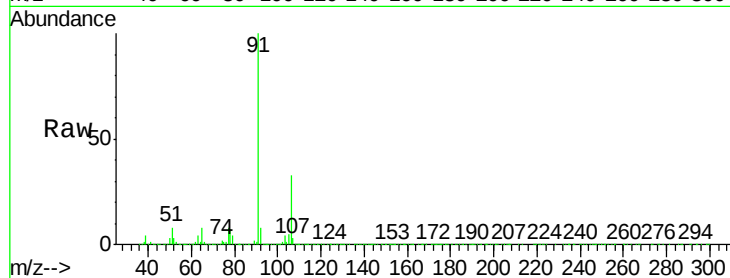
106 32.9 25.8 38.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.827 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015332.D

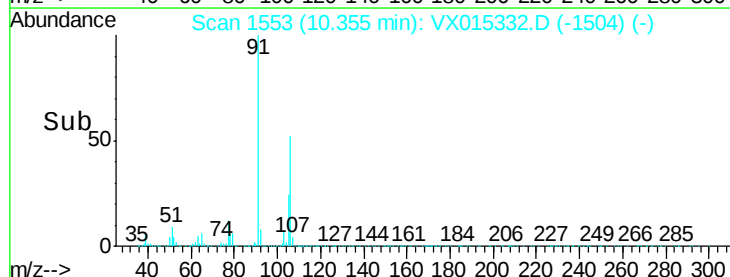
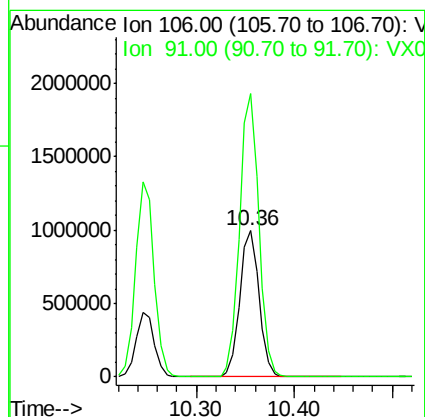
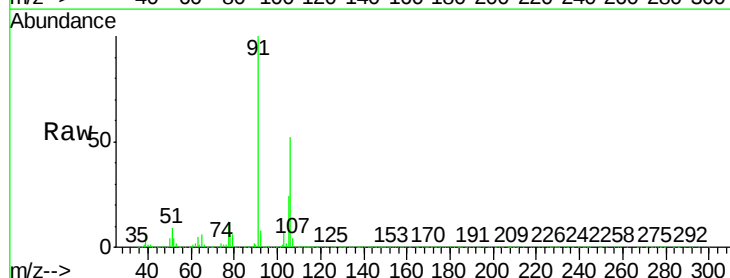
Acq: 18 Mar 2020 18:34

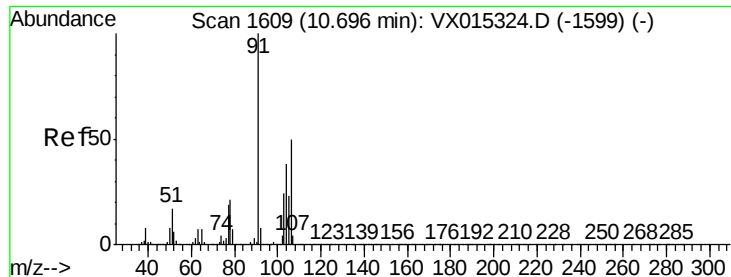
Tgt Ion: 106 Resp: 1360950

Ion Ratio Lower Upper

106 100

91 193.2 155.1 232.7





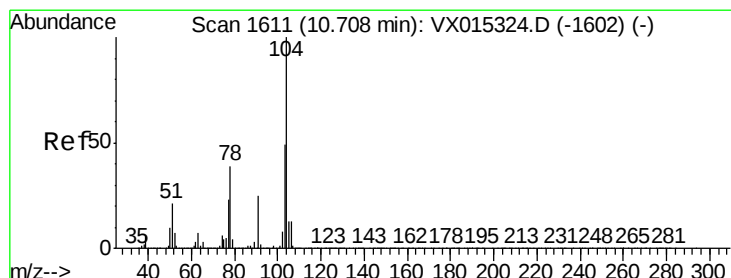
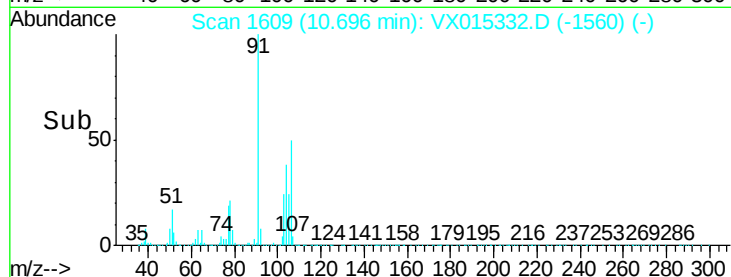
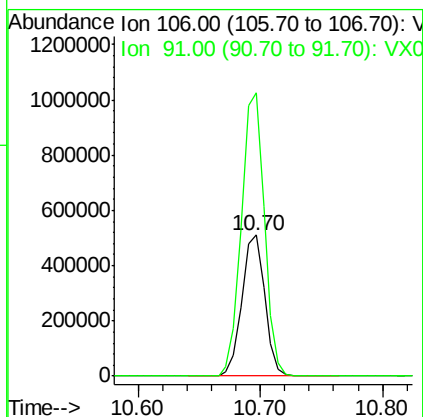
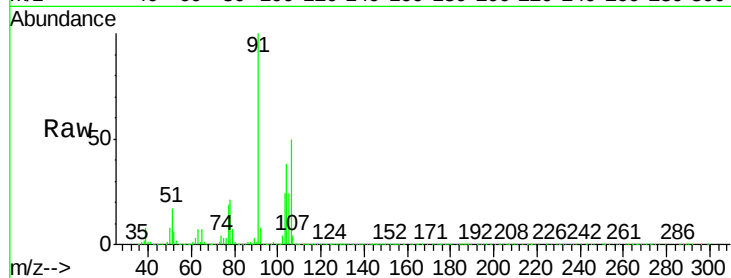
#69
o-Xylene
Concen: 48.798 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.8	102.3	306.9

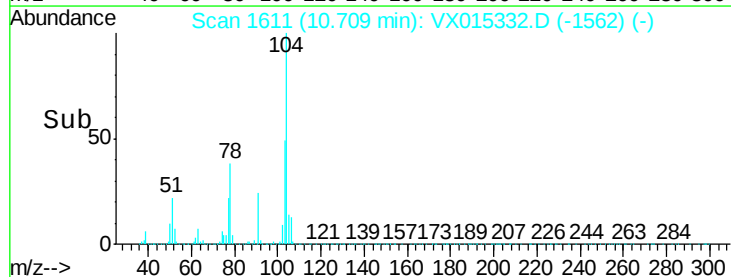
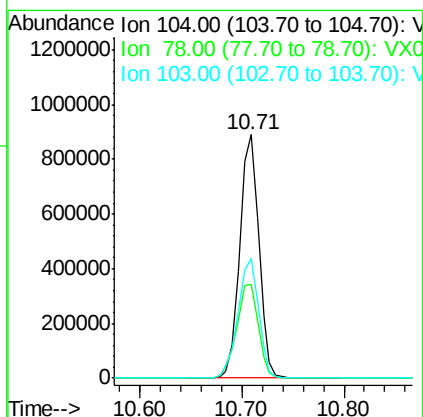
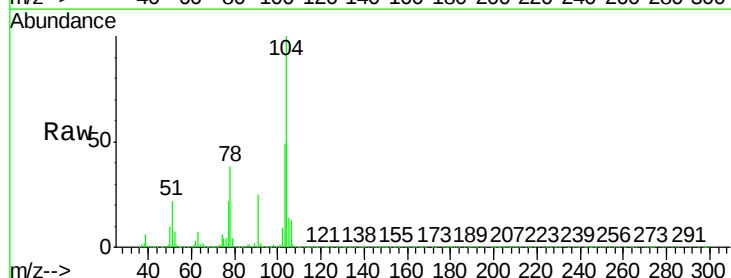
Manual Integrations
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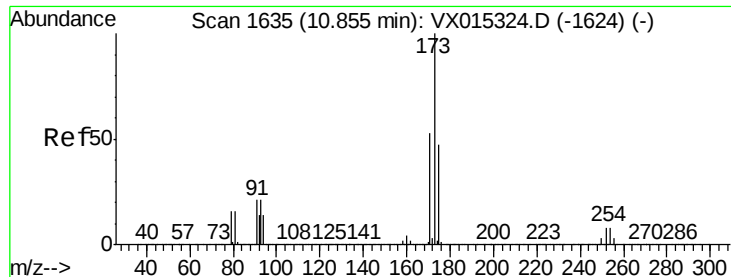
MMDadoda
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#70
Styrene
Concen: 50.608 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.0	36.0	54.0
103	53.7	43.4	65.0





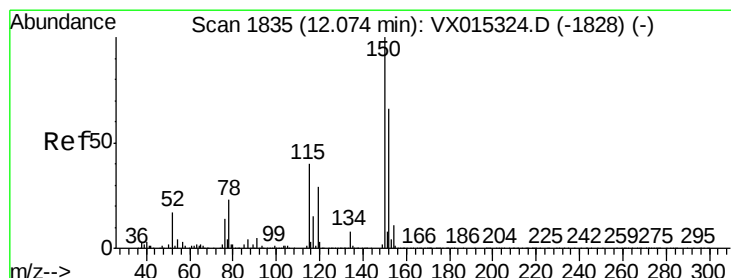
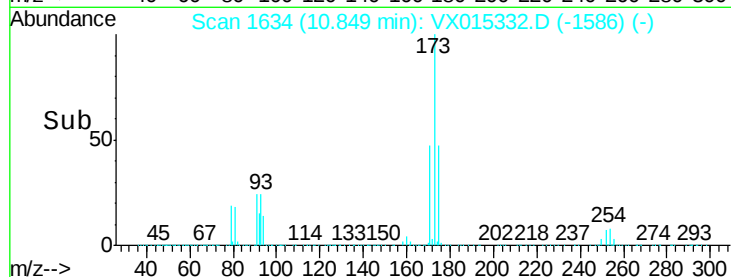
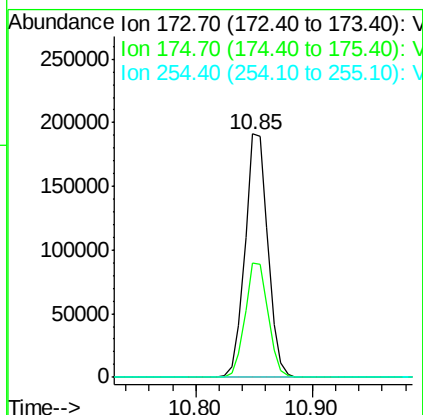
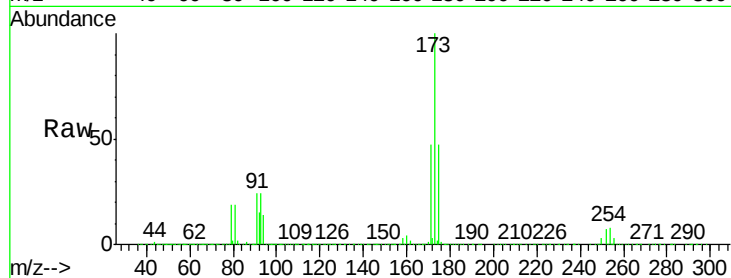
#71
Bromoform
Concen: 51.279 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.4	70.2
254	0.1	0.2	0.2#

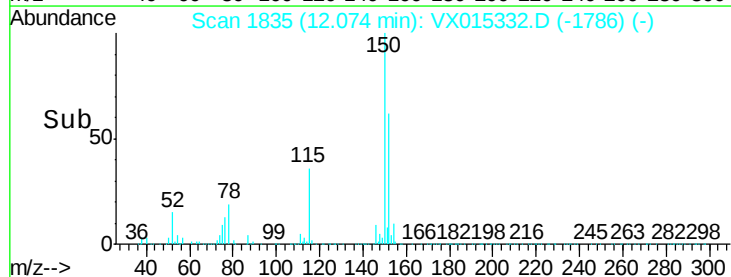
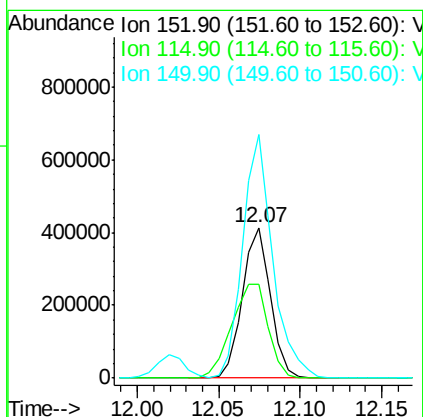
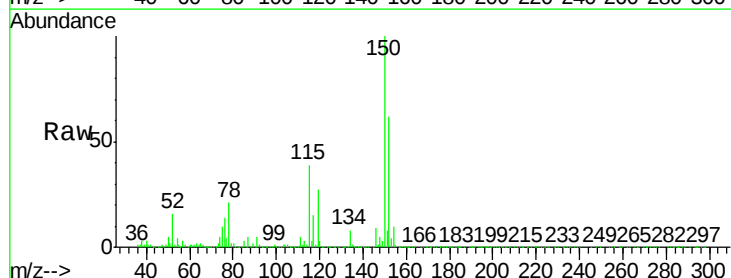
Manual Integrations
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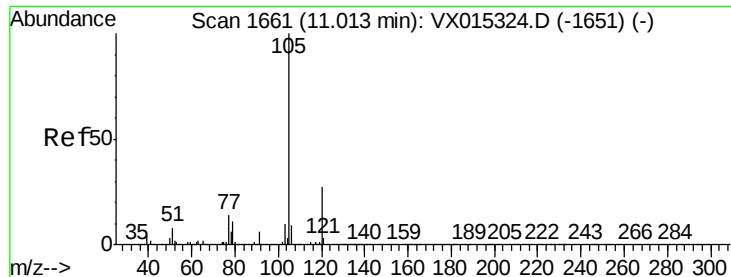
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.0	41.9	125.8
150	173.9	0.0	347.6





#73

Isopropylbenzene

Concen: 46.758 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1740756

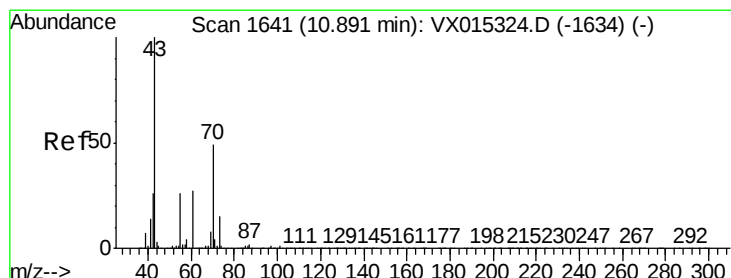
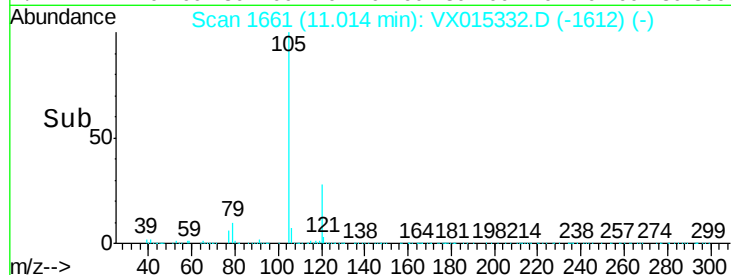
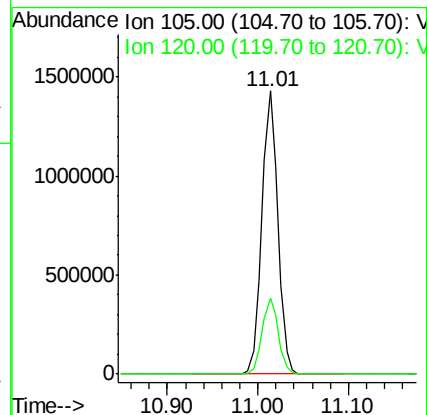
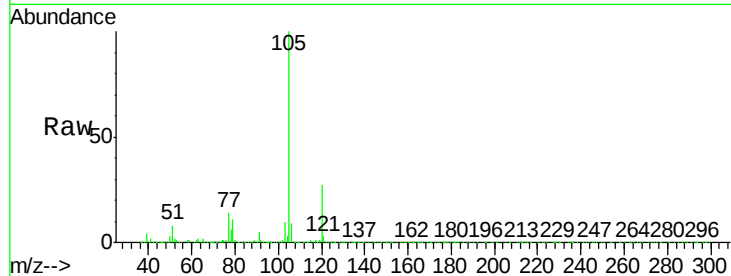
Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.527 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion: 43 Resp: 630286

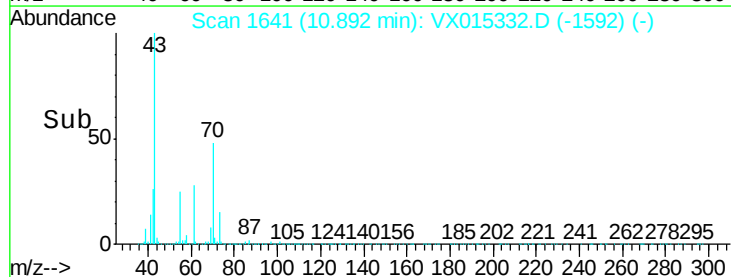
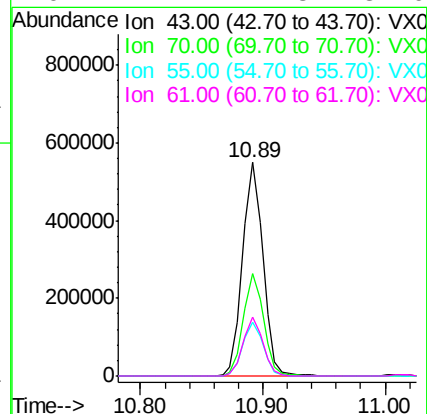
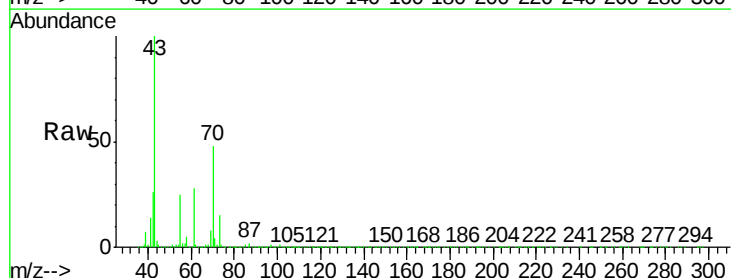
Ion Ratio Lower Upper

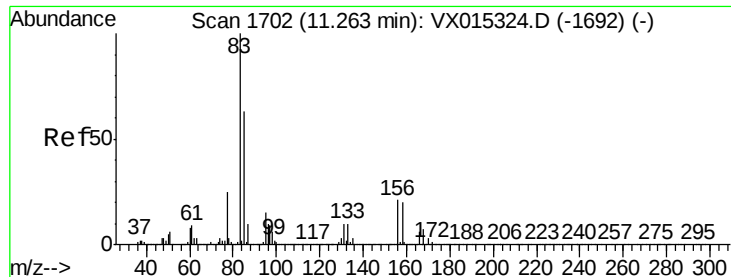
43 100

70 47.8 38.6 58.0

55 25.6 21.2 31.8

61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.059 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 530935

Ion Ratio Lower Upper

83 100

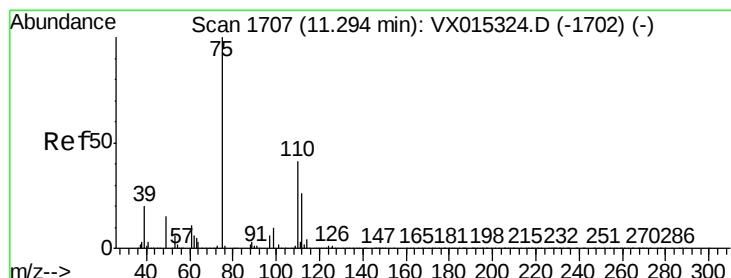
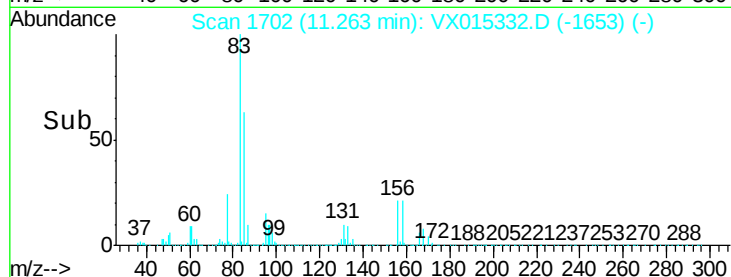
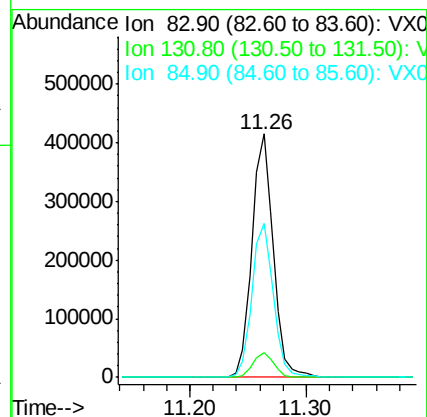
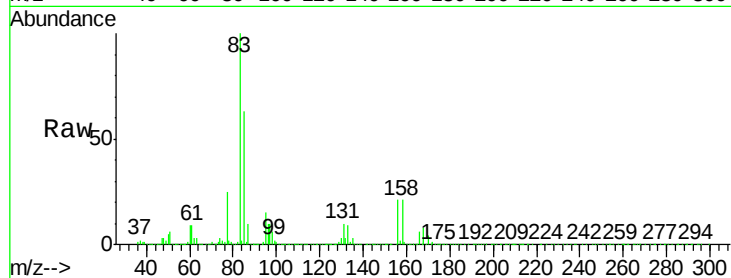
131 10.2 5.1 15.2

85 64.1 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.998 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015332.D

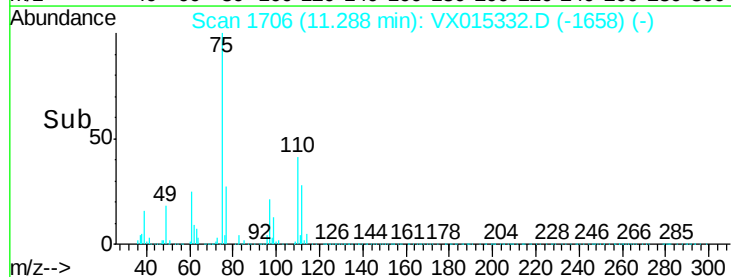
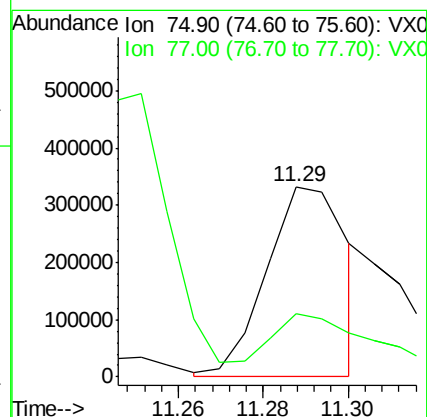
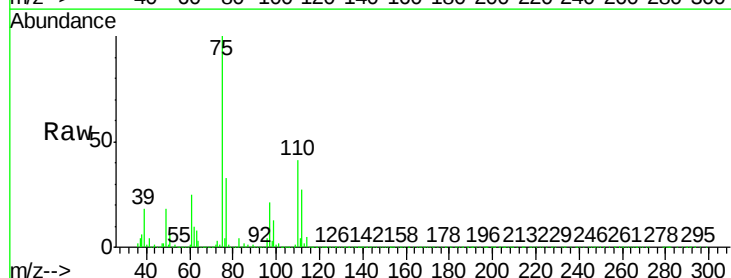
Acq: 18 Mar 2020 18:34

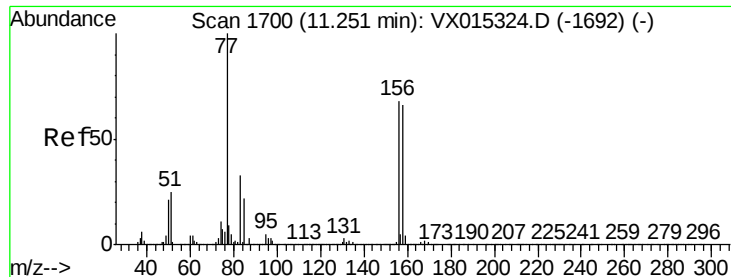
Tgt Ion: 75 Resp: 434490

Ion Ratio Lower Upper

75 100

77 43.0 21.2 63.6





#77

Bromobenzene

Concen: 48.284 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

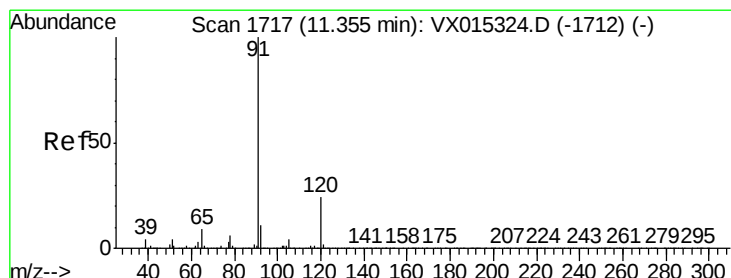
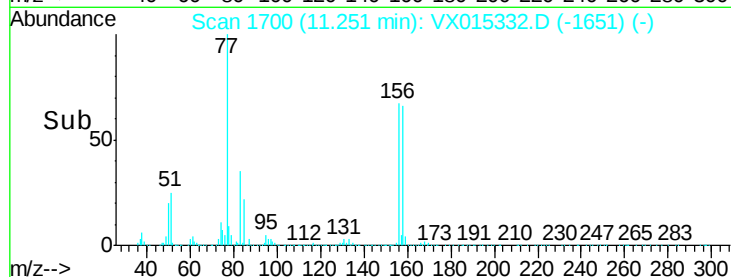
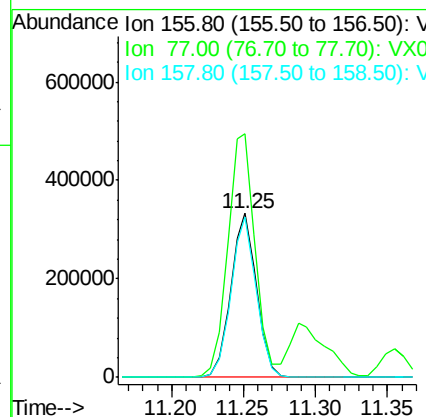
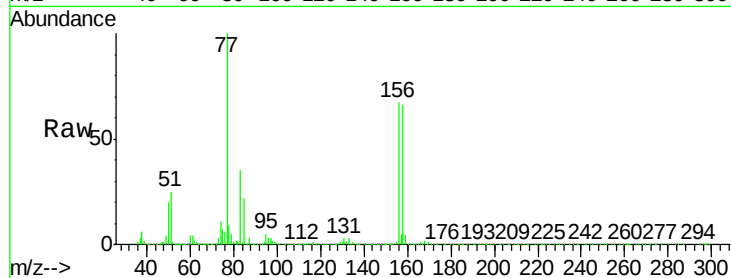
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	417587
Ion Ratio	Lower	Upper	
156	100		
77	156.4	81.4	244.2
158	96.3	48.6	145.9

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#78

n-propylbenzene

Concen: 47.518 ug/l

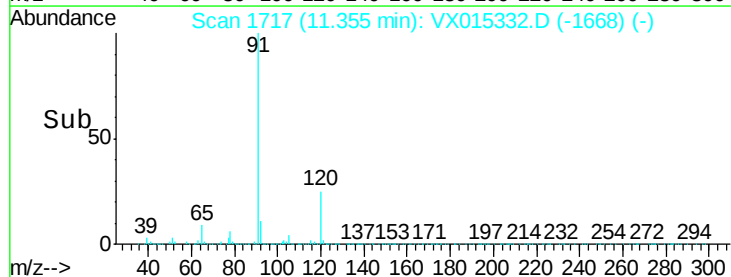
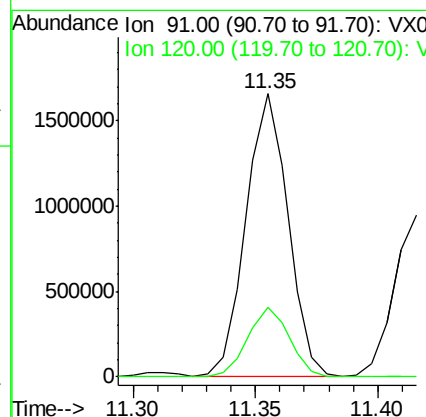
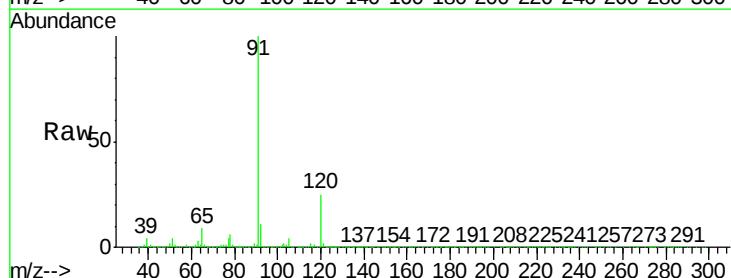
RT: 11.35 min Scan# 1717

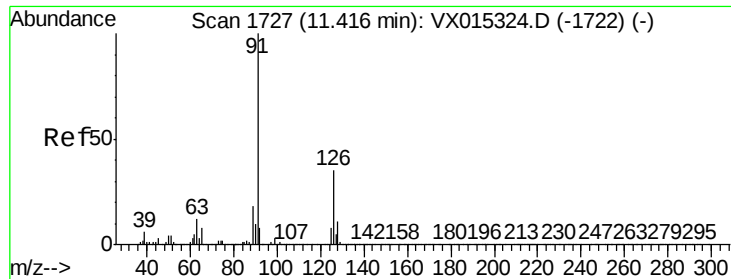
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	91	Resp:	1972772
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.8	35.3





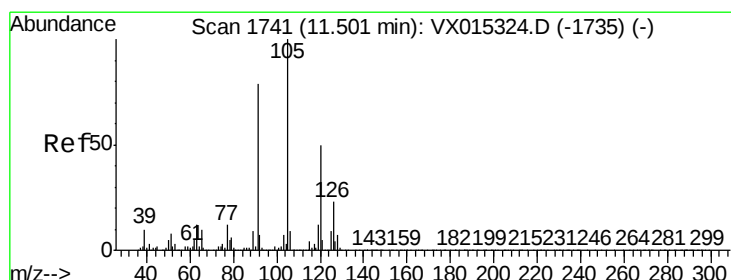
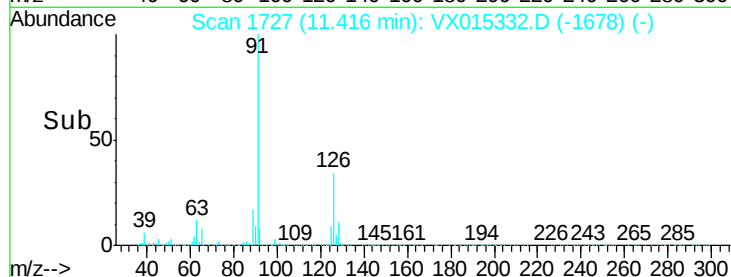
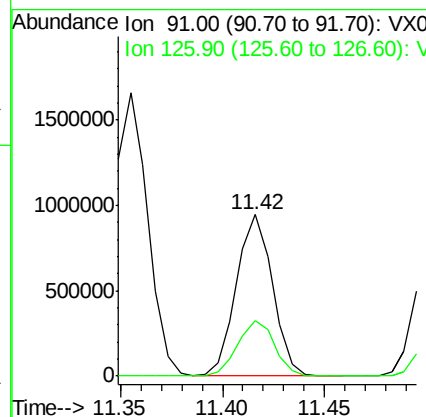
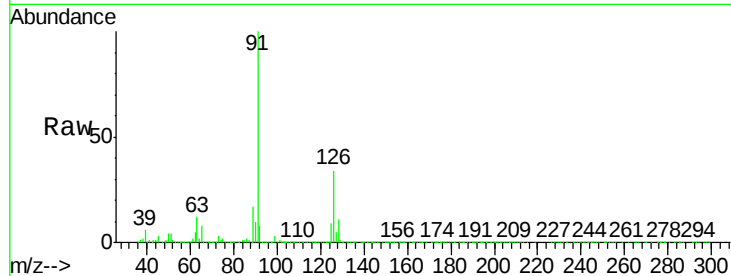
#79
2-Chlorotoluene
Concen: 46.544 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1159989
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6

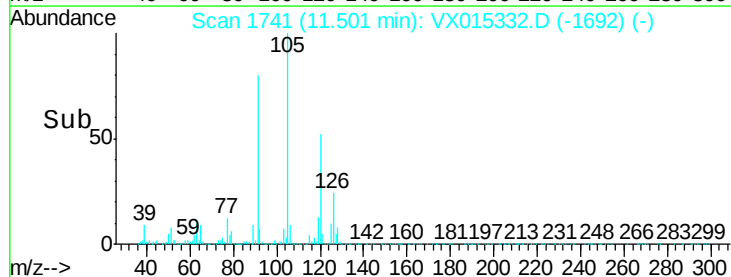
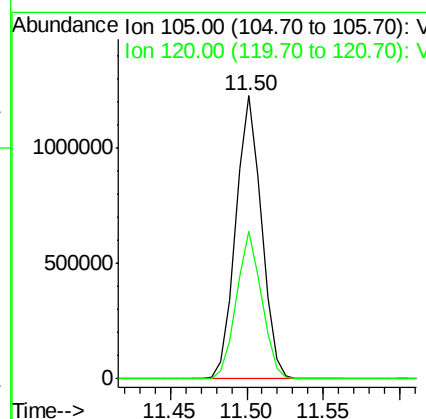
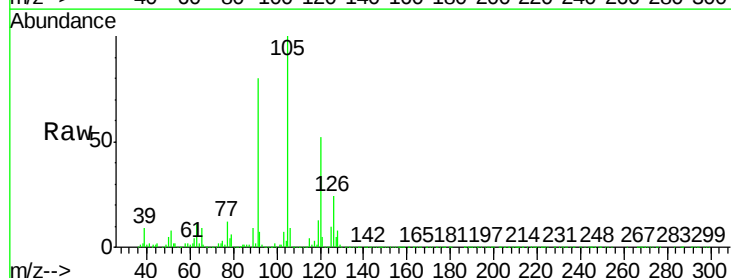
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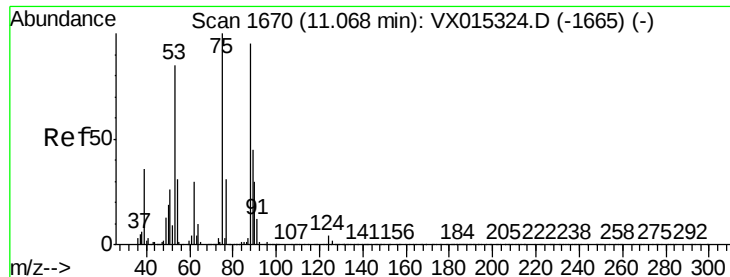
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 48.087 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion: 105 Resp: 1427075
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.775 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

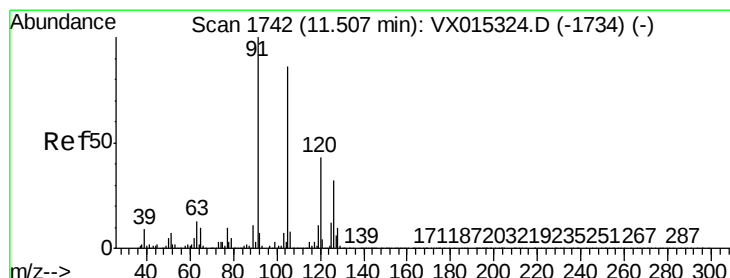
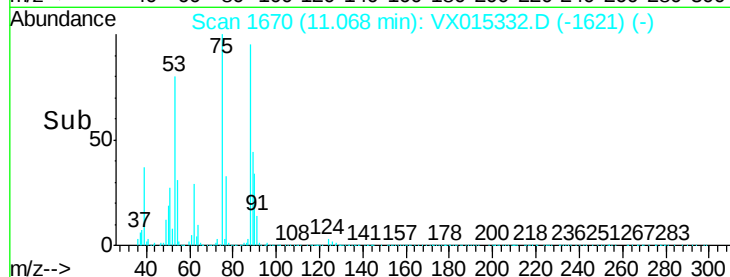
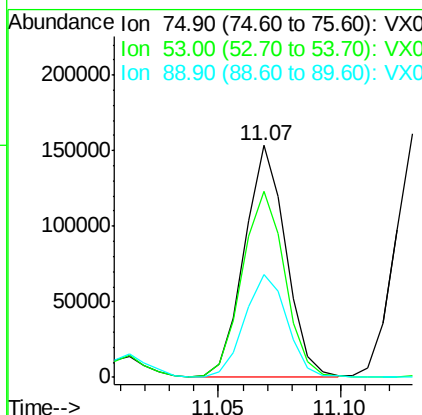
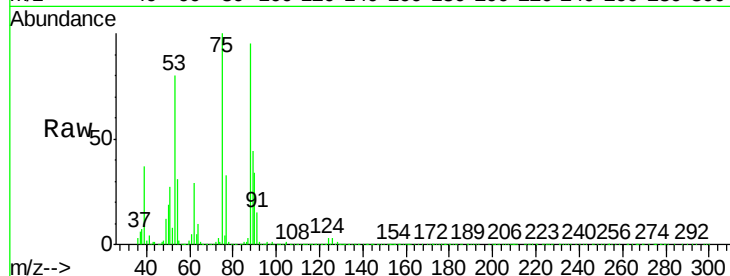
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	180076
Ion Ratio	Lower	Upper	
75	100		
53	82.6	68.0	102.0
89	45.3	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.253 ug/l

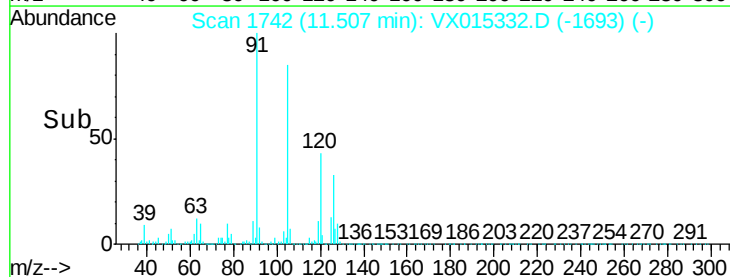
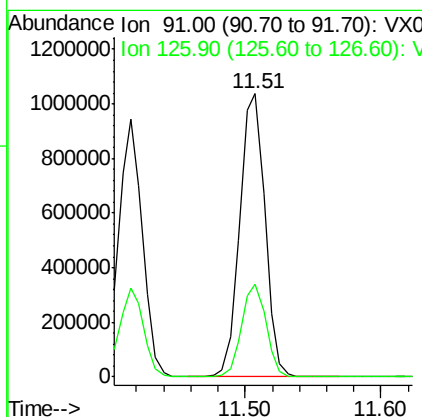
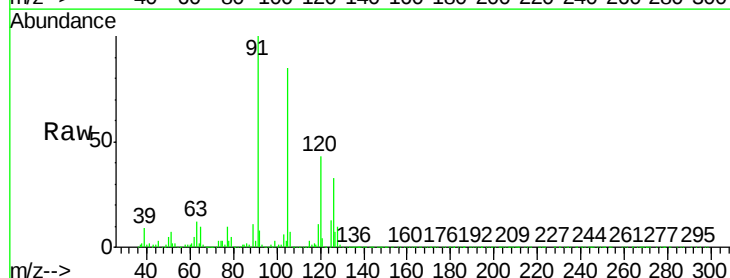
RT: 11.51 min Scan# 1742

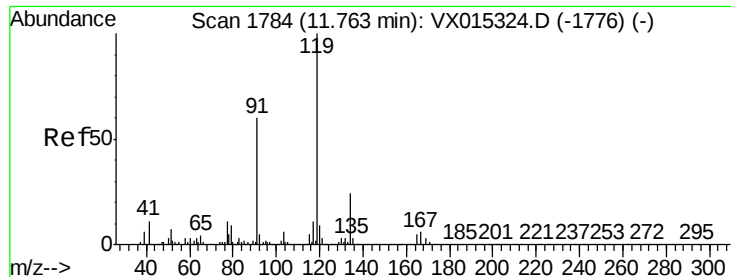
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion:	91	Resp:	1338152
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.4	46.2





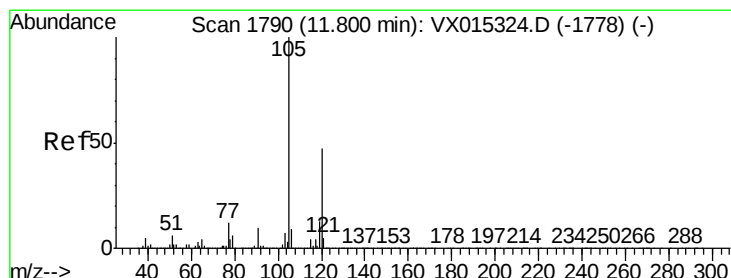
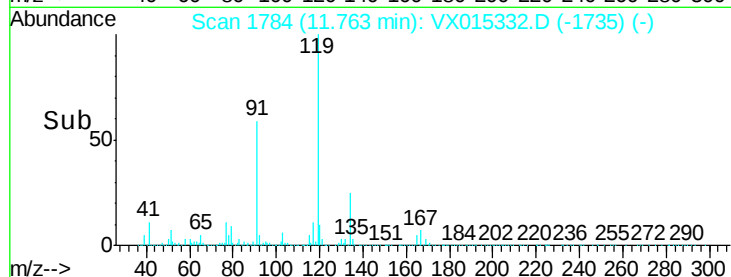
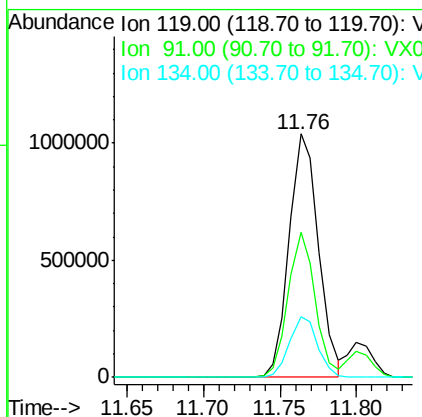
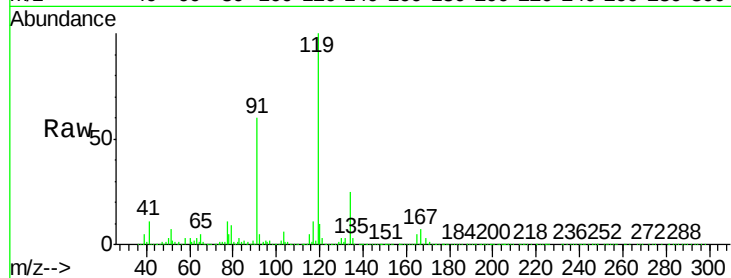
#83
tert-Butylbenzene
Concen: 47.134 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	28.1	84.4
134	24.0	11.6	34.8

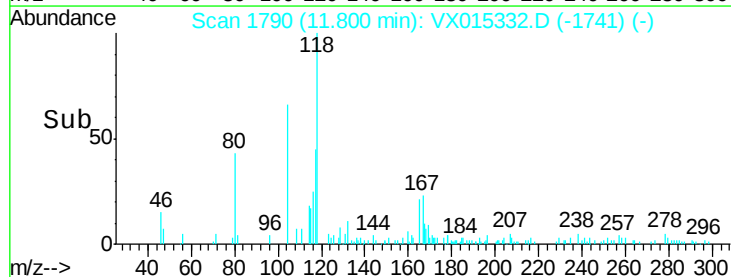
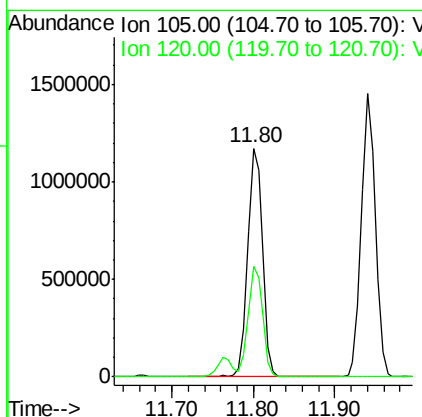
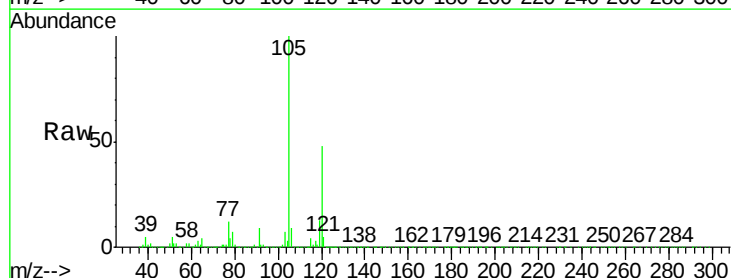
Manual Integrations
APPROVED

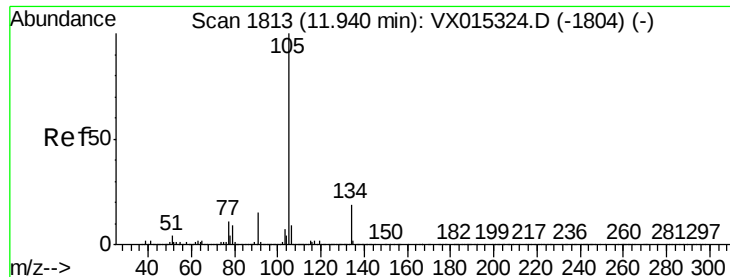
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#84
1,2,4-Trimethylbenzene
Concen: 47.922 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.222 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1708125

Ion Ratio Lower Upper

105 100

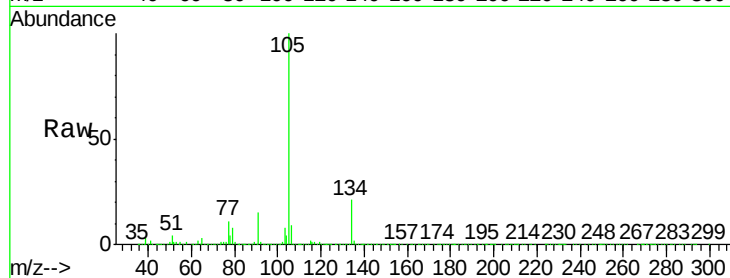
134 20.5 9.8 29.5

Manual Integrations

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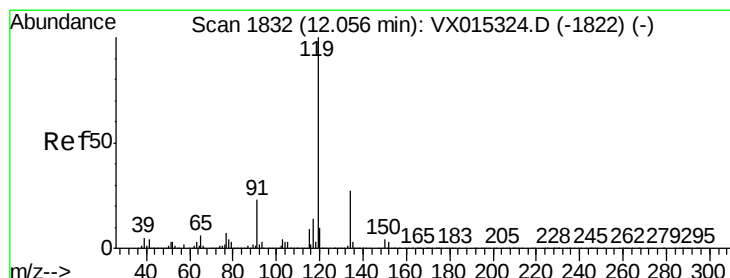
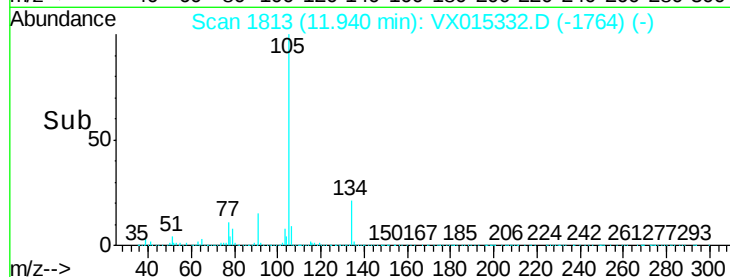
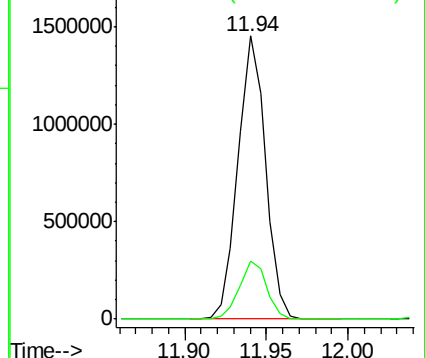
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.301 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

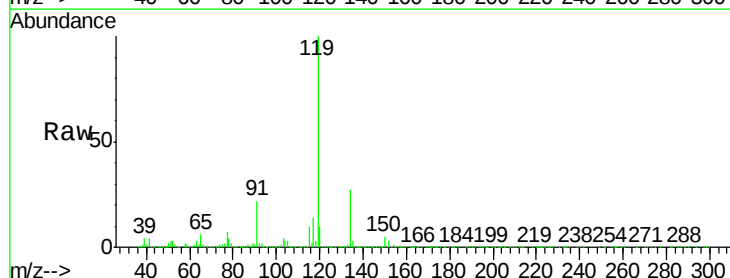
Tgt Ion:119 Resp: 1553789

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

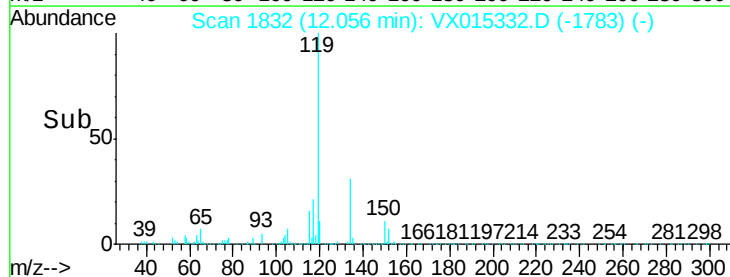
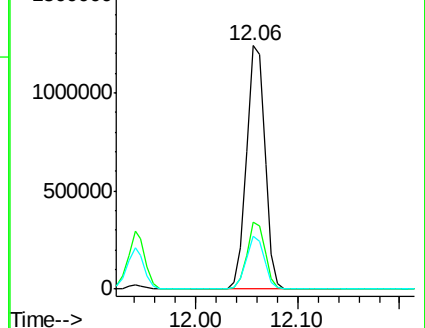
91 21.1 11.0 33.0

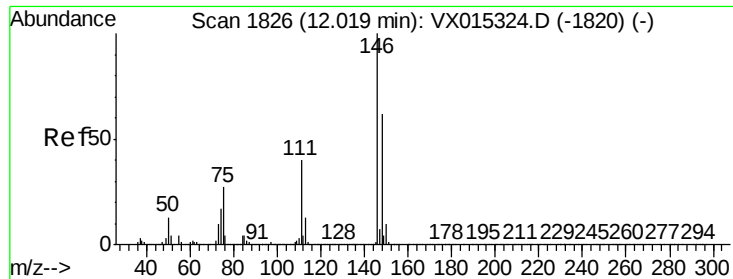


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.540 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

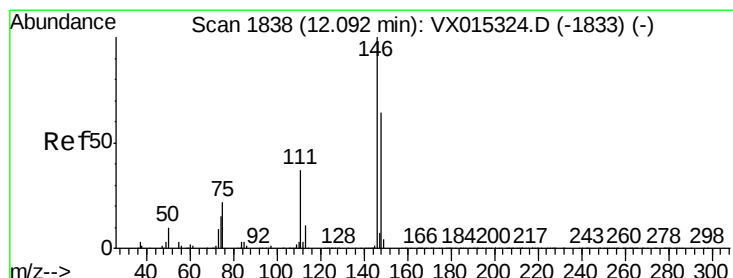
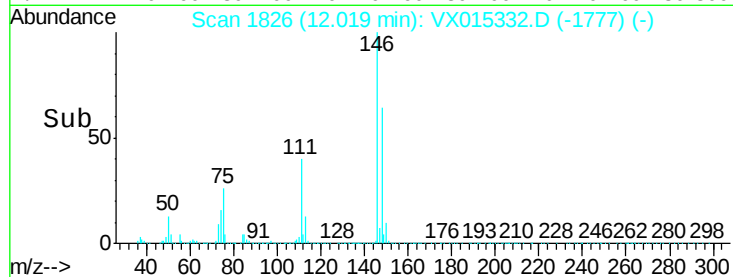
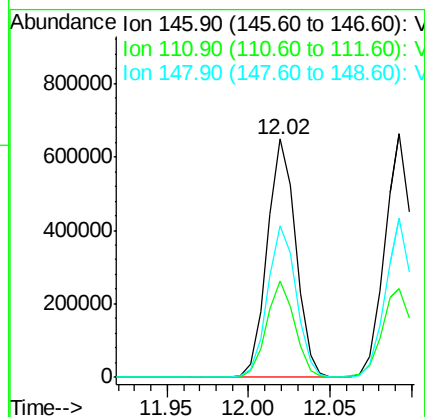
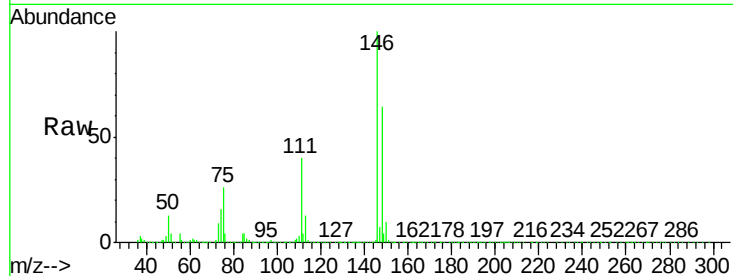
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	61.0
148	63.8	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.796 ug/l

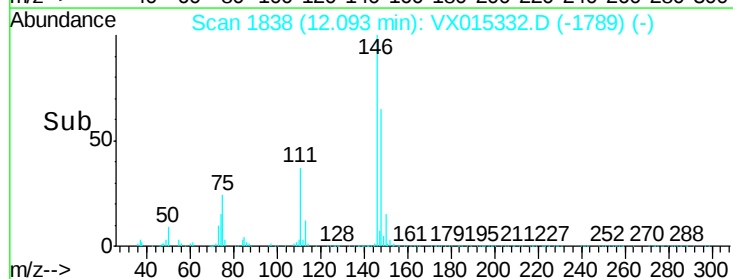
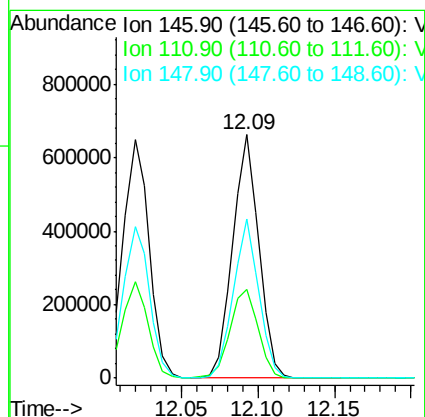
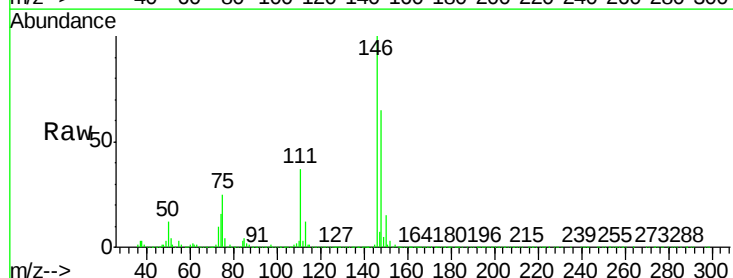
RT: 12.09 min Scan# 1838

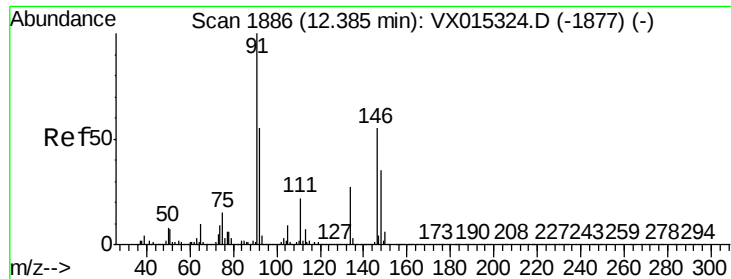
Delta R.T. 0.00 min

Lab File: VX015332.D

Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	63.6	32.0	96.0





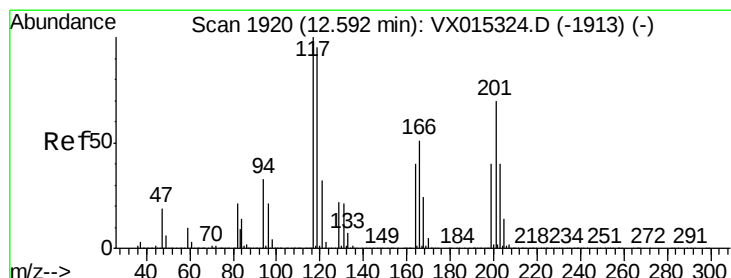
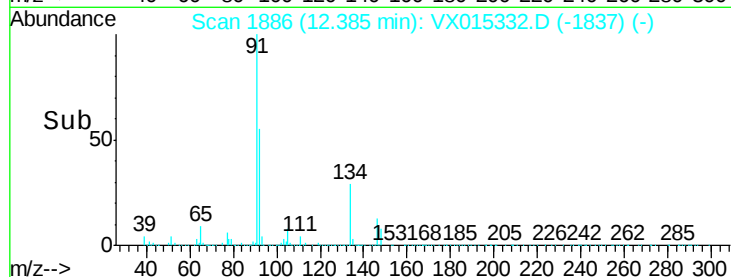
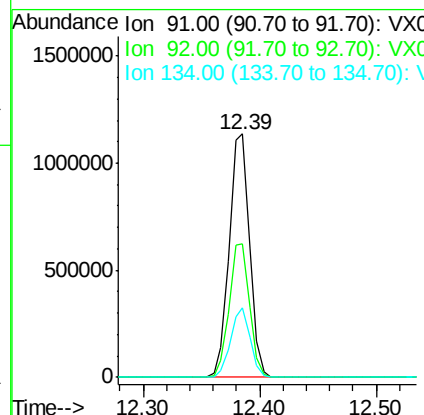
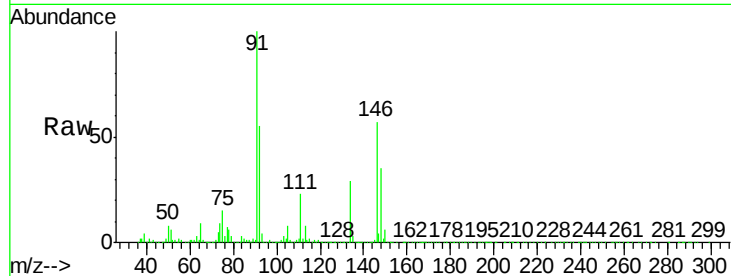
#89
n-Butylbenzene
Concen: 46.108 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1372168
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.4
134 27.4 13.2 39.6

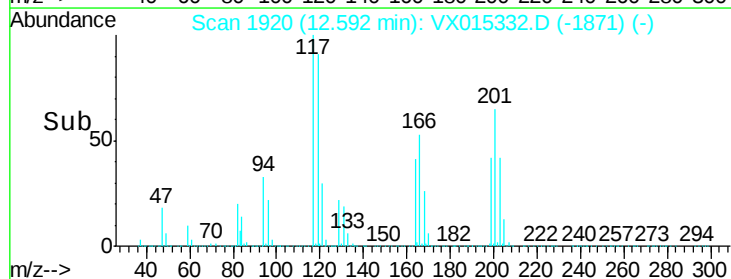
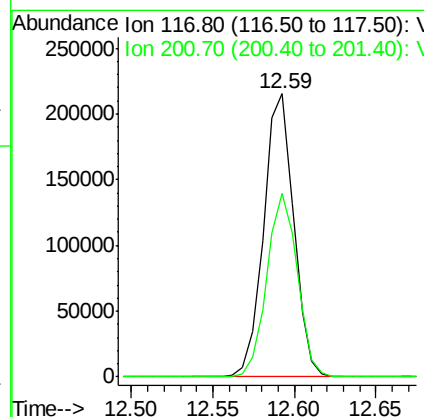
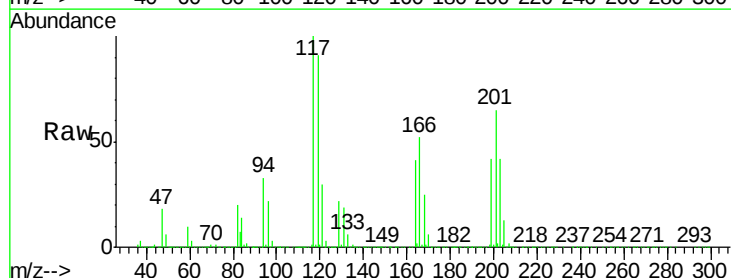
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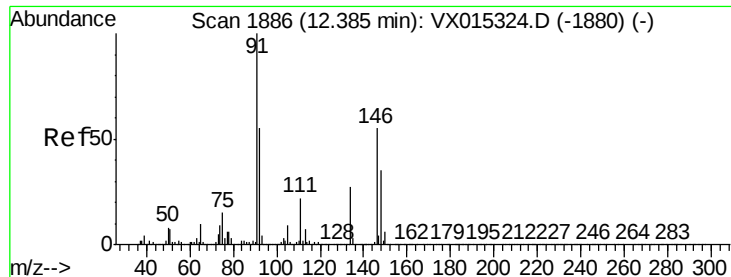
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#90
Hexachloroethane
Concen: 45.356 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion: 117 Resp: 275797
Ion Ratio Lower Upper
117 100
201 65.6 32.7 98.1





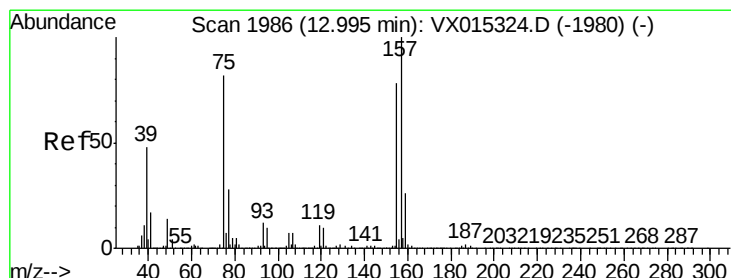
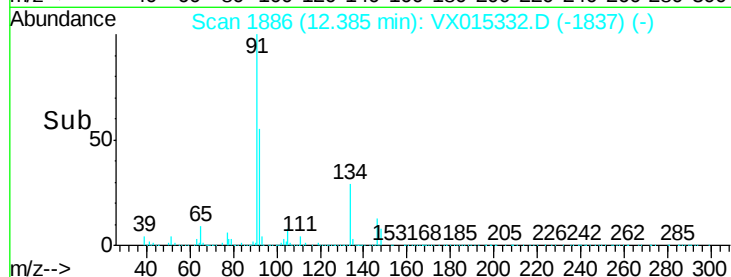
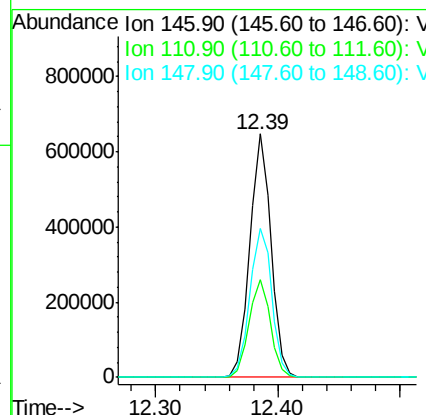
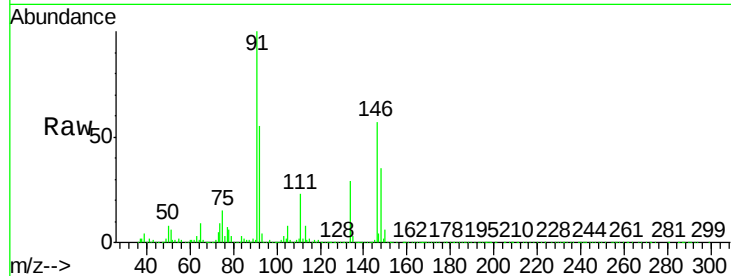
#91
 1,2-Dichlorobenzene
 Concen: 47.144 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.4	31.6	94.8

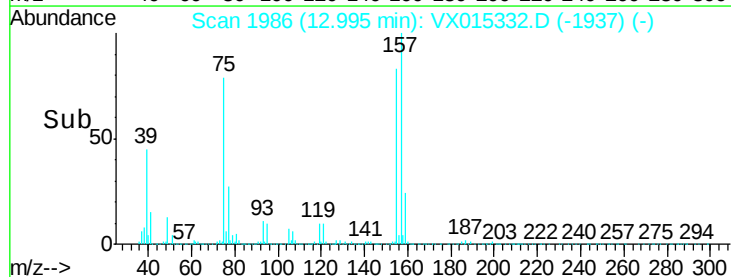
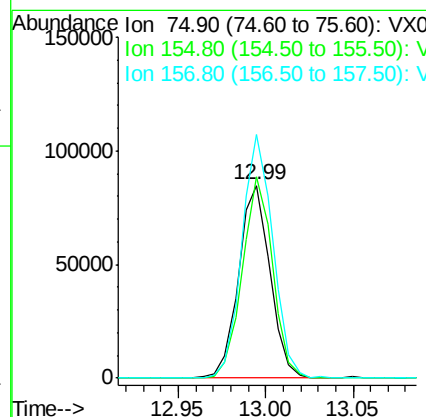
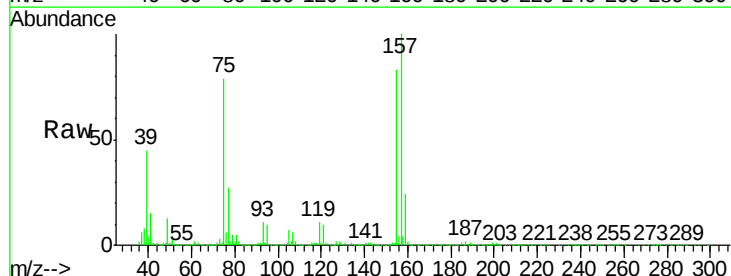
Manual Integrations
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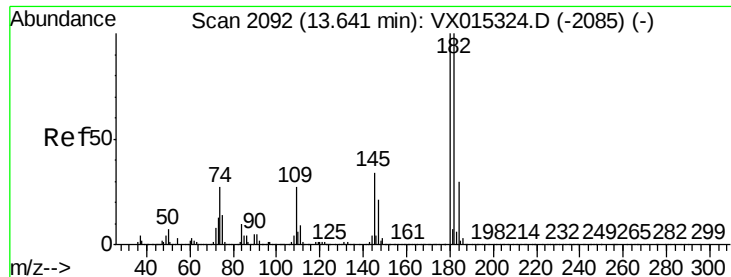
MMDadoda
 3/19/2020 12:01:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.235 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015332.D
 Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	48.9	146.7
157	125.8	61.1	183.3





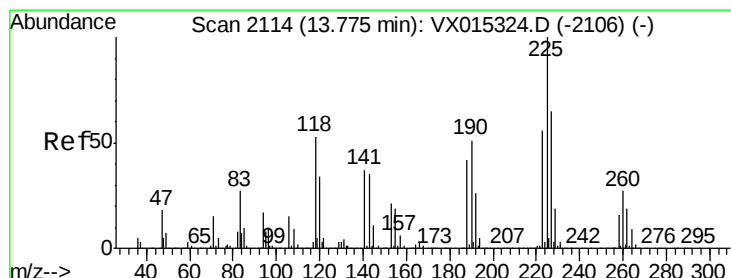
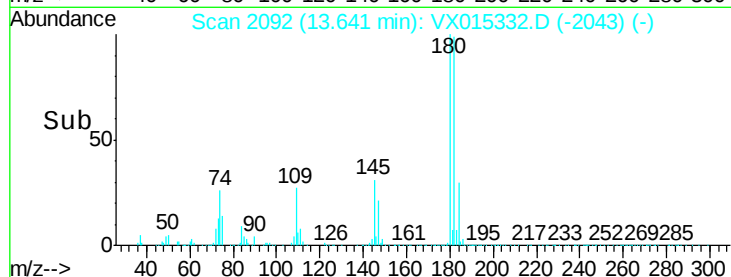
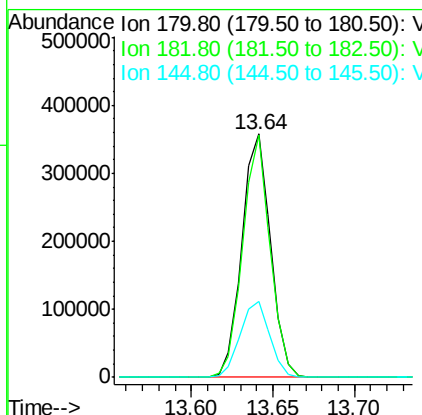
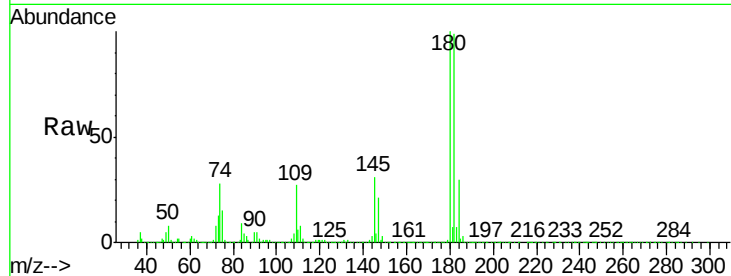
#93
1,2,4-Trichlorobenzene
Concen: 44.489 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	439540		
182	95.1	48.6	145.9	
145	32.1	16.7	50.1	

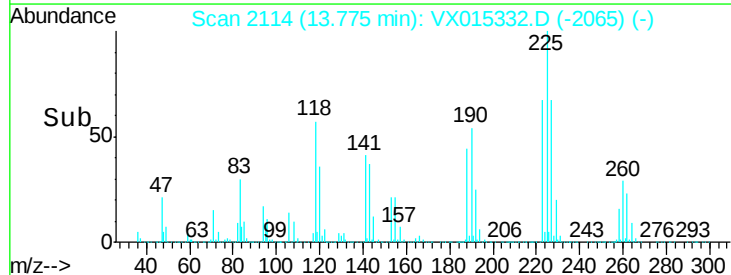
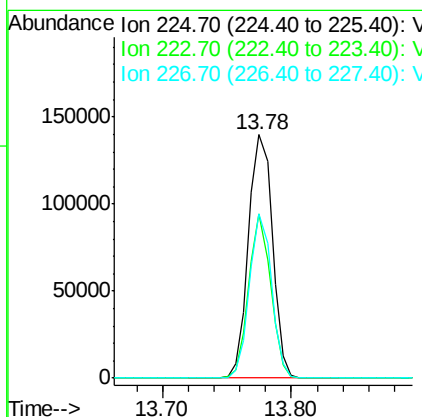
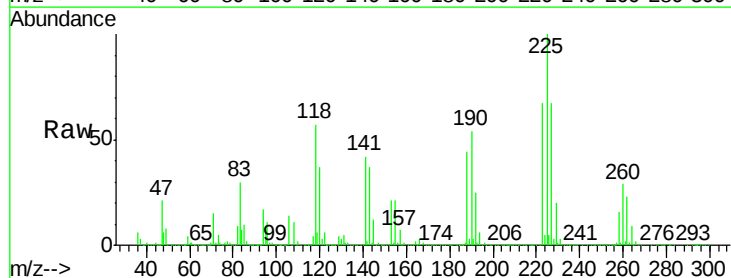
Manual Integrations
APPROVED

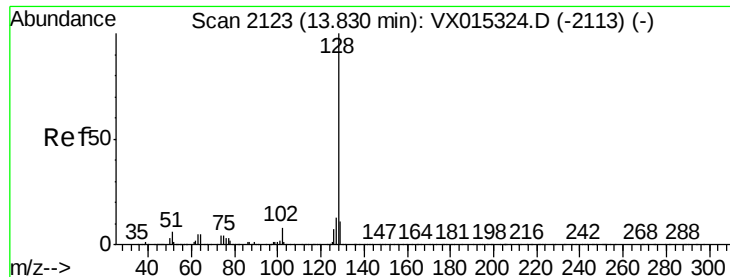
MMDadoda
3/19/2020 12:01:07 PM



#94
Hexachlorobutadiene
Concen: 43.102 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179046		
223	61.6	30.6	91.6	
227	62.2	32.3	96.8	





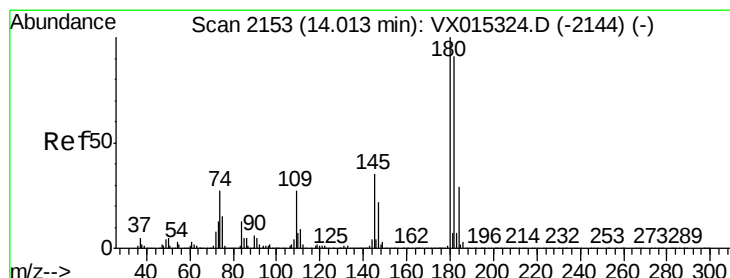
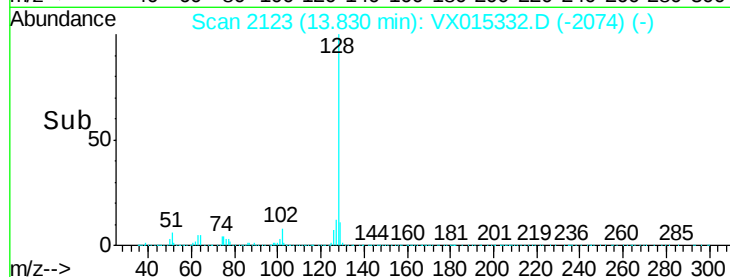
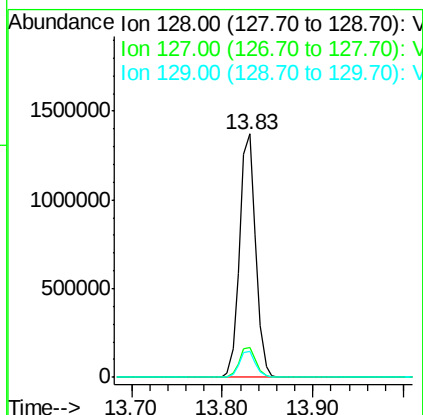
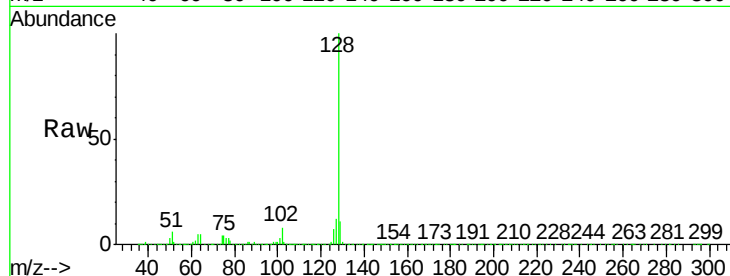
#95
Naphthalene
Concen: 51.329 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/19/2020 12:01:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.444 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015332.D
Acq: 18 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.0
145	35.0	17.6	52.8

