

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014843.D
 Acq On : 06 Feb 2020 13:17
 Operator : JC/SP
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:52 AM

Quant Time: Feb 06 15:46:14 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	414101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	625311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	566260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236045	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	193231	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	732992	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	260789	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	88932	16.361	ug/l	98
3) Chloromethane	1.32	50	90861	16.219	ug/l	100
4) Vinyl Chloride	1.40	62	108729	17.951	ug/l	99
5) Bromomethane	1.64	94	67150	16.321	ug/l	100
6) Chloroethane	1.72	64	62257	17.053	ug/l	99
7) Trichlorofluoromethane	1.92	101	130307	18.476	ug/l	98
8) Diethyl Ether	2.18	74	56694	18.416	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77367	18.686	ug/l	99
10) Methyl Iodide	2.50	142	98462	18.124	ug/l	97
11) Tert butyl alcohol	3.03	59	97745	90.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73887	17.949	ug/l	95
13) Acrolein	2.28	56	65757	76.817	ug/l	97
14) Allyl chloride	2.72	41	131732	17.804	ug/l	97
15) Acrylonitrile	3.13	53	231543	92.175	ug/l	99
16) Acetone	2.43	43	236458	89.316	ug/l	98
17) Carbon Disulfide	2.56	76	173097	15.385	ug/l	100
18) Methyl Acetate	2.76	43	146014	19.301	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	265705	19.706	ug/l	99
20) Methylene Chloride	2.85	84	89411	18.232	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	78846	17.395	ug/l	97
22) Diisopropyl ether	3.84	45	281465	19.120	ug/l	95
23) Vinyl Acetate	3.80	43	1090880	97.211	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151172	18.909	ug/l	98
25) 2-Butanone	4.65	43	341210	89.858	ug/l	98
26) 2,2-Dichloropropane	4.57	77	126450	19.761	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	95188	18.764	ug/l	97
28) Bromochloromethane	5.00	49	59313	16.883	ug/l	96
29) Tetrahydrofuran	5.11	42	202616	89.903	ug/l	98
30) Chloroform	5.20	83	149744	18.908	ug/l	96
31) Cyclohexane	5.57	56	126933	16.881	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	129256	19.309	ug/l	99
36) 1,1-Dichloropropene	5.79	75	107437	18.491	ug/l	98
37) Ethyl Acetate	4.82	43	123646	18.580	ug/l	98
38) Carbon Tetrachloride	5.78	117	106882	19.261	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130109	17.874	ug/l	92
40) Benzene	6.14	78	340684	18.977	ug/l	100
41) Methacrylonitrile	5.03	41	68473	17.871	ug/l	95
42) 1,2-Dichloroethane	6.18	62	122887	19.822	ug/l	99
43) Isopropyl Acetate	6.43	43	207225	19.016	ug/l	99
44) Trichloroethene	7.20	130	94012	18.539	ug/l	100
45) 1,2-Dichloropropane	7.51	63	89357	19.320	ug/l	99
46) Dibromomethane	7.65	93	58742	19.610	ug/l	96
47) Bromodichloromethane	7.89	83	115013	19.576	ug/l	98
48) Methyl methacrylate	7.76	41	100190	19.242	ug/l	97
49) 1,4-Dioxane	7.73	88	43309	392.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	646180	93.949	ug/l	100
52) Toluene	8.78	92	212866	19.289	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125830	19.891	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138564	19.911	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90492	20.028	ug/l	98
56) Ethyl methacrylate	9.17	69	136367	18.952	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148967	19.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	219339	96.528	ug/l	100
59) 2-Hexanone	9.48	43	495905	92.914	ug/l	97
60) Dibromochloromethane	9.57	129	92523	19.618	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92538	19.371	ug/l	100
64) Tetrachloroethene	9.33	164	95408	17.021	ug/l	96
65) Chlorobenzene	10.14	112	234458	19.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87441	19.580	ug/l	99
67) Ethyl Benzene	10.25	91	407570	19.707	ug/l	98
68) m/p-Xylenes	10.35	106	309335	39.481	ug/l	100
69) o-Xylene	10.70	106	151750	20.062	ug/l	97
70) Styrene	10.71	104	255671	20.151	ug/l	100
71) Bromoform	10.85	173	69203	19.486	ug/l #	99
73) Isopropylbenzene	11.01	105	397573	19.711	ug/l	99
74) N-amyl acetate	10.89	43	170326	19.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	134570	18.686	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	113213m	16.963	ug/l	
77) Bromobenzene	11.25	156	106393	19.634	ug/l	95
78) n-propylbenzene	11.35	91	447588	19.549	ug/l	99
79) 2-Chlorotoluene	11.42	91	267840	19.334	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335037	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41640	17.755	ug/l	97
82) 4-Chlorotoluene	11.51	91	305968	19.401	ug/l	100
83) tert-Butylbenzene	11.76	119	318503	20.247	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336111	20.017	ug/l	98
85) sec-Butylbenzene	11.94	105	382386	19.842	ug/l	99
86) p-Isopropyltoluene	12.06	119	352370	19.786	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182597	18.750	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	185786	19.046	ug/l	99
89) n-Butylbenzene	12.39	91	294422	18.981	ug/l	99
90) Hexachloroethane	12.59	117	61716	18.657	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187789	19.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27894	18.028	ug/l	95

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MSVOA_X
ClientSampleId :
VX0206WBSD01

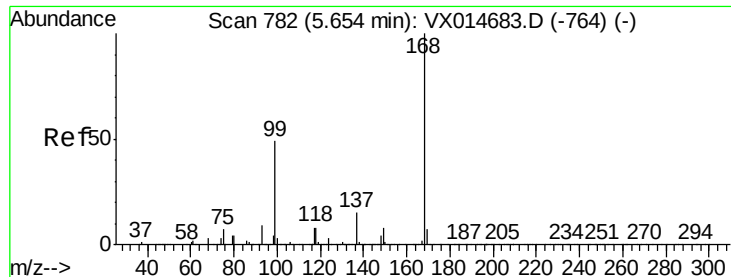
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124748	20.005	ug/l	98
94) Hexachlorobutadiene	13.78	225	62213	19.384	ug/l	97
95) Naphthalene	13.83	128	382679	19.608	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127792	20.267	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion:168 Resp: 414101

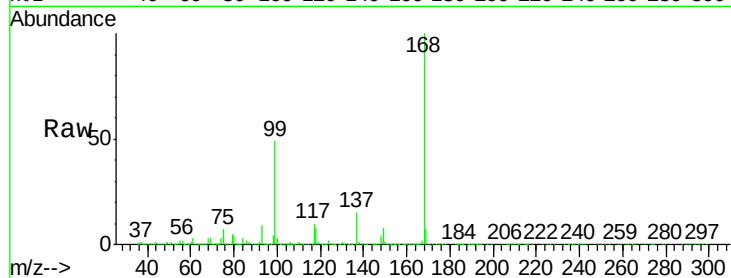
Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.6

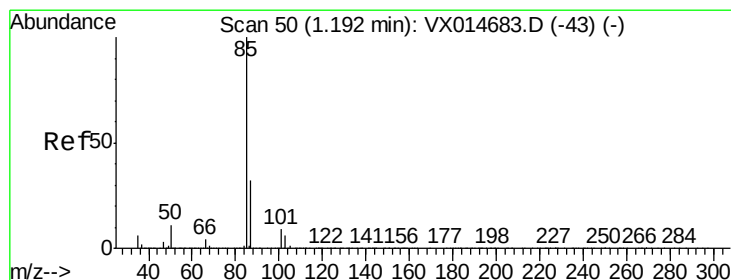
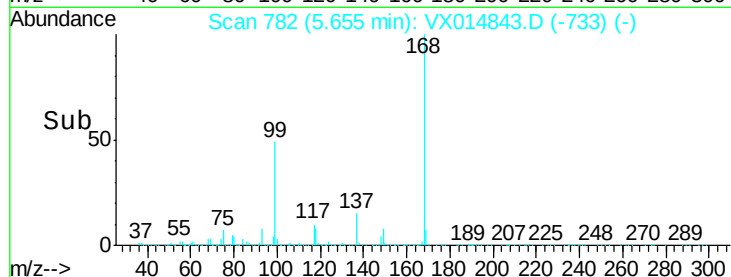
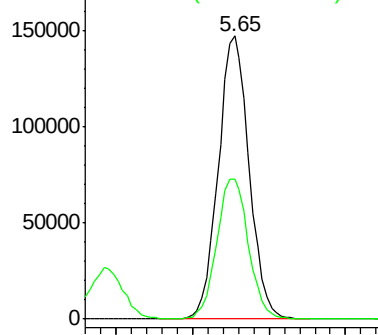
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.361 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014843.D

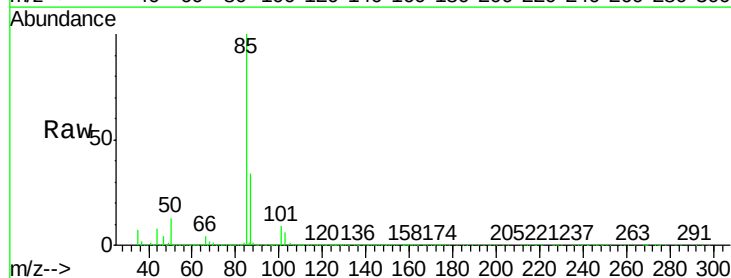
Acq: 06 Feb 2020 13:17

Tgt Ion: 85 Resp: 88932

Ion Ratio Lower Upper

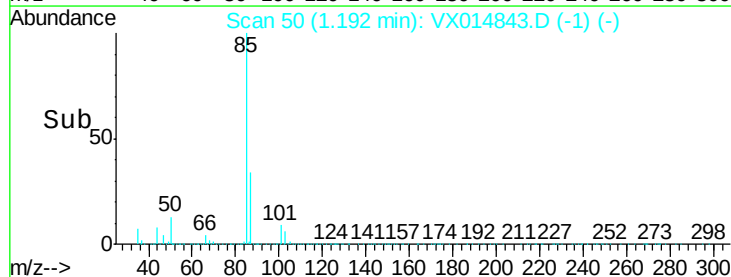
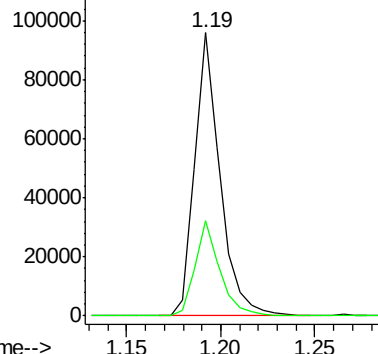
85 100

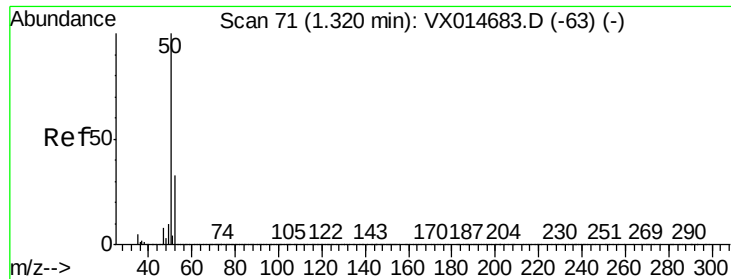
87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.219 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tot Ion	50	Resp	90861
Ion Ratio	100	Lower	Upper
52	32.5	26.2	39.2

Instrument :

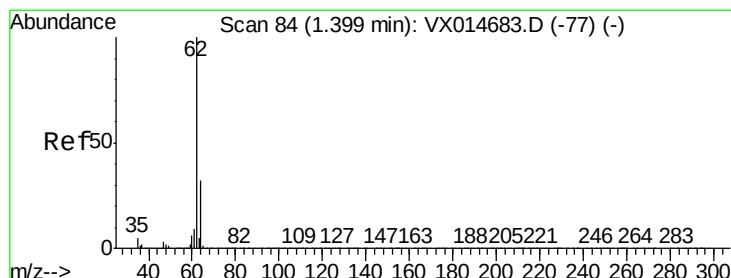
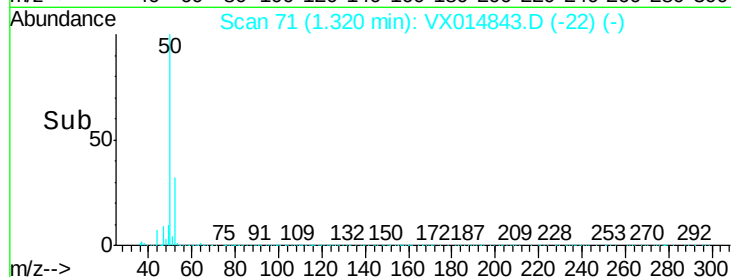
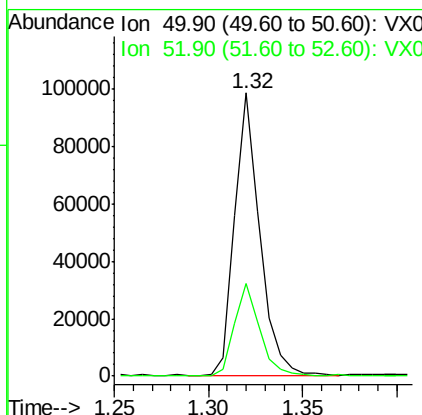
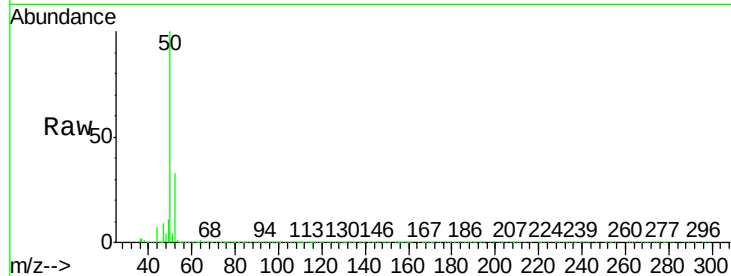
MSVOA_X

ClientSampleId :

VX0206WBSD01

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#4

Vinyl Chloride

Concen: 17.951 ug/l

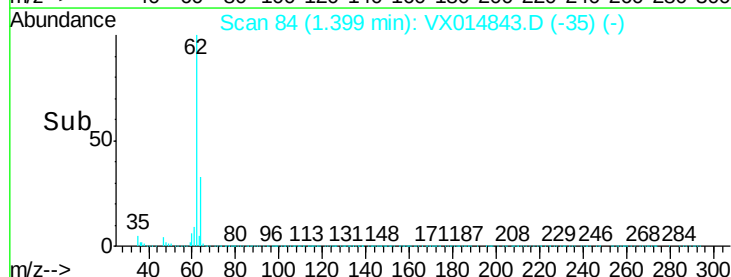
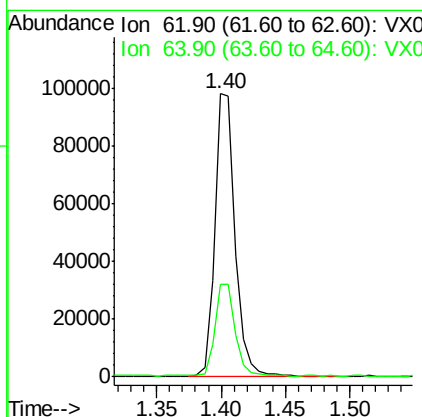
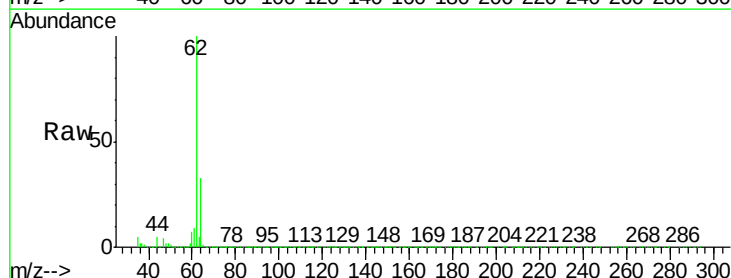
RT: 1.40 min Scan# 84

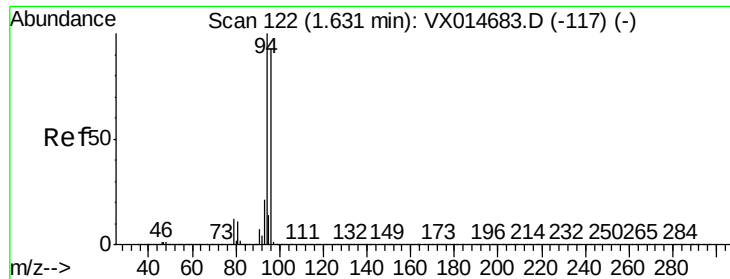
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion	62	Resp	108729
Ion Ratio	100	Lower	Upper
64	32.4	25.4	38.2





#5

Bromomethane

Concen: 16.321 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 94 Resp: 67150

Ion Ratio Lower Upper

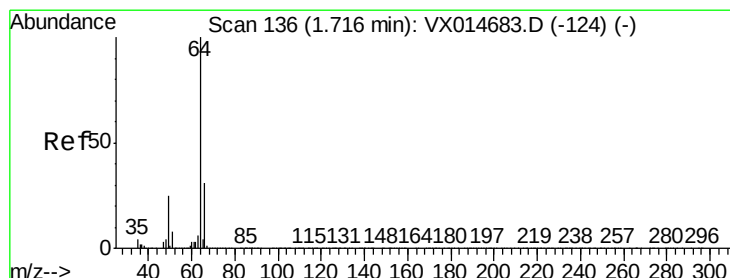
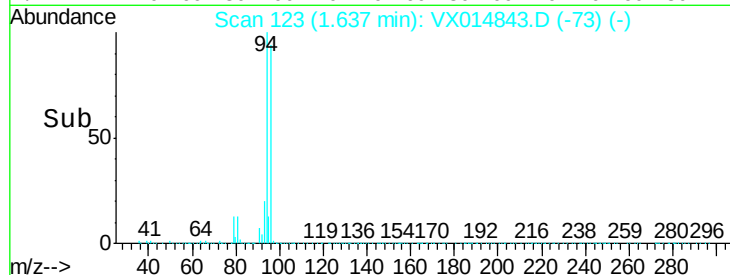
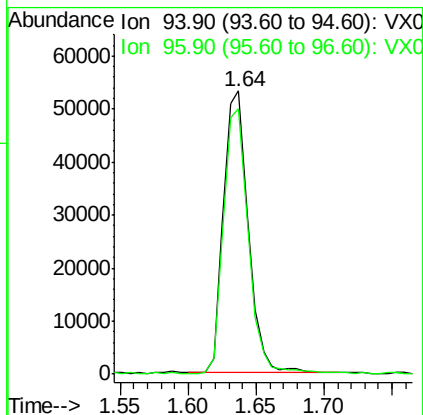
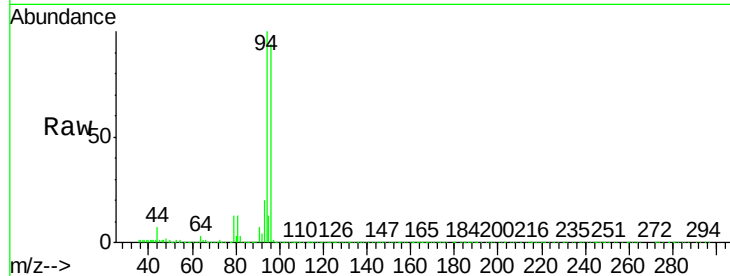
94 100

96 93.7 74.7 112.1

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#6

Chloroethane

Concen: 17.053 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014843.D

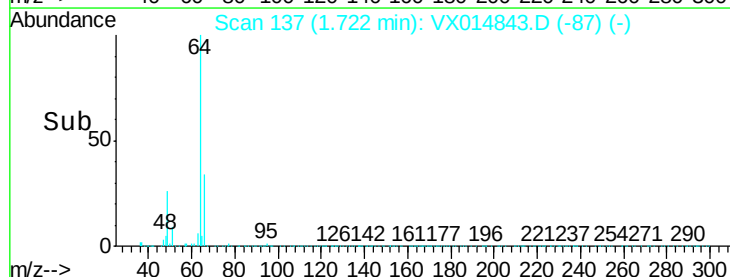
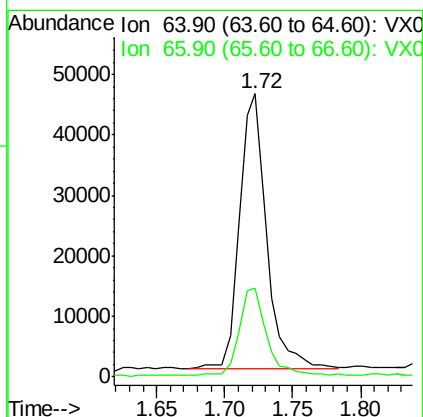
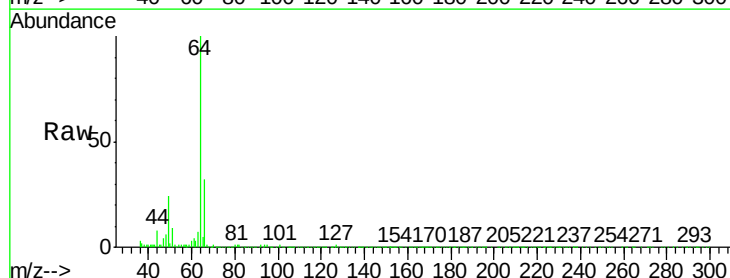
Acq: 06 Feb 2020 13:17

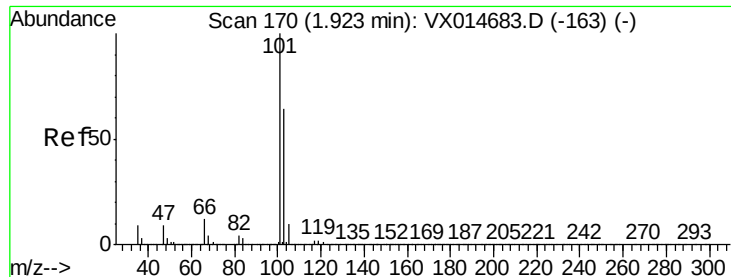
Tgt Ion: 64 Resp: 62257

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8





#7

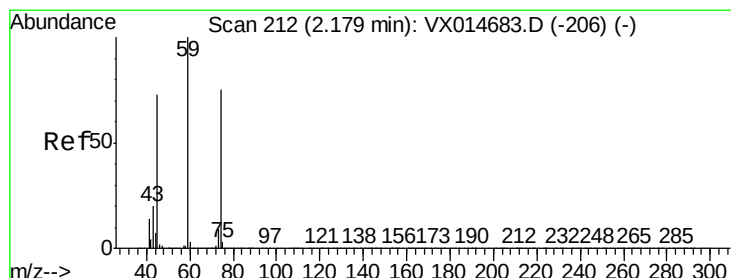
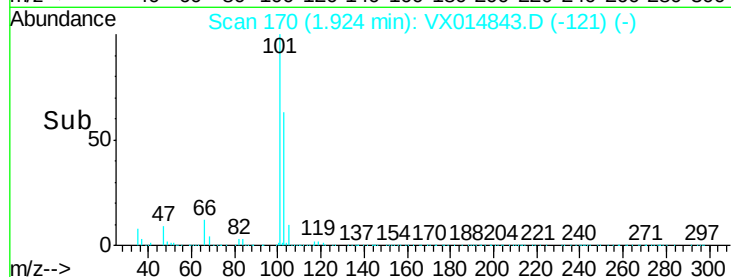
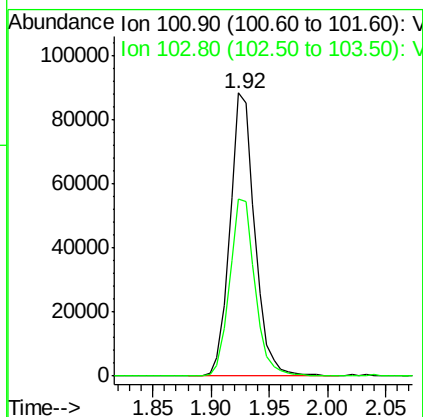
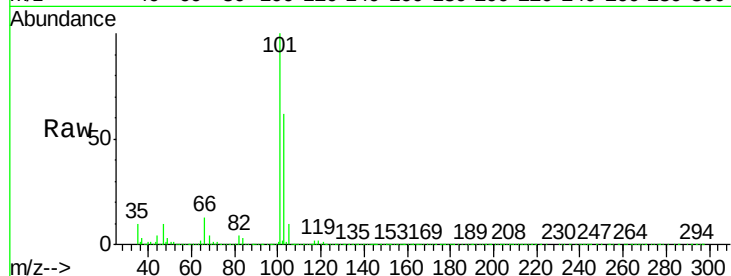
Trichlorofluoromethane
Concen: 18.476 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

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ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.0	76.6

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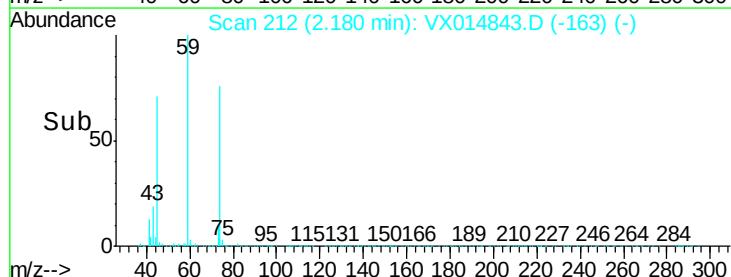
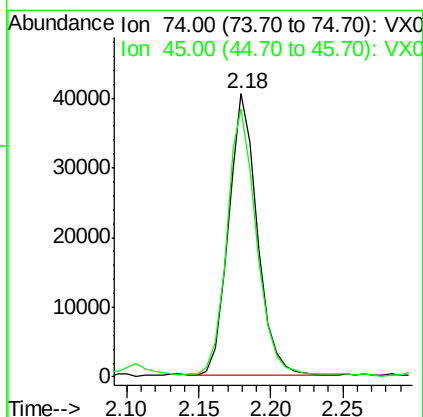
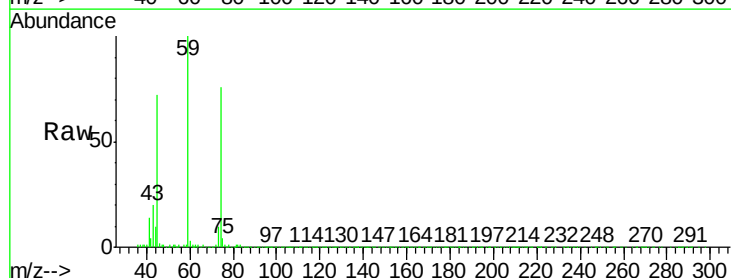
MMDadoda
2/7/2020 11:44:52 AM

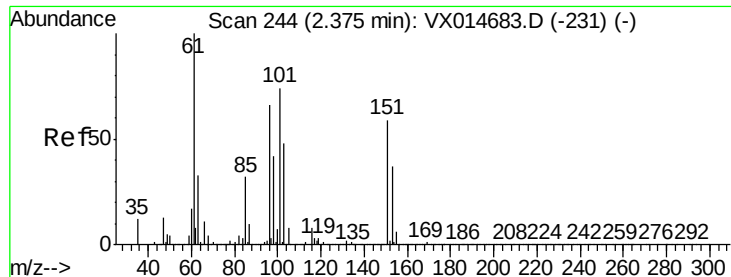


#8

Diethyl Ether
Concen: 18.416 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.686 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

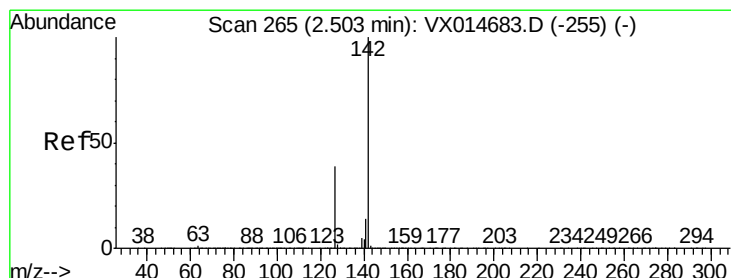
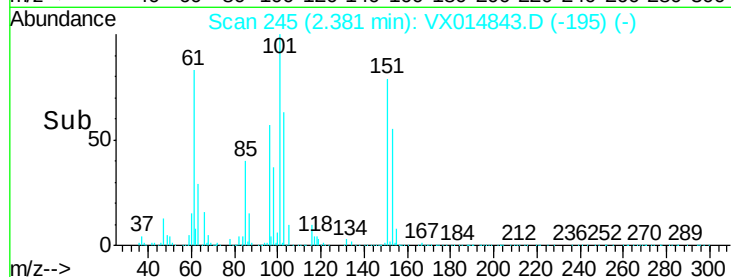
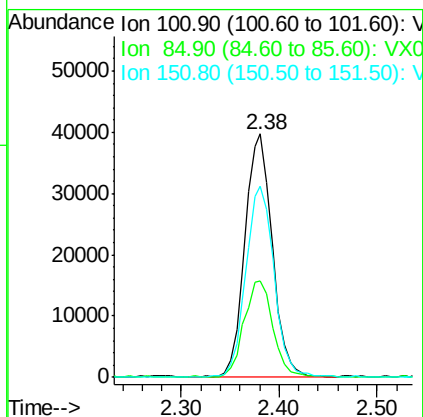
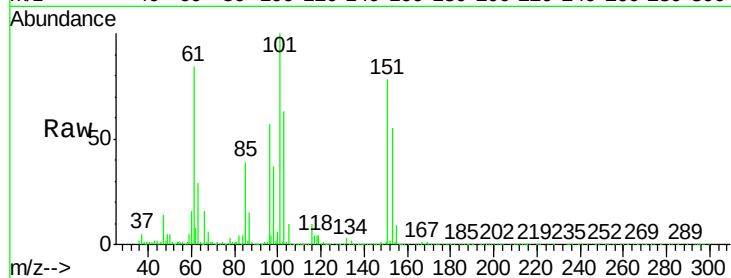
ClientSampleId :

VX0206WBSD01

Tot Ion:	101	Resp:	77367
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.7	52.1
151	81.0	64.7	97.1

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2/7/2020 11:44:52 AM



#10

Methyl Iodide

Concen: 18.124 ug/l

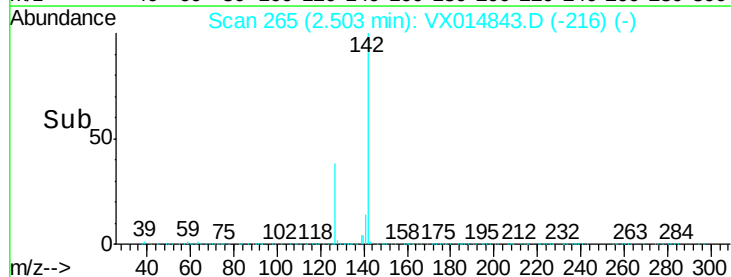
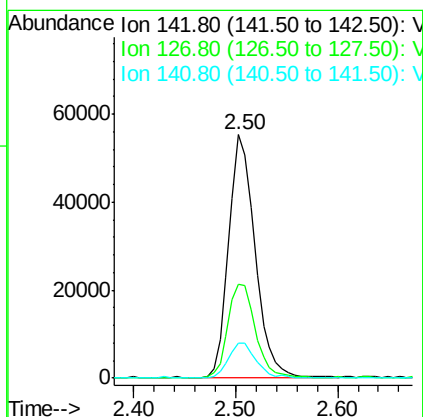
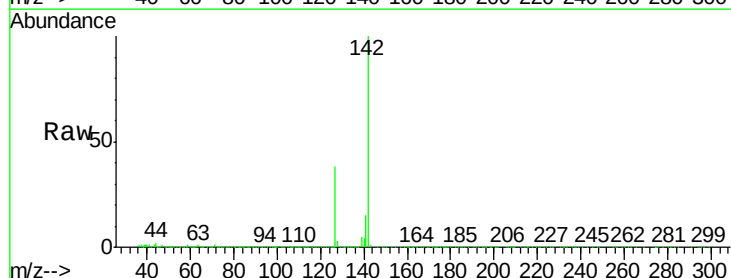
RT: 2.50 min Scan# 265

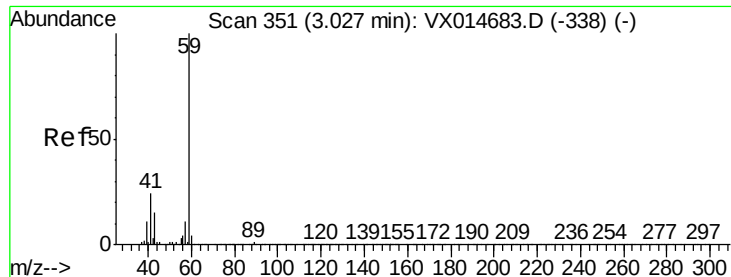
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	142	Resp:	98462
Ion Ratio	Lower	Upper	
142	100		
127	40.9	31.1	46.7
141	15.3	11.3	16.9





#11

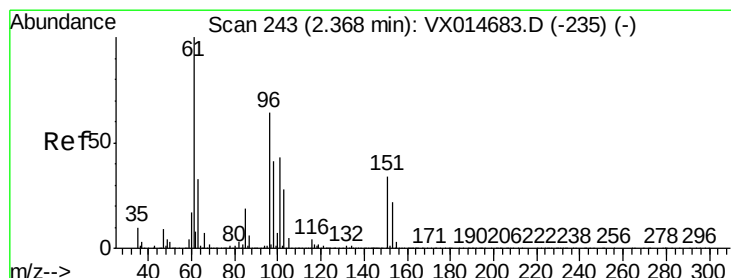
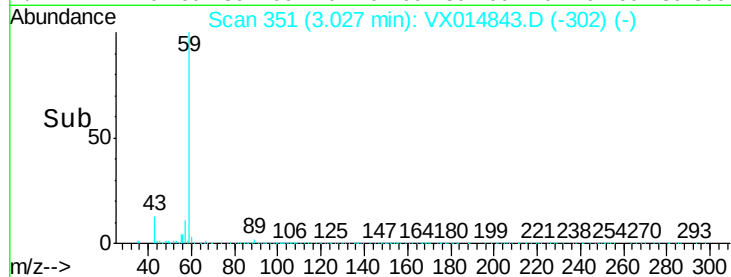
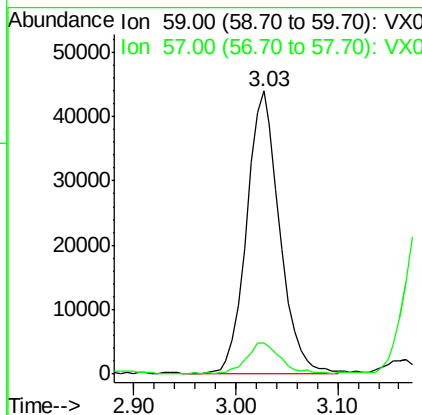
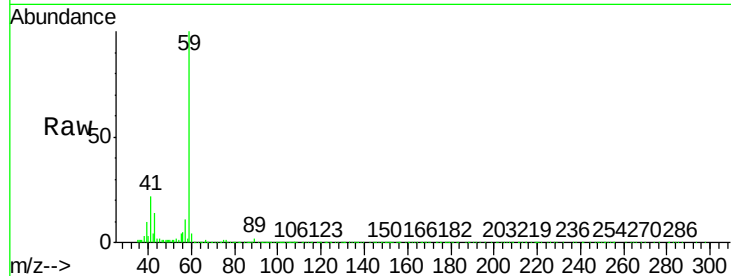
Tert butyl alcohol
Concen: 90.032 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

Manual Integrations
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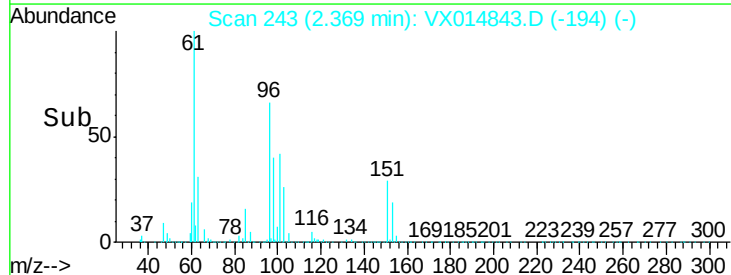
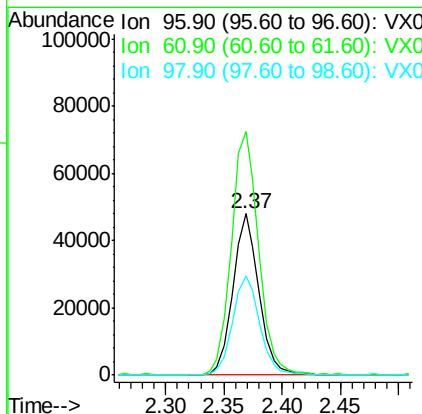
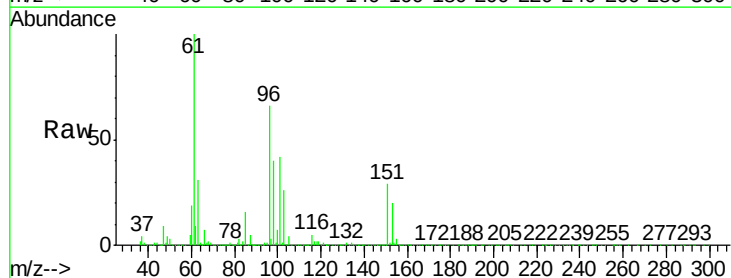
MMDadoda
2/7/2020 11:44:52 AM

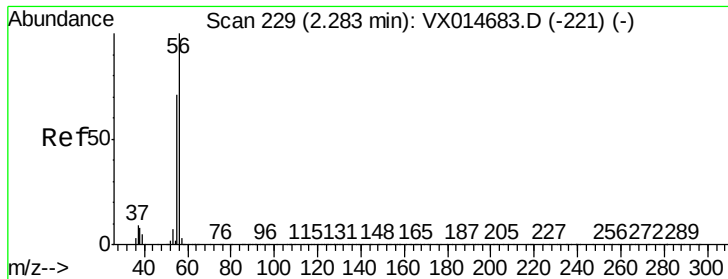


#12

1,1-Dichloroethene
Concen: 17.949 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	125.8	188.8
98	60.9	51.5	77.3





#13

Acrolein

Concen: 76.817 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 56 Resp: 65757

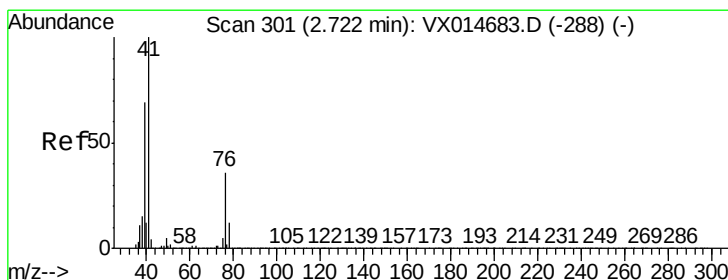
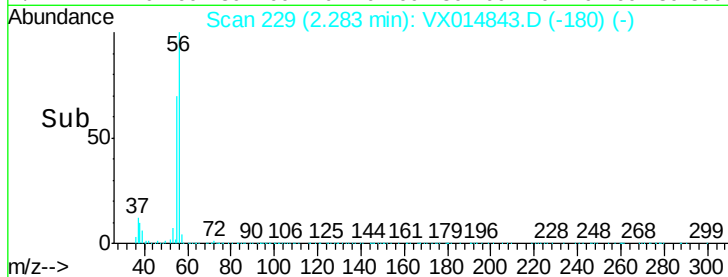
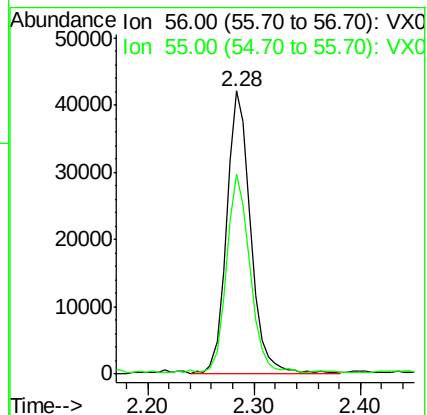
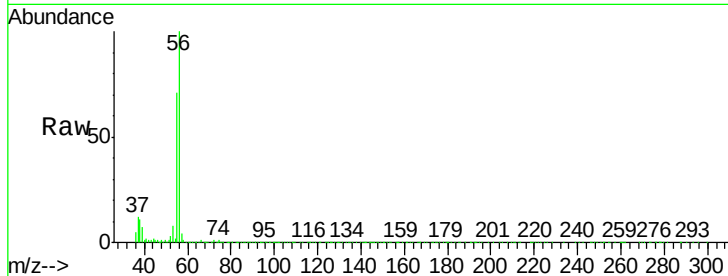
Ion Ratio Lower Upper

56 100

55 68.6 56.6 84.8

Manual Integrations
APPROVED

MMDadoda
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#14

Allyl chloride

Concen: 17.804 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

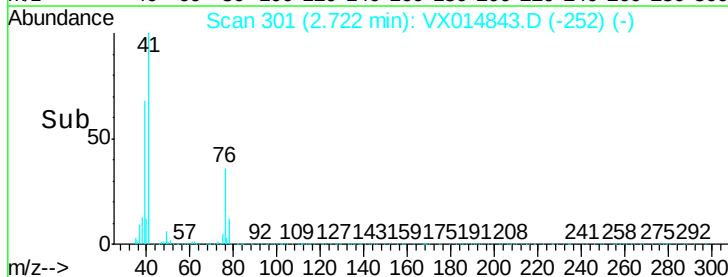
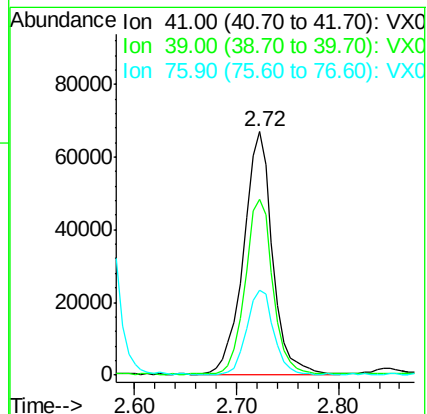
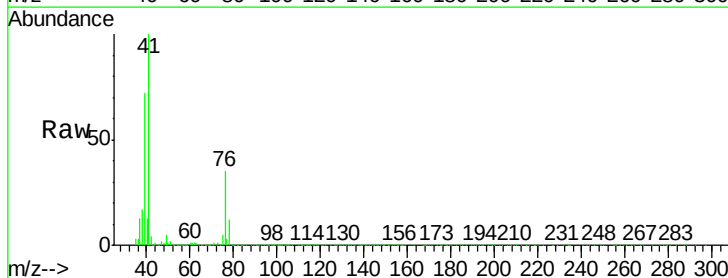
Tgt Ion: 41 Resp: 131732

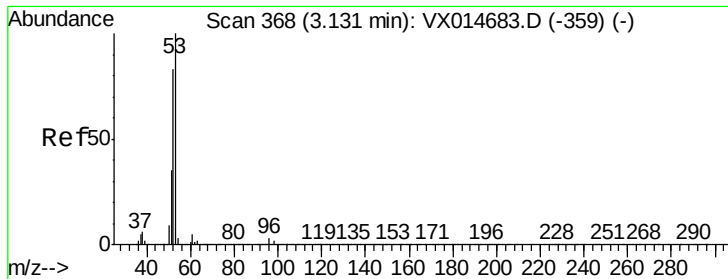
Ion Ratio Lower Upper

41 100

39 68.4 52.0 78.0

76 32.5 26.0 39.0





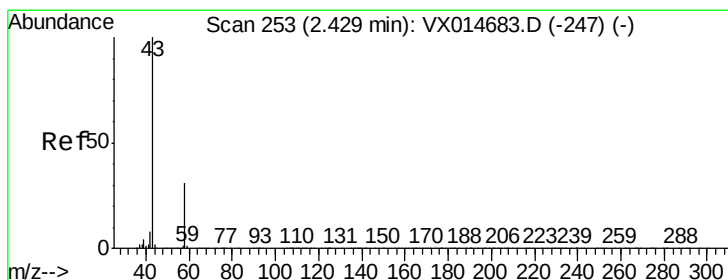
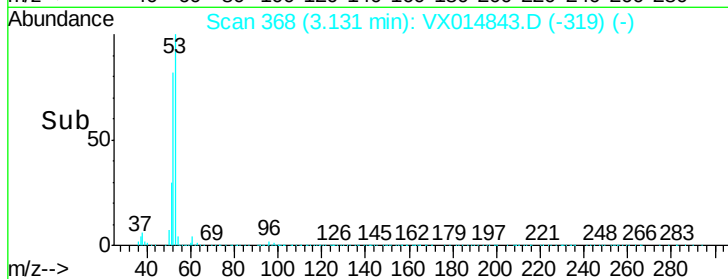
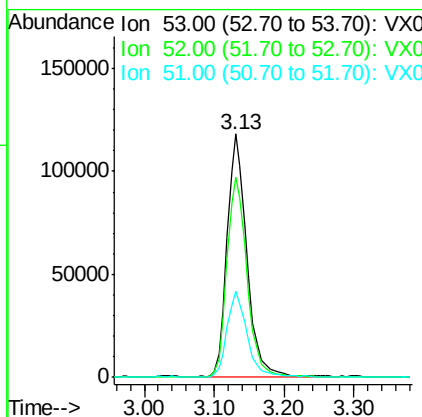
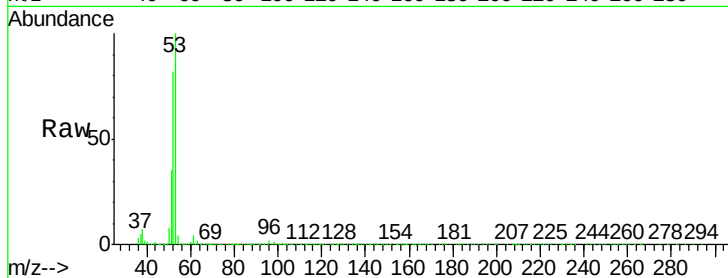
#15
 Acrylonitrile
 Concen: 92.175 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.7	66.4	99.6	
51	35.6	28.7	43.1	

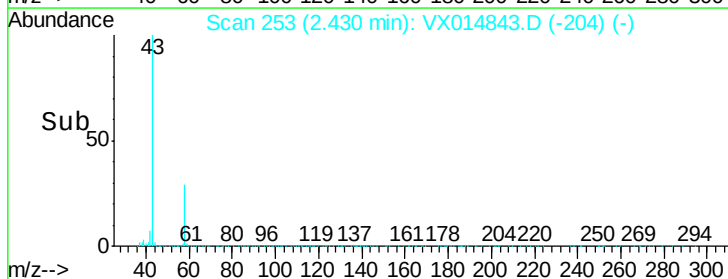
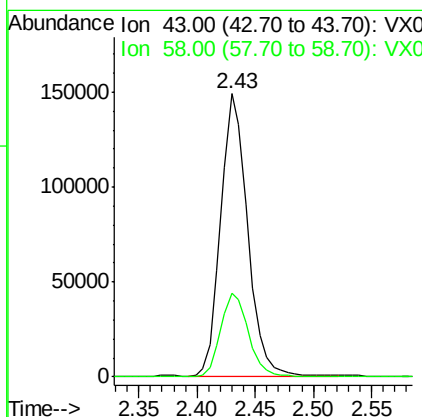
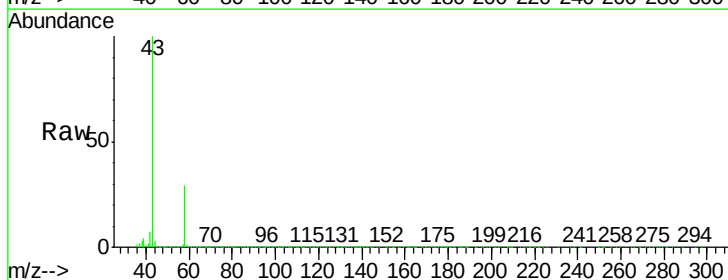
Manual Integrations
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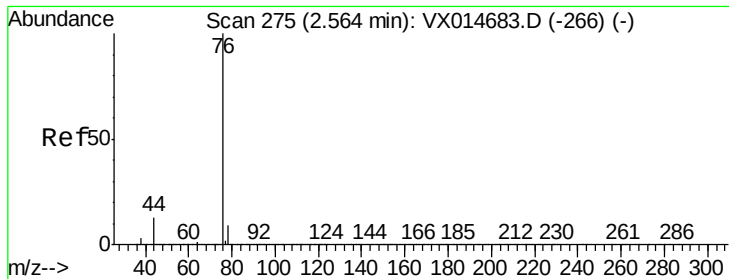
MMDadoda
 2/7/2020 11:44:52 AM



#16
 Acetone
 Concen: 89.316 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	29.4	24.5	36.7	





#17

Carbon Disulfide

Concen: 15.385 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tot Ion: 76 Resp: 173097

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

Instrument :

MSVOA_X

ClientSampleId :

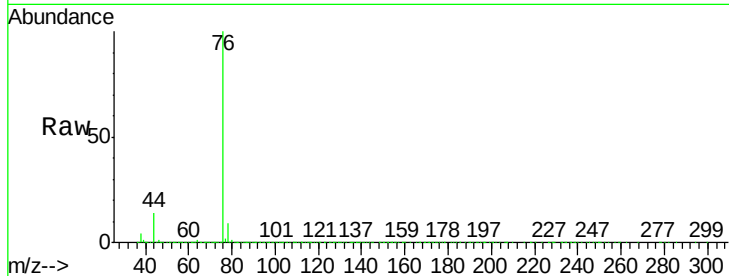
VX0206WBSD01

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

40000

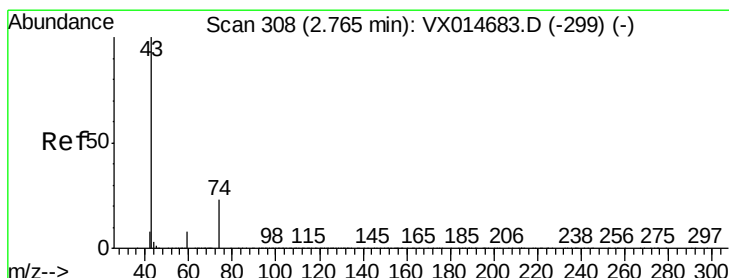
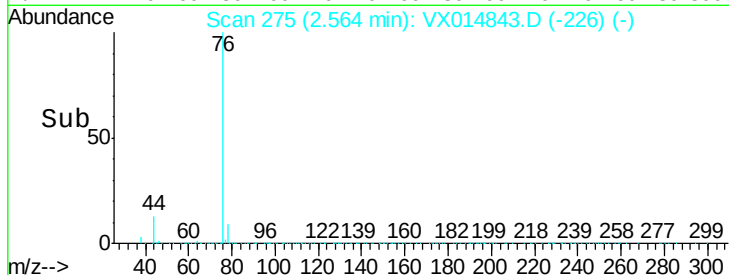
20000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.301 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014843.D

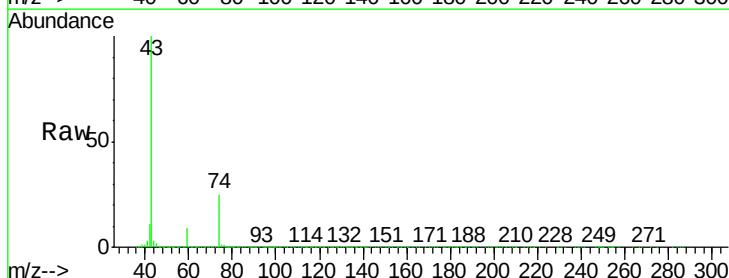
Acq: 06 Feb 2020 13:17

Tgt Ion: 43 Resp: 146014

Ion Ratio Lower Upper

43 100

74 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

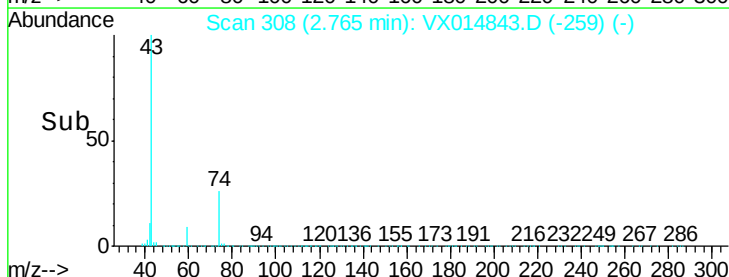
20000

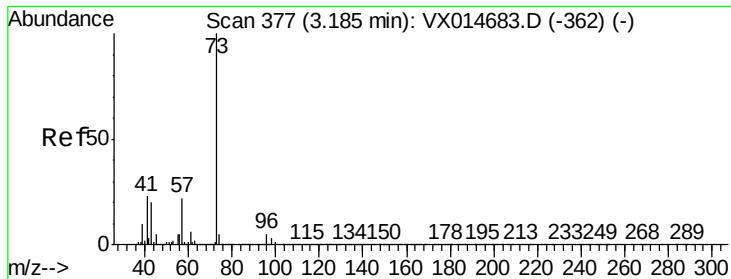
0

2.76

2.70 2.80 2.90

Time-->





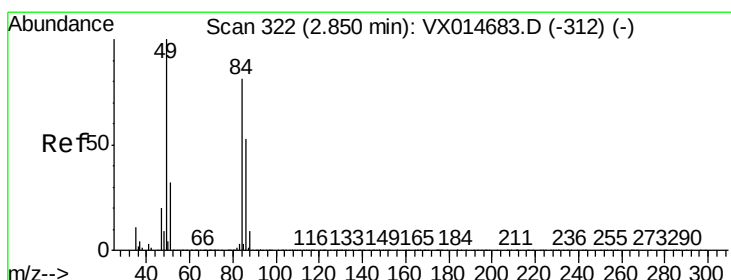
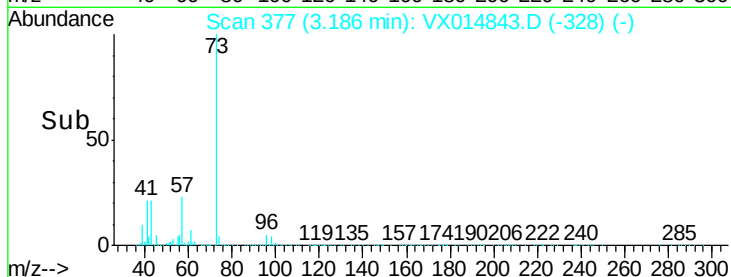
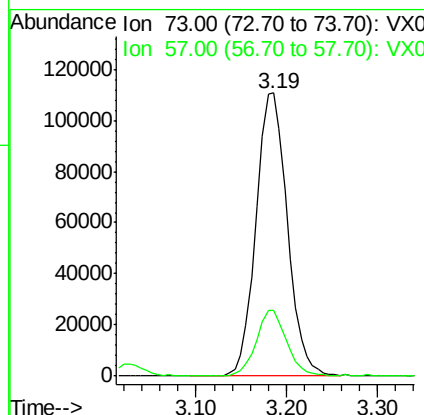
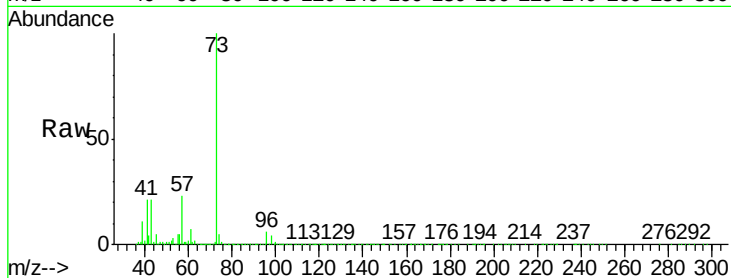
#19
Methyl tert-butyl Ether
Concen: 19.706 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.0	27.0

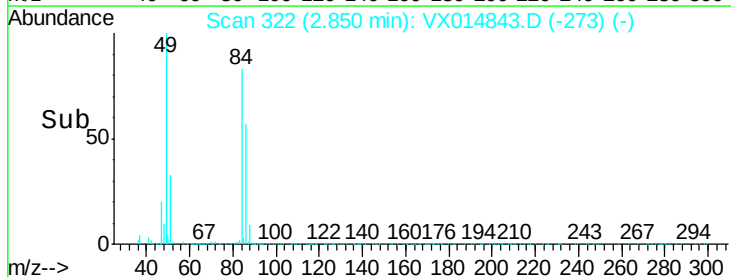
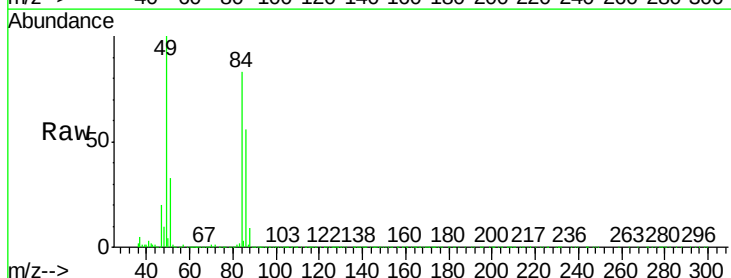
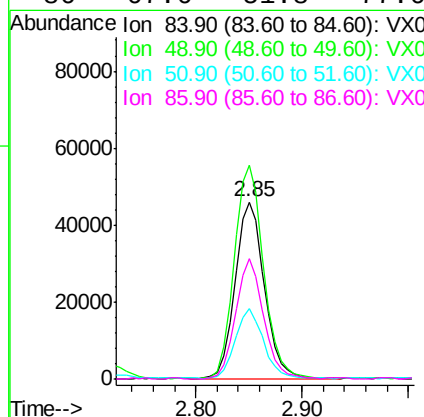
Manual Integrations
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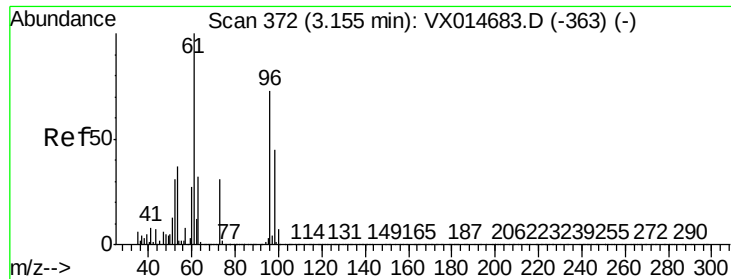
MMDadoda
2/7/2020 11:44:52 AM



#20
Methylene Chloride
Concen: 18.232 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	98.2	147.4
51	39.3	31.3	46.9
86	67.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.395 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

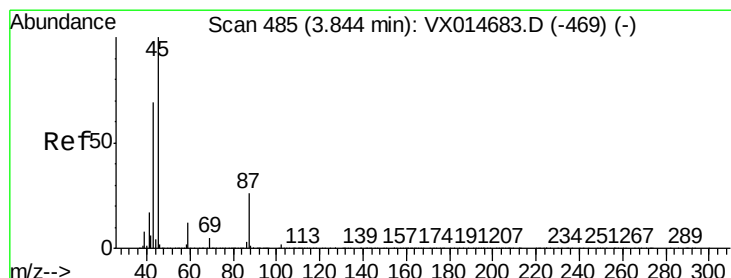
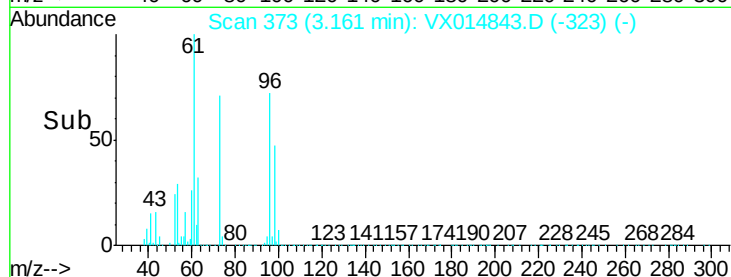
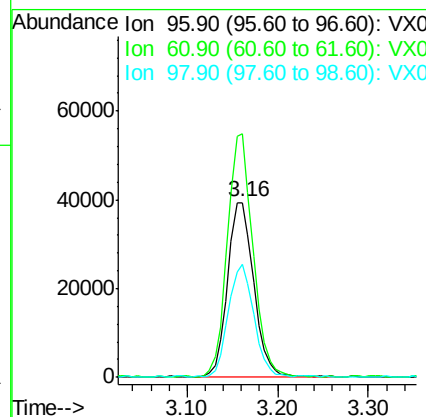
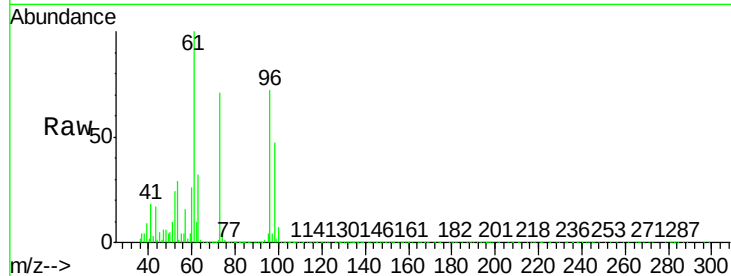
ClientSampled :

VX0206WBSD01

Tot Ion:	96	Resp:	78846
Ion Ratio	Lower	Upper	
96	100		
61	139.7	109.8	164.6
98	64.9	49.6	74.4

Manual Integrations
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2/7/2020 11:44:52 AM



#22

Diisopropyl ether

Concen: 19.120 ug/l

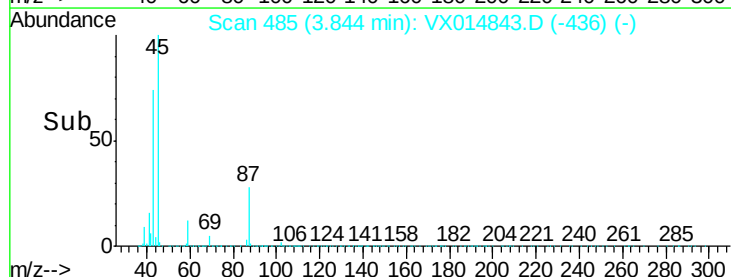
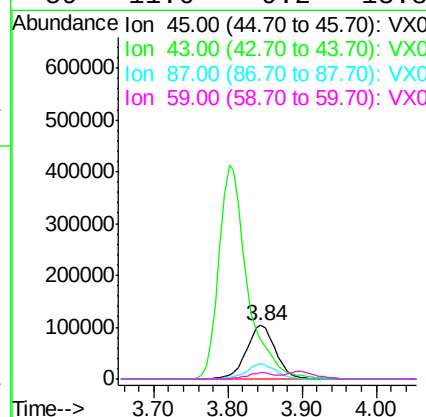
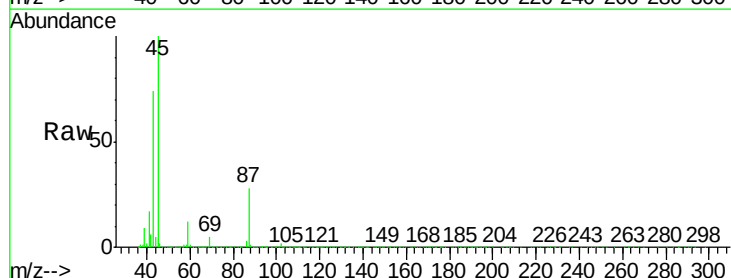
RT: 3.84 min Scan# 485

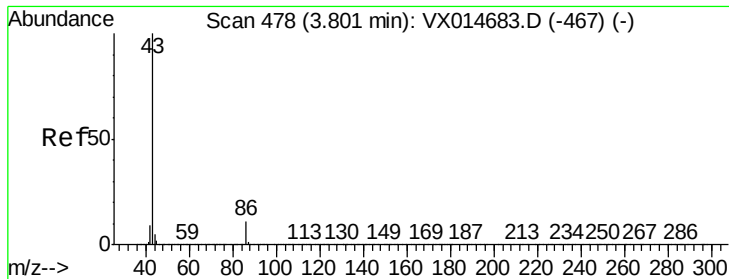
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	45	Resp:	281465
Ion Ratio	Lower	Upper	
45	100		
43	73.6	55.1	82.7
87	27.7	20.7	31.1
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 97.211 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VX0206WBSD01

Tot Ion: 43 Resp: 1090880

Ion Ratio Lower Upper

43 100

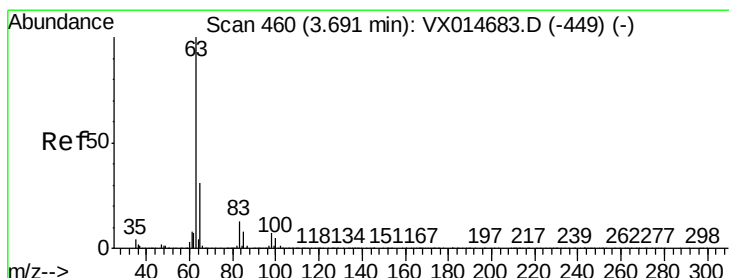
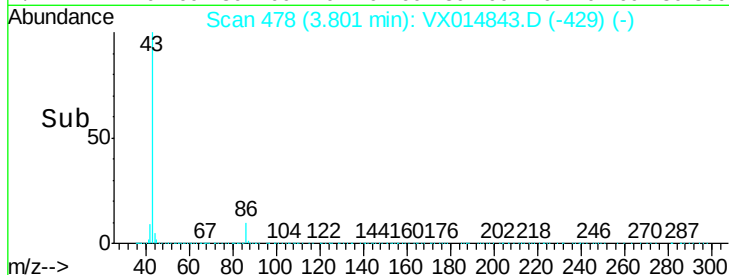
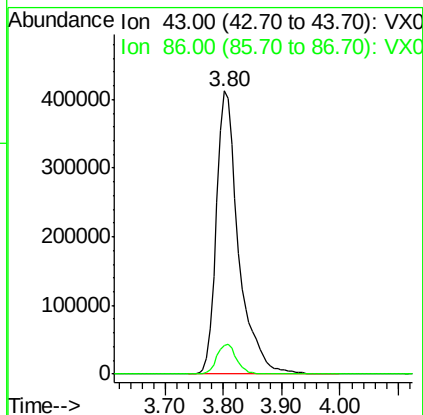
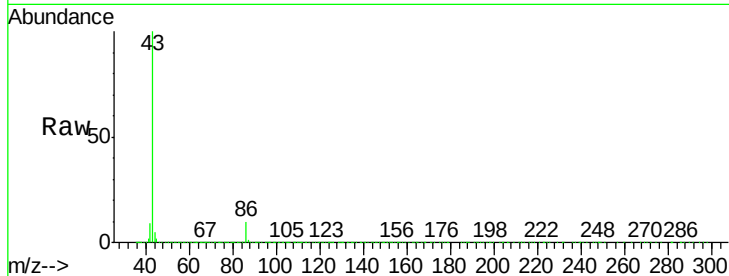
86 10.2 8.4 12.6

Manual Integrations

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MMDadoda

2/7/2020 11:44:52 AM



#24

1,1-Dichloroethane

Concen: 18.909 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

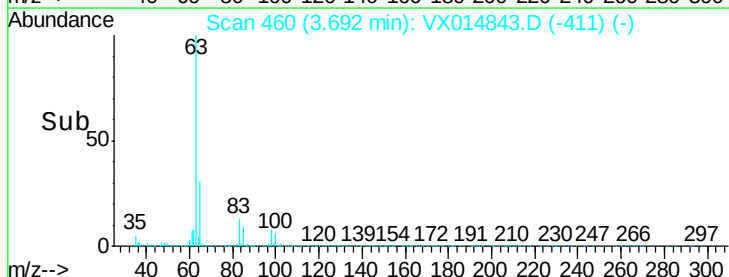
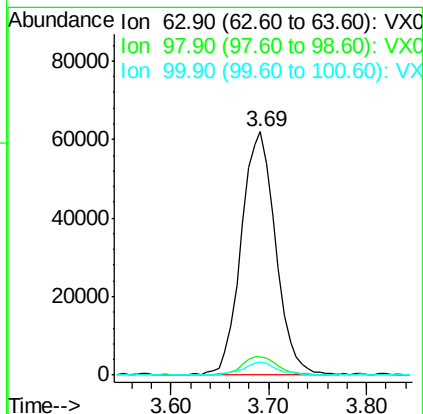
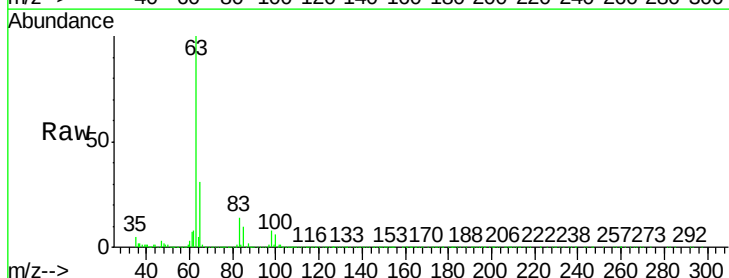
Tgt Ion: 63 Resp: 151172

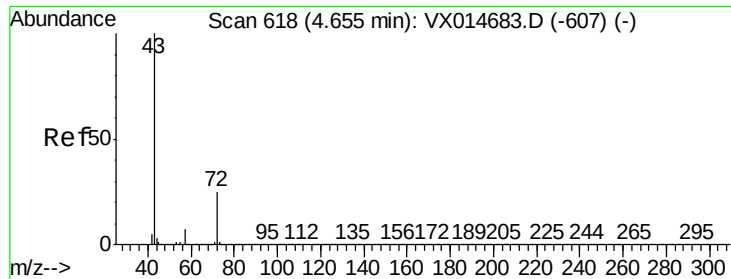
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.5 2.2 6.6





#25

2-Butanone

Concen: 89.858 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VX0206WBSD01

Tot Ion: 43 Resp: 341210

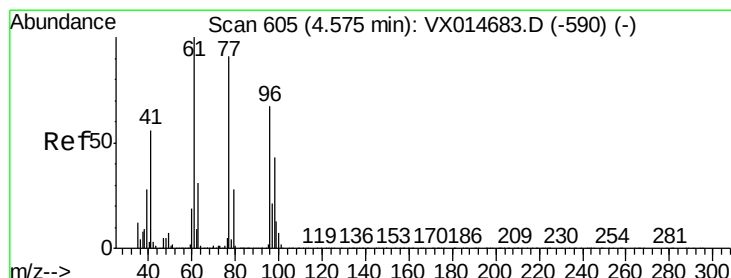
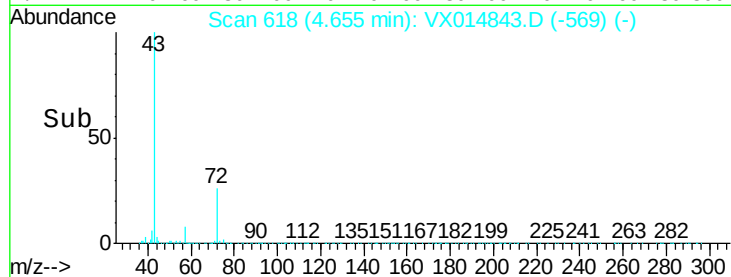
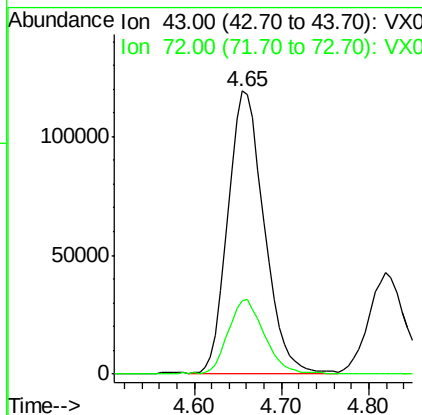
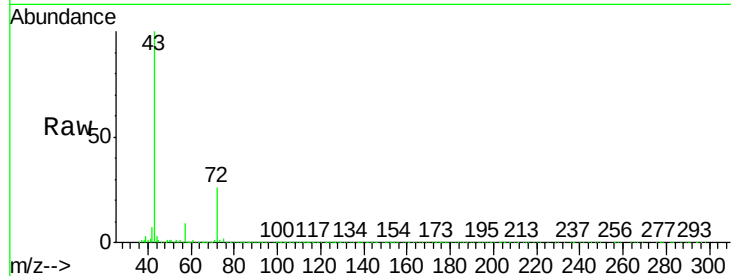
Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9

Manual Integrations
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2/7/2020 11:44:52 AM



#26

2,2-Dichloropropane

Concen: 19.761 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014843.D

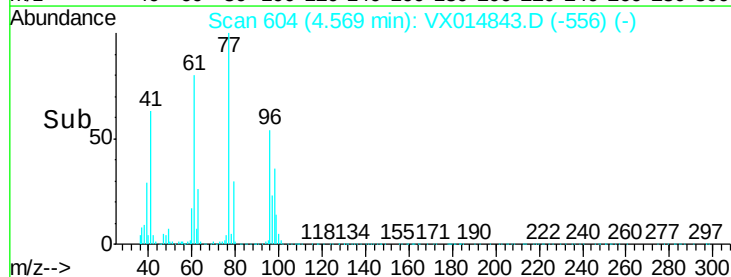
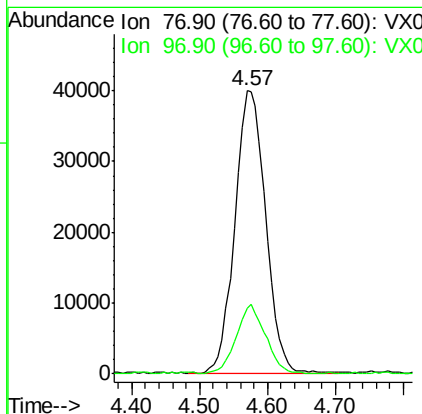
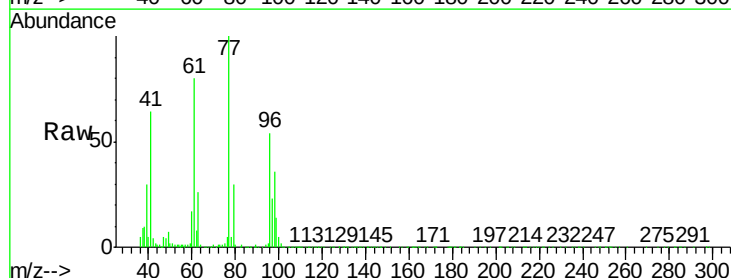
Acq: 06 Feb 2020 13:17

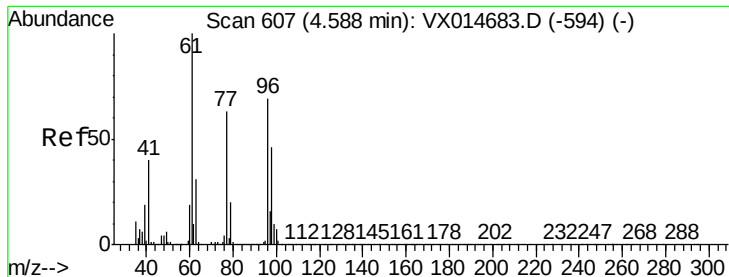
Tgt Ion: 77 Resp: 126450

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





#27

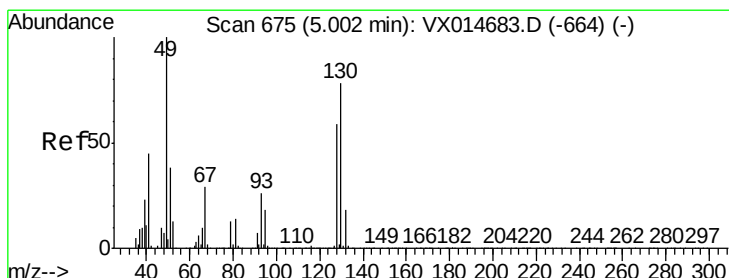
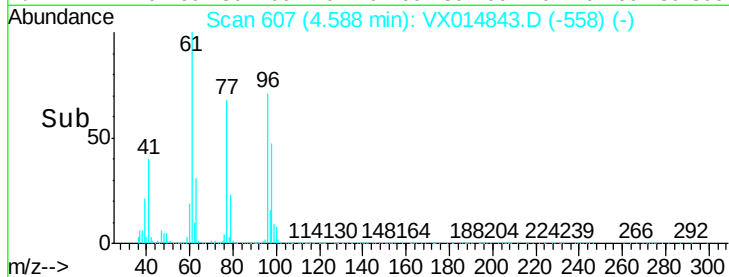
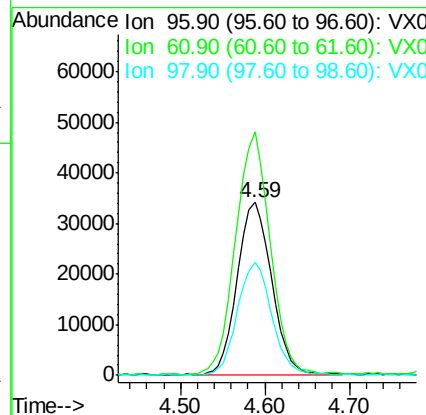
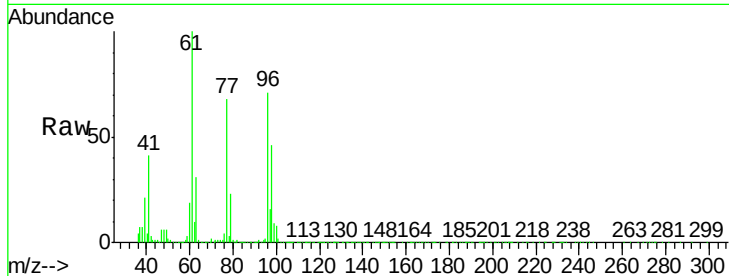
cis-1,2-Dichloroethene
Concen: 18.764 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	291.0
98	64.0	0.0	129.8

Manual Integrations
APPROVED

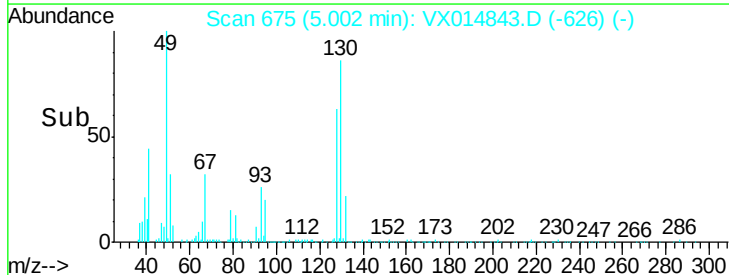
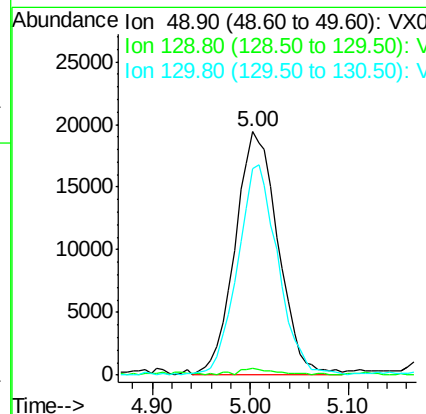
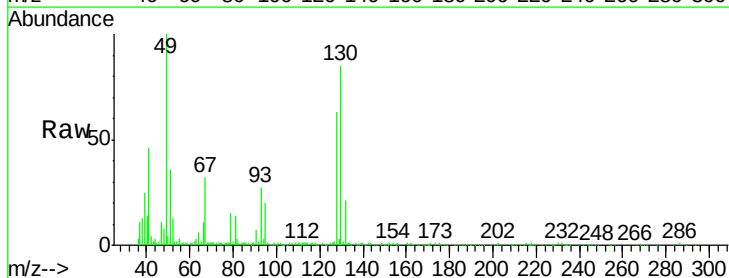
MMDadoda
2/7/2020 11:44:52 AM

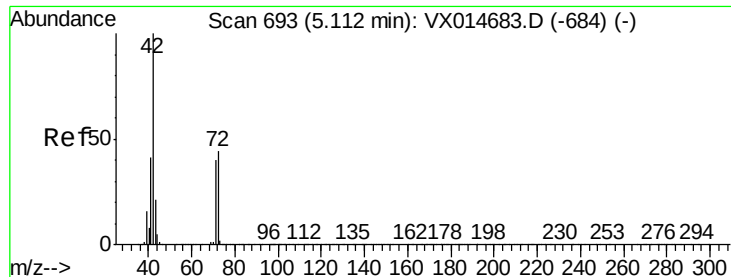


#28

Bromochloromethane
Concen: 16.883 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	81.4	62.4	93.6





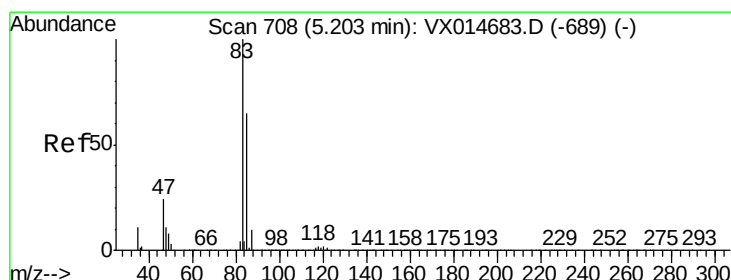
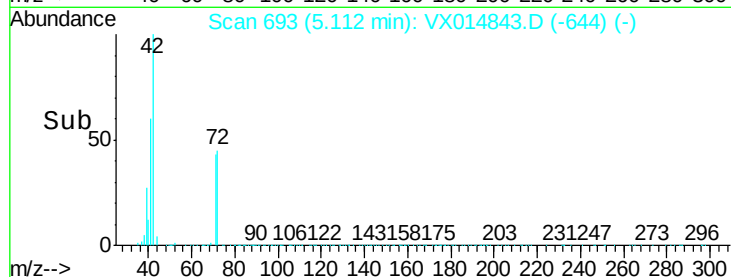
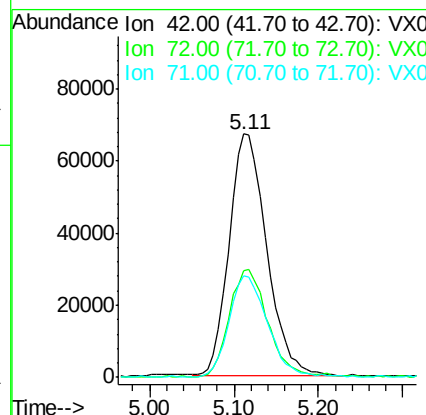
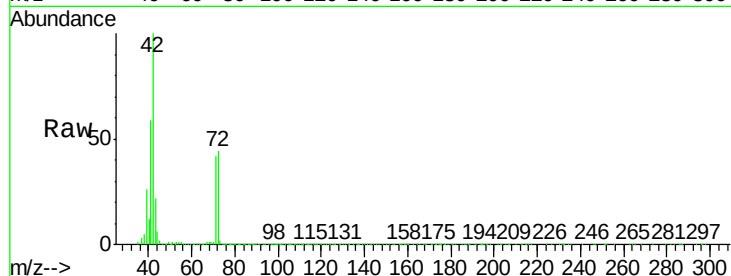
#29
Tetrahydrofuran
Concen: 89.903 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.3	52.9
71	43.5	33.1	49.7

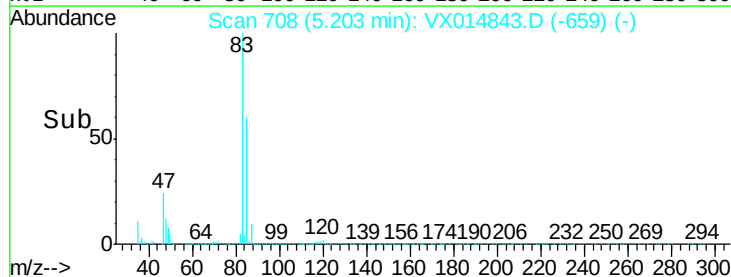
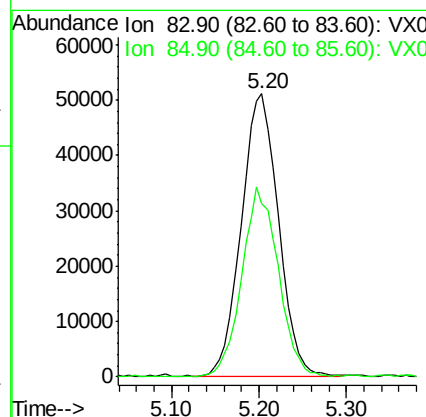
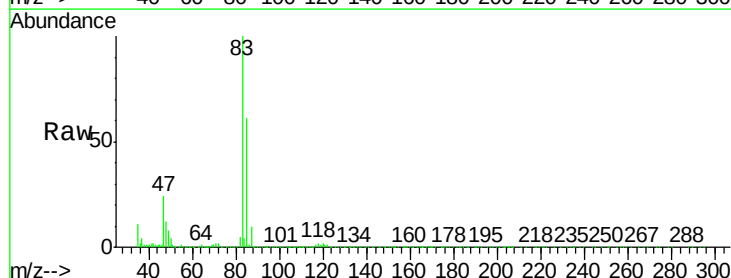
Manual Integrations
APPROVED

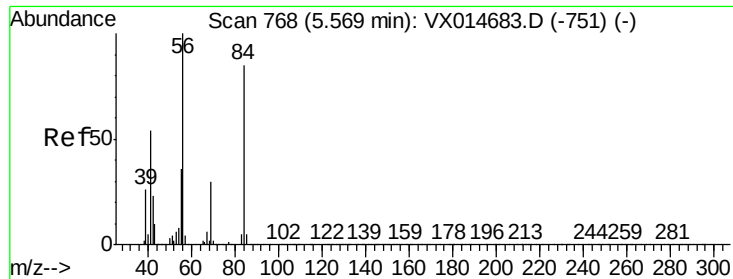
MMDadoda
2/7/2020 11:44:52 AM



#30
Chloroform
Concen: 18.908 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.7	77.5





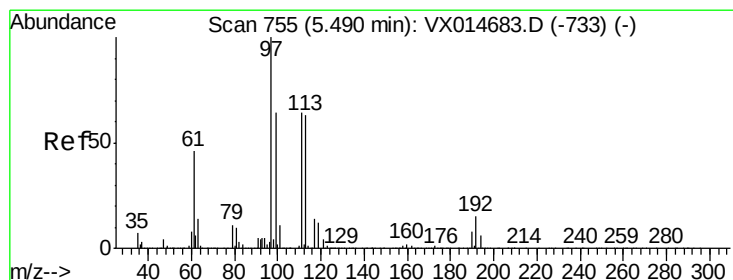
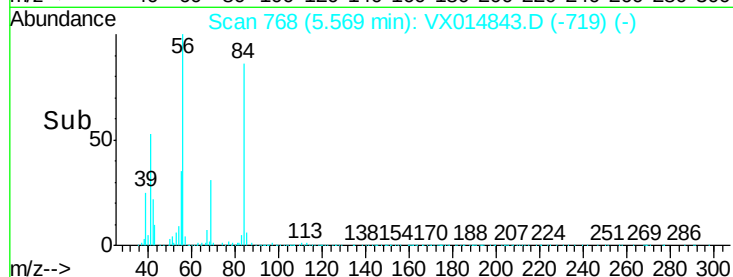
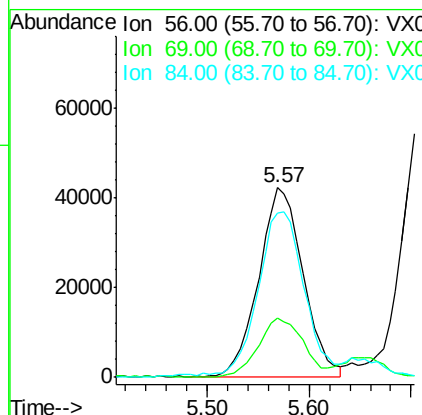
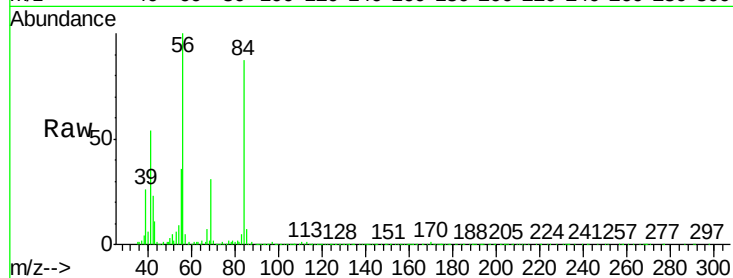
#31
Cyclohexane
Concen: 16.881 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.4	35.2
84	85.0	68.4	102.6

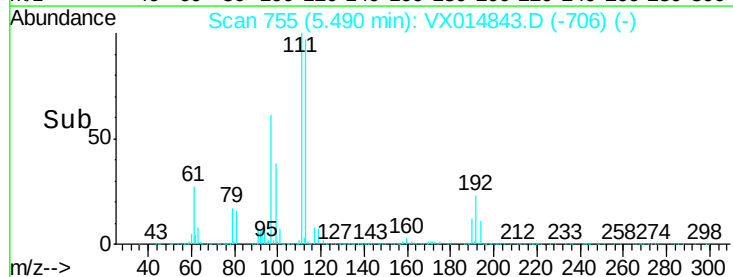
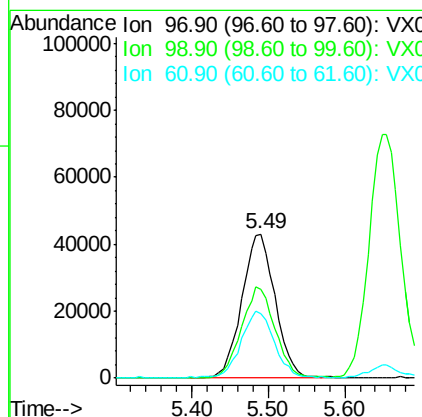
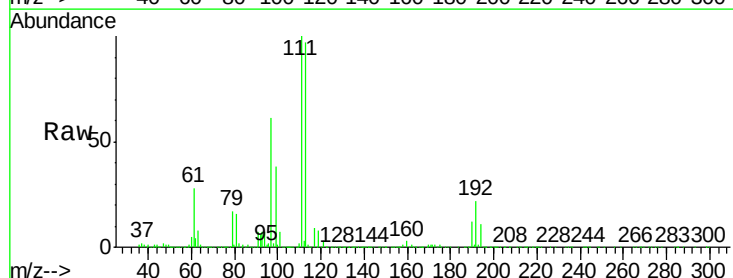
Manual Integrations
APPROVED

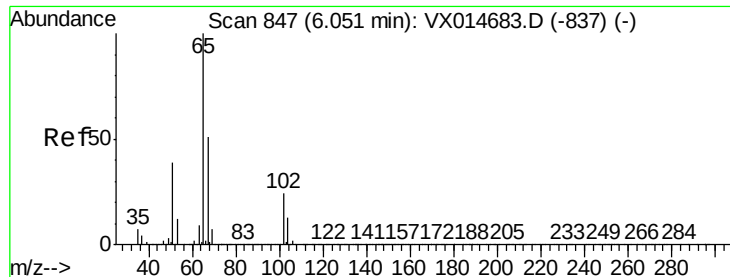
MMDadoda
2/7/2020 11:44:52 AM



#32
1,1,1-Trichloroethane
Concen: 19.309 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	46.6	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 48.813 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 65 Resp: 236045

Ion Ratio Lower Upper

65 100

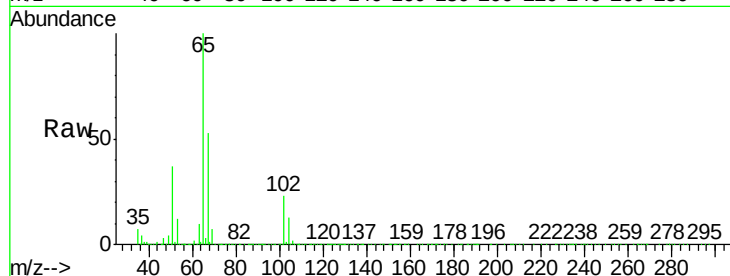
67 52.2 0.0 107.4

Manual Integrations

APPROVED

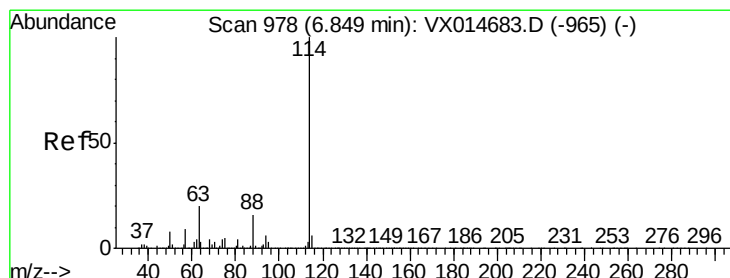
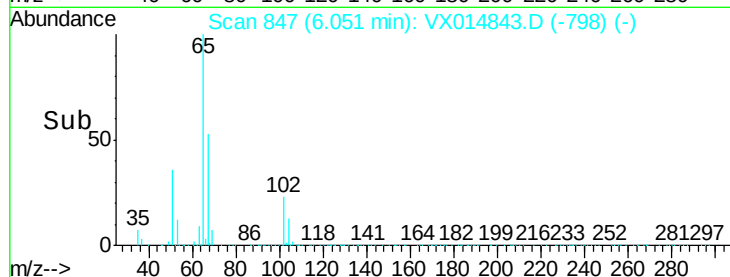
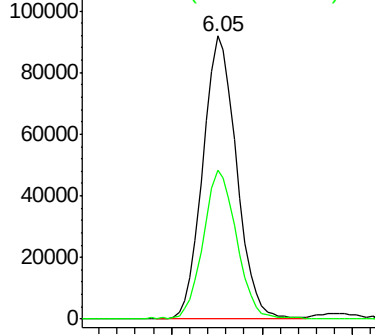
MMDadoda

2/7/2020 11:44:52 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

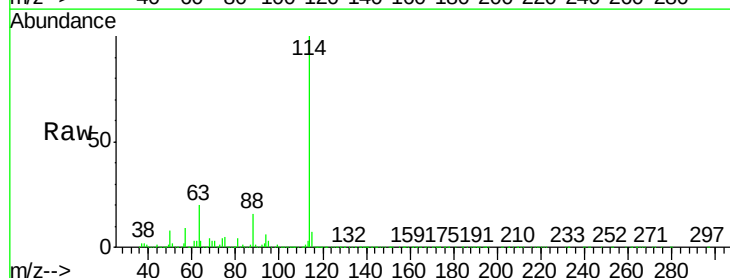
Tgt Ion: 114 Resp: 625311

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

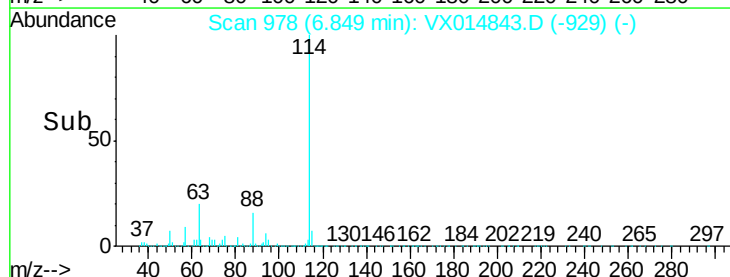
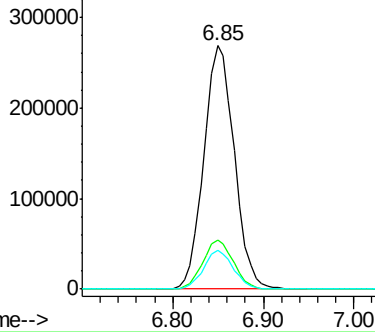
88 15.8 0.0 31.2

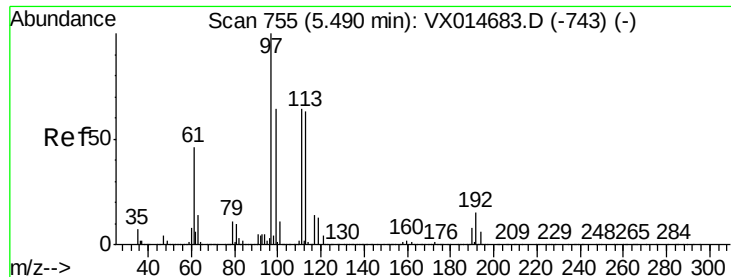


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





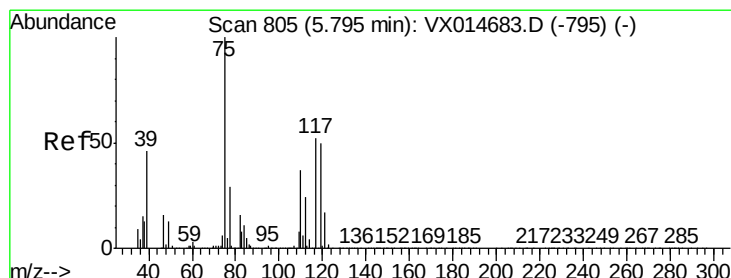
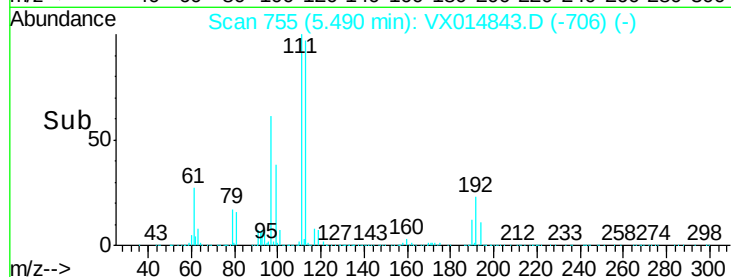
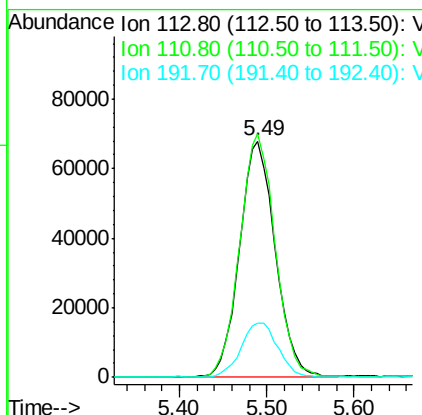
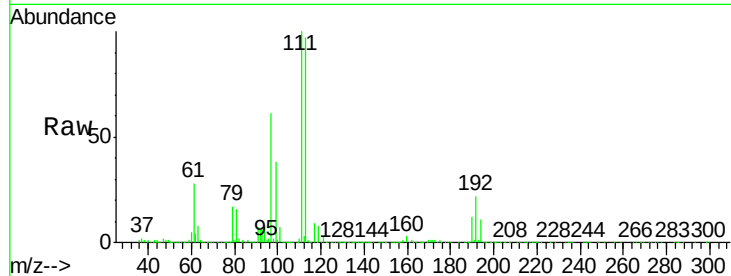
#35
 Dibromofluoromethane
 Concen: 48.973 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193231		
111	102.4	80.7	121.1	
192	24.1	18.5	27.7	

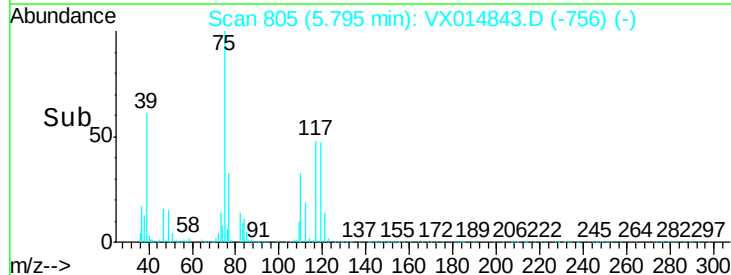
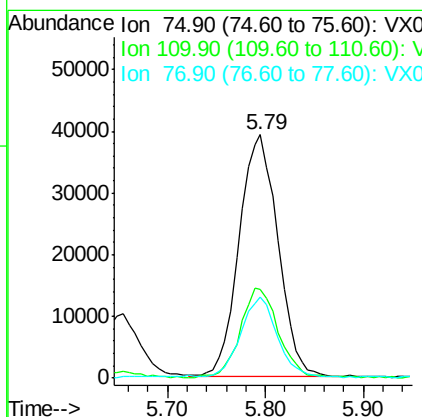
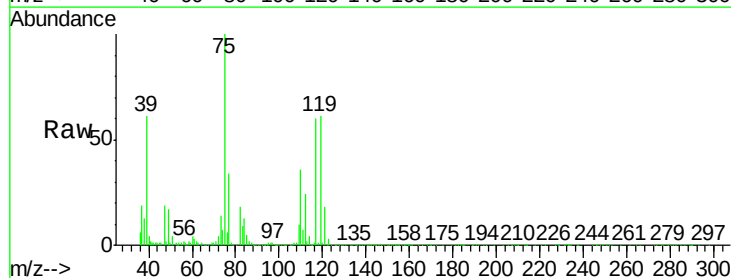
Manual Integrations
 APPROVED

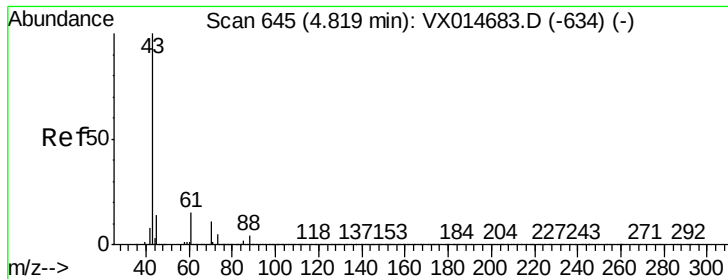
MMDadoda
 2/7/2020 11:44:52 AM



#36
 1,1-Dichloropropene
 Concen: 18.491 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	107437		
110	37.1	17.9	53.7	
77	31.3	24.1	36.1	





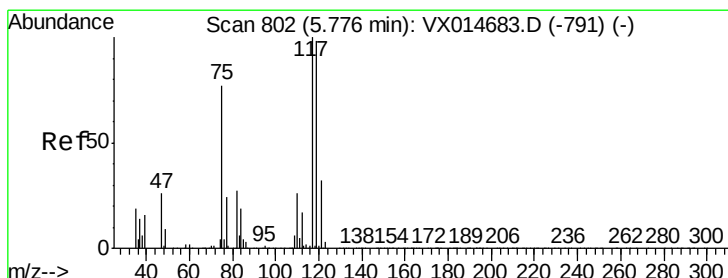
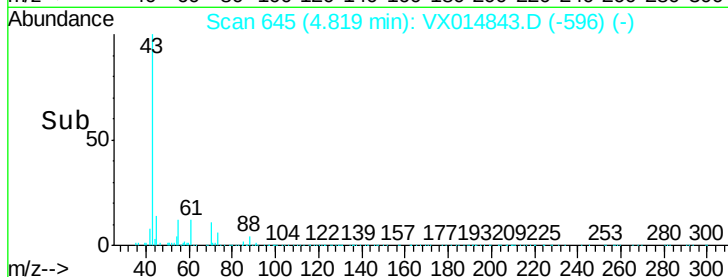
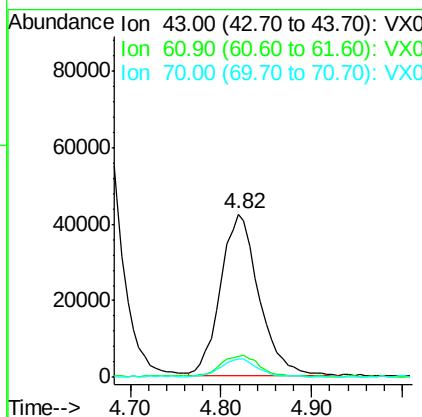
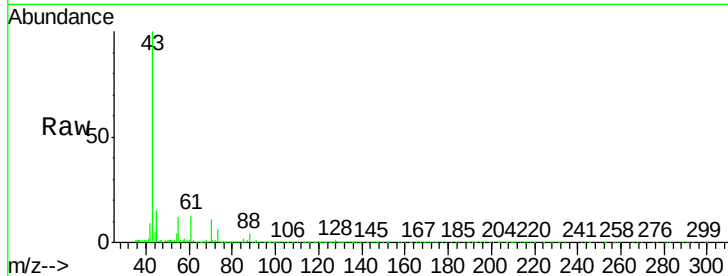
#37
Ethyl Acetate
Concen: 18.580 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.0	16.4
70	10.1	8.5	12.7

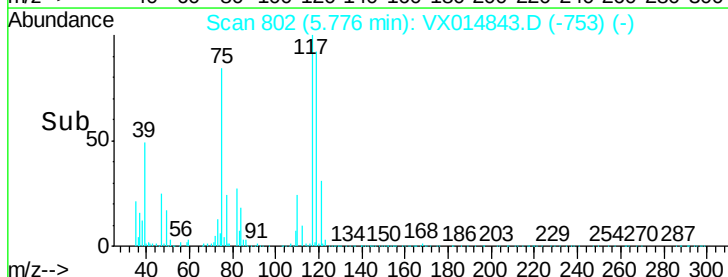
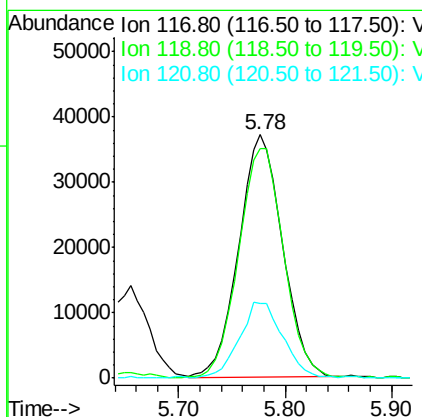
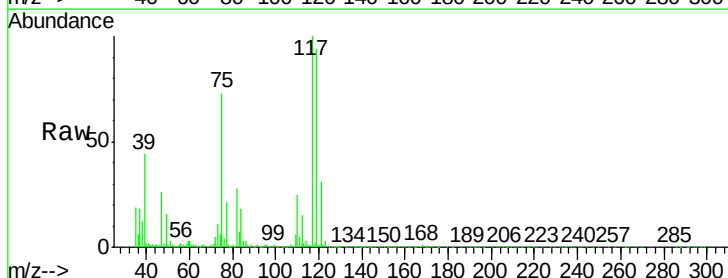
Manual Integrations
APPROVED

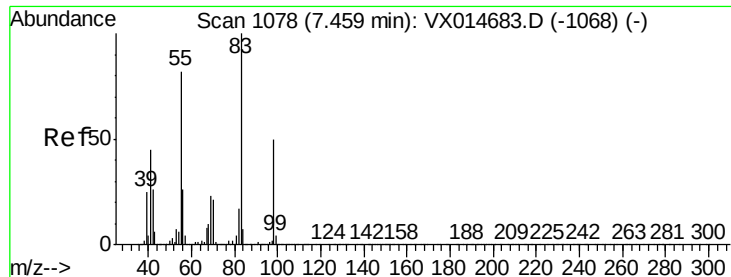
MMDadoda
2/7/2020 11:44:52 AM



#38
Carbon Tetrachloride
Concen: 19.261 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.9	116.9
121	30.6	25.4	38.2





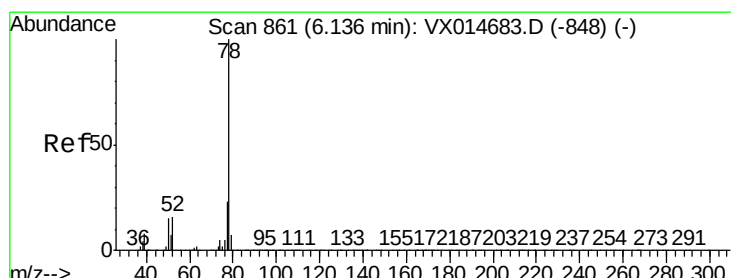
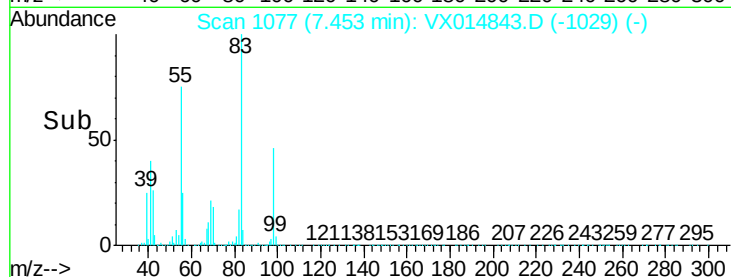
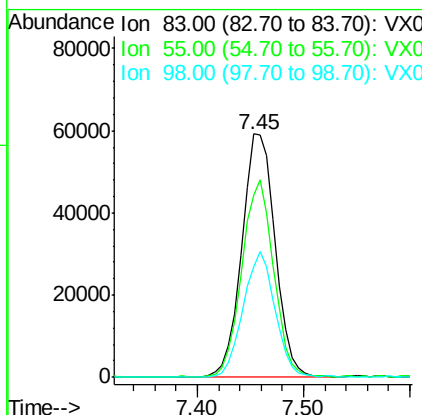
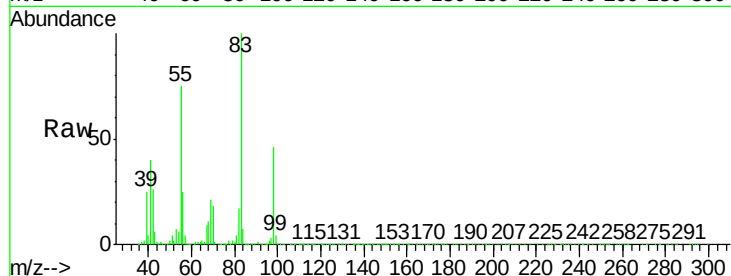
#39
Methylvlcyclohexane
Concen: 17.874 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	65.6	98.4
98	45.5	40.2	60.4

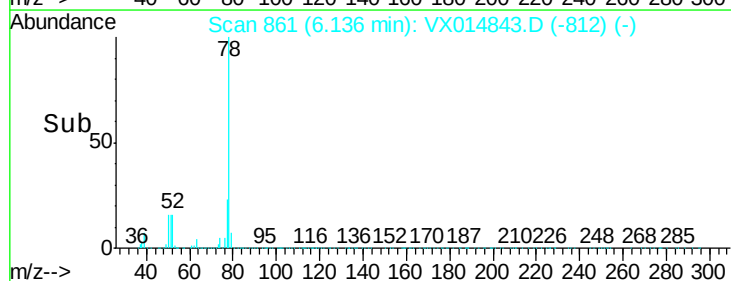
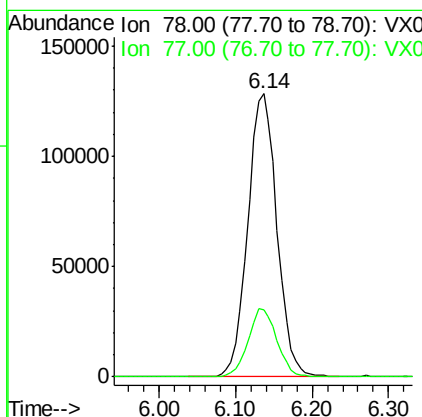
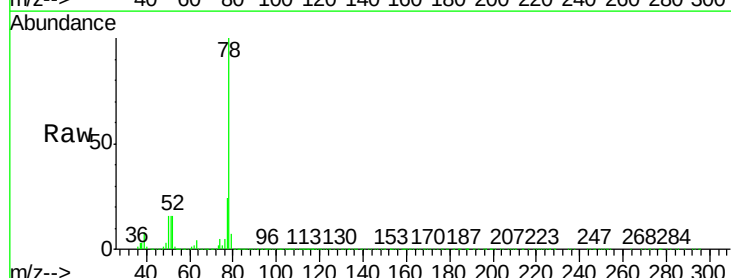
Manual Integrations
APPROVED

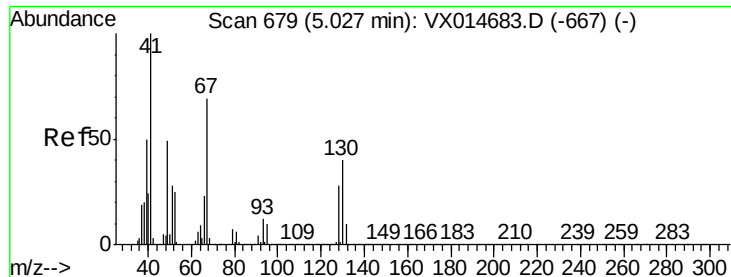
MMDadoda
2/7/2020 11:44:52 AM



#40
Benzene
Concen: 18.977 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





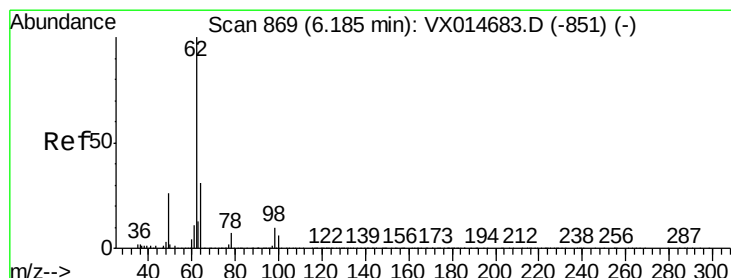
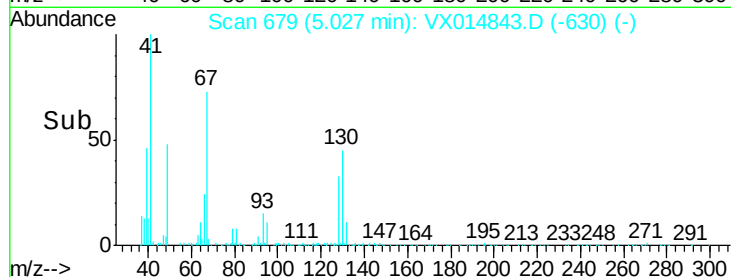
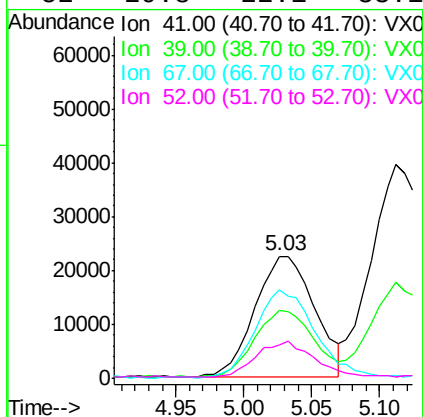
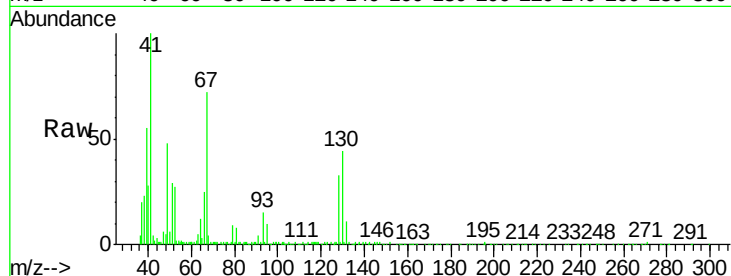
#41
Methacrylonitrile
Concen: 17.871 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.2	63.2	
67	75.2	55.4	83.0	
52	29.8	22.1	33.1	

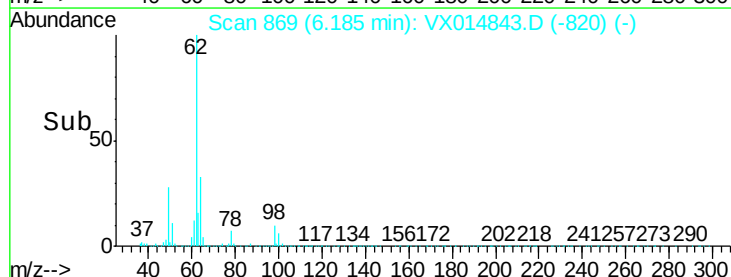
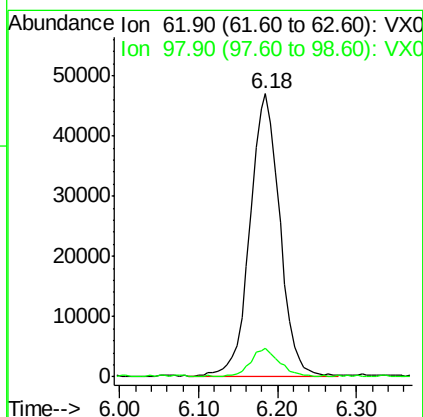
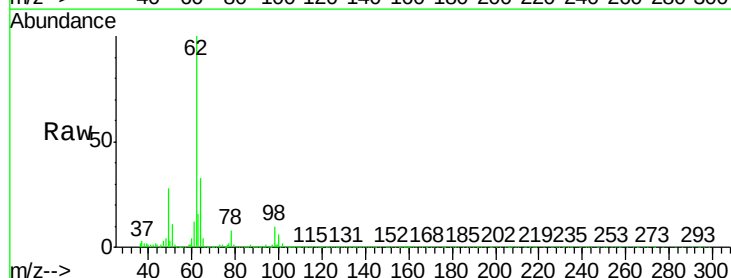
Manual Integrations
APPROVED

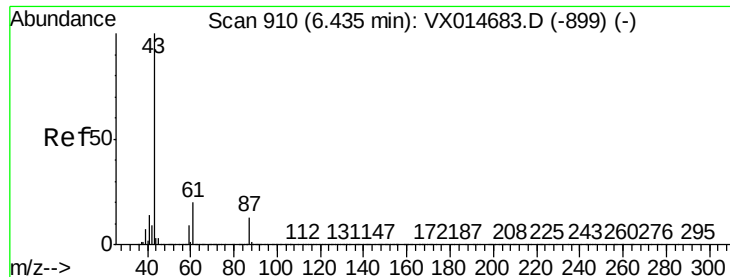
MMDadoda
2/7/2020 11:44:52 AM



#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

Isopropyl Acetate

Concen: 19.016 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

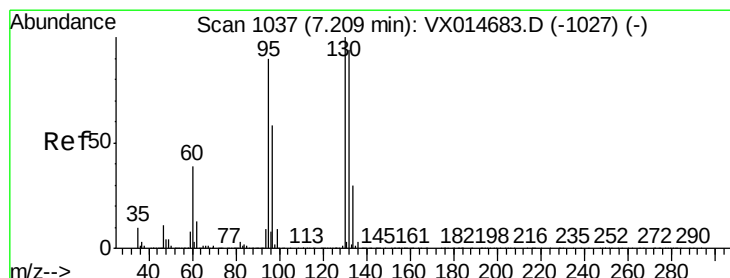
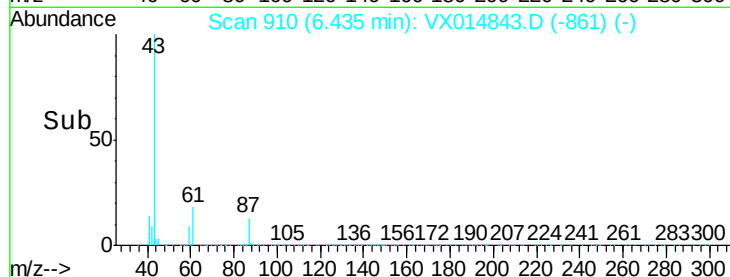
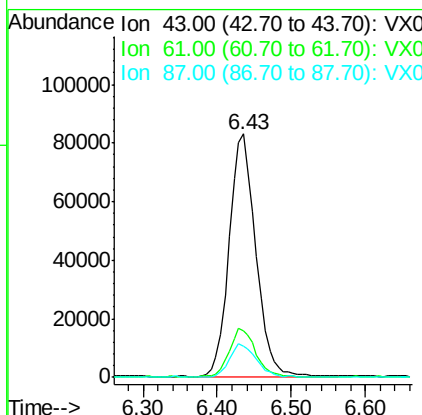
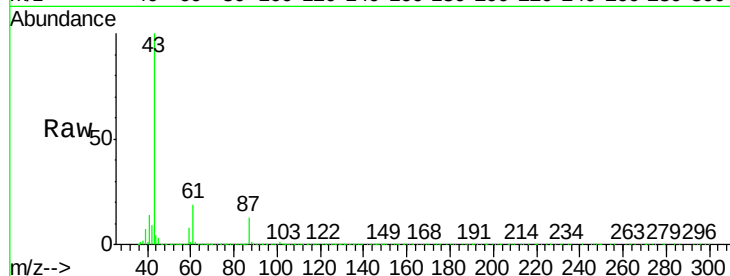
ClientSampleId :

VX0206WBSD01

Tot Ion	43	Resp	207225
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.2	24.4
87	14.0	10.5	15.7

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#44

Trichloroethene

Concen: 18.539 ug/l

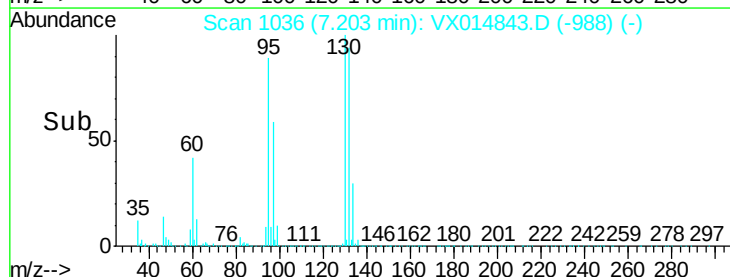
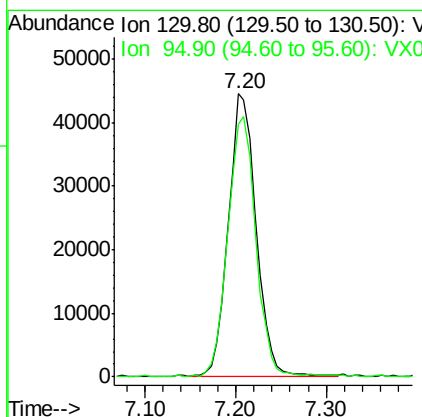
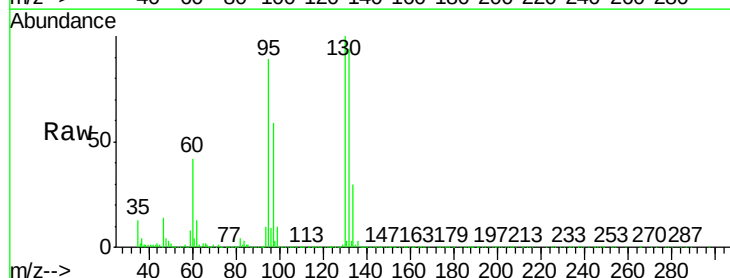
RT: 7.20 min Scan# 1036

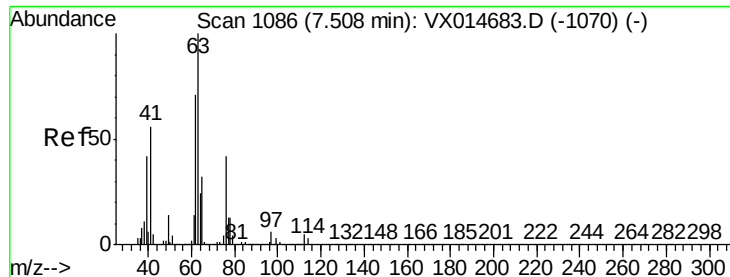
Delta R.T. -0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion	130	Resp	94012
Ion Ratio	Lower	Upper	
130	100		
95	89.5	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.320 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 63 Resp: 89357

Ion Ratio Lower Upper

63 100

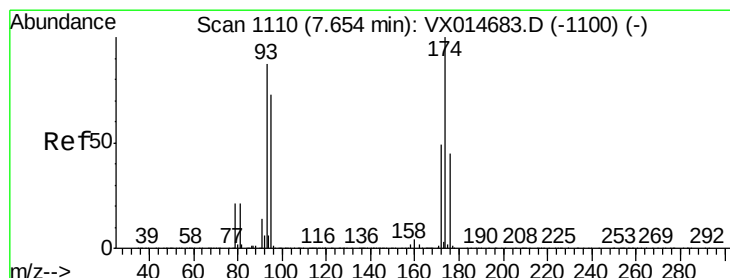
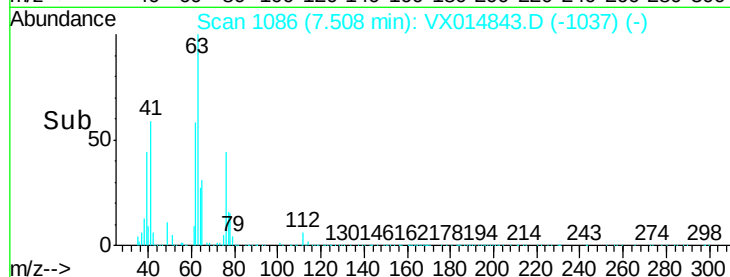
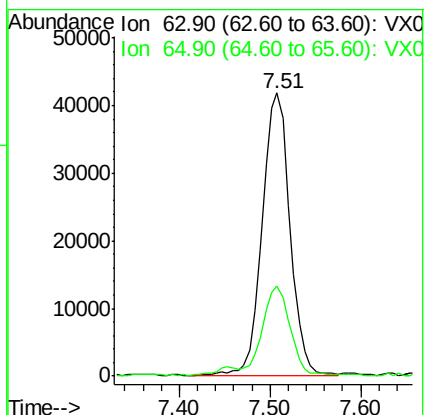
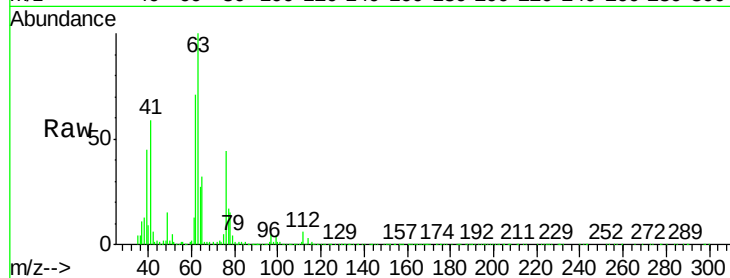
65 32.0 25.2 37.8

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#46

Dibromomethane

Concen: 19.610 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

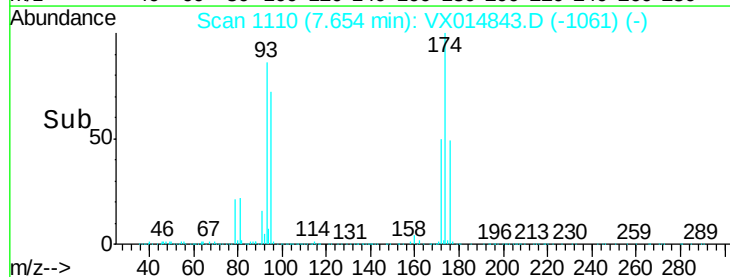
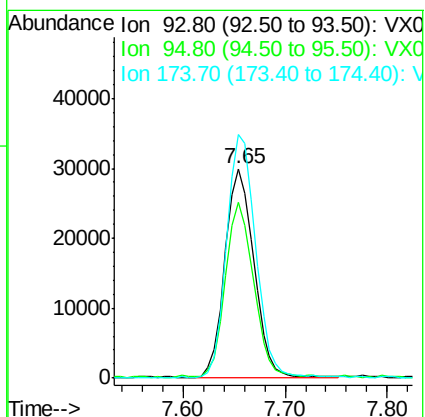
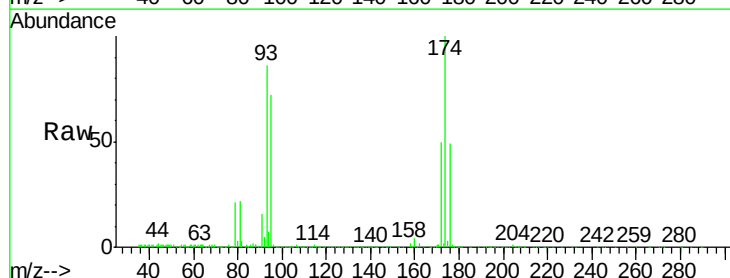
Tgt Ion: 93 Resp: 58742

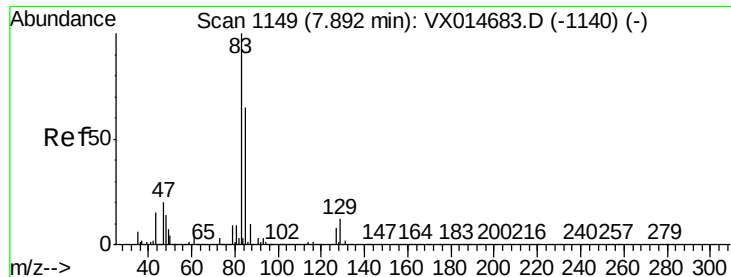
Ion Ratio Lower Upper

93 100

95 80.9 67.0 100.4

174 117.0 90.2 135.2





#47

Bromodichloromethane

Concen: 19.576 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

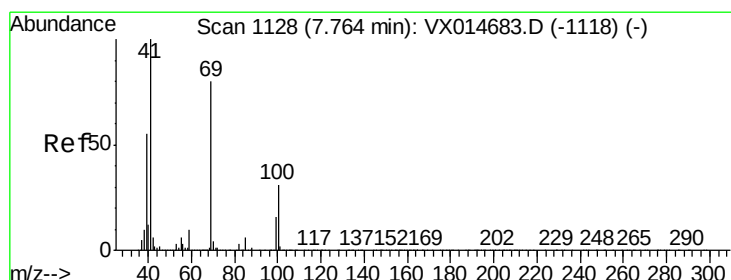
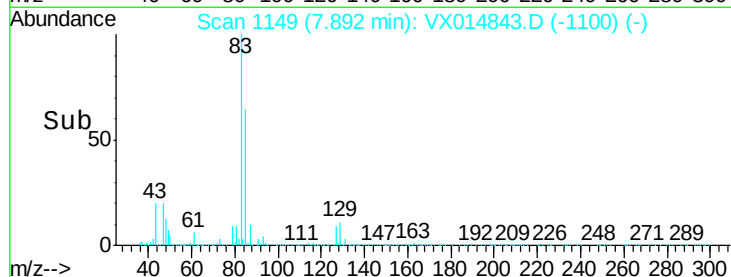
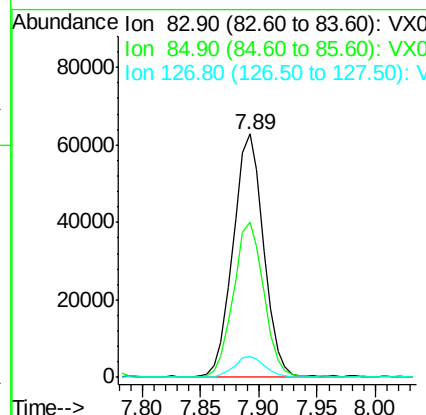
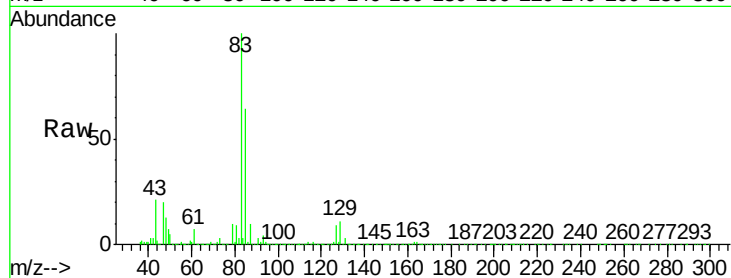
ClientSampleId :

VX0206WBSD01

Tot Ion:	83	Resp:	115013
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.2
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.242 ug/l

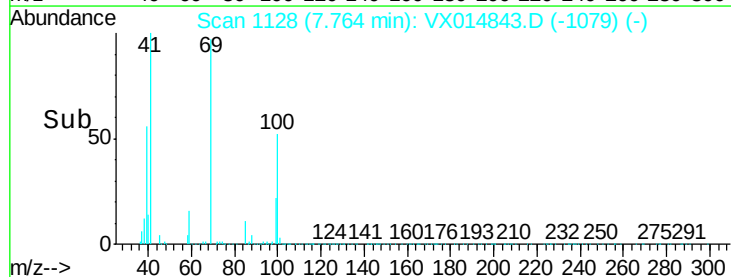
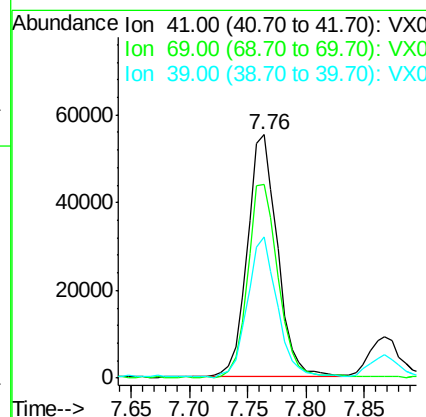
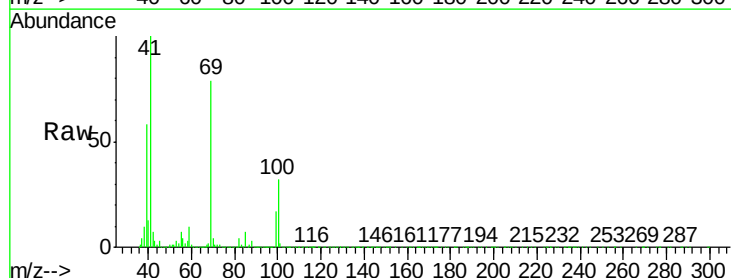
RT: 7.76 min Scan# 1128

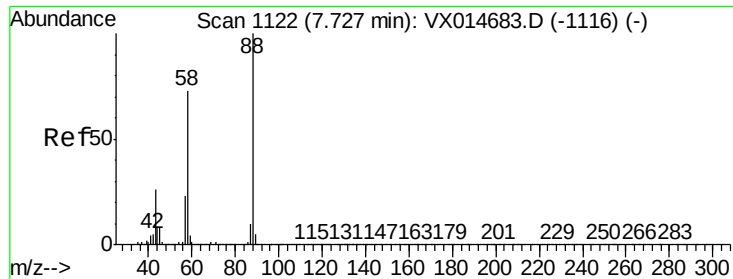
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	41	Resp:	100190
Ion	Ratio	Lower	Upper
41	100		
69	81.7	63.5	95.3
39	57.3	43.7	65.5





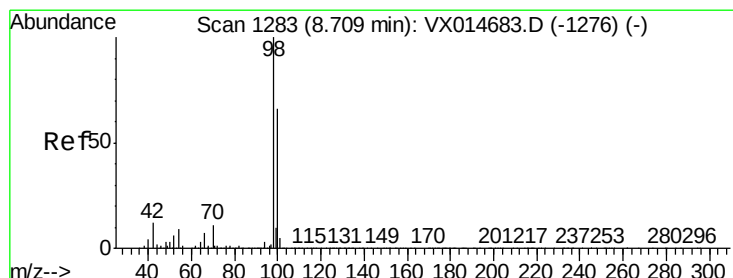
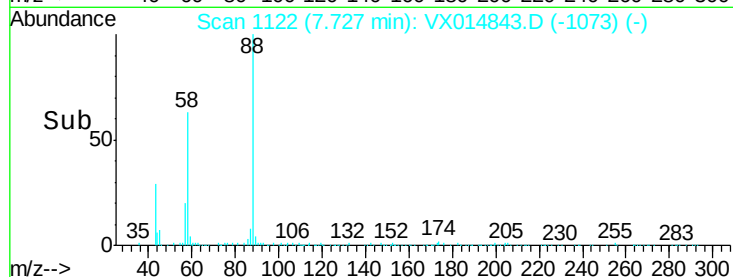
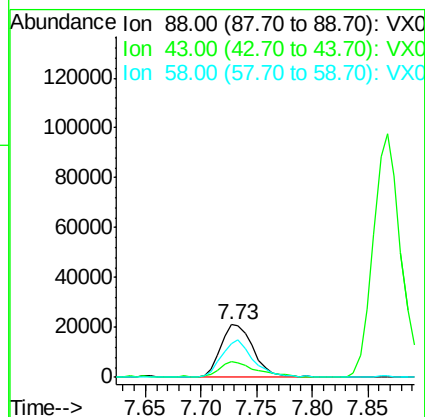
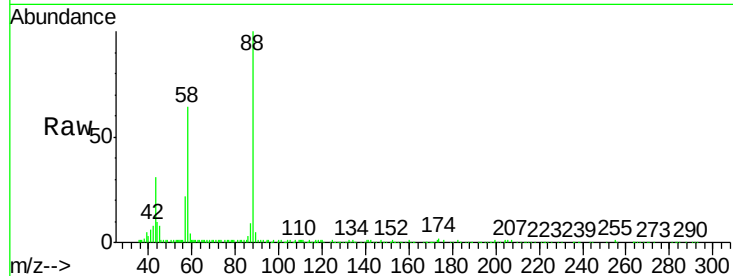
#49
1,4-Dioxane
Concen: 392.391 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion:	88	Resp:	43309
Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.2	39.2
58	69.6	56.6	85.0

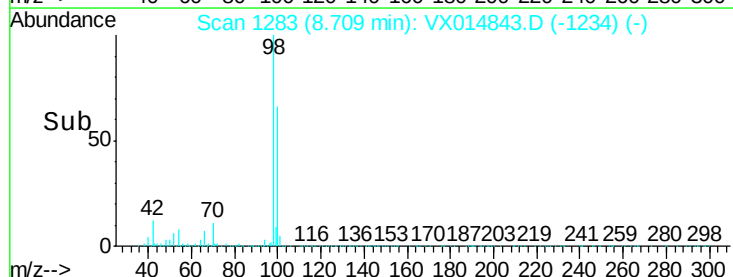
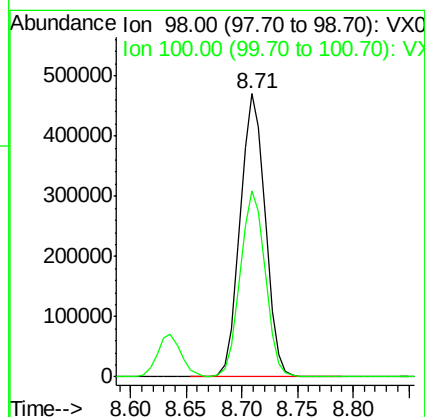
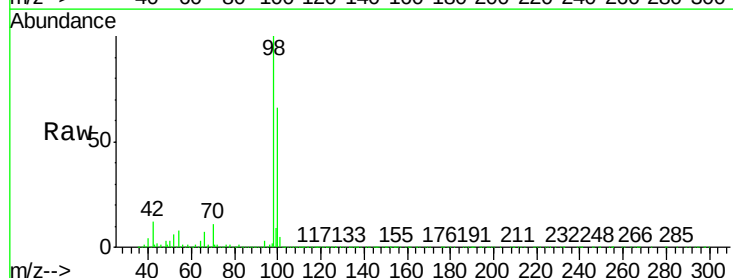
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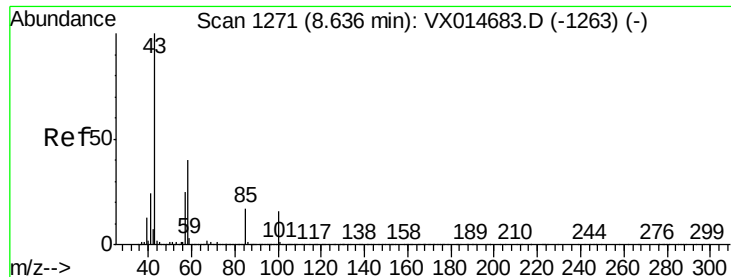
MMDadoda
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#50
Toluene-d8
Concen: 48.323 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion:	98	Resp:	732992
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 93.949 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 43 Resp: 646180

Ion Ratio Lower Upper

43 100

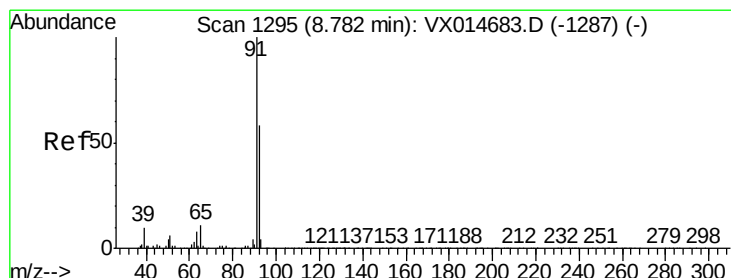
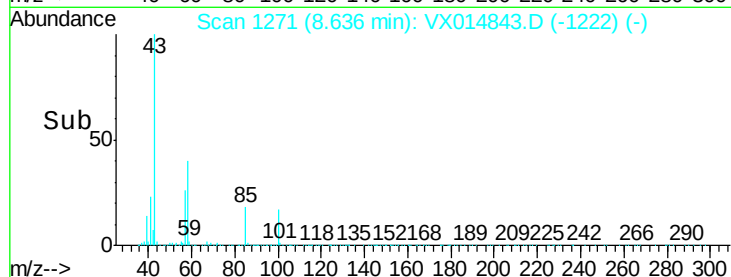
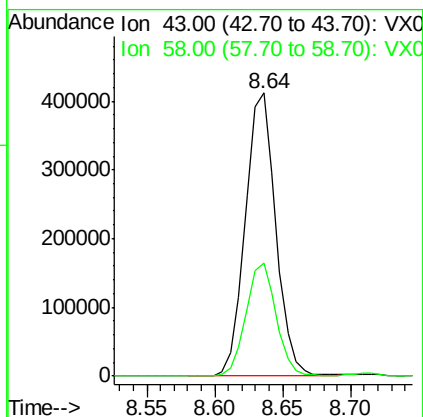
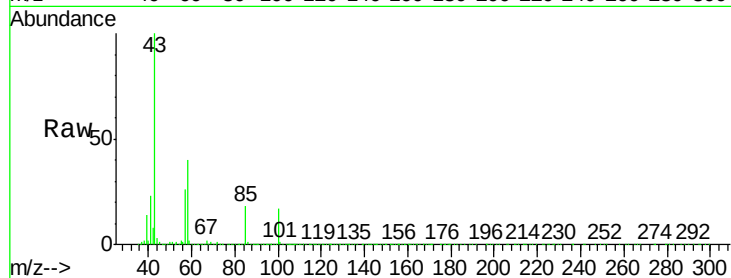
58 39.7 31.6 47.4

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#52

Toluene

Concen: 19.289 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014843.D

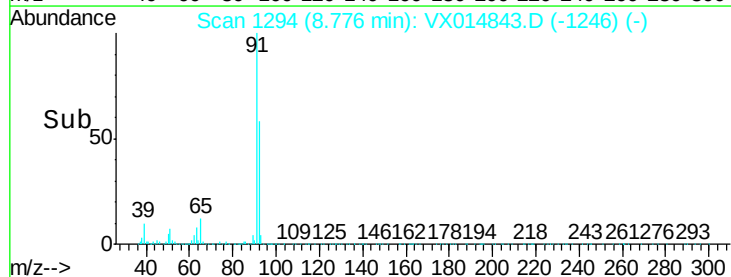
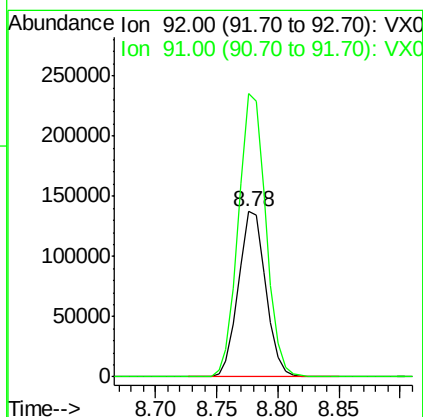
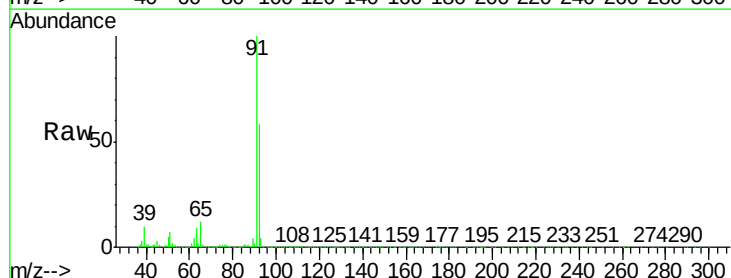
Acq: 06 Feb 2020 13:17

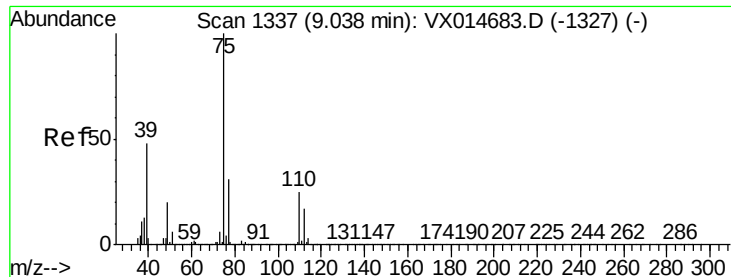
Tgt Ion: 92 Resp: 212866

Ion Ratio Lower Upper

92 100

91 171.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.891 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion: 75 Resp: 125830

Ion Ratio Lower Upper

75 100

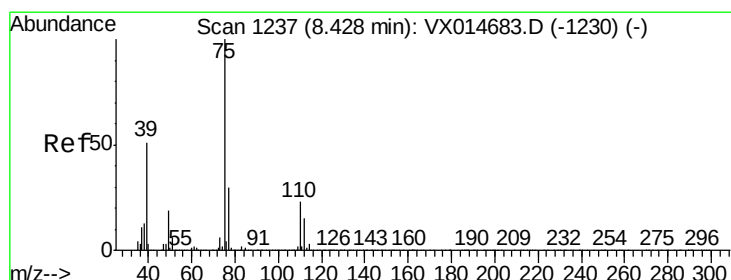
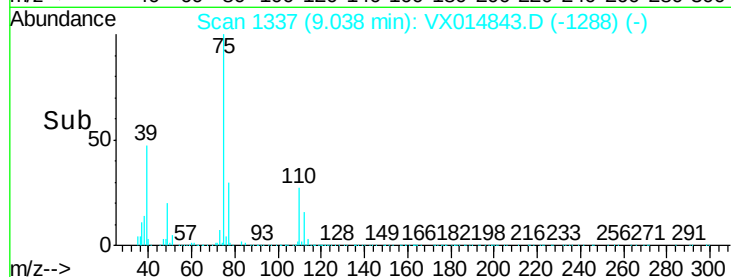
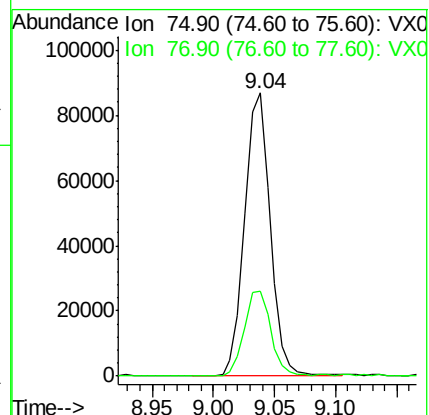
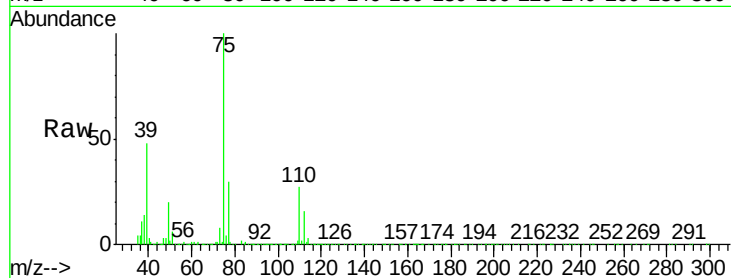
77 29.8 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 19.911 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

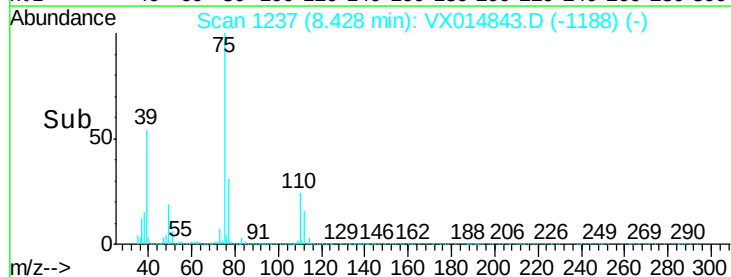
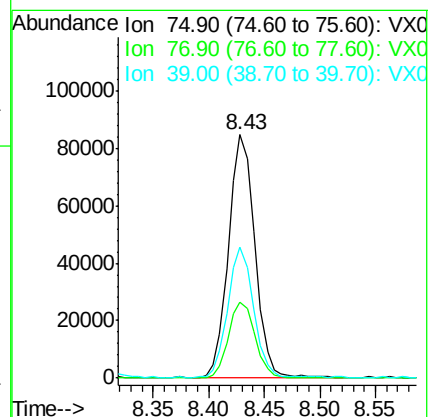
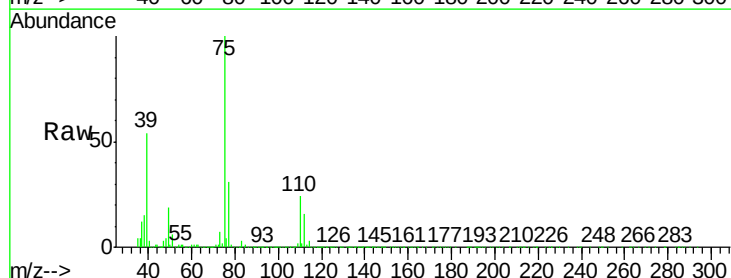
Tgt Ion: 75 Resp: 138564

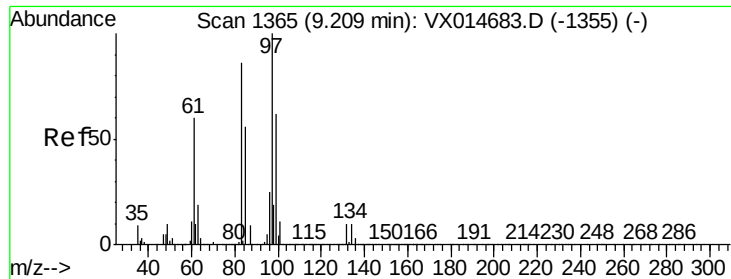
Ion Ratio Lower Upper

75 100

77 31.0 23.9 35.9

39 53.5 40.9 61.3





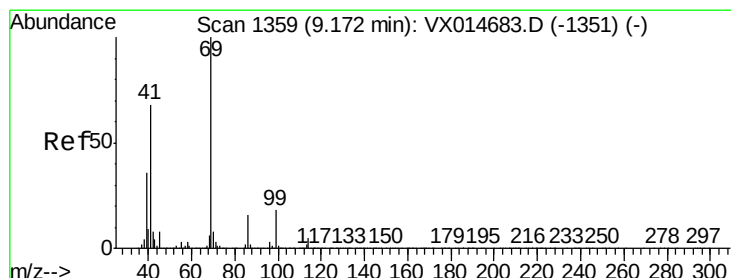
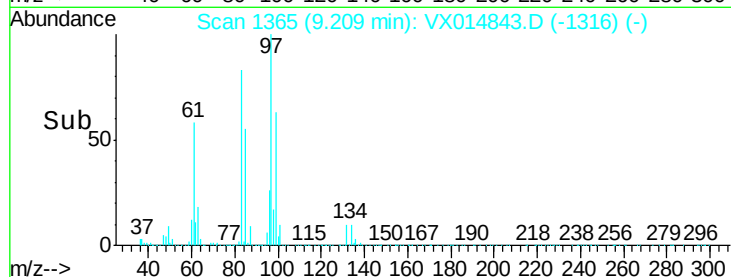
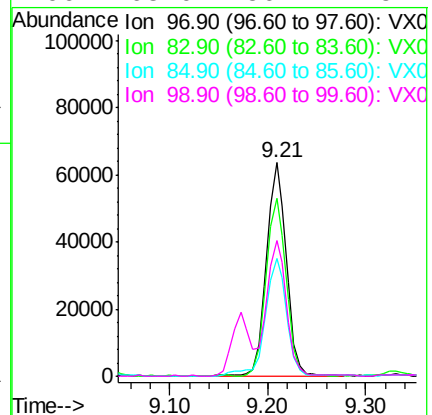
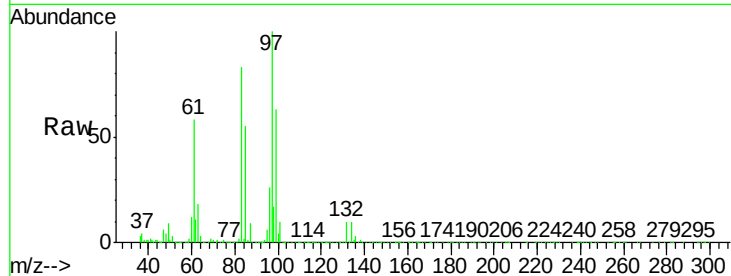
#55
 1,1,2-Trichloroethane
 Concen: 20.028 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	83.2	69.2	103.8		
85	54.7	44.6	67.0		
99	63.0	50.1	75.1		

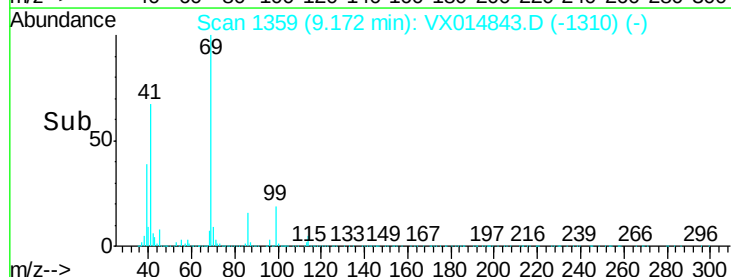
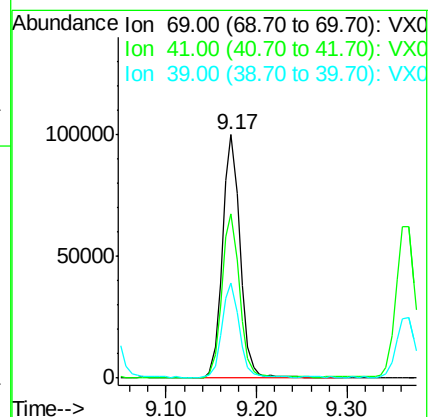
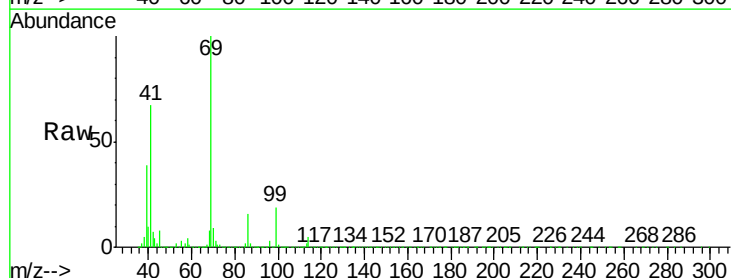
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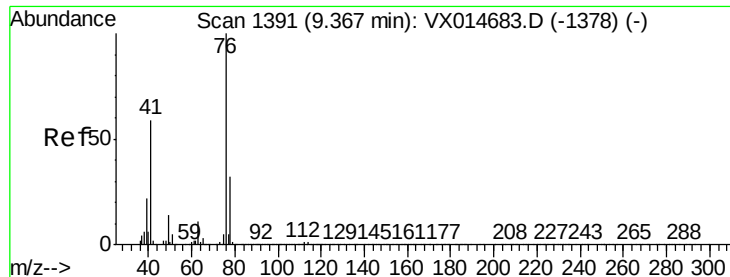
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#56
 Ethyl methacrylate
 Concen: 18.952 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	67.2	54.9	82.3		
39	38.0	29.3	43.9		





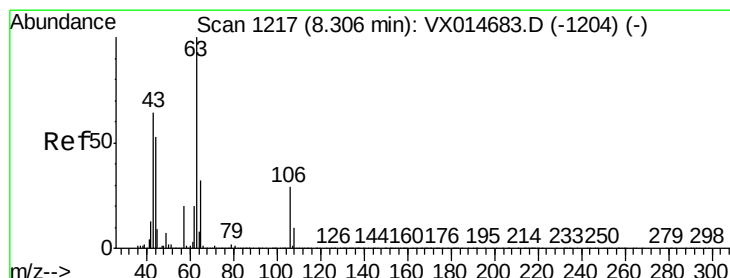
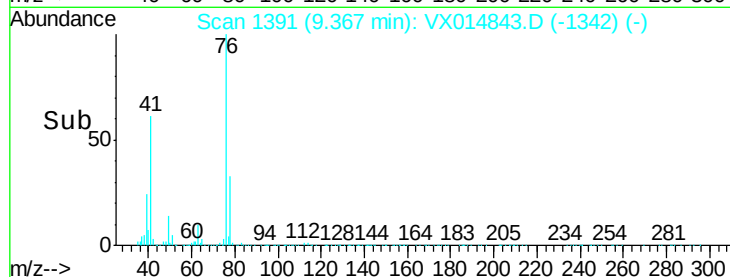
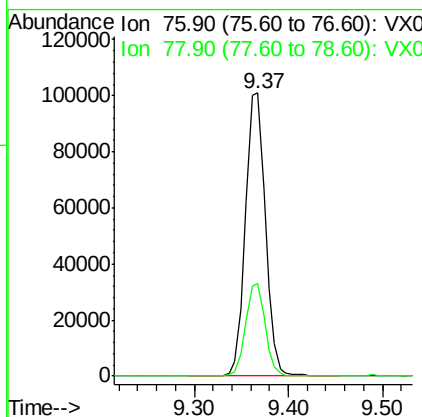
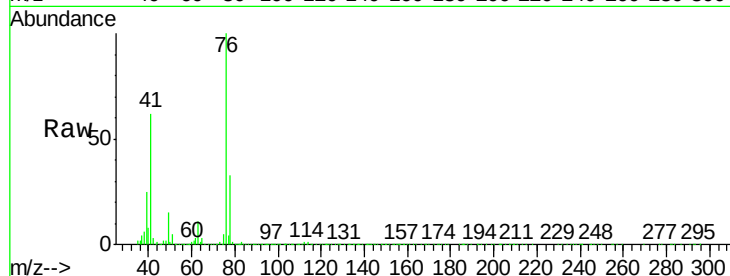
#57
 1,3-Dichloropropane
 Concen: 19.287 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

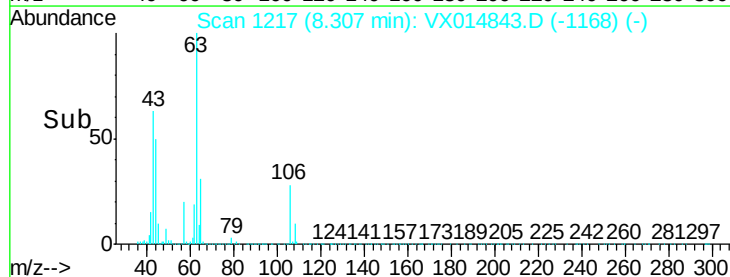
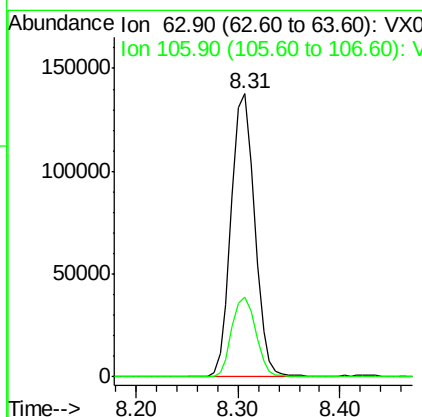
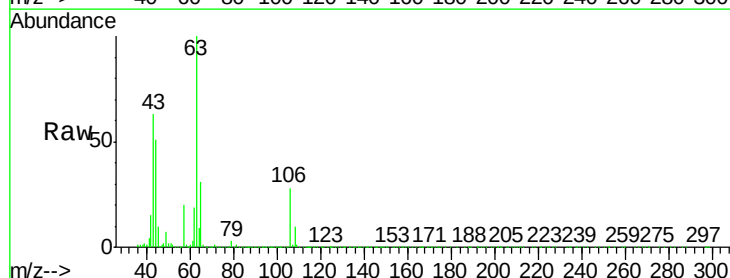
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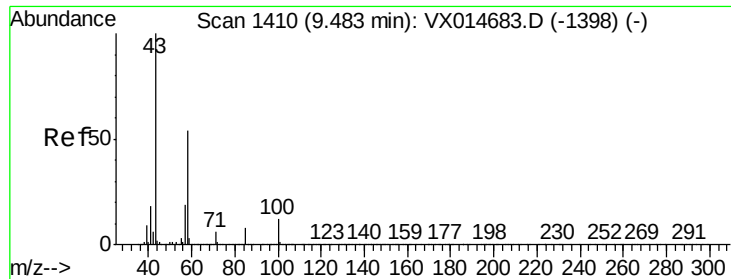
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 2/7/2020 11:44:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.528 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.7	34.1





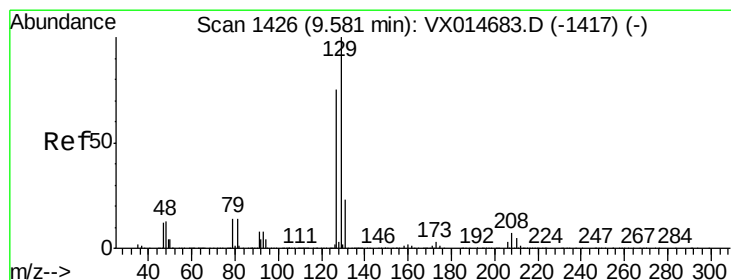
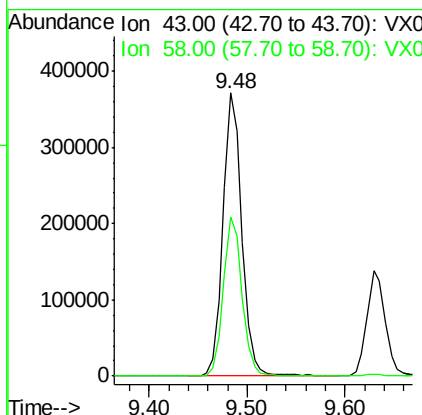
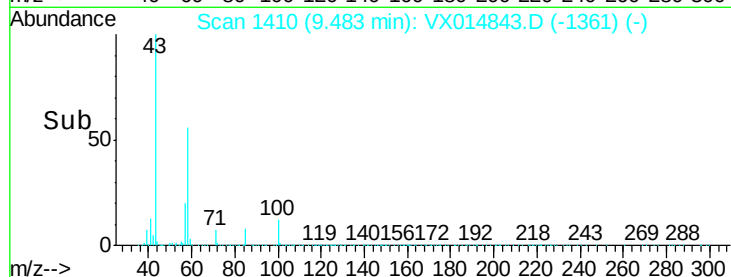
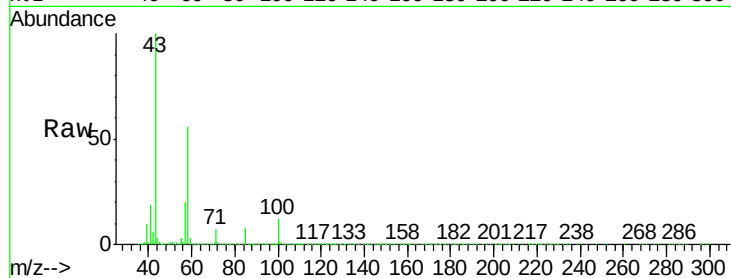
#59
2-Hexanone
Concen: 92.914 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion: 43 Resp: 495905
Ion Ratio Lower Upper
43 100
58 56.2 27.2 81.5

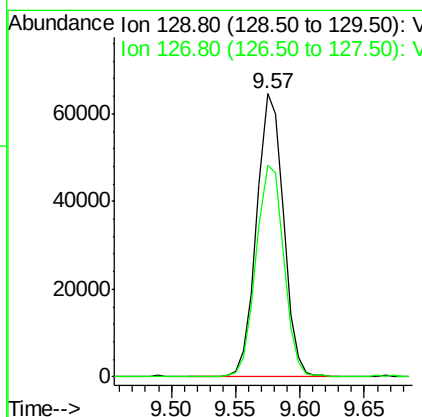
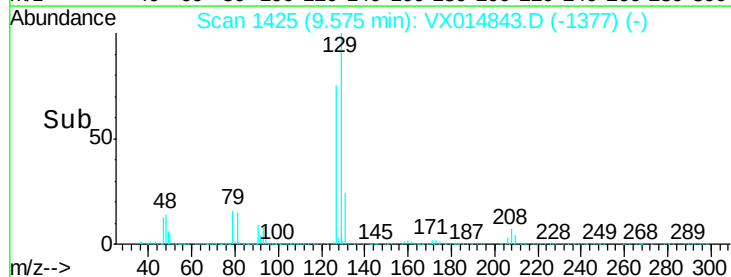
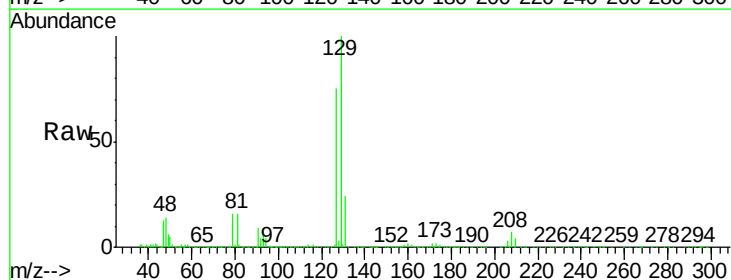
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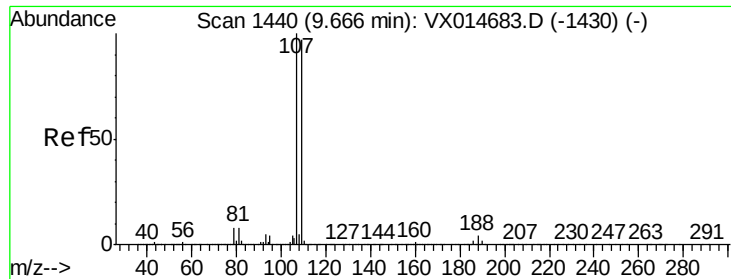
MMDadoda
2/7/2020 11:44:52 AM



#60
Dibromochloromethane
Concen: 19.618 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion: 129 Resp: 92523
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.371 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VX0206WBSD01

Tot Ion:107 Resp: 92538

Ion Ratio Lower Upper

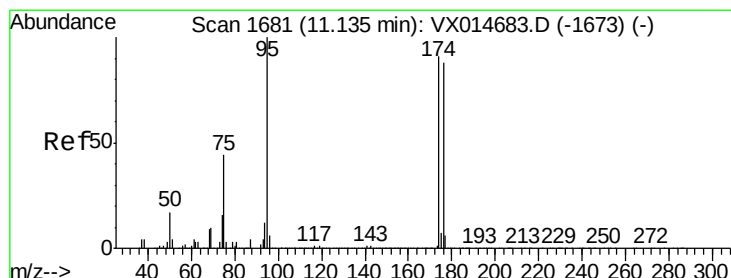
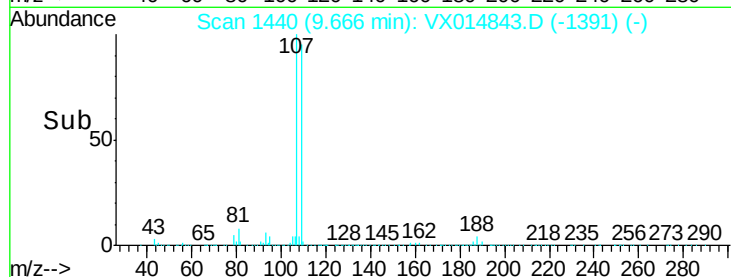
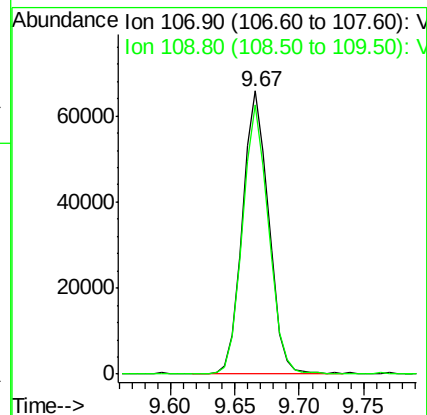
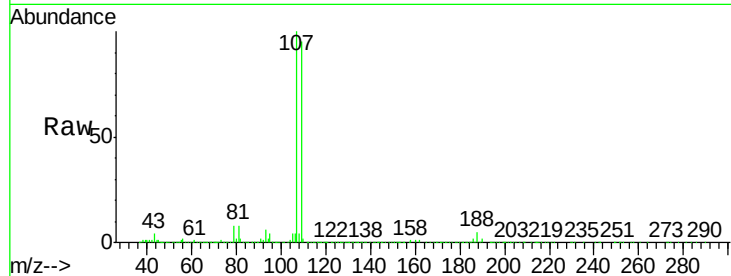
107 100

109 95.0 76.2 114.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.263 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

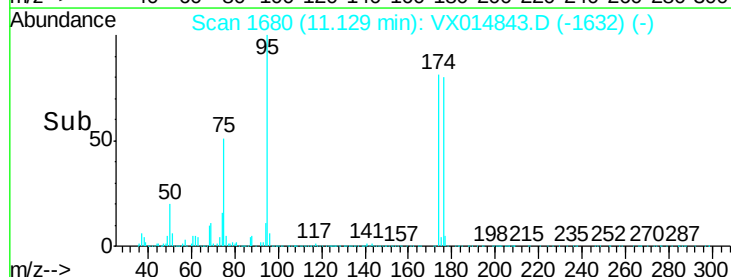
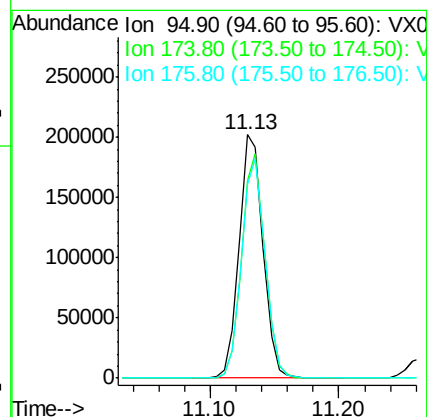
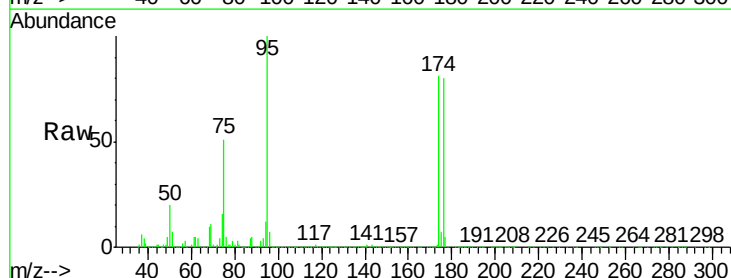
Tgt Ion: 95 Resp: 260789

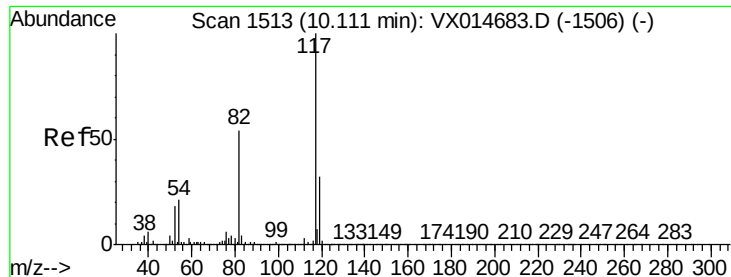
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

176 89.1 0.0 172.2





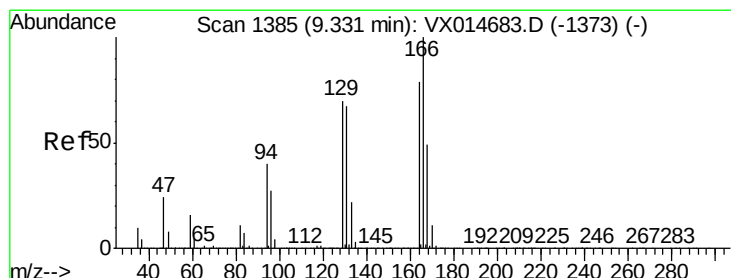
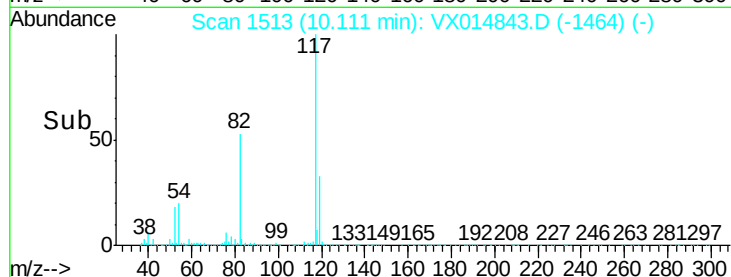
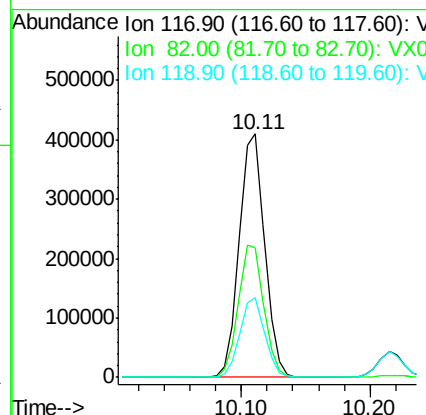
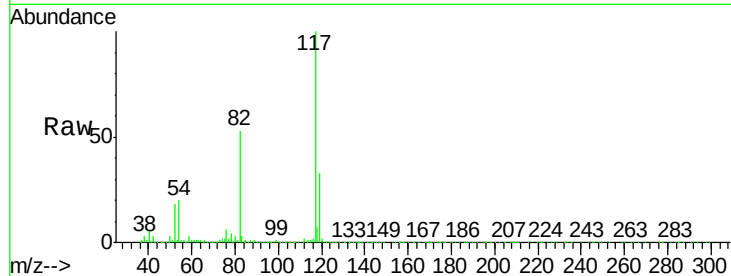
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.2	64.8
119	32.9	25.8	38.6

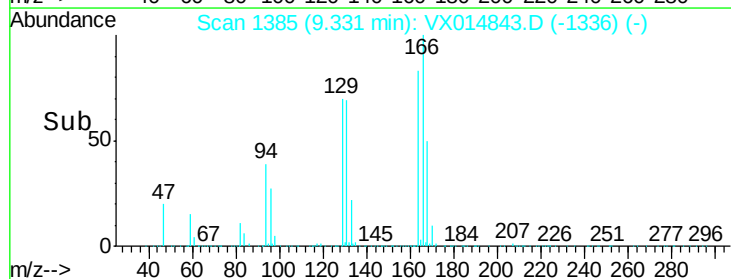
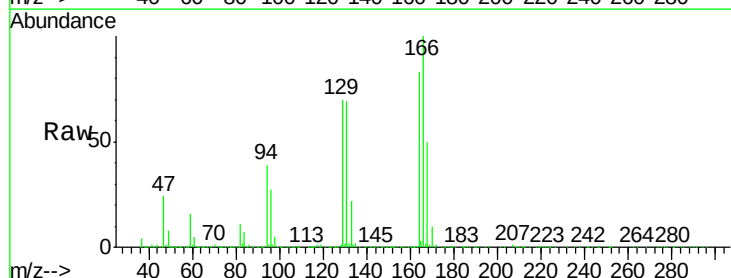
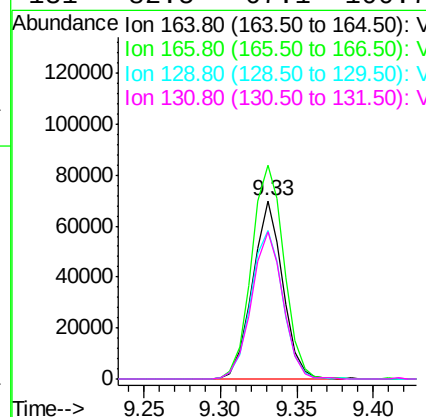
Manual Integrations
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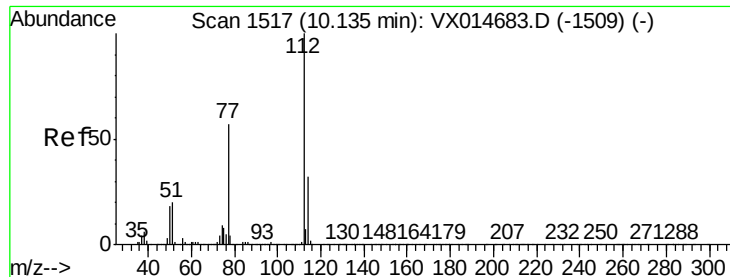
MMDadoda
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#64
Tetrachloroethene
Concen: 17.021 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.8	100.9	151.3
129	83.5	71.0	106.6
131	82.5	67.1	100.7





#65

Chlorobenzene

Concen: 19.358 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion:112 Resp: 234458

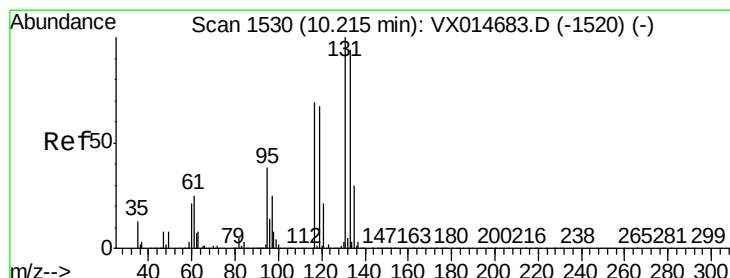
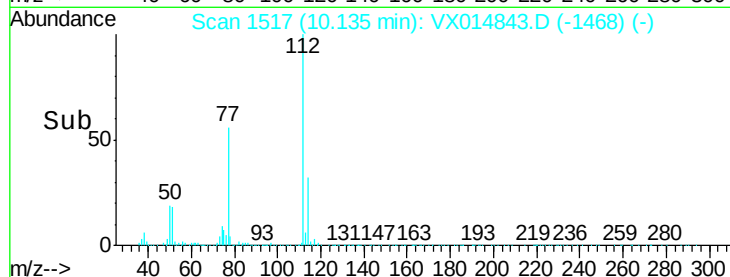
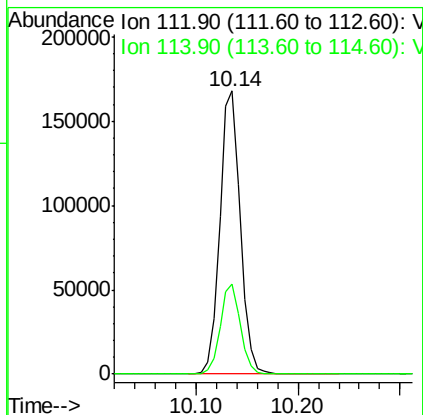
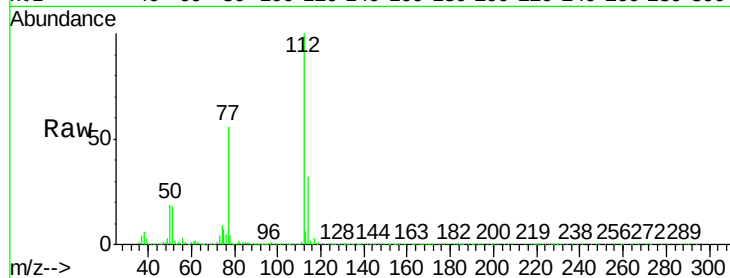
Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

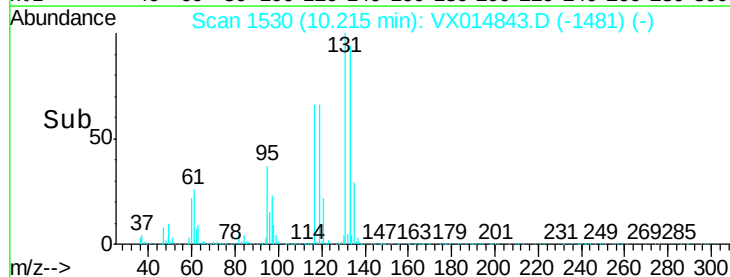
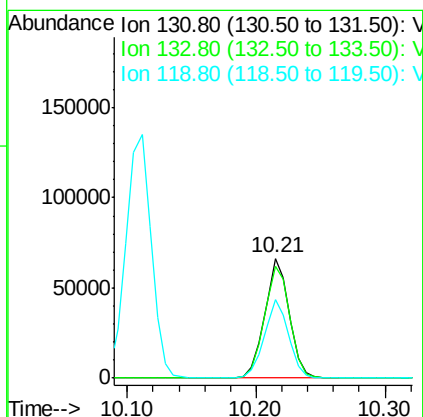
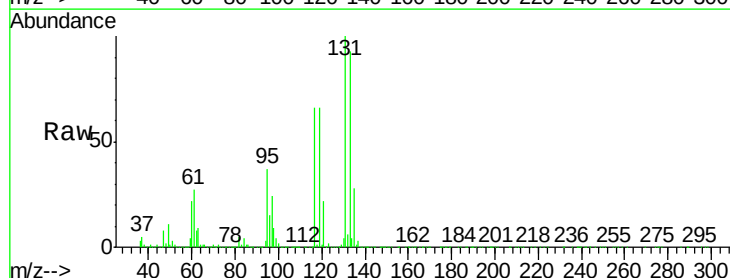
Tgt Ion:131 Resp: 87441

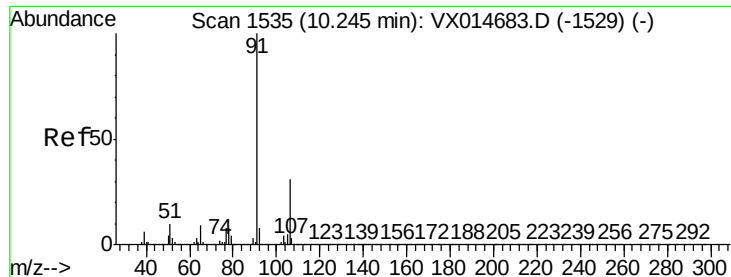
Ion Ratio Lower Upper

131 100

133 97.0 47.4 142.3

119 66.2 33.3 99.8





#67

Ethyl Benzene

Concen: 19.707 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VX0206WBSD01

Tot Ion: 91 Resp: 407570

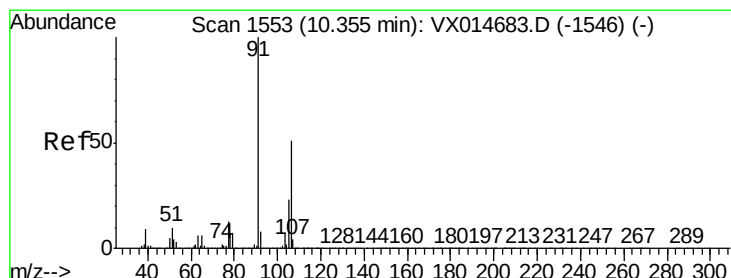
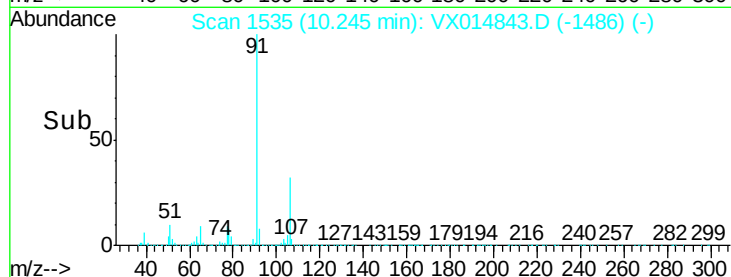
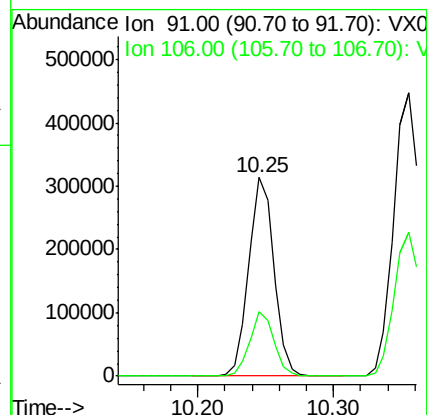
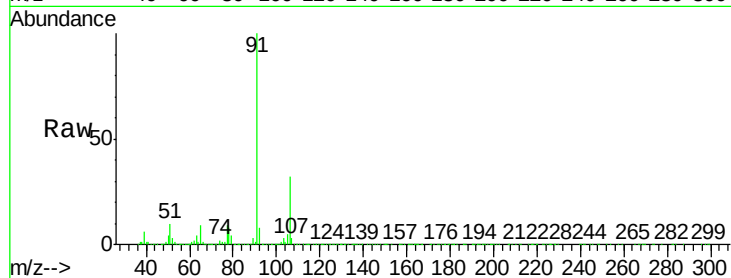
Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3

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#68

m/p-Xylenes

Concen: 39.481 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014843.D

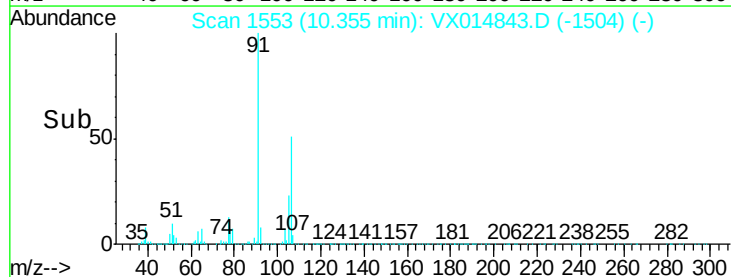
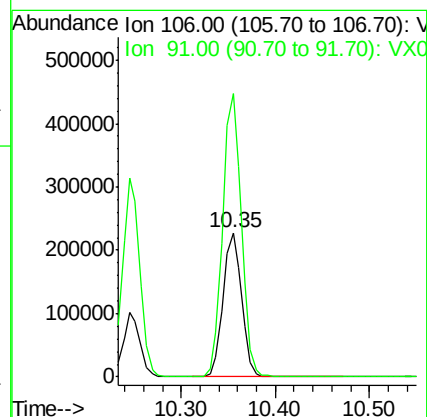
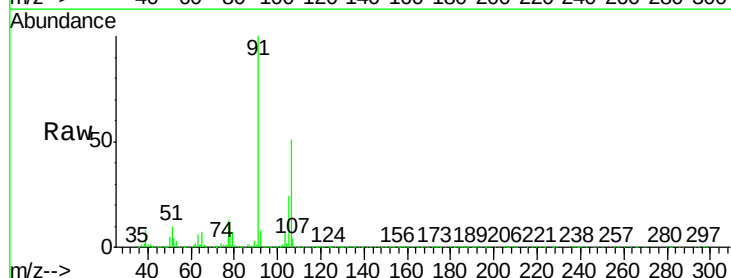
Acq: 06 Feb 2020 13:17

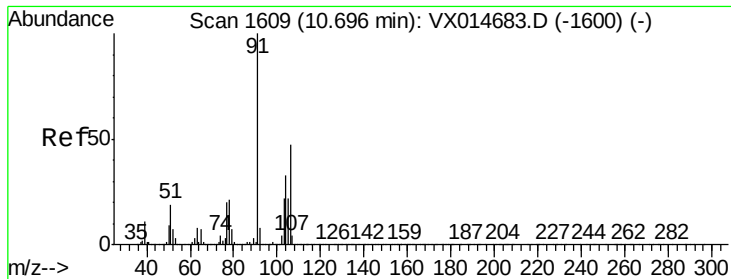
Tgt Ion: 106 Resp: 309335

Ion Ratio Lower Upper

106 100

91 198.9 159.4 239.2





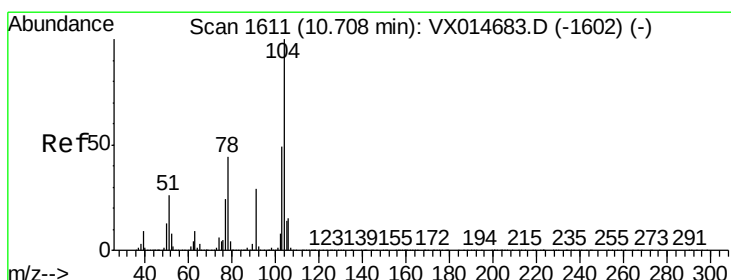
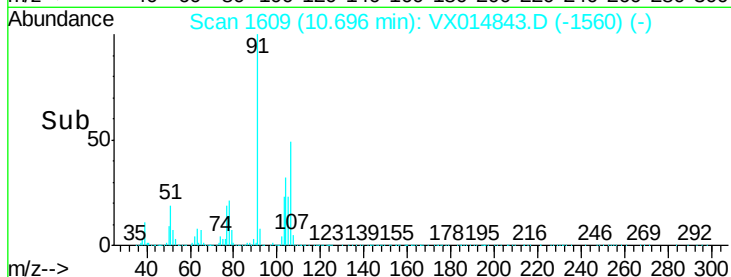
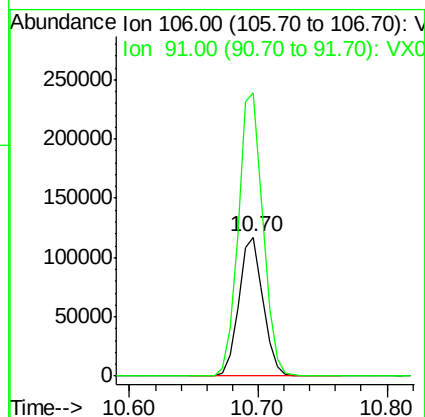
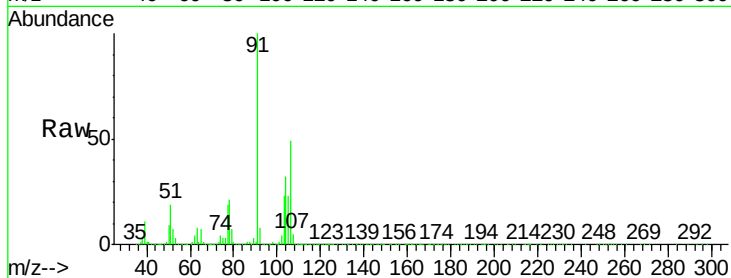
#69
o-Xylene
Concen: 20.062 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampled :
VX0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	151750		
91	208.4	106.2	318.6	

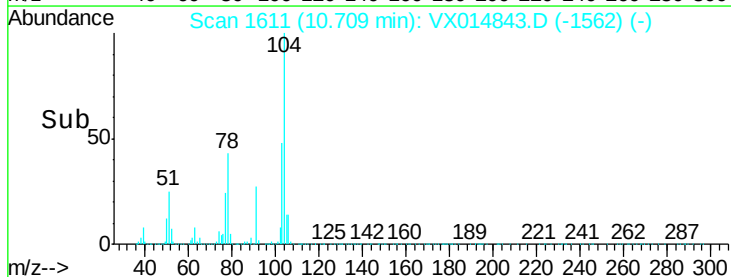
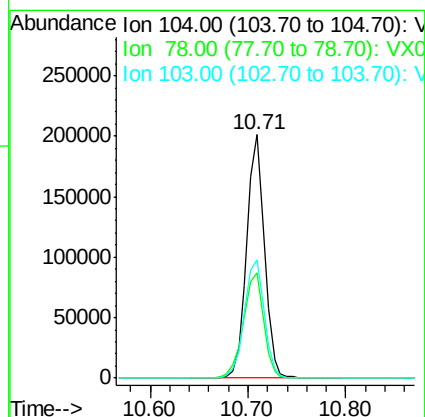
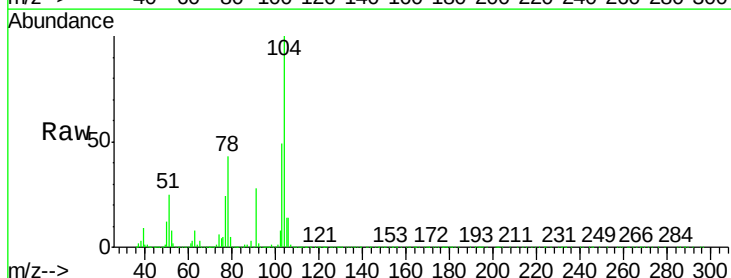
Manual Integrations
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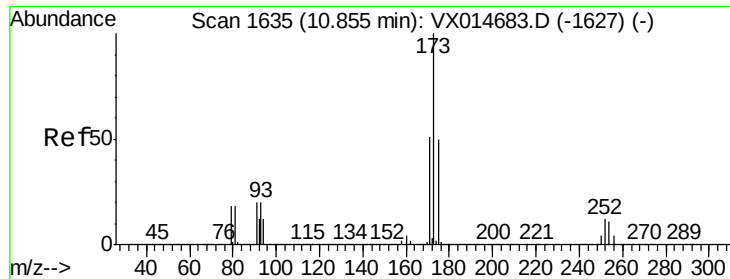
MMDadoda
2/7/2020 11:44:52 AM



#70
Styrene
Concen: 20.151 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	255671		
78	48.9	39.3	58.9	
103	54.5	43.5	65.3	





#71

Bromoform

Concen: 19.486 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

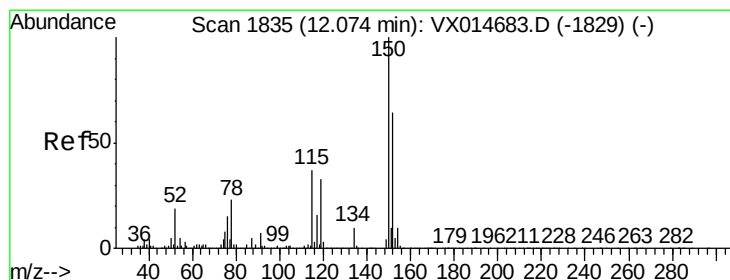
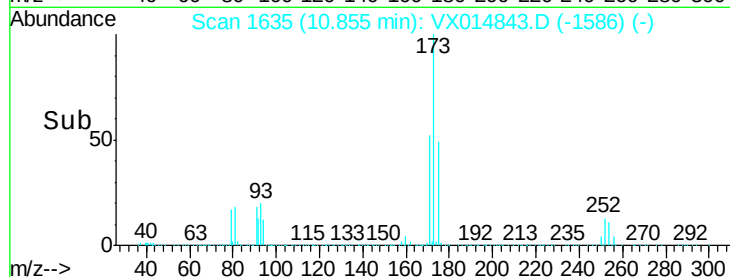
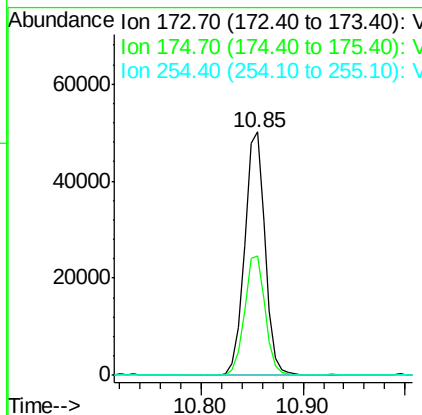
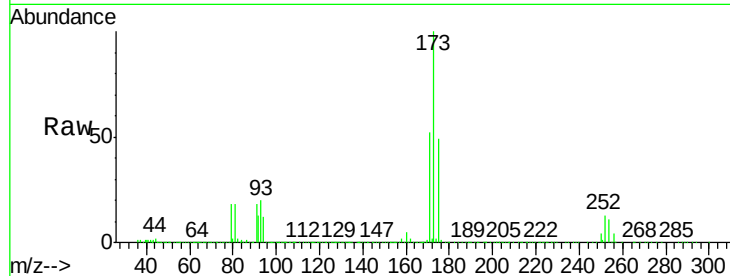
ClientSampleId :

VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.6	73.6
254	0.3	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

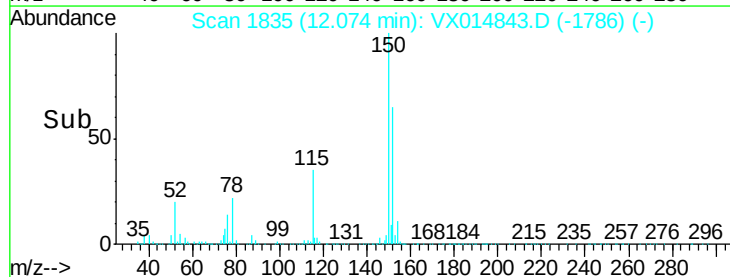
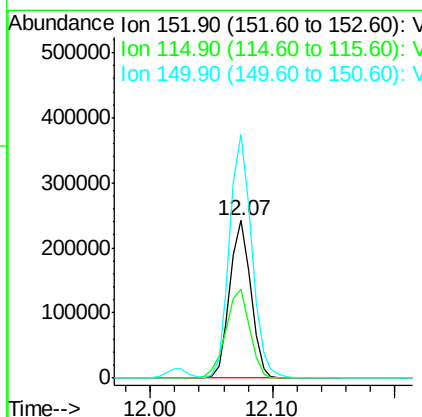
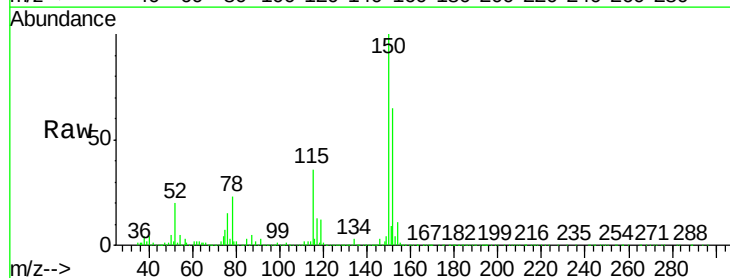
RT: 12.07 min Scan# 1835

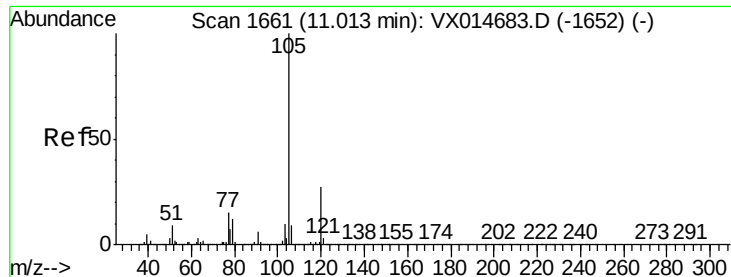
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	39.4	118.1
150	163.1	0.0	351.2





#73

Isopropylbenzene

Concen: 19.711 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBSD01

Tot Ion:105 Resp: 397573

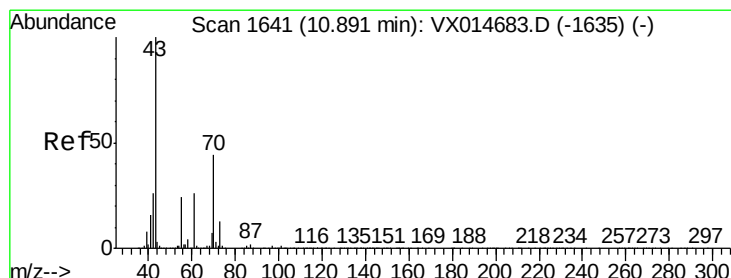
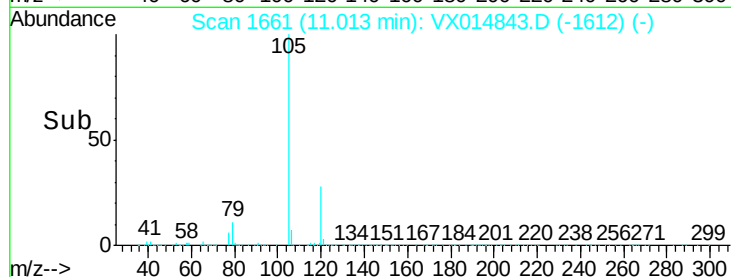
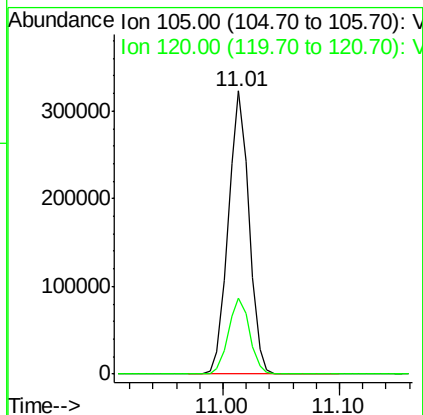
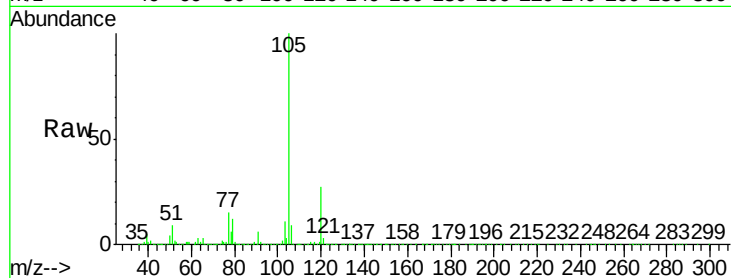
Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.270 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion: 43 Resp: 170326

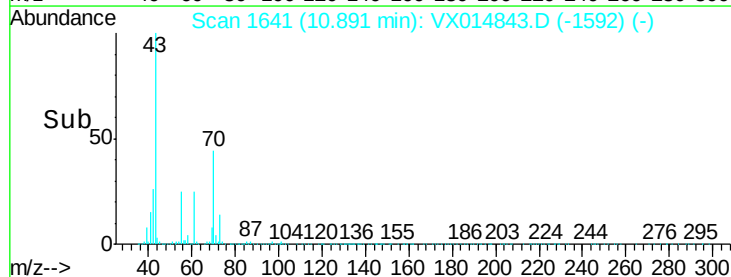
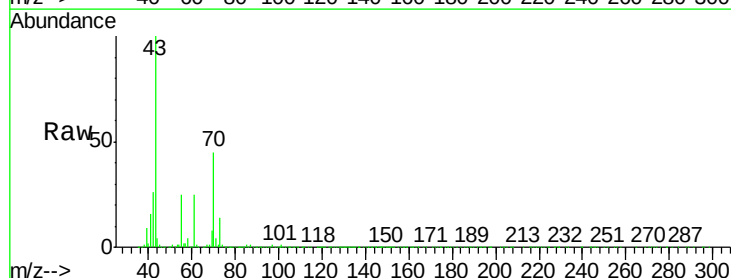
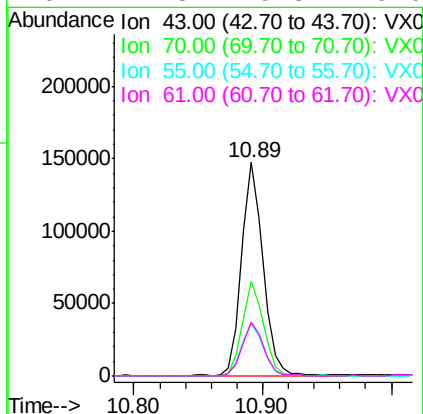
Ion Ratio Lower Upper

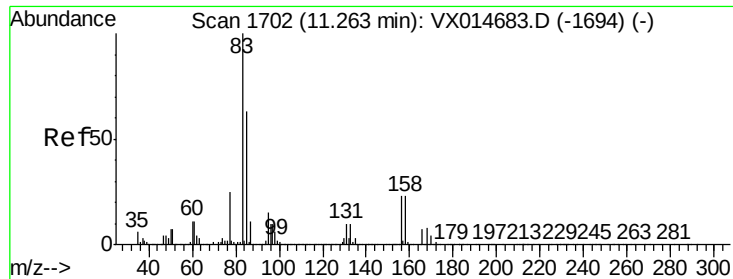
43 100

70 44.3 34.6 52.0

55 25.0 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.686 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

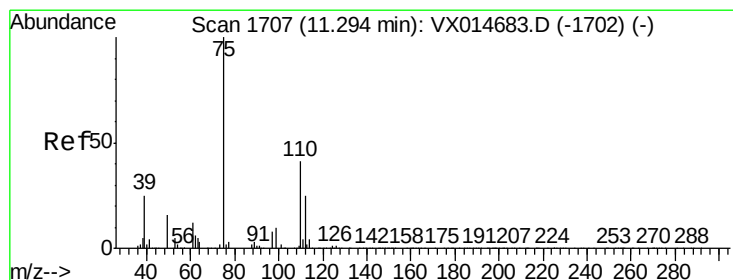
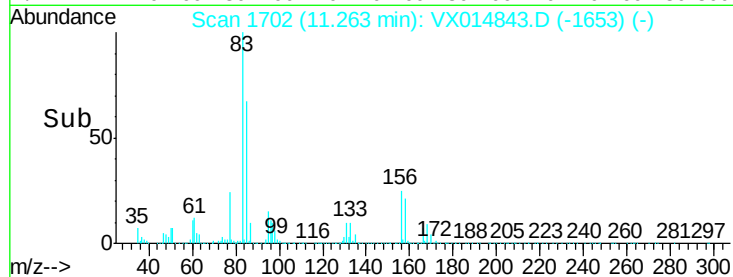
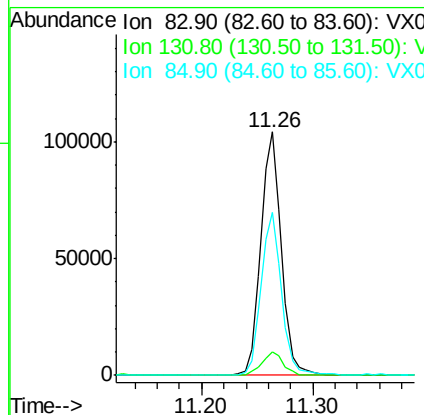
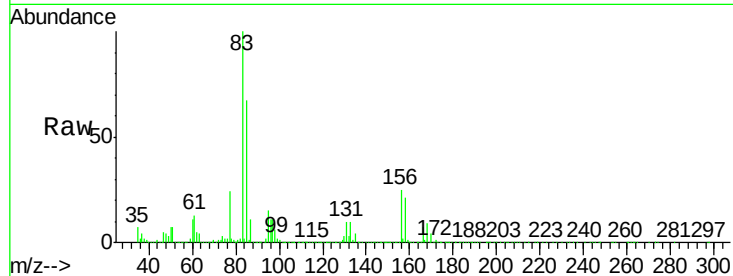
ClientSampled :

VX0206WBSD01

Tot Ion:	83	Resp:	134570
Ion Ratio		Lower	Upper
83	100		
131	10.0	5.0	15.0
85	66.3	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.963 ug/l m

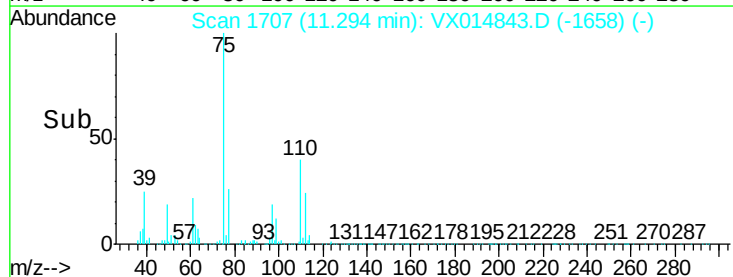
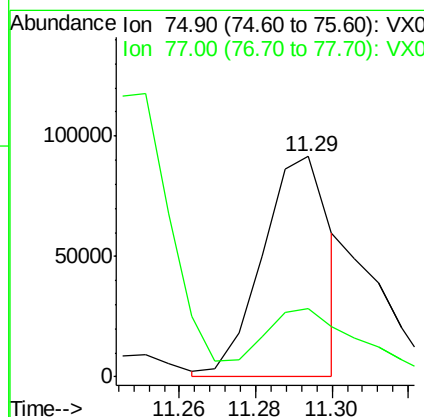
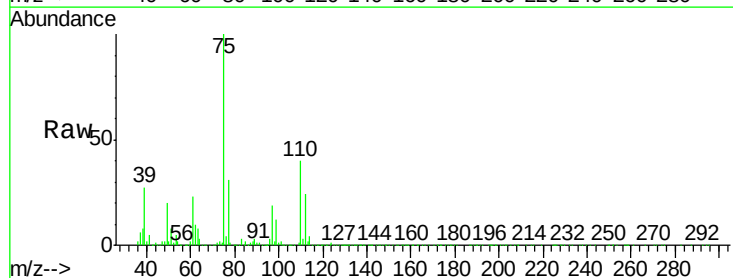
RT: 11.29 min Scan# 1707

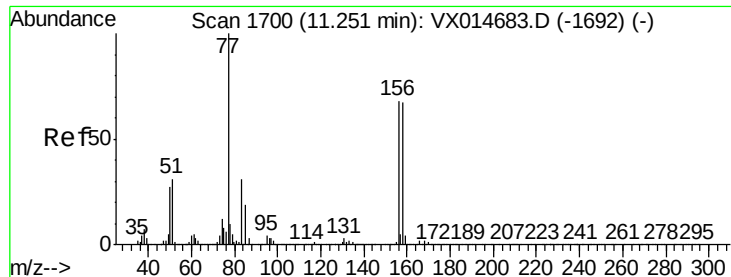
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	75	Resp:	113213
Ion Ratio		Lower	Upper
75	100		
77	42.3	18.7	56.1





#77

Bromobenzene

Concen: 19.634 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

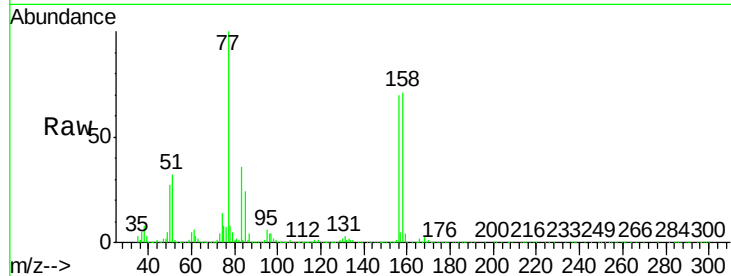
ClientSampleId :

VX0206WBSD01

Tot Ion:	156	Resp:	106393
Ion Ratio	Lower	Upper	
156	100		
77	145.2	77.5	232.5
158	97.7	49.1	147.3

Manual Integrations
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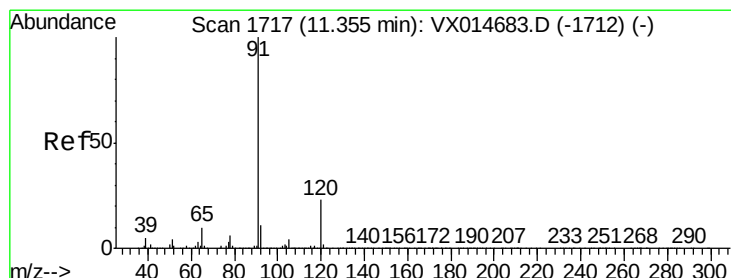
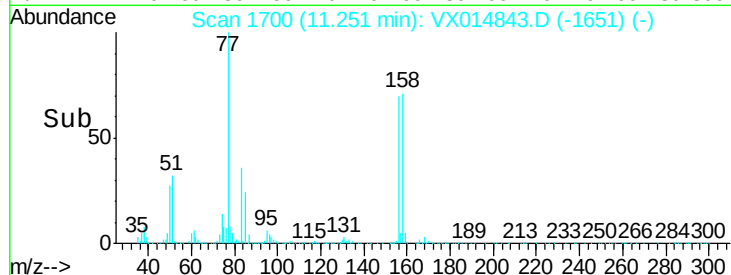
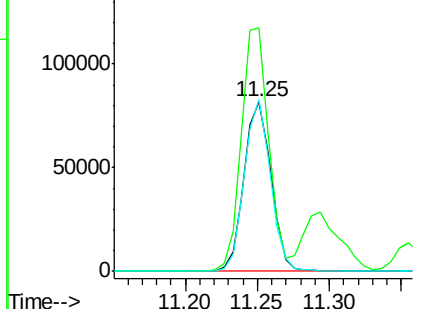
MMDadoda
2/7/2020 11:44:52 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.549 ug/l

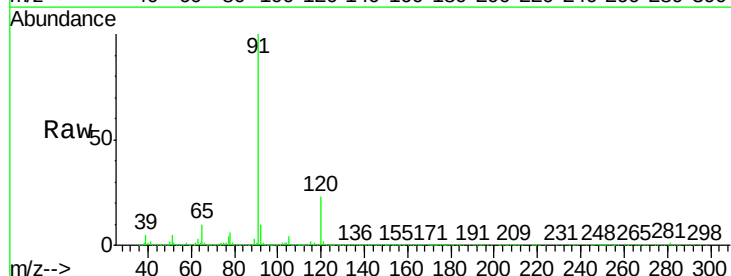
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014843.D

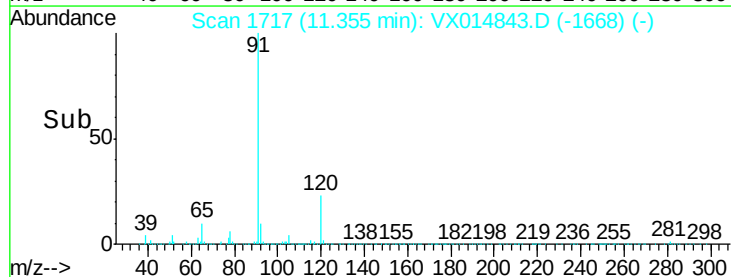
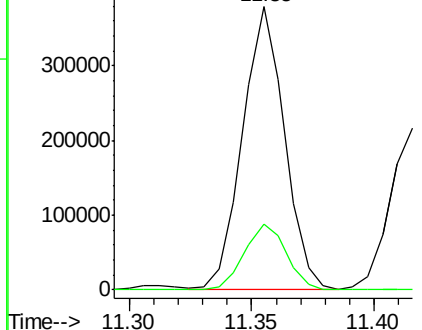
Acq: 06 Feb 2020 13:17

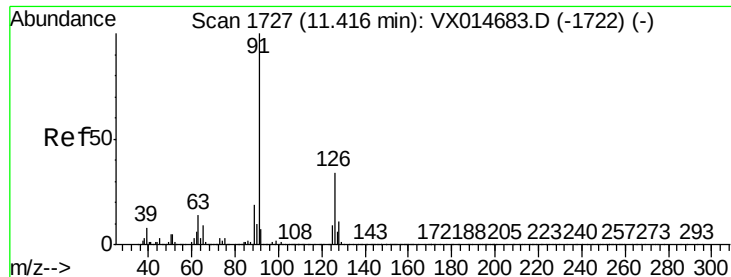
Tgt Ion:	91	Resp:	447588
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





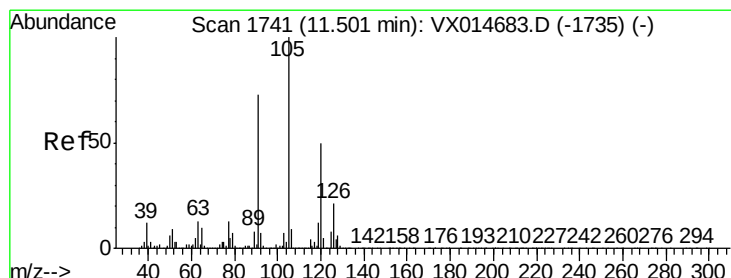
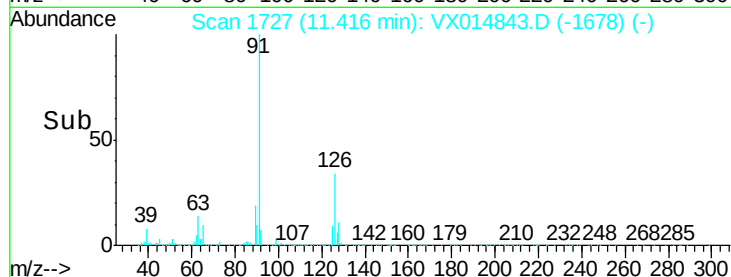
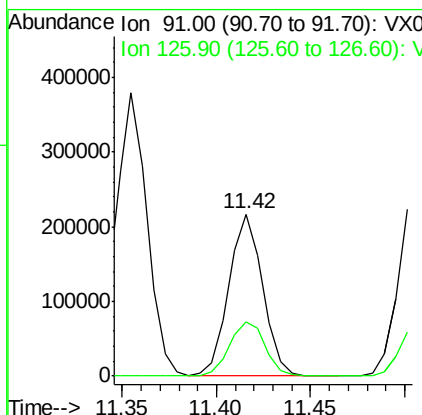
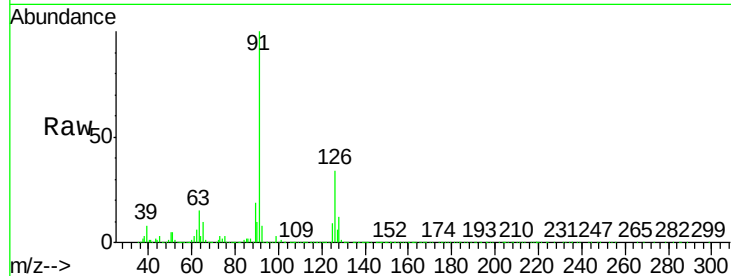
#79
 2-Chlorotoluene
 Concen: 19.334 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.3	51.9

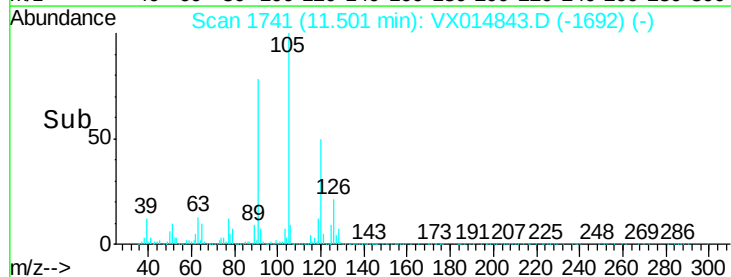
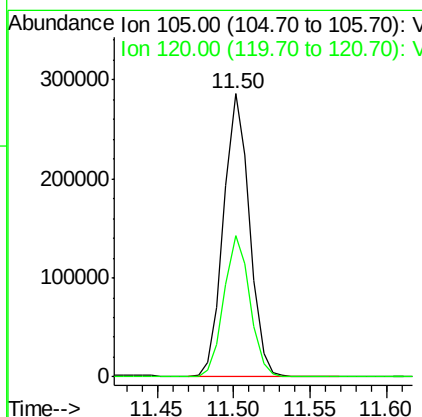
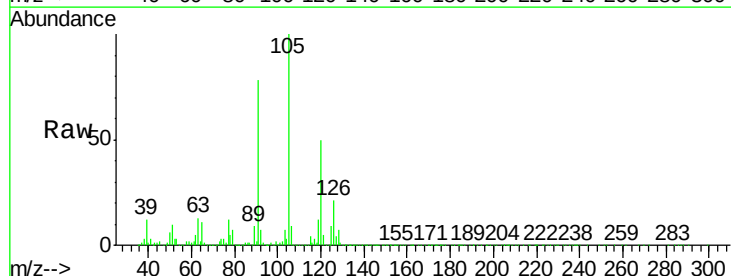
Manual Integrations
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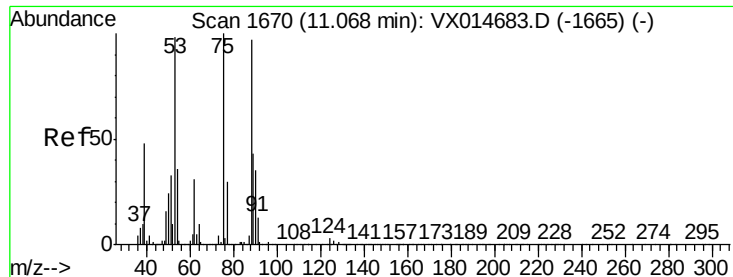
MMDadoda
 2/7/2020 11:44:52 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.013 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.755 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

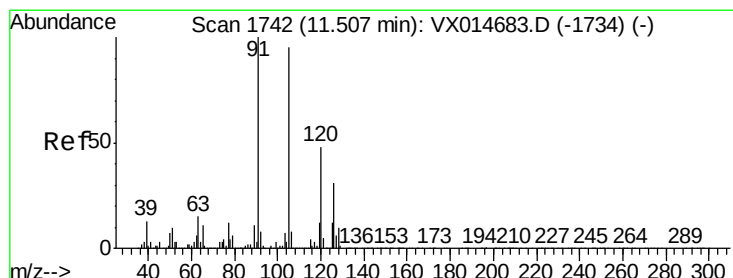
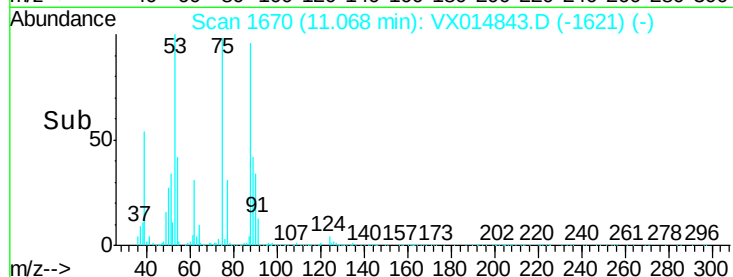
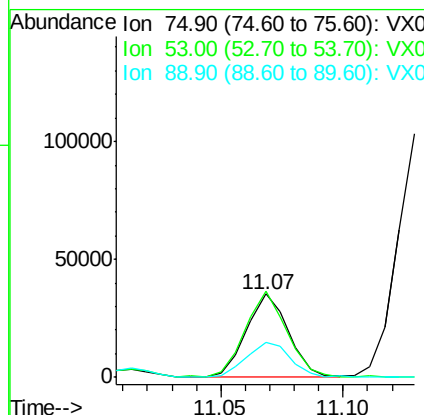
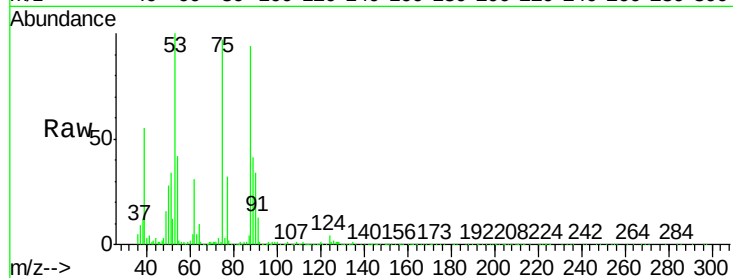
ClientSampleId :

VX0206WBSD01

Tot Ion:	75	Resp:	41640
Ion Ratio	Lower	Upper	
75	100		
53	101.6	78.8	118.2
89	46.6	35.4	53.0

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#82

4-Chlorotoluene

Concen: 19.401 ug/l

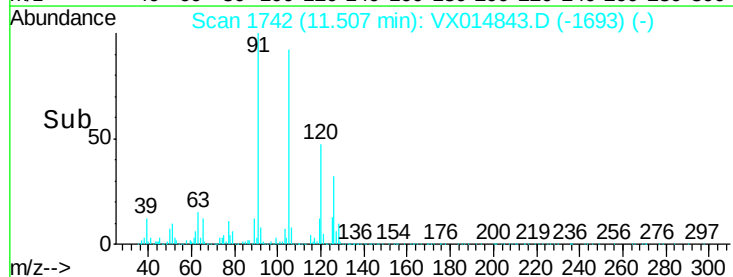
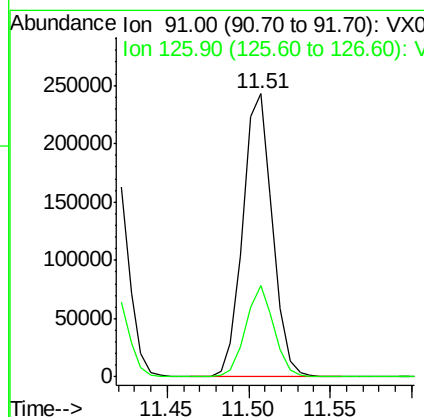
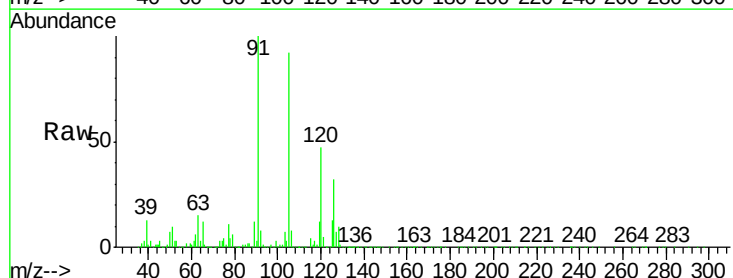
RT: 11.51 min Scan# 1742

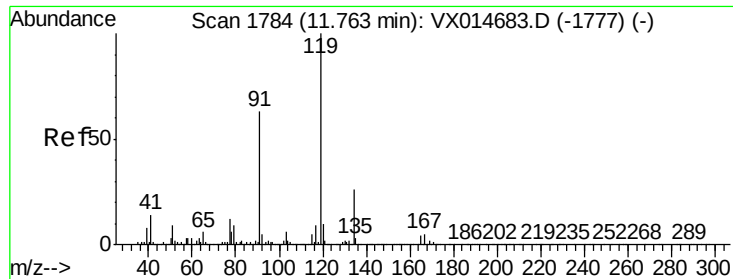
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	91	Resp:	305968
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.4





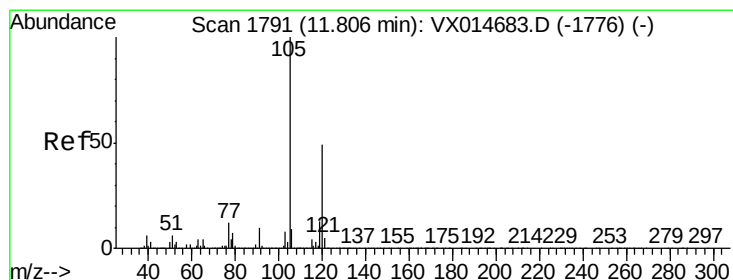
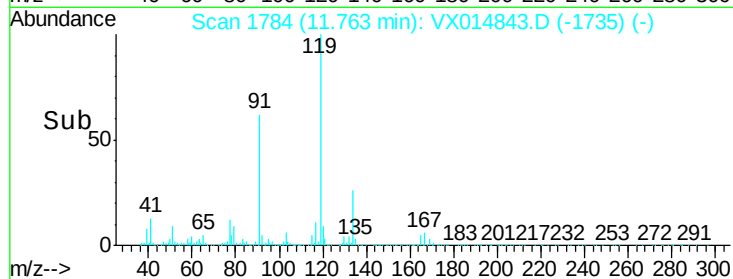
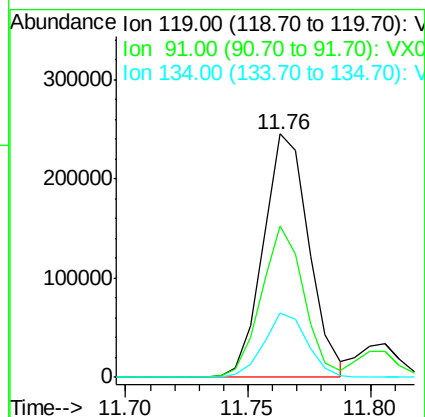
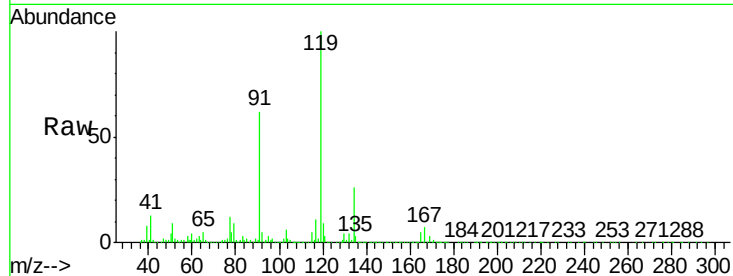
#83
 tert-Butylbenzene
 Concen: 20.247 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318503		
91	57.7	30.0	90.0	
134	25.0	12.7	38.0	

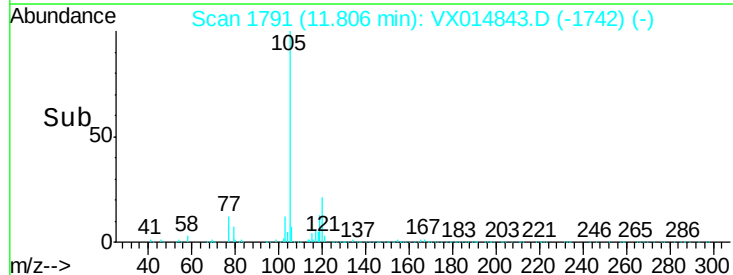
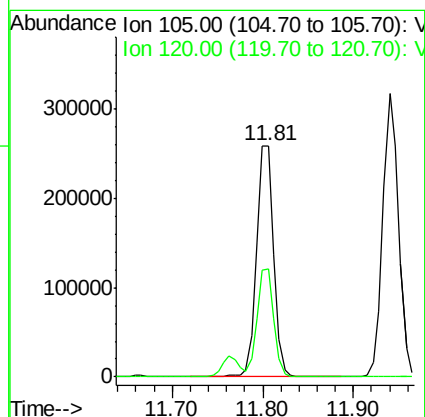
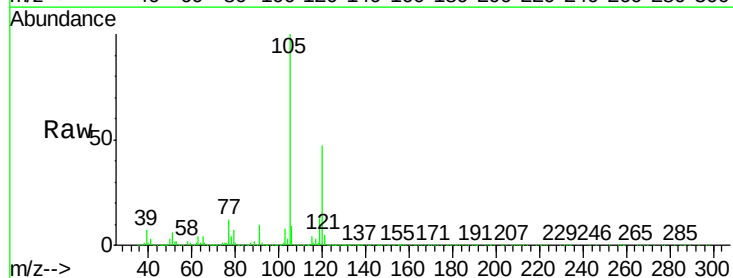
Manual Integrations
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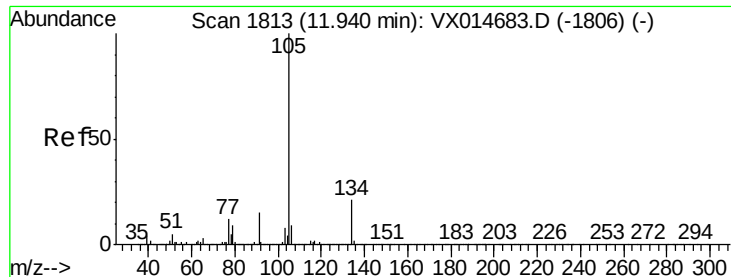
MMDadoda
 2/7/2020 11:44:52 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.017 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336111		
120	45.5	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.842 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

ClientSampled :

VX0206WBSD01

Tot Ion:105 Resp: 382386

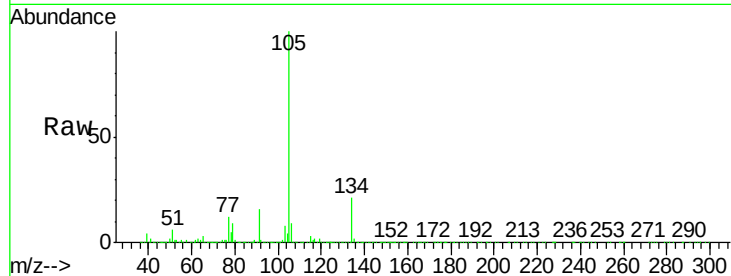
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

300000

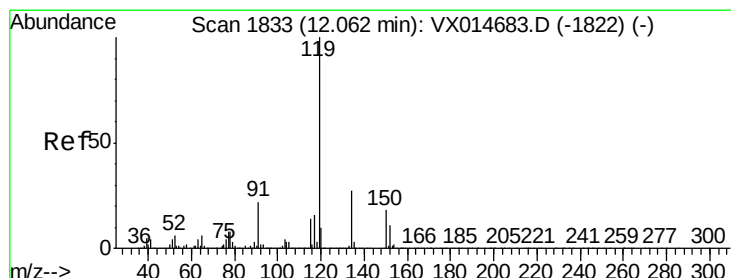
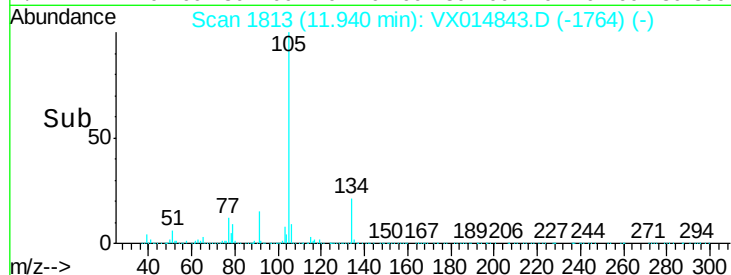
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.786 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

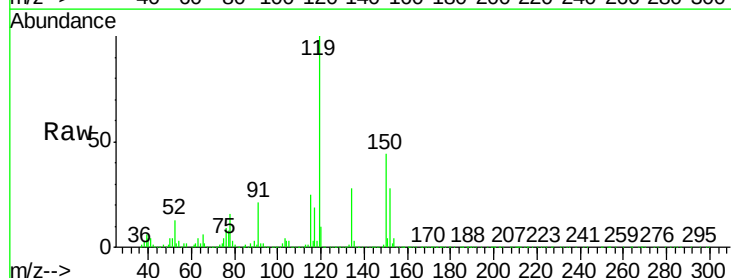
Tgt Ion:119 Resp: 352370

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 23.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

300000

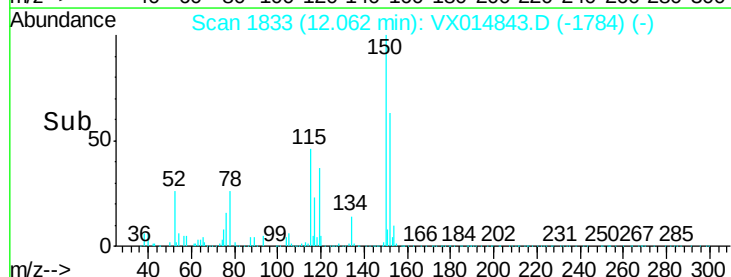
200000

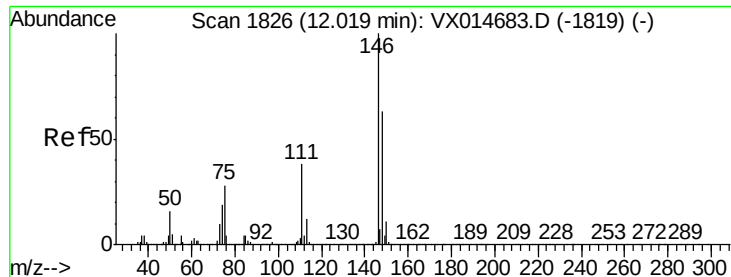
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.750 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014843.D

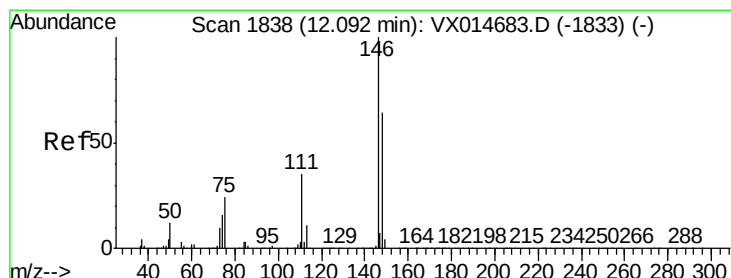
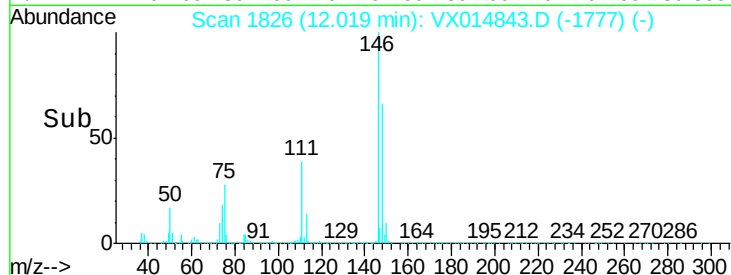
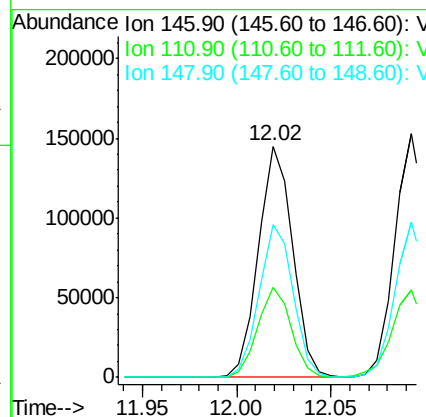
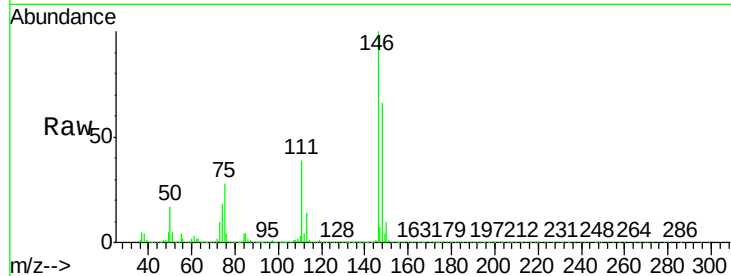
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	65.6	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.046 ug/l

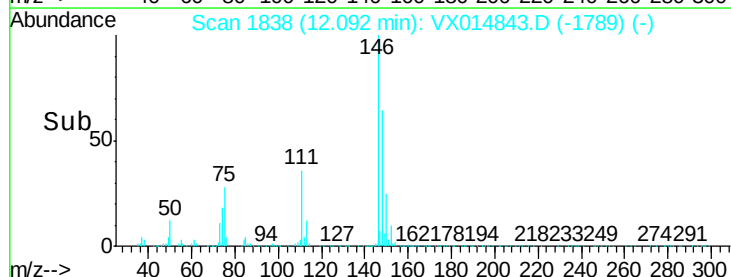
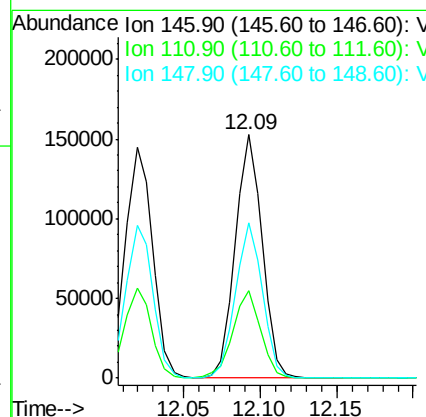
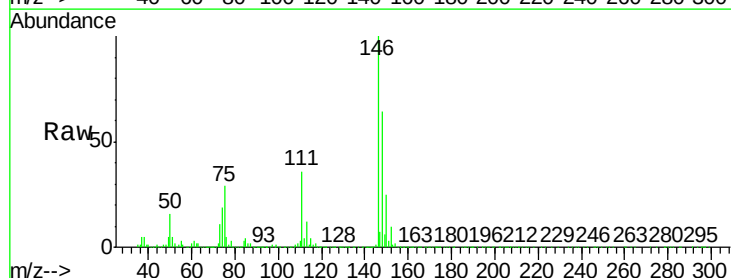
RT: 12.09 min Scan# 1838

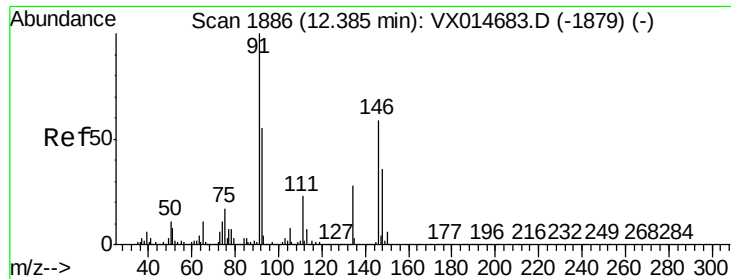
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

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





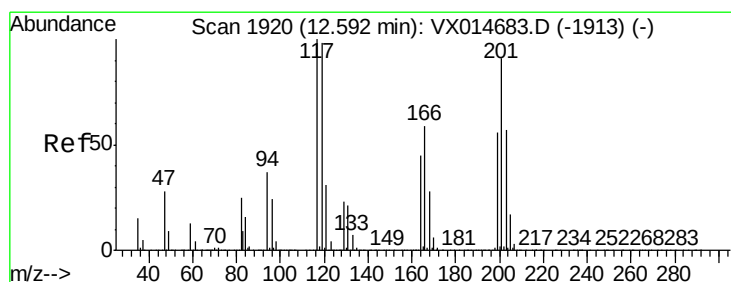
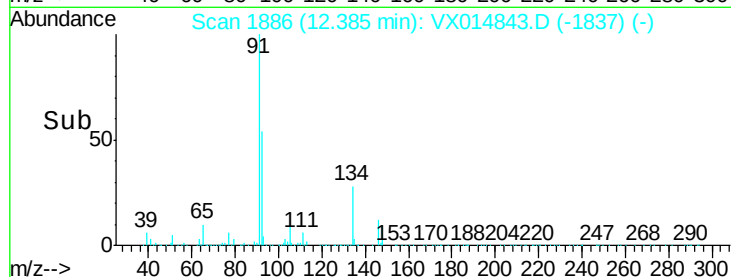
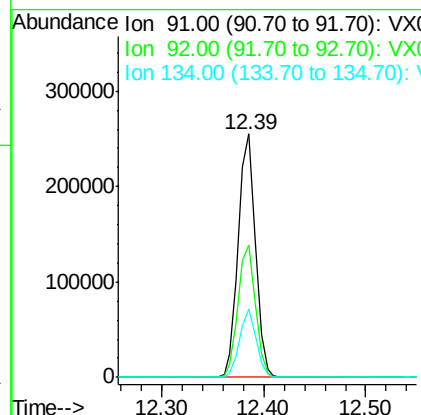
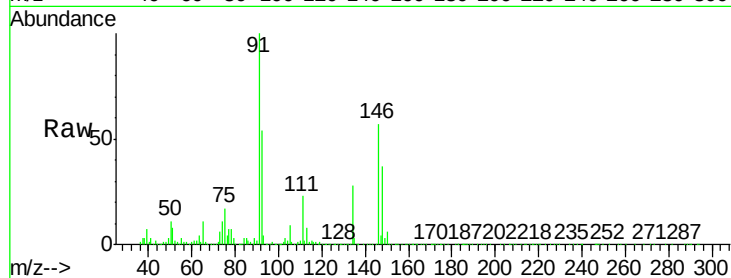
#89
n-Butylbenzene
Concen: 18.981 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampled :
VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	27.4	13.3	39.8

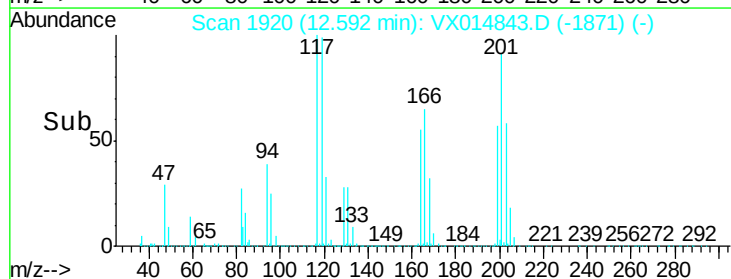
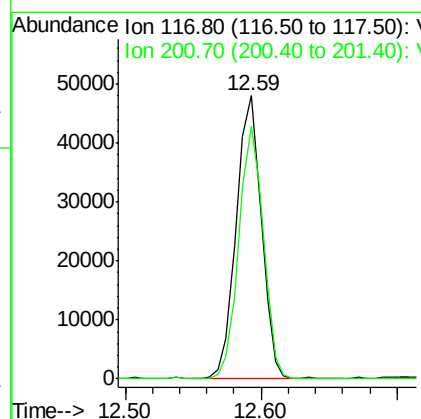
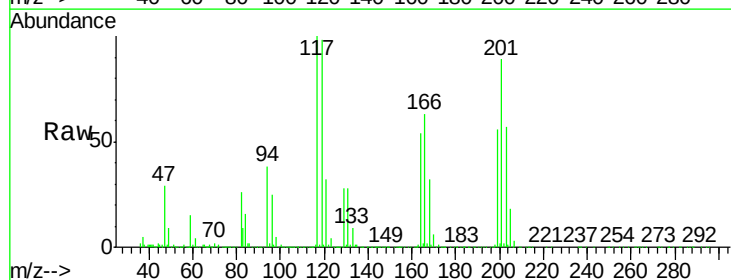
Manual Integrations
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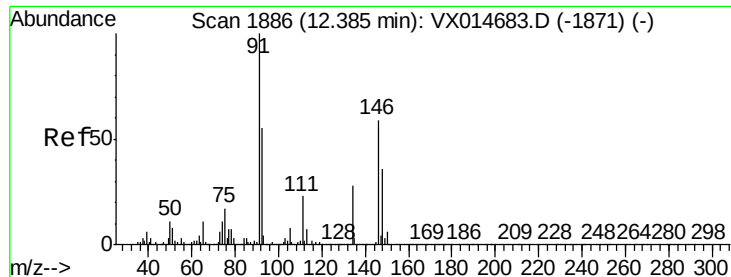
MMDadoda
2/7/2020 11:44:52 AM



#90
Hexachloroethane
Concen: 18.657 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.4	133.1





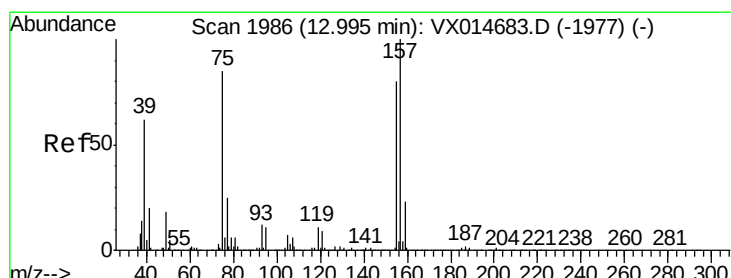
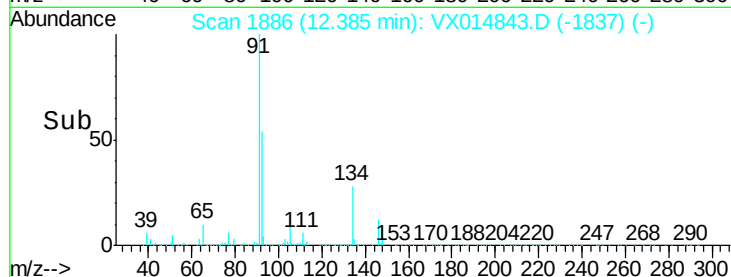
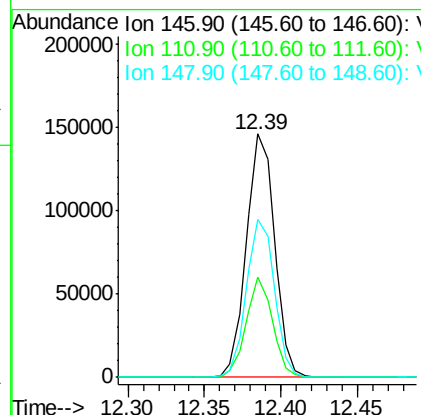
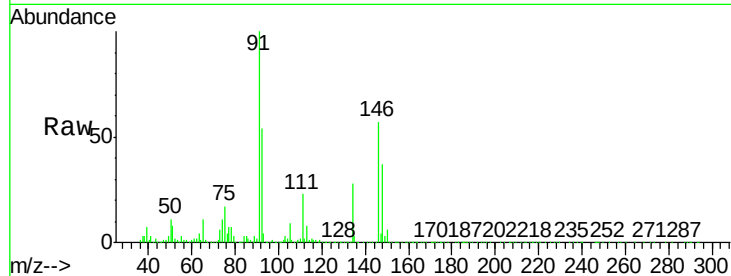
#91
 1,2-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	64.6	31.9	95.9

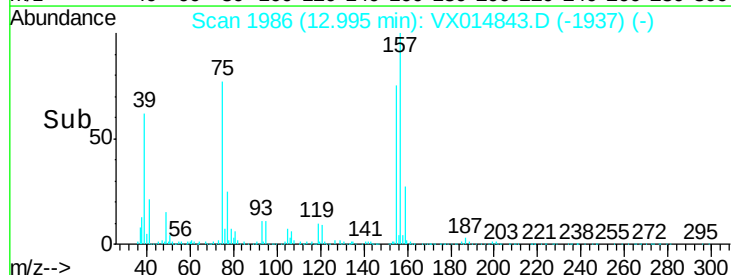
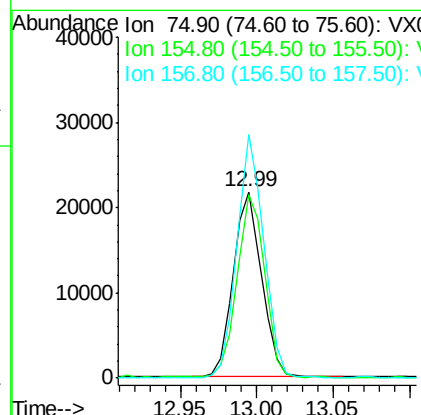
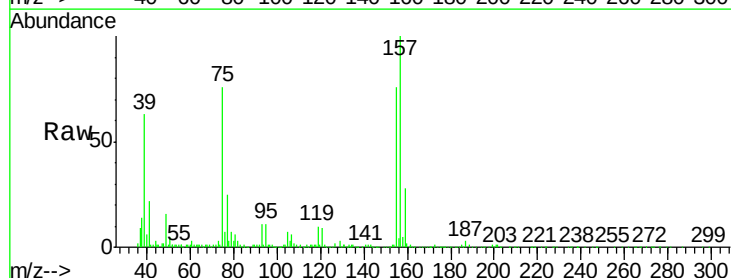
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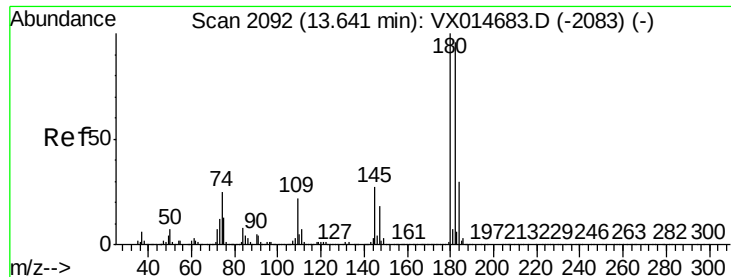
MMDadoda
 2/7/2020 11:44:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.028 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014843.D
 Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	45.6	136.9
157	125.6	60.3	180.9





#93

1,2,4-Trichlorobenzene

Concen: 20.005 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Instrument :

MSVOA_X

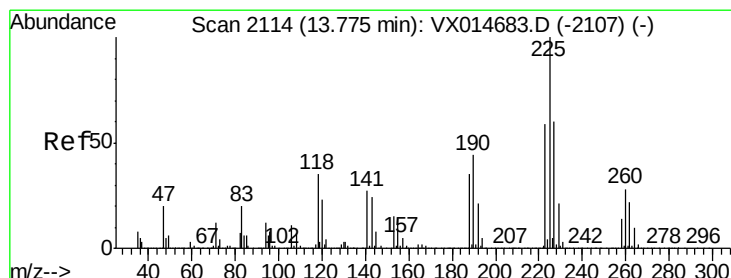
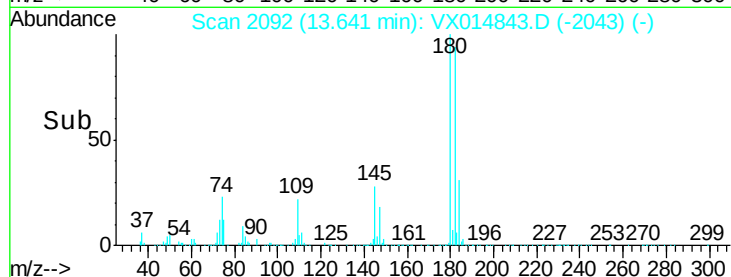
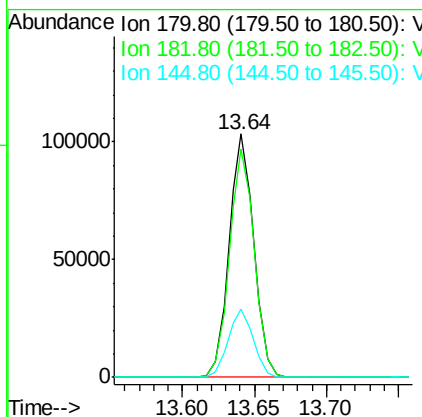
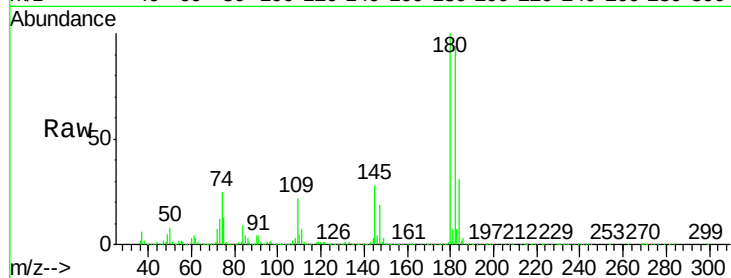
ClientSampleId :

VX0206WBSD01

Tot Ion:	180	Resp:	124748
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.5	145.6
145	28.5	14.0	41.9

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#94

Hexachlorobutadiene

Concen: 19.384 ug/l

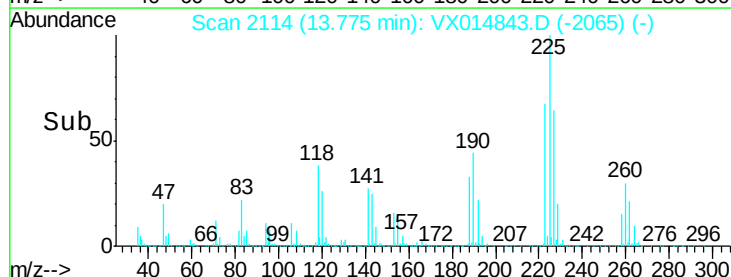
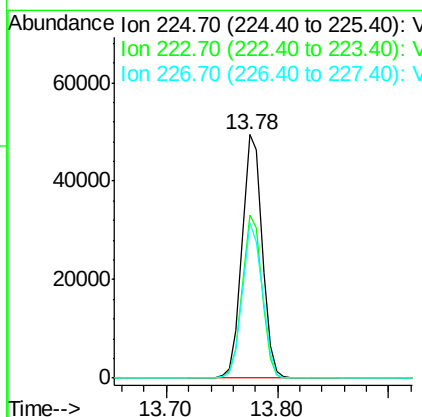
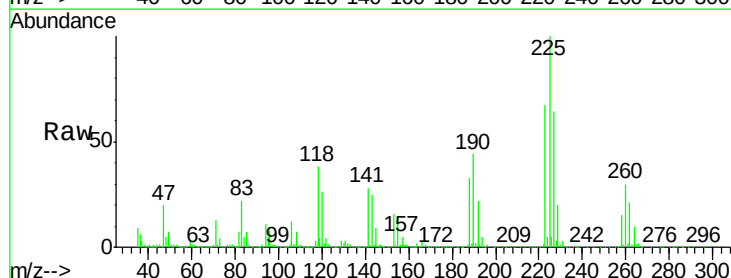
RT: 13.78 min Scan# 2114

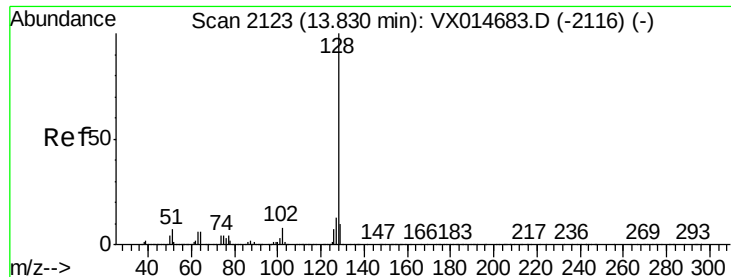
Delta R.T. 0.00 min

Lab File: VX014843.D

Acq: 06 Feb 2020 13:17

Tgt Ion:	225	Resp:	62213
Ion Ratio	Lower	Upper	
225	100		
223	65.7	30.6	91.8
227	62.9	31.4	94.0





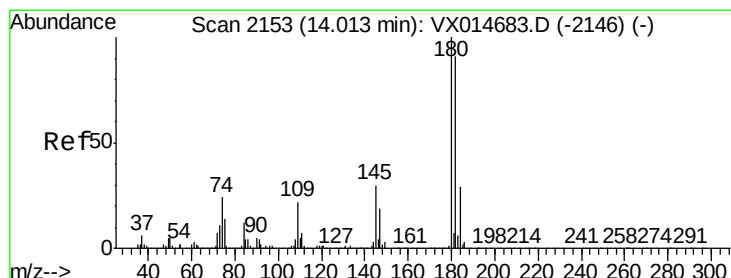
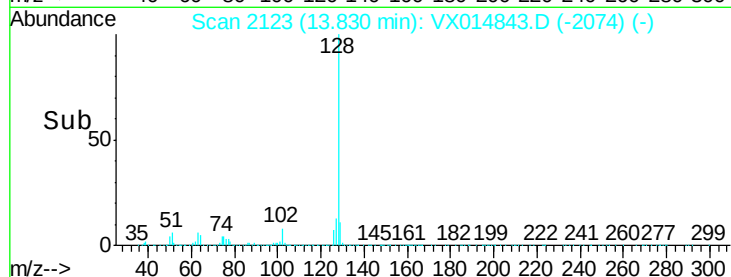
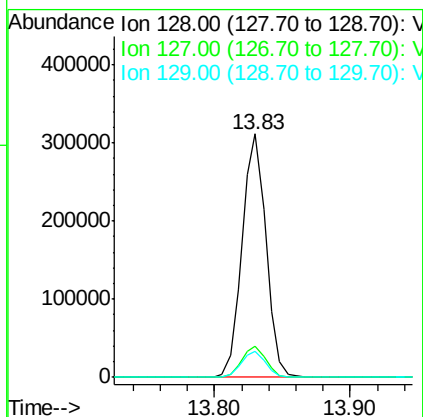
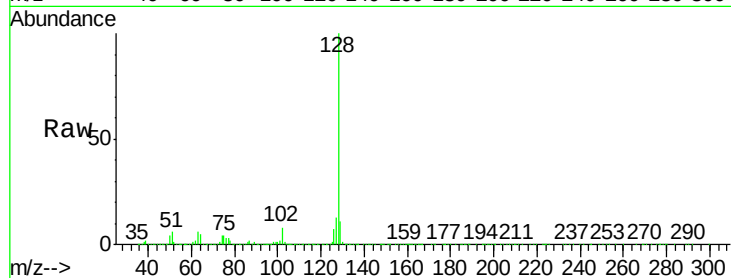
#95
Naphthalene
Concen: 19.608 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	382679		
127	12.8		10.3	15.5
129	10.7		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.267 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014843.D
Acq: 06 Feb 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	127792		
182	94.2		46.6	139.7
145	30.0		14.7	44.1

