

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014837.D
 Acq On : 06 Feb 2020 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:34 AM

Quant Time: Feb 06 15:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	405813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	548652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	229275	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.48	113	187946	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	701389	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	255618	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	228978	42.122	ug/l	98
3) Chloromethane	1.32	50	224385	40.872	ug/l	99
4) Vinyl Chloride	1.40	62	259638	43.740	ug/l	100
5) Bromomethane	1.63	94	174824	43.360	ug/l	98
6) Chloroethane	1.72	64	148937	43.681	ug/l	100
7) Trichlorofluoromethane	1.92	101	316182	45.746	ug/l	100
8) Diethyl Ether	2.18	74	140662	46.626	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191092	47.096	ug/l	99
10) Methyl Iodide	2.50	142	258787	48.608	ug/l	99
11) Tert butyl alcohol	3.03	59	228464	214.733	ug/l	99
12) 1,1-Dichloroethene	2.36	96	178830	44.329	ug/l	96
13) Acrolein	2.28	56	194219	231.518	ug/l	100
14) Allyl chloride	2.72	41	330370	45.561	ug/l	97
15) Acrylonitrile	3.13	53	564178	229.181	ug/l	100
16) Acetone	2.43	43	689912	265.622	ug/l	100
17) Carbon Disulfide	2.56	76	439046	39.820	ug/l	99
18) Methyl Acetate	2.76	43	349849	47.190	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	669886	50.697	ug/l	99
20) Methylene Chloride	2.84	84	215900	44.923	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	195822	44.086	ug/l	98
22) Diisopropyl ether	3.84	45	701851	48.650	ug/l	96
23) Vinyl Acetate	3.80	43	2759090	250.891	ug/l	100
24) 1,1-Dichloroethane	3.69	63	367303	46.882	ug/l	98
25) 2-Butanone	4.65	43	889885	239.138	ug/l	97
26) 2,2-Dichloropropane	4.57	77	311127	49.614	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	237386	47.751	ug/l	98
28) Bromochloromethane	5.00	49	146355	42.510	ug/l	96
29) Tetrahydrofuran	5.11	42	499042	225.953	ug/l	99
30) Chloroform	5.20	83	377867	48.687	ug/l	99
31) Cyclohexane	5.56	56	318385	43.207	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	319611	48.719	ug/l	98
36) 1,1-Dichloropropene	5.79	75	273428	49.167	ug/l	99
37) Ethyl Acetate	4.81	43	308119	48.374	ug/l	99
38) Carbon Tetrachloride	5.77	117	270851	50.996	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	335389	48.140	ug/l	95
40) Benzene	6.13	78	827839	48.178	ug/l	99
41) Methacrylonitrile	5.03	41	171599	47.208	ug/l	97
42) 1,2-Dichloroethane	6.18	62	310409	52.313	ug/l	99
43) Isopropyl Acetate	6.43	43	523114	50.153	ug/l	99
44) Trichloroethene	7.20	130	233895	48.190	ug/l	98
45) 1,2-Dichloropropane	7.50	63	220882	49.897	ug/l	98
46) Dibromomethane	7.65	93	147688	51.513	ug/l	99
47) Bromodichloromethane	7.89	83	297115	52.838	ug/l	99
48) Methyl methacrylate	7.76	41	256121	51.393	ug/l	97
49) 1,4-Dioxane	7.73	88	96235	910.974	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1596425	242.503	ug/l	99
52) Toluene	8.78	92	531325	50.303	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	332358	54.892	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	362037	54.353	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227915	52.703	ug/l	99
56) Ethyl methacrylate	9.17	69	352195	48.109	ug/l	99
57) 1,3-Dichloropropane	9.36	76	380095	51.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	570492	262.313	ug/l	98
59) 2-Hexanone	9.48	43	1269767	248.565	ug/l	98
60) Dibromochloromethane	9.57	129	244746	54.220	ug/l	100
61) 1,2-Dibromoethane	9.67	107	233993	51.176	ug/l	100
64) Tetrachloroethene	9.33	164	251077	46.231	ug/l	97
65) Chlorobenzene	10.13	112	589265	50.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	228389	52.784	ug/l	98
67) Ethyl Benzene	10.25	91	1029163	51.361	ug/l	100
68) m/p-Xylenes	10.35	106	788824	103.911	ug/l	99
69) o-Xylene	10.70	106	381112	52.003	ug/l	99
70) Styrene	10.71	104	666992	54.256	ug/l	100
71) Bromoform	10.85	173	187180	54.398	ug/l #	100
73) Isopropylbenzene	11.01	105	1021726	50.881	ug/l	100
74) N-amyl acetate	10.89	43	452038	51.370	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	338077	47.153	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286920m	43.182	ug/l	
77) Bromobenzene	11.25	156	273249	50.652	ug/l	96
78) n-propylbenzene	11.35	91	1160637	50.920	ug/l	99
79) 2-Chlorotoluene	11.42	91	688255	49.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	861384	51.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	117641	50.386	ug/l	99
82) 4-Chlorotoluene	11.51	91	803154	51.153	ug/l	100
83) tert-Butylbenzene	11.76	119	825594	52.717	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	864378	51.707	ug/l	99
85) sec-Butylbenzene	11.94	105	1010178	52.653	ug/l	99
86) p-Isopropyltoluene	12.06	119	925603	52.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	484190	49.942	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	485936	50.037	ug/l	99
89) n-Butylbenzene	12.38	91	824865	53.416	ug/l	99
90) Hexachloroethane	12.59	117	165822	50.351	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483746	50.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73548	47.745	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050

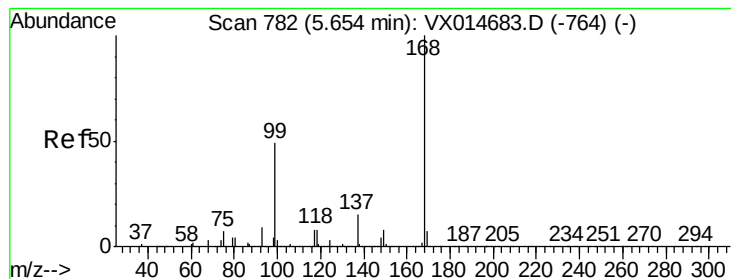
Manual Integrations
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2/7/2020 11:44:34 AM

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	341506	55.010	ug/l	99
94) Hexachlorobutadiene	13.77	225	169142	52.936	ug/l	97
95) Naphthalene	13.83	128	1008797	50.384	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	345119	54.979	ug/l	98

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



#1

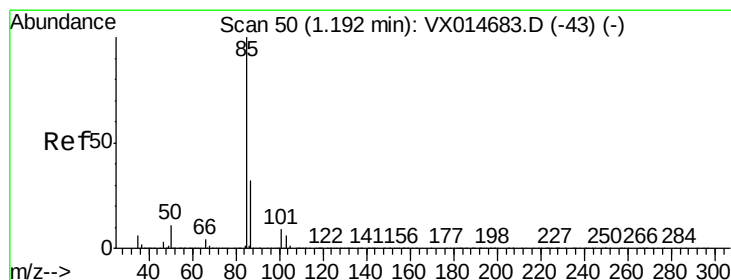
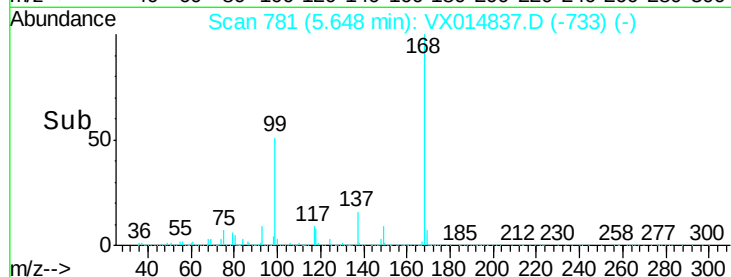
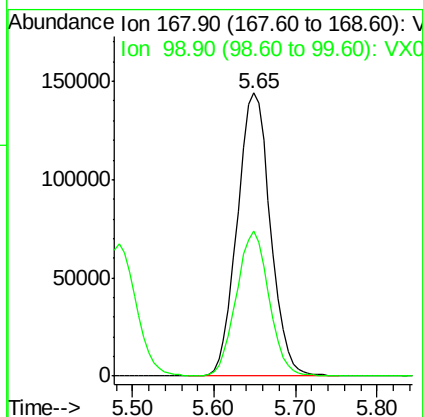
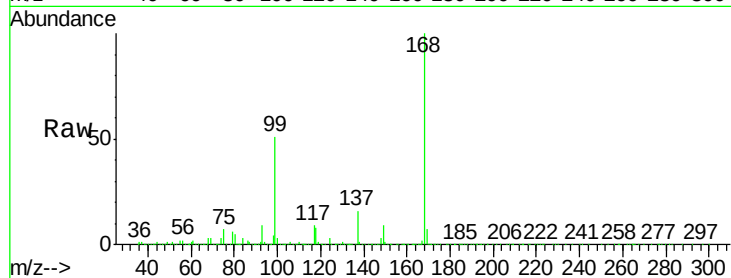
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	405813		
99	50.9		39.8	59.6

Manual Integrations
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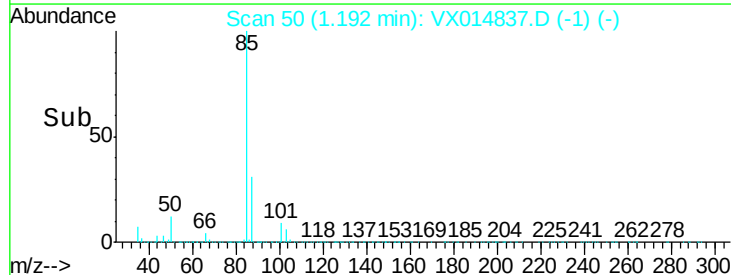
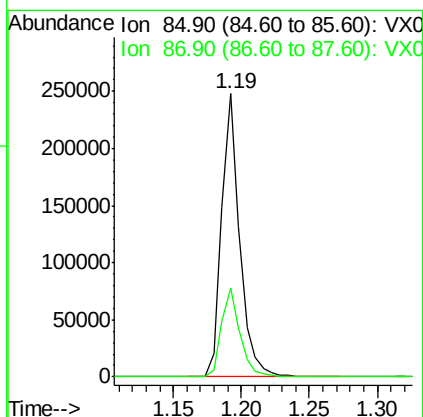
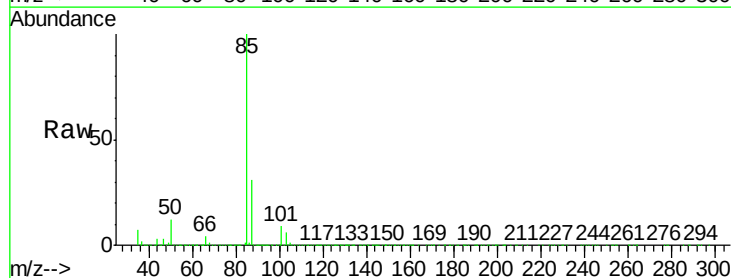
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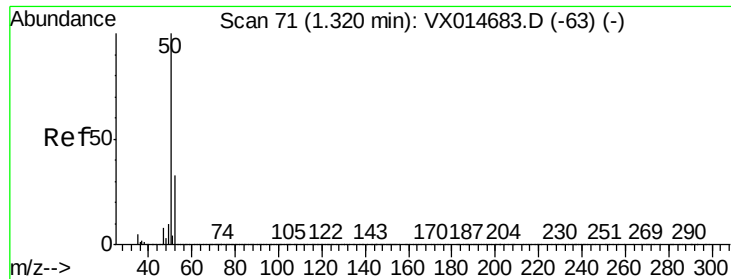


#2

Dichlorodifluoromethane
Concen: 42.122 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	228978		
87	31.4		16.2	48.5





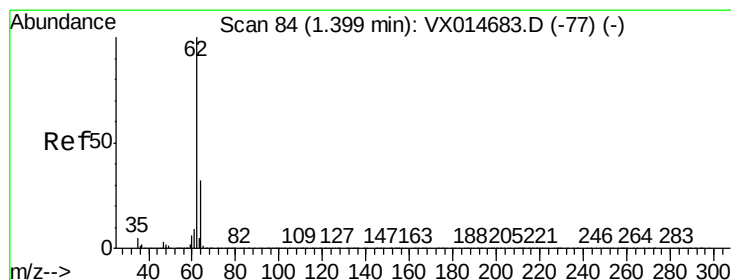
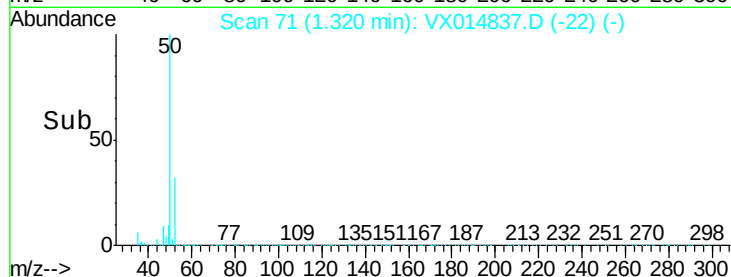
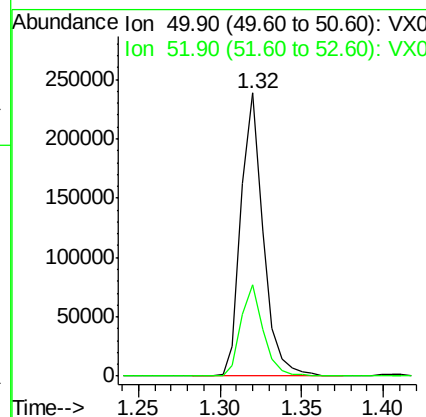
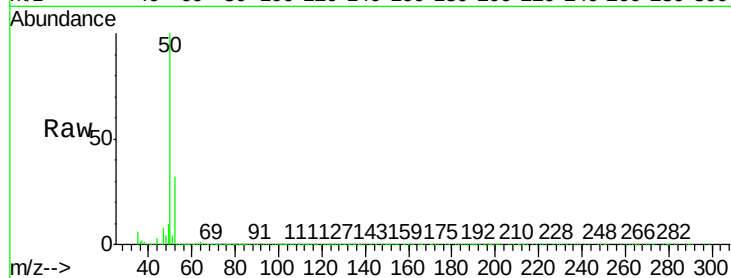
#3
Chloromethane
Concen: 40.872 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.2	39.2

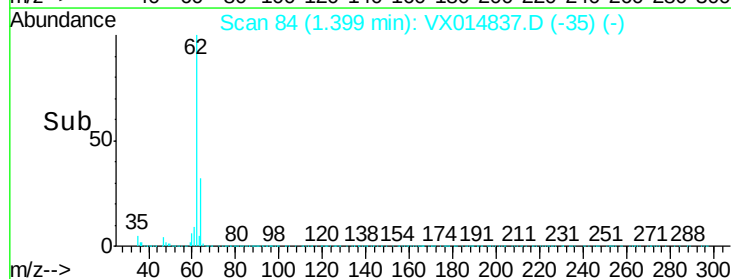
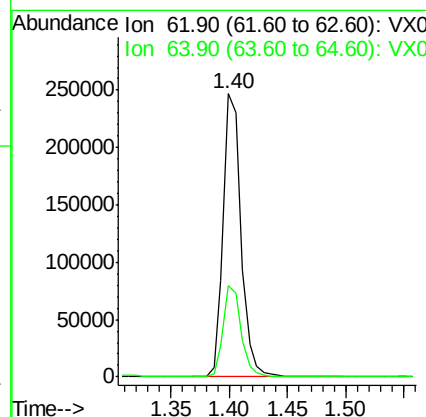
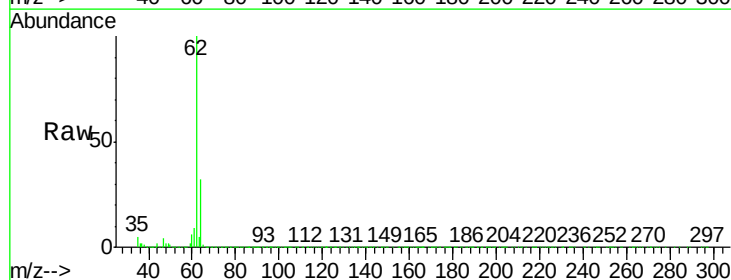
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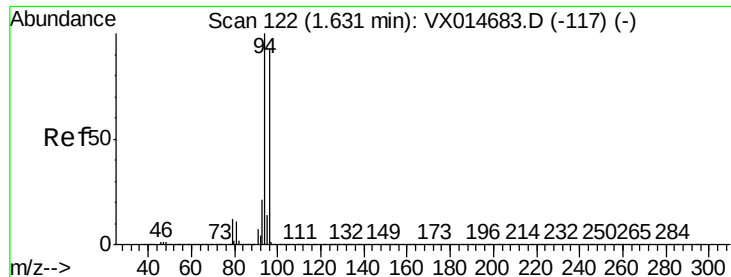
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#4
Vinyl Chloride
Concen: 43.740 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.4	38.2





#5

Bromomethane

Concen: 43.360 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 174824

Ion Ratio Lower Upper

94 100

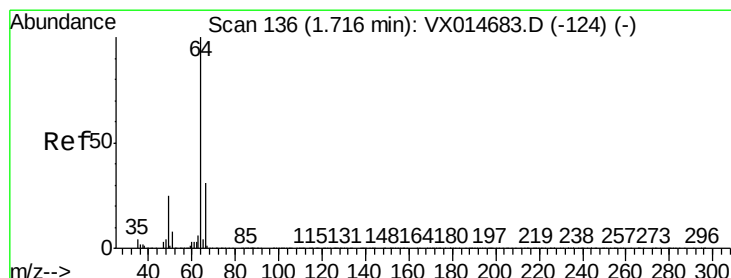
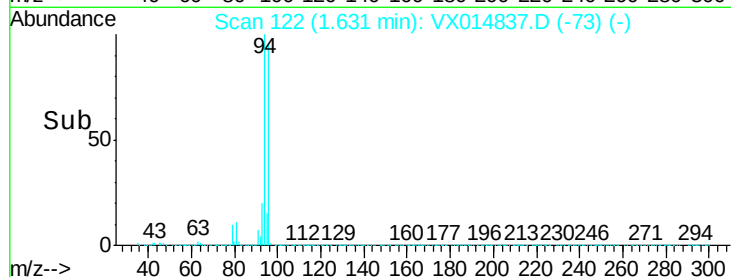
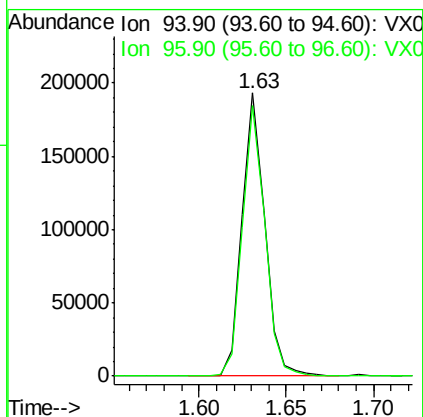
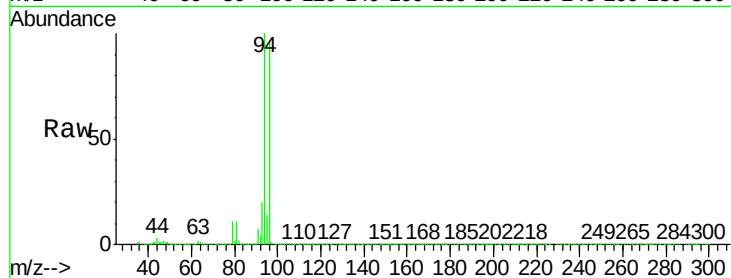
96 95.8 74.7 112.1

Manual Integrations

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2/7/2020 11:44:34 AM



#6

Chloroethane

Concen: 43.681 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014837.D

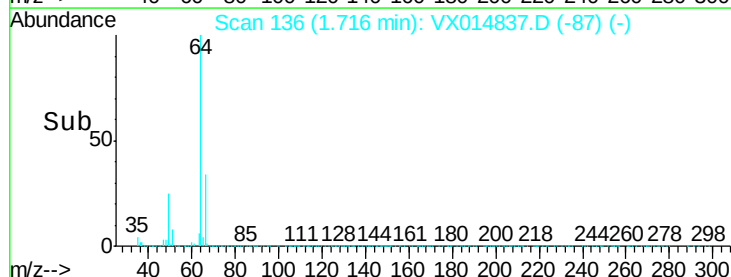
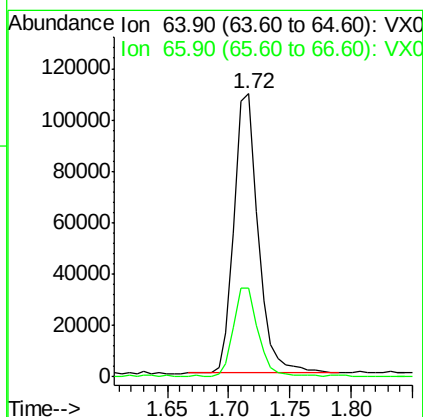
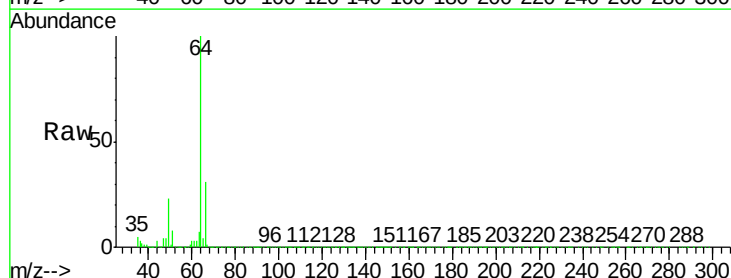
Acq: 06 Feb 2020 10:25

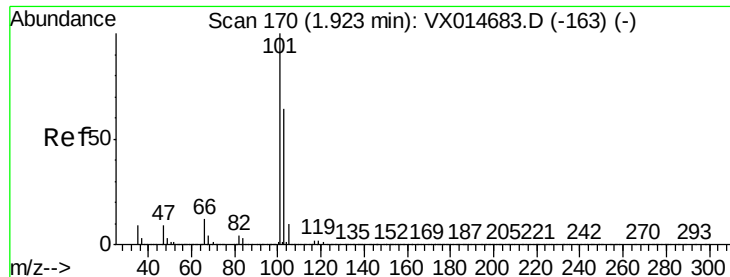
Tgt Ion: 64 Resp: 148937

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

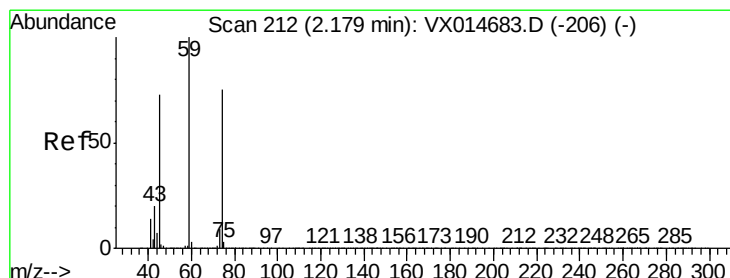
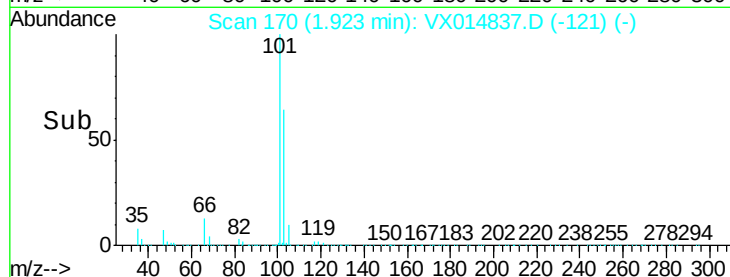
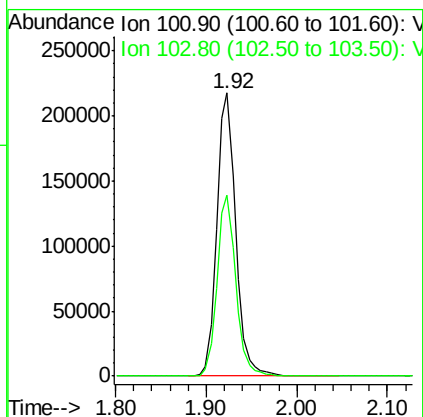
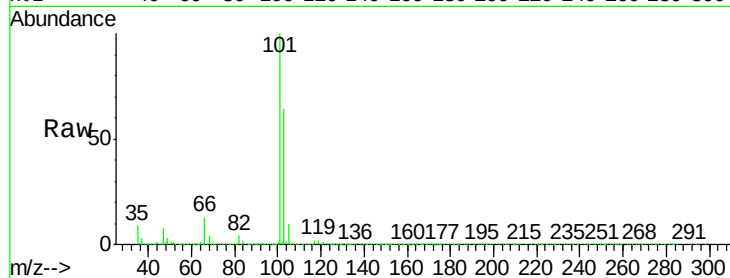
Trichlorofluoromethane
Concen: 45.746 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	316182		
103	64.1	51.0	76.6	

Manual Integrations
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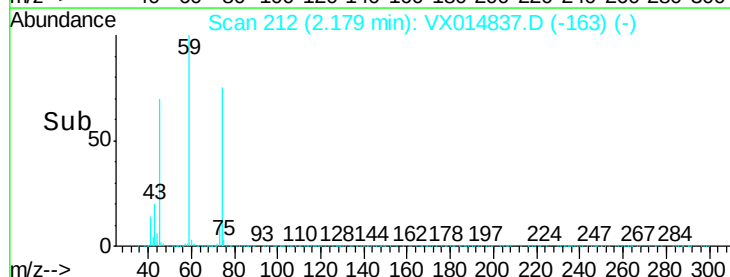
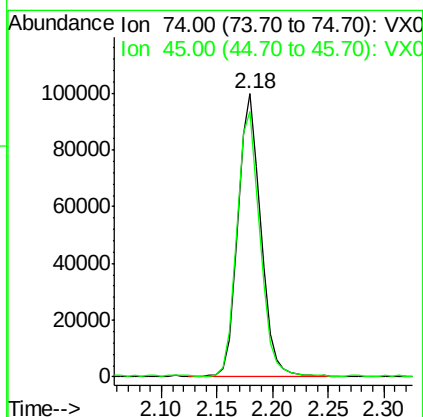
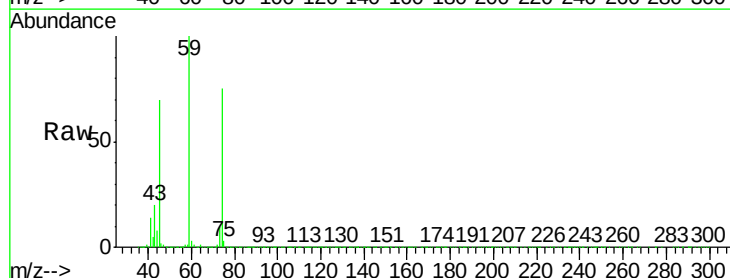
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2/7/2020 11:44:34 AM

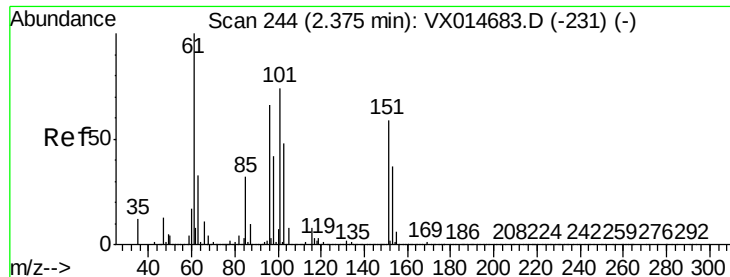


#8

Diethyl Ether
Concen: 46.626 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	140662		
45	95.1	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.096 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

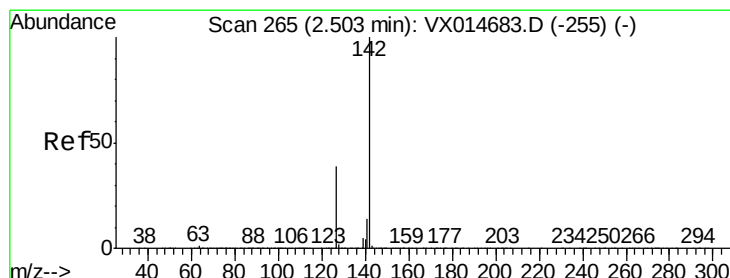
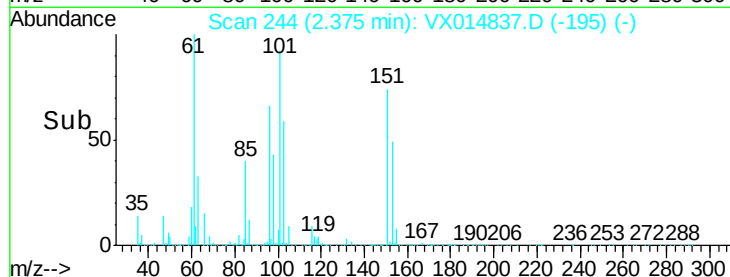
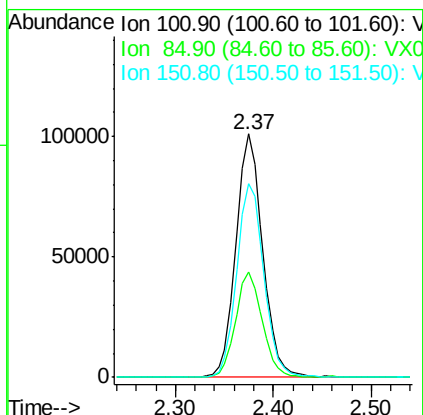
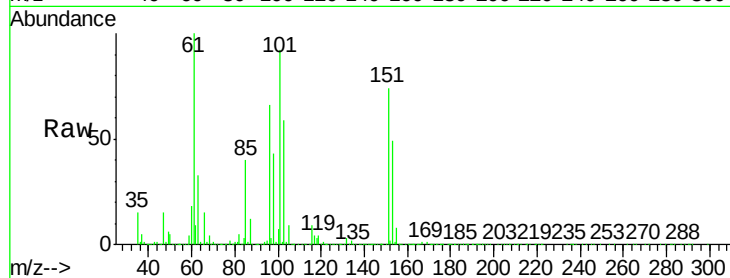
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	191092
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.7	52.1
151	81.6	64.7	97.1

Manual Integrations
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2/7/2020 11:44:34 AM



#10

Methyl Iodide

Concen: 48.608 ug/l

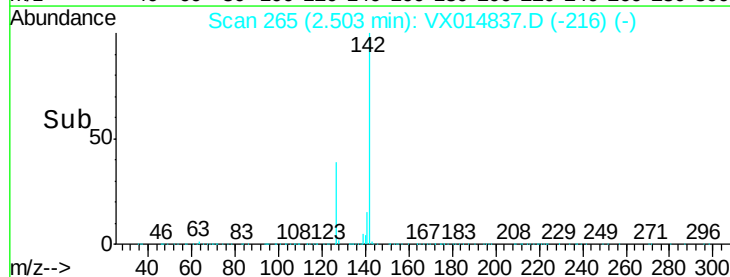
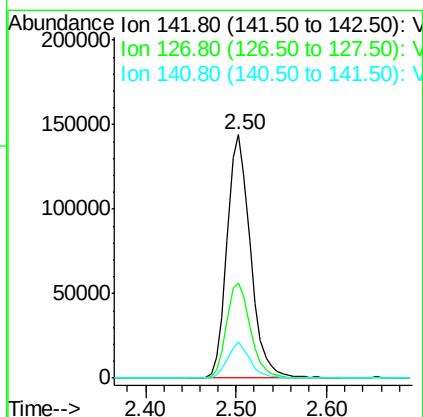
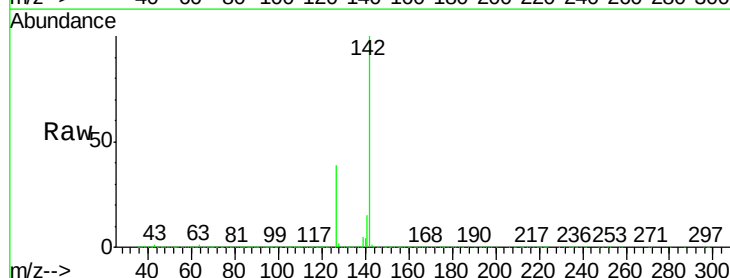
RT: 2.50 min Scan# 265

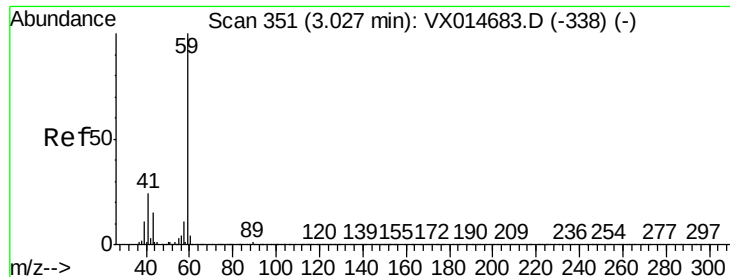
Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	142	Resp:	258787
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.4	11.3	16.9





#11

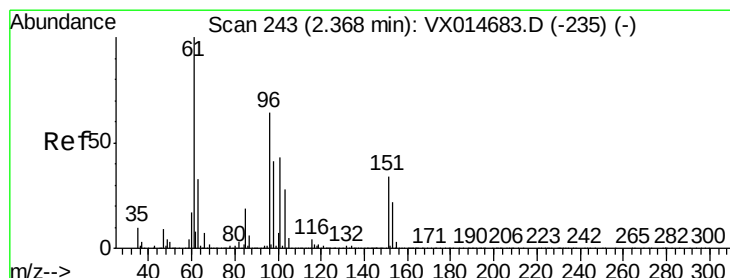
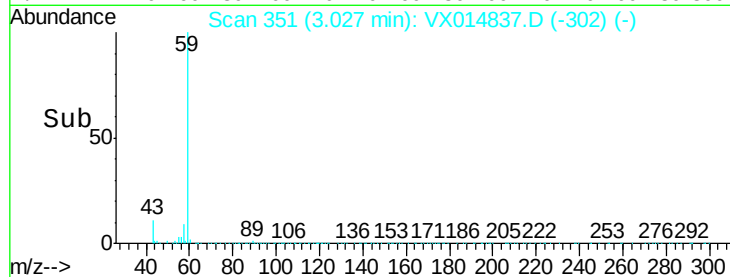
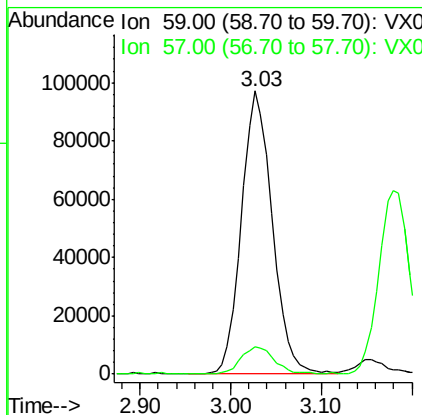
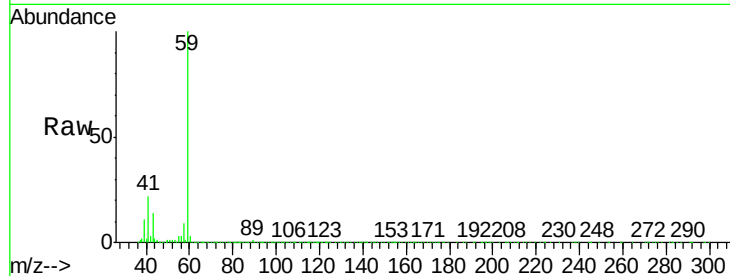
Tert butyl alcohol
Concen: 214.733 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Manual Integrations
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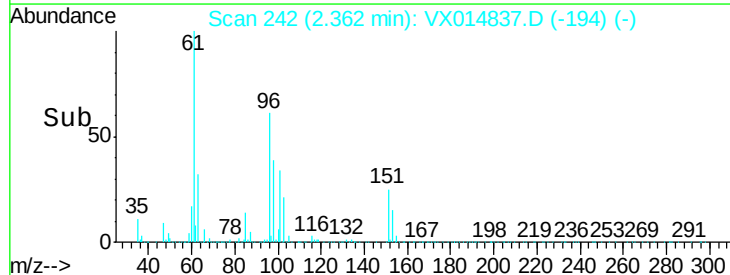
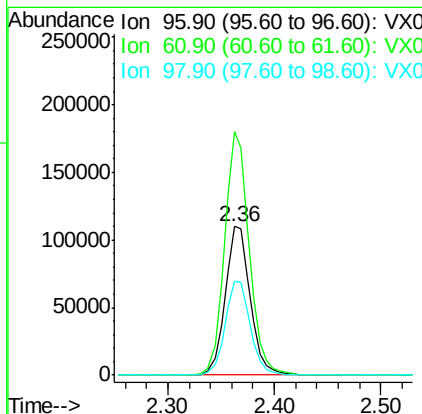
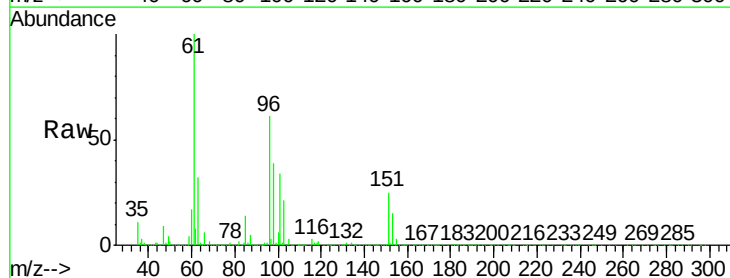
MMDadoda
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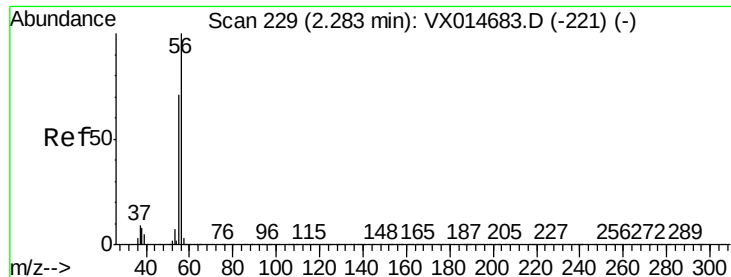


#12

1,1-Dichloroethene
Concen: 44.329 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.0	125.8	188.8
98	63.3	51.5	77.3





#13

Acrolein

Concen: 231.518 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 194219

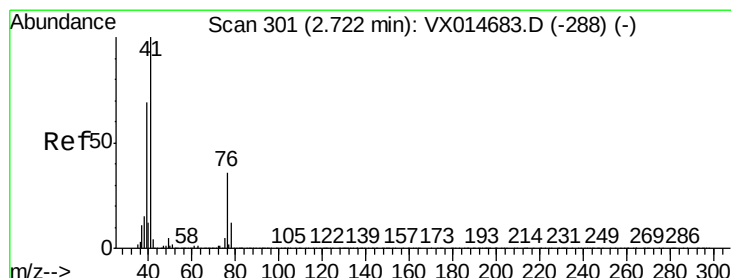
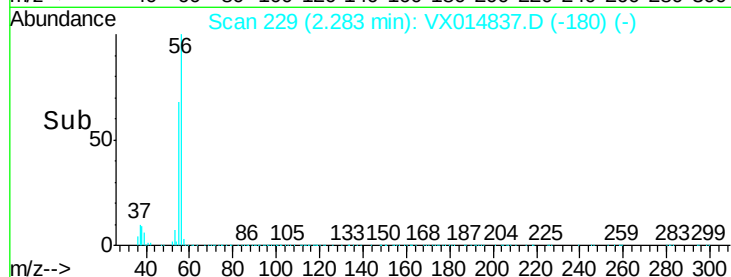
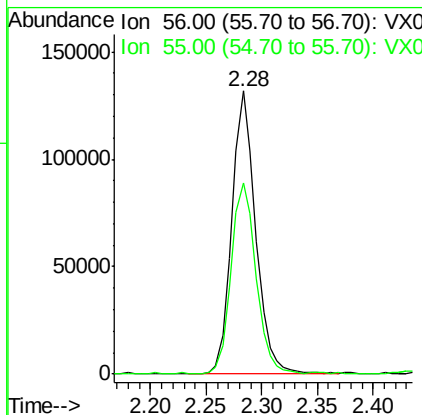
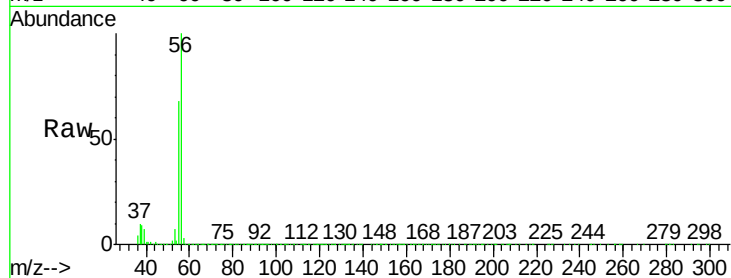
Ion Ratio Lower Upper

56 100

55 70.5 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 45.561 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

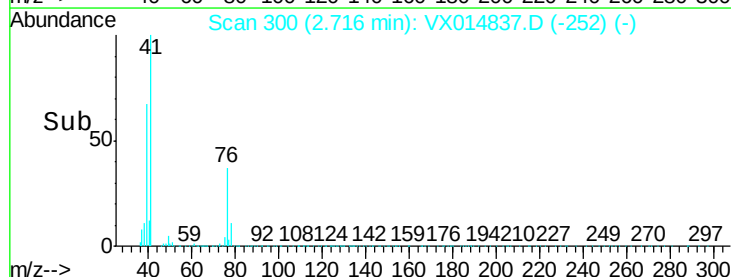
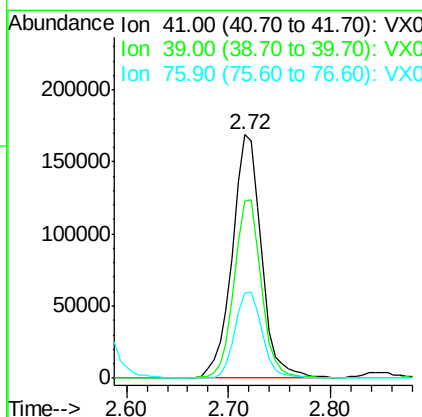
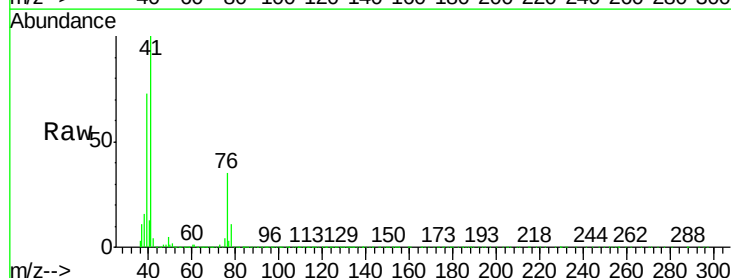
Tgt Ion: 41 Resp: 330370

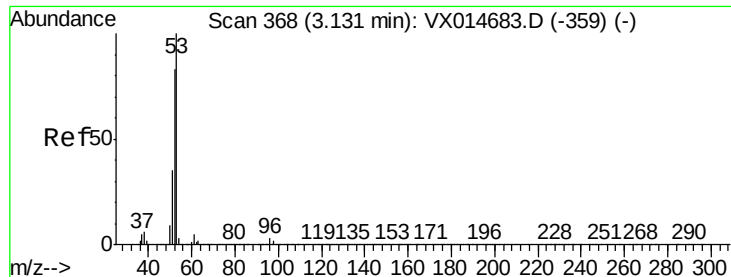
Ion Ratio Lower Upper

41 100

39 68.7 52.0 78.0

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 229.181 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

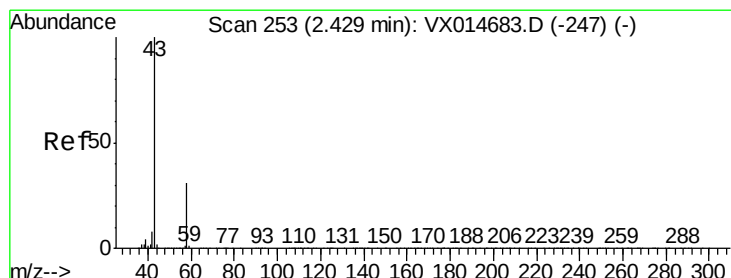
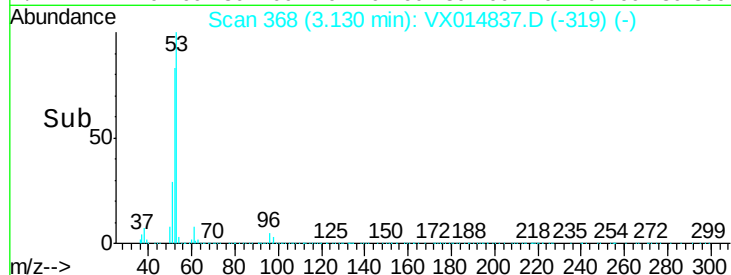
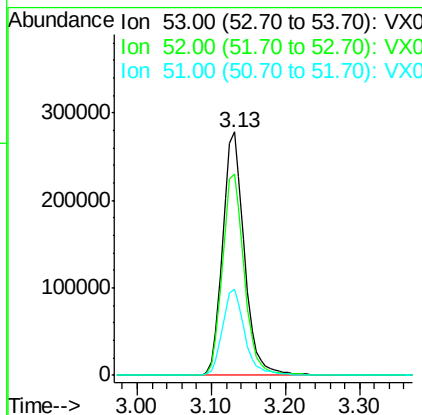
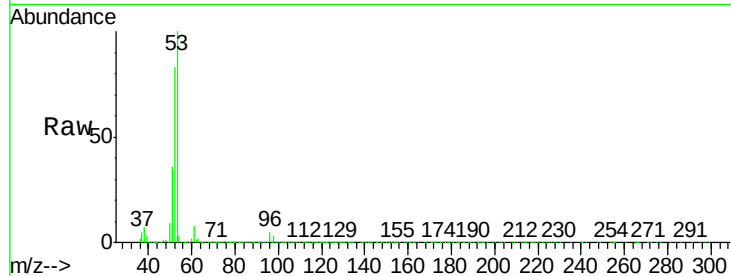
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	564178
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.4	99.6
51	36.2	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 265.622 ug/l

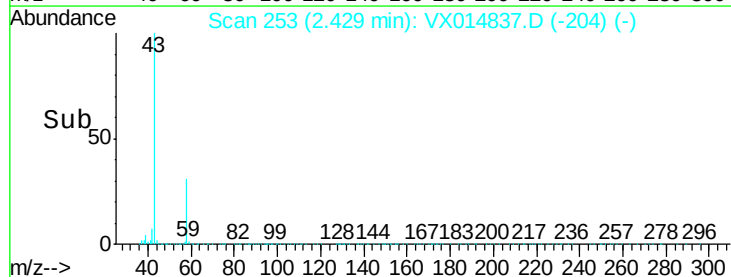
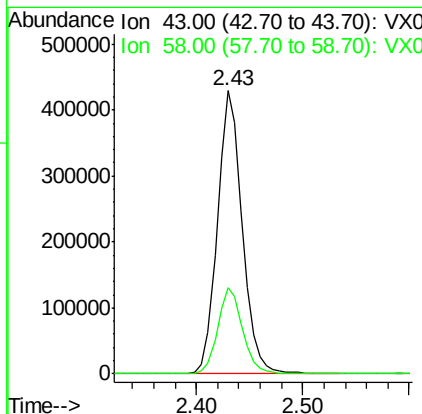
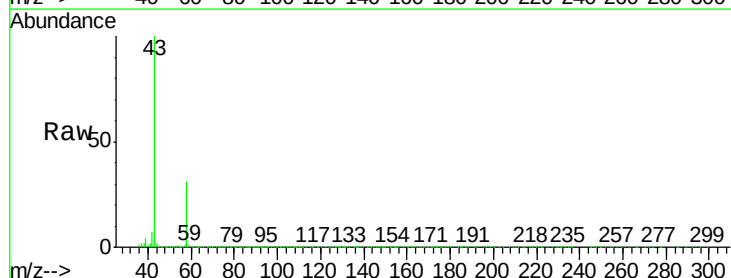
RT: 2.43 min Scan# 253

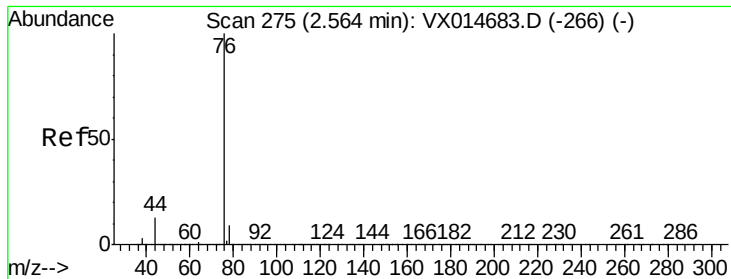
Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	43	Resp:	689912
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.5	36.7





#17

Carbon Disulfide

Concen: 39.820 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 439046

Ion Ratio Lower Upper

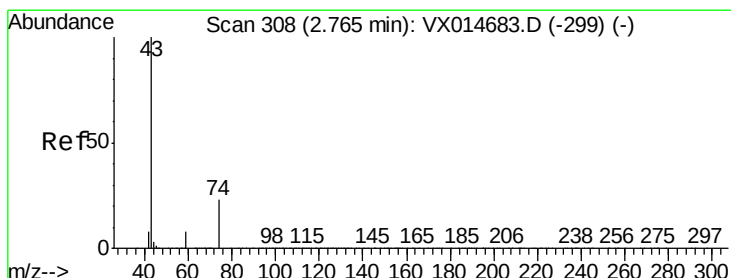
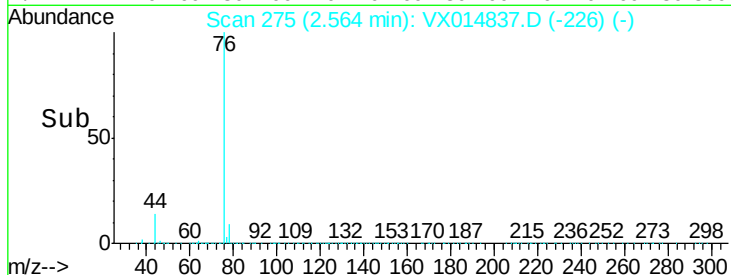
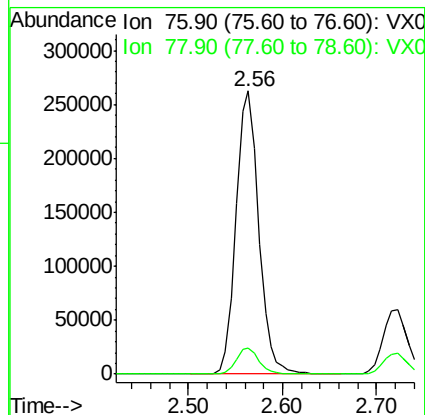
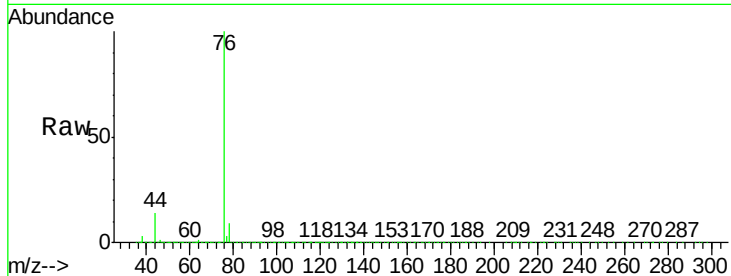
76 100

78 9.2 7.2 10.8

Manual Integrations
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#18

Methyl Acetate

Concen: 47.190 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014837.D

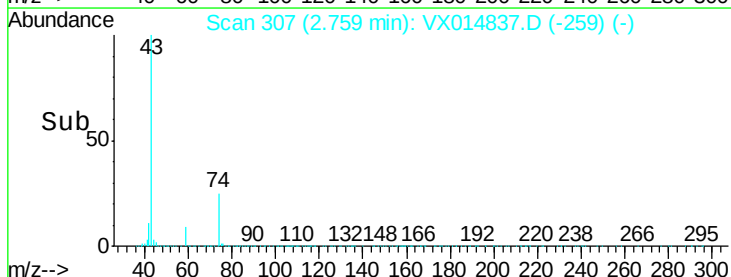
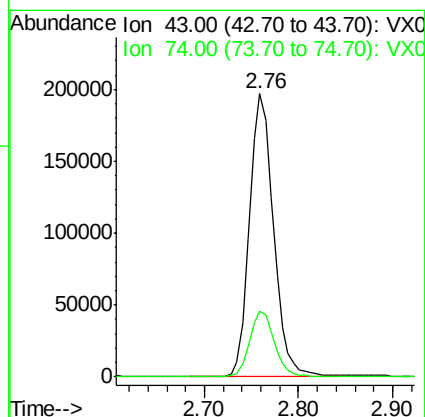
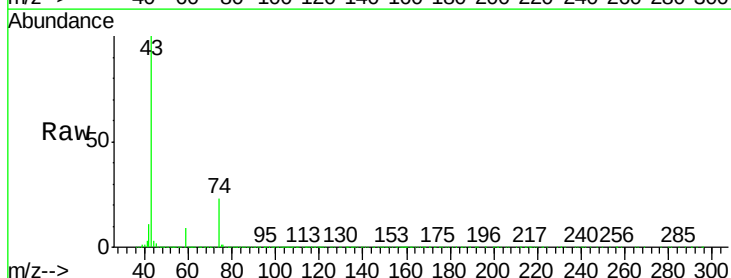
Acq: 06 Feb 2020 10:25

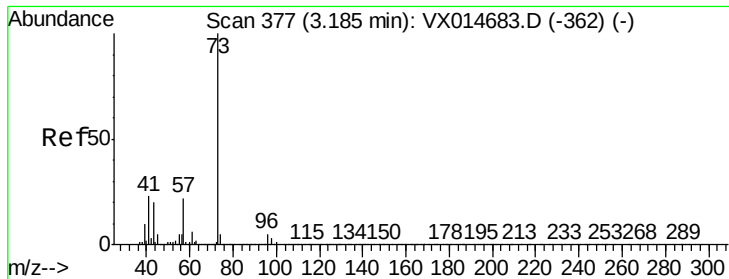
Tgt Ion: 43 Resp: 349849

Ion Ratio Lower Upper

43 100

74 24.2 18.5 27.7





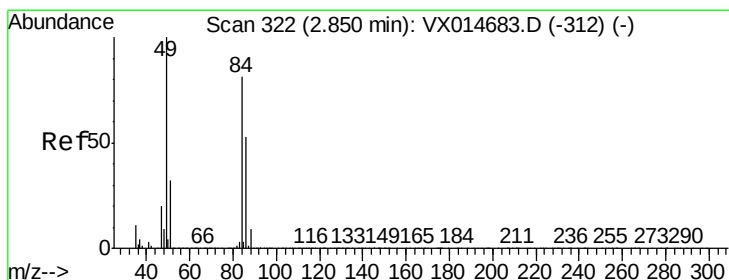
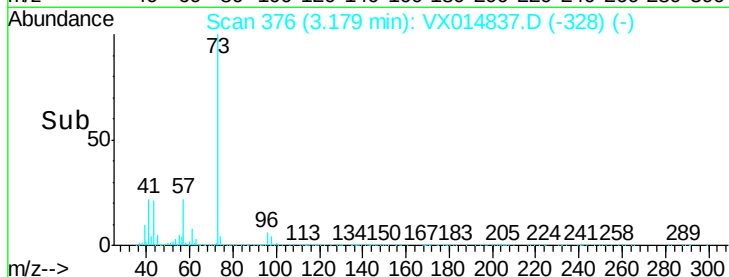
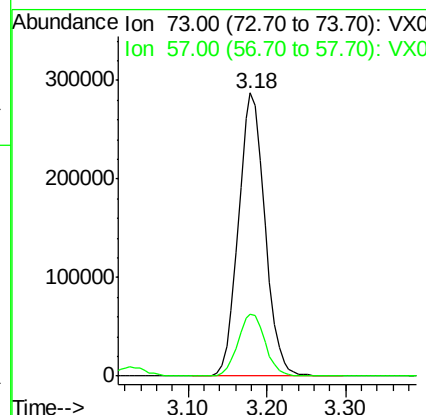
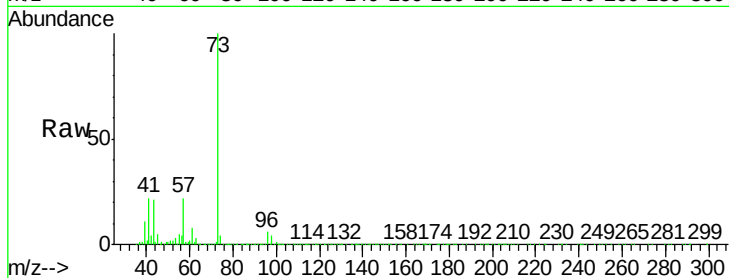
#19
Methyl tert-butyl Ether
Concen: 50.697 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

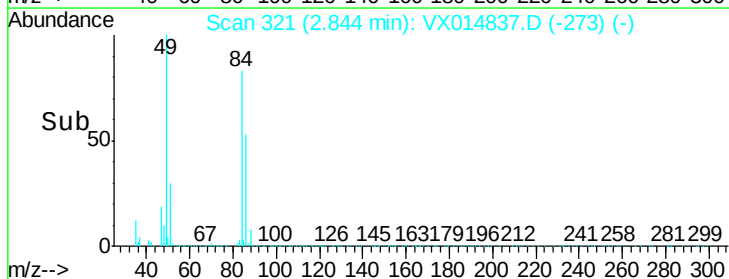
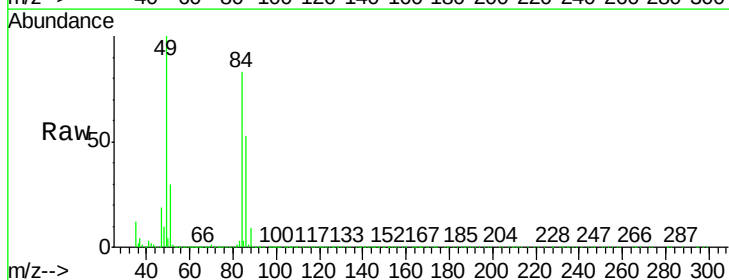
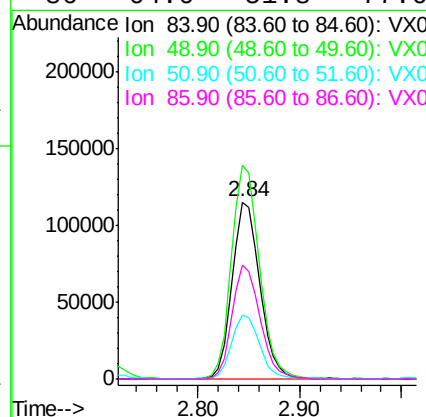
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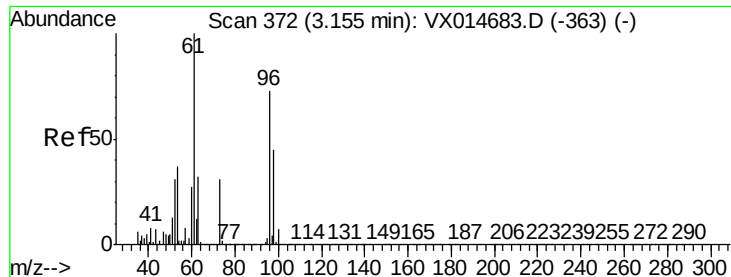
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#20
Methylene Chloride
Concen: 44.923 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.2	147.4
51	36.0	31.3	46.9
86	64.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 44.086 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 195822

Ion Ratio Lower Upper

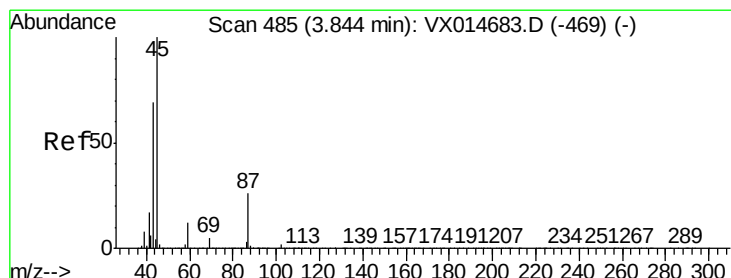
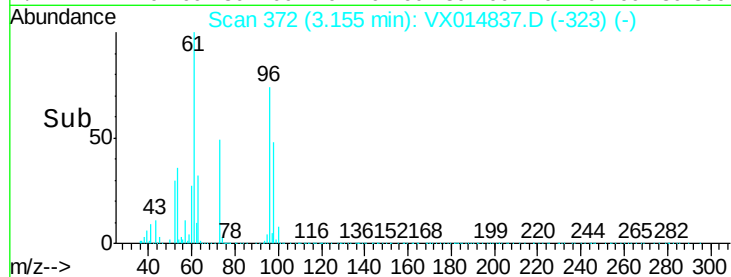
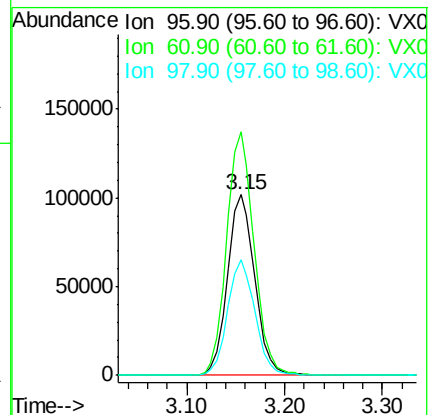
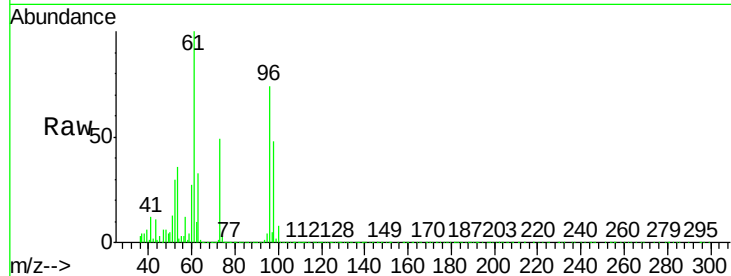
96 100

61 134.7 109.8 164.6

98 64.1 49.6 74.4

Manual Integrations
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2/7/2020 11:44:34 AM



#22

Diisopropyl ether

Concen: 48.650 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion: 45 Resp: 701851

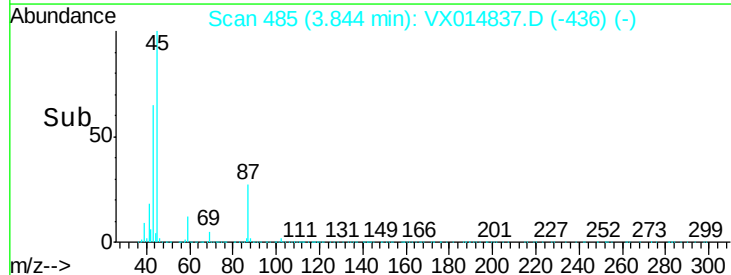
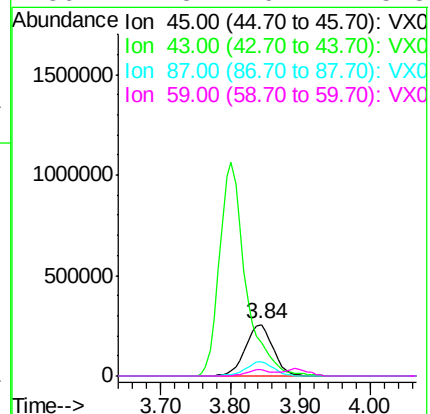
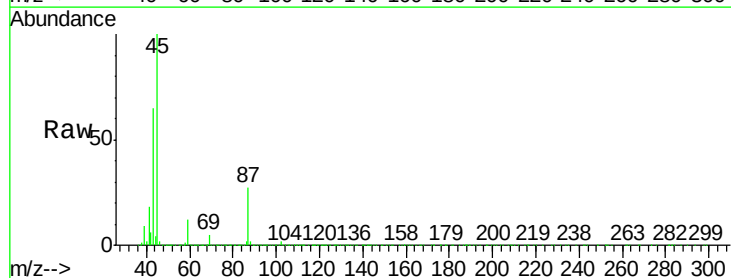
Ion Ratio Lower Upper

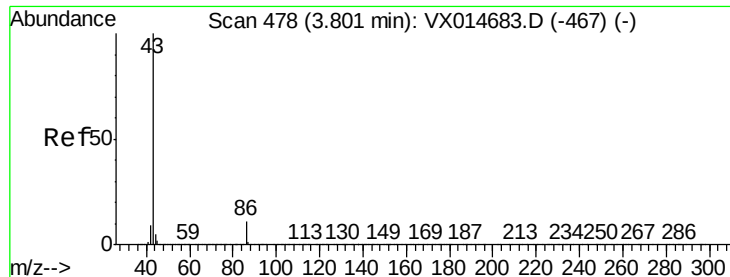
45 100

43 64.9 55.1 82.7

87 27.1 20.7 31.1

59 12.3 9.2 13.8





#23

Vinyl Acetate

Concen: 250.891 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2759090

Ion Ratio Lower Upper

43 100

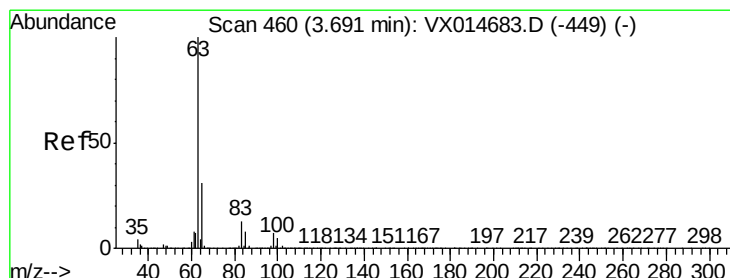
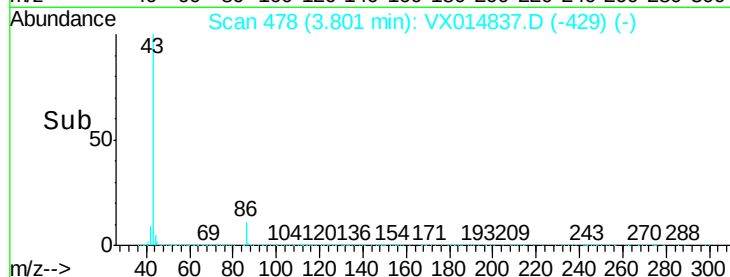
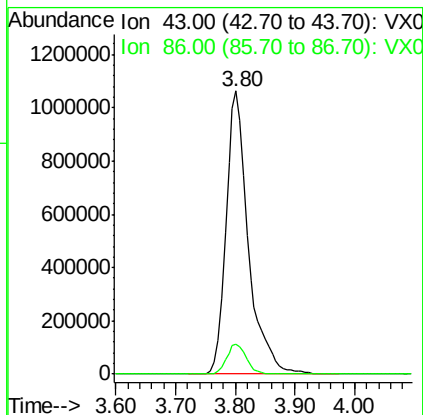
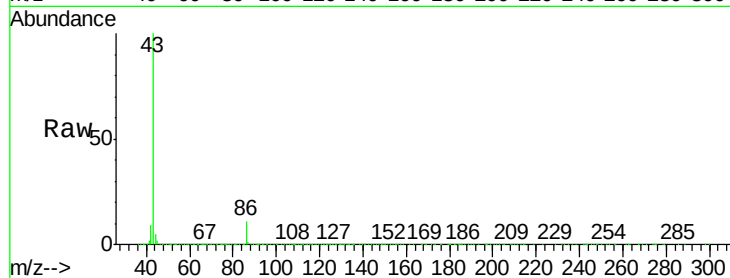
86 10.6 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.882 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

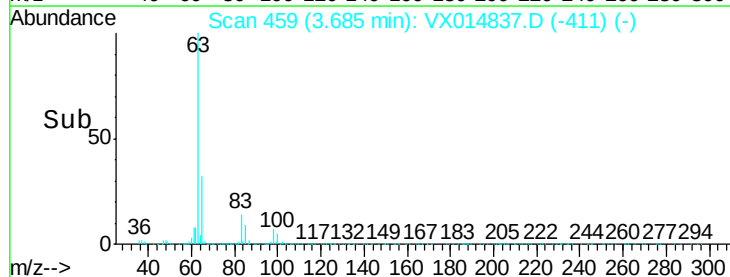
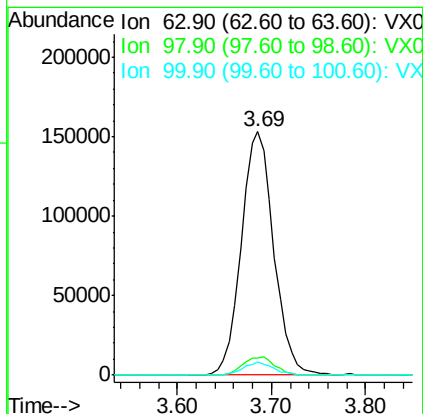
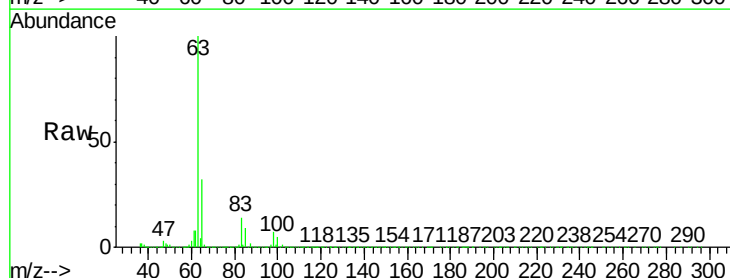
Tgt Ion: 63 Resp: 367303

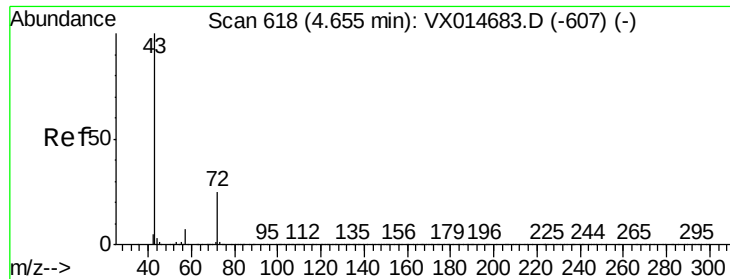
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 239.138 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 889885

Ion Ratio Lower Upper

43 100

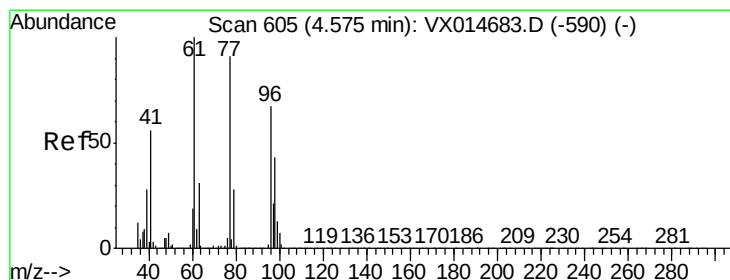
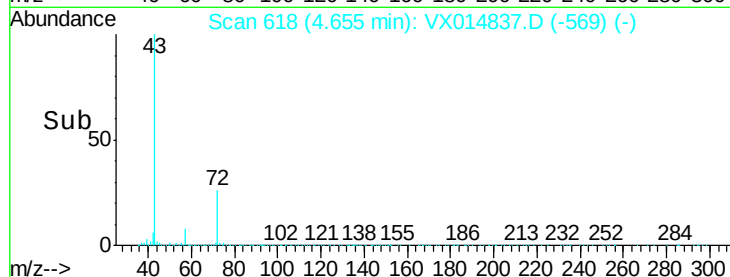
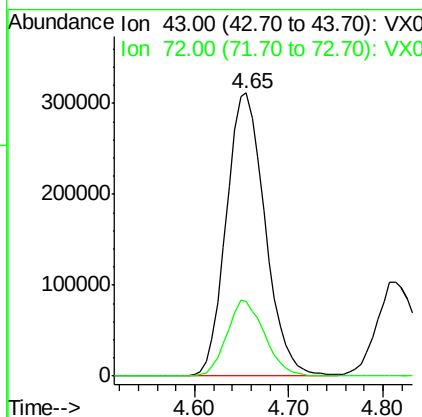
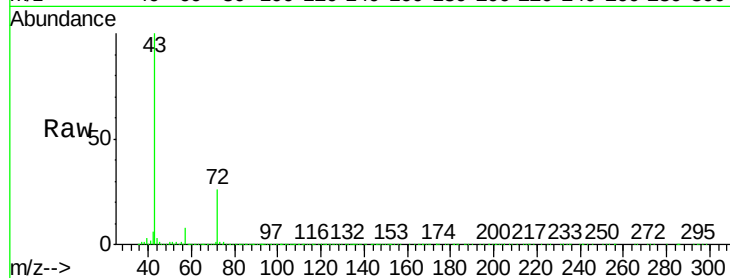
72 26.2 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014837.D

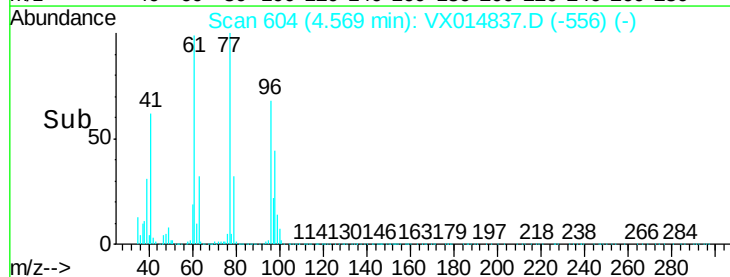
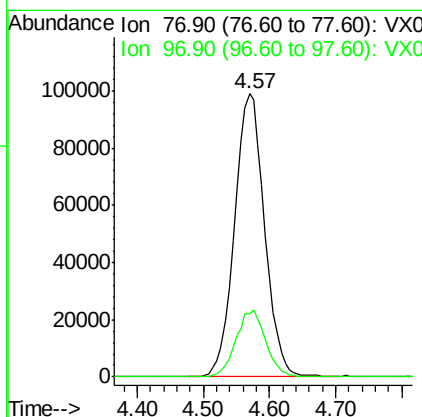
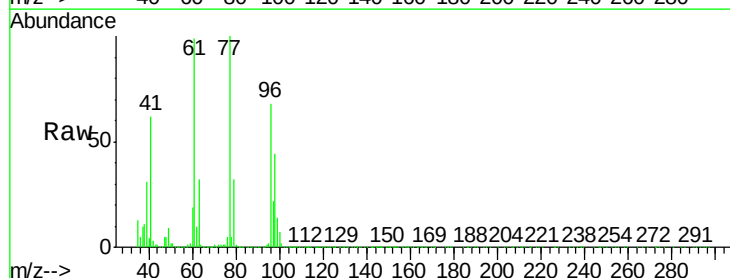
Acq: 06 Feb 2020 10:25

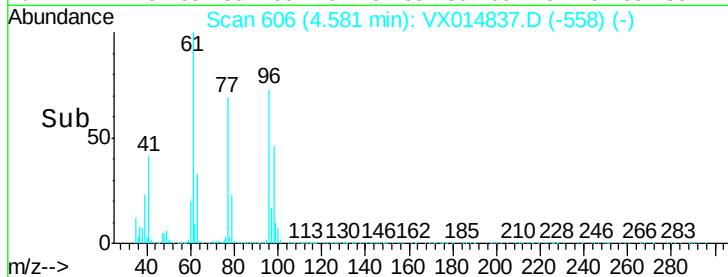
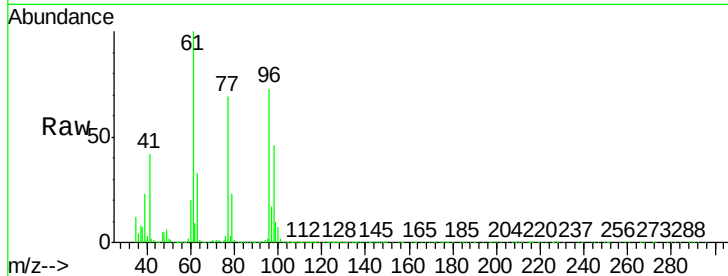
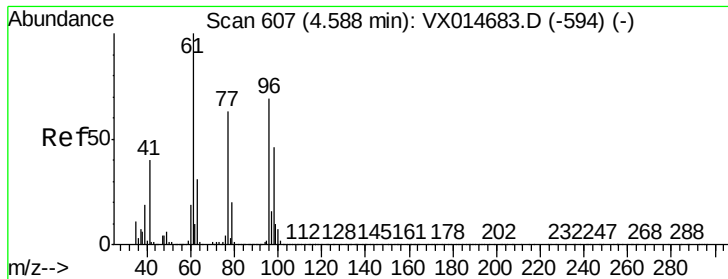
Tgt Ion: 77 Resp: 311127

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





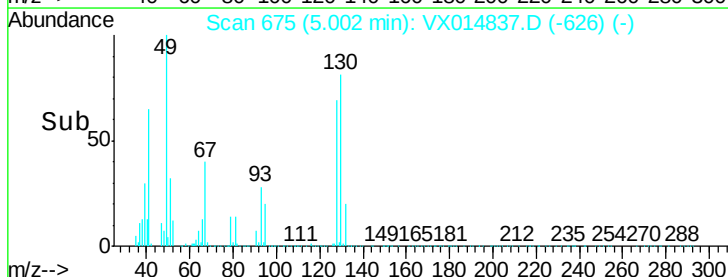
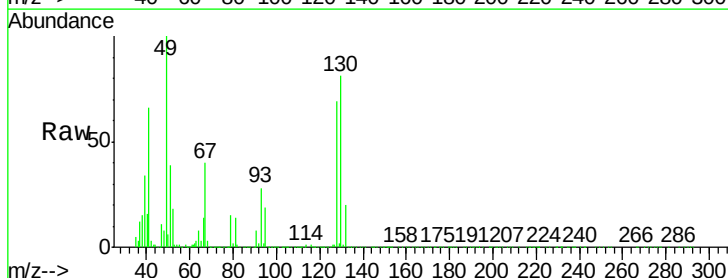
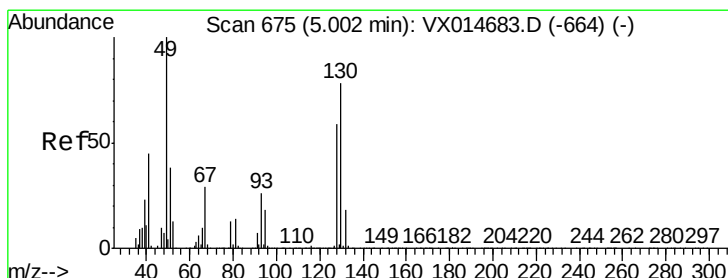
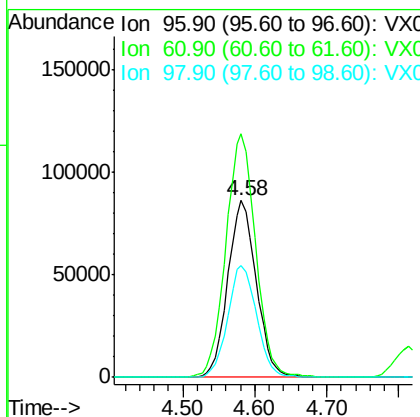
#27
 cis-1,2-Dichloroethene
 Concen: 47.751 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tot Ion	Ratio	Resp	Lower	Upper
96	100	237386		
61	142.2	0.0	291.0	
98	63.6	0.0	129.8	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

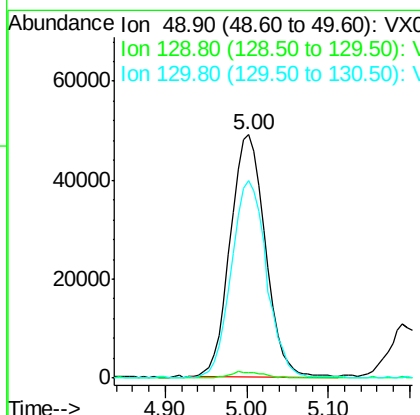
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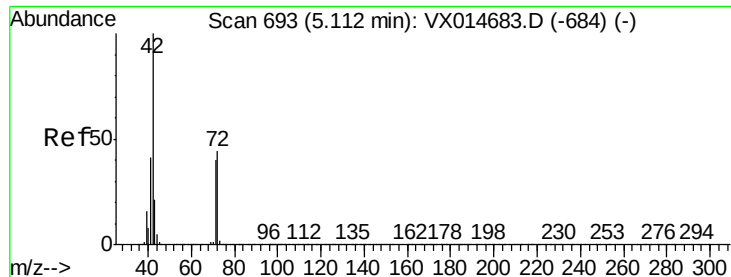
MMDadoda
 2/7/2020 11:44:34 AM



#28
 Bromochloromethane
 Concen: 42.510 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	146355		
129	2.6	0.0	4.8	
130	81.3	62.4	93.6	





#29

Tetrahydrofuran

Concen: 225.953 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

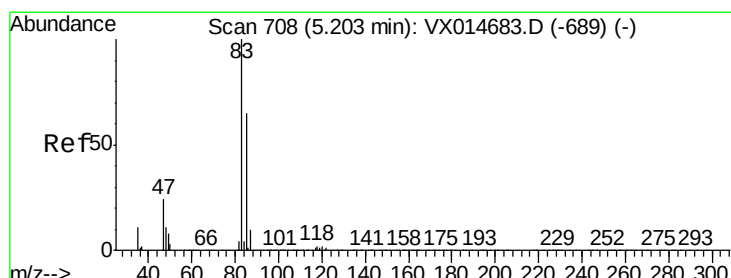
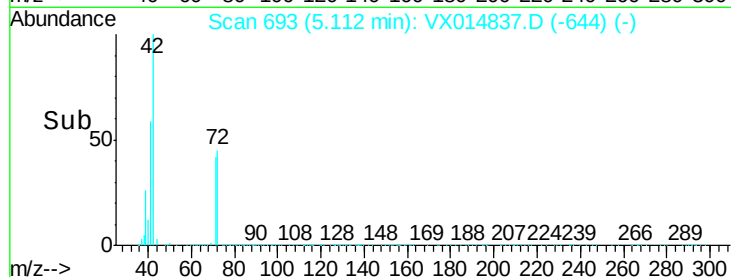
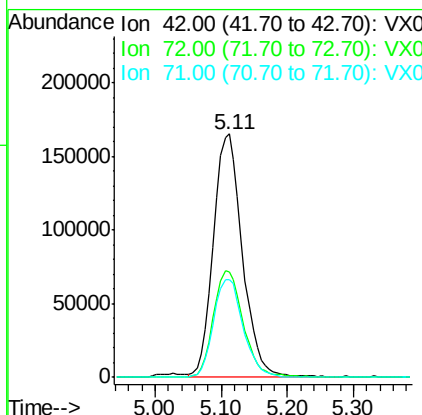
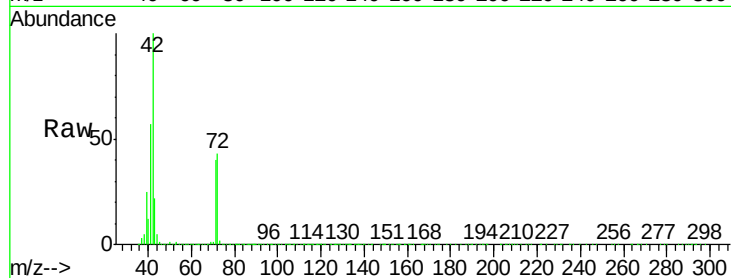
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	499042
Ion Ratio		Lower	Upper
42	100		
72	45.4	35.3	52.9
71	41.3	33.1	49.7

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#30

Chloroform

Concen: 48.687 ug/l

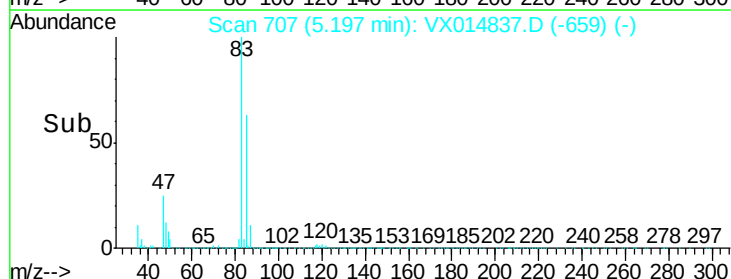
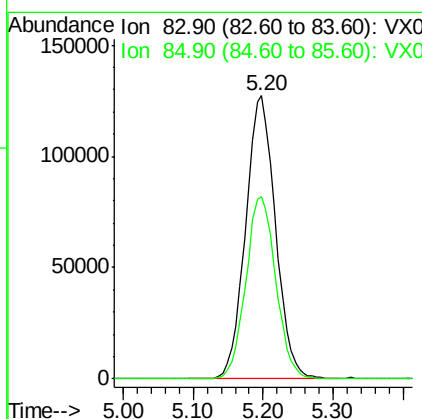
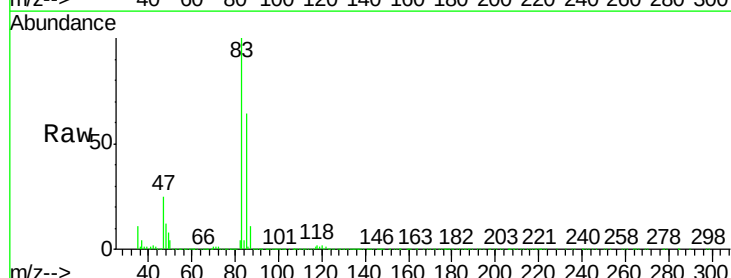
RT: 5.20 min Scan# 707

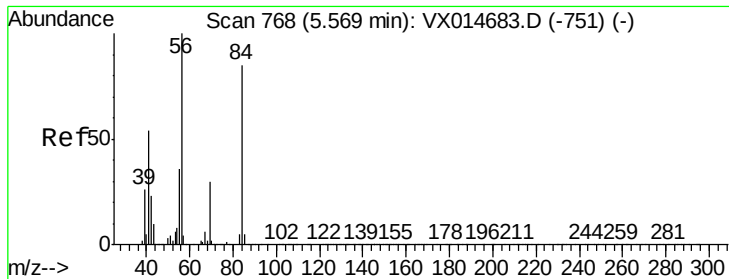
Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	83	Resp:	377867
Ion Ratio		Lower	Upper
83	100		
85	64.0	51.7	77.5





#31

Cyclohexane

Concen: 43.207 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

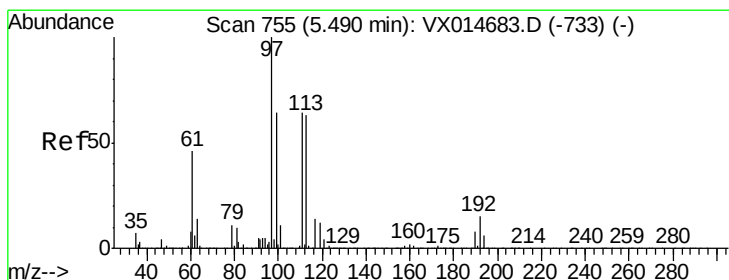
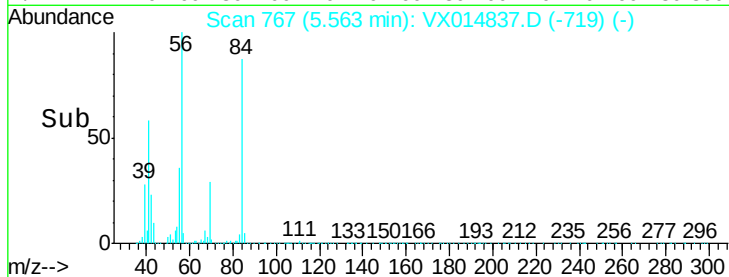
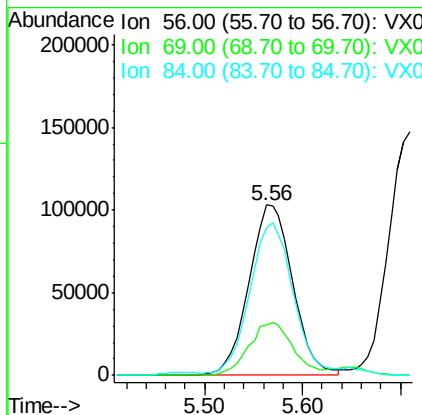
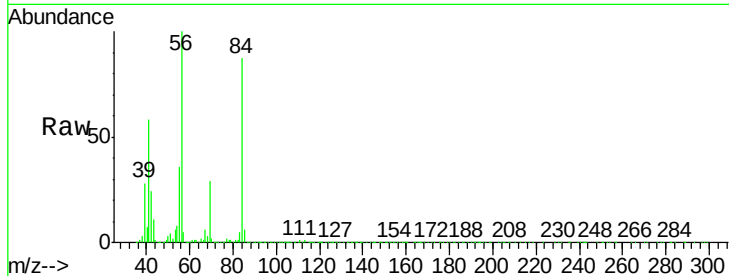
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	318385
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.4	35.2
84	85.2	68.4	102.6

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#32

1,1,1-Trichloroethane

Concen: 48.719 ug/l

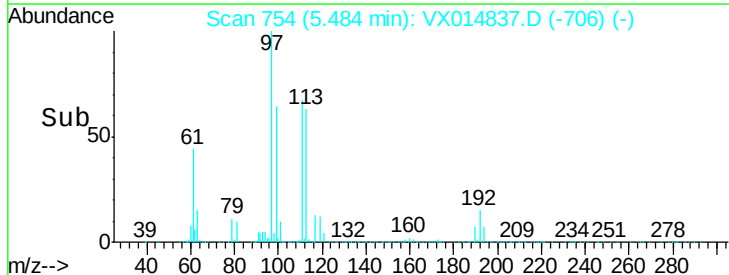
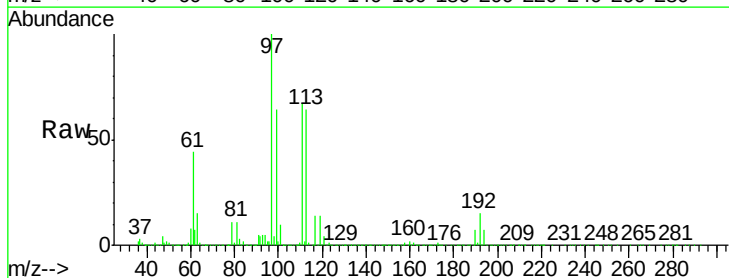
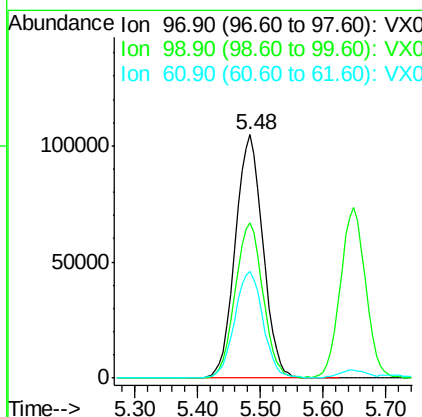
RT: 5.48 min Scan# 754

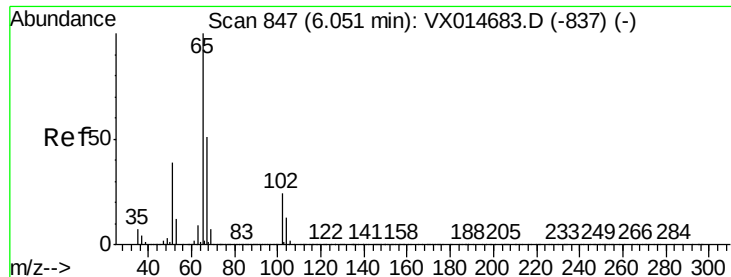
Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	97	Resp:	319611
Ion Ratio	Lower	Upper	
97	100		
99	64.0	52.3	78.5
61	44.5	37.2	55.8





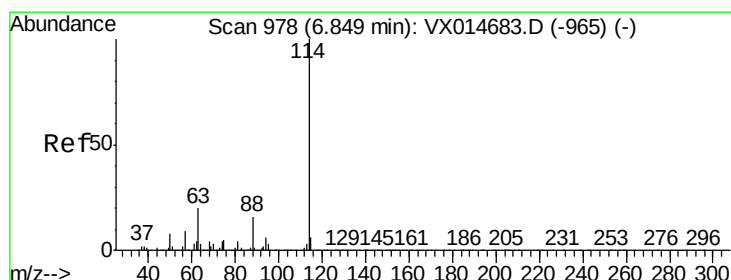
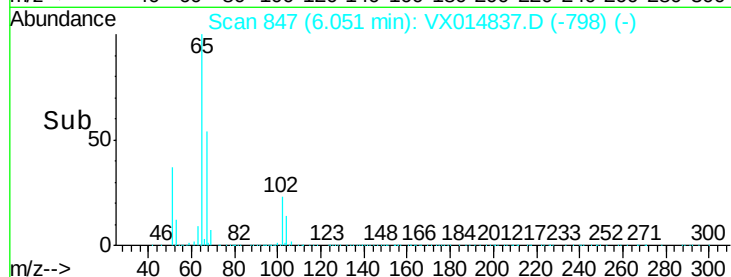
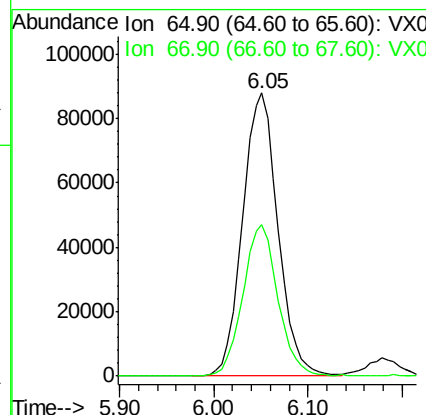
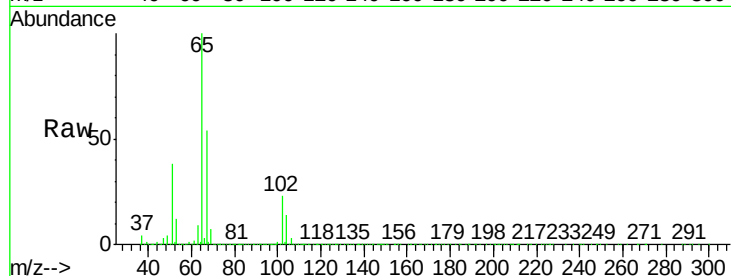
#33
 1,2-Dichloroethane-d4
 Concen: 48.381 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	229275		
67	52.7	0.0	107.4	

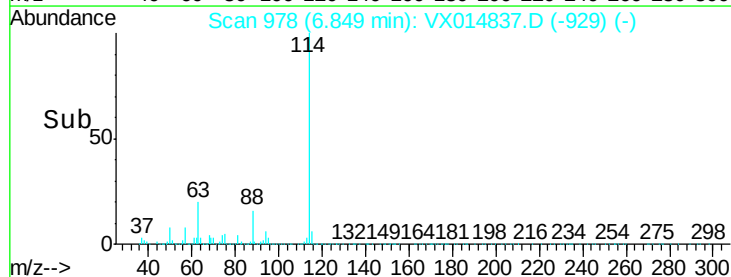
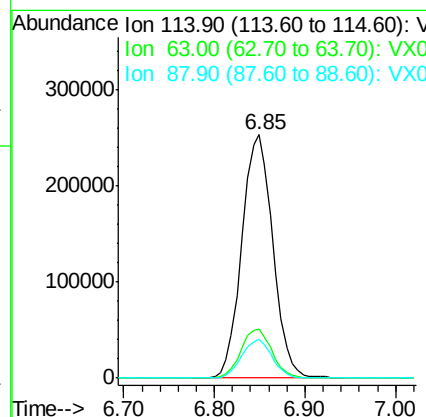
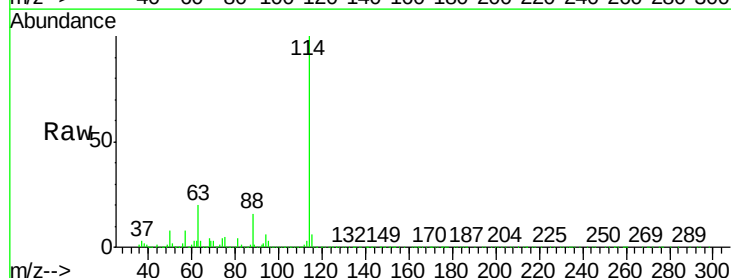
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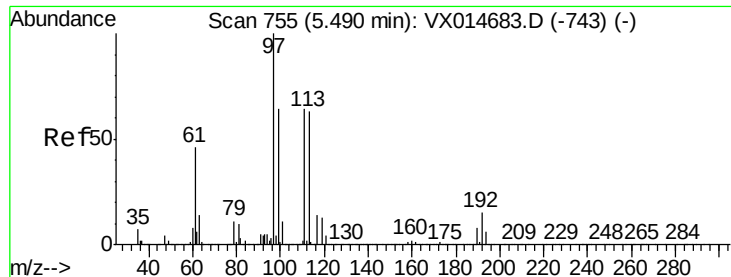
MMDadoda
 2/7/2020 11:44:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	598499		
63	20.3	0.0	40.6	
88	15.6	0.0	31.2	





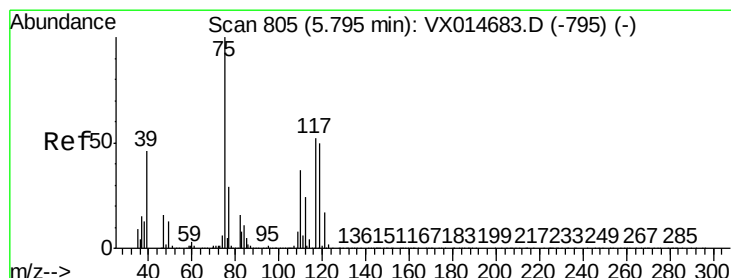
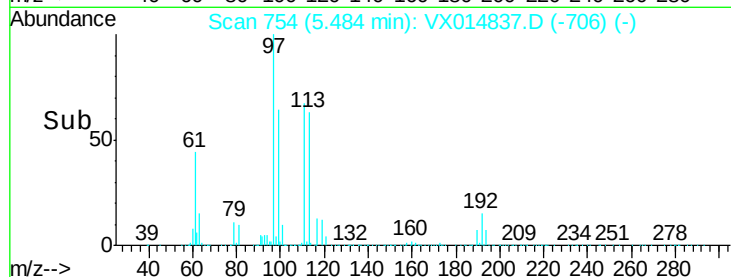
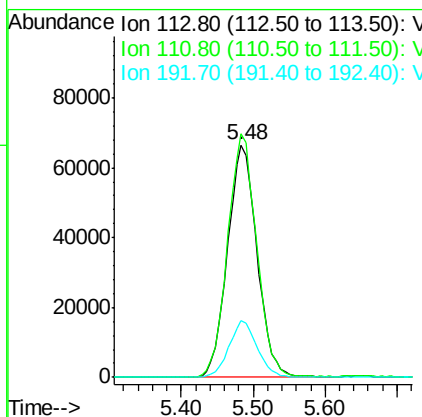
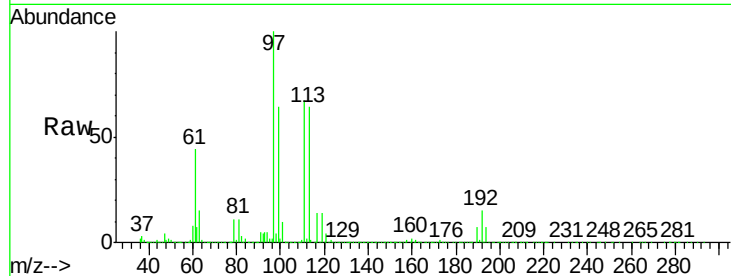
#35
 Dibromofluoromethane
 Concen: 49.767 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.7	121.1
192	23.1	18.5	27.7

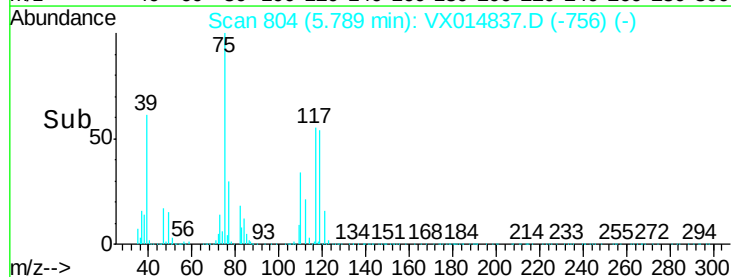
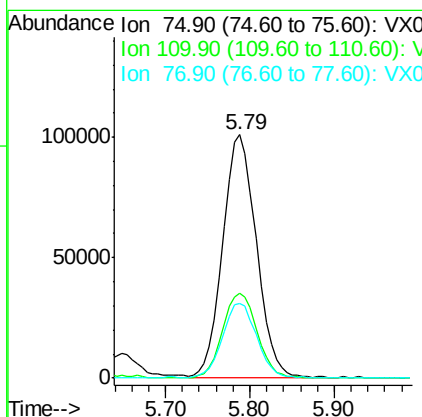
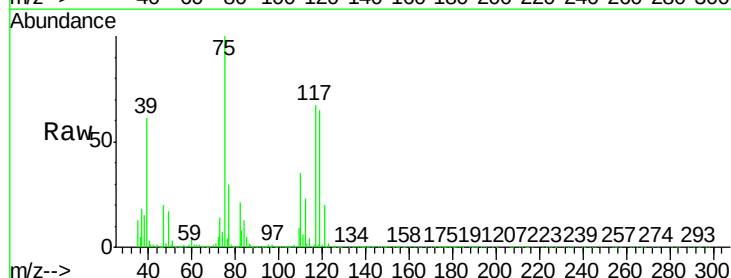
Manual Integrations
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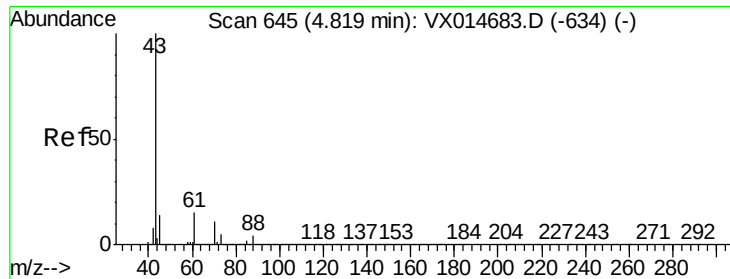
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 49.167 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.7
77	31.0	24.1	36.1





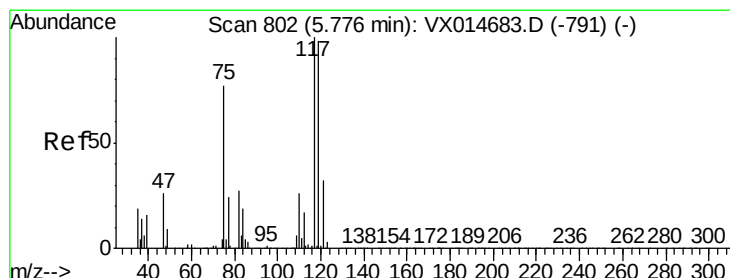
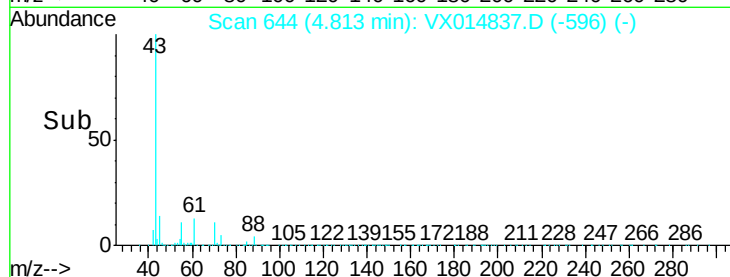
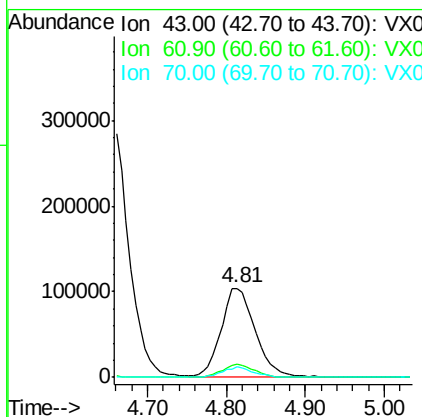
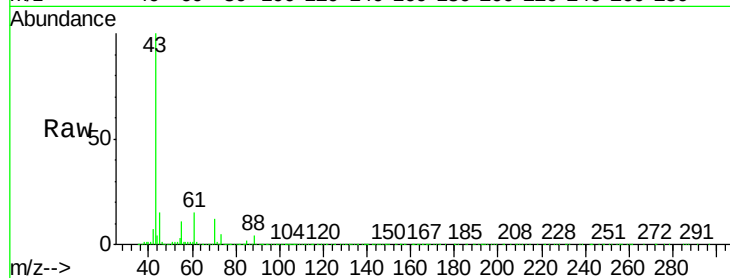
#37
Ethyl Acetate
Concen: 48.374 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	308119
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.0	16.4
70	10.4	8.5	12.7

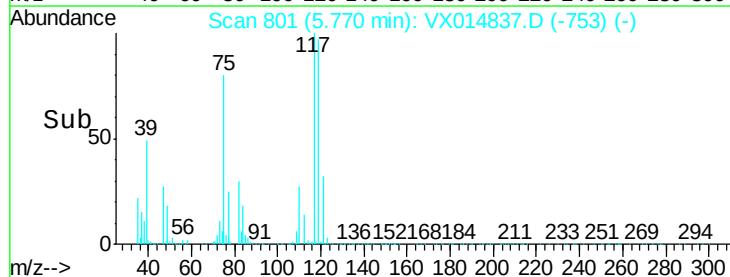
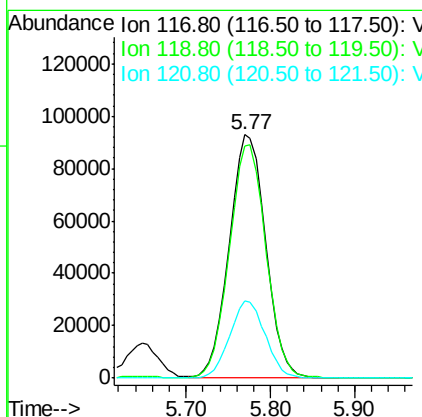
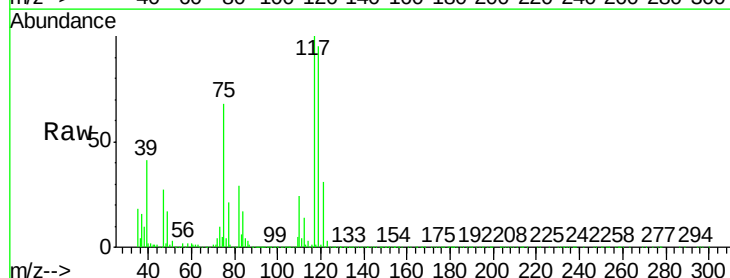
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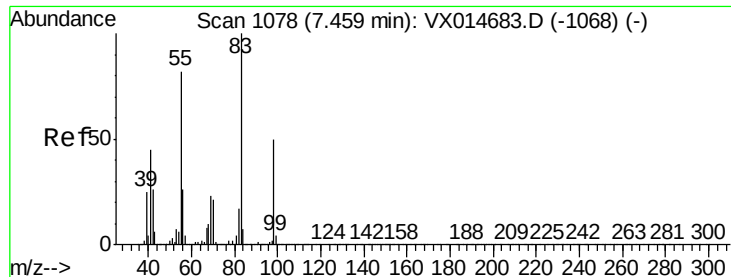
MMDadoda
2/7/2020 11:44:34 AM



#38
Carbon Tetrachloride
Concen: 50.996 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	117	Resp	270851
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.9	116.9
121	31.5	25.4	38.2





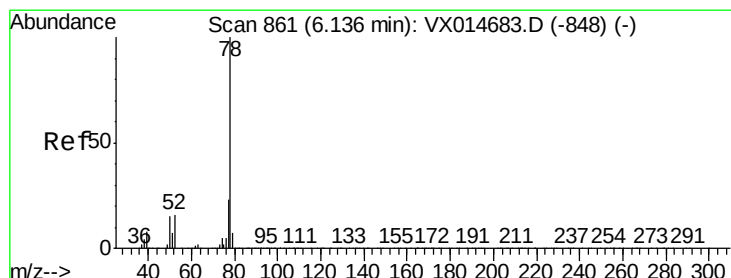
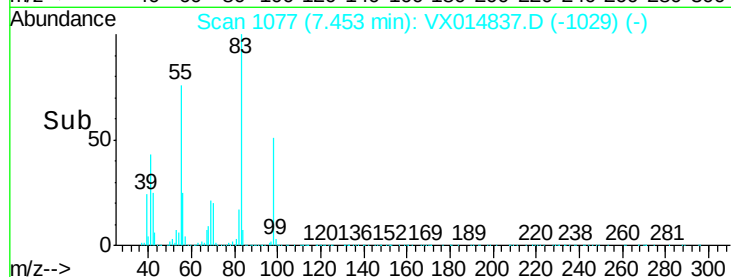
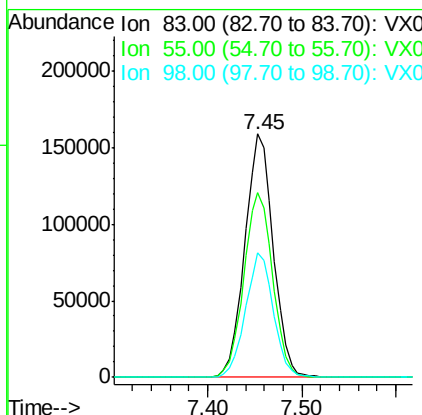
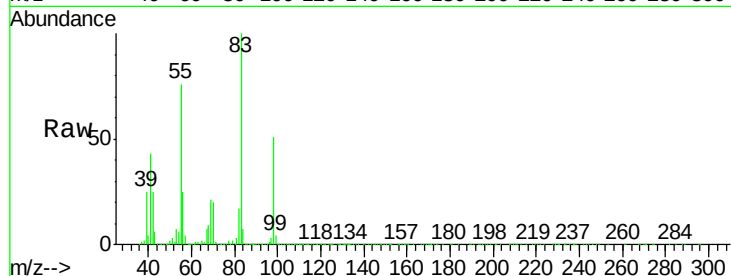
#39
Methylvlcyclohexane
Concen: 48.140 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	65.6	98.4	
98	51.0	40.2	60.4	

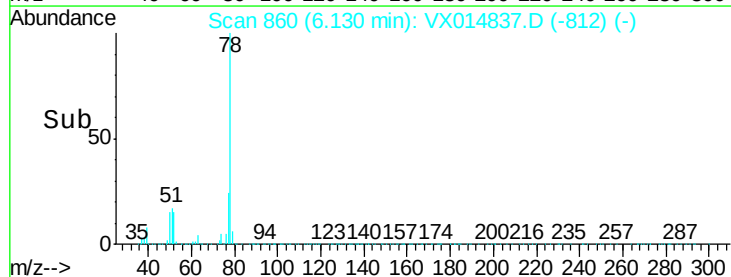
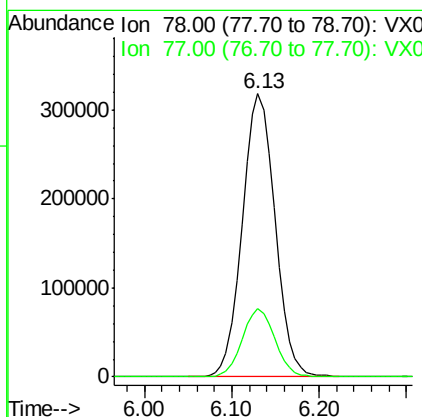
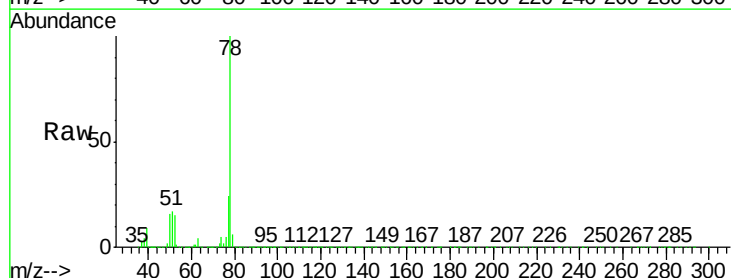
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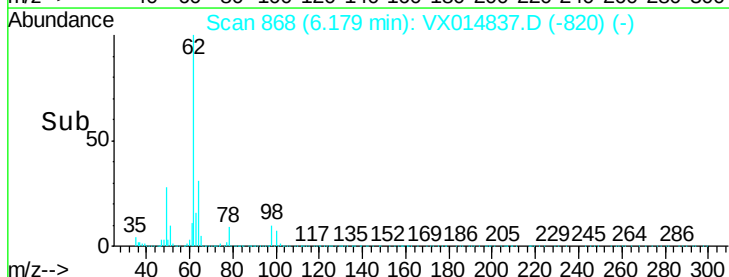
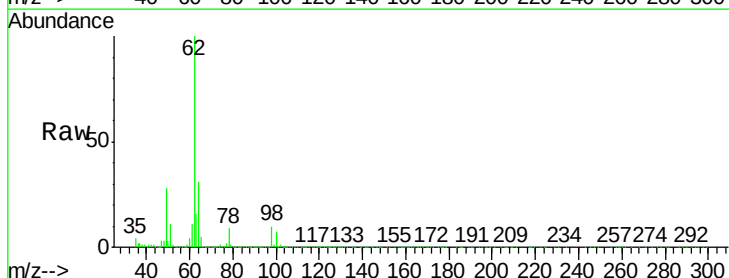
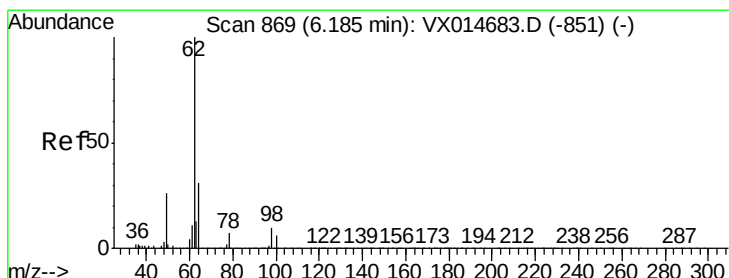
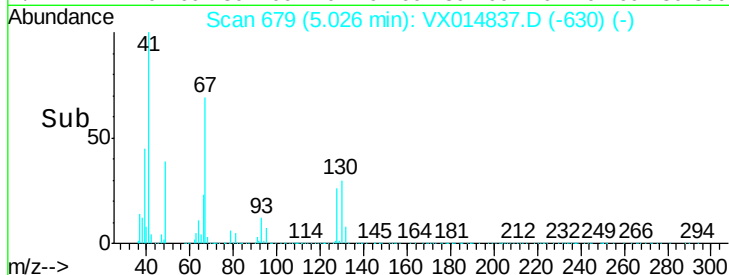
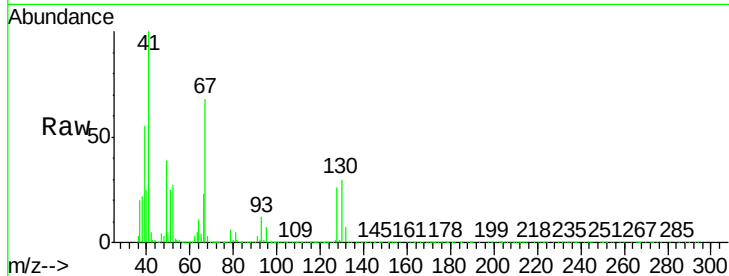
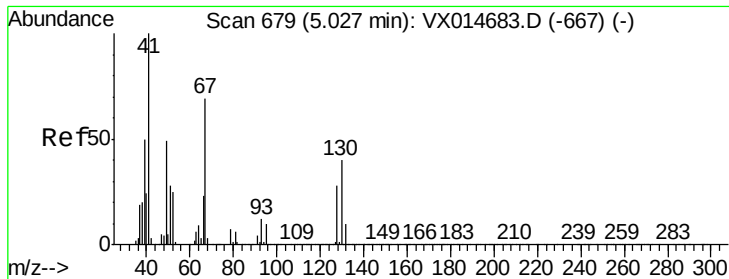
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#40
Benzene
Concen: 48.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

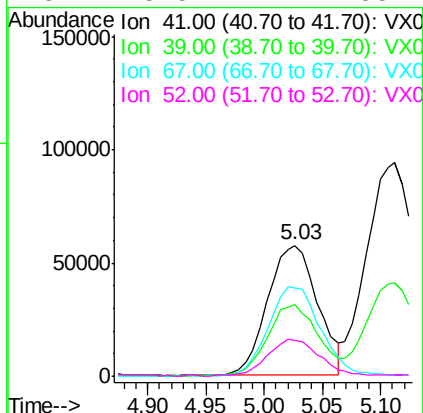
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.7	28.1	





#41
Methacrylonitrile
Concen: 47.208 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	54.2	42.2	63.2	
67	72.3	55.4	83.0	
52	28.5	22.1	33.1	



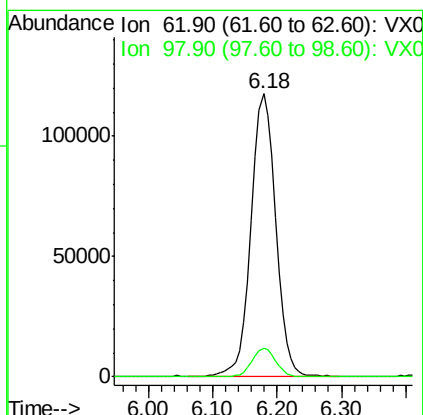
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

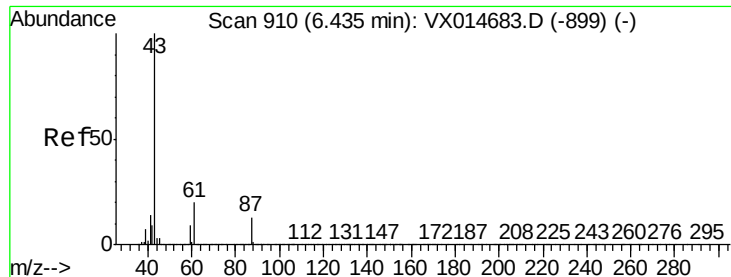
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#42
1,2-Dichloroethane
Concen: 52.313 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	9.6	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.153 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

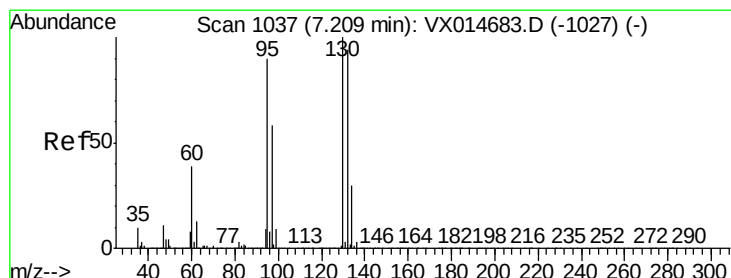
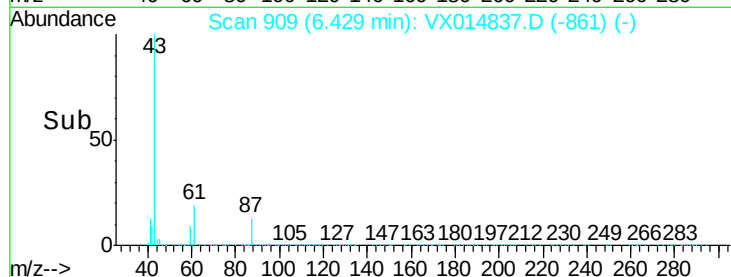
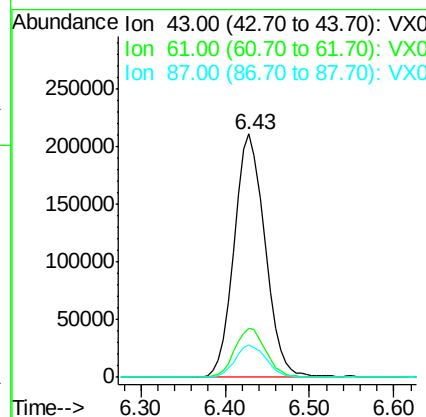
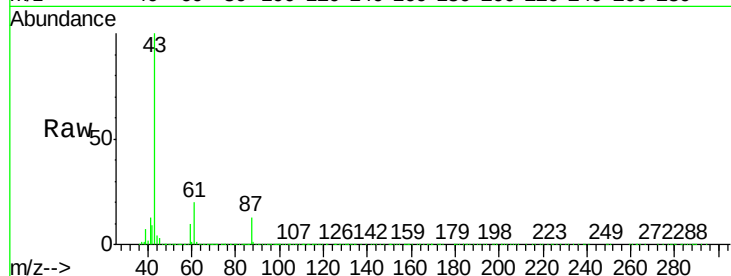
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	523114
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.2	10.5	15.7

Manual Integrations
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MMDadoda
2/7/2020 11:44:34 AM



#44

Trichloroethene

Concen: 48.190 ug/l

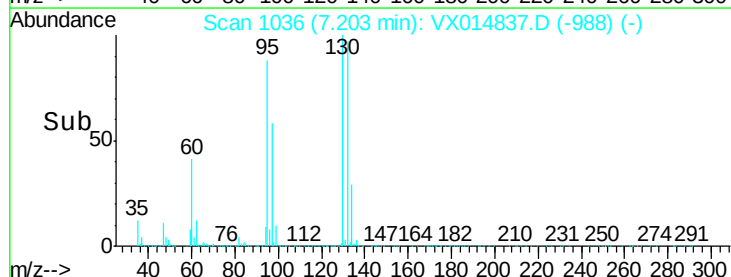
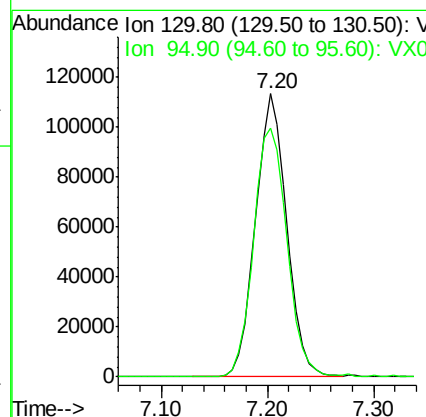
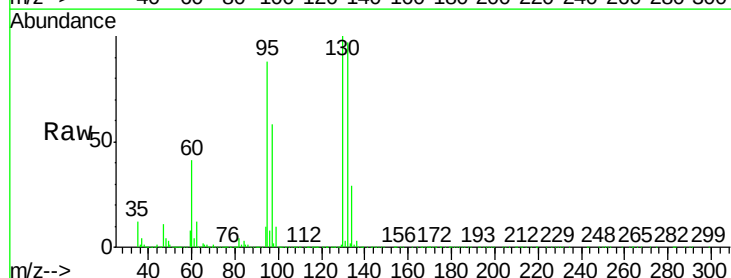
RT: 7.20 min Scan# 1036

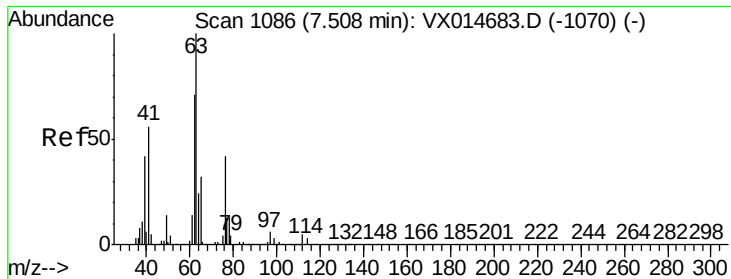
Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	130	Resp:	233895
Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	179.8





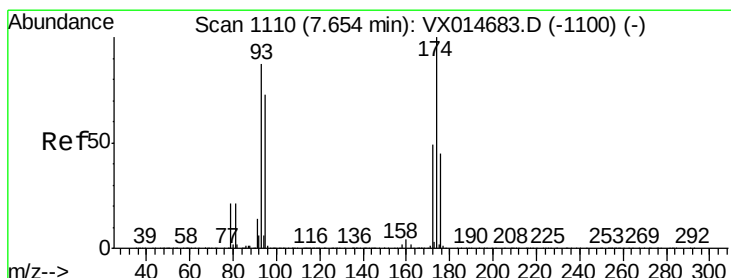
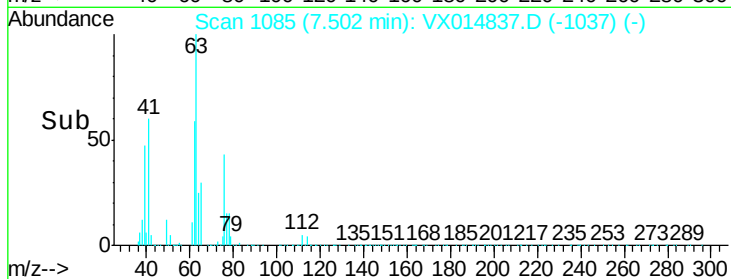
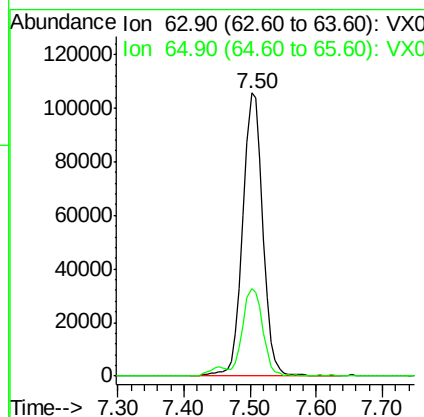
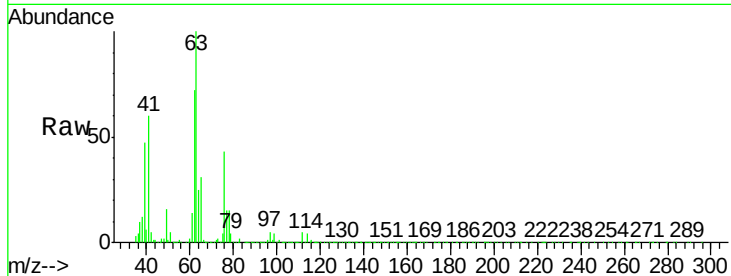
#45
 1,2-Dichloropropane
 Concen: 49.897 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.2	37.8

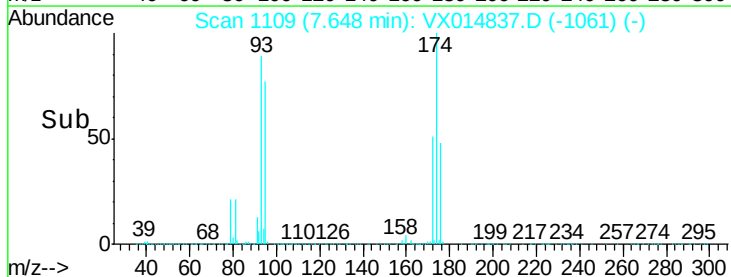
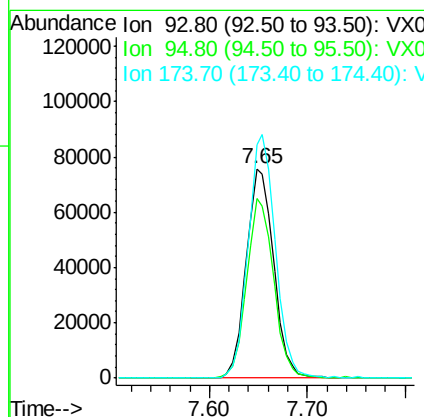
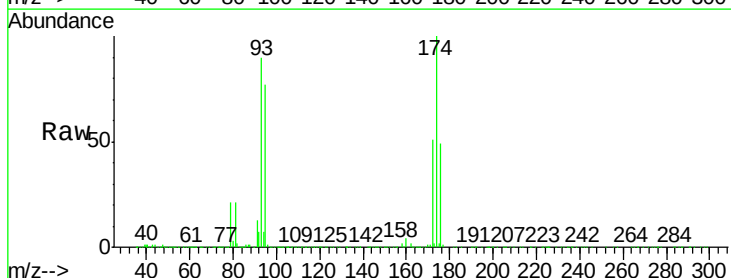
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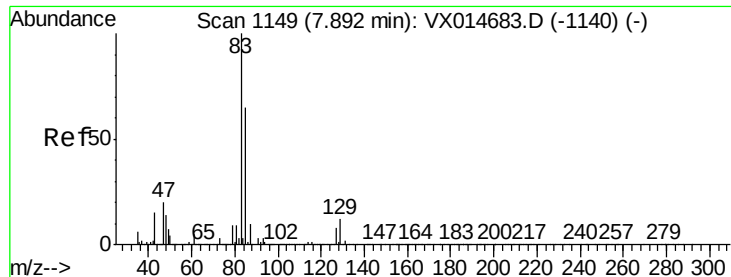
MMDadoda
 2/7/2020 11:44:34 AM



#46
 Dibromomethane
 Concen: 51.513 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.0	100.4
174	114.6	90.2	135.2





#47

Bromodichloromethane

Concen: 52.838 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

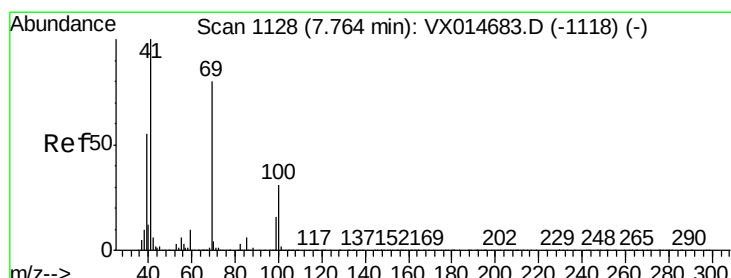
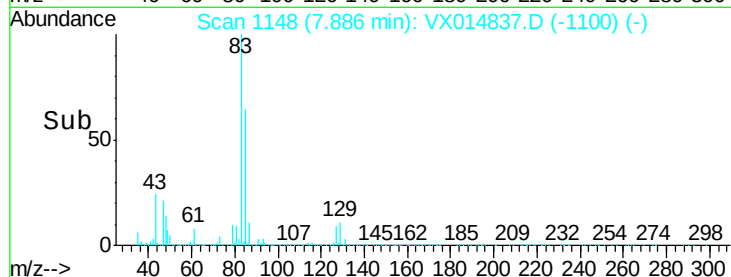
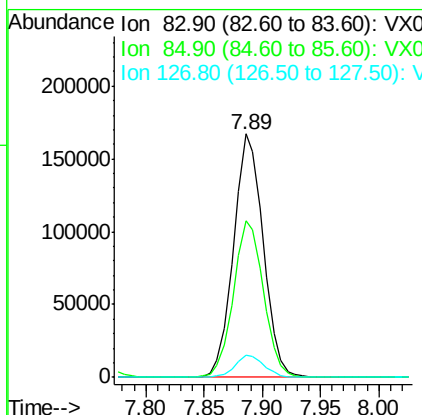
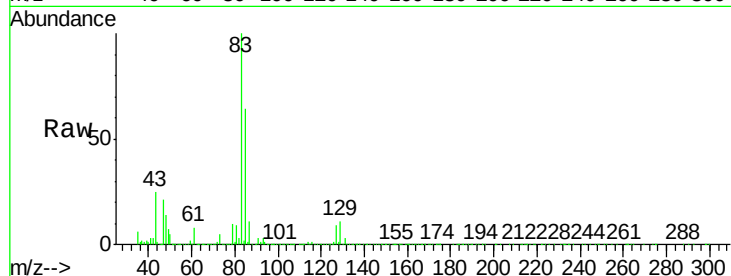
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	297115
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.2	78.2
127	8.8	6.4	9.6

Manual Integrations
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MMDadoda
2/7/2020 11:44:34 AM



#48

Methyl methacrylate

Concen: 51.393 ug/l

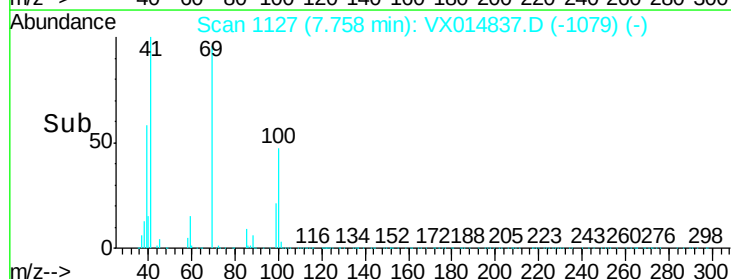
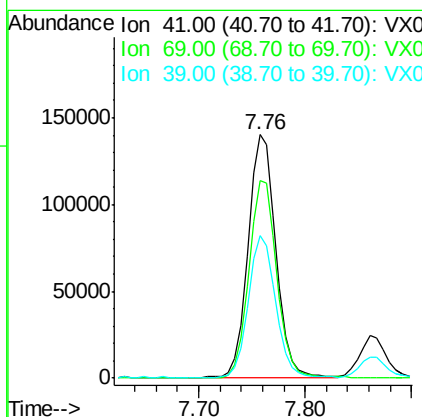
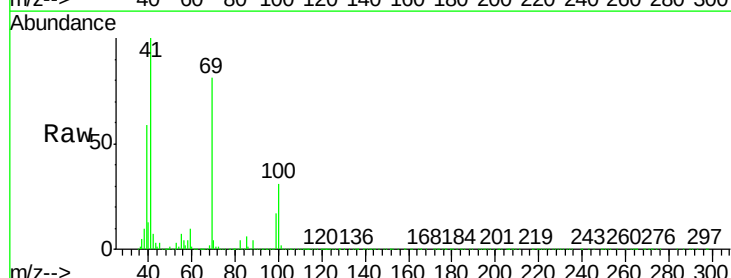
RT: 7.76 min Scan# 1127

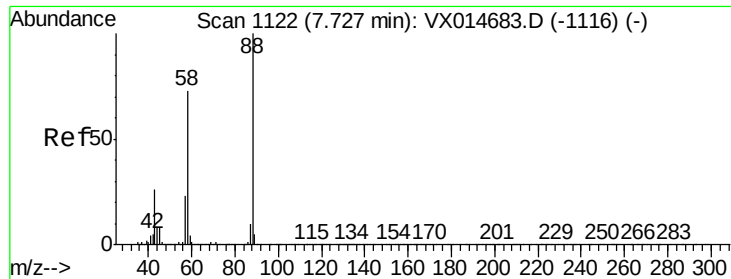
Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	41	Resp:	256121
Ion Ratio	Lower	Upper	
41	100		
69	81.3	63.5	95.3
39	57.5	43.7	65.5





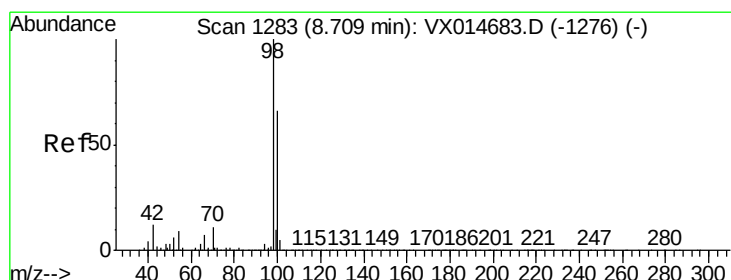
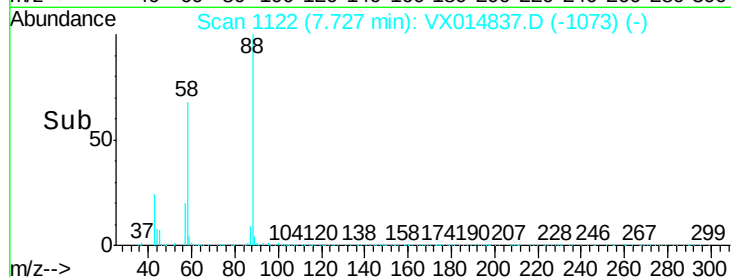
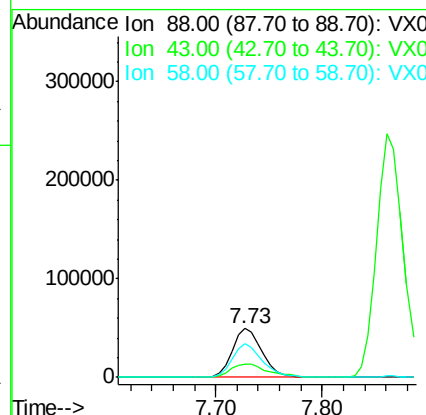
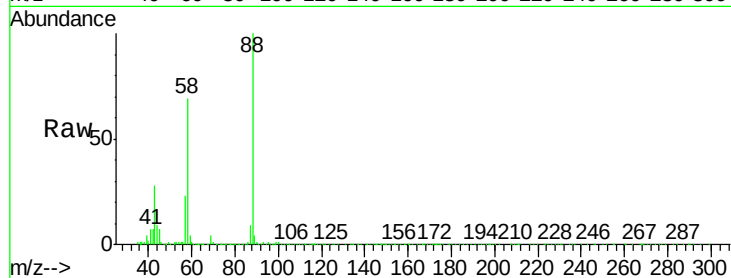
#49
1,4-Dioxane
Concen: 910.974 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.2	39.2
58	69.2	56.6	85.0

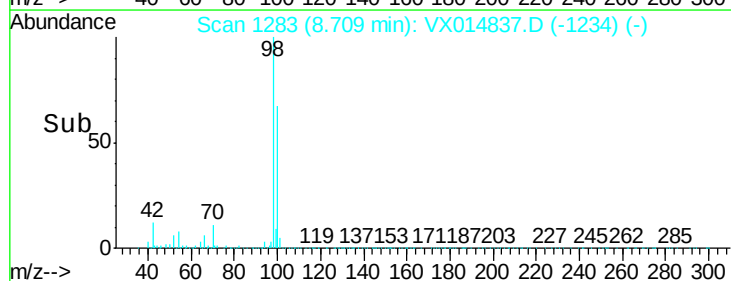
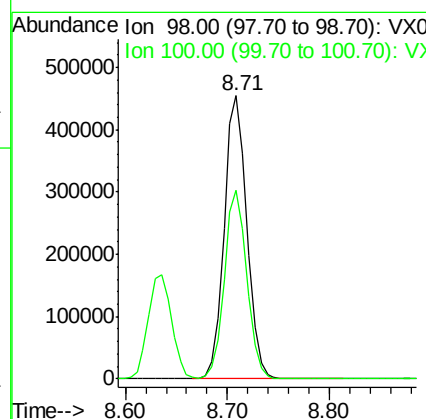
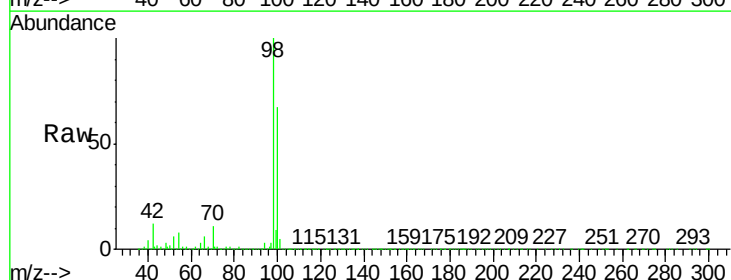
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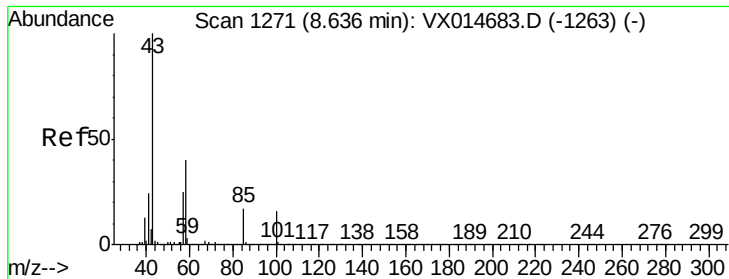
MMDadoda
2/7/2020 11:44:34 AM



#50
Toluene-d8
Concen: 48.311 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 242.503 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1596425

Ion Ratio Lower Upper

43 100

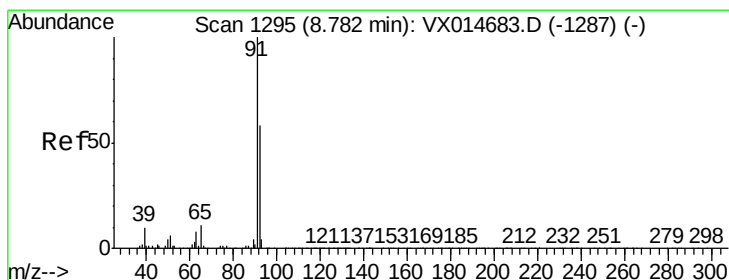
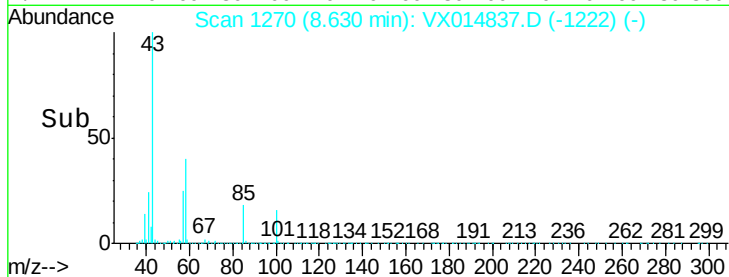
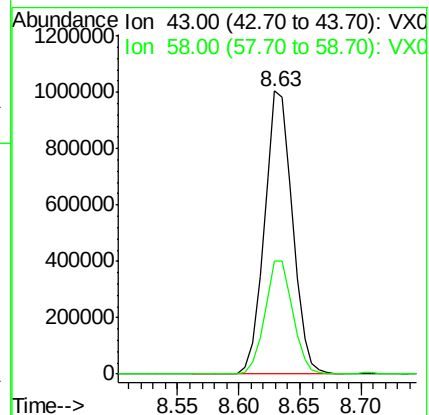
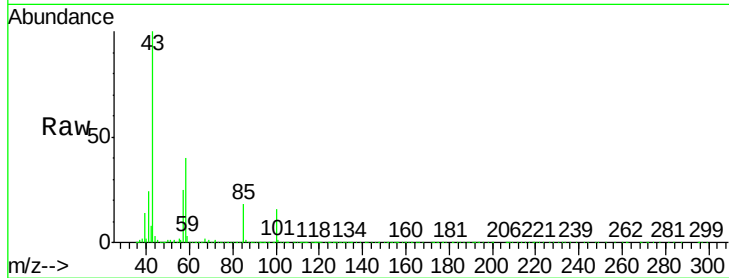
58 39.9 31.6 47.4

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#52

Toluene

Concen: 50.303 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014837.D

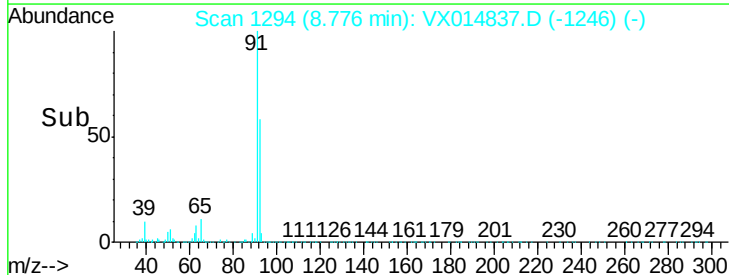
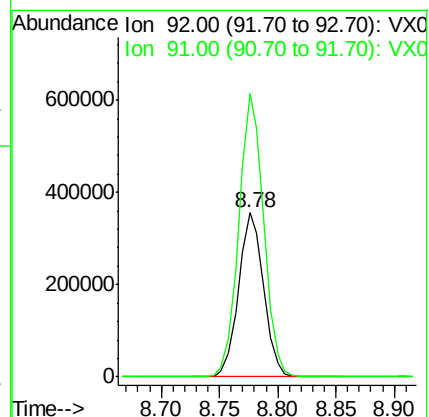
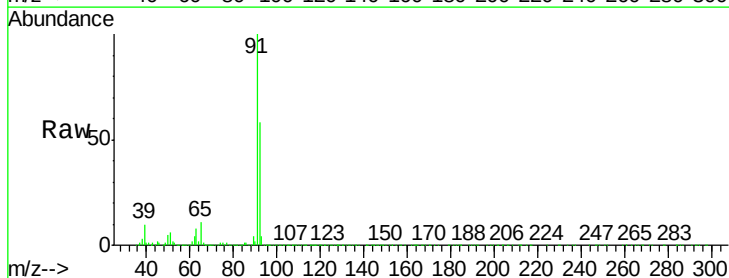
Acq: 06 Feb 2020 10:25

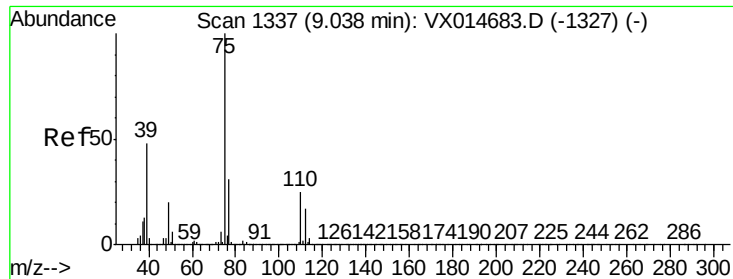
Tgt Ion: 92 Resp: 531325

Ion Ratio Lower Upper

92 100

91 171.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 54.892 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 332358

Ion Ratio Lower Upper

75 100

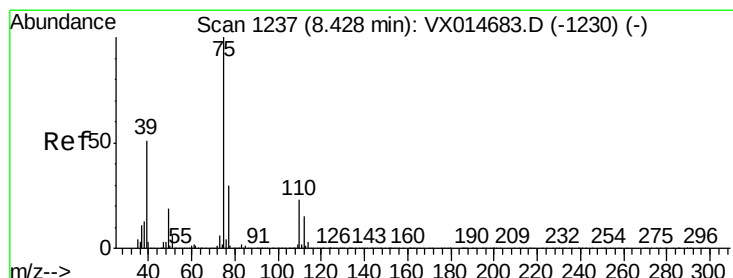
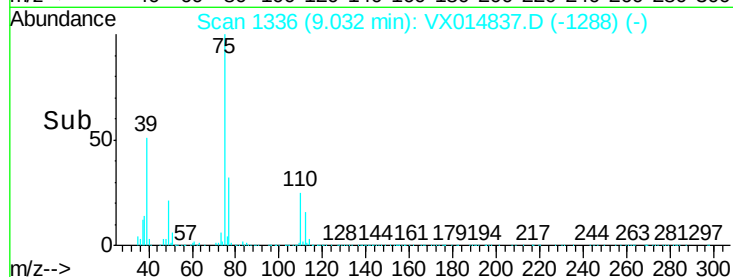
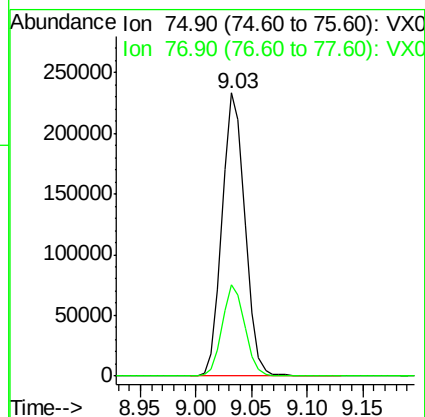
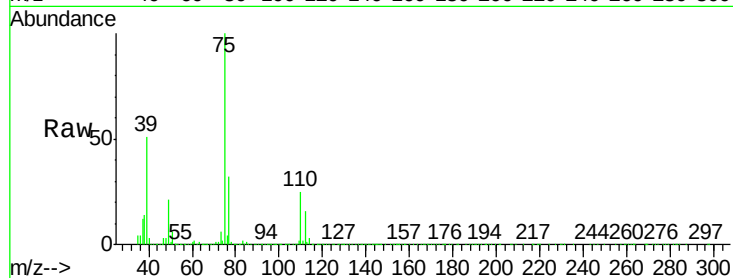
77 32.1 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.353 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

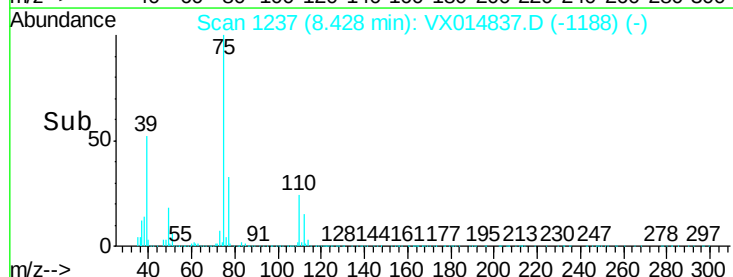
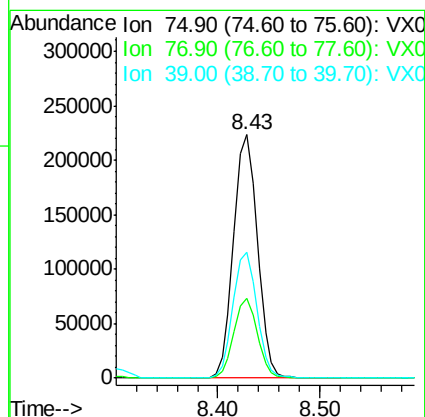
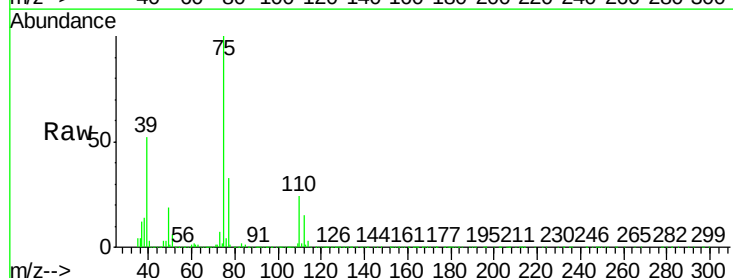
Tgt Ion: 75 Resp: 362037

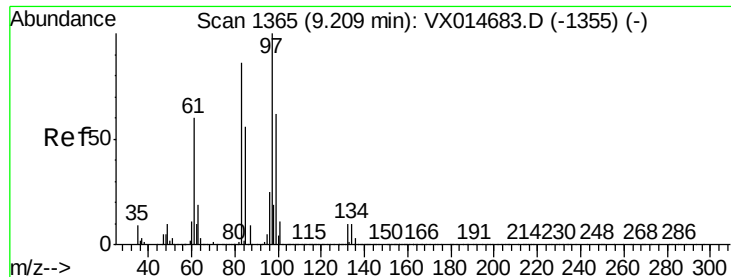
Ion Ratio Lower Upper

75 100

77 32.5 23.9 35.9

39 51.9 40.9 61.3





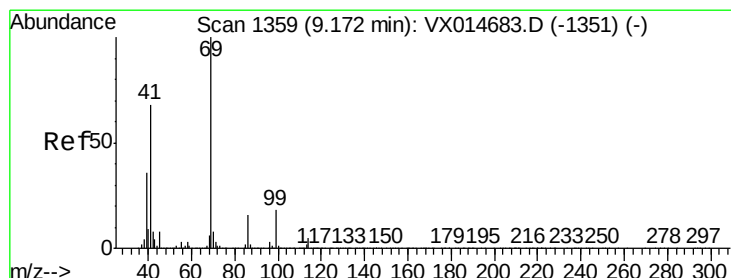
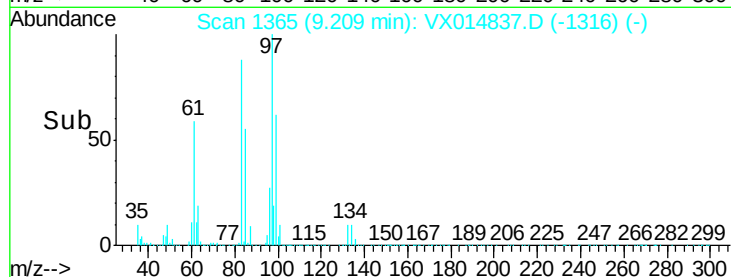
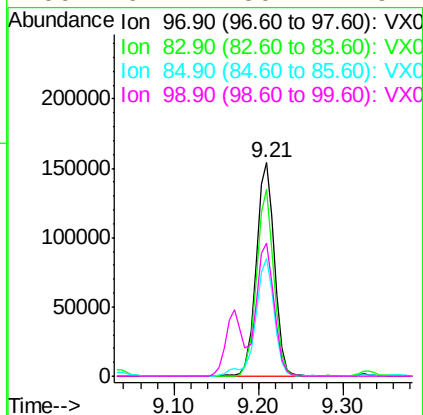
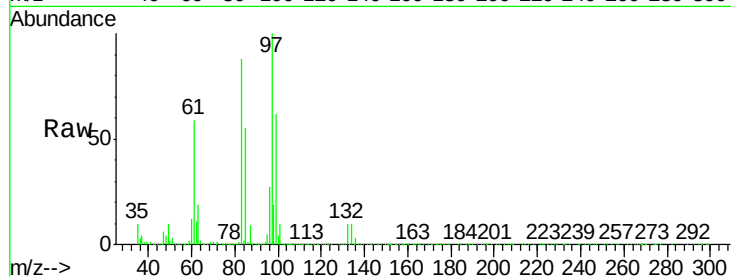
#55
 1,1,2-Trichloroethane
 Concen: 52.703 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		227915		
83	87.7	69.2	103.8		
85	54.9	44.6	67.0		
99	62.4	50.1	75.1		

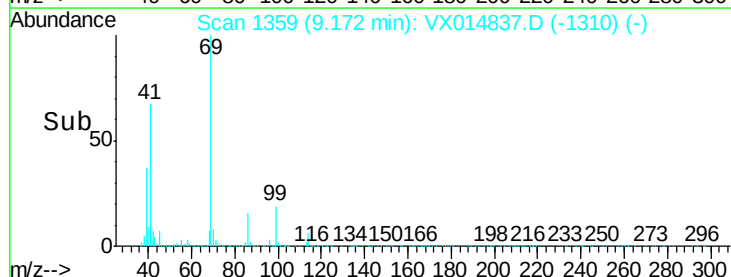
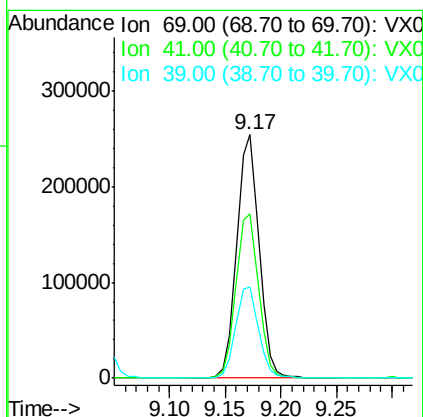
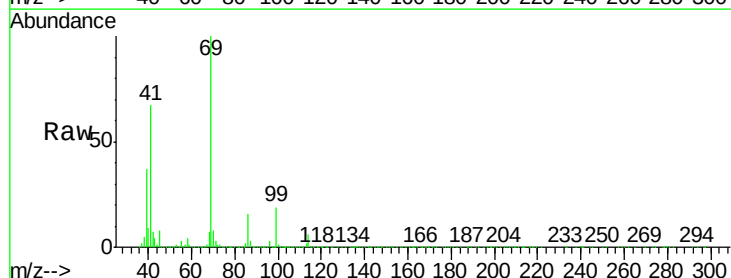
Manual Integrations
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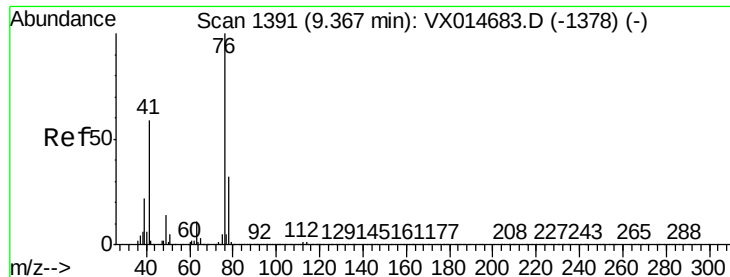
MMDadoda
 2/7/2020 11:44:34 AM



#56
 Ethyl methacrylate
 Concen: 48.109 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		352195		
41	69.0	54.9	82.3		
39	38.5	29.3	43.9		





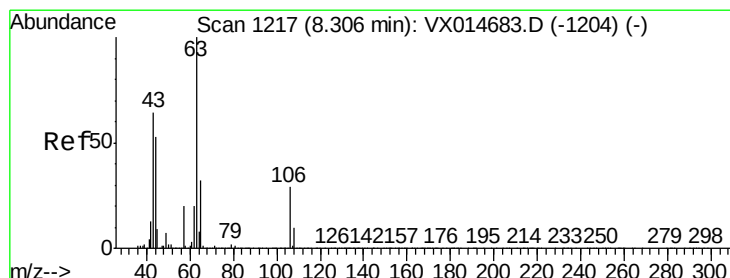
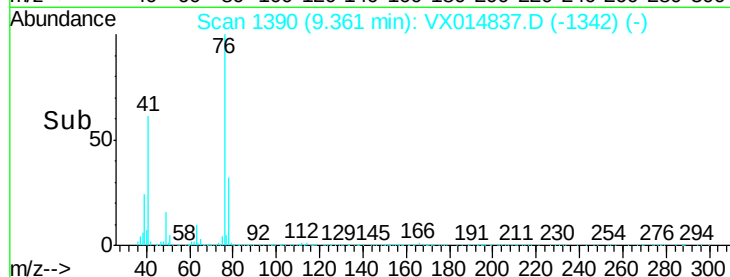
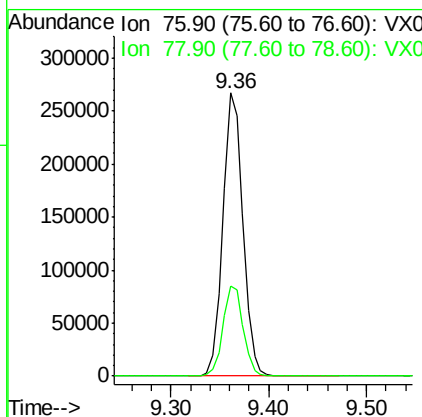
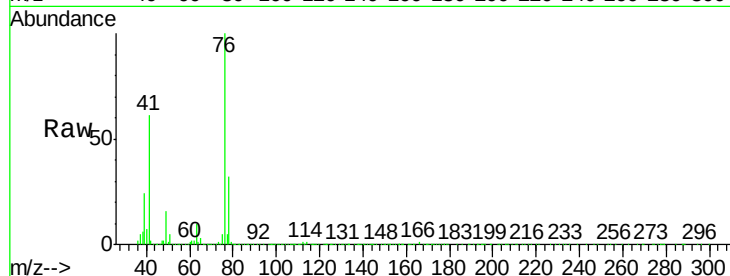
#57
 1,3-Dichloropropane
 Concen: 51.415 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 380095
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0

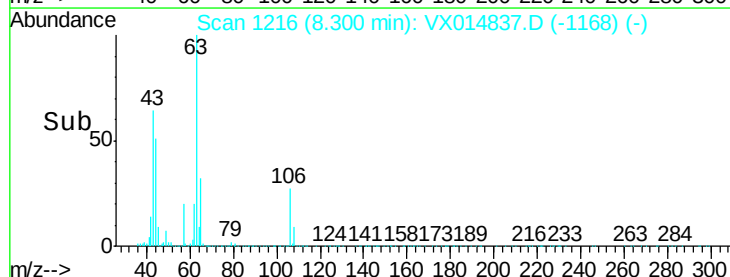
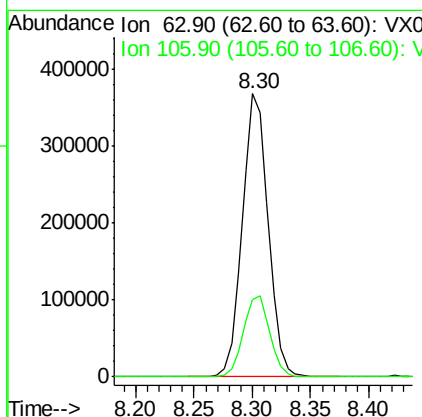
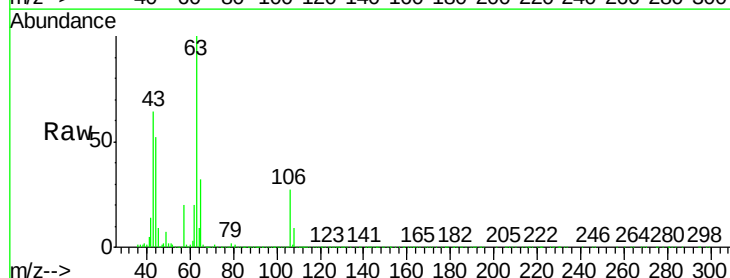
Manual Integrations
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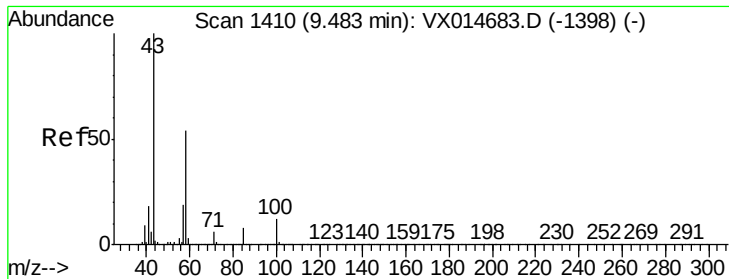
MMDadoda
 2/7/2020 11:44:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.313 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion: 63 Resp: 570492
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.7 34.1





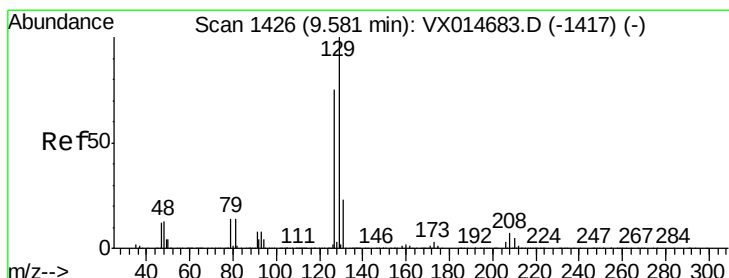
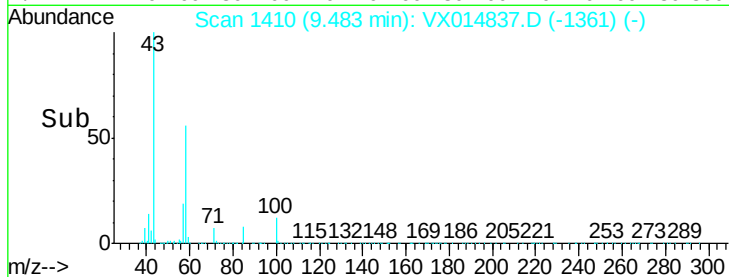
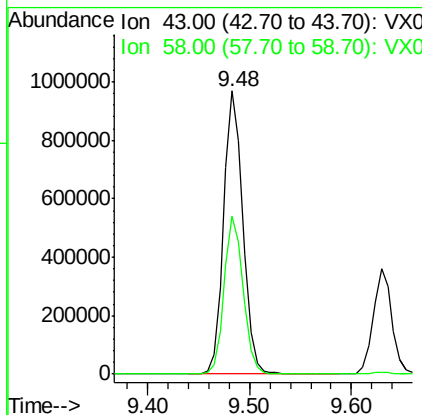
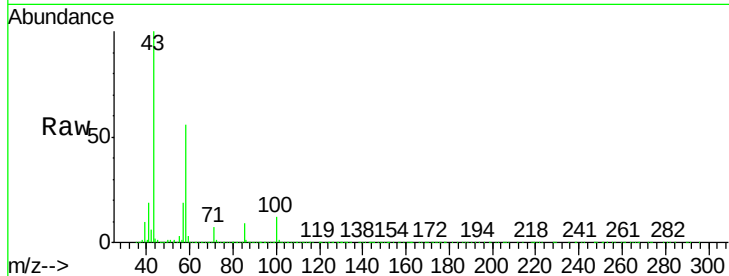
#59
2-Hexanone
Concen: 248.565 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1269767
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.5

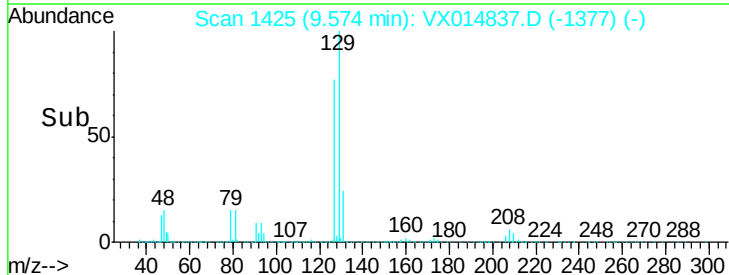
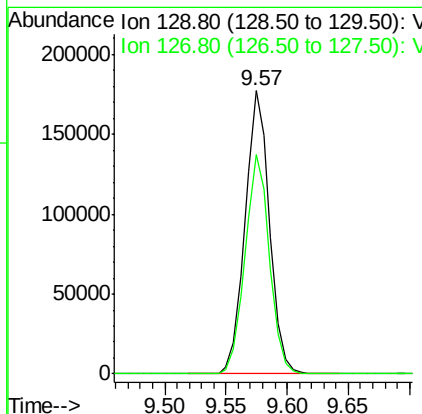
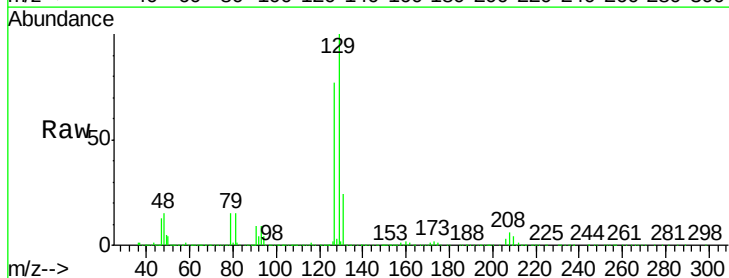
Manual Integrations
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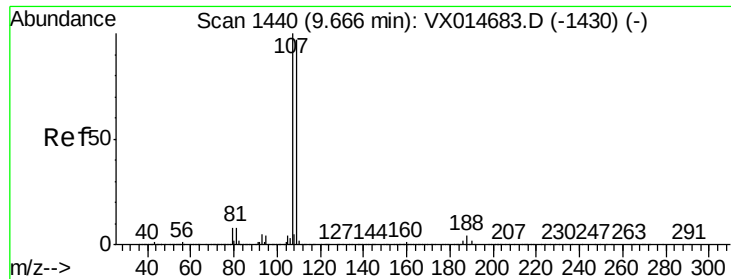
MMDadoda
2/7/2020 11:44:34 AM



#60
Dibromochloromethane
Concen: 54.220 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion: 129 Resp: 244746
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.176 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 233993

Ion Ratio Lower Upper

107 100

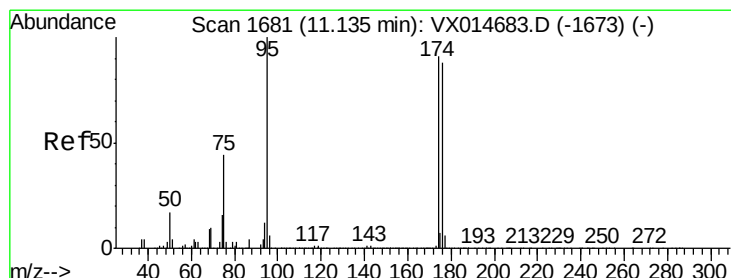
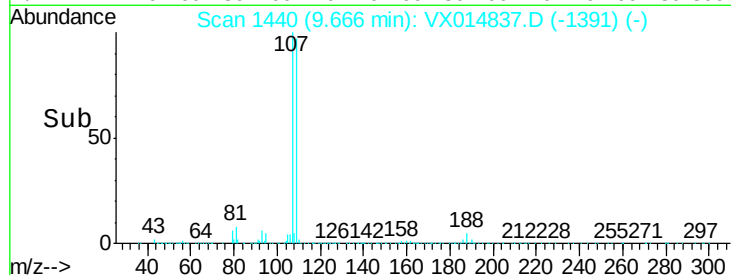
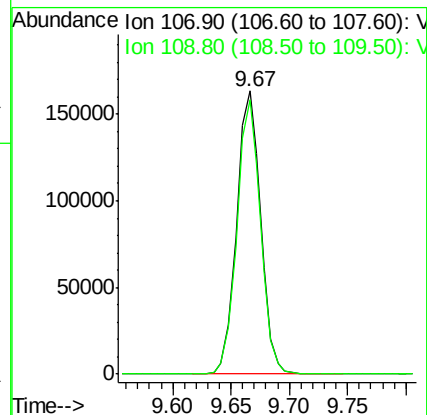
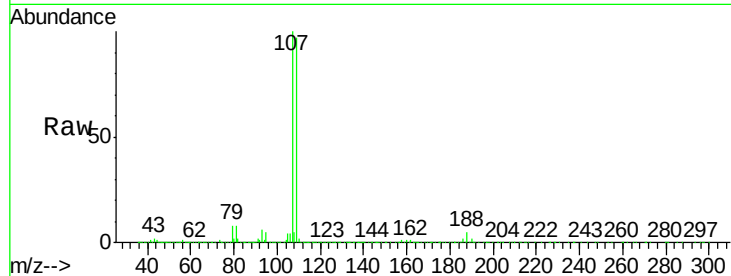
109 95.4 76.2 114.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.426 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

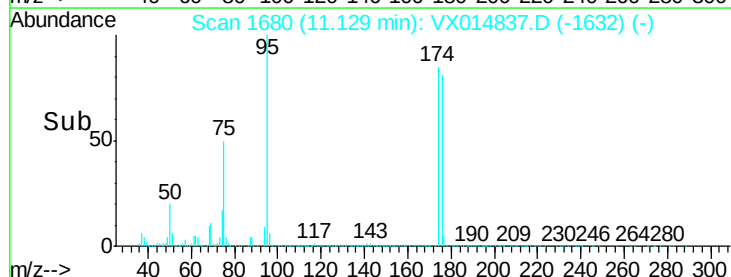
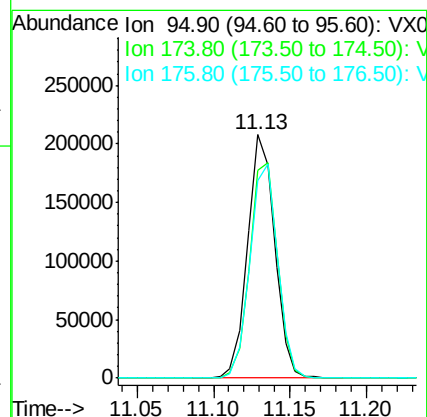
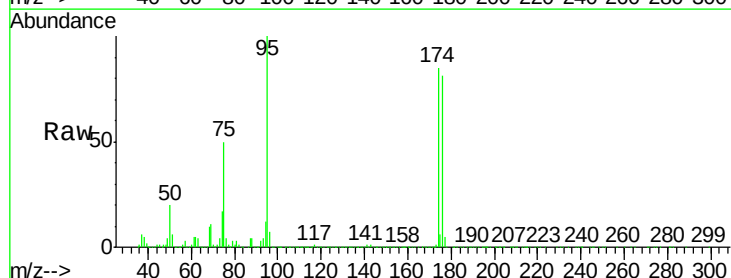
Tgt Ion: 95 Resp: 255618

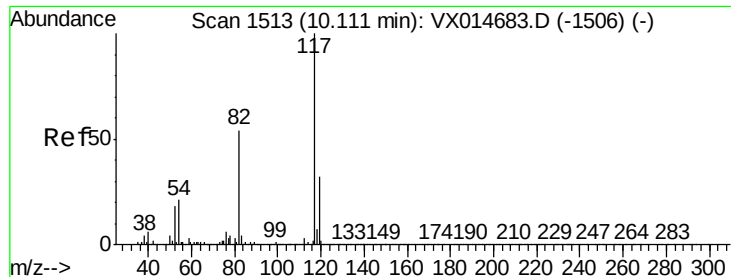
Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.0

176 90.3 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

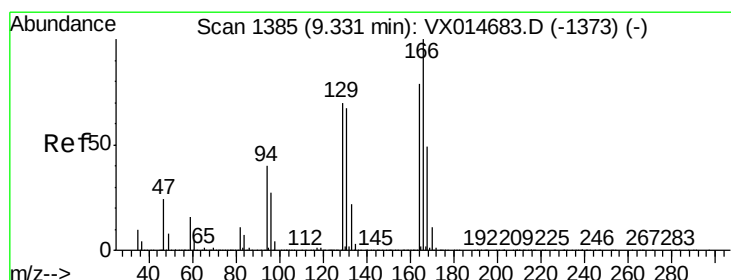
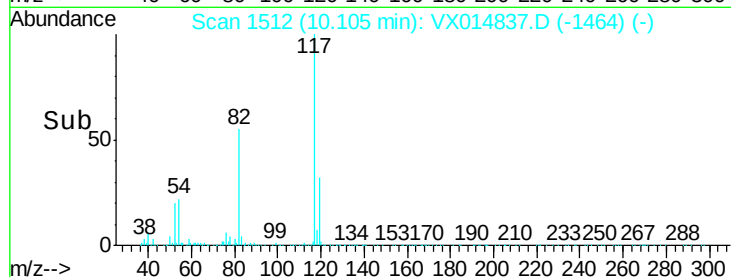
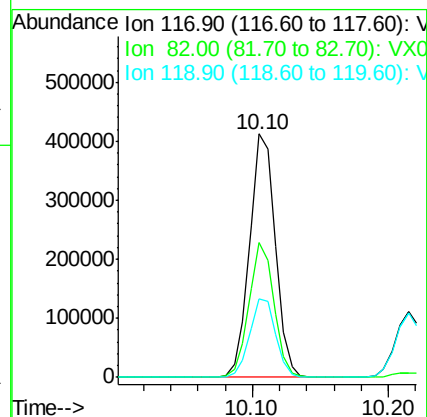
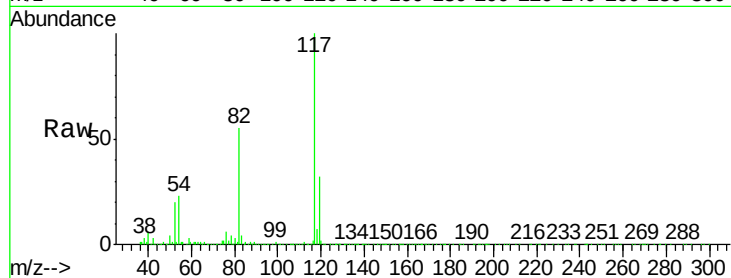
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	548652
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.2	64.8
119	32.4	25.8	38.6

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#64

Tetrachloroethene

Concen: 46.231 ug/l

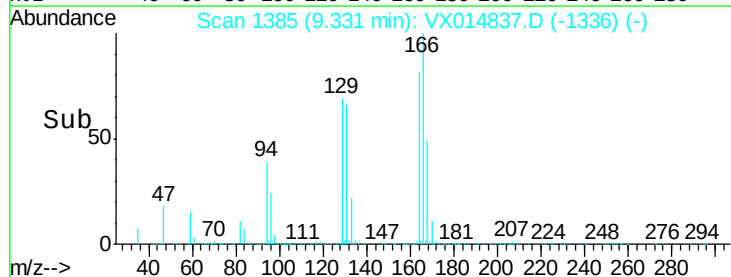
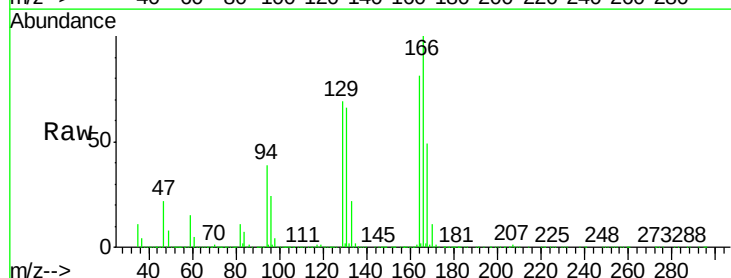
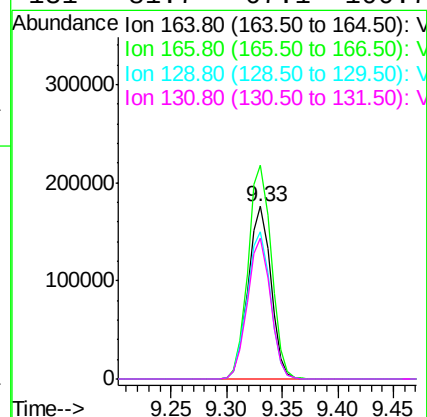
RT: 9.33 min Scan# 1385

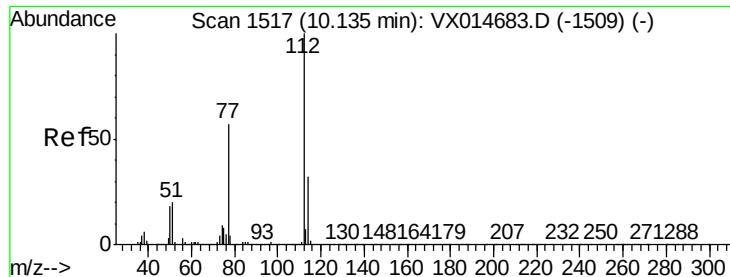
Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion:	164	Resp:	251077
Ion Ratio	Lower	Upper	
164	100		
166	123.7	100.9	151.3
129	85.4	71.0	106.6
131	81.7	67.1	100.7





#65

Chlorobenzene

Concen: 50.213 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 589265

Ion Ratio Lower Upper

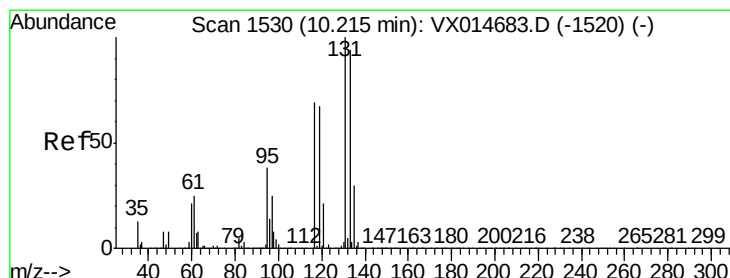
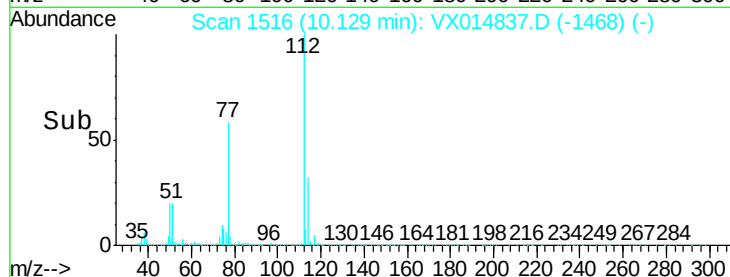
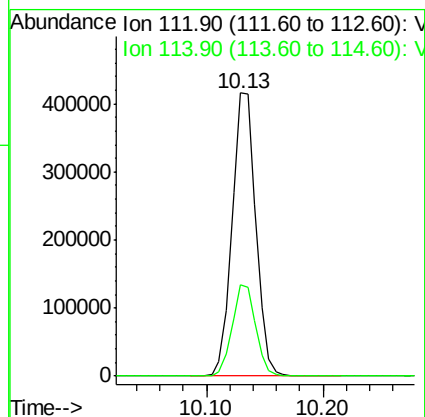
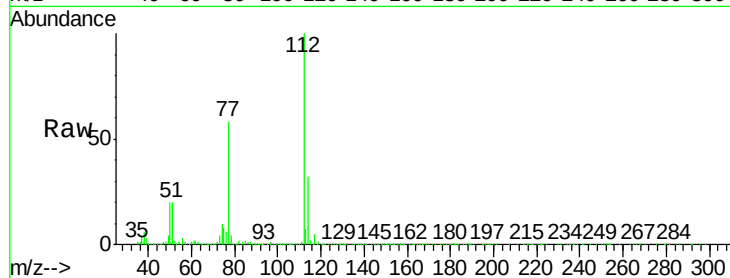
112 100

114 32.2 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.784 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

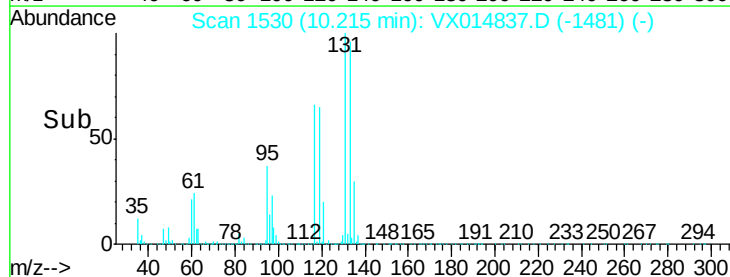
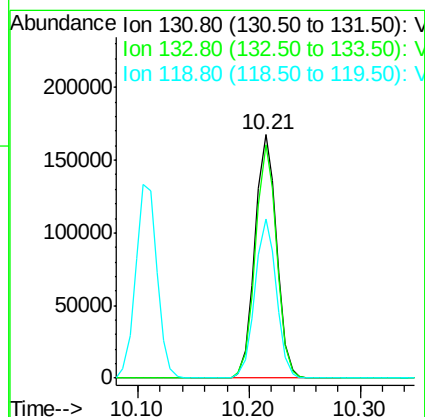
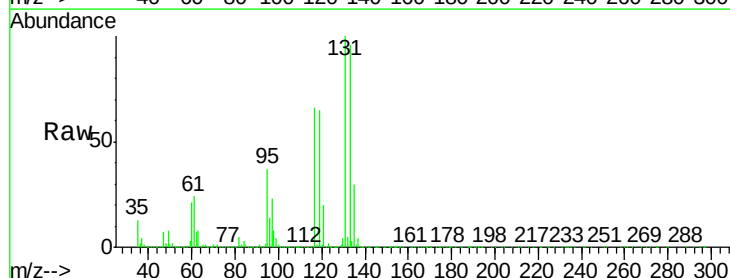
Tgt Ion:131 Resp: 228389

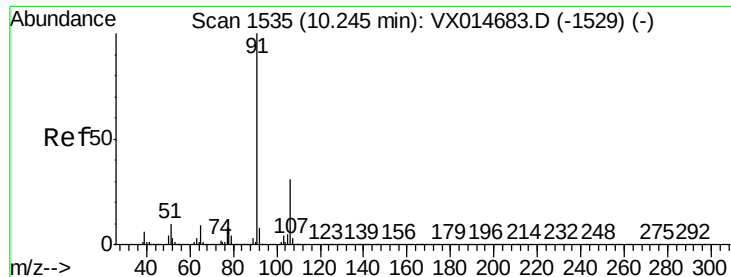
Ion Ratio Lower Upper

131 100

133 93.6 47.4 142.3

119 64.4 33.3 99.8





#67

Ethyl Benzene

Concen: 51.361 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1029163

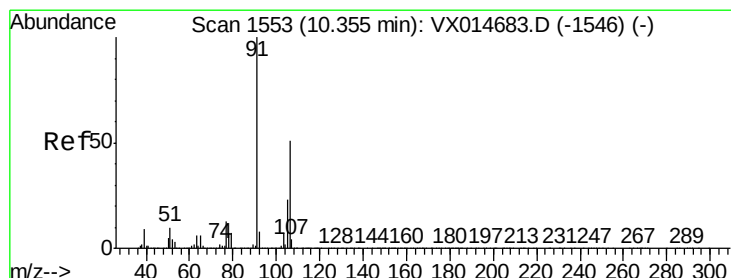
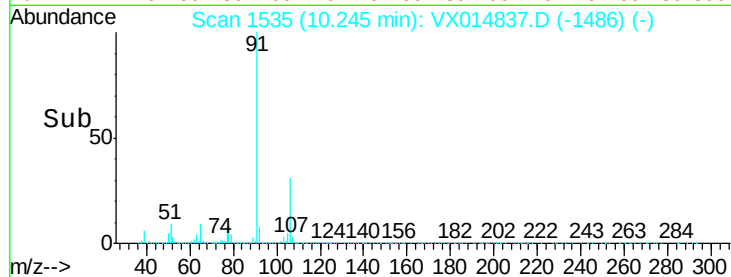
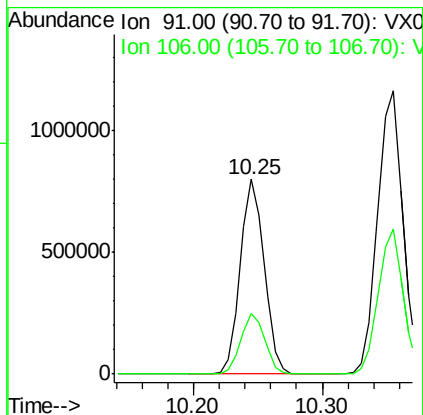
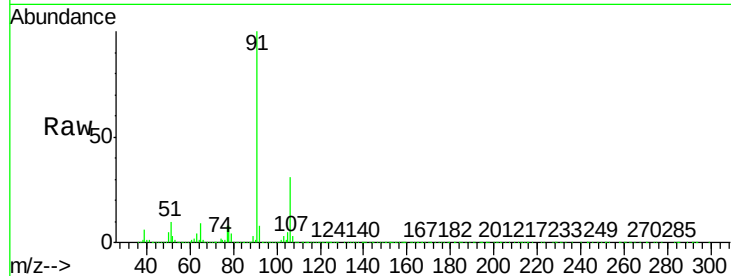
Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3

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#68

m/p-Xylenes

Concen: 103.911 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014837.D

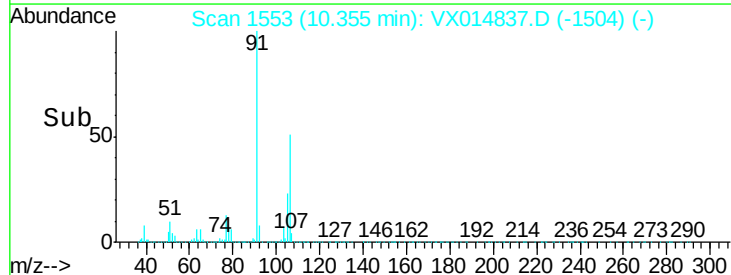
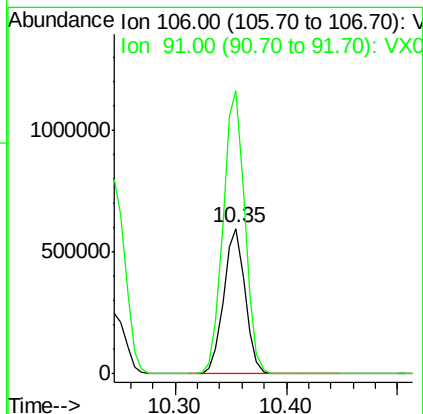
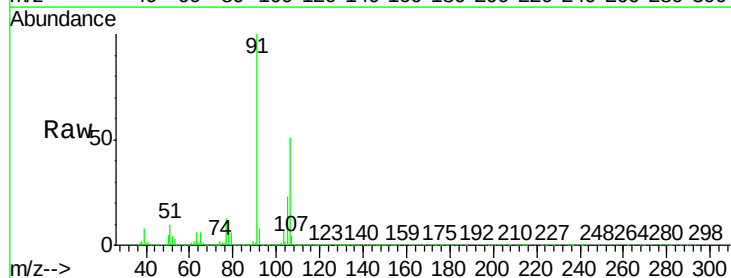
Acq: 06 Feb 2020 10:25

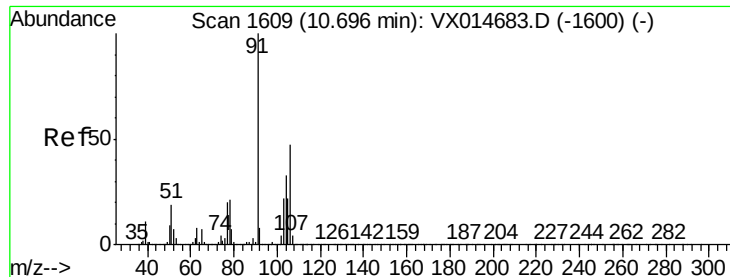
Tgt Ion: 106 Resp: 788824

Ion Ratio Lower Upper

106 100

91 198.2 159.4 239.2





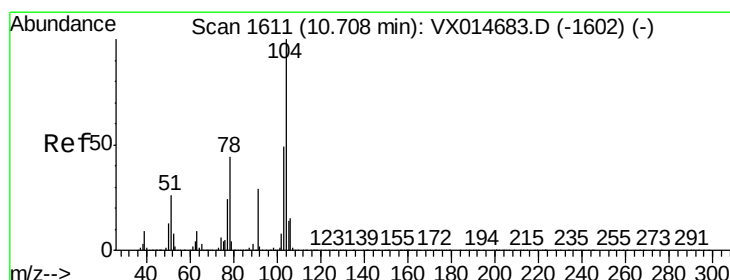
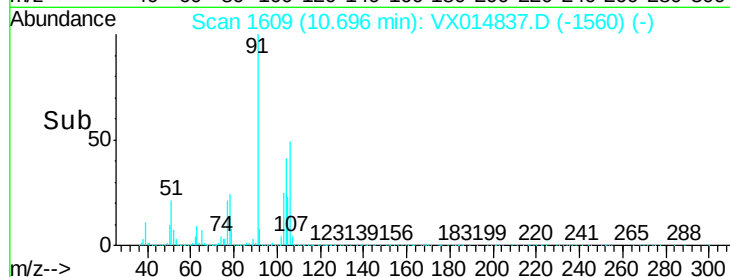
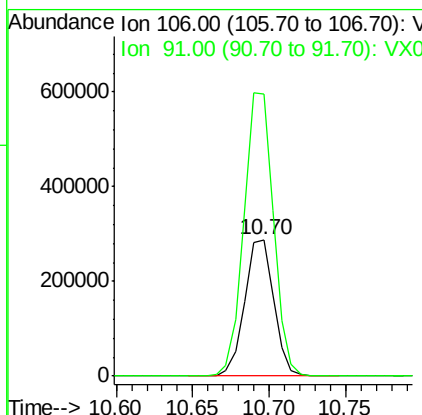
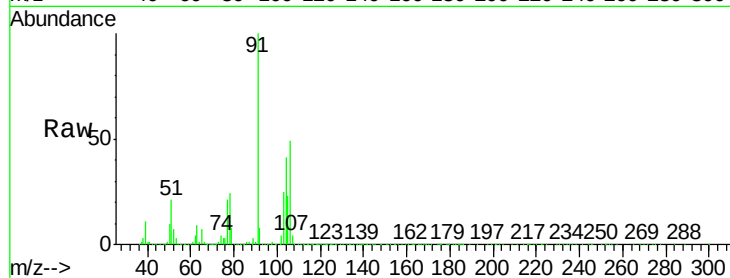
#69
o-Xylene
Concen: 52.003 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	381112		
91	210.8	106.2	318.6	

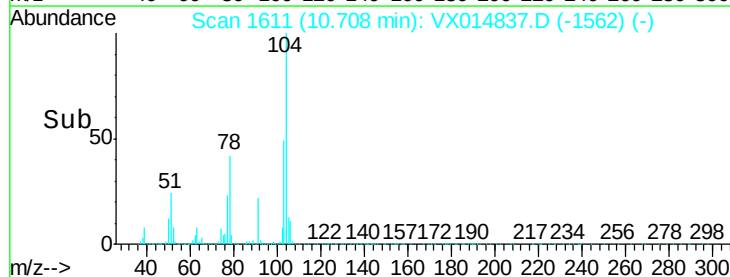
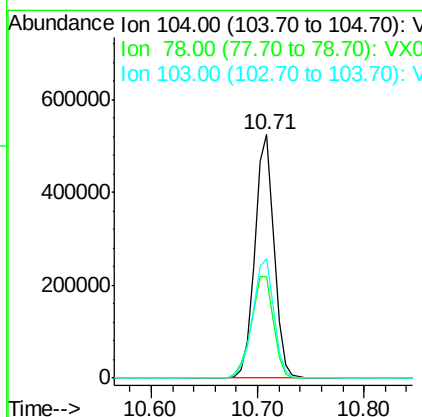
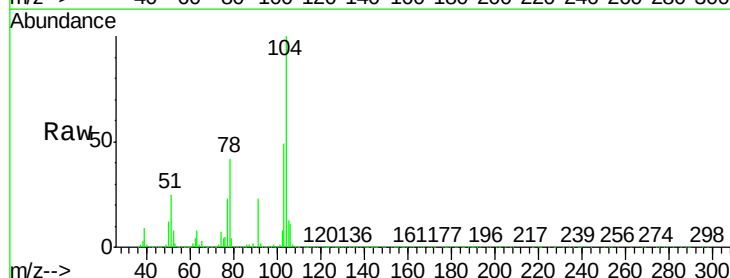
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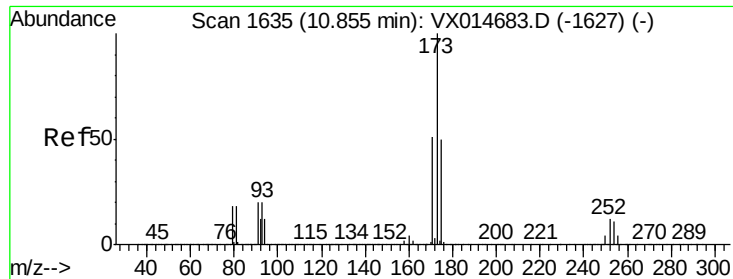
MMDadoda
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#70
Styrene
Concen: 54.256 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	666992		
78	48.6	39.3	58.9	
103	54.3	43.5	65.3	





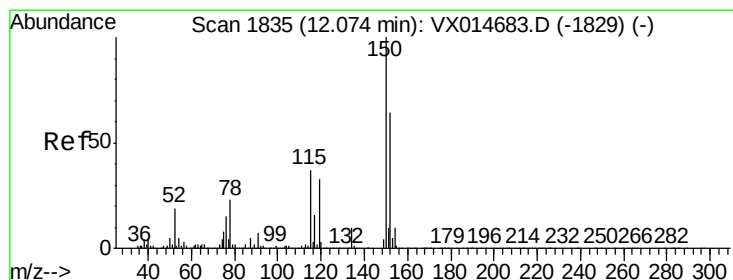
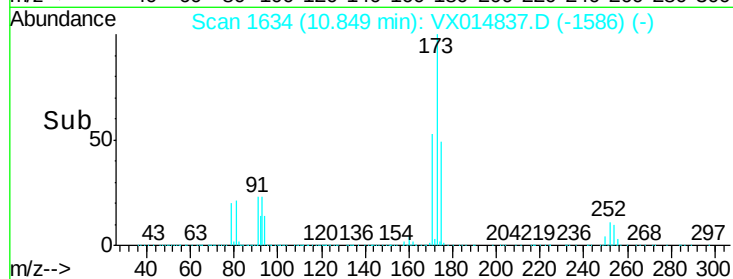
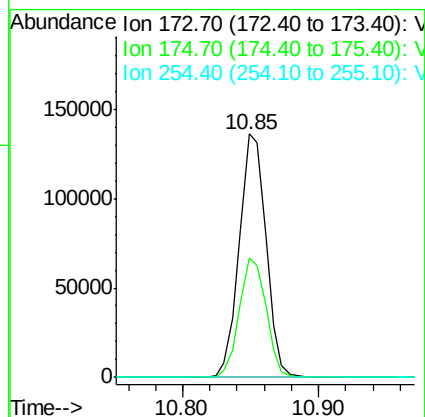
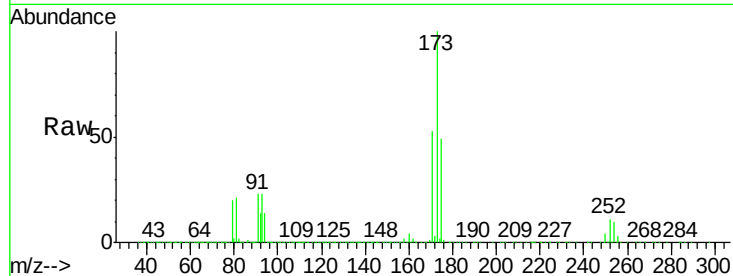
#71
Bromoform
Concen: 54.398 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.6
254	0.3	0.1	0.1#

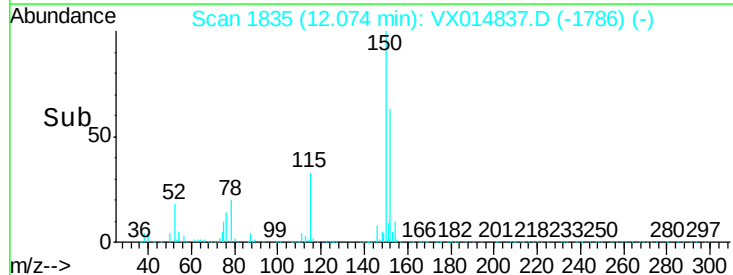
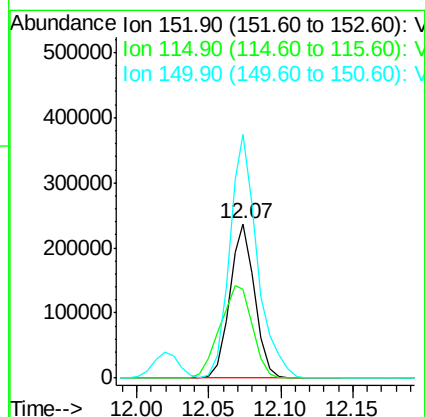
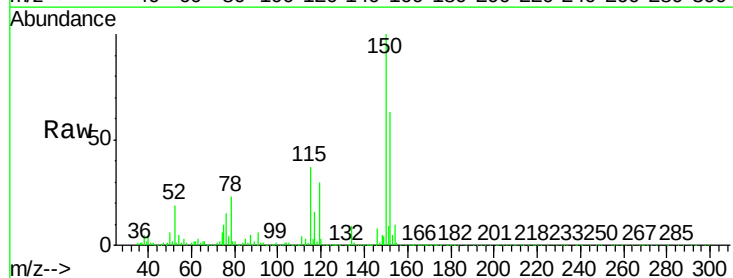
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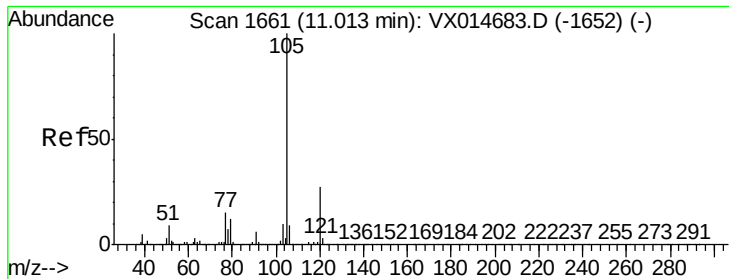
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	39.4	118.1
150	175.4	0.0	351.2





#73

Isopropylbenzene

Concen: 50.881 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1021726

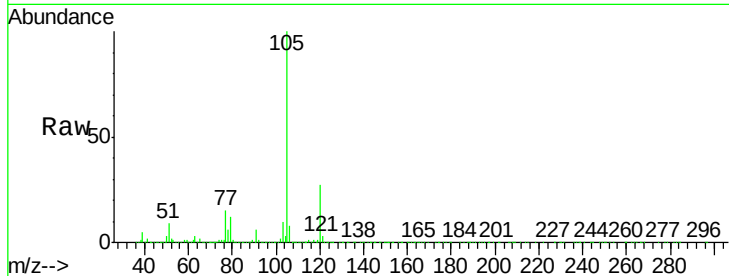
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5

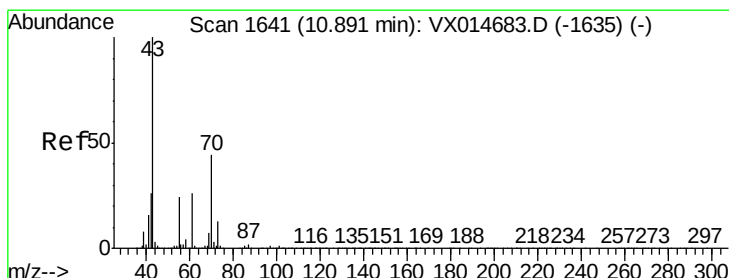
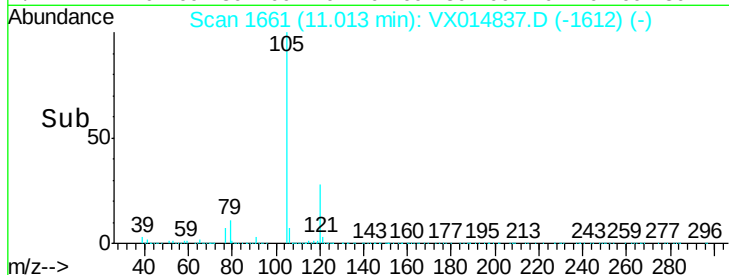
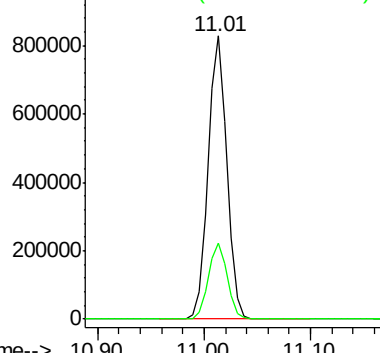
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.370 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion: 43 Resp: 452038

Ion Ratio Lower Upper

43 100

70 43.6 34.6 52.0

55 24.3 19.4 29.2

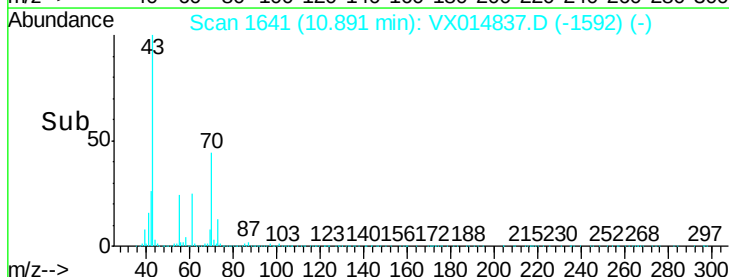
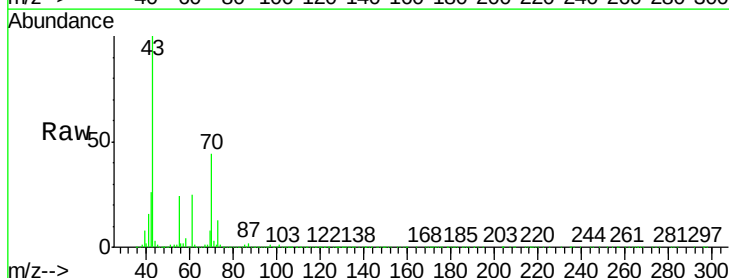
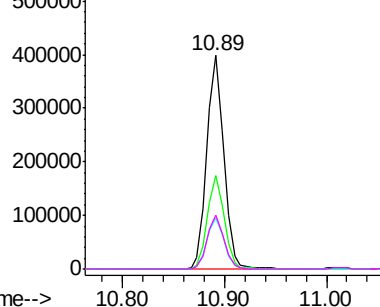
61 24.9 19.8 29.6

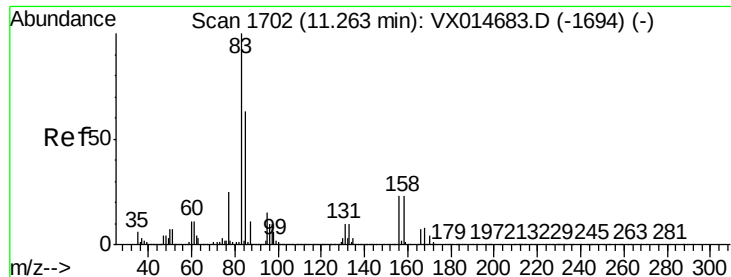
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.153 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 338077

Ion Ratio Lower Upper

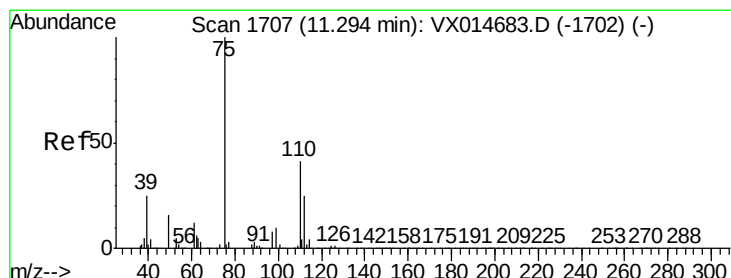
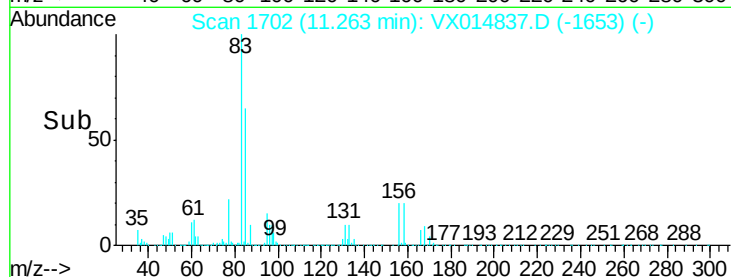
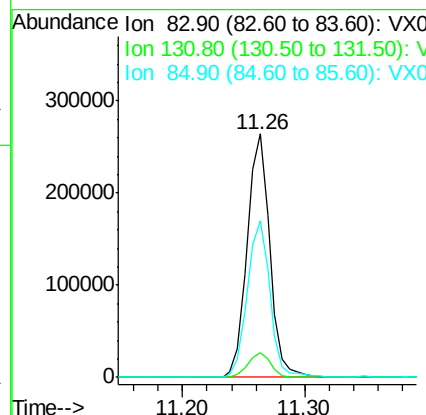
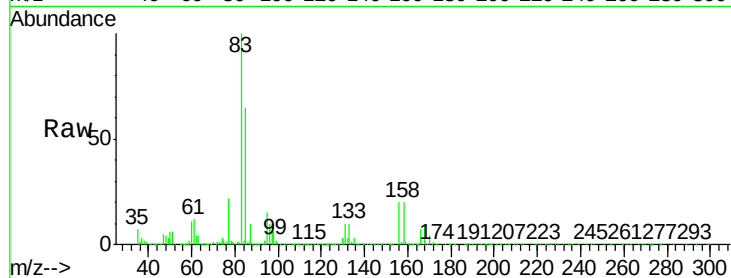
83 100

131 10.1 5.0 15.0

85 64.6 31.7 95.1

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#76

1,2,3-Trichloropropane

Concen: 43.182 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014837.D

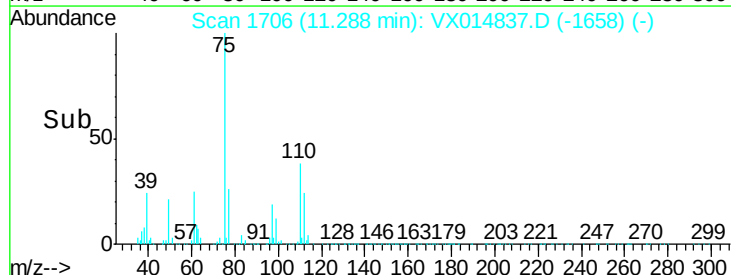
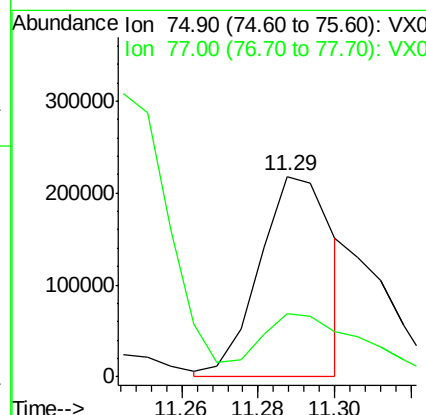
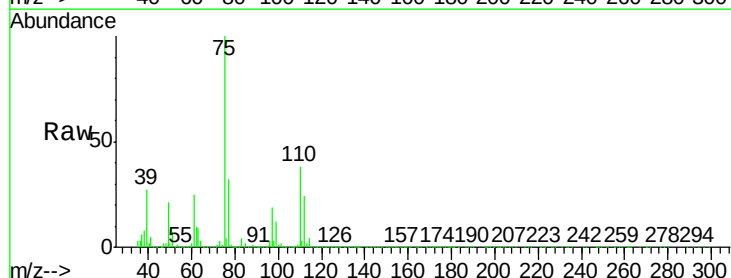
Acq: 06 Feb 2020 10:25

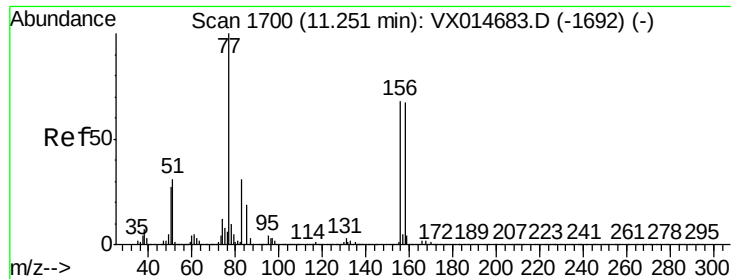
Tgt Ion: 75 Resp: 286920

Ion Ratio Lower Upper

75 100

77 44.5 18.7 56.1





#77

Bromobenzene

Concen: 50.652 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

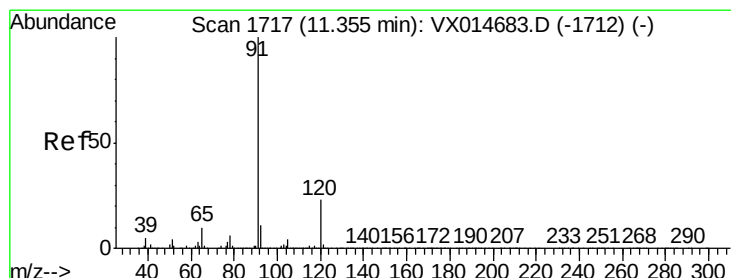
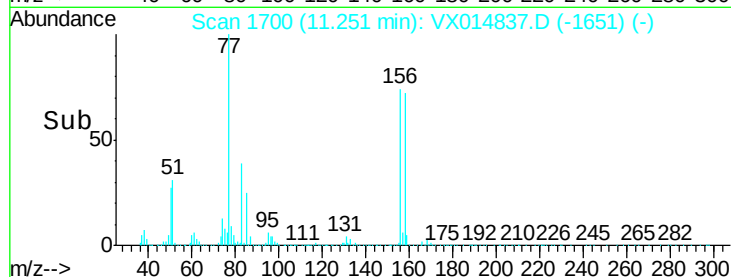
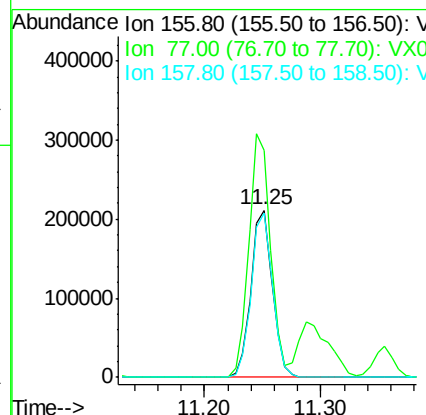
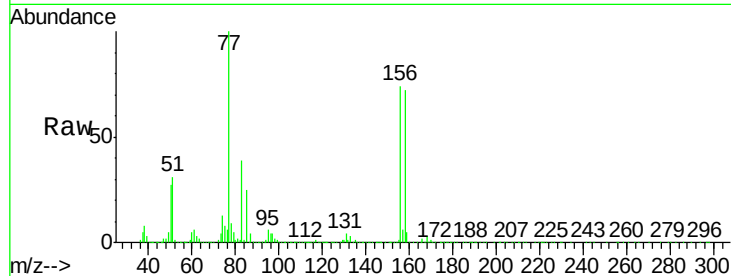
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.0	77.5	232.5
158	98.2	49.1	147.3

Manual Integrations
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2/7/2020 11:44:34 AM



#78

n-propylbenzene

Concen: 50.920 ug/l

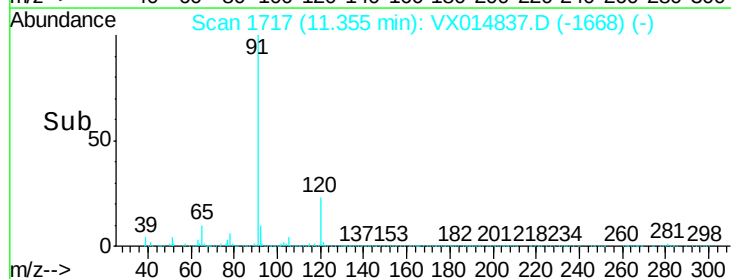
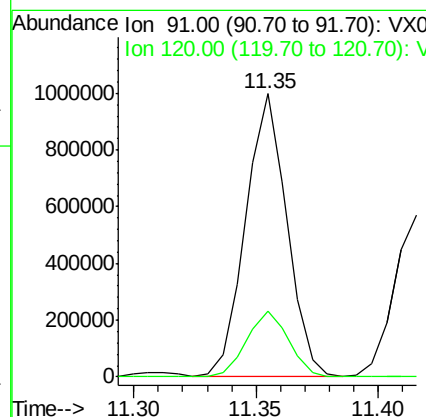
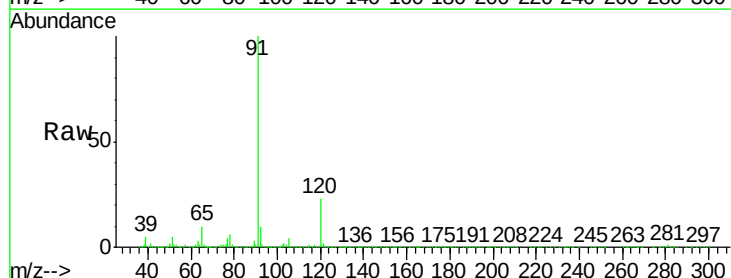
RT: 11.35 min Scan# 1717

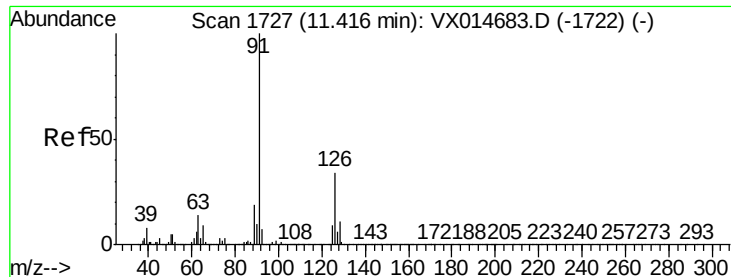
Delta R.T. -0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.904 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 688255

Ion Ratio Lower Upper

91 100

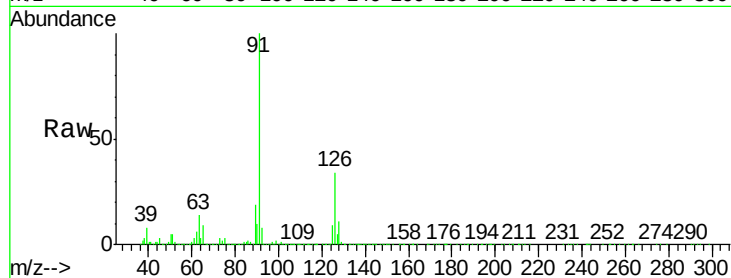
126 35.2 17.3 51.9

Manual Integrations

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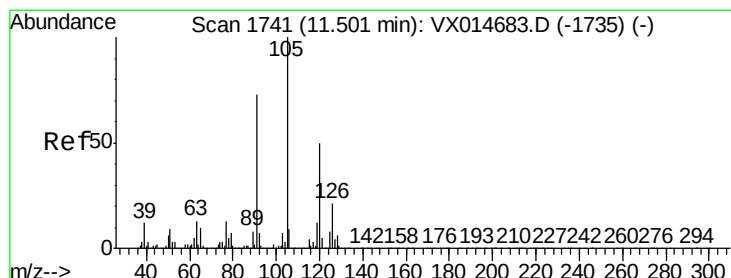
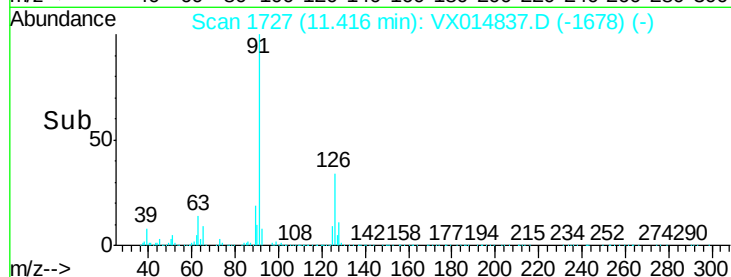
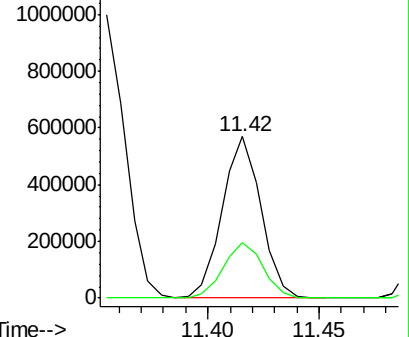
MMDadoda

2/7/2020 11:44:34 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.684 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014837.D

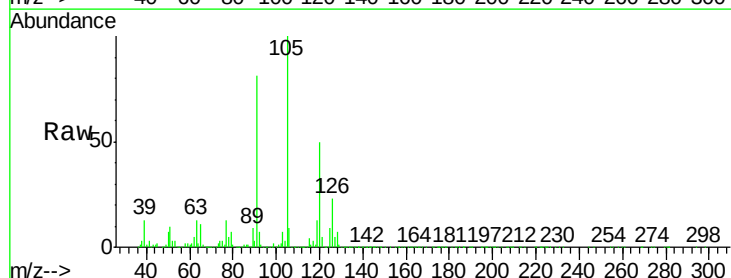
Acq: 06 Feb 2020 10:25

Tgt Ion: 105 Resp: 861384

Ion Ratio Lower Upper

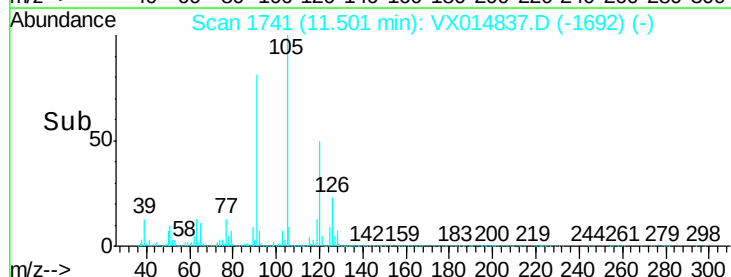
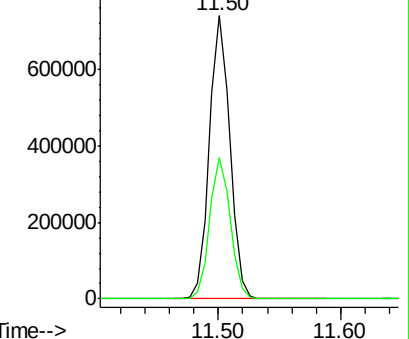
105 100

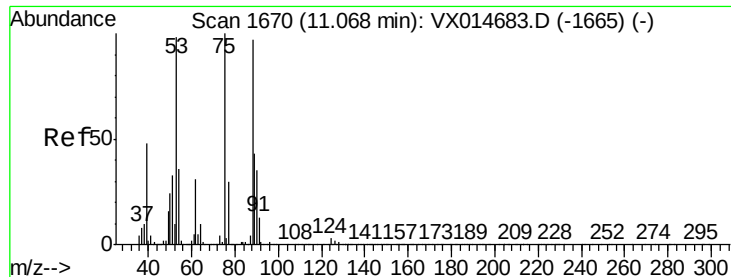
120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





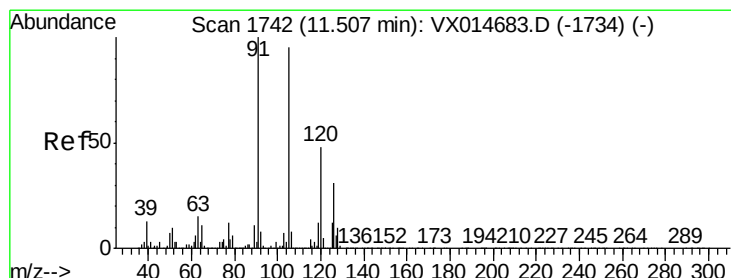
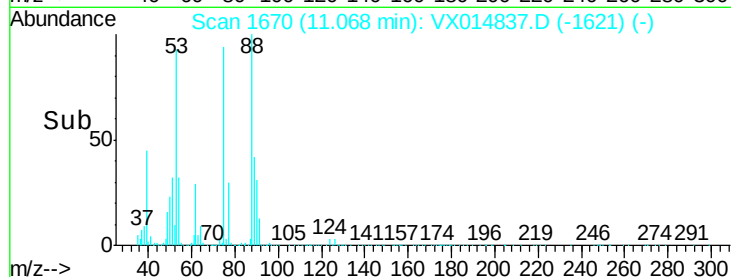
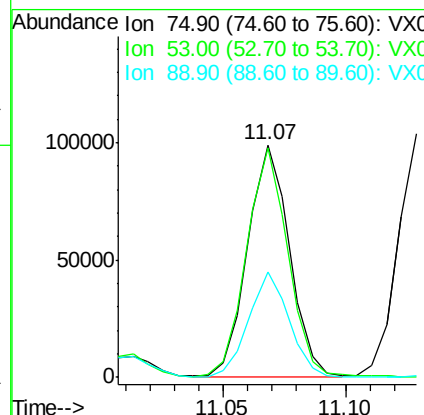
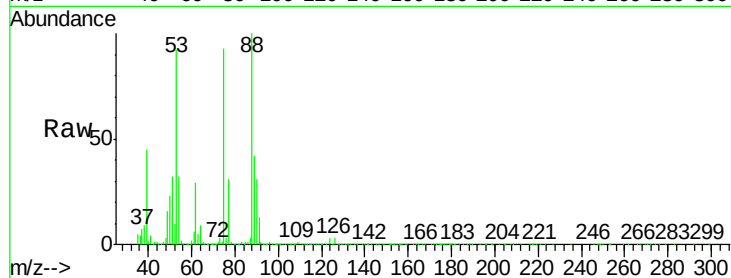
#81
trans-1,4-Dichloro-2-butene
Concen: 50.386 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	78.8	118.2
89	44.3	35.4	53.0

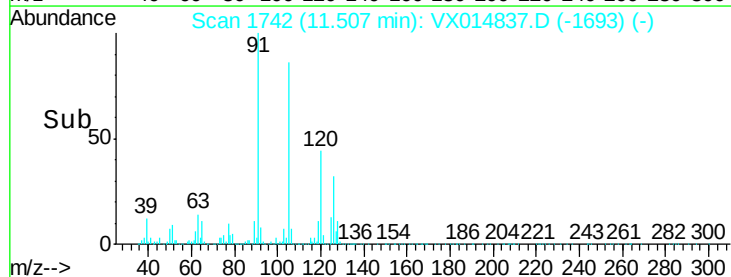
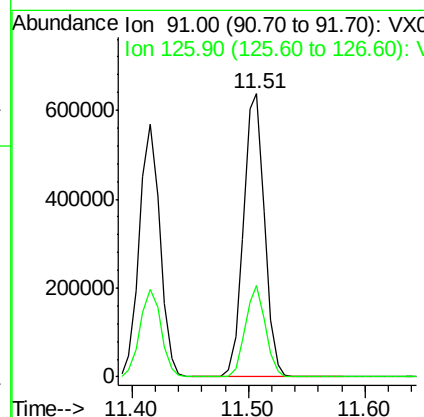
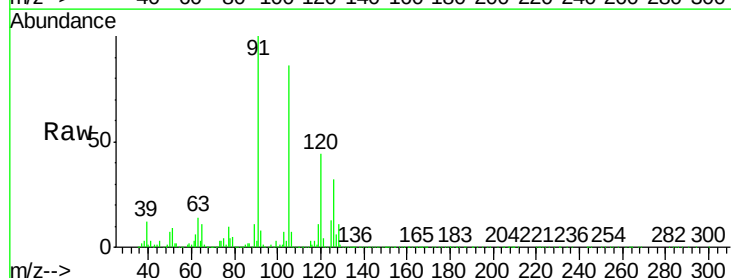
Manual Integrations
APPROVED

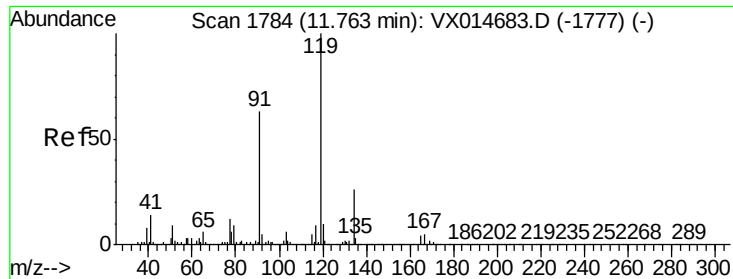
MMDadoda
2/7/2020 11:44:34 AM



#82
4-Chlorotoluene
Concen: 51.153 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





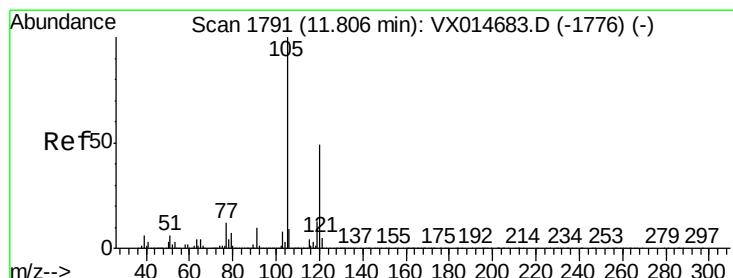
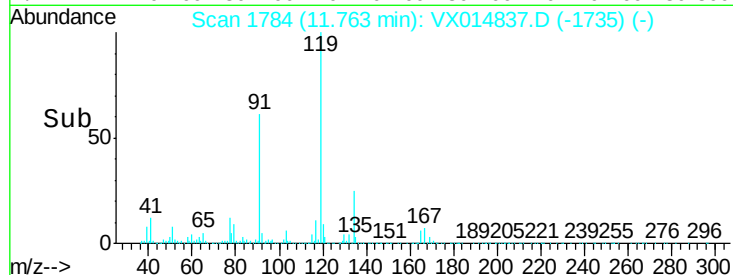
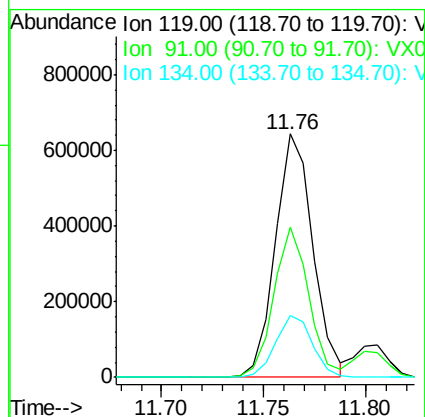
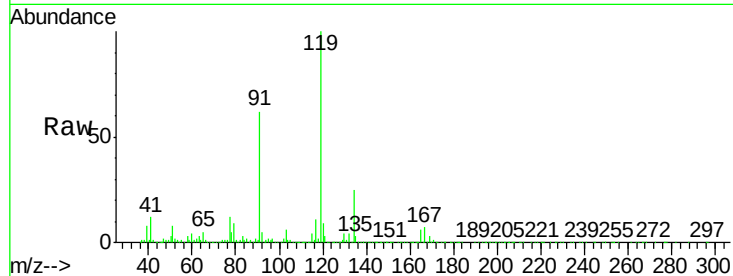
#83
tert-Butylbenzene
Concen: 52.717 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	825594		
91	57.4	30.0	90.0	
134	24.9	12.7	38.0	

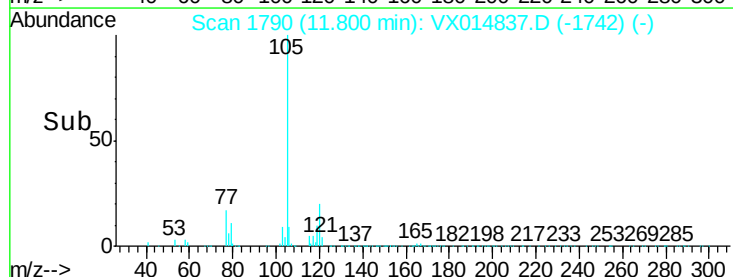
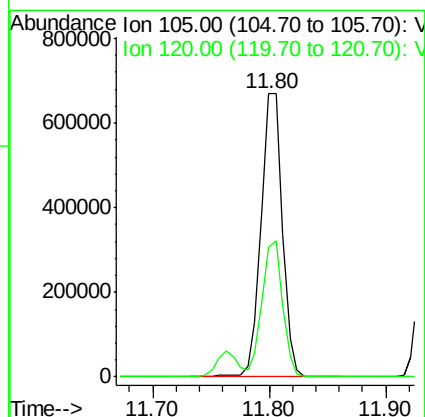
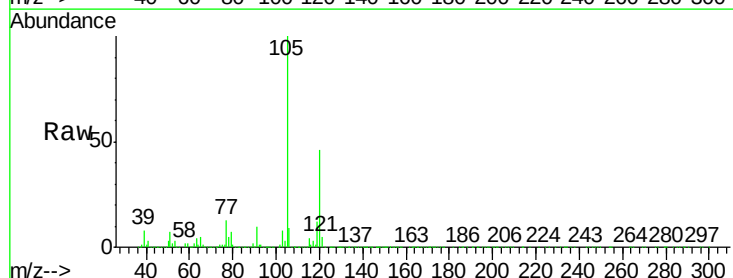
Manual Integrations
APPROVED

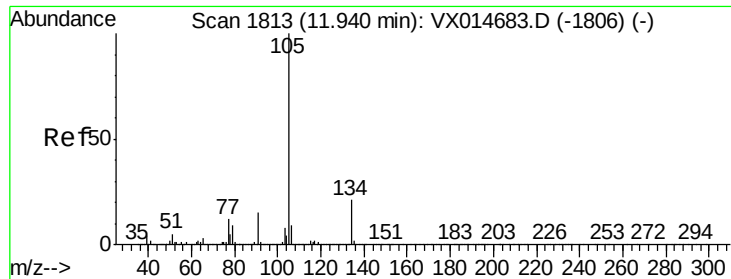
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.707 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	864378		
120	46.1	23.4	70.0	





#85

sec-Butylbenzene

Concen: 52.653 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1010178

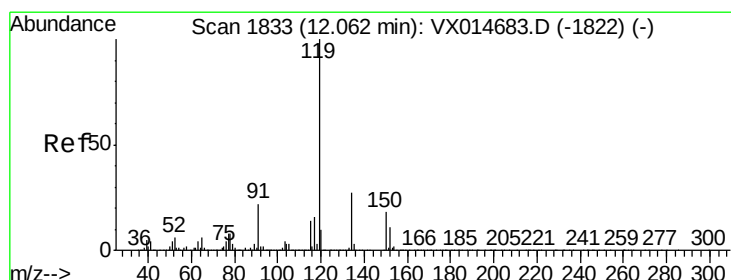
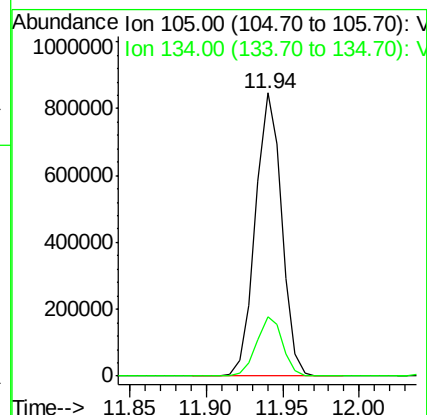
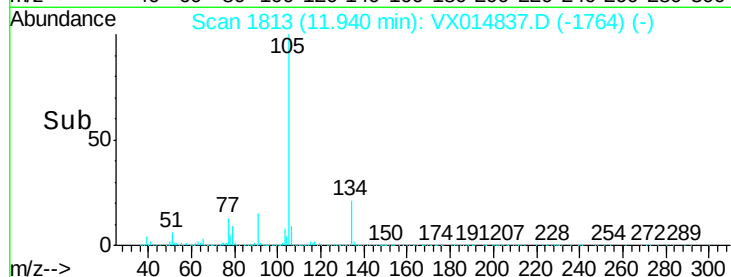
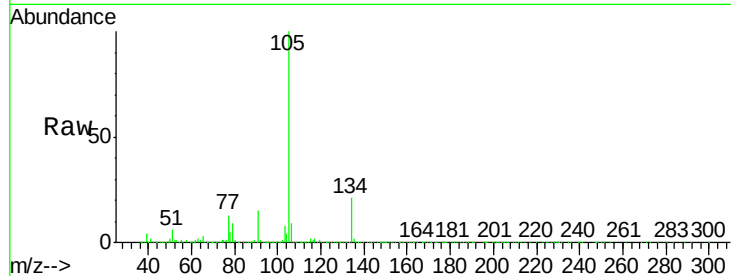
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.204 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

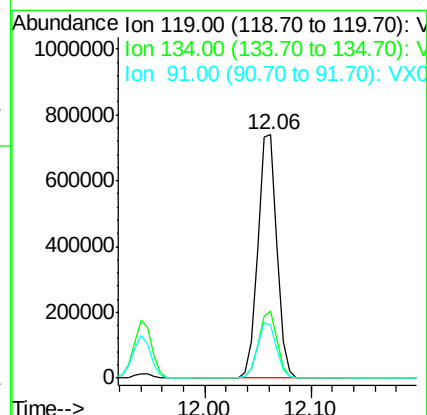
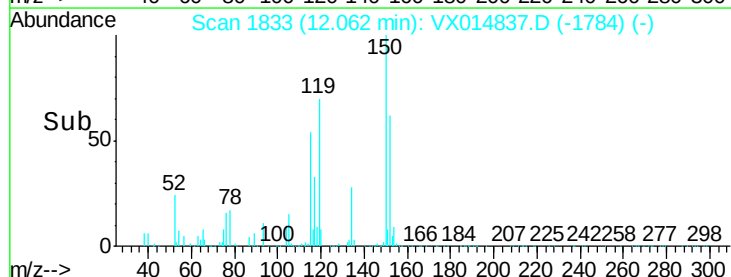
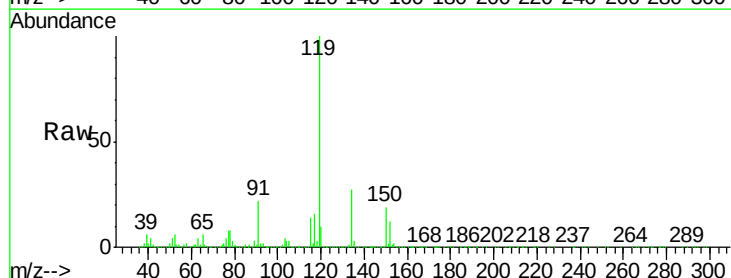
Tgt Ion:119 Resp: 925603

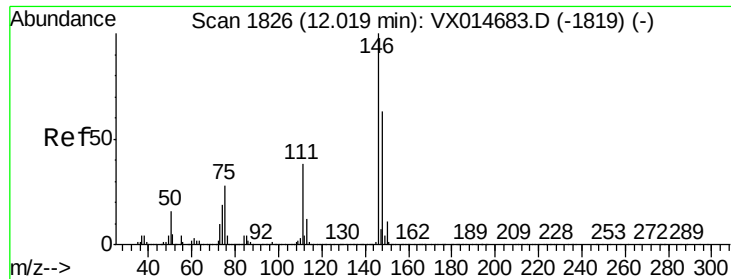
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.942 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014837.D

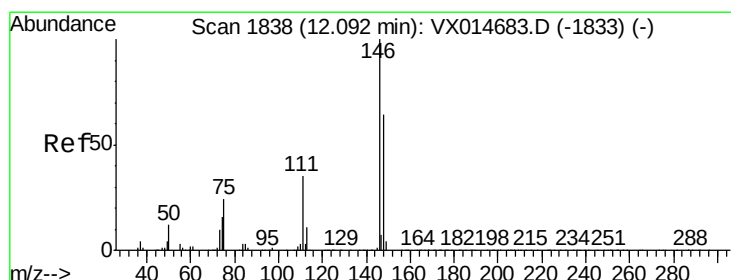
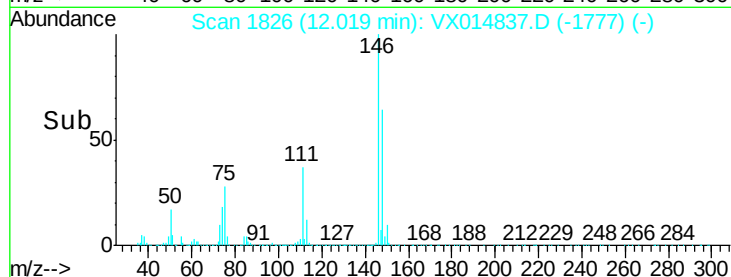
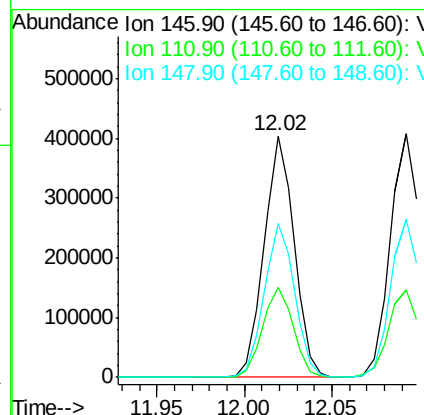
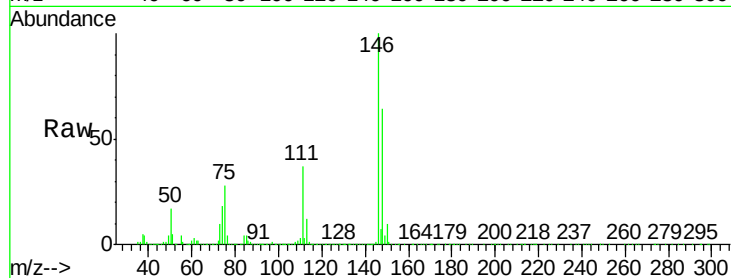
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.2	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.037 ug/l

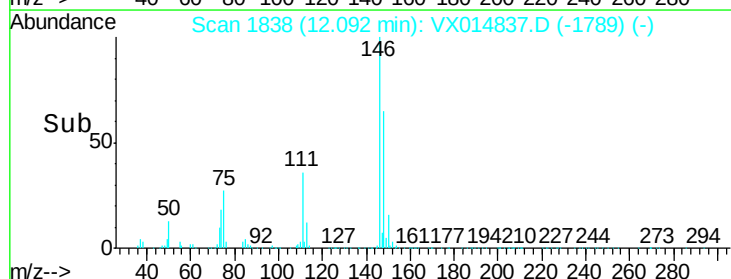
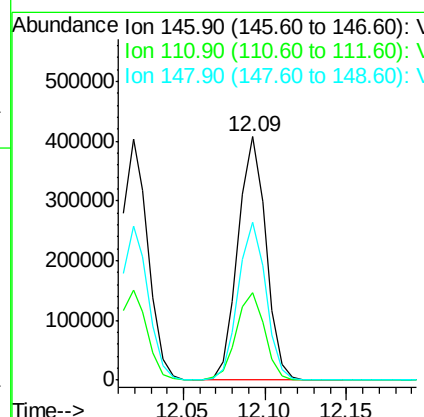
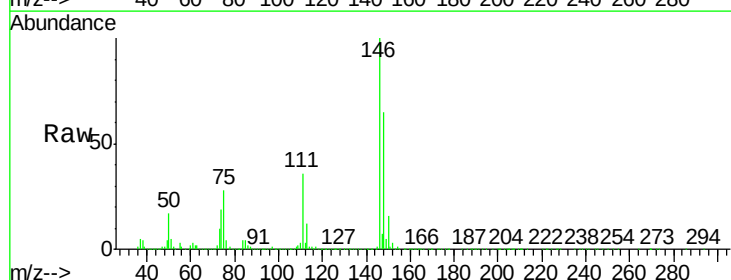
RT: 12.09 min Scan# 1838

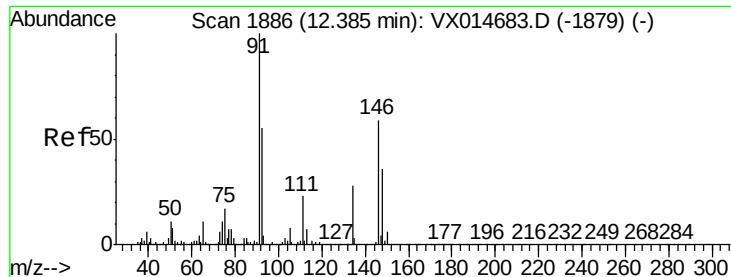
Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.5	32.0	96.2





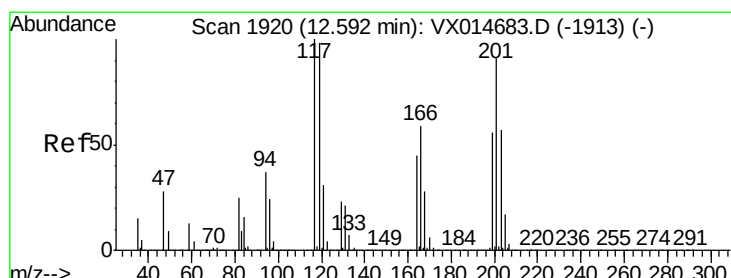
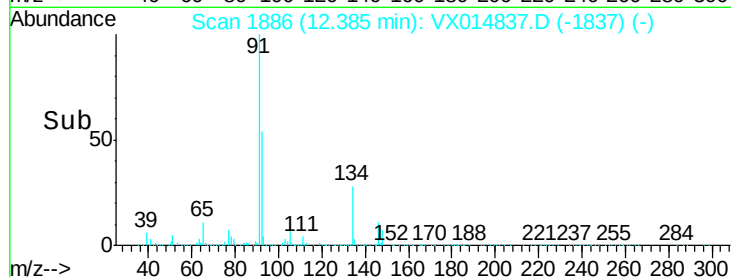
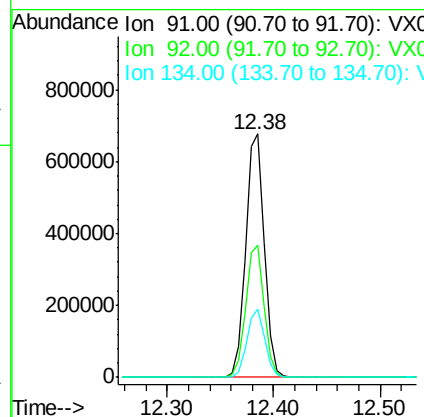
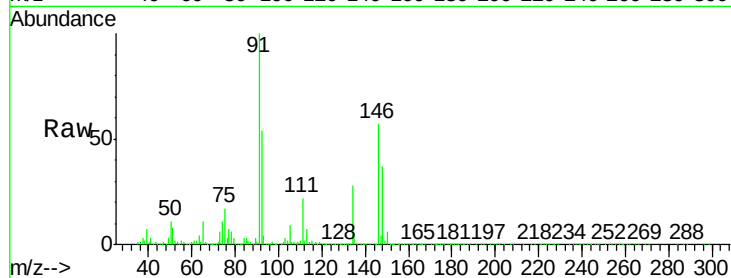
#89
n-Butylbenzene
Concen: 53.416 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	27.6	82.7	
134	26.9	13.3	39.8	

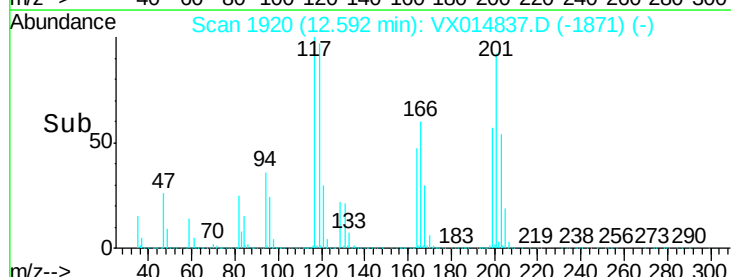
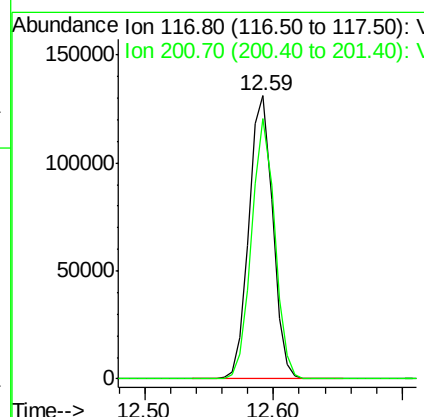
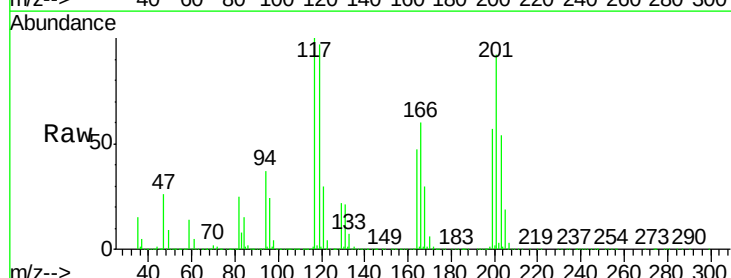
Manual Integrations
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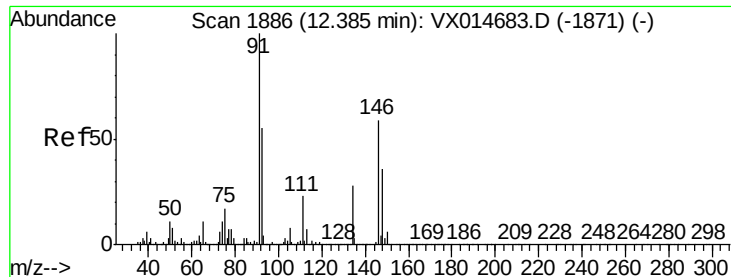
MMDadoda
2/7/2020 11:44:34 AM



#90
Hexachloroethane
Concen: 50.351 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.6	44.4	133.1	





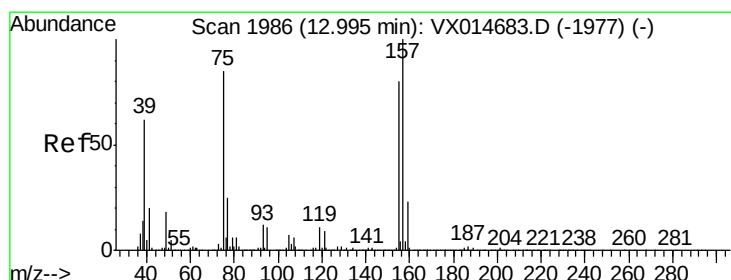
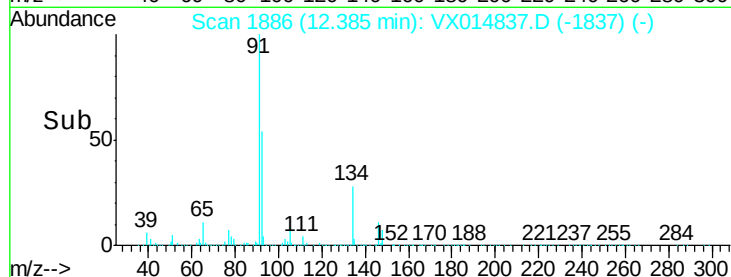
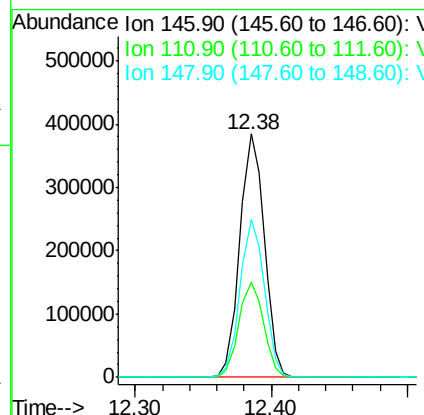
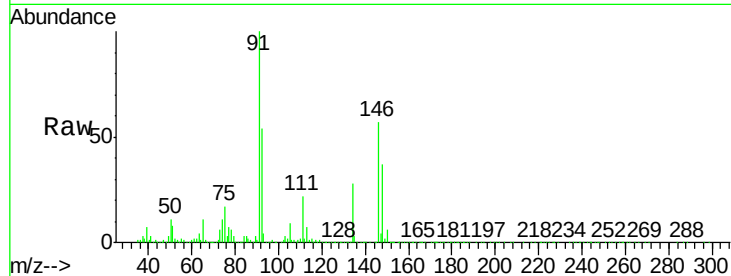
#91
 1,2-Dichlorobenzene
 Concen: 50.238 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	483746		
111	39.5	19.6	58.8	
148	64.4	31.9	95.9	

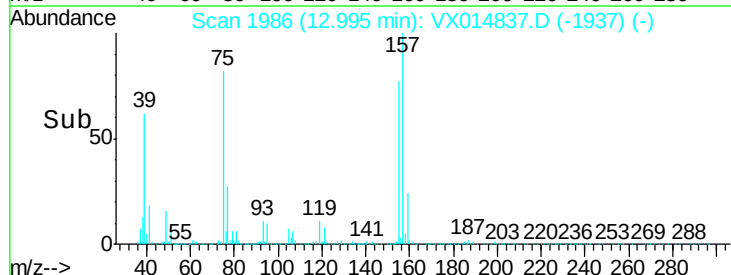
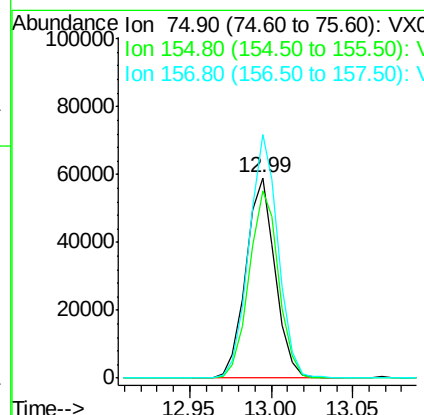
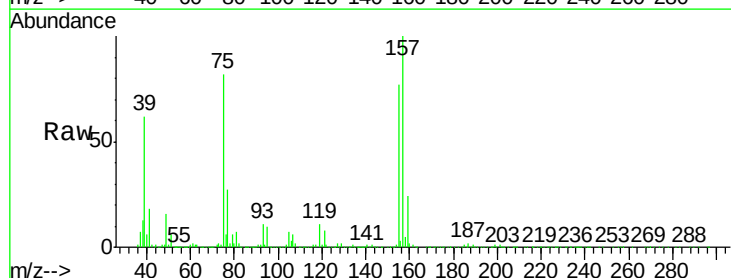
Manual Integrations
 APPROVED

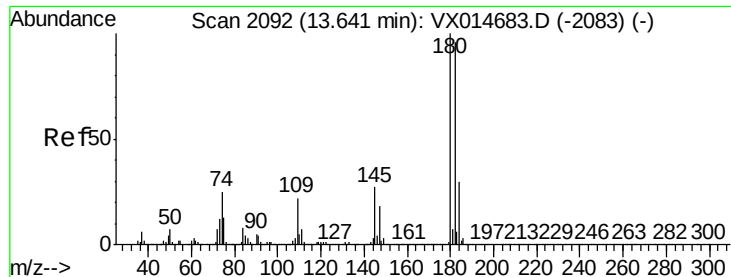
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 2/7/2020 11:44:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.745 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014837.D
 Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73548		
155	95.1	45.6	136.9	
157	122.1	60.3	180.9	





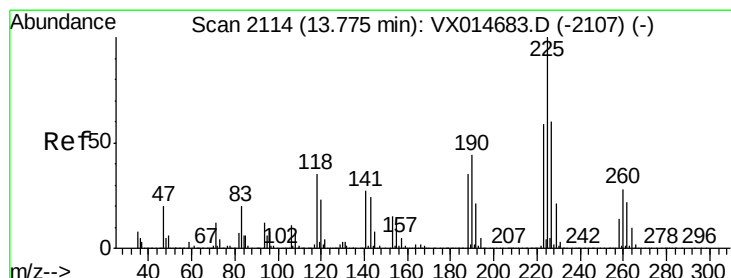
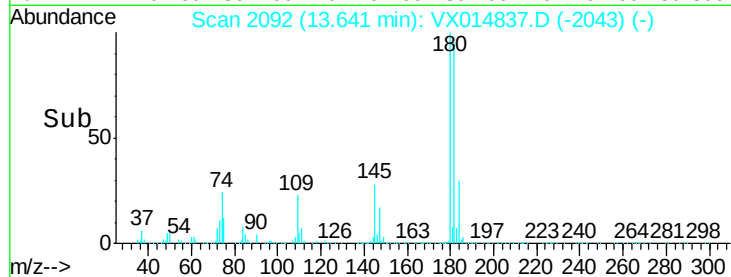
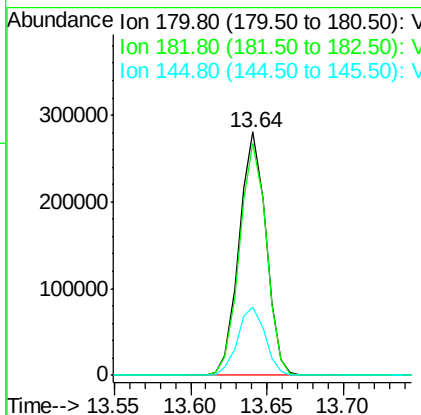
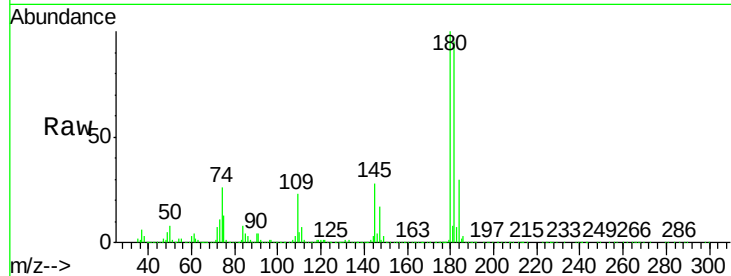
#93
1,2,4-Trichlorobenzene
Concen: 55.010 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	341506		
182	95.6	48.5	145.6	
145	28.5	14.0	41.9	

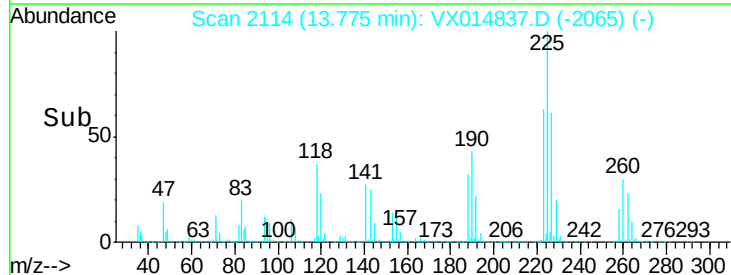
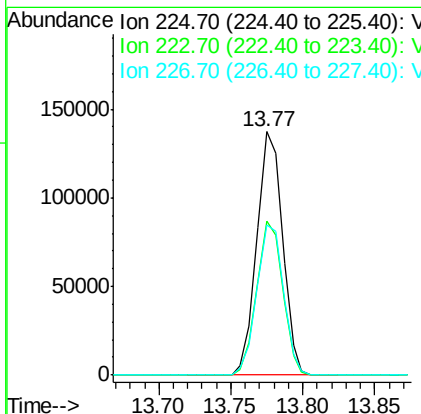
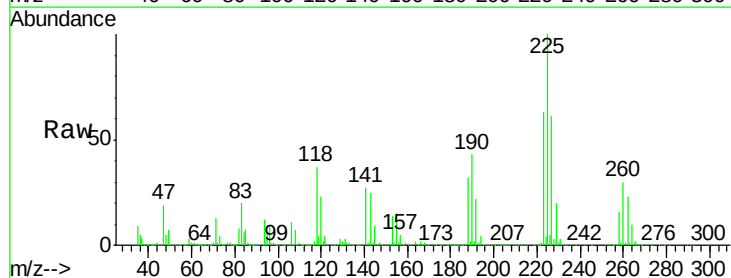
Manual Integrations
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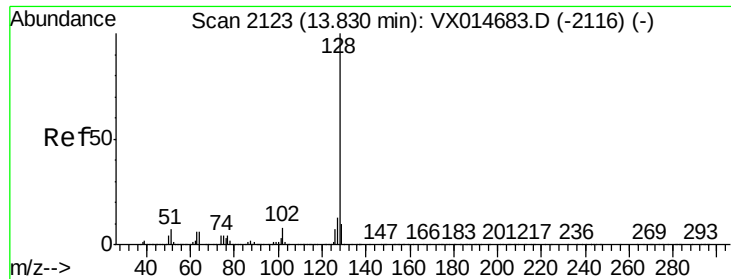
MMDadoda
2/7/2020 11:44:34 AM



#94
Hexachlorobutadiene
Concen: 52.936 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014837.D
Acq: 06 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169142		
223	63.9	30.6	91.8	
227	64.1	31.4	94.0	





#95

Naphthalene

Concen: 50.384 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1008797

Ion Ratio Lower Upper

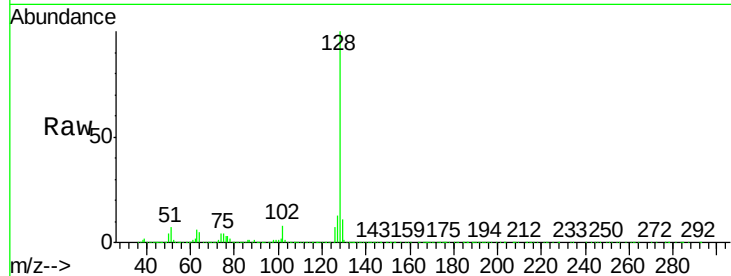
128 100

127 12.7 10.3 15.5

129 10.9 8.6 12.8

Manual Integrations
APPROVED

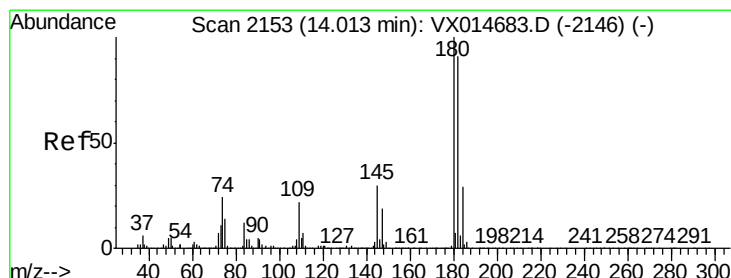
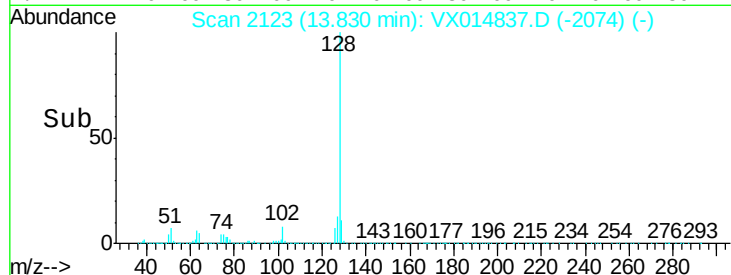
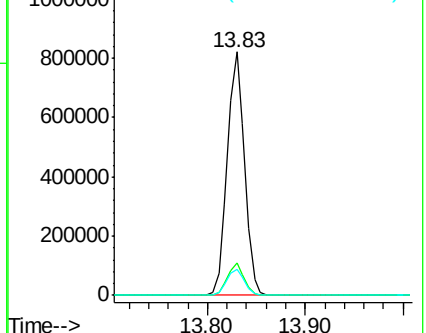
MMDadoda
2/7/2020 11:44:34 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.979 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014837.D

Acq: 06 Feb 2020 10:25

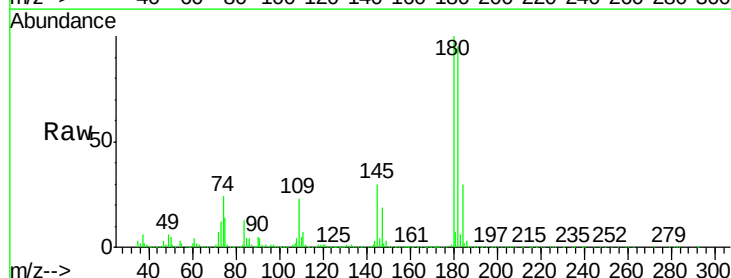
Tgt Ion:180 Resp: 345119

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

145 29.9 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

