

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015068.D
 Acq On : 02 Mar 2020 15:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:39 AM

Quant Time: Mar 02 16:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	609702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	565416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214794	45.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.48	113	183245	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	710654	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	263253	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	166085	42.221	ug/l	98
3) Chloromethane	1.32	50	211779	47.487	ug/l	98
4) Vinyl Chloride	1.40	62	225213	46.877	ug/l	99
5) Bromomethane	1.63	94	125720	40.427	ug/l	95
6) Chloroethane	1.72	64	140892	45.833	ug/l	98
7) Trichlorofluoromethane	1.92	101	286163	42.632	ug/l	100
8) Diethyl Ether	2.18	74	131726	47.324	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	182216	46.767	ug/l	97
10) Methyl Iodide	2.50	142	202013	46.813	ug/l	99
11) Tert butyl alcohol	3.03	59	214534	259.192	ug/l	100
12) 1,1-Dichloroethene	2.36	96	173768	45.640	ug/l	97
13) Acrolein	2.28	56	159098	252.198	ug/l	97
14) Allyl chloride	2.72	41	328259	48.629	ug/l	95
15) Acrylonitrile	3.12	53	576345	274.673	ug/l	99
16) Acetone	2.43	43	548687	216.423	ug/l	97
17) Carbon Disulfide	2.56	76	422876	39.752	ug/l	99
18) Methyl Acetate	2.76	43	278286	58.942	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	613991	49.552	ug/l	98
20) Methylene Chloride	2.84	84	205105	45.482	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184520	43.922	ug/l	99
22) Diisopropyl ether	3.84	45	670027	51.970	ug/l	95
23) Vinyl Acetate	3.80	43	2839915	267.213	ug/l	99
24) 1,1-Dichloroethane	3.69	63	355409	48.845	ug/l	99
25) 2-Butanone	4.65	43	816116	255.717	ug/l	99
26) 2,2-Dichloropropane	4.57	77	287174	45.797	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	221738	47.217	ug/l	99
28) Bromochloromethane	5.00	49	148958	52.816	ug/l	95
29) Tetrahydrofuran	5.11	42	505246	278.488	ug/l	98
30) Chloroform	5.19	83	347328	48.112	ug/l	99
31) Cyclohexane	5.56	56	306666	46.273	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	292438	46.309	ug/l	100
36) 1,1-Dichloropropene	5.78	75	255215	46.794	ug/l	100
37) Ethyl Acetate	4.81	43	297594	52.316	ug/l	99
38) Carbon Tetrachloride	5.77	117	246598	46.396	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	317914	46.608	ug/l	98
40) Benzene	6.13	78	792370	48.625	ug/l	99
41) Methacrylonitrile	5.02	41	170882	55.763	ug/l	98
42) 1,2-Dichloroethane	6.18	62	268210	45.539	ug/l	98
43) Isopropyl Acetate	6.43	43	500947	53.385	ug/l	99
44) Trichloroethene	7.20	130	216719	45.813	ug/l	98
45) 1,2-Dichloropropane	7.50	63	214019	51.498	ug/l	100
46) Dibromomethane	7.65	93	135981	47.868	ug/l	98
47) Bromodichloromethane	7.89	83	274291	48.697	ug/l	97
48) Methyl methacrylate	7.76	41	244733	52.995	ug/l	98
49) 1,4-Dioxane	7.73	88	88237	1021.933	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1566073	276.392	ug/l	100
52) Toluene	8.78	92	503914	48.688	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	311024	50.385	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	340034	49.863	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	213976	51.100	ug/l	98
56) Ethyl methacrylate	9.17	69	339694	53.971	ug/l	98
57) 1,3-Dichloropropane	9.36	76	351614	49.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	884283	268.645	ug/l	99
59) 2-Hexanone	9.48	43	1216010	273.037	ug/l	99
60) Dibromochloromethane	9.57	129	226614	50.288	ug/l	98
61) 1,2-Dibromoethane	9.67	107	219456	48.573	ug/l	99
64) Tetrachloroethene	9.33	164	215582	40.780	ug/l	99
65) Chlorobenzene	10.13	112	548204	47.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	210347	50.522	ug/l	99
67) Ethyl Benzene	10.25	91	967801	49.621	ug/l	100
68) m/p-Xylenes	10.35	106	743829	98.999	ug/l	98
69) o-Xylene	10.69	106	357142	49.449	ug/l	100
70) Styrene	10.71	104	623439	51.024	ug/l	99
71) Bromoform	10.85	173	179686	51.705	ug/l	99
73) Isopropylbenzene	11.01	105	971726	51.929	ug/l	100
74) N-amyl acetate	10.89	43	441517	56.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	327290	53.505	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	277907m	51.503	ug/l	
77) Bromobenzene	11.25	156	252980	48.437	ug/l	99
78) n-propylbenzene	11.35	91	1111603	51.361	ug/l	100
79) 2-Chlorotoluene	11.42	91	646993	50.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	811212	51.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113197	53.698	ug/l	98
82) 4-Chlorotoluene	11.51	91	760767	50.490	ug/l	99
83) tert-Butylbenzene	11.76	119	792647	53.535	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	820045	52.043	ug/l	100
85) sec-Butylbenzene	11.94	105	970177	52.746	ug/l	99
86) p-Isopropyltoluene	12.06	119	890025	51.709	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	447936	47.807	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	450533	47.086	ug/l	100
89) n-Butylbenzene	12.38	91	763083	49.501	ug/l	100
90) Hexachloroethane	12.59	117	150083	49.930	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	435439	47.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70089	48.840	ug/l	99

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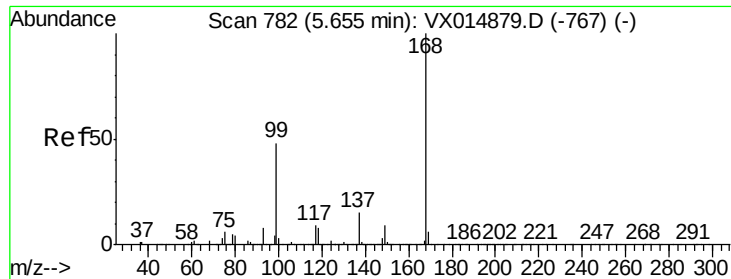
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	322851	47.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	162320	49.482	ug/l	98
95) Naphthalene	13.83	128	972171	53.912	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	327895	50.041	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 415376

Ion Ratio Lower Upper

168 100

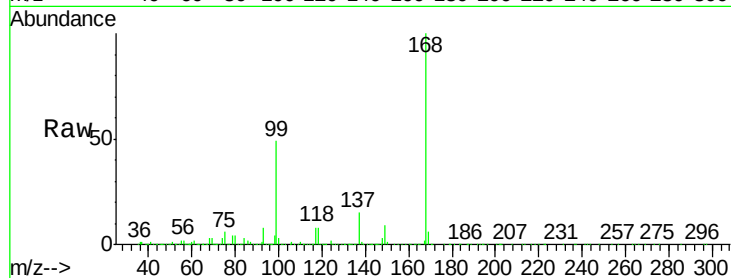
99 48.7 38.7 58.1

Manual Integrations

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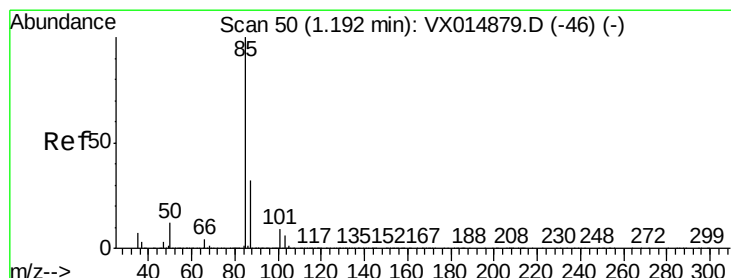
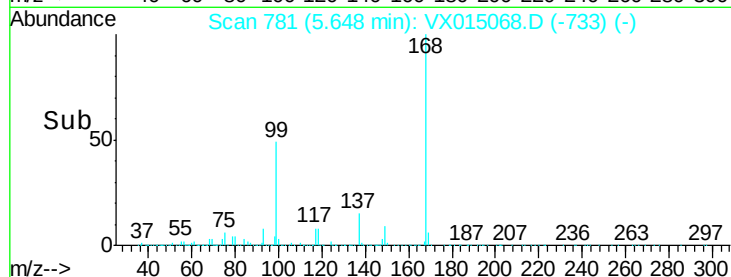
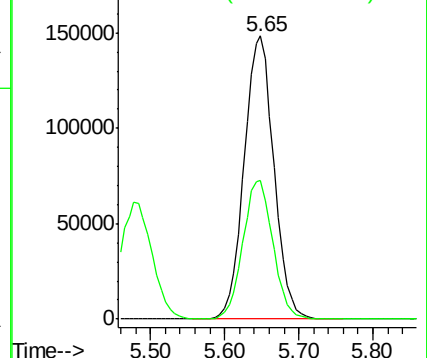
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.221 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015068.D

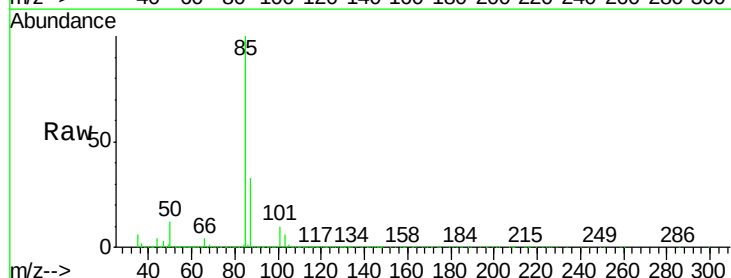
Acq: 02 Mar 2020 15:52

Tgt Ion: 85 Resp: 166085

Ion Ratio Lower Upper

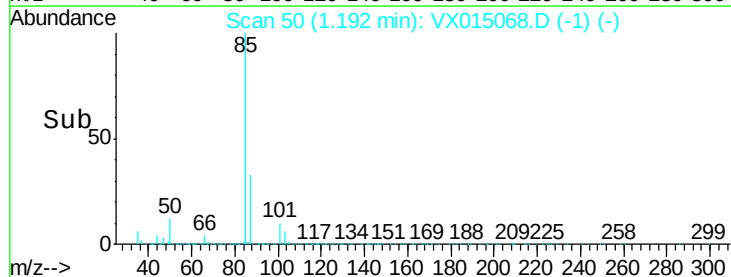
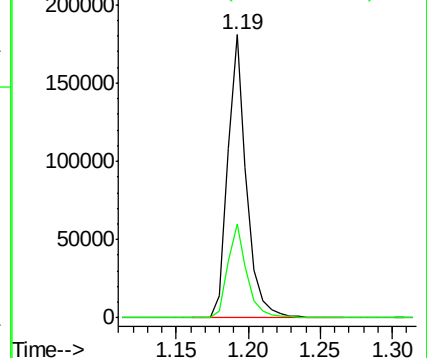
85 100

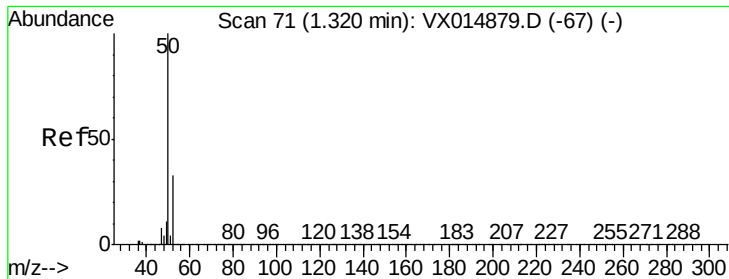
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.487 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 211779

Ion Ratio Lower Upper

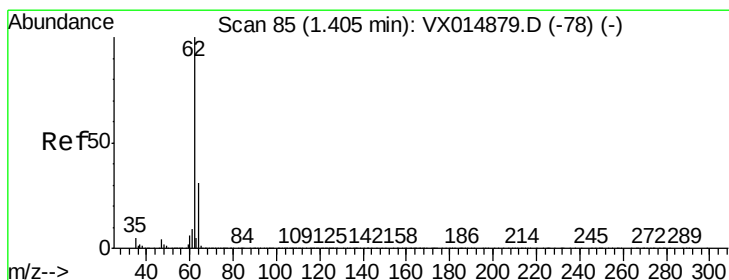
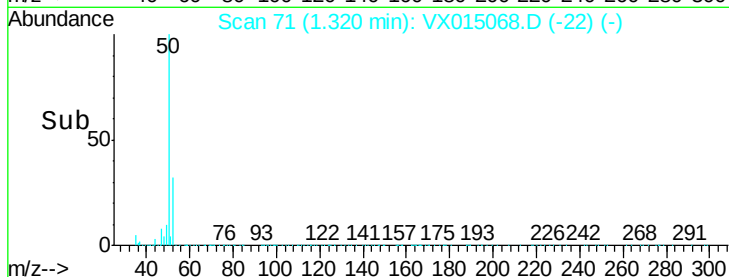
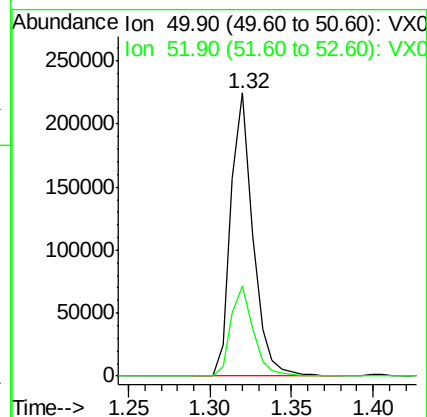
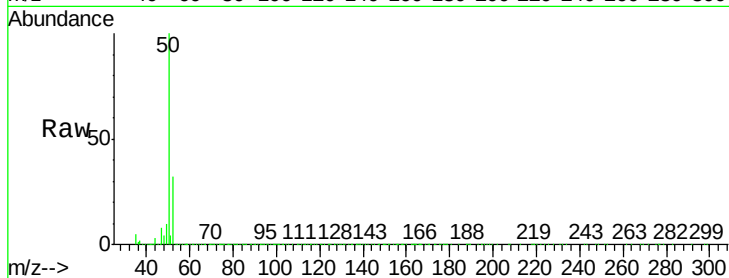
50 100

52 31.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.877 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015068.D

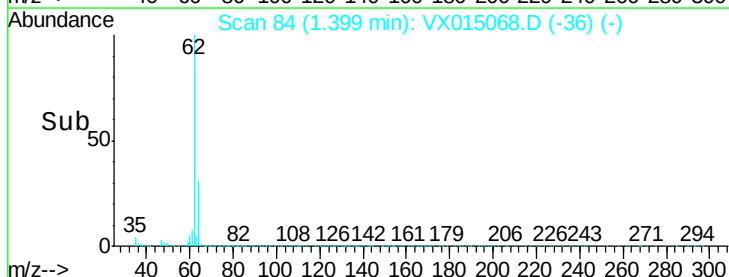
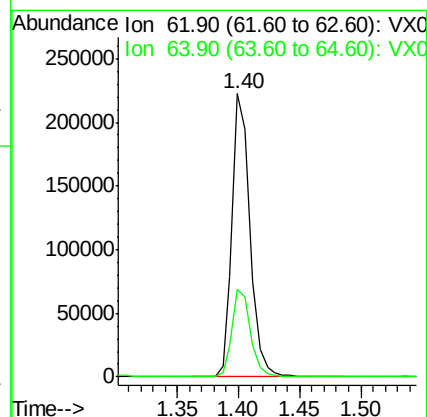
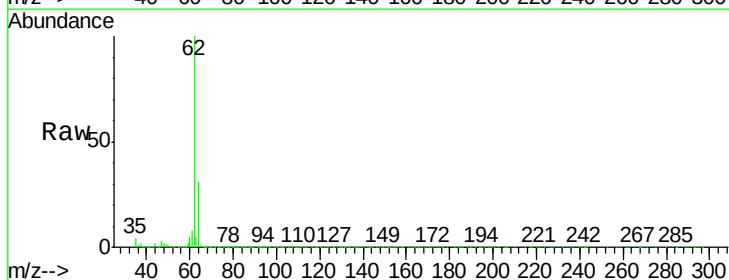
Acq: 02 Mar 2020 15:52

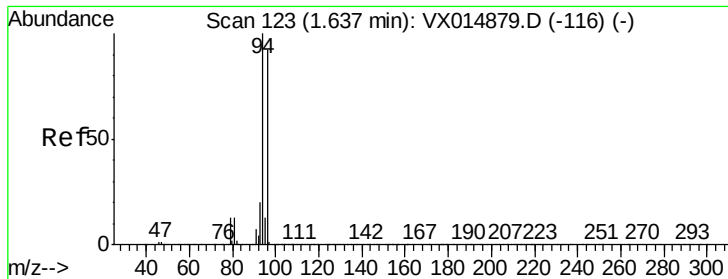
Tgt Ion: 62 Resp: 225213

Ion Ratio Lower Upper

62 100

64 30.7 24.8 37.2





#5

Bromomethane

Concen: 40.427 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 125720

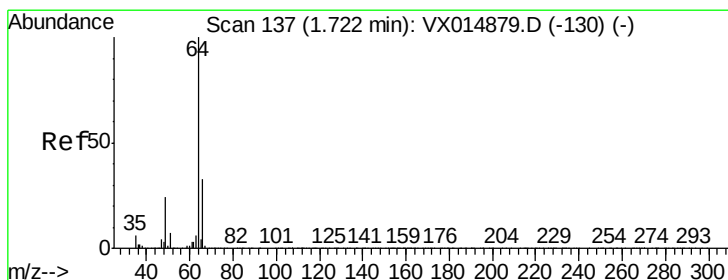
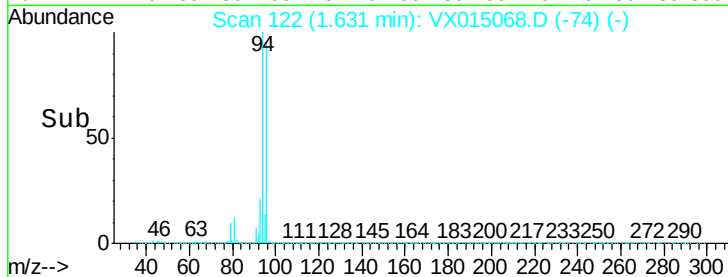
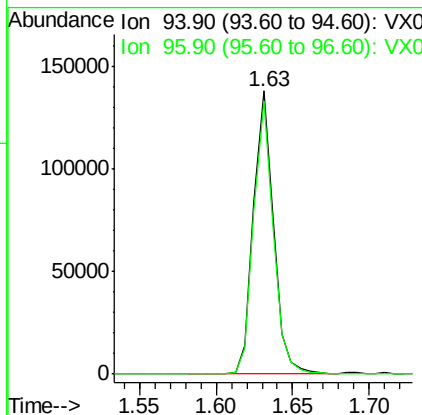
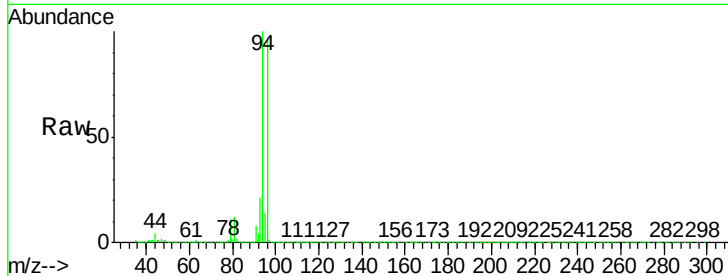
Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5

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#6

Chloroethane

Concen: 45.833 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015068.D

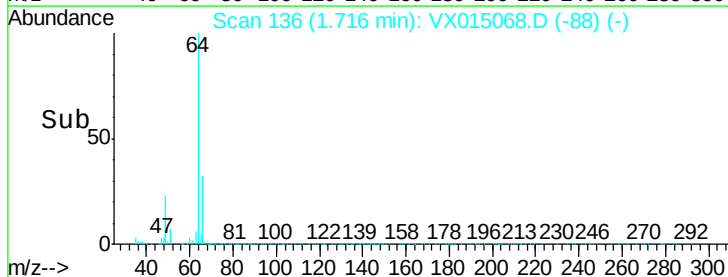
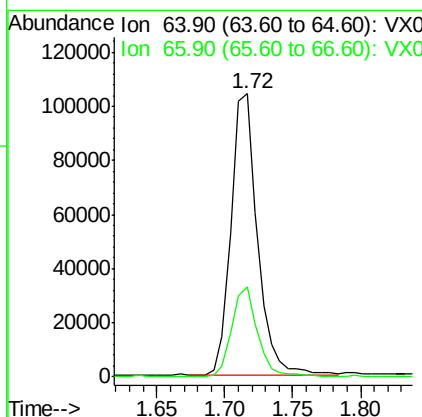
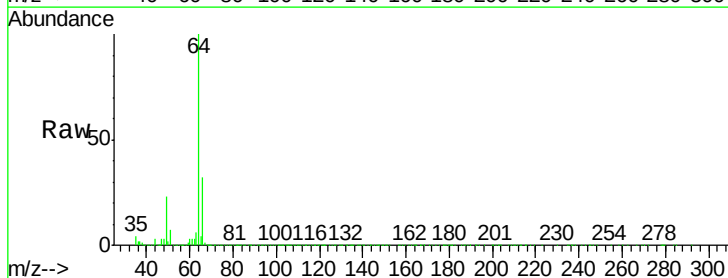
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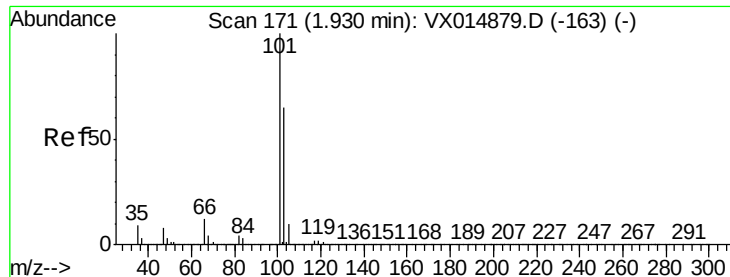
Tgt Ion: 64 Resp: 140892

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4





#7

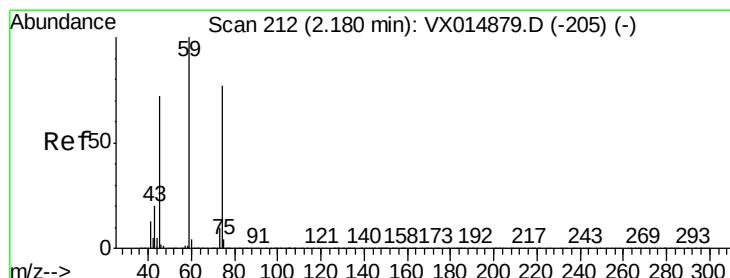
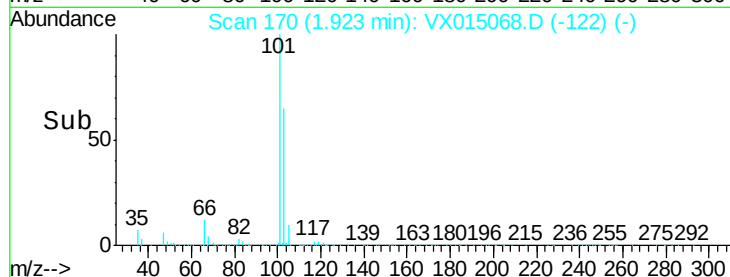
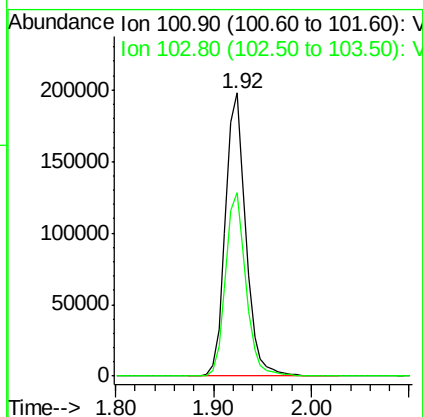
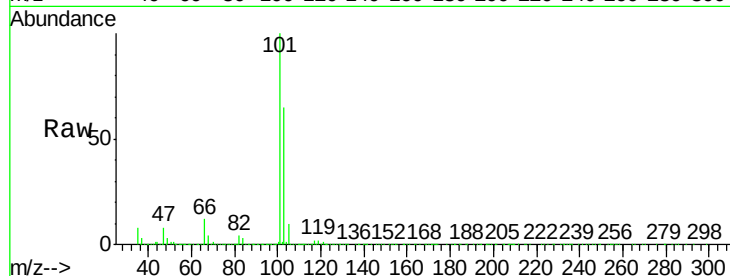
Trichlorofluoromethane
Concen: 42.632 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

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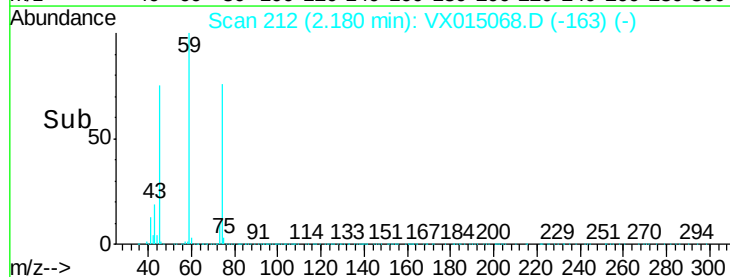
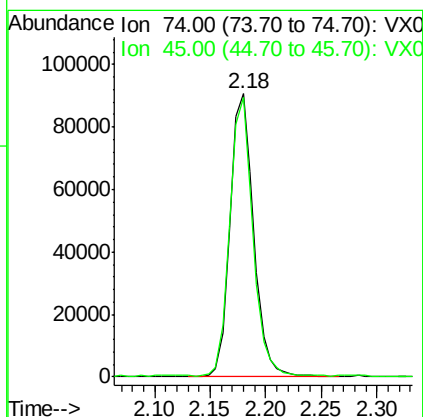
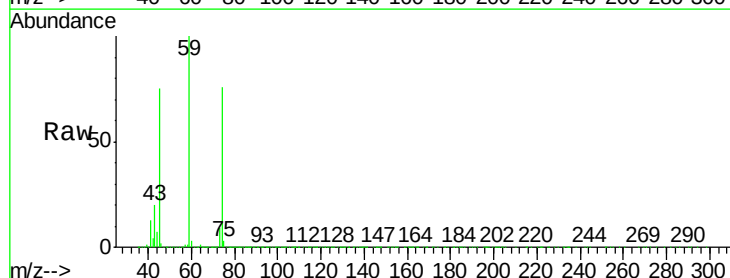
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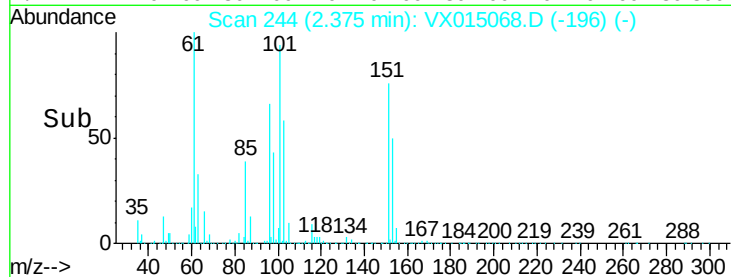
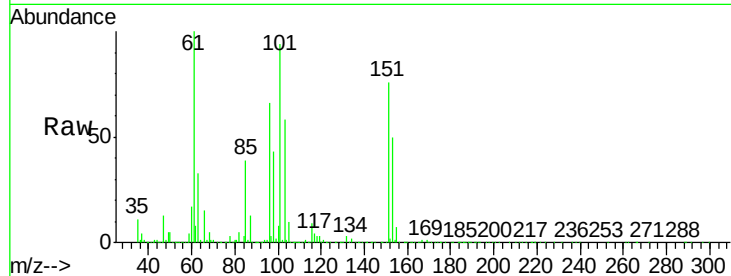
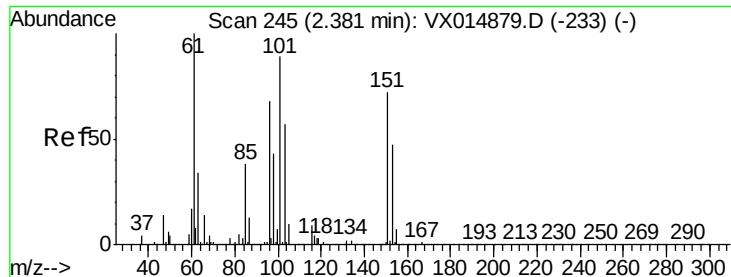


#8

Diethyl Ether
Concen: 47.324 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	46.6	139.8





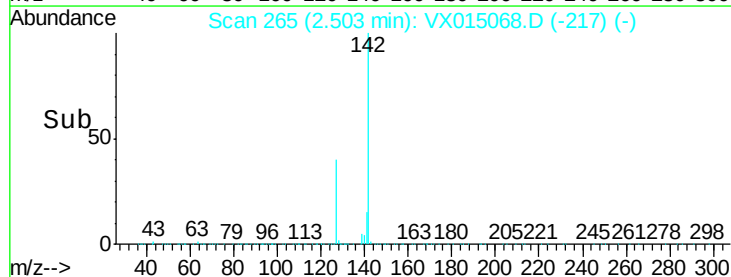
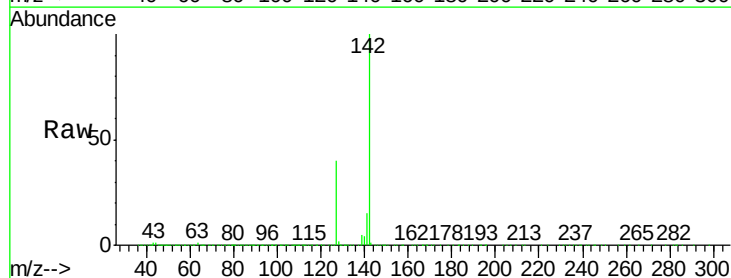
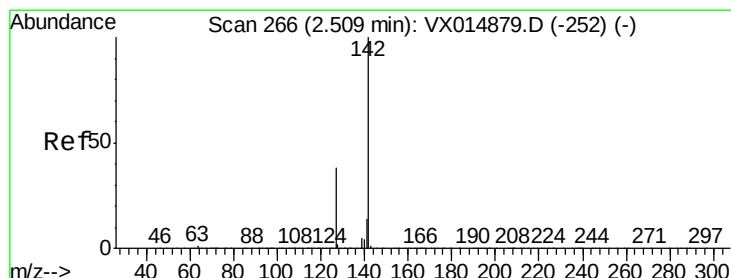
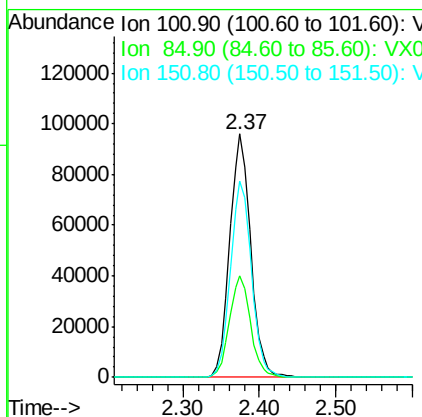
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.767 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	34.1	51.1
151	81.0	67.3	100.9

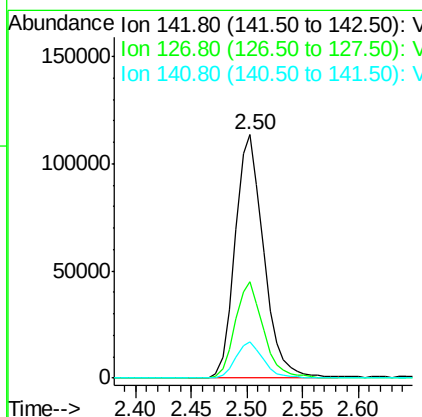
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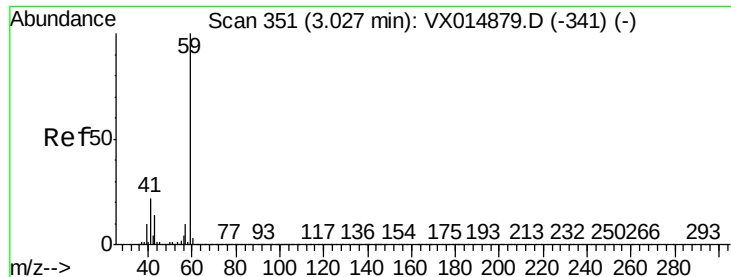
MMDadoda
3/3/2020 9:51:39 AM



#10
Methyl Iodide
Concen: 46.813 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.4	31.1	46.7
141	14.5	11.3	16.9





#11

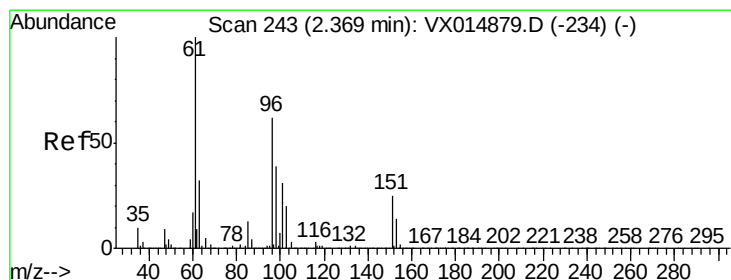
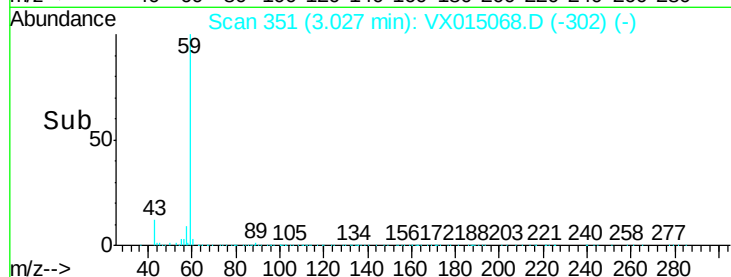
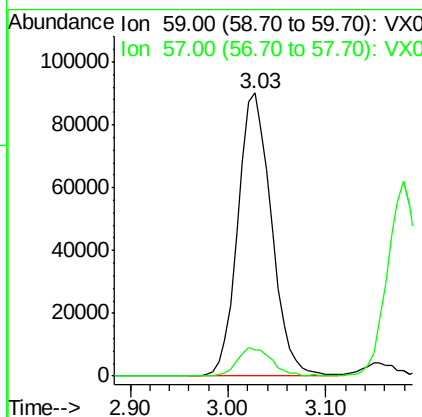
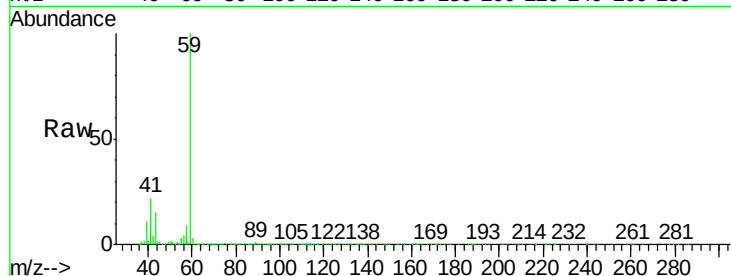
Tert butyl alcohol
 Concen: 259.192 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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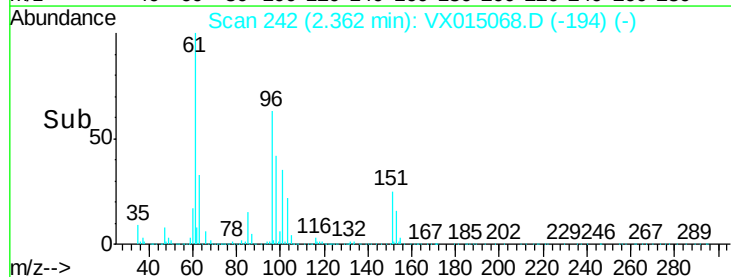
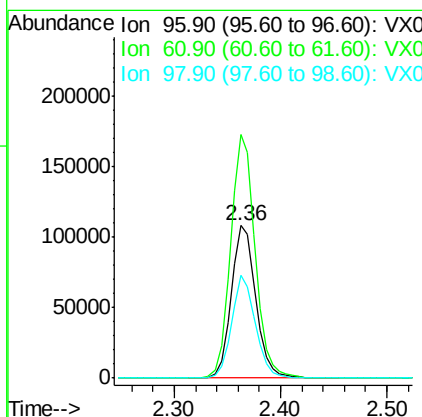
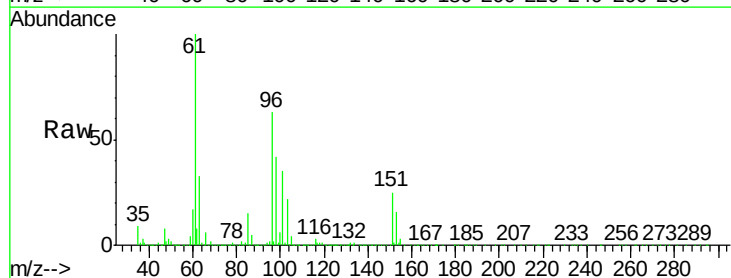
MMDadoda
 3/3/2020 9:51:39 AM

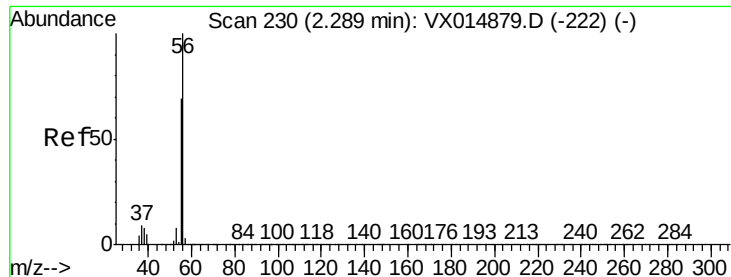


#12

1,1-Dichloroethene
 Concen: 45.640 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	129.5	194.3
98	67.7	50.6	76.0





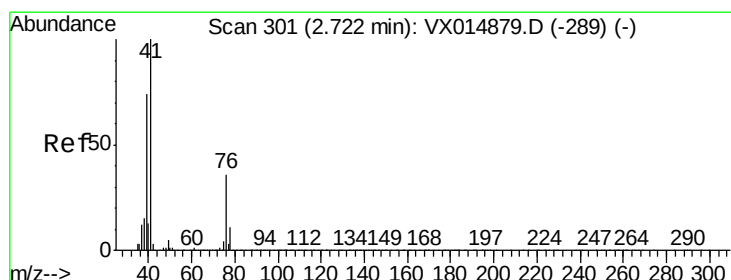
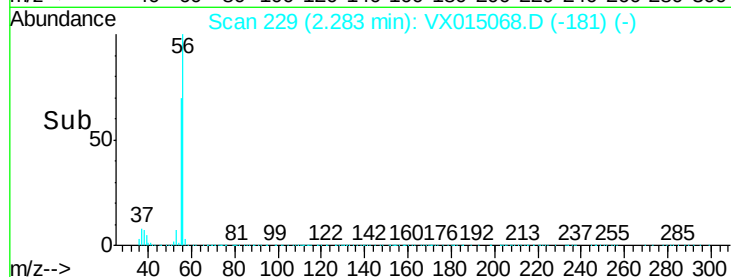
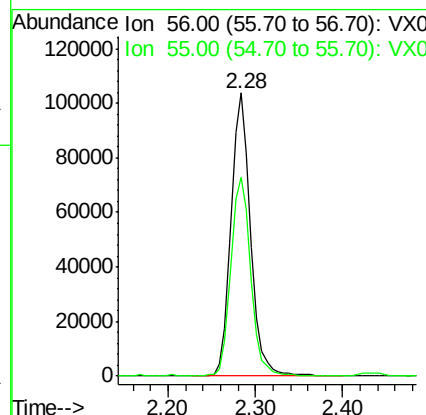
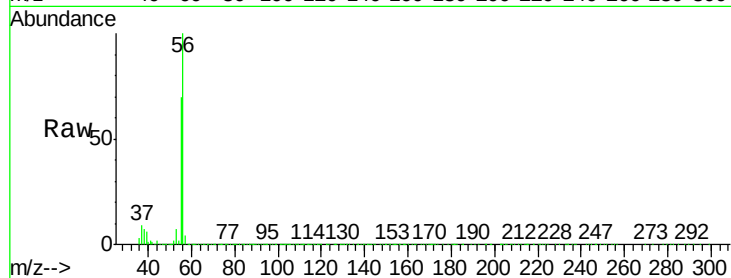
#13
Acrolein
Concen: 252.198 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	55.0	82.4

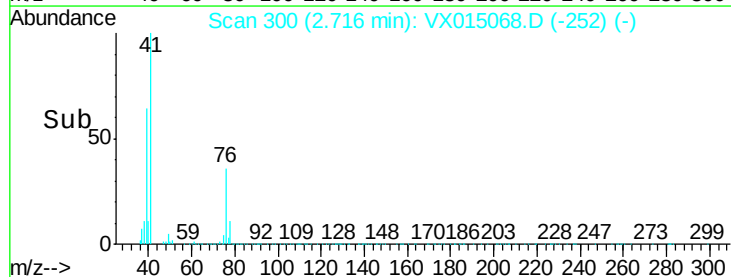
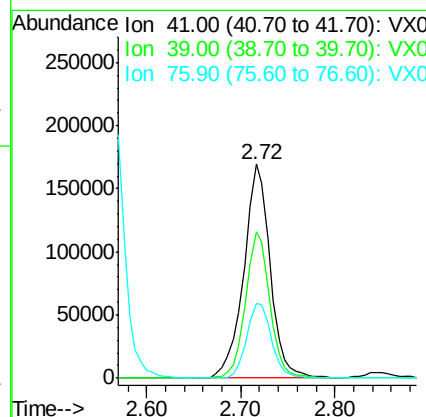
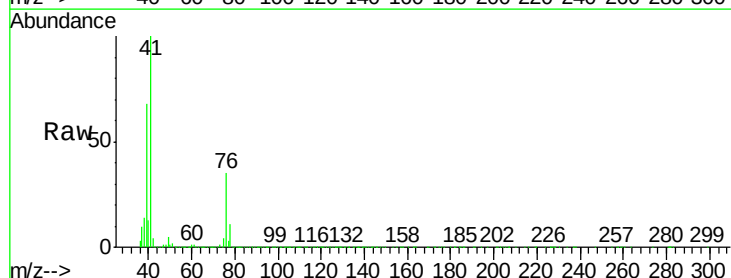
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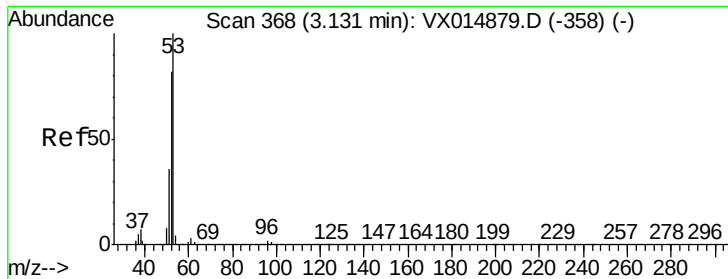
MMDadoda
3/3/2020 9:51:39 AM



#14
Allyl chloride
Concen: 48.629 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.1	55.2	82.8
76	32.8	26.8	40.2





#15

Acrylonitrile

Concen: 274.673 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

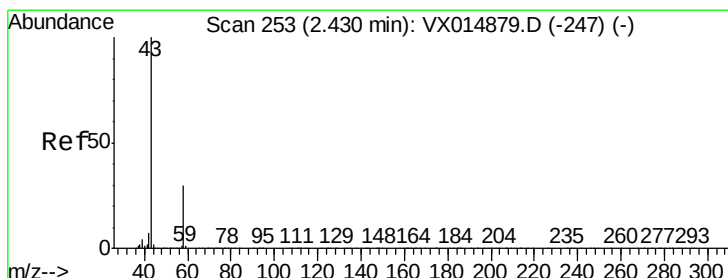
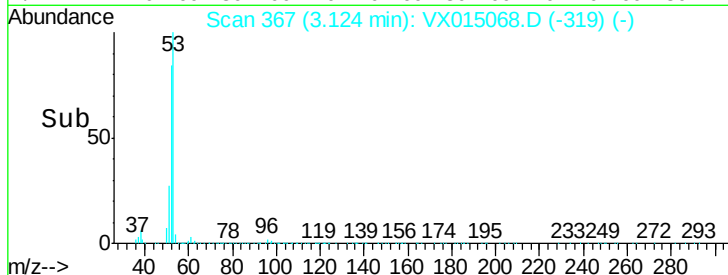
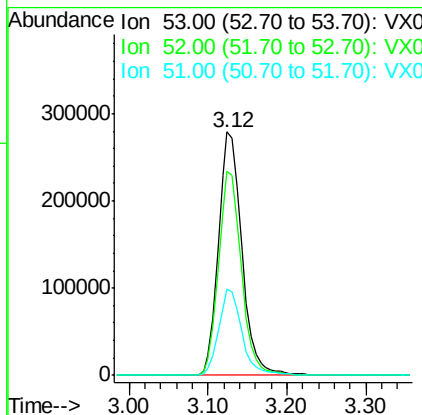
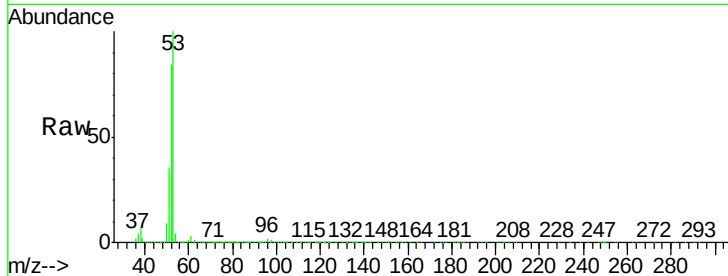
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	576345
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.8	98.6
51	34.9	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 216.423 ug/l

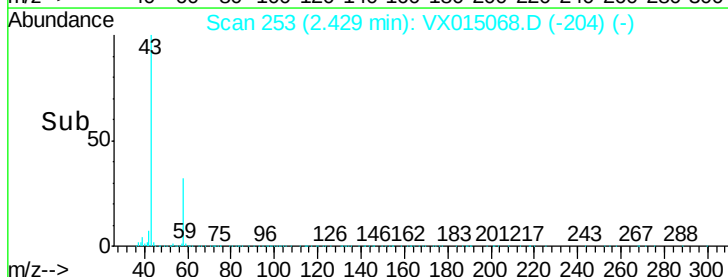
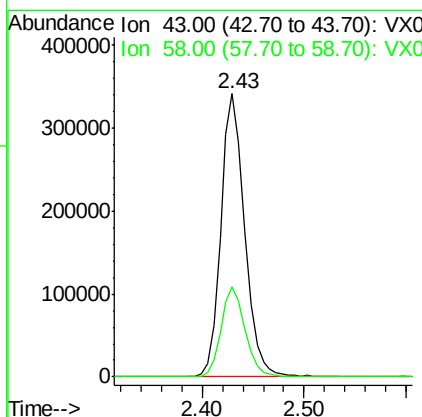
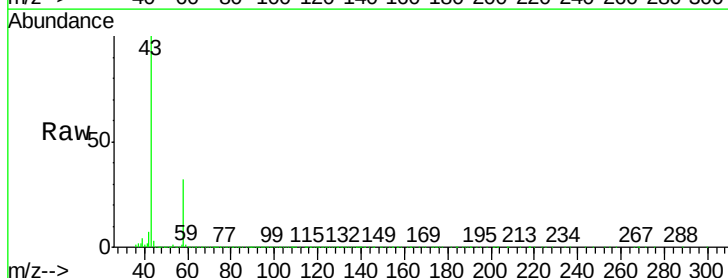
RT: 2.43 min Scan# 253

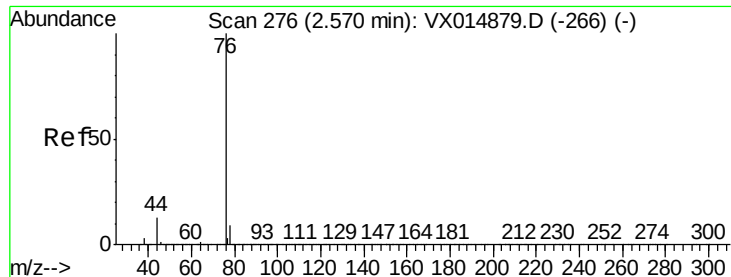
Delta R.T. 0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion:	43	Resp:	548687
Ion Ratio	Lower	Upper	
43	100		
58	31.9	24.1	36.1





#17

Carbon Disulfide

Concen: 39.752 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 422876

Ion Ratio Lower Upper

76 100

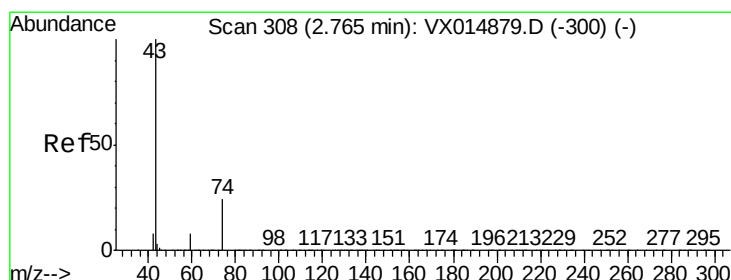
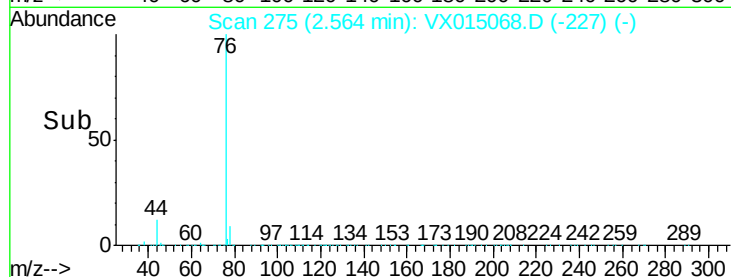
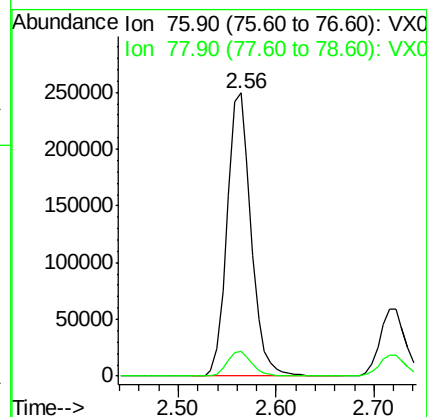
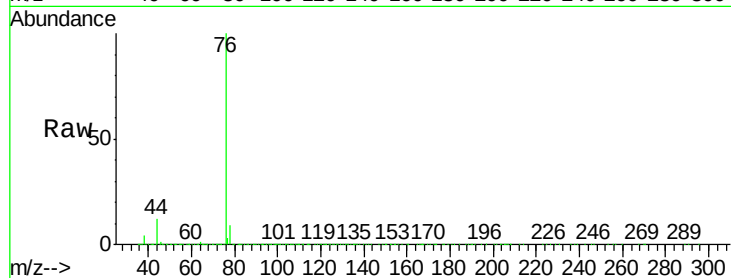
78 8.9 7.4 11.0

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#18

Methyl Acetate

Concen: 58.942 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015068.D

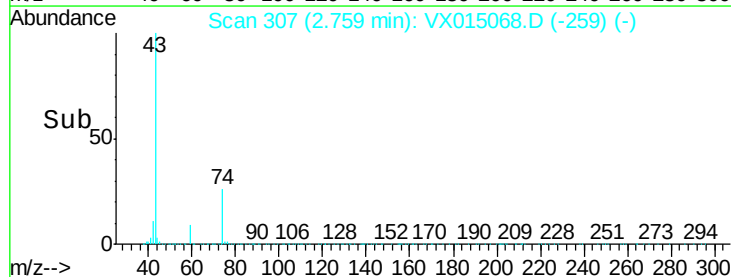
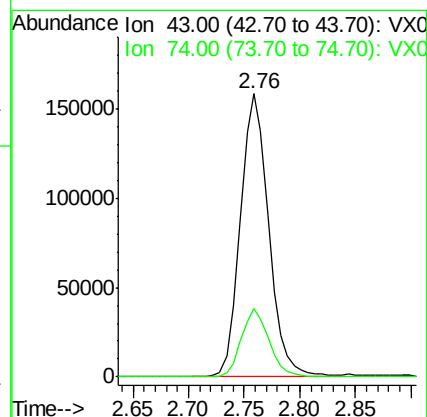
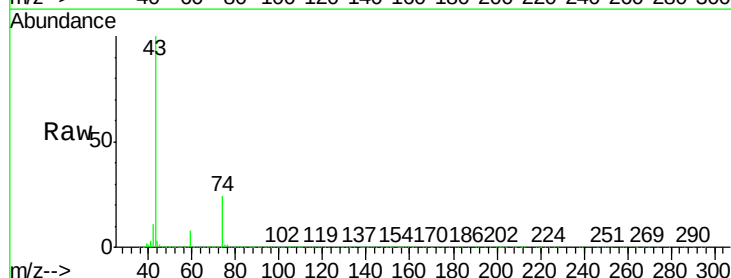
Acq: 02 Mar 2020 15:52

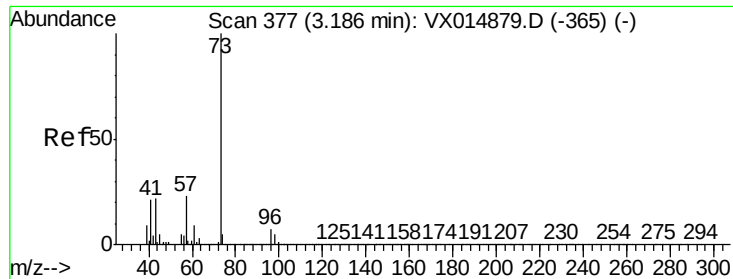
Tgt Ion: 43 Resp: 278286

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0





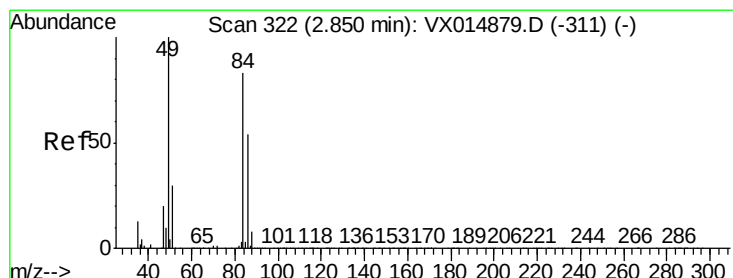
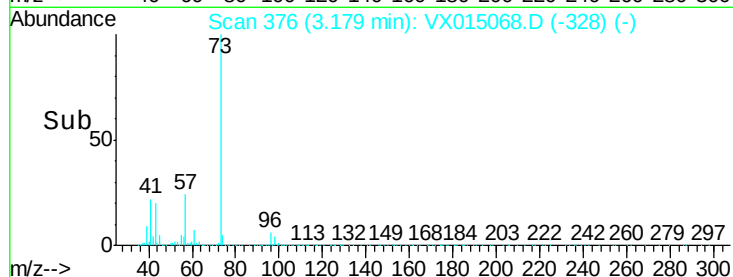
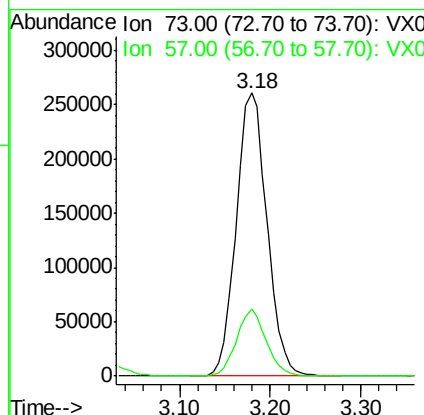
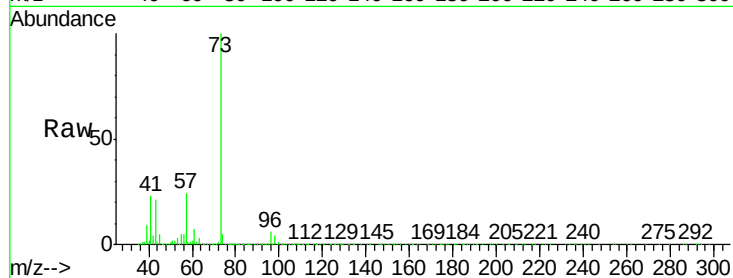
#19
Methyl tert-butyl Ether
Concen: 49.552 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.4

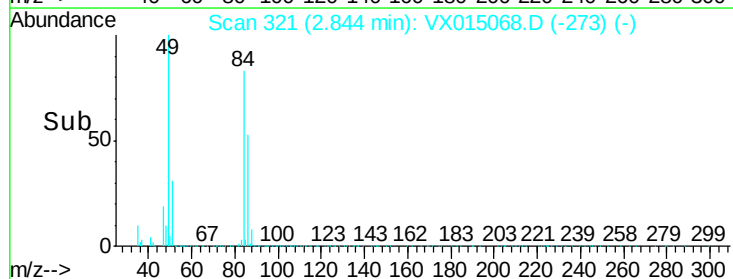
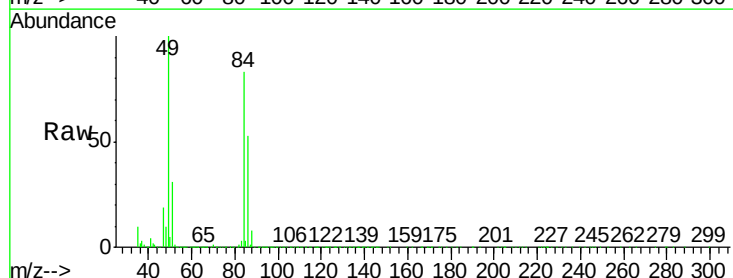
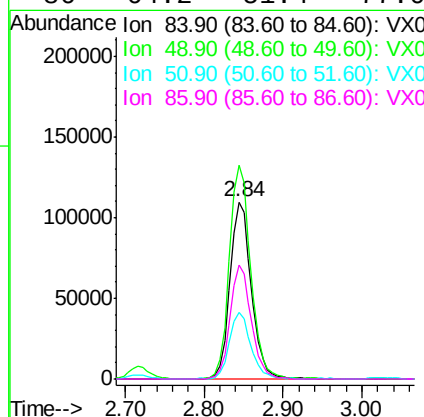
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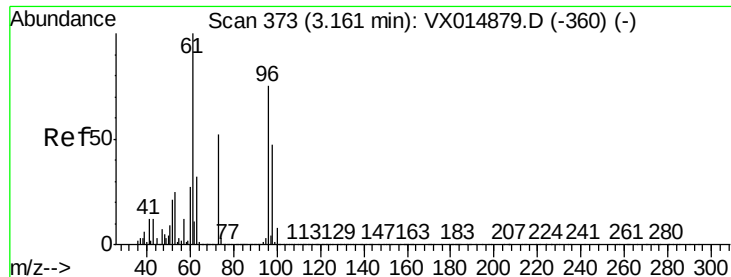
MMDadoda
3/3/2020 9:51:39 AM



#20
Methylene Chloride
Concen: 45.482 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	95.6	143.4
51	37.5	29.0	43.6
86	64.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 43.922 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

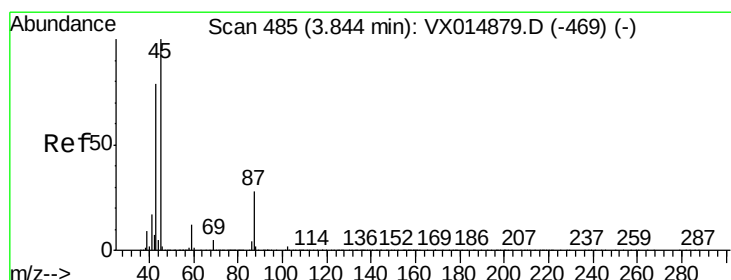
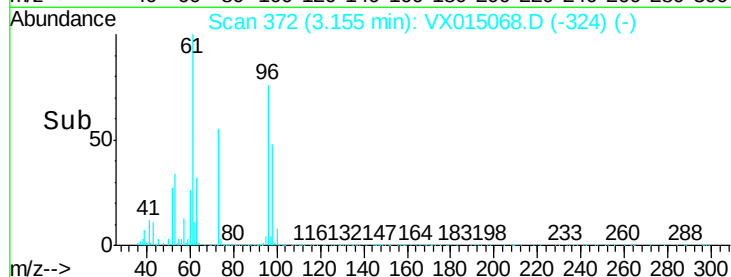
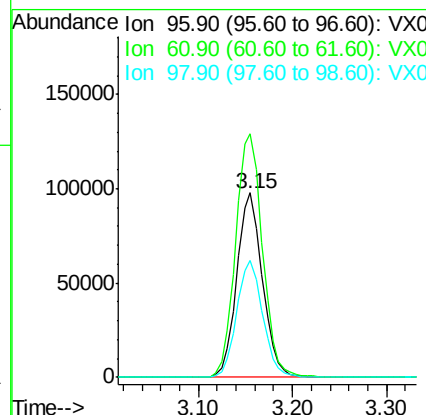
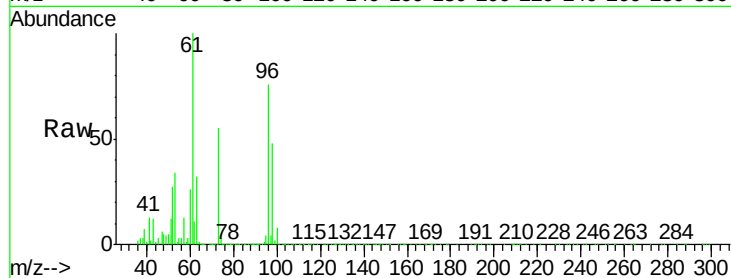
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	184520
Ion Ratio	Lower	Upper	
96	100		
61	131.9	106.9	160.3
98	63.2	50.7	76.1

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#22

Diisopropyl ether

Concen: 51.970 ug/l

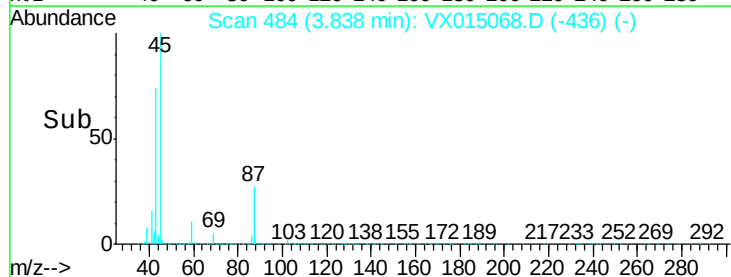
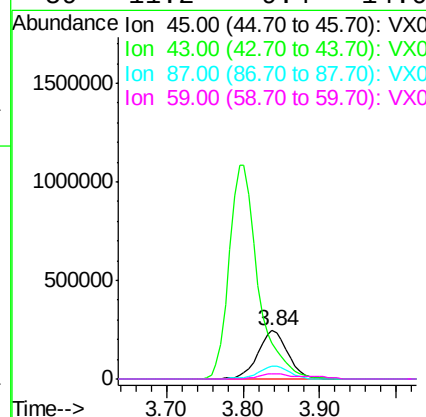
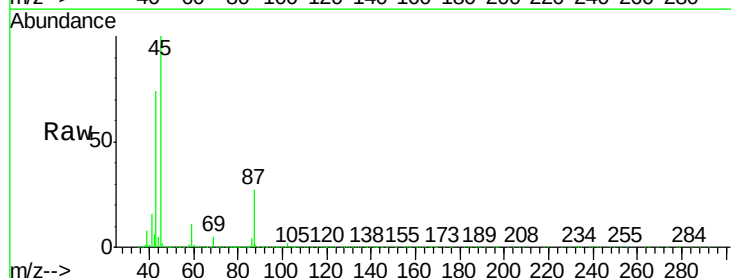
RT: 3.84 min Scan# 484

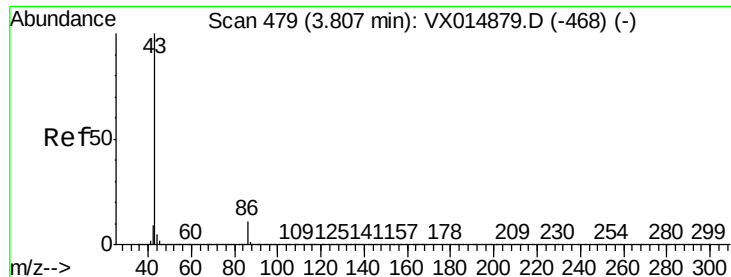
Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion:	45	Resp:	670027
Ion Ratio	Lower	Upper	
45	100		
43	74.2	63.5	95.3
87	26.7	22.2	33.4
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 267.213 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2839915

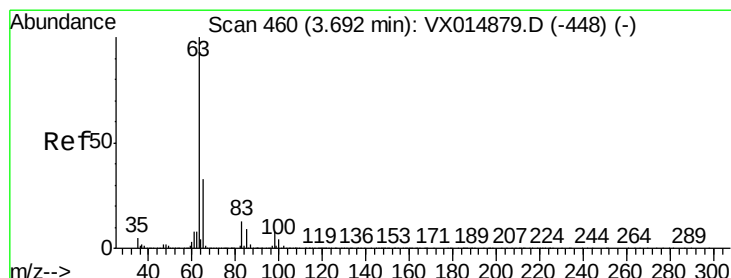
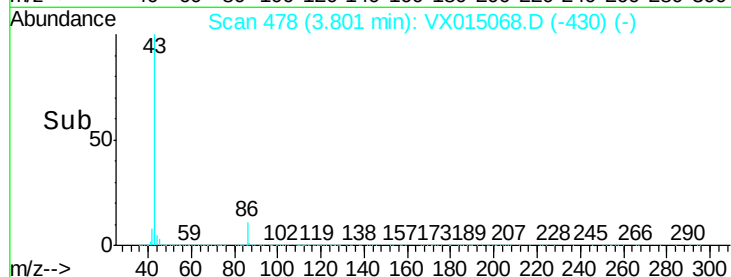
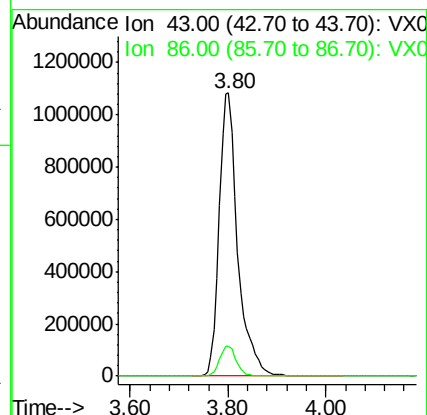
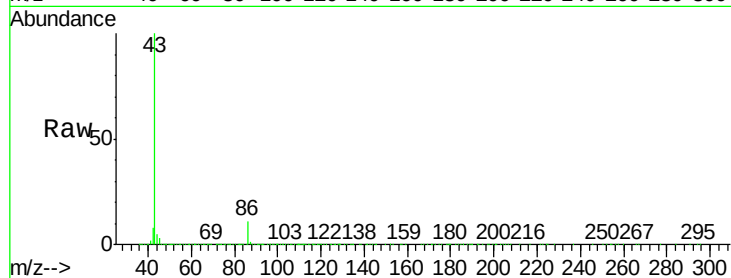
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 48.845 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

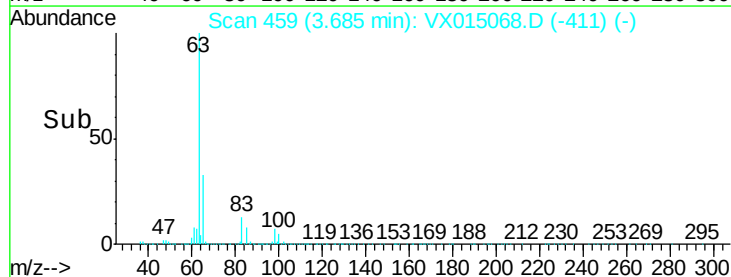
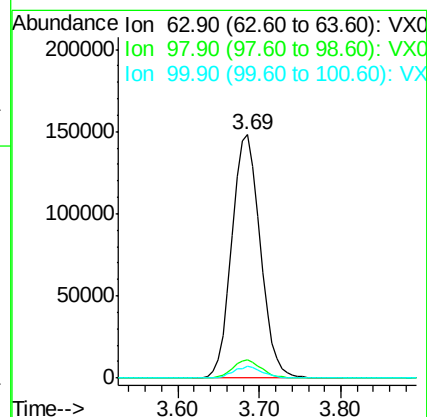
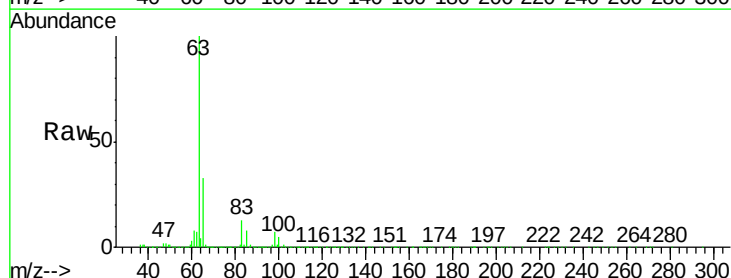
Tgt Ion: 63 Resp: 355409

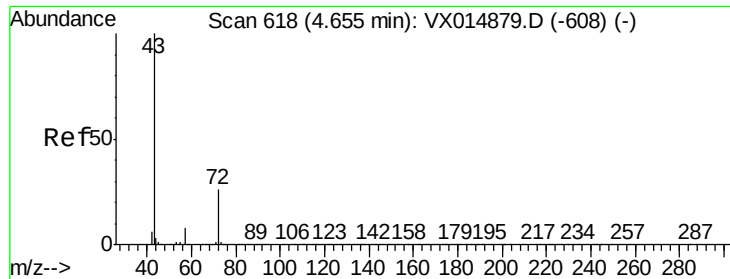
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 255.717 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tot Ion: 43 Resp: 816116

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

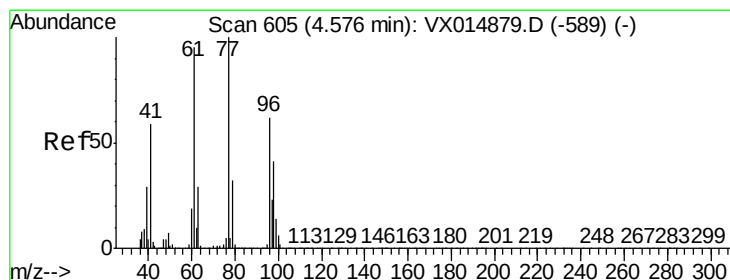
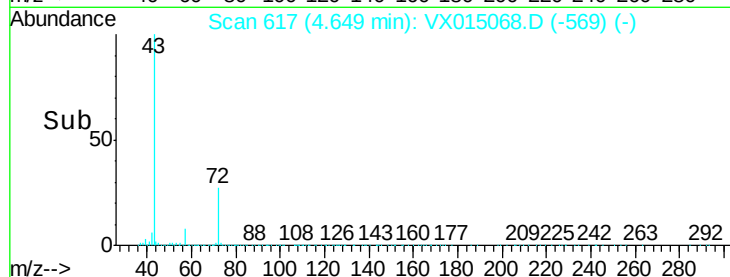
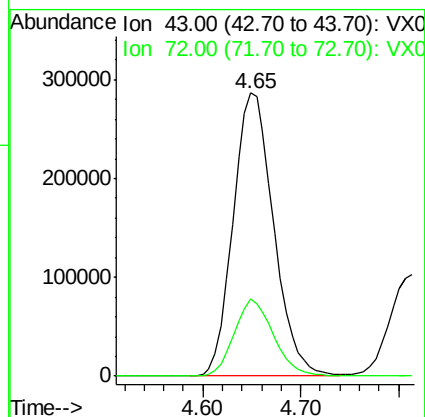
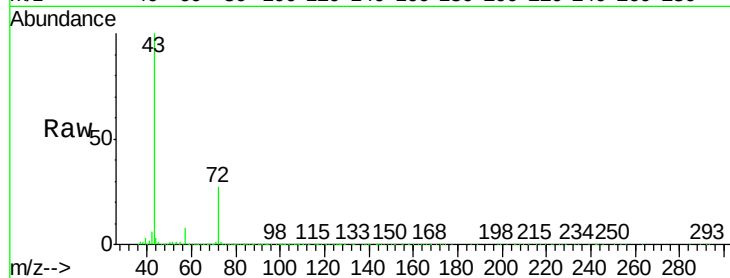
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.797 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015068.D

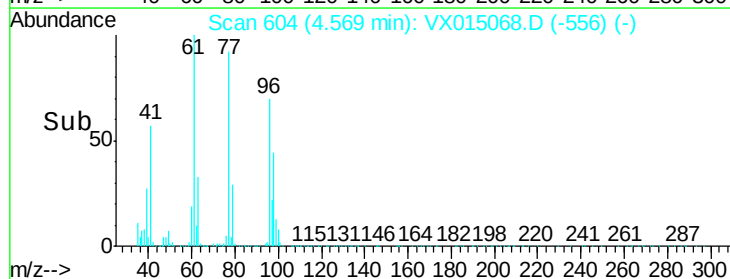
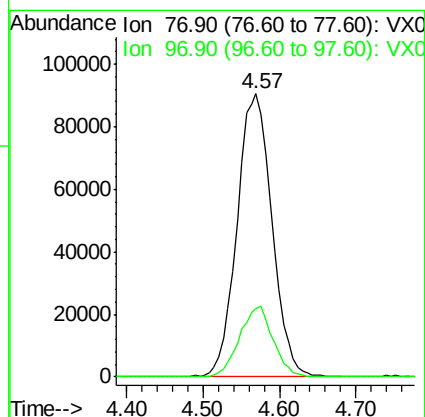
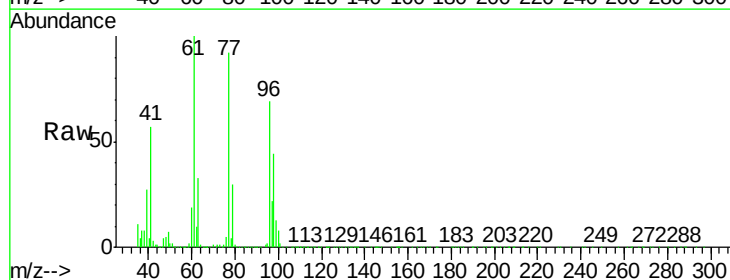
Acq: 02 Mar 2020 15:52

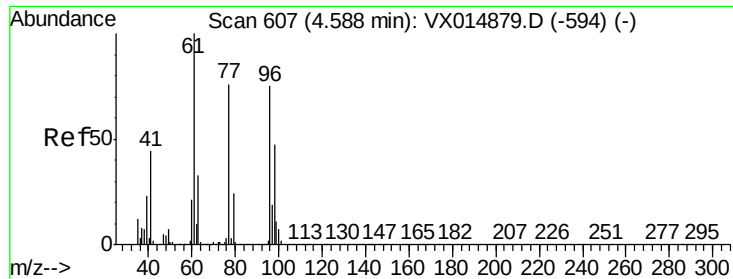
Tgt Ion: 77 Resp: 287174

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





#27

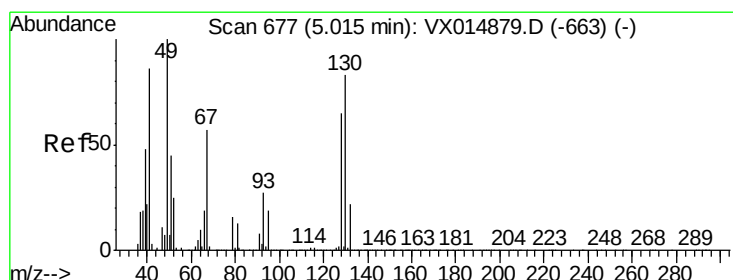
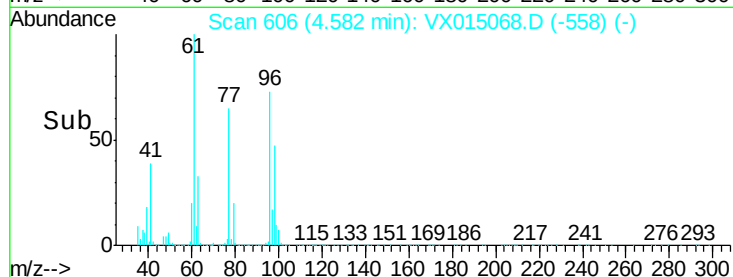
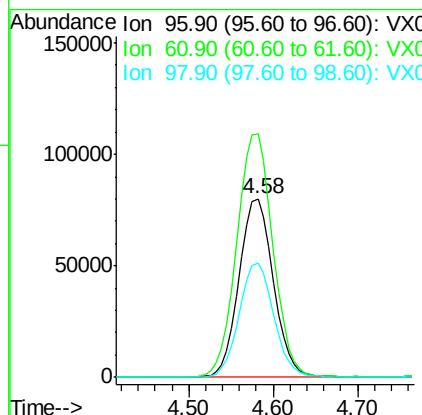
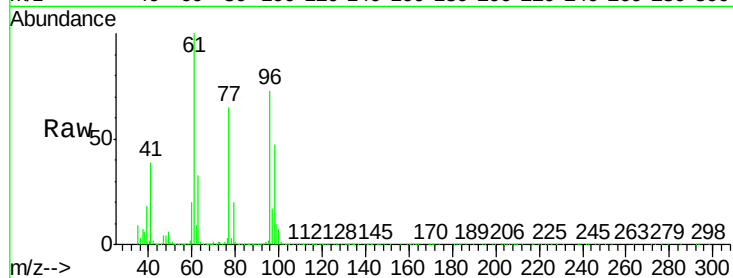
cis-1,2-Dichloroethene
Concen: 47.217 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	286.2
98	64.6	0.0	131.0

Manual Integrations
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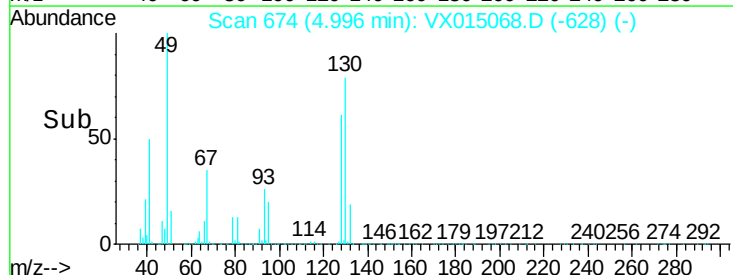
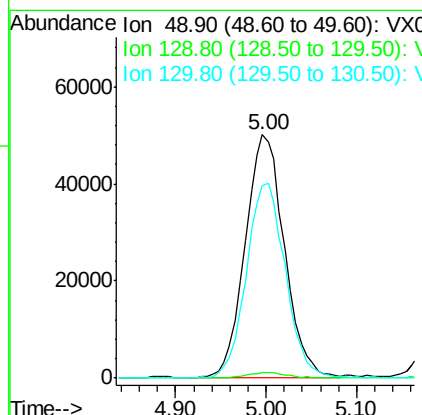
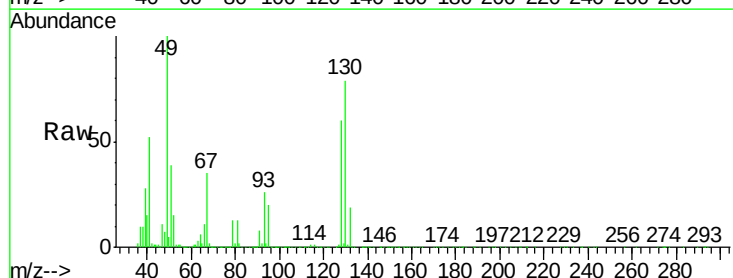
MMDadoda
3/3/2020 9:51:39 AM

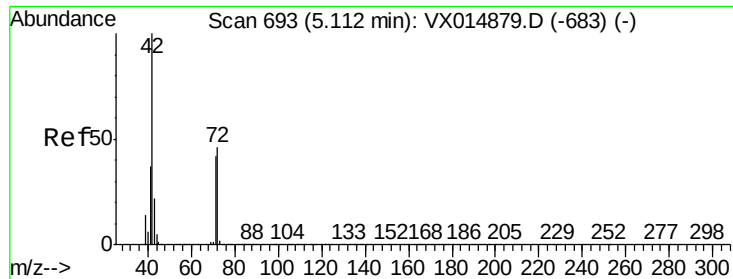


#28

Bromochloromethane
Concen: 52.816 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	79.8	67.4	101.2





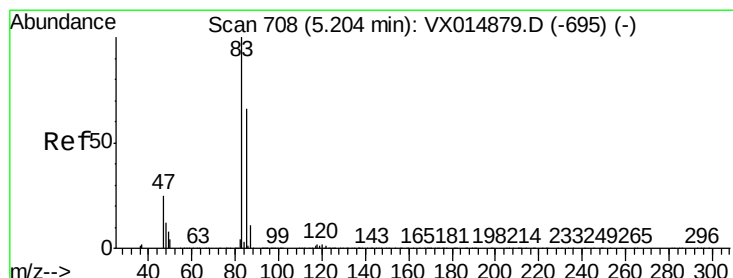
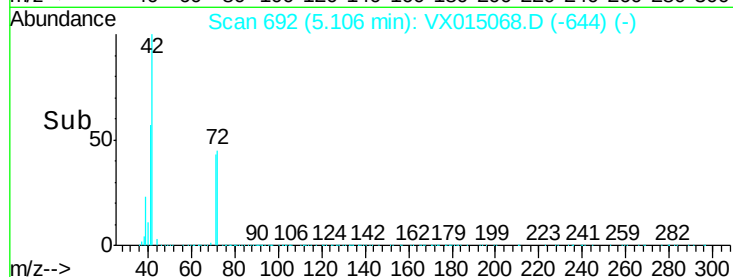
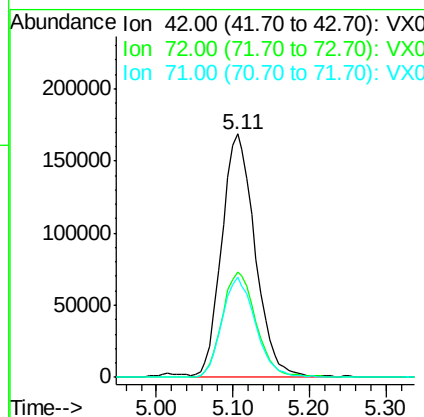
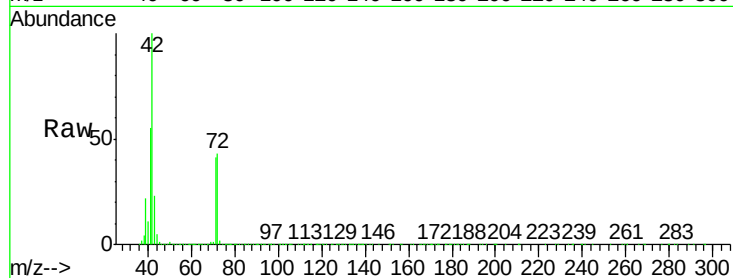
#29
Tetrahydrofuran
Concen: 278.488 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.9	55.3
71	41.2	34.1	51.1

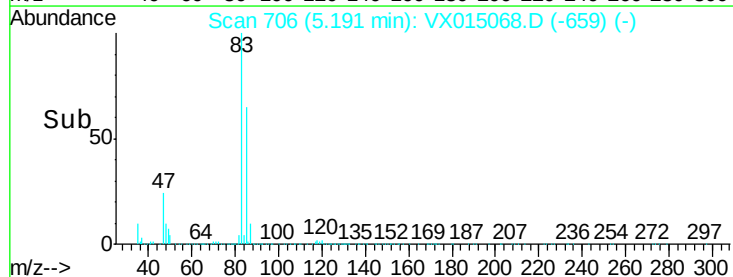
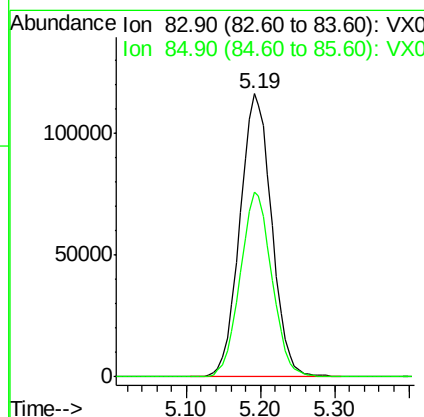
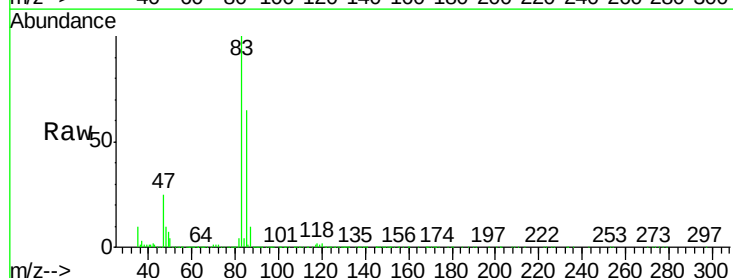
Manual Integrations
APPROVED

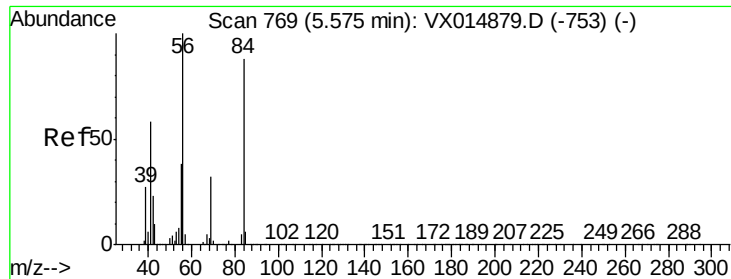
MMDadoda
3/3/2020 9:51:39 AM



#30
Chloroform
Concen: 48.112 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.9	79.3





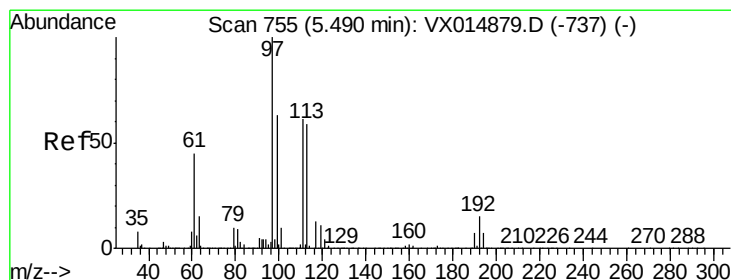
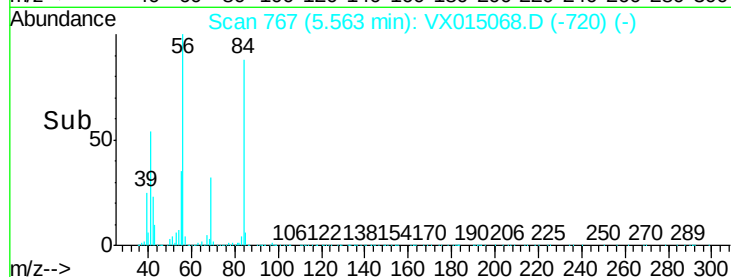
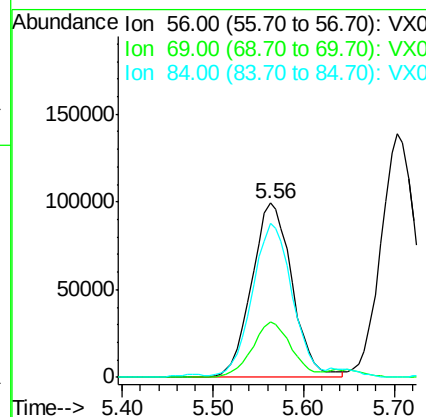
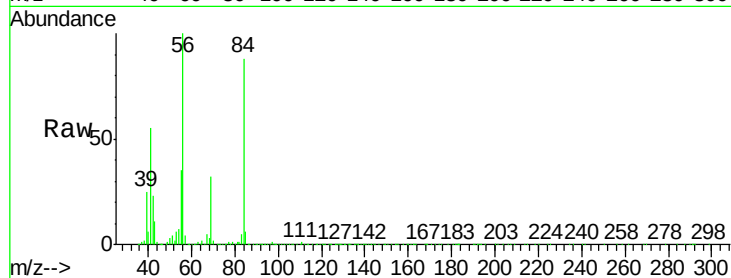
#31
Cyclohexane
Concen: 46.273 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.9	38.9
84	86.8	70.4	105.6

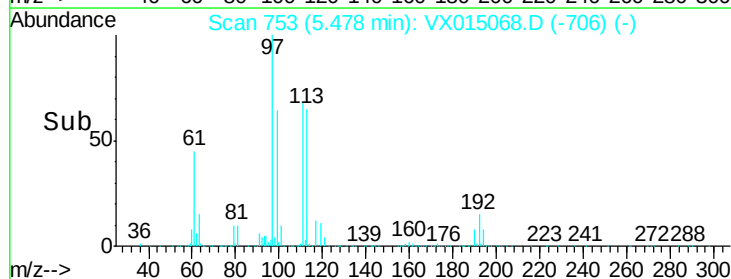
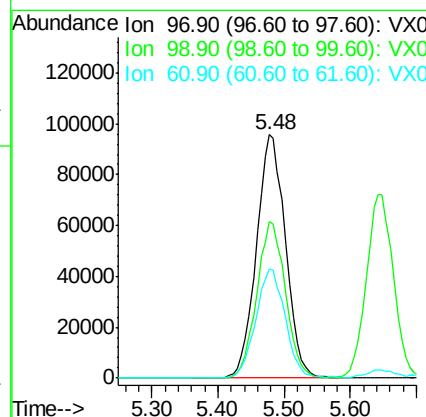
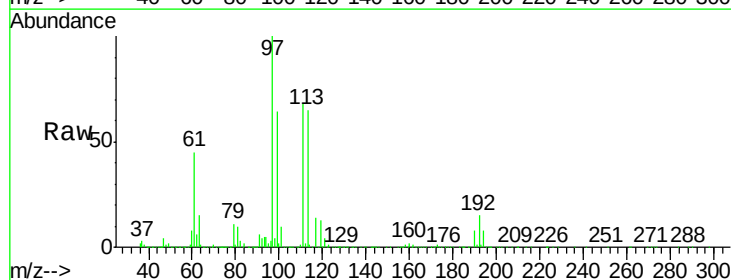
Manual Integrations
APPROVED

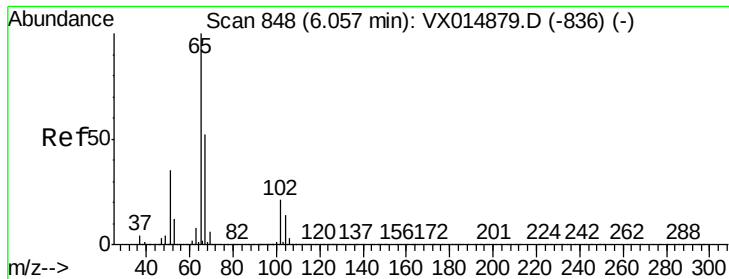
MMDadoda
3/3/2020 9:51:39 AM



#32
1,1,1-Trichloroethane
Concen: 46.309 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	45.4	36.3	54.5





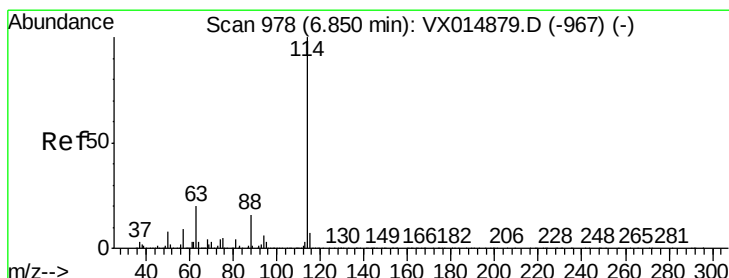
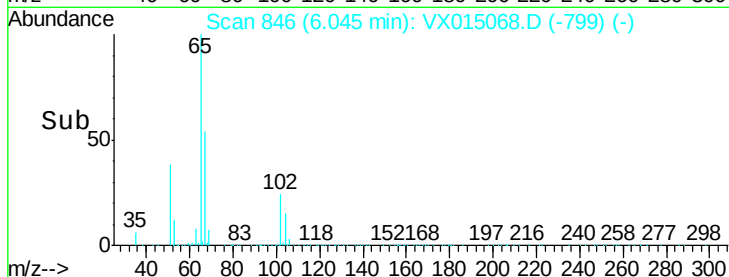
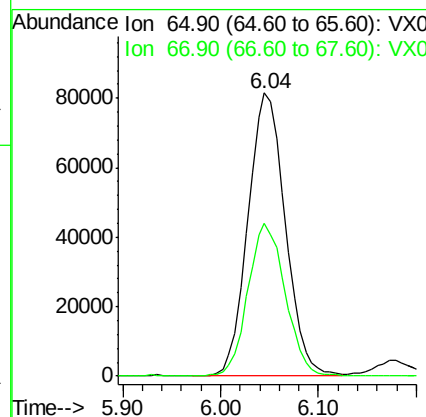
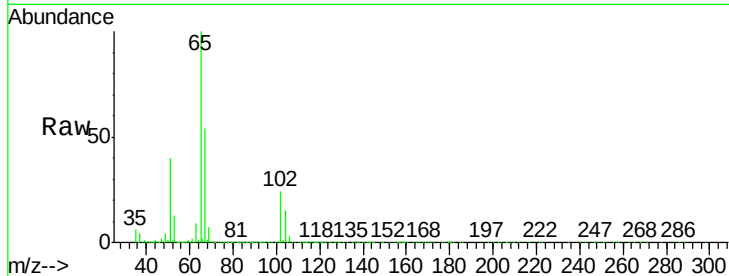
#33
 1,2-Dichloroethane-d4
 Concen: 45.819 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214794		
67	53.6	0.0	103.0	

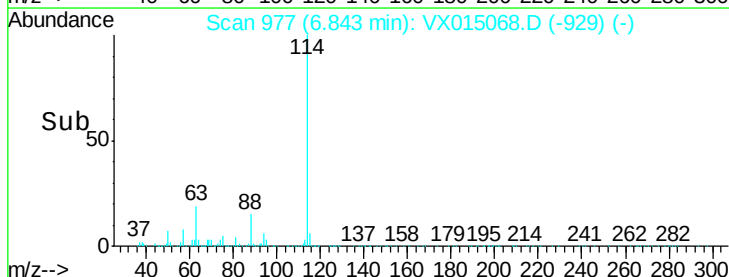
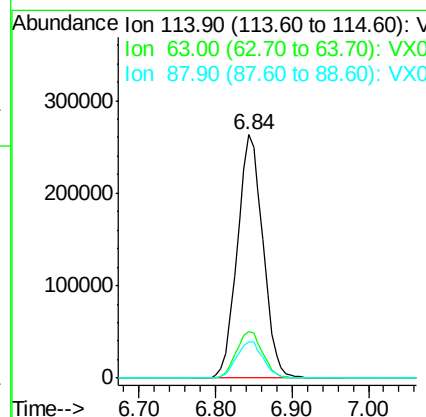
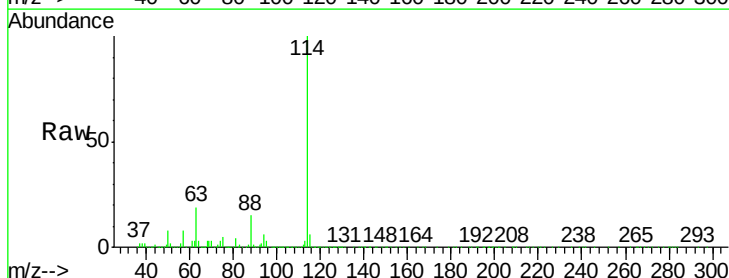
Manual Integrations
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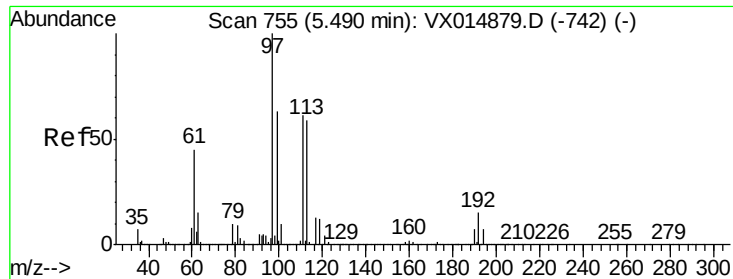
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	609702		
63	19.3	0.0	39.2	
88	14.8	0.0	32.0	





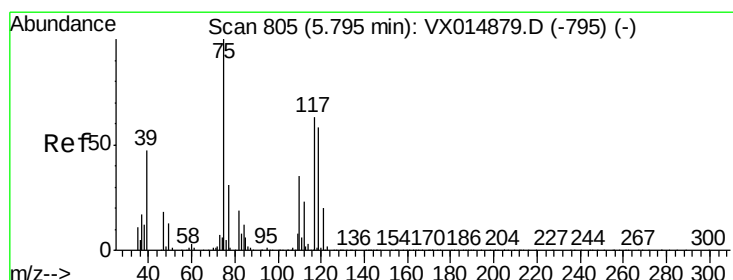
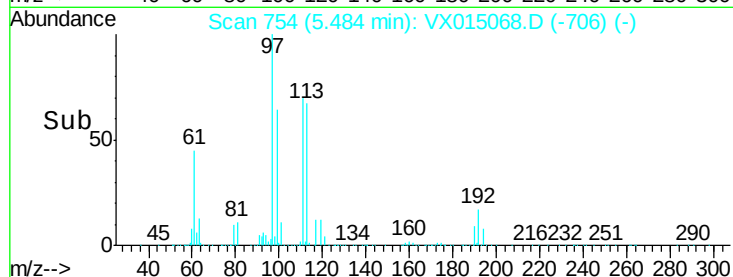
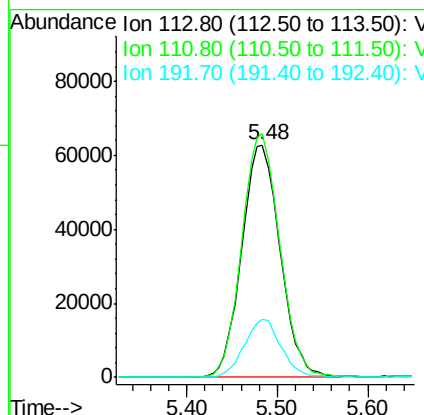
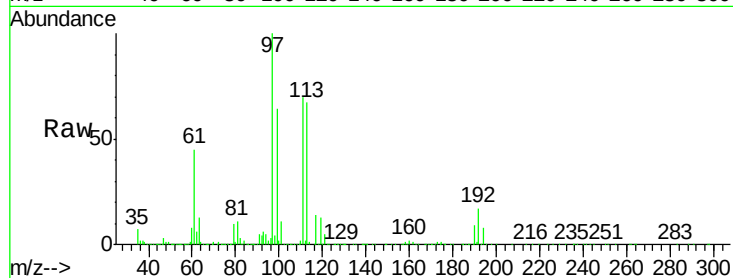
#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183245		
111	103.9	82.4	123.6	
192	24.3	19.1	28.7	

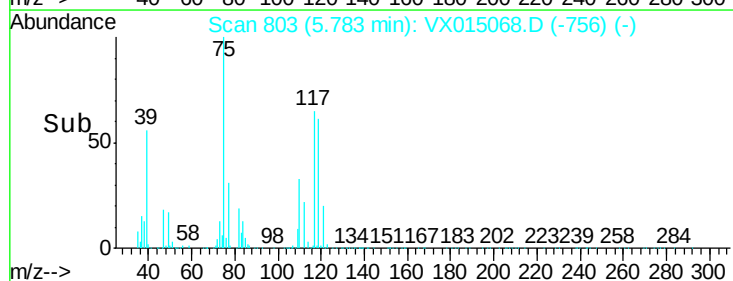
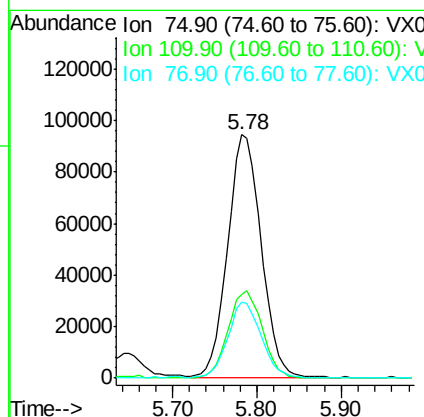
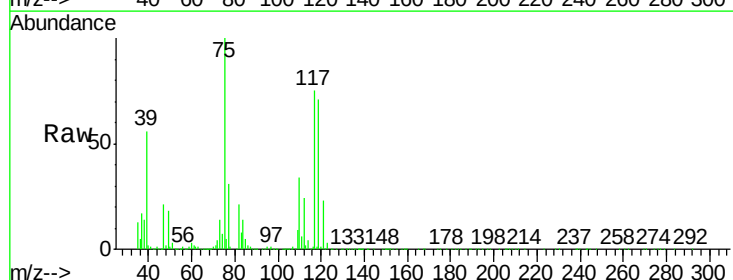
Manual Integrations
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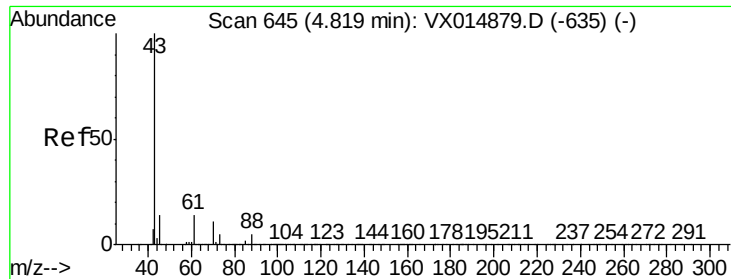
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#36
1,1-Dichloropropene
Concen: 46.794 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	255215		
110	36.4	18.3	54.8	
77	31.0	24.6	36.8	





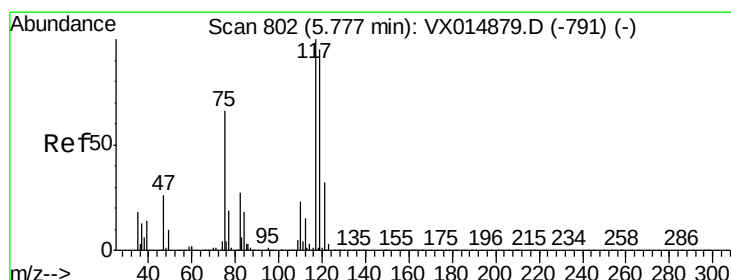
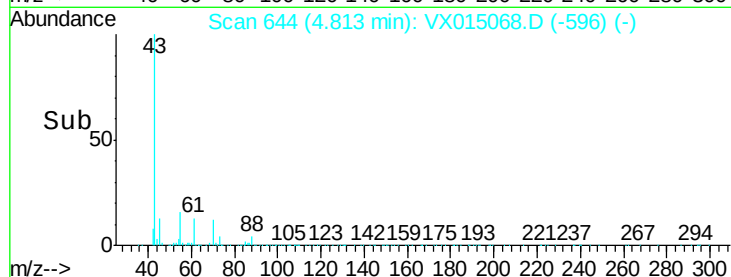
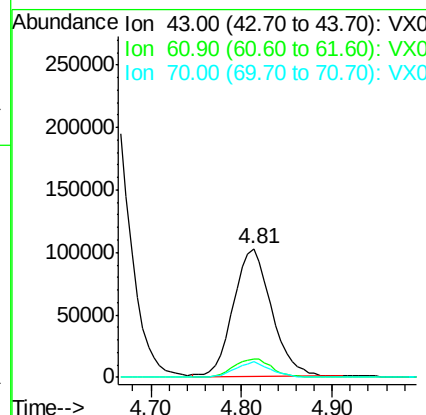
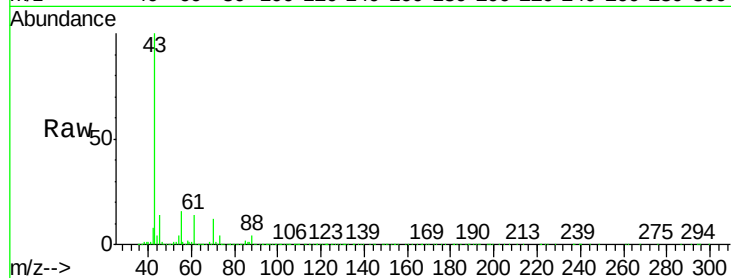
#37
Ethyl Acetate
Concen: 52.316 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	297594
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.9	16.3
70	11.1	8.7	13.1

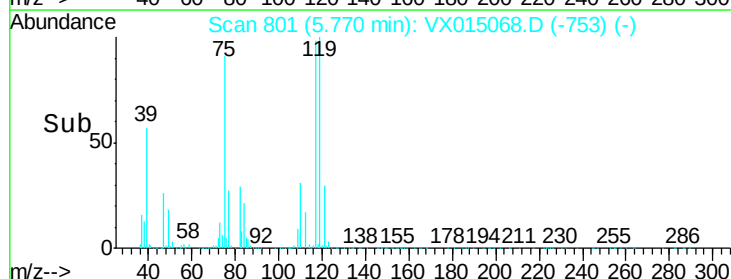
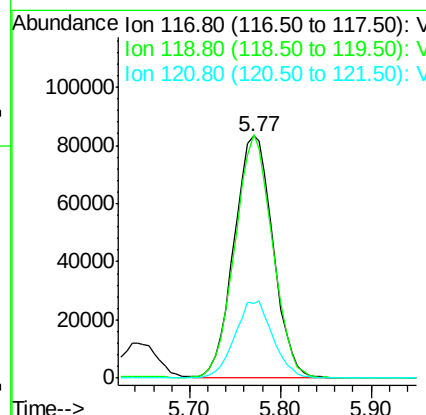
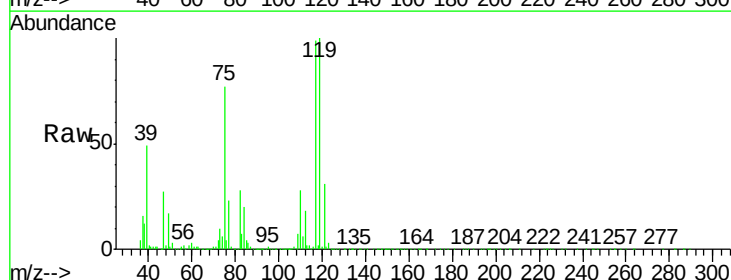
Manual Integrations
APPROVED

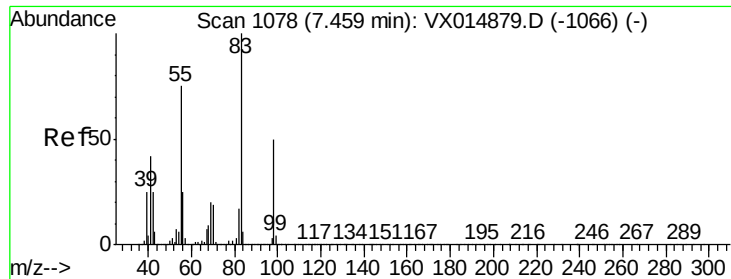
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#38
Carbon Tetrachloride
Concen: 46.396 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	117	Resp	246598
Ion Ratio	Lower	Upper	
117	100		
119	100.6	76.0	114.0
121	30.8	25.4	38.2





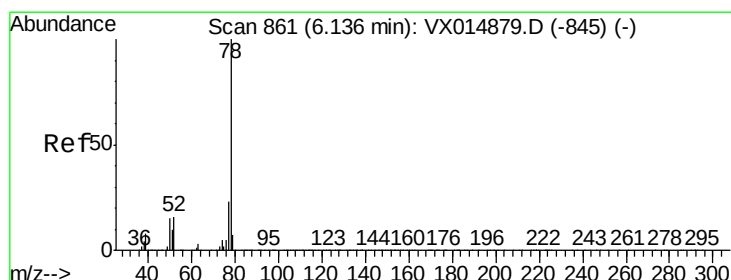
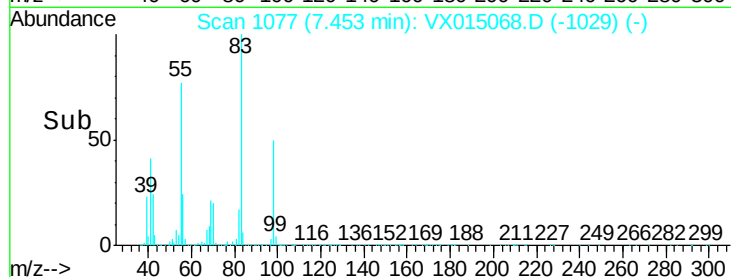
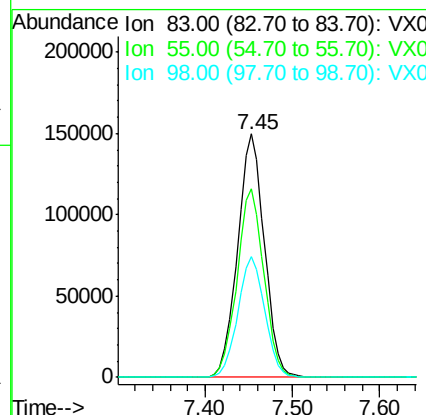
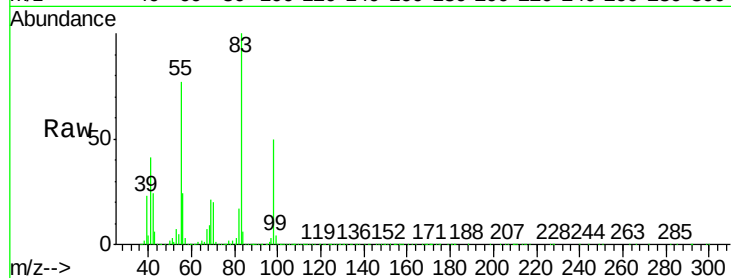
#39
Methylvlcyclohexane
Concen: 46.608 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.0	90.0
98	49.6	39.6	59.4

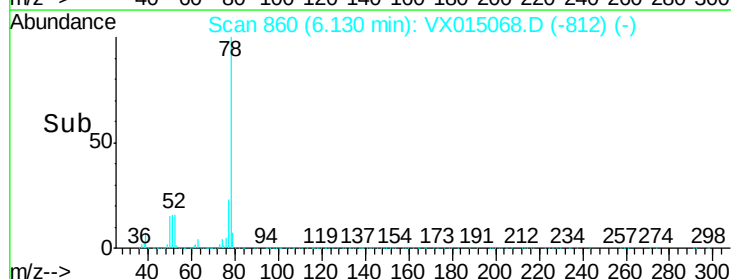
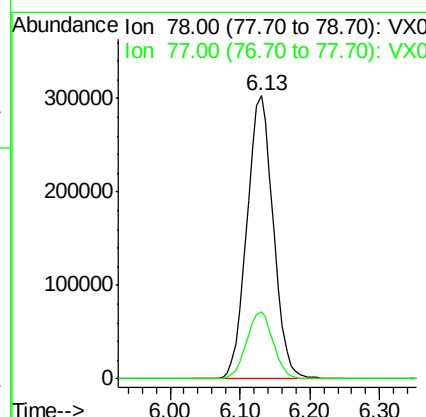
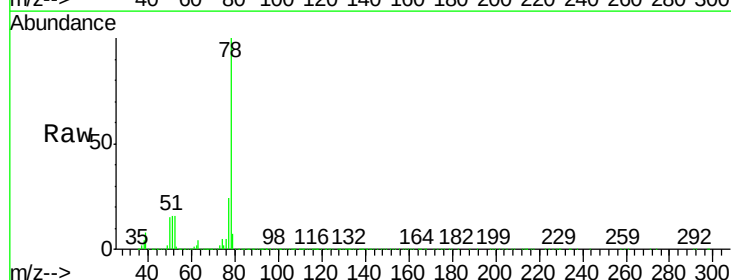
Manual Integrations
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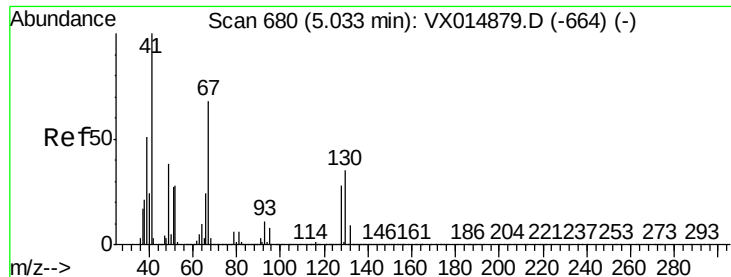
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#40
Benzene
Concen: 48.625 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 55.763 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

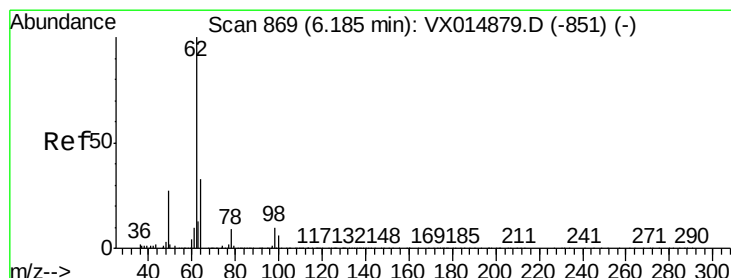
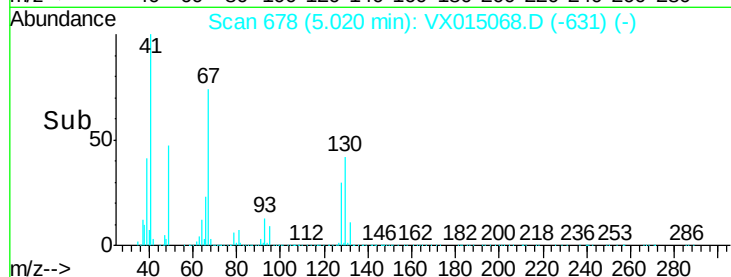
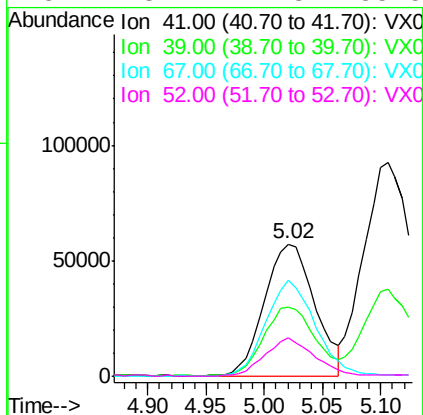
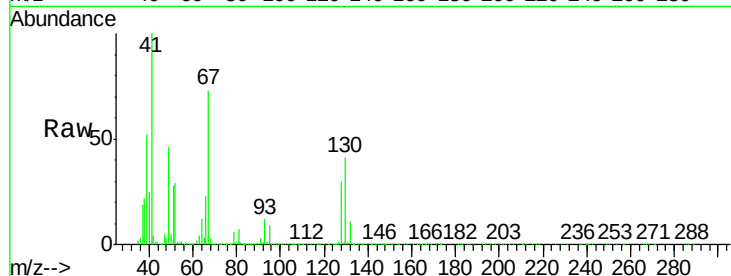
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	44.7	67.1
67	71.5	56.6	84.8
52	28.2	22.3	33.5

Manual Integrations
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3/3/2020 9:51:39 AM



#42

1,2-Dichloroethane

Concen: 45.539 ug/l

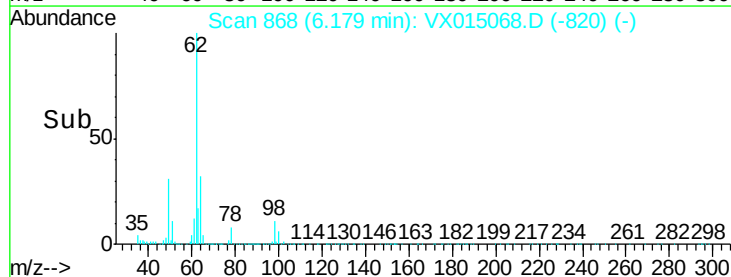
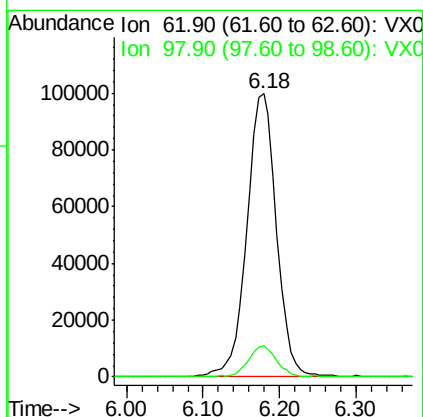
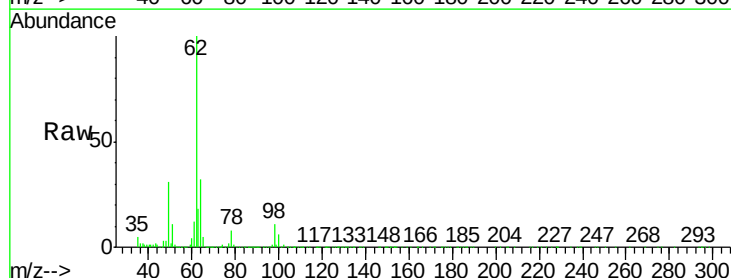
RT: 6.18 min Scan# 868

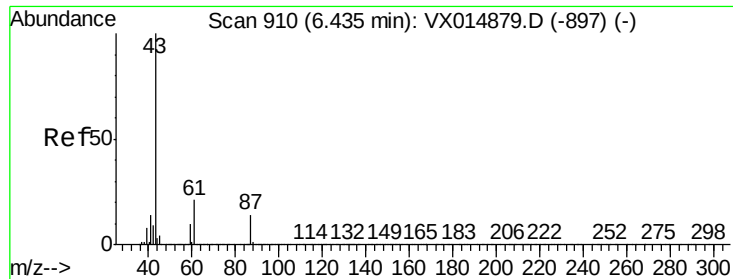
Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2





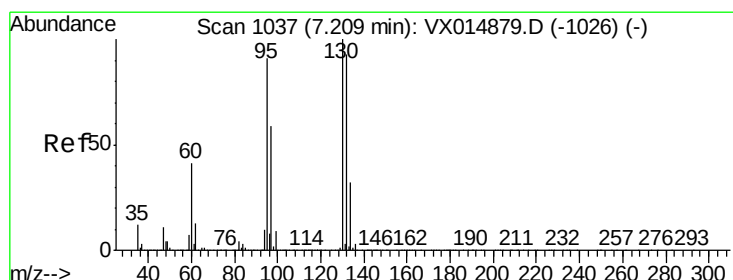
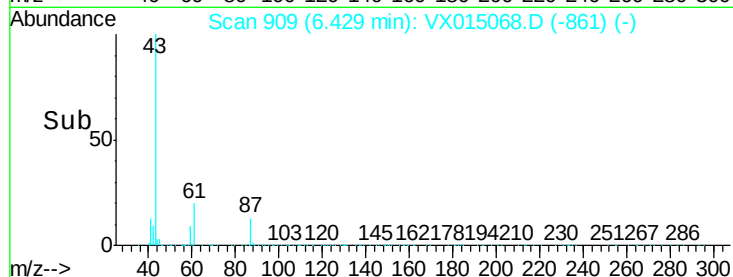
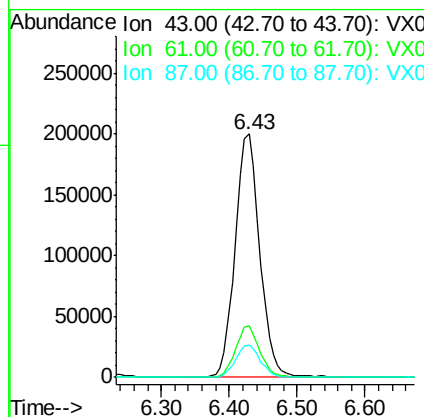
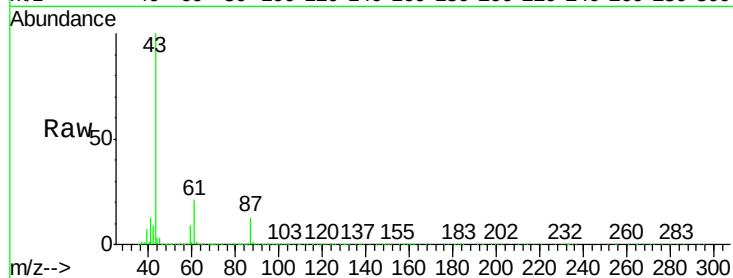
#43
Isopropyl Acetate
Concen: 53.385 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	500947
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.4
87	13.1	11.0	16.6

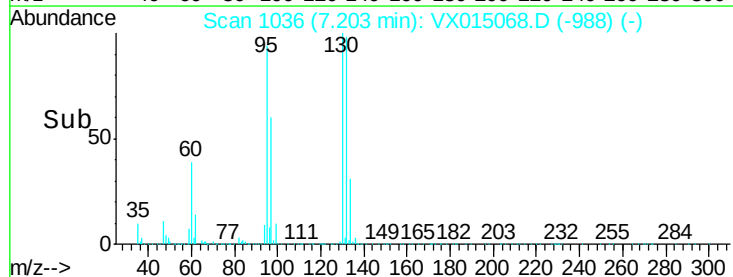
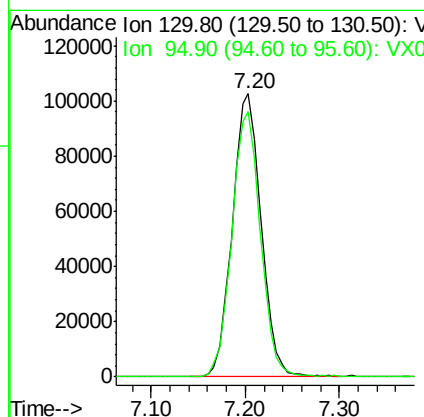
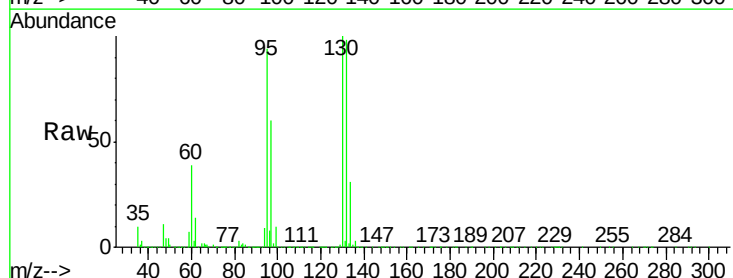
Manual Integrations
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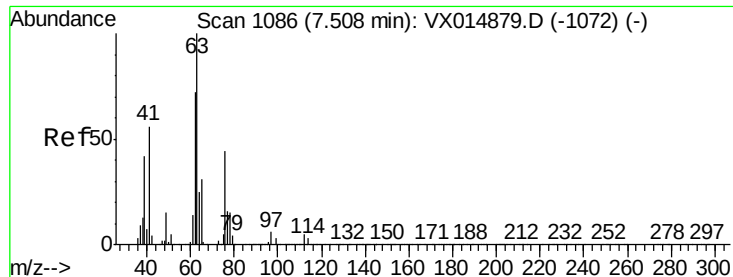
MMDadoda
3/3/2020 9:51:39 AM



#44
Trichloroethene
Concen: 45.813 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion:	130	Resp:	216719
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	182.6





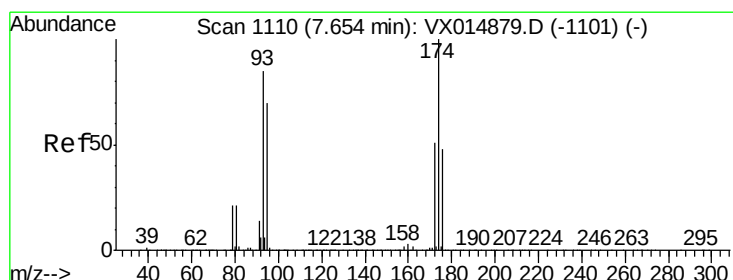
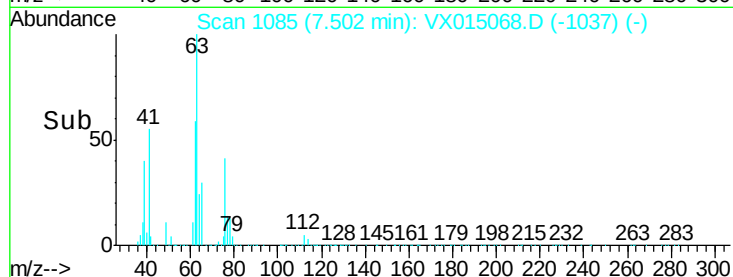
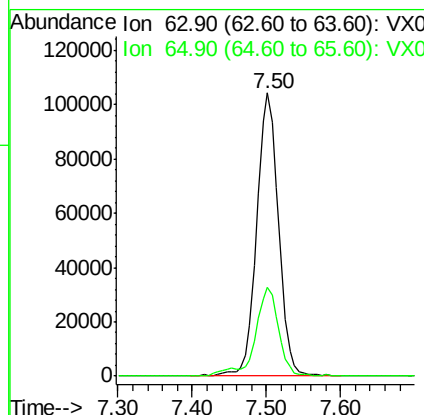
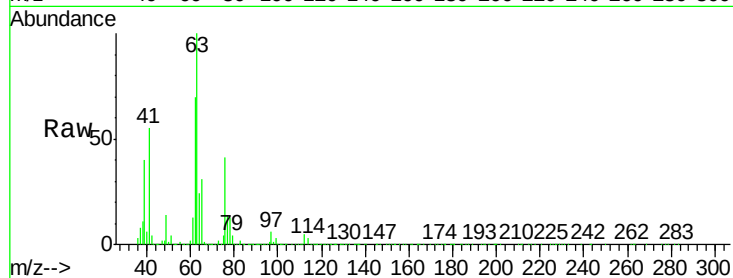
#45
 1,2-Dichloropropane
 Concen: 51.498 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

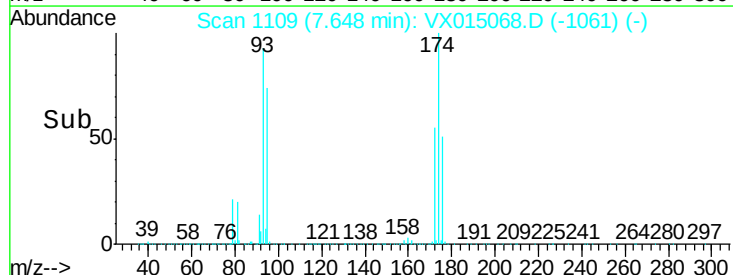
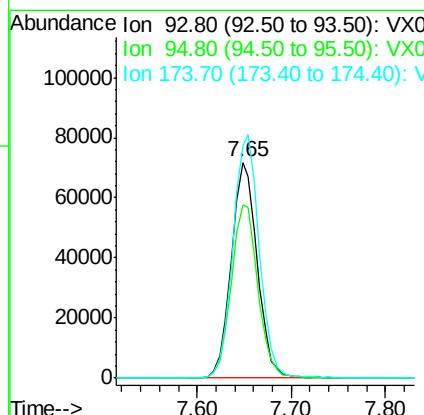
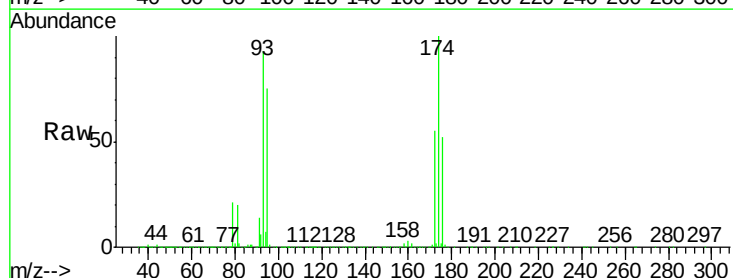
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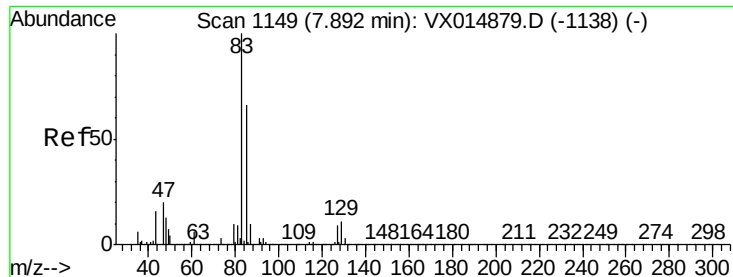
MMDadoda
 3/3/2020 9:51:39 AM



#46
 Dibromomethane
 Concen: 47.868 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	115.2	95.4	143.2





#47

Bromodichloromethane

Concen: 48.697 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

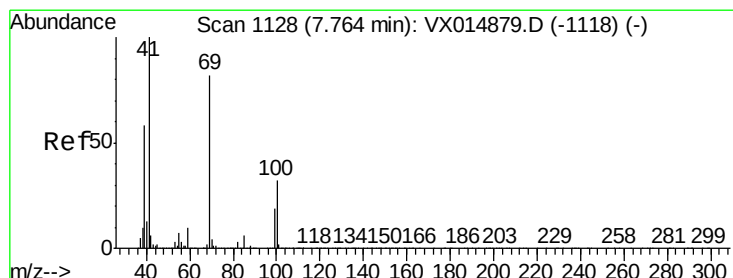
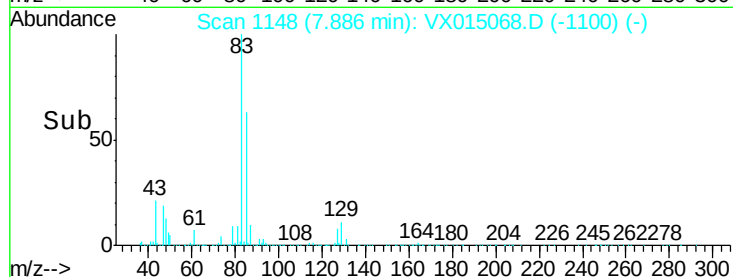
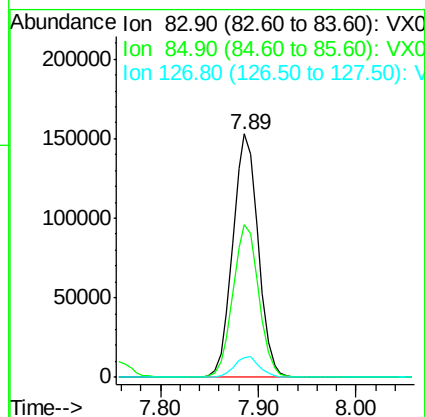
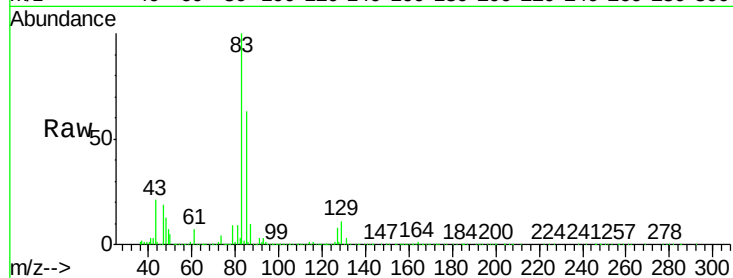
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	274291
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.5	78.7
127	8.1	7.4	11.0

Manual Integrations
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MMDadoda
3/3/2020 9:51:39 AM



#48

Methyl methacrylate

Concen: 52.995 ug/l

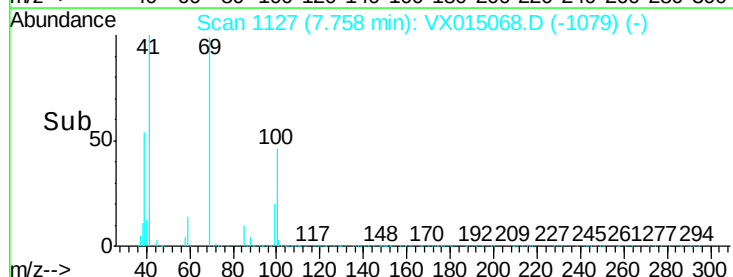
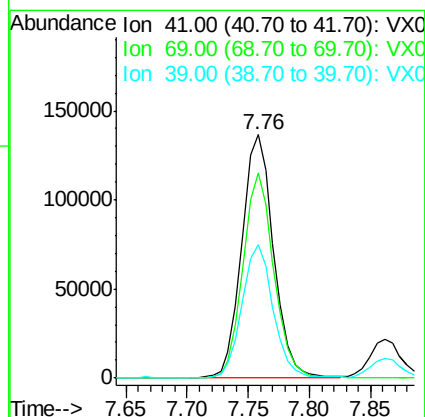
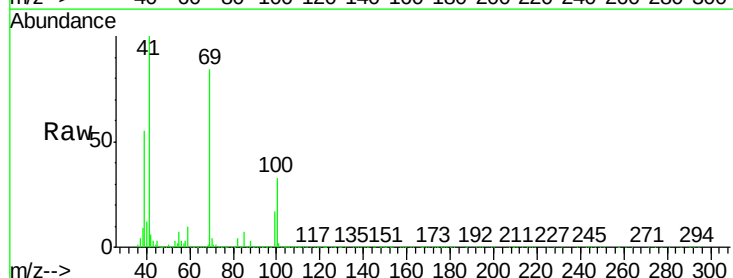
RT: 7.76 min Scan# 1127

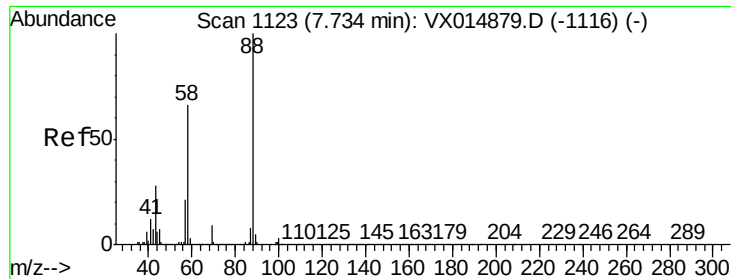
Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion:	41	Resp:	244733
Ion	Ratio	Lower	Upper
41	100		
69	82.6	65.7	98.5
39	53.9	45.8	68.8





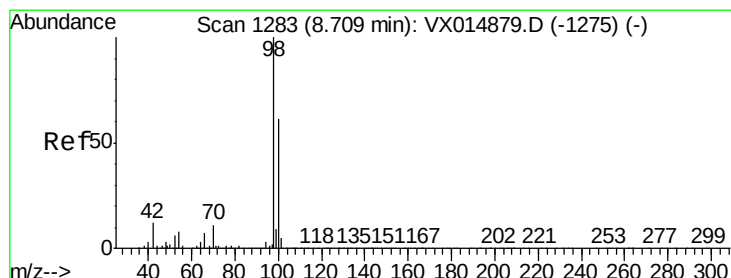
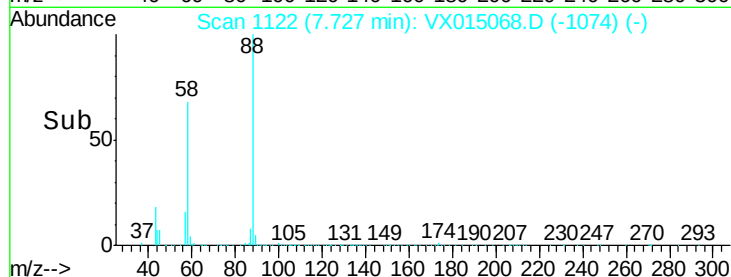
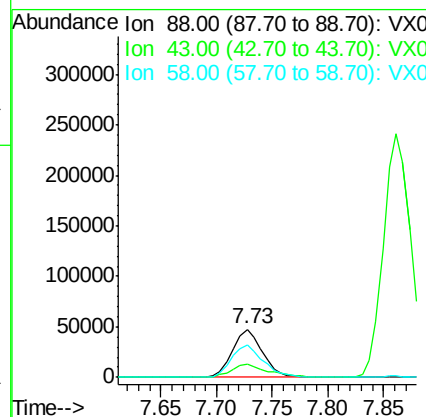
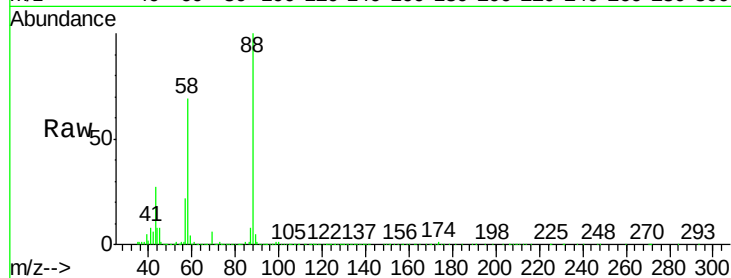
#49
1,4-Dioxane
Concen: 1021.933 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	71.6	53.2	79.8

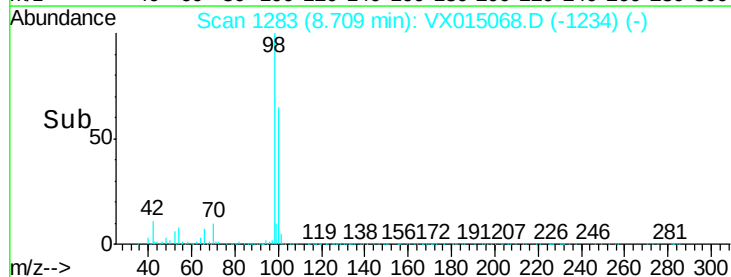
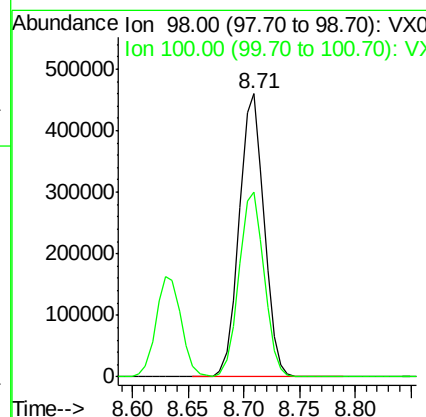
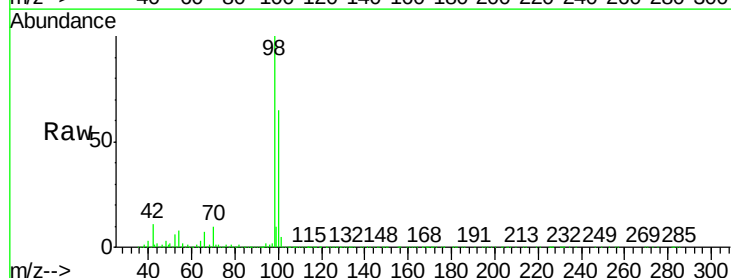
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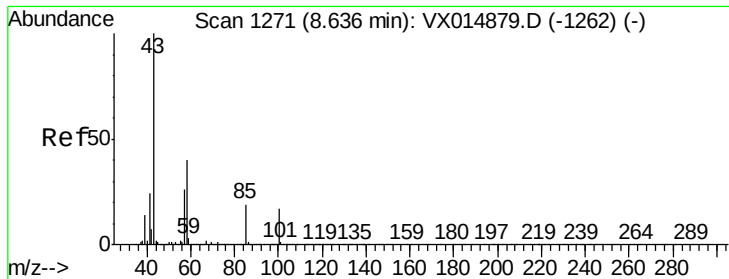
MMDadoda
3/3/2020 9:51:39 AM



#50
Toluene-d8
Concen: 49.670 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 276.392 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1566073

Ion Ratio Lower Upper

43 100

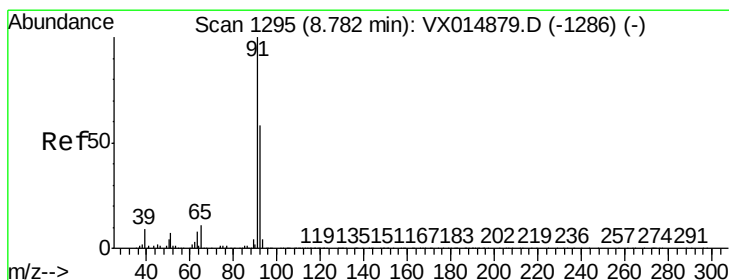
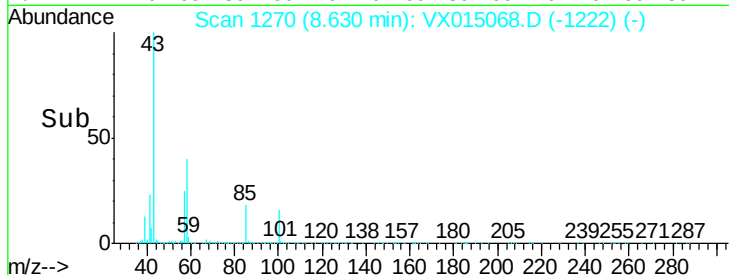
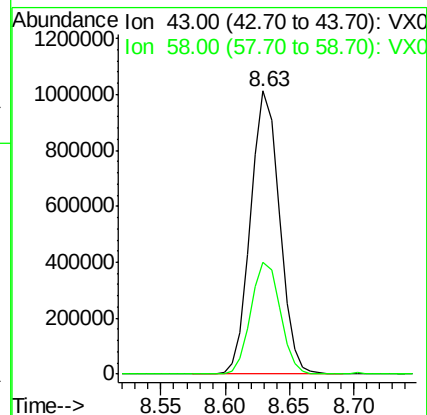
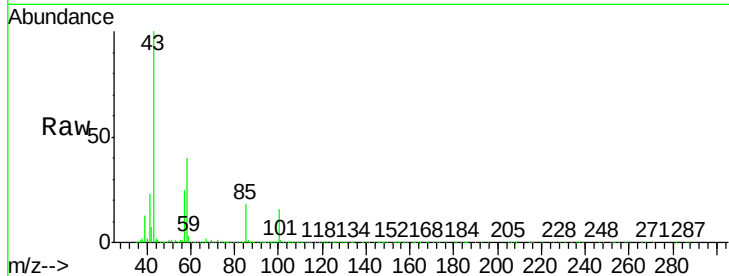
58 40.2 31.9 47.9

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 48.688 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015068.D

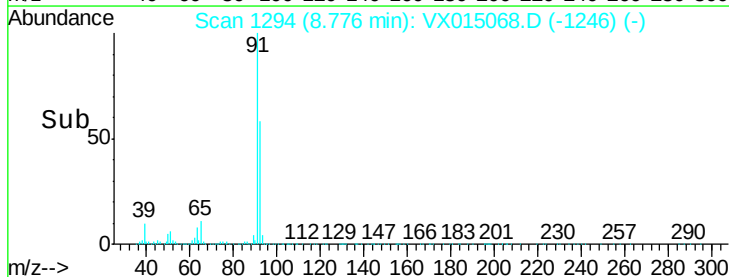
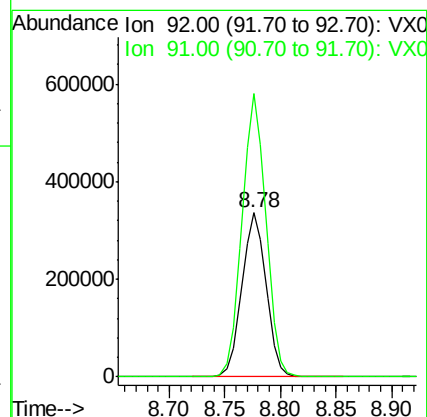
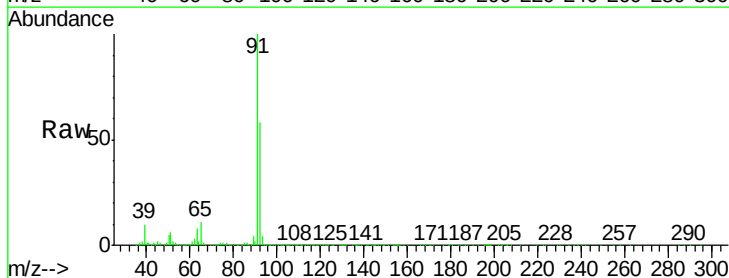
Acq: 02 Mar 2020 15:52

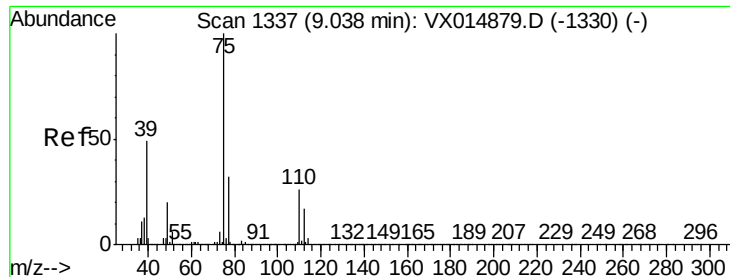
Tgt Ion: 92 Resp: 503914

Ion Ratio Lower Upper

92 100

91 170.7 137.0 205.4





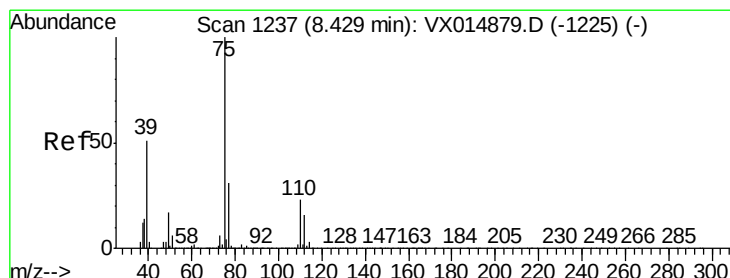
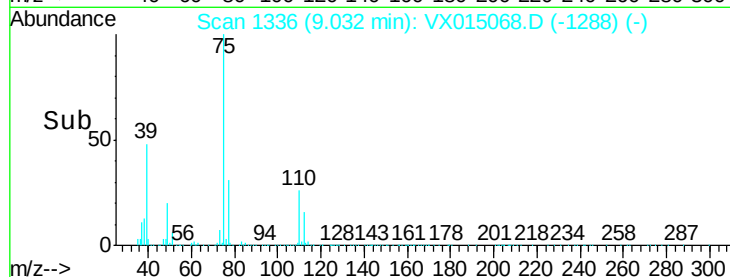
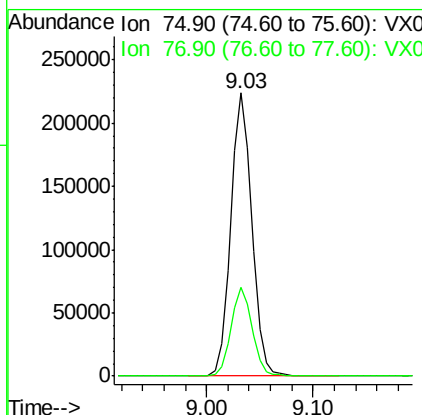
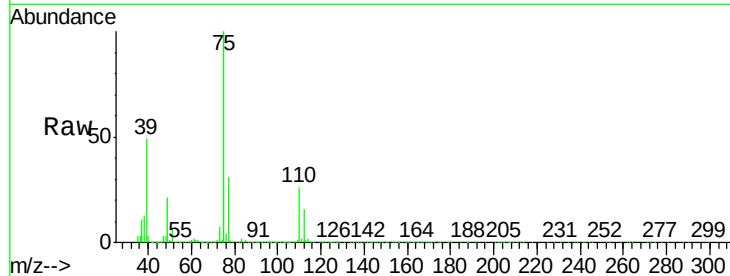
#53
t-1,3-Dichloropropene
Concen: 50.385 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3

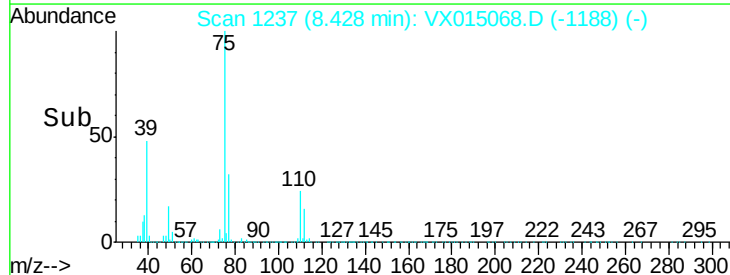
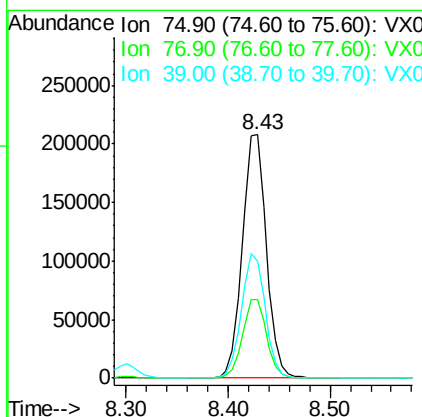
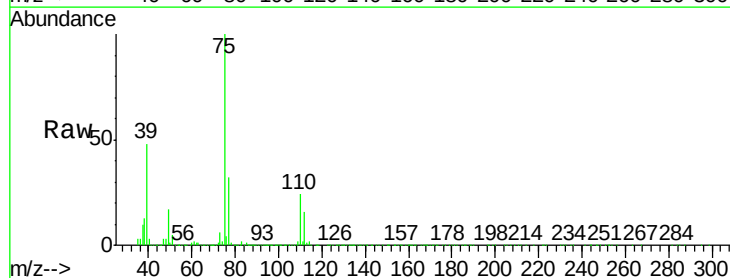
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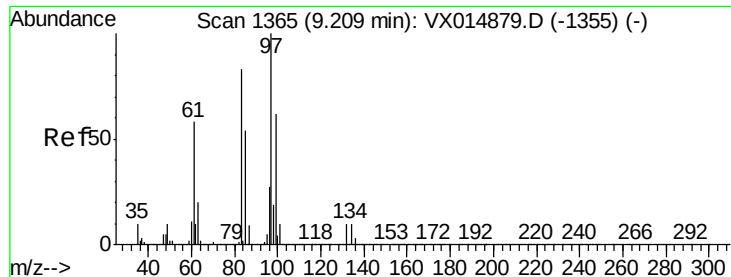
MMDadoda
3/3/2020 9:51:39 AM



#54
cis-1,3-Dichloropropene
Concen: 49.863 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	47.7	40.9	61.3





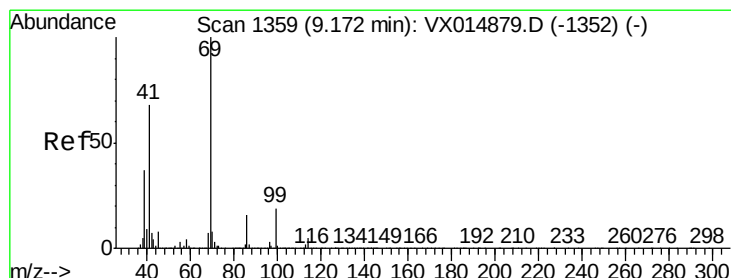
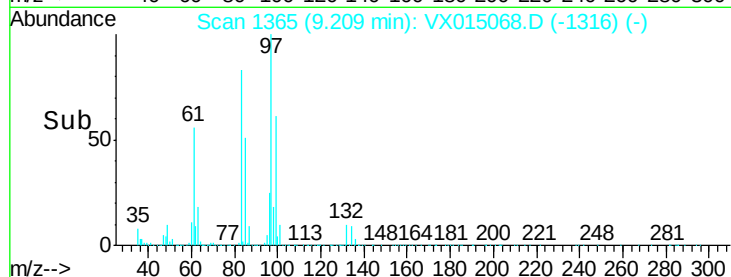
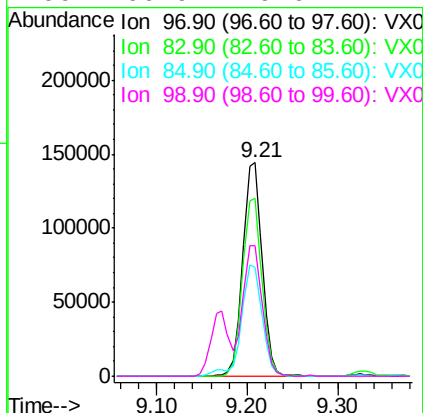
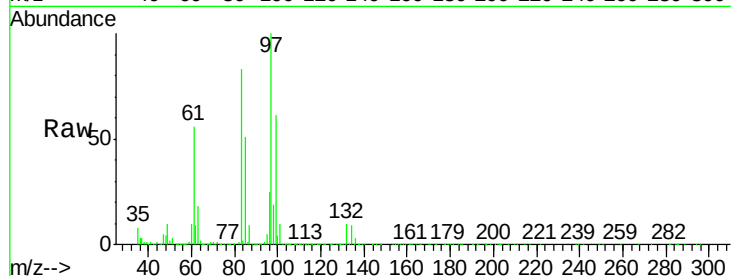
#55
 1,1,2-Trichloroethane
 Concen: 51.100 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		213976		
83	83.1	66.6	99.8		
85	51.0	43.5	65.3		
99	60.9	49.6	74.4		

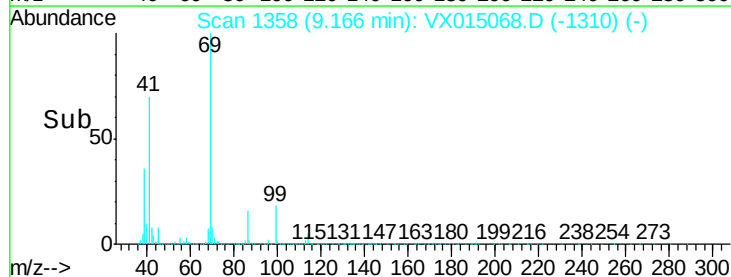
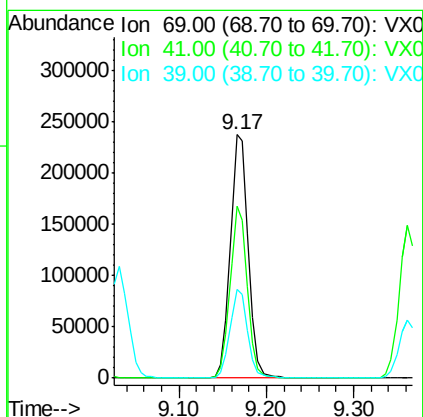
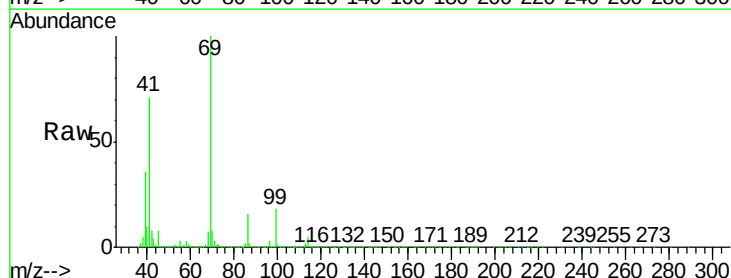
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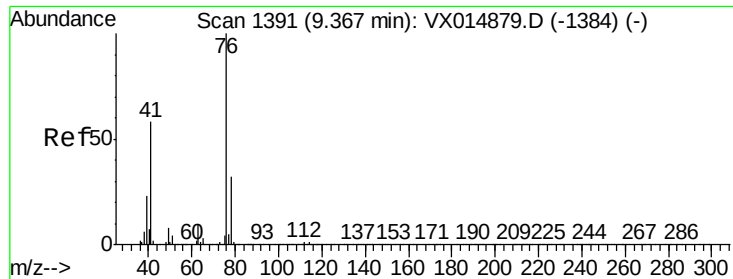
MMDadoda
 3/3/2020 9:51:39 AM



#56
 Ethyl methacrylate
 Concen: 53.971 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		339694		
41	67.5	54.8	82.2		
39	35.5	29.9	44.9		





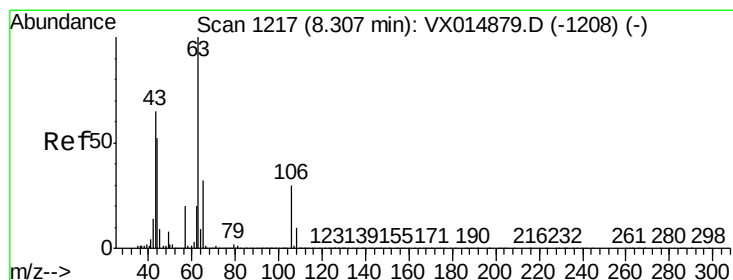
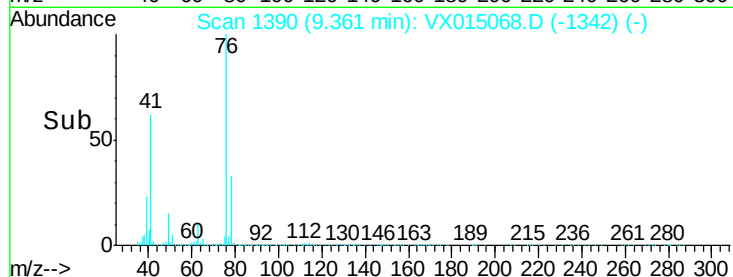
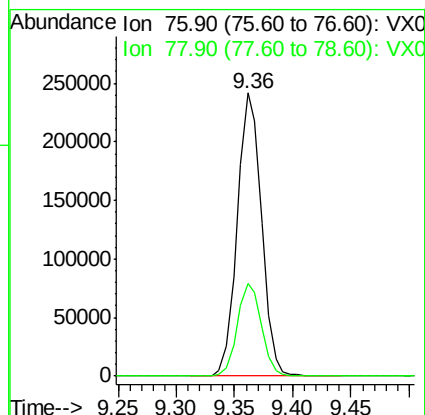
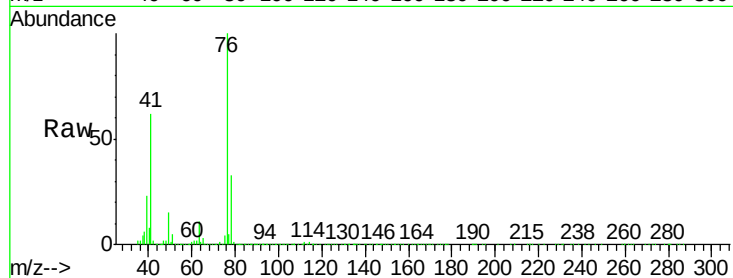
#57
 1,3-Dichloropropane
 Concen: 49.883 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

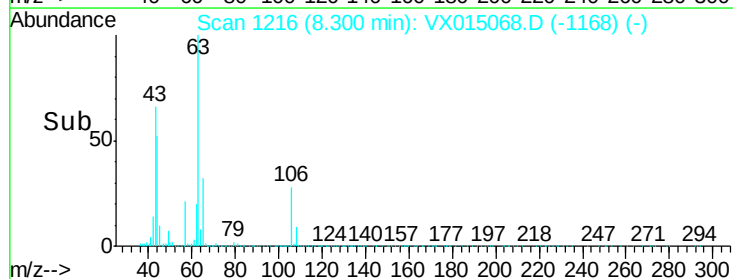
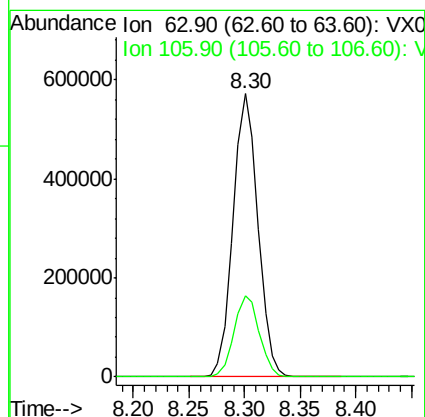
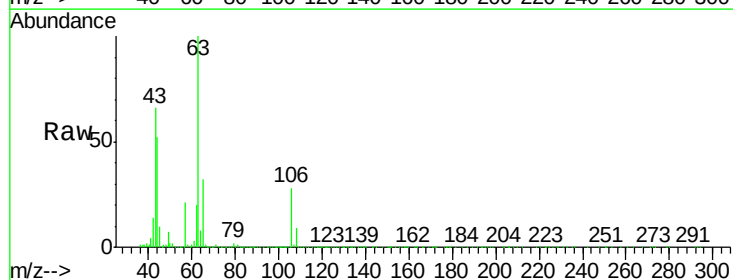
Manual Integrations
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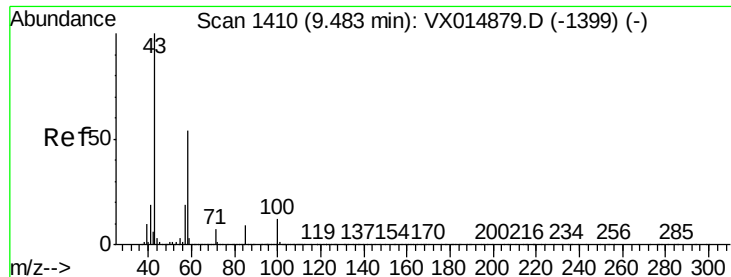
MMDadoda
 3/3/2020 9:51:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.645 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.8	35.8





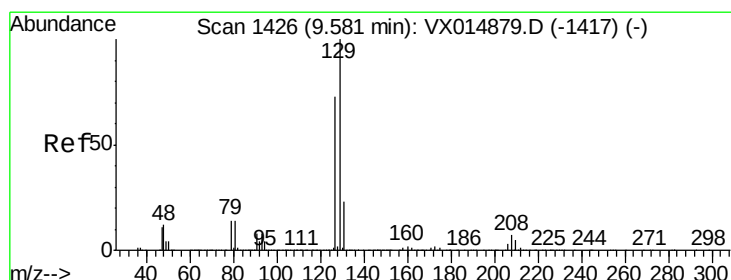
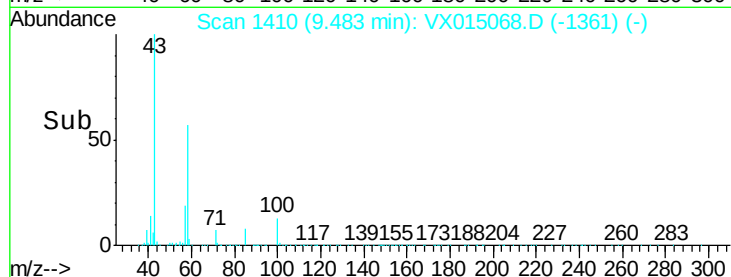
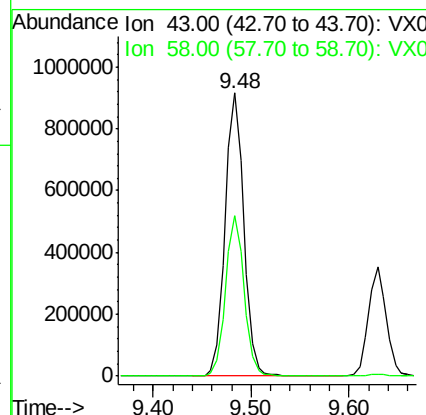
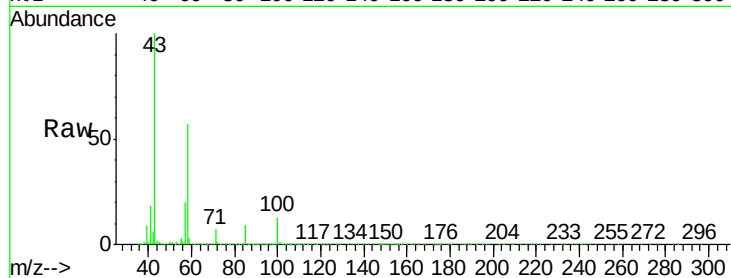
#59
2-Hexanone
Concen: 273.037 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1216010
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5

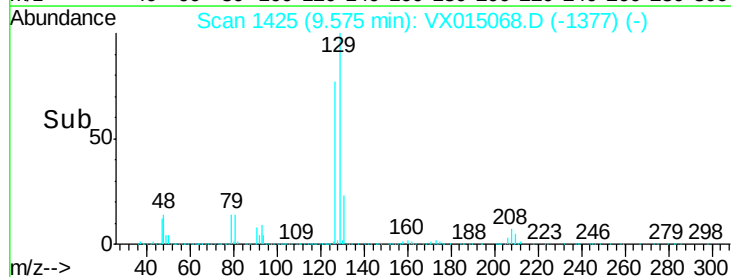
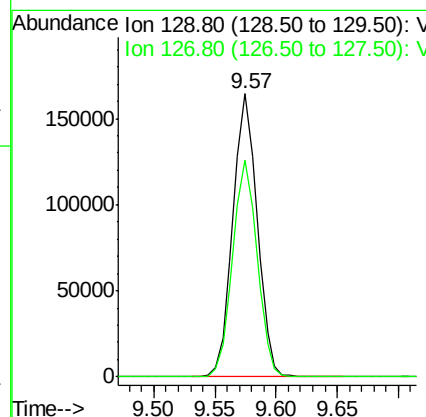
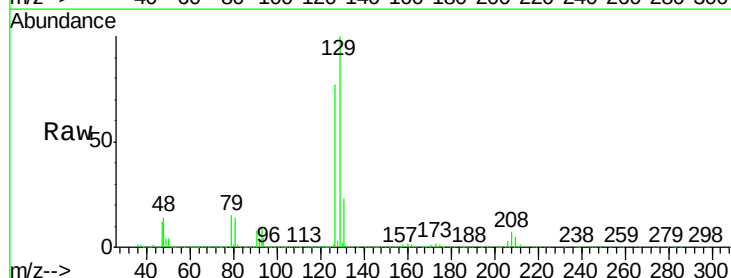
Manual Integrations
APPROVED

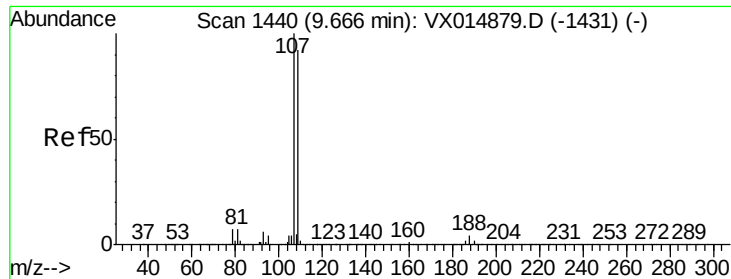
MMDadoda
3/3/2020 9:51:39 AM



#60
Dibromochloromethane
Concen: 50.288 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 129 Resp: 226614
Ion Ratio Lower Upper
129 100
127 76.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.573 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 219456

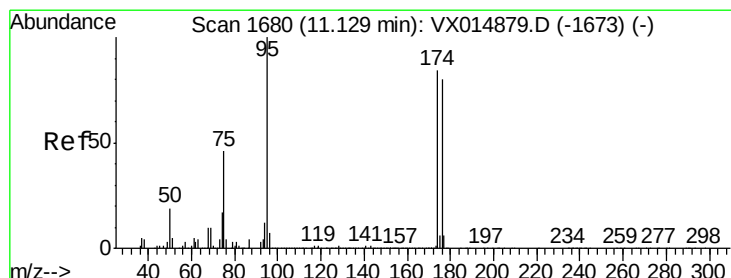
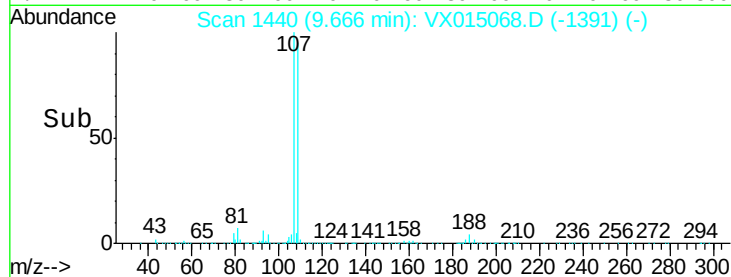
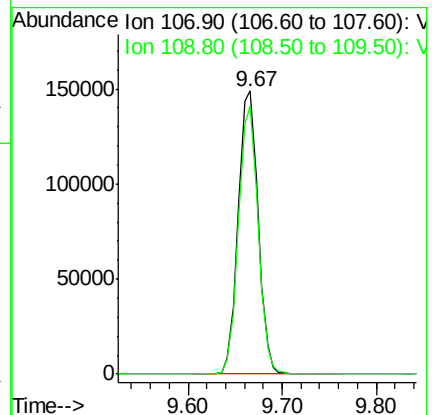
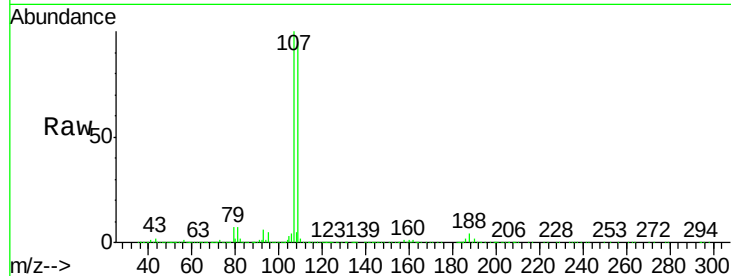
Ion Ratio Lower Upper

107 100

109 93.2 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:39 AM



#62

4-Bromofluorobenzene

Concen: 51.077 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

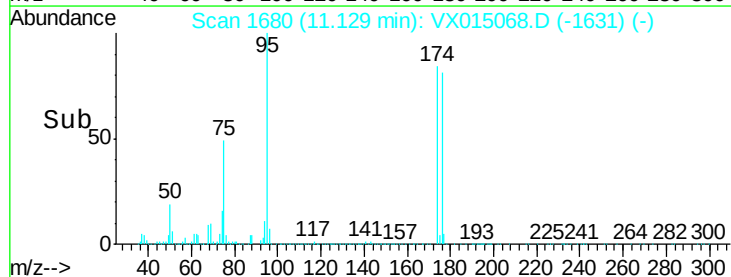
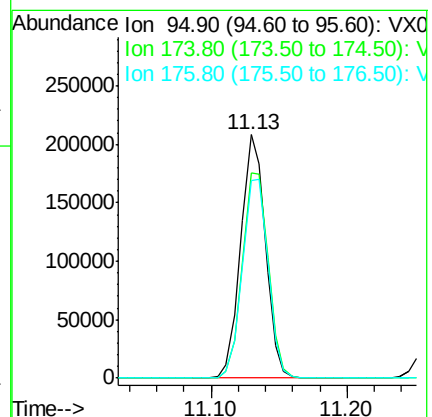
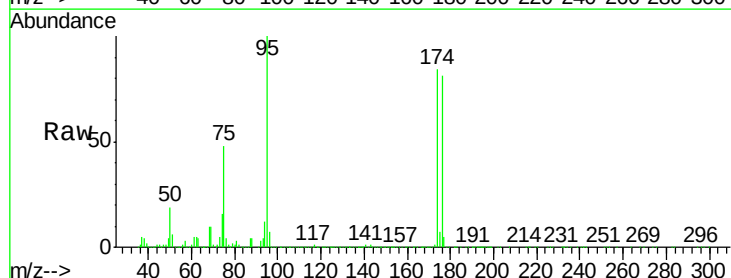
Tgt Ion: 95 Resp: 263253

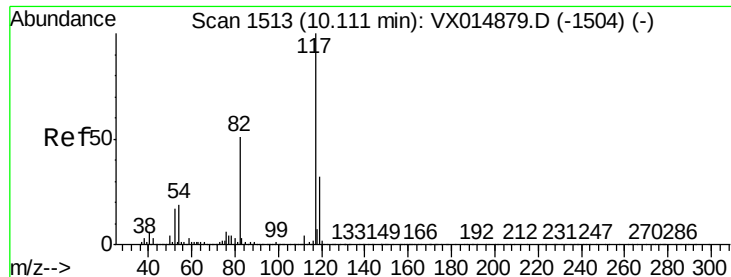
Ion Ratio Lower Upper

95 100

174 88.8 0.0 183.0

176 85.9 0.0 178.0





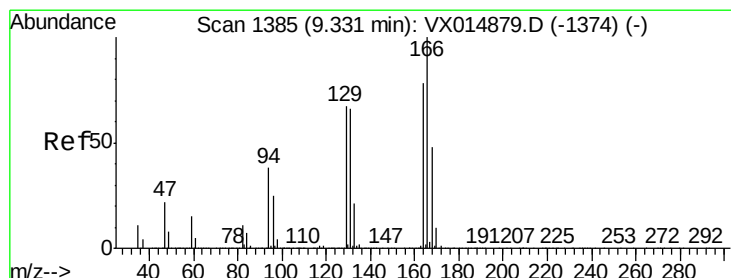
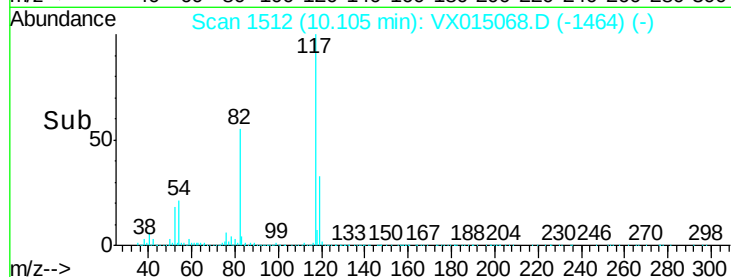
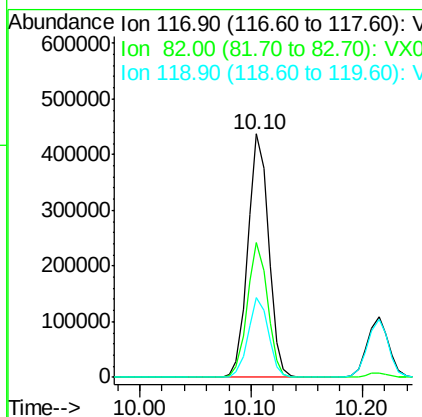
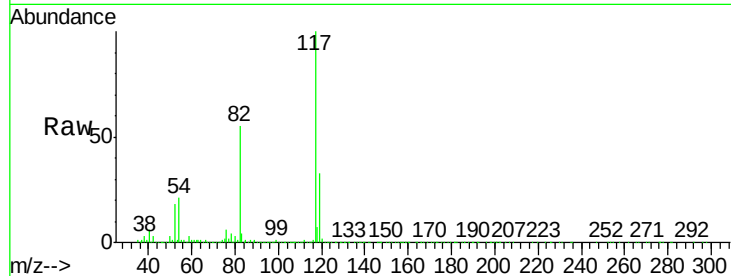
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.1	40.5	60.7
119	32.5	25.8	38.6

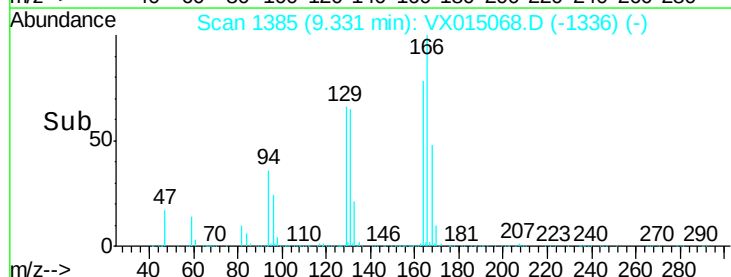
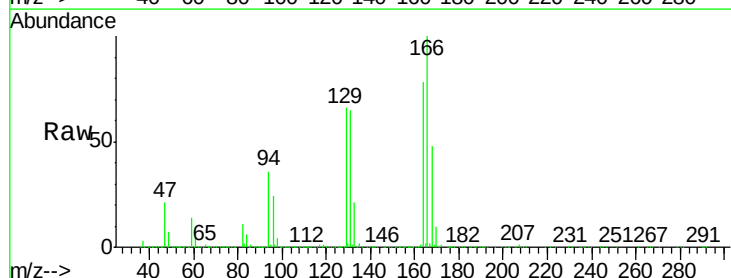
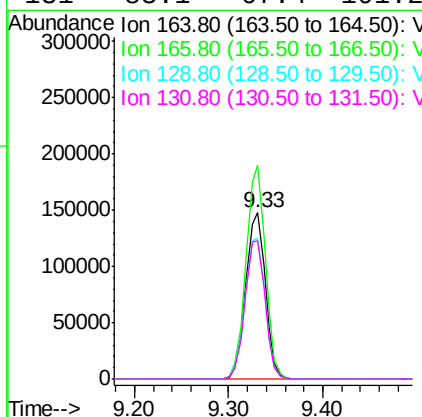
Manual Integrations
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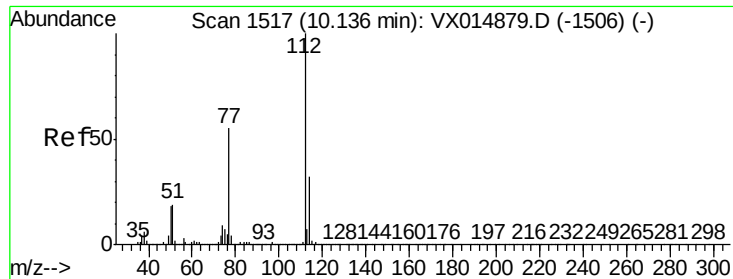
MMDadoda
3/3/2020 9:51:39 AM



#64
Tetrachloroethene
Concen: 40.780 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.8	102.6	153.8
129	84.6	68.3	102.5
131	83.1	67.4	101.2





#65

Chlorobenzene

Concen: 47.802 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 548204

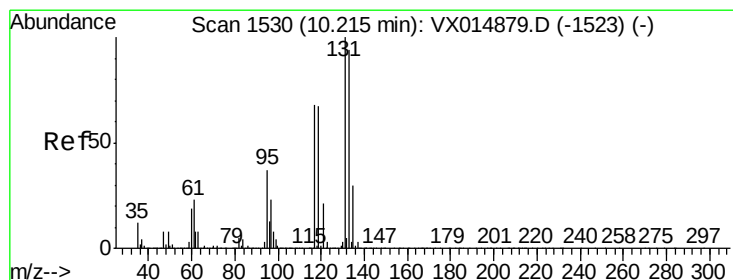
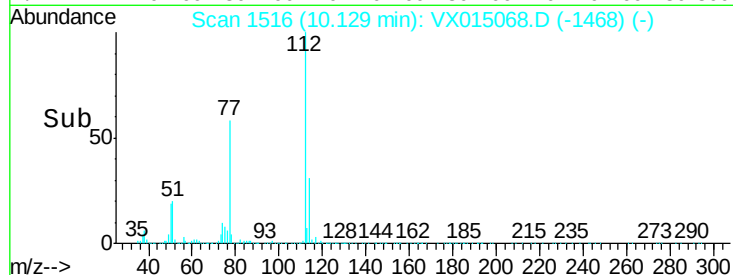
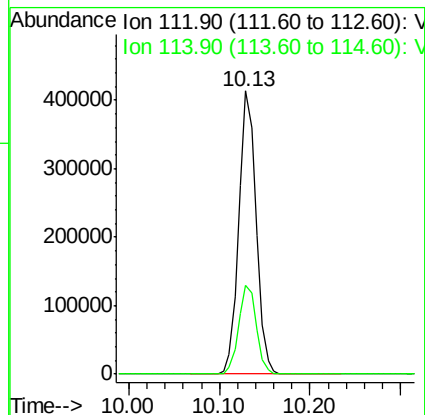
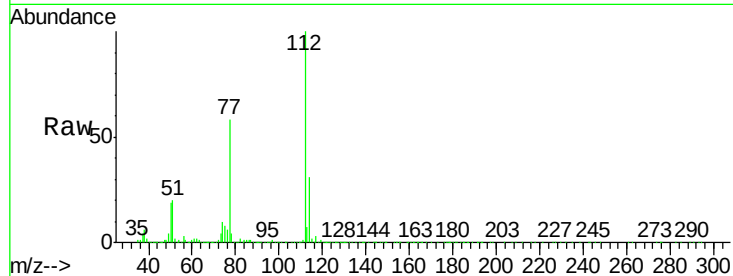
Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4

Manual Integrations
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3/3/2020 9:51:39 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.522 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

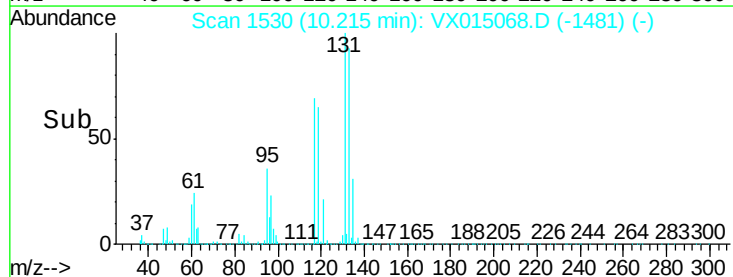
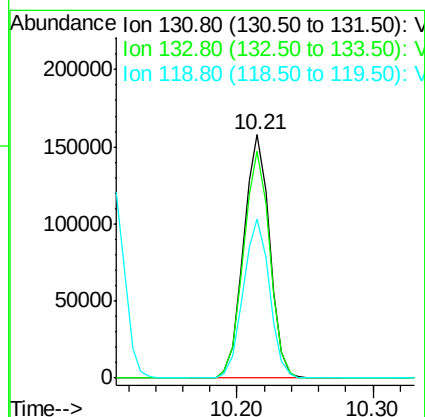
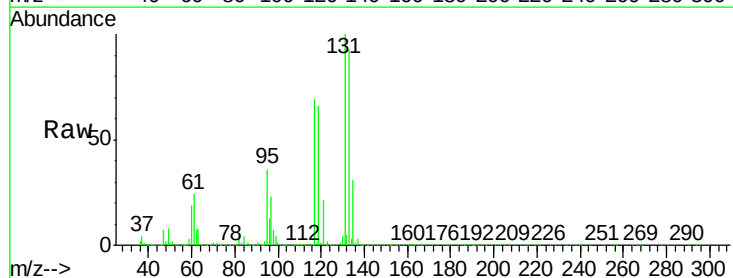
Tgt Ion:131 Resp: 210347

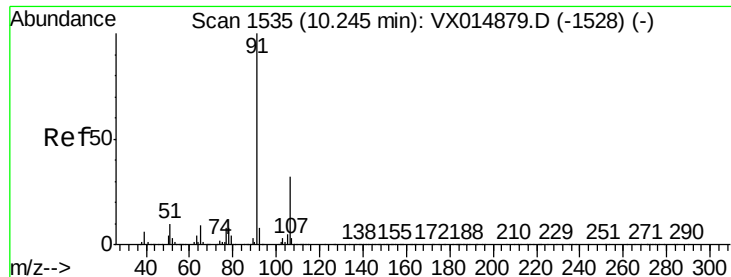
Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

119 66.0 33.0 99.0





#67

Ethyl Benzene

Concen: 49.621 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 967801

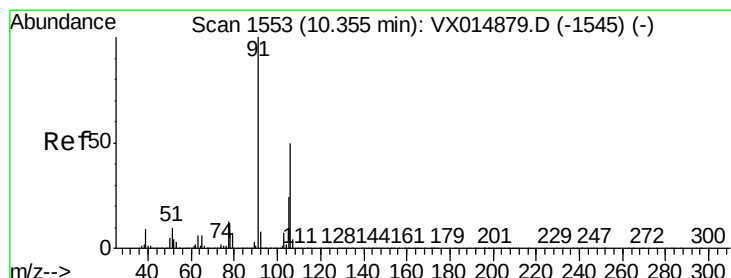
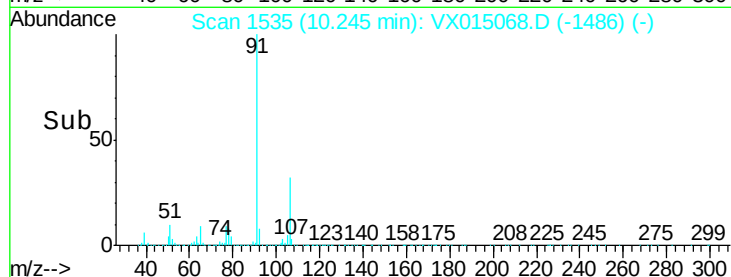
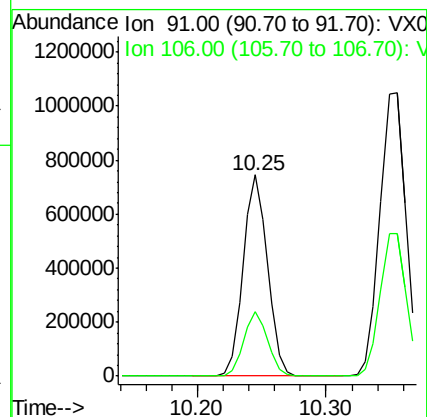
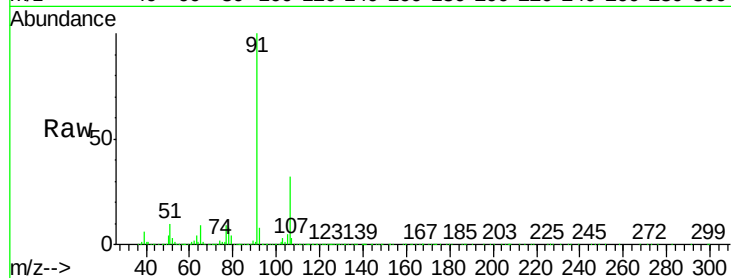
Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 98.999 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015068.D

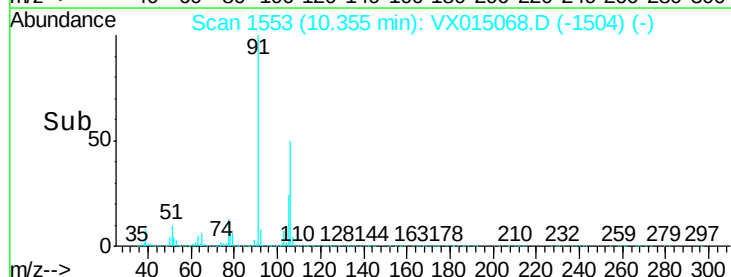
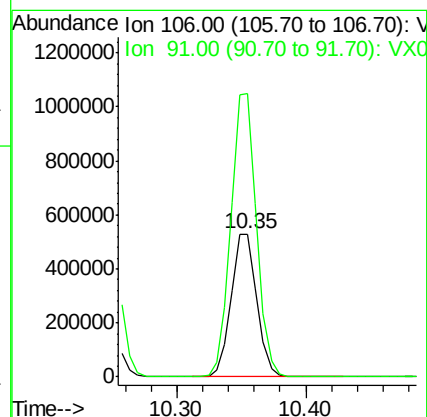
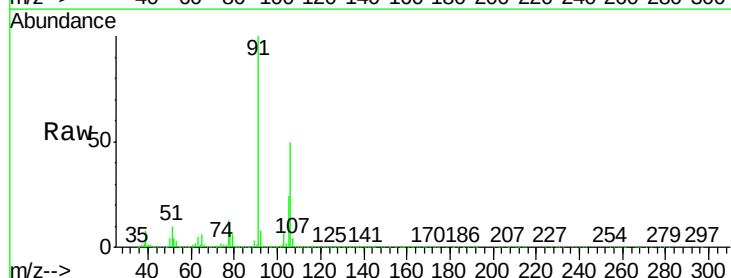
Acq: 02 Mar 2020 15:52

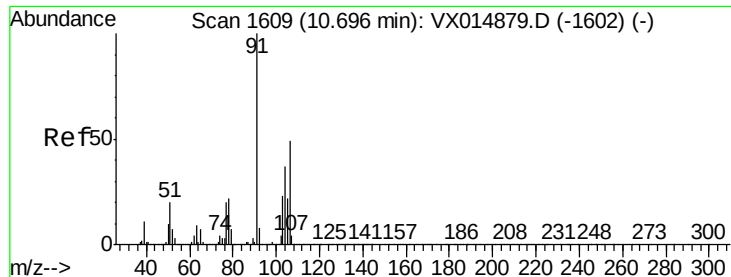
Tgt Ion: 106 Resp: 743829

Ion Ratio Lower Upper

106 100

91 197.7 160.6 240.8





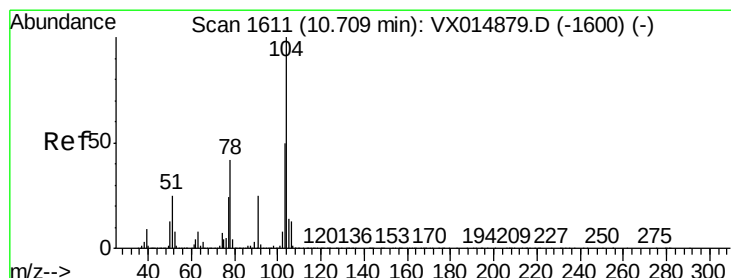
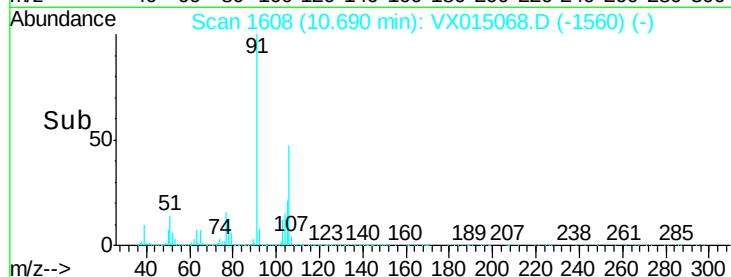
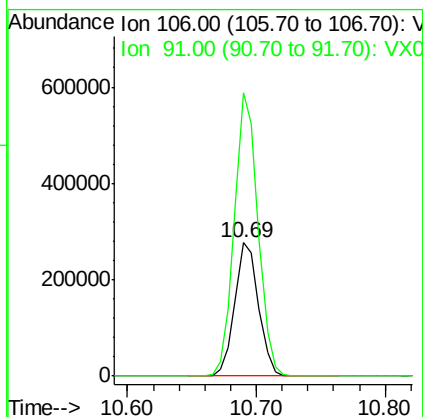
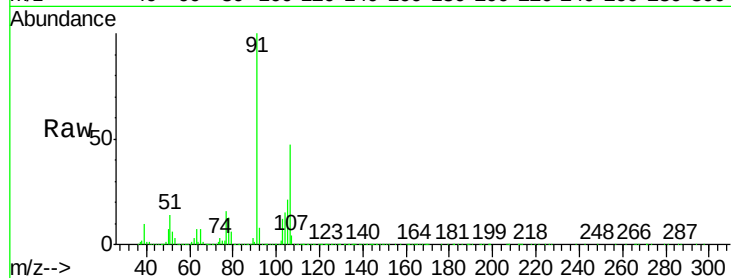
#69
o-Xylene
Concen: 49.449 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	357142		
91	210.6	105.1	315.3	

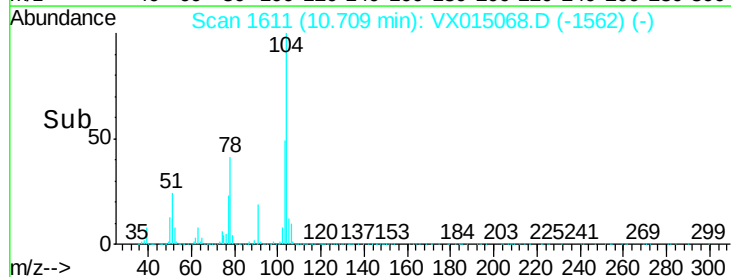
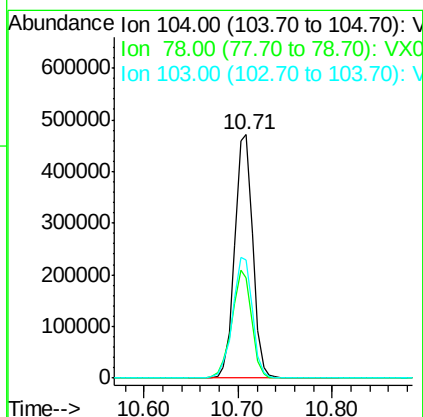
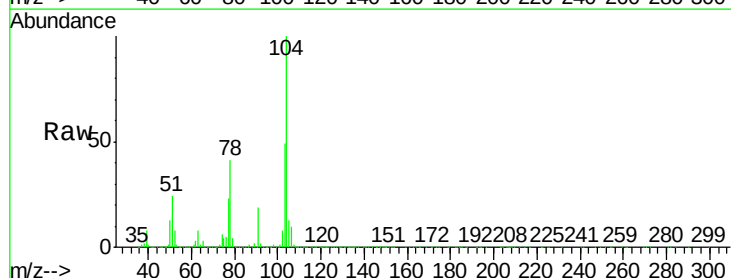
Manual Integrations
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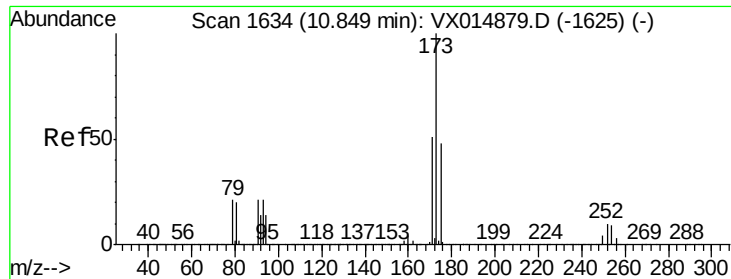
MMDadoda
3/3/2020 9:51:39 AM



#70
Styrene
Concen: 51.024 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	623439		
78	48.1	39.0	58.4	
103	54.3	43.4	65.0	





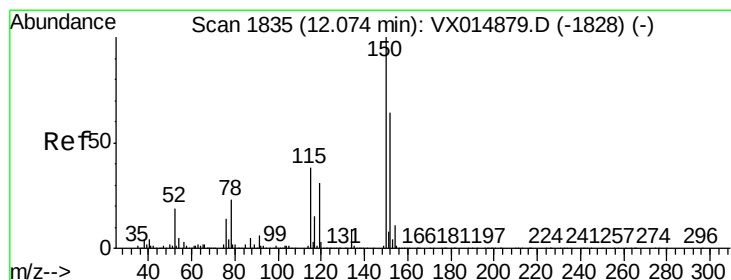
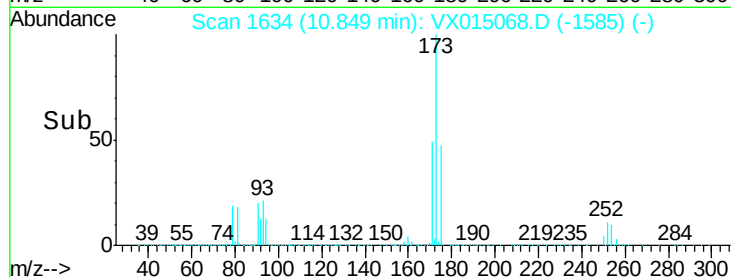
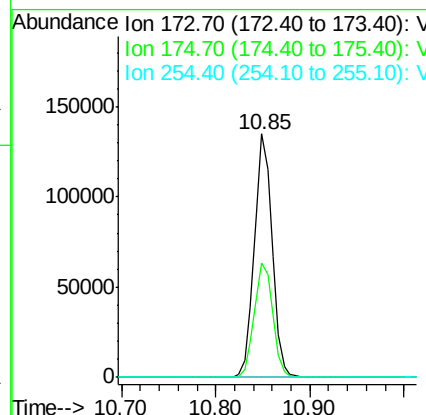
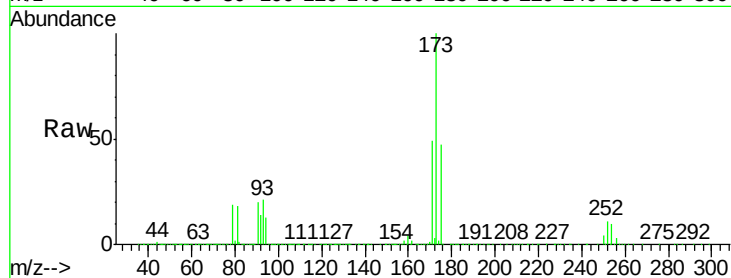
#71
Bromoform
Concen: 51.705 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.2	0.2	0.2

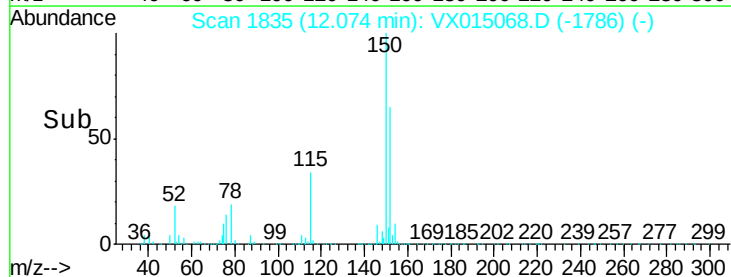
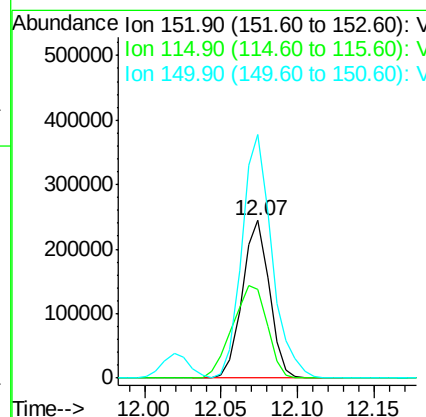
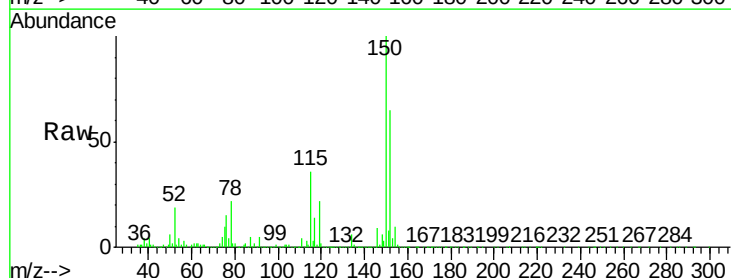
Manual Integrations
APPROVED

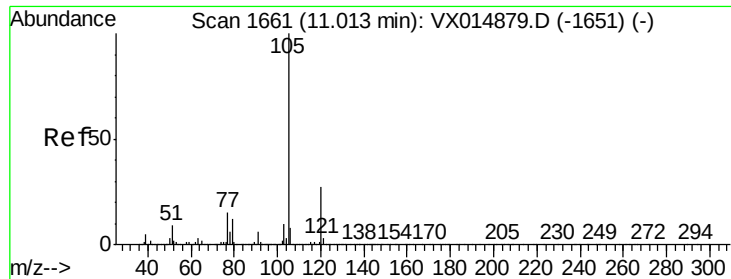
MMDadoda
3/3/2020 9:51:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.6	116.0
150	171.8	0.0	349.0





#73

Isopropylbenzene

Concen: 51.929 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 971726

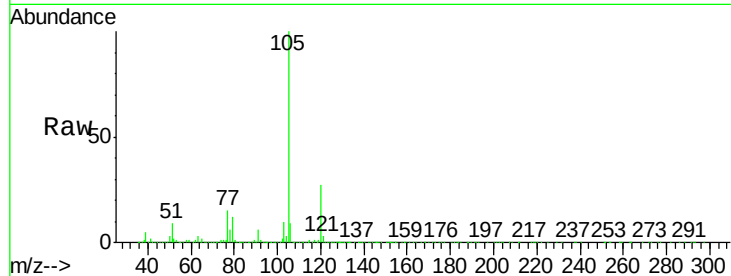
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8

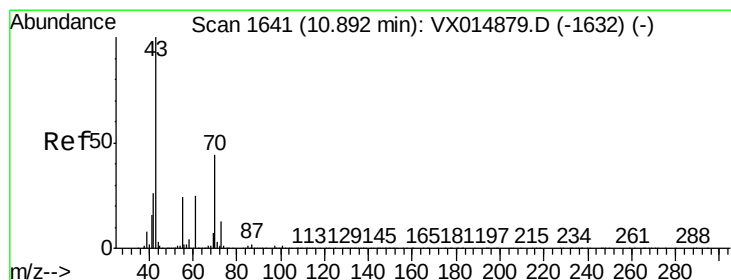
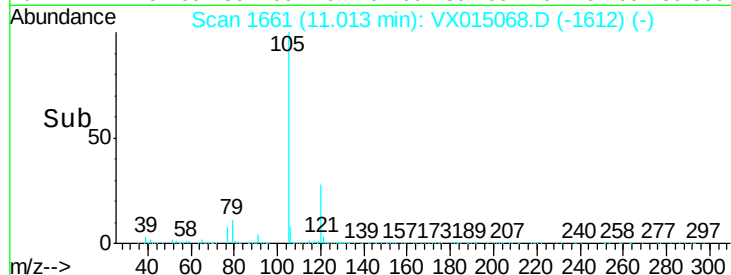
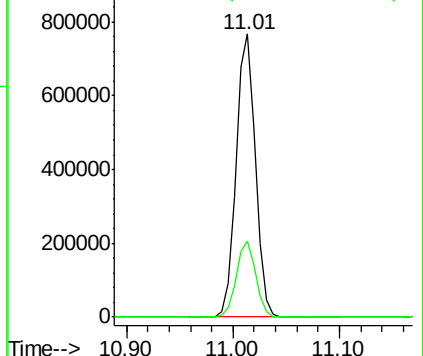
Manual Integrations
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3/3/2020 9:51:39 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.785 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion: 43 Resp: 441517

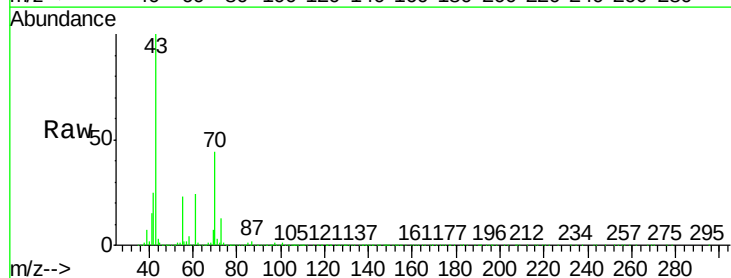
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.5 19.4 29.2

61 24.9 19.8 29.6

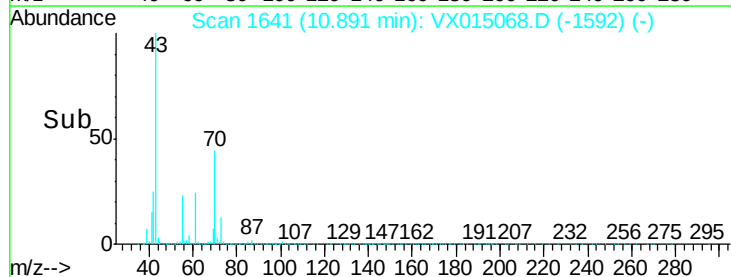
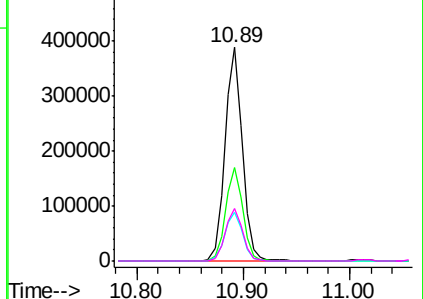


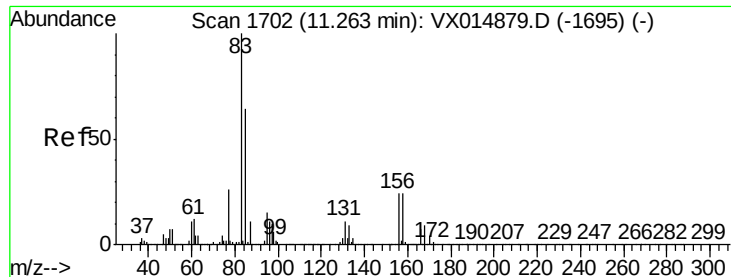
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.505 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

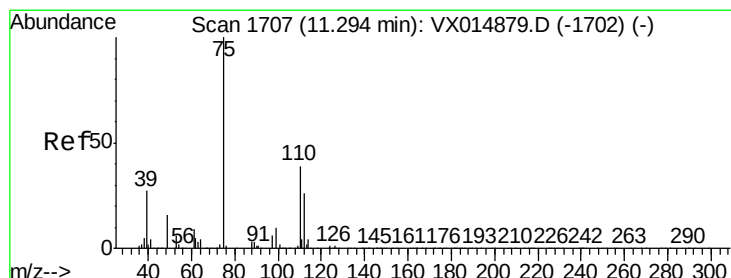
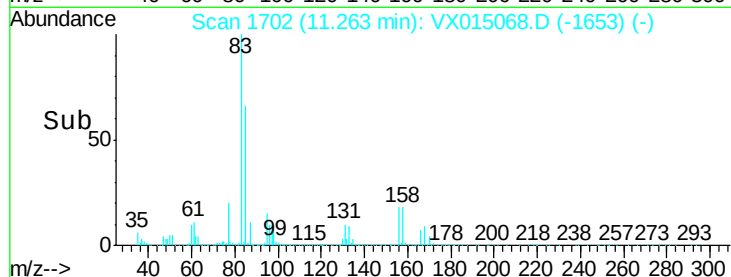
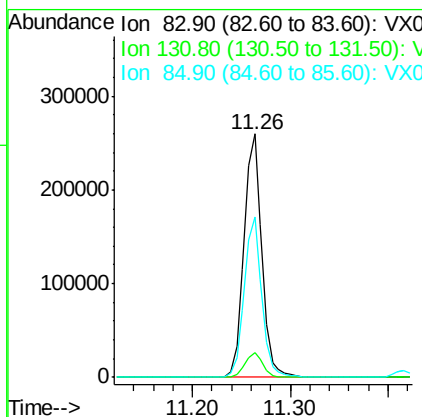
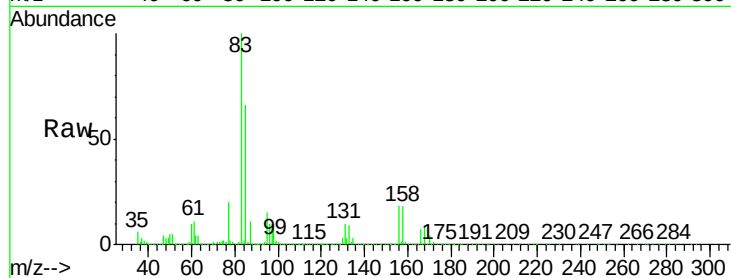
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	327290
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	64.9	32.6	97.7

Manual Integrations
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MMDadoda
3/3/2020 9:51:39 AM



#76

1,2,3-Trichloropropane

Concen: 51.503 ug/l m

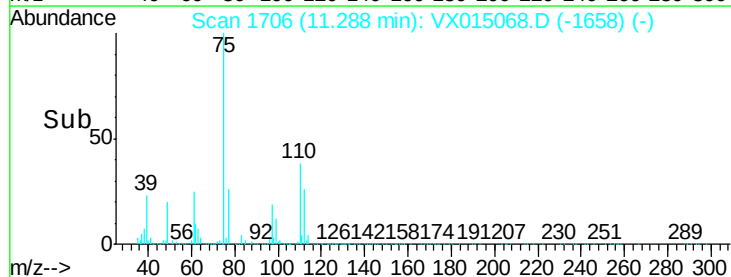
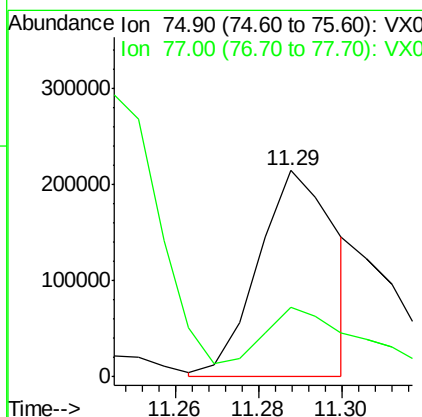
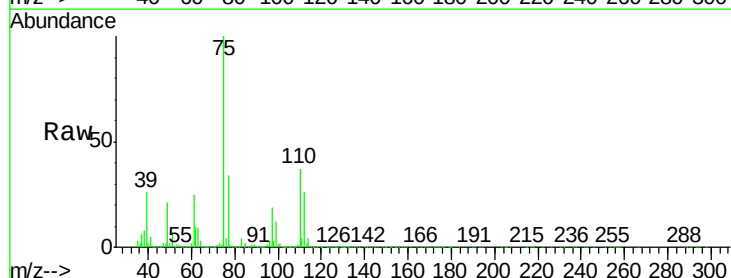
RT: 11.29 min Scan# 1706

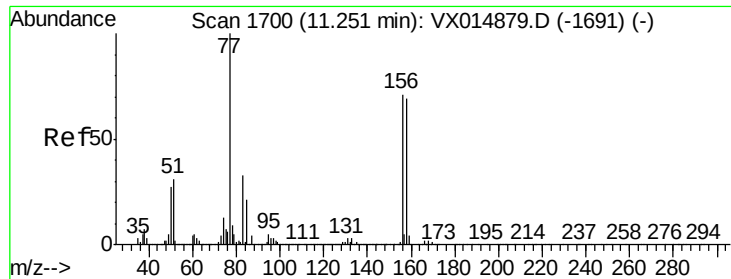
Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion:	75	Resp:	277907
Ion Ratio	Lower	Upper	
75	100		
77	44.3	18.4	55.0





#77

Bromobenzene

Concen: 48.437 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

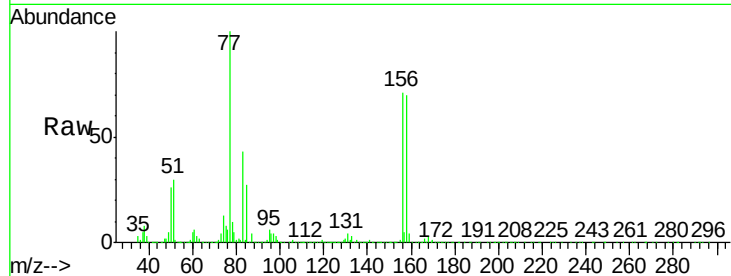
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	252980
Ion Ratio	Lower	Upper	
156	100		
77	150.1	74.0	222.0
158	98.3	48.9	146.6

Manual Integrations
APPROVED

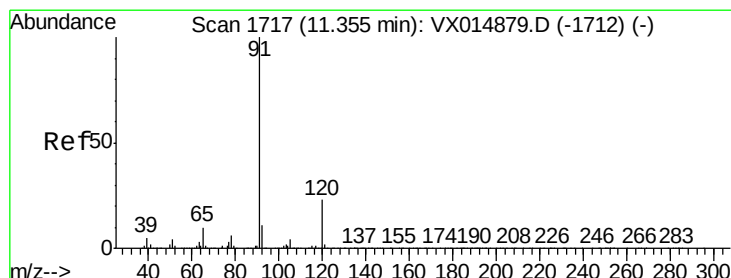
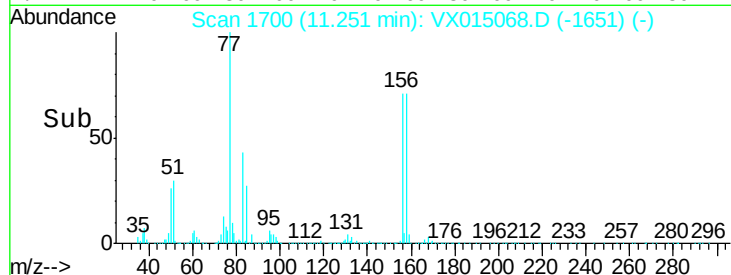
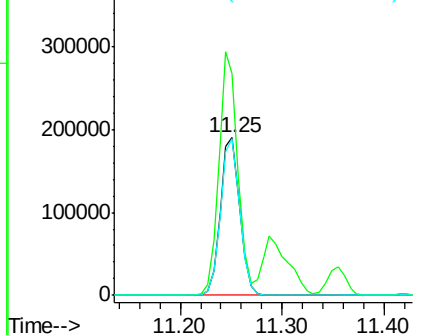
MMDadoda
3/3/2020 9:51:39 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.361 ug/l

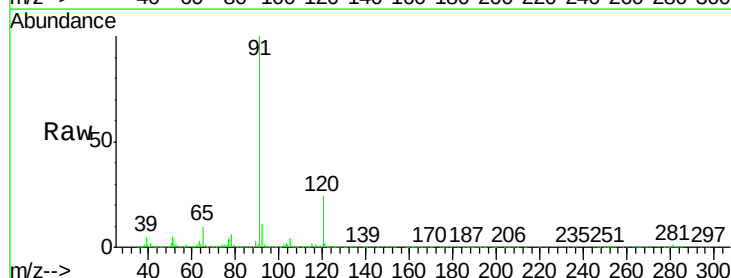
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015068.D

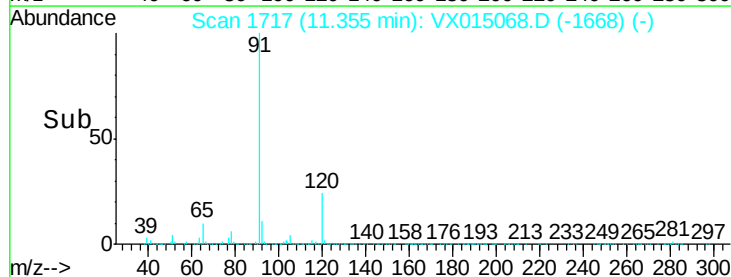
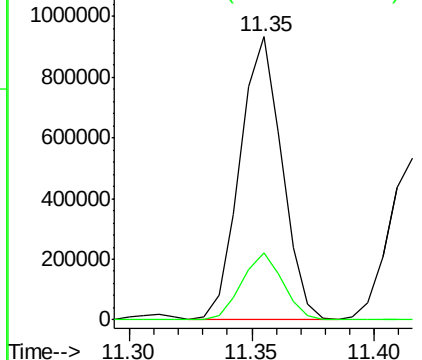
Acq: 02 Mar 2020 15:52

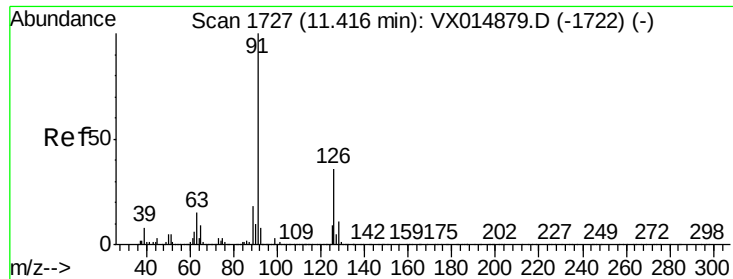
Tgt Ion:	91	Resp:	1111603
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





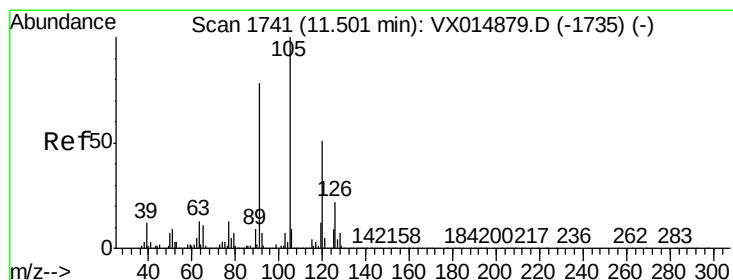
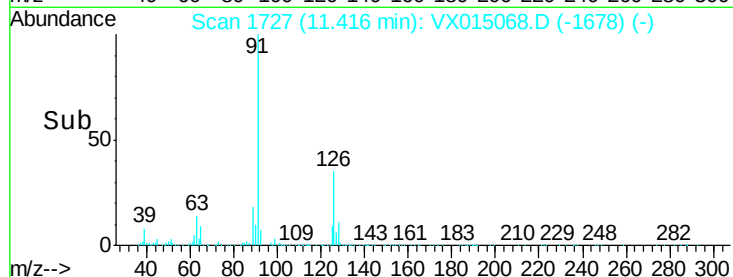
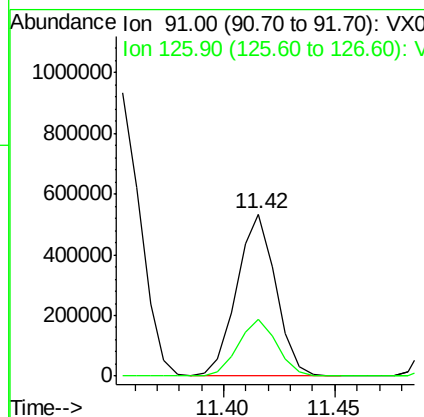
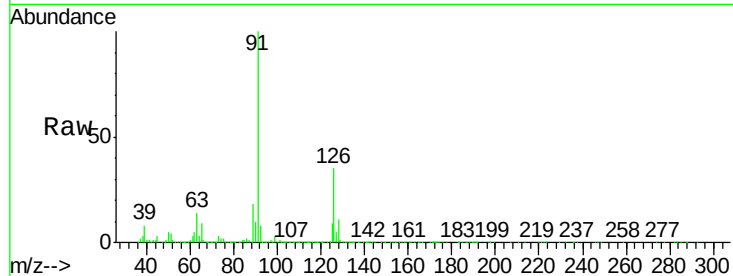
#79
2-Chlorotoluene
Concen: 50.849 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 646993
Ion Ratio Lower Upper
91 100
126 35.0 18.0 54.0

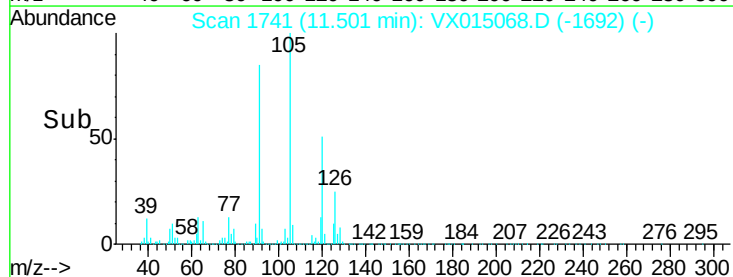
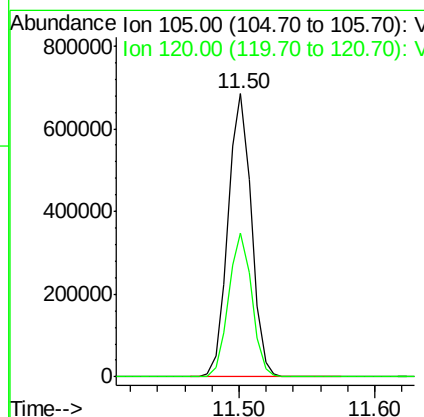
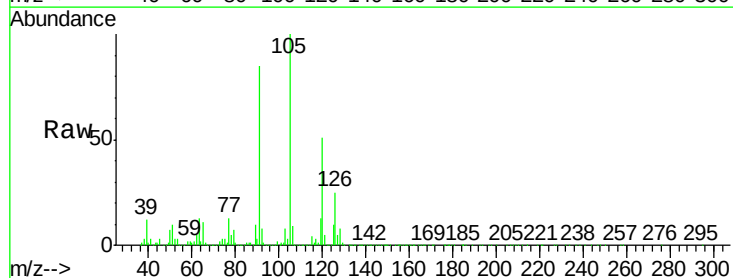
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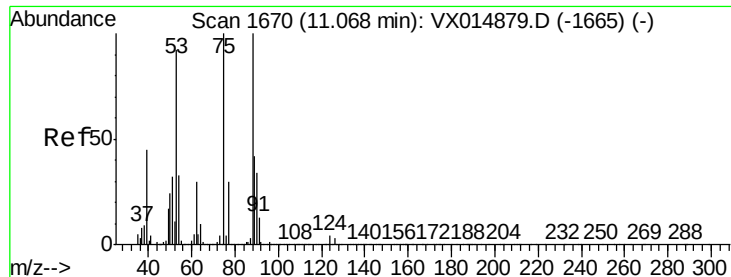
MMDadoda
3/3/2020 9:51:39 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.883 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 105 Resp: 811212
Ion Ratio Lower Upper
105 100
120 50.5 25.6 76.6





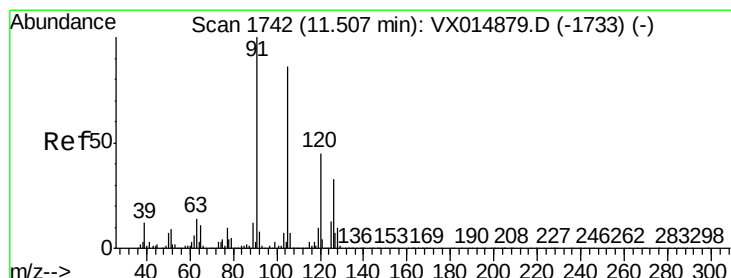
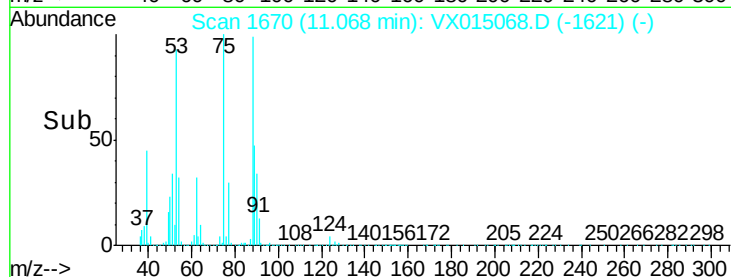
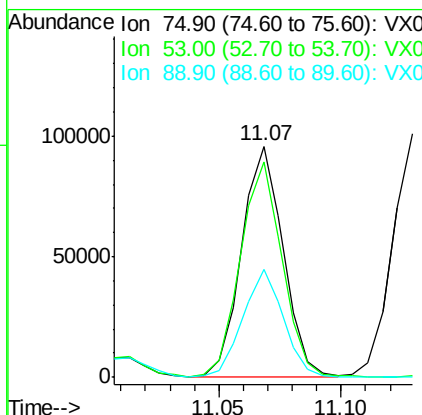
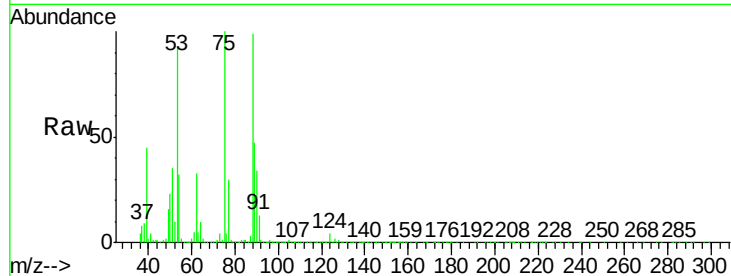
#81
trans-1,4-Dichloro-2-butene
Concen: 53.698 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	76.2	114.2
89	46.0	35.8	53.6

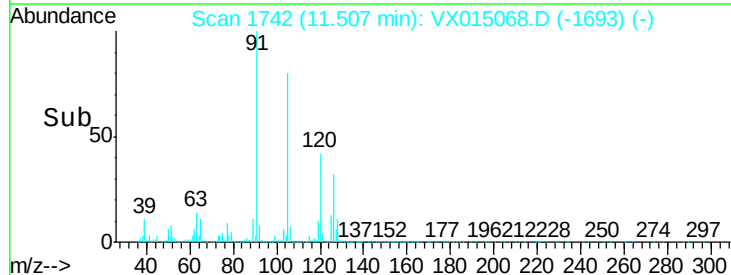
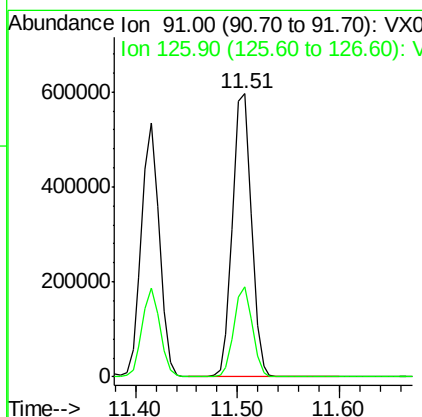
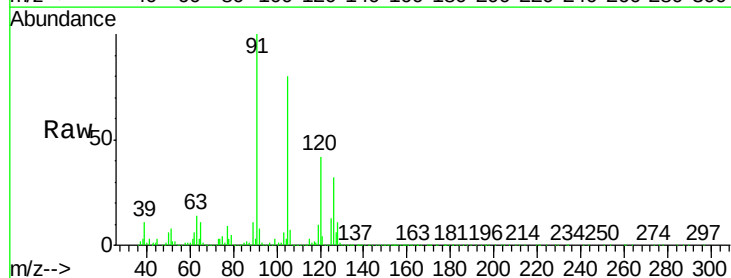
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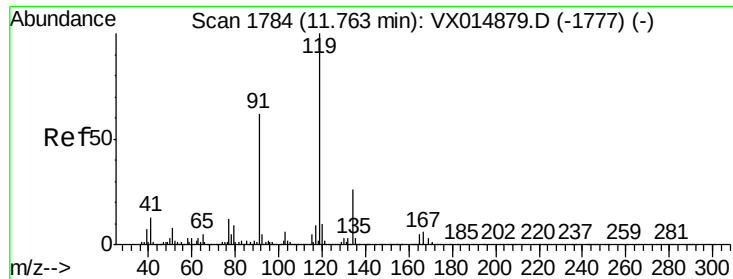
MMDadoda
3/3/2020 9:51:39 AM



#82
4-Chlorotoluene
Concen: 50.490 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.7	47.0





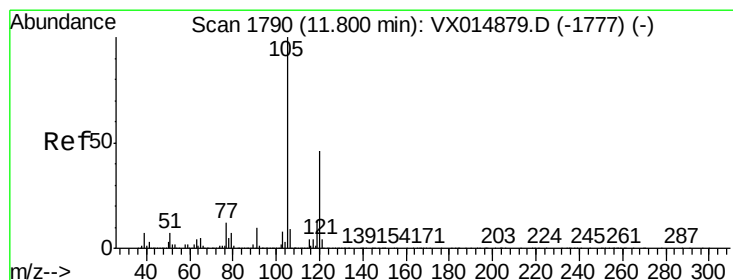
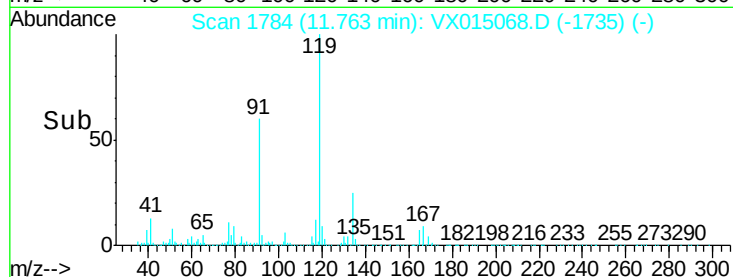
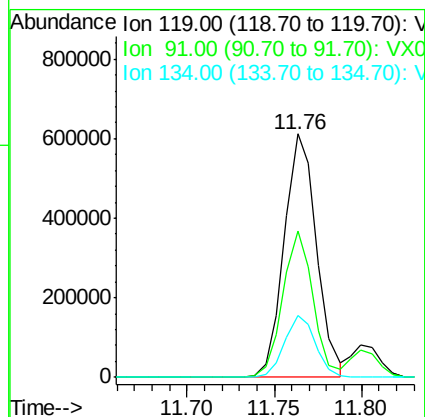
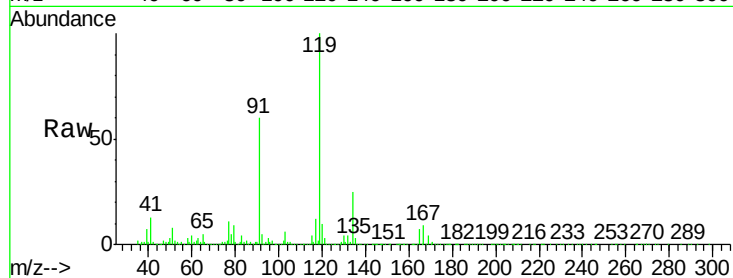
#83
 tert-Butylbenzene
 Concen: 53.535 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.5	88.6
134	24.4	12.6	37.6

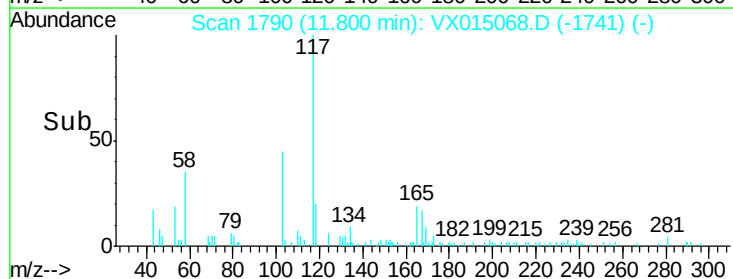
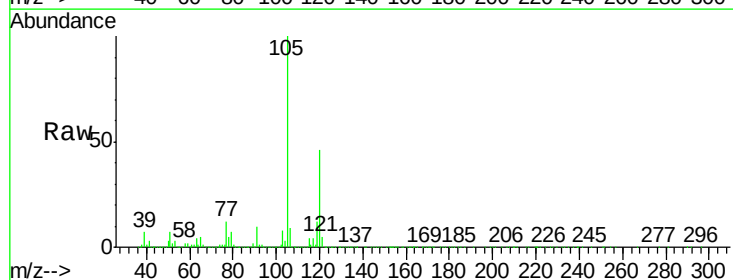
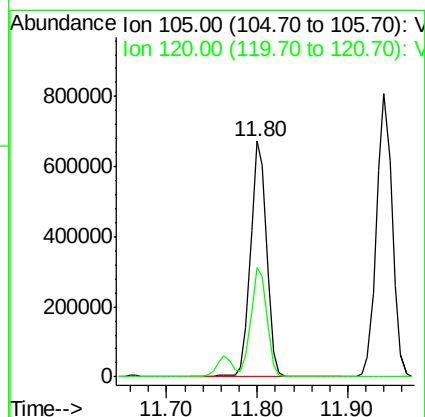
Manual Integrations
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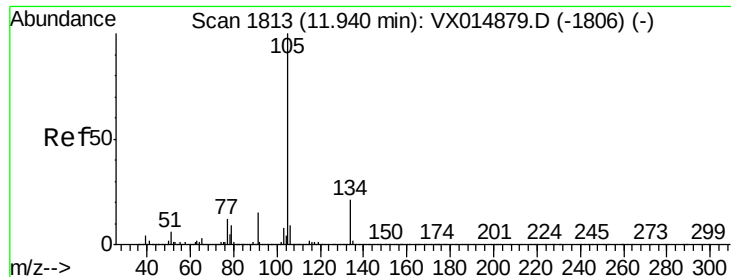
MMDadoda
 3/3/2020 9:51:39 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.043 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 52.746 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 970177

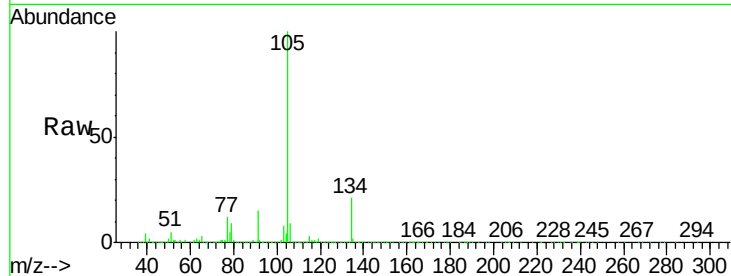
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

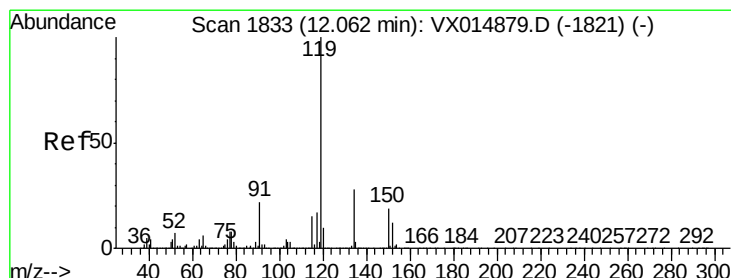
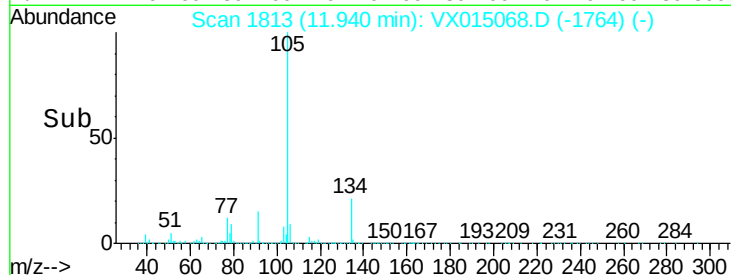
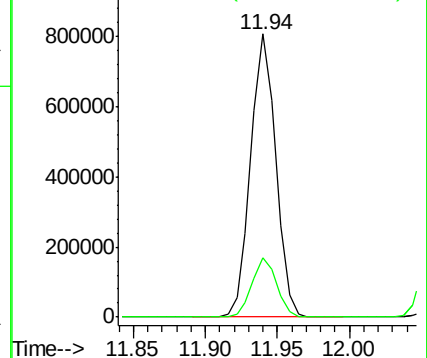
Manual Integrations
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3/3/2020 9:51:39 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.709 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

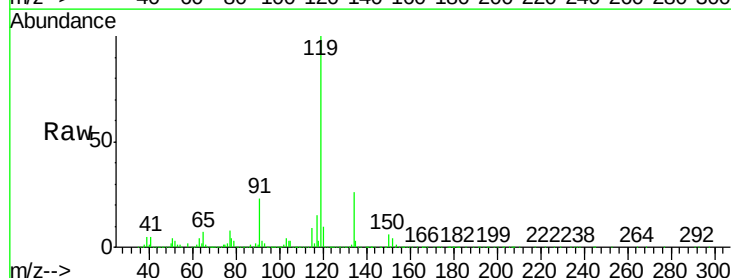
Tgt Ion:119 Resp: 890025

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

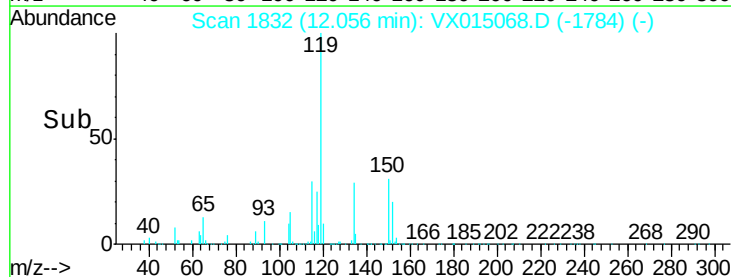
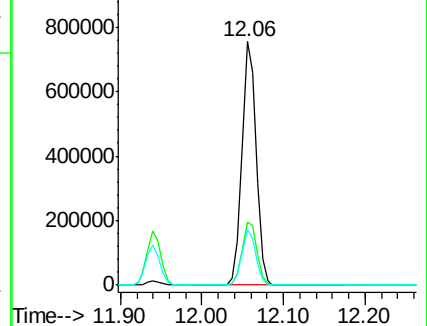
91 22.4 11.4 34.1

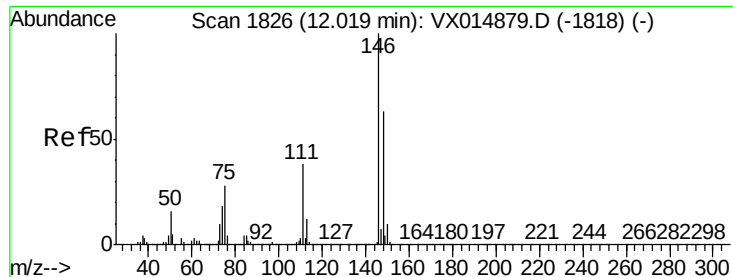


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.807 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015068.D

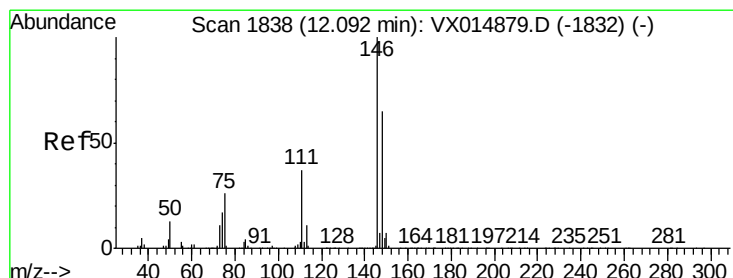
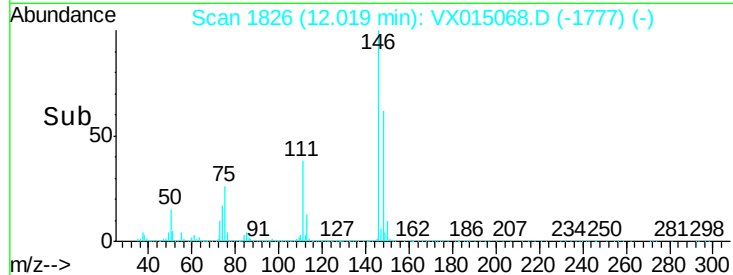
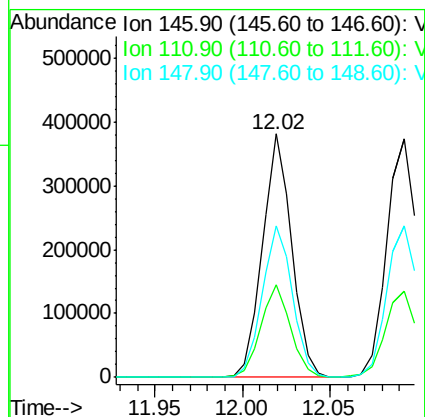
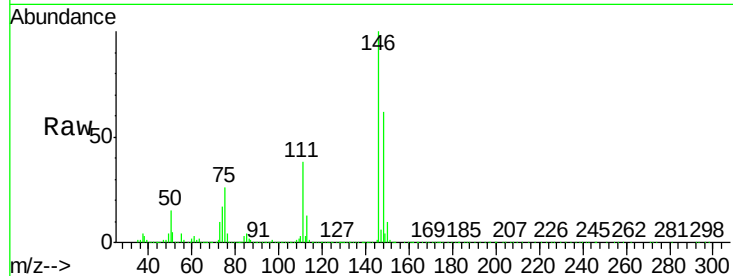
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	56.0
148	64.4	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 47.086 ug/l

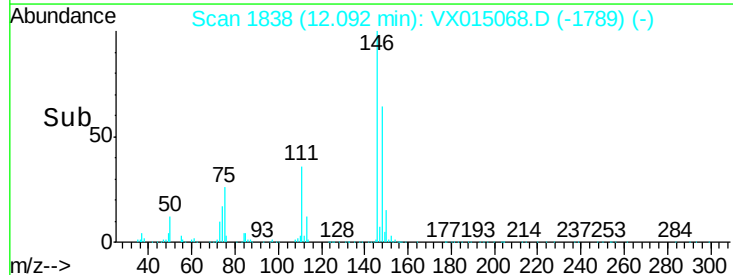
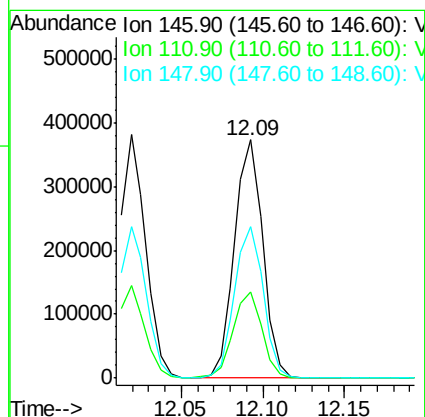
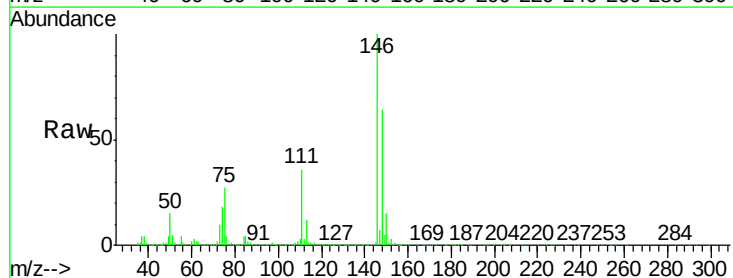
RT: 12.09 min Scan# 1838

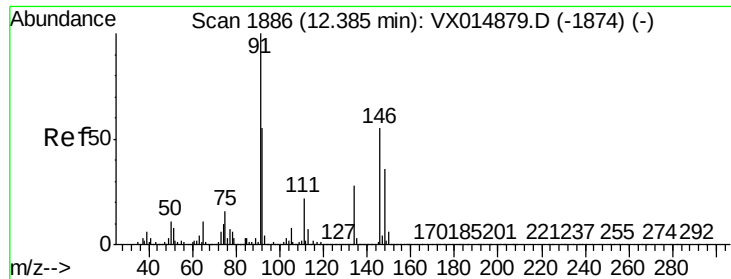
Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.6	32.4	97.0





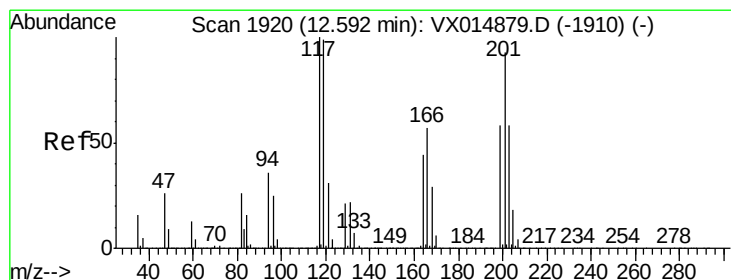
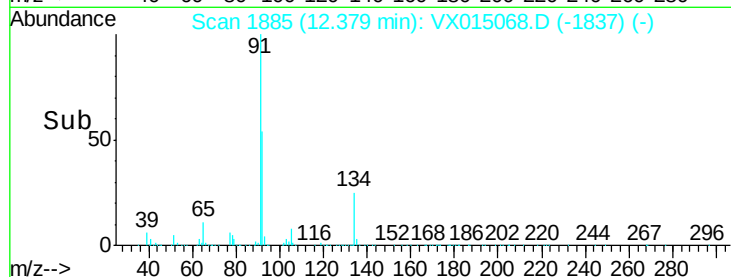
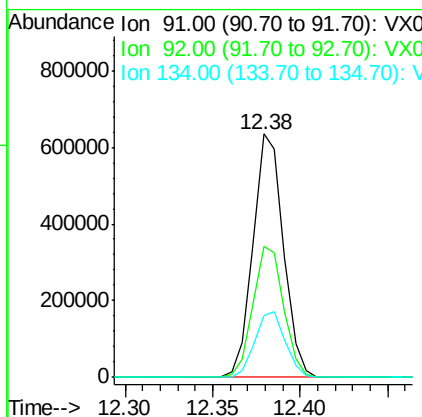
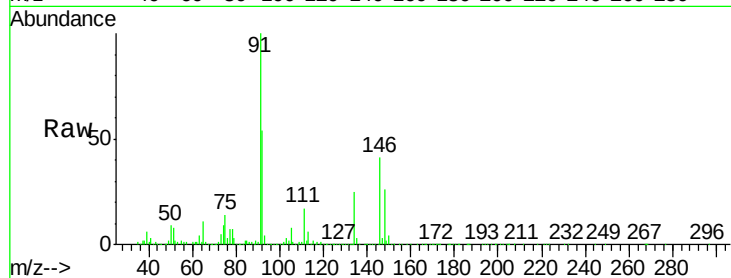
#89
n-Butylbenzene
Concen: 49.501 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.1	13.8	41.4

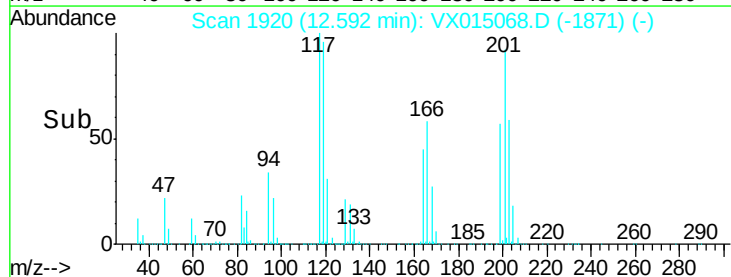
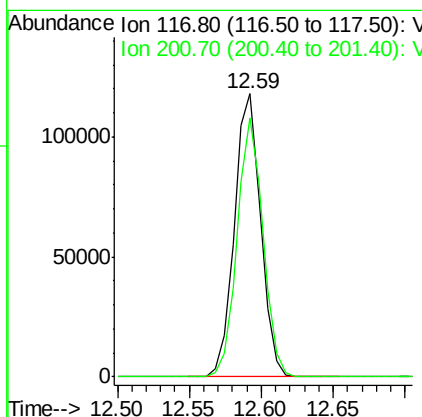
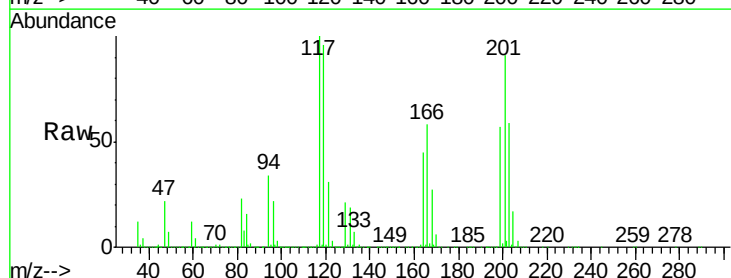
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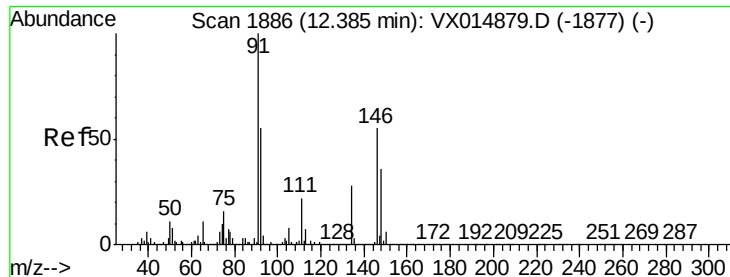
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3/3/2020 9:51:39 AM



#90
Hexachloroethane
Concen: 49.930 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	44.8	134.3





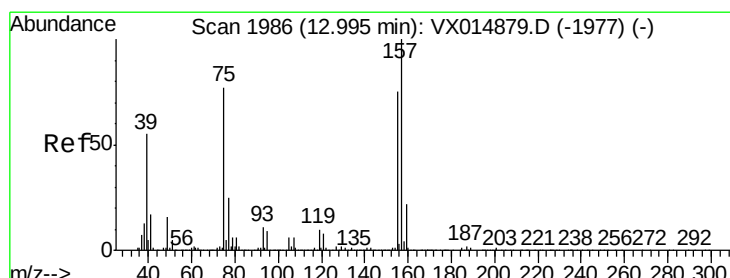
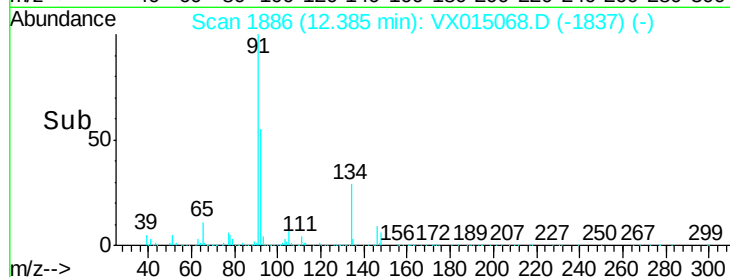
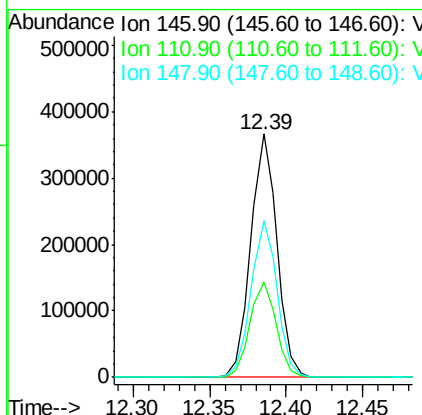
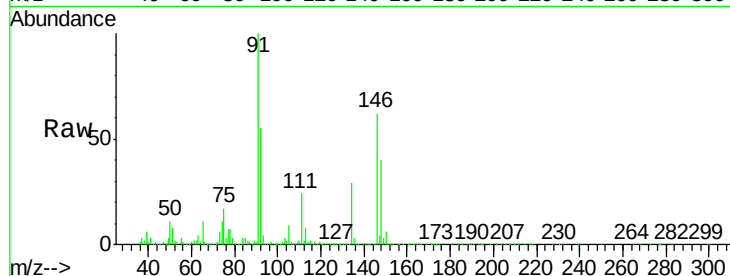
#91
 1,2-Dichlorobenzene
 Concen: 47.389 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.2	32.4	97.2

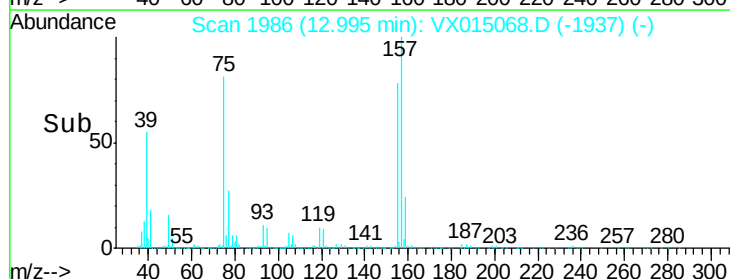
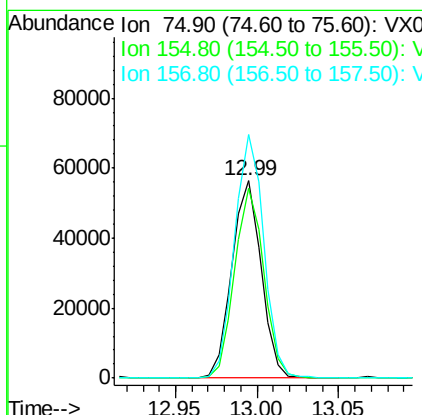
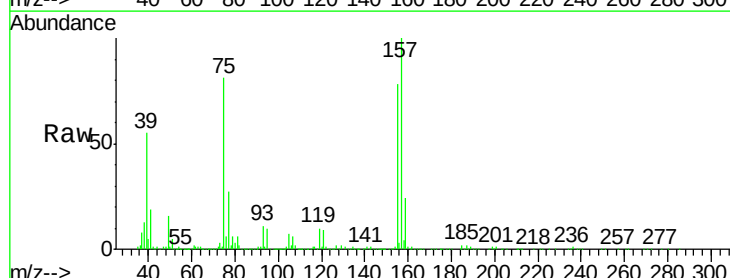
Manual Integrations
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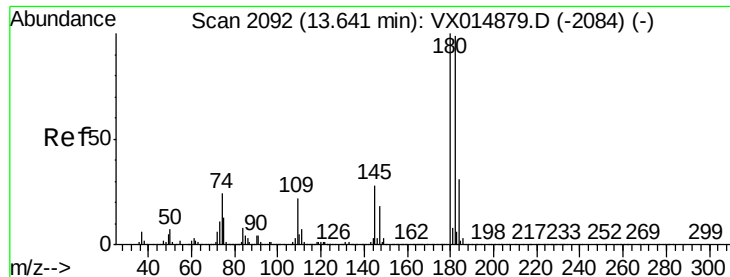
MMDadoda
 3/3/2020 9:51:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.840 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	48.6	145.9
157	124.6	62.0	186.0





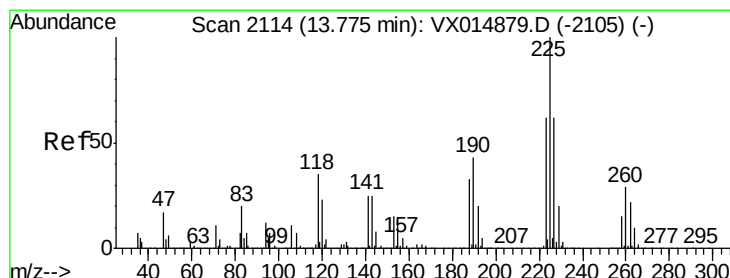
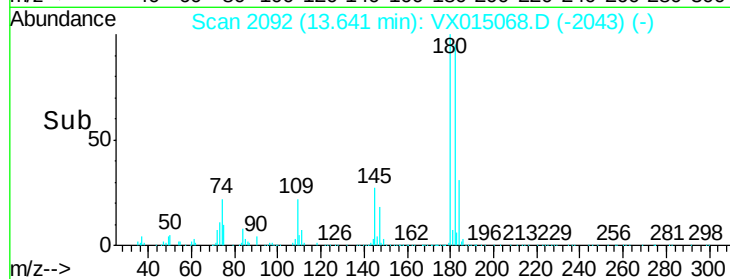
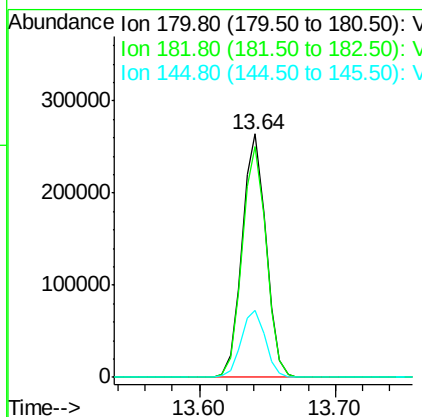
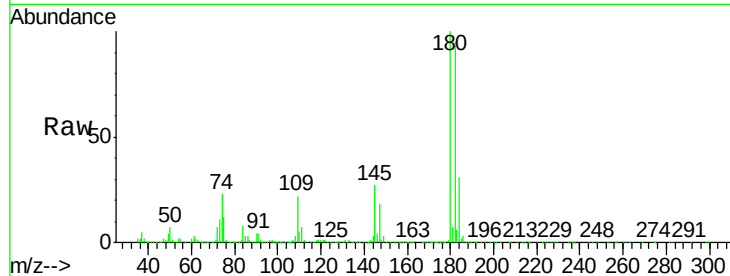
#93
1,2,4-Trichlorobenzene
Concen: 47.603 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	322851		
182	95.7	48.4	145.3	
145	28.0	14.1	42.4	

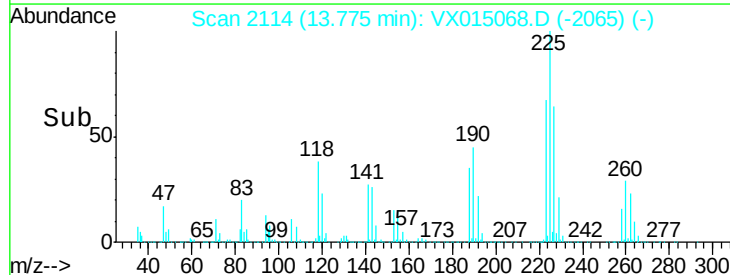
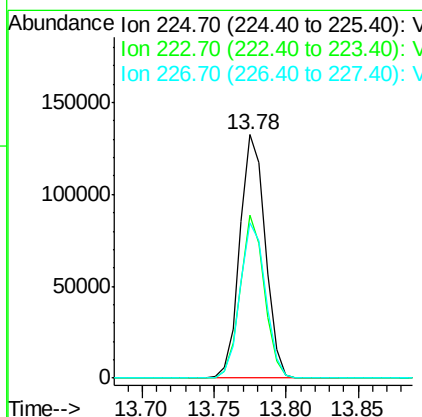
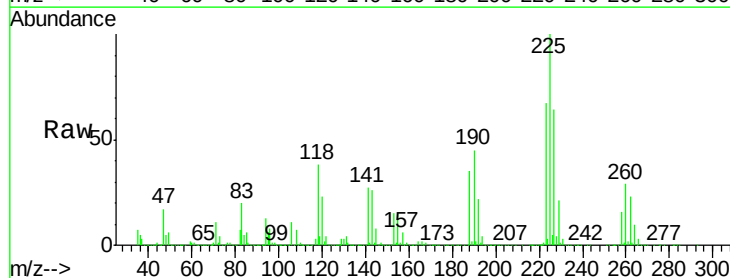
Manual Integrations
APPROVED

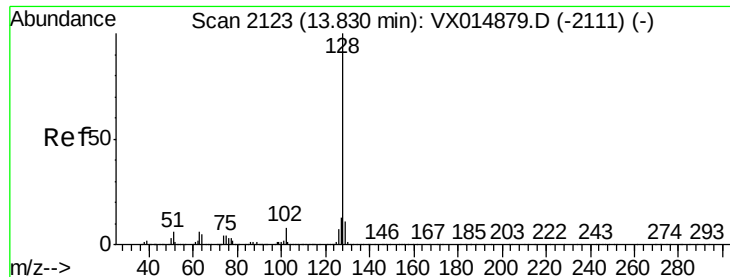
MMDadoda
3/3/2020 9:51:39 AM



#94
Hexachlorobutadiene
Concen: 49.482 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162320		
223	63.5	31.1	93.2	
227	63.9	30.9	92.5	





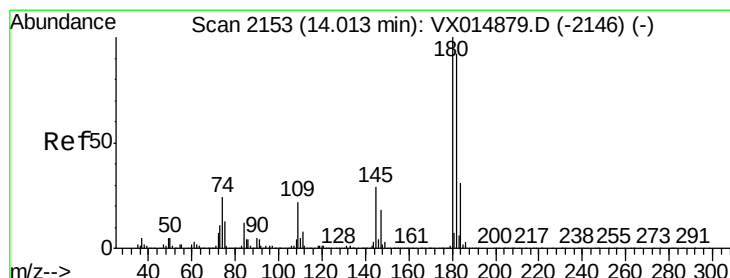
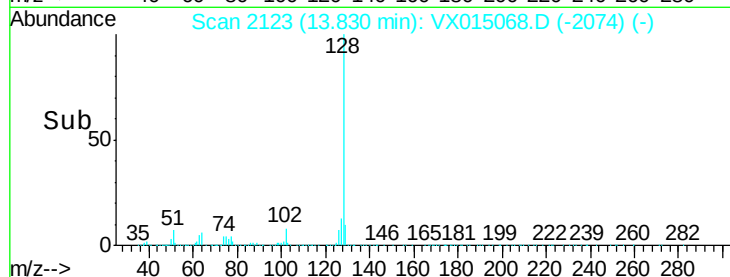
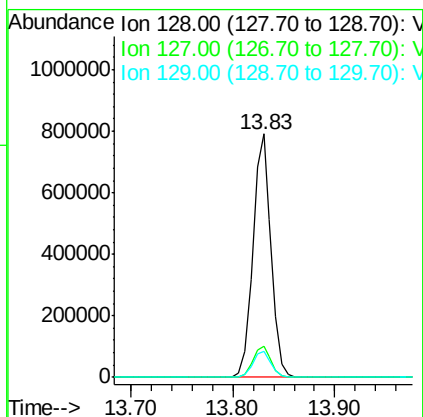
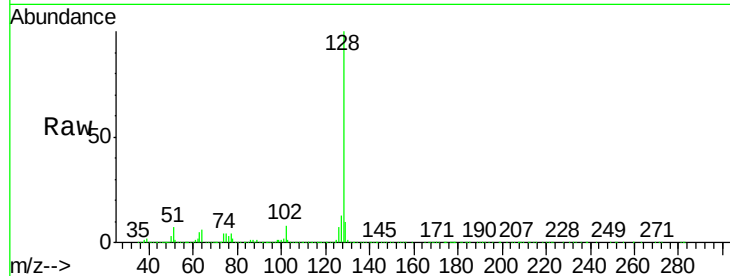
#95
Naphthalene
Concen: 53.912 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.041 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.6
145	29.7	14.5	43.5

