

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014844.D
 Acq On : 06 Feb 2020 13:51
 Operator : JC/SP
 Sample : VX0206MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:56 AM

Quant Time: Feb 06 15:47:39 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	414112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	602250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	549697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231443	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.48	113	186683	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	698971	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	249540	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87636	16.130	ug/l	98
3) Chloromethane	1.32	50	88197	15.743	ug/l	99
4) Vinyl Chloride	1.40	62	100765	16.635	ug/l	99
5) Bromomethane	1.63	94	65080	15.818	ug/l	97
6) Chloroethane	1.72	64	60862	16.639	ug/l	99
7) Trichlorofluoromethane	1.92	101	125056	17.731	ug/l	98
8) Diethyl Ether	2.18	74	56585	18.381	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74339	17.954	ug/l	98
10) Methyl Iodide	2.50	142	95240	17.530	ug/l	98
11) Tert butyl alcohol	3.02	59	97227	89.552	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70205	17.054	ug/l	97
13) Acrolein	2.28	56	64039	74.808	ug/l	98
14) Allyl chloride	2.72	41	127805	17.272	ug/l	97
15) Acrylonitrile	3.12	53	228930	91.133	ug/l	100
16) Acetone	2.43	43	239927	90.622	ug/l	99
17) Carbon Disulfide	2.56	76	166342	14.784	ug/l	100
18) Methyl Acetate	2.76	43	145169	19.189	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	260789	19.341	ug/l	99
20) Methylene Chloride	2.84	84	86155	17.567	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77155	17.022	ug/l	96
22) Diisopropyl ether	3.84	45	274024	18.614	ug/l	96
23) Vinyl Acetate	3.80	43	1058333	94.308	ug/l	99
24) 1,1-Dichloroethane	3.69	63	143109	17.900	ug/l	99
25) 2-Butanone	4.65	43	336516	88.619	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117579	18.374	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	91605	18.058	ug/l	97
28) Bromochloromethane	5.00	49	55544	15.810	ug/l	96
29) Tetrahydrofuran	5.11	42	203735	90.397	ug/l	99
30) Chloroform	5.20	83	146488	18.496	ug/l	100
31) Cyclohexane	5.57	56	125587	16.701	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	121862	18.204	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104969	18.758	ug/l	99
37) Ethyl Acetate	4.81	43	123371	19.248	ug/l	99
38) Carbon Tetrachloride	5.77	117	103571	19.379	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128709	18.359	ug/l	95
40) Benzene	6.13	78	321865	18.615	ug/l	99
41) Methacrylonitrile	5.03	41	67014	18.164	ug/l	96
42) 1,2-Dichloroethane	6.18	62	119809	20.065	ug/l	98
43) Isopropyl Acetate	6.43	43	201786	19.226	ug/l	99
44) Trichloroethene	7.20	130	91415	18.717	ug/l	93
45) 1,2-Dichloropropane	7.50	63	86233	19.359	ug/l	96
46) Dibromomethane	7.65	93	56565	19.607	ug/l	96
47) Bromodichloromethane	7.89	83	111801	19.758	ug/l	97
48) Methyl methacrylate	7.76	41	97560	19.454	ug/l	97
49) 1,4-Dioxane	7.73	88	41645	391.762	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	642910	97.052	ug/l	99
52) Toluene	8.78	92	205250	19.311	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	120135	19.718	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135560	20.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88821	20.411	ug/l	98
56) Ethyl methacrylate	9.17	69	133360	19.216	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145748	19.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	211352	96.575	ug/l	97
59) 2-Hexanone	9.48	43	494288	96.157	ug/l	100
60) Dibromochloromethane	9.57	129	90473	19.918	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90925	19.762	ug/l	100
64) Tetrachloroethene	9.33	164	101030	18.567	ug/l	99
65) Chlorobenzene	10.13	112	226672	19.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	85186	19.650	ug/l	98
67) Ethyl Benzene	10.25	91	385931	19.223	ug/l	97
68) m/p-Xylenes	10.36	106	297972	39.177	ug/l	99
69) o-Xylene	10.70	106	145214	19.777	ug/l	99
70) Styrene	10.71	104	244811	19.876	ug/l	99
71) Bromoform	10.85	173	68733	19.937	ug/l #	99
73) Isopropylbenzene	11.01	105	386322	19.656	ug/l	99
74) N-amyl acetate	10.89	43	167944	19.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130597	18.610	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111904m	17.207	ug/l	
77) Bromobenzene	11.25	156	102828	19.475	ug/l	96
78) n-propylbenzene	11.35	91	436778	19.578	ug/l	99
79) 2-Chlorotoluene	11.42	91	260836	19.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	323248	19.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40898	17.897	ug/l	96
82) 4-Chlorotoluene	11.51	91	301484	19.618	ug/l	99
83) tert-Butylbenzene	11.76	119	307470	20.059	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	328640	20.086	ug/l	98
85) sec-Butylbenzene	11.94	105	375752	20.010	ug/l	100
86) p-Isopropyltoluene	12.06	119	348081	20.058	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181526	19.130	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	184949	19.458	ug/l	99
89) n-Butylbenzene	12.39	91	293109	19.393	ug/l	99
90) Hexachloroethane	12.59	117	59353	18.413	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	182439	19.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28367	18.815	ug/l	99

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
VX0206MBS01

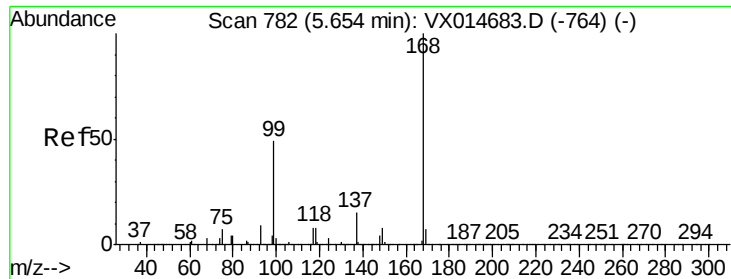
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122527	20.165	ug/l	99
94) Hexachlorobutadiene	13.78	225	63332	20.251	ug/l	99
95) Naphthalene	13.83	128	370348	19.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126446	20.581	ug/l	98

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



#1

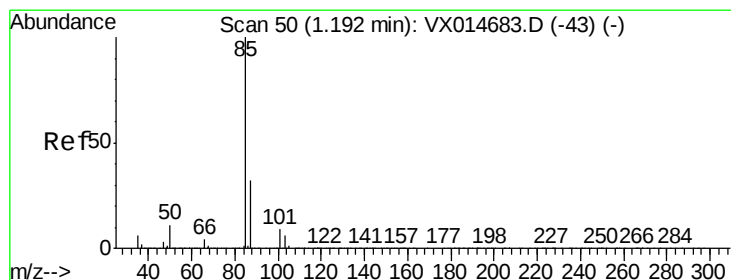
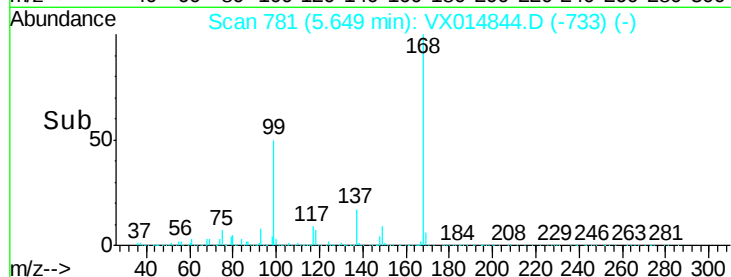
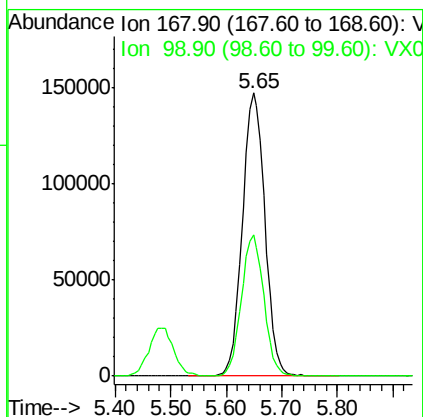
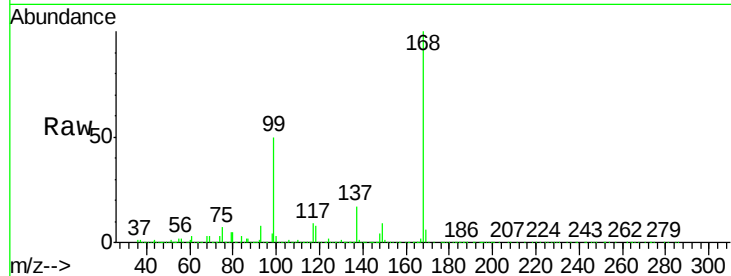
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.8	59.6

Manual Integrations
APPROVED

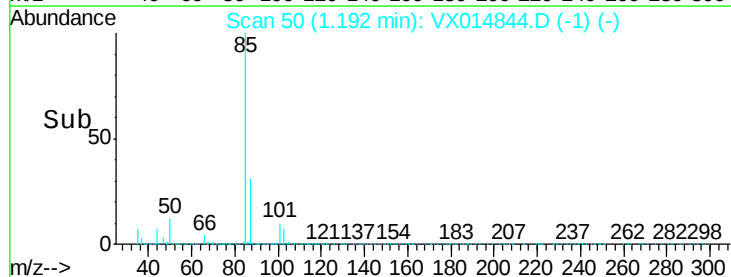
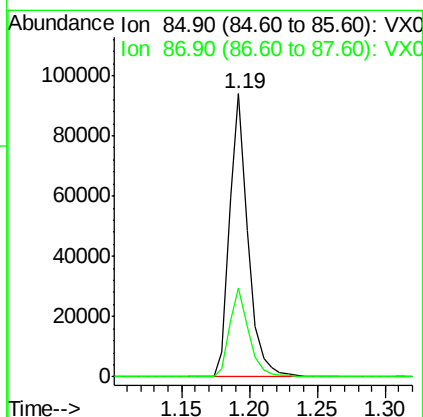
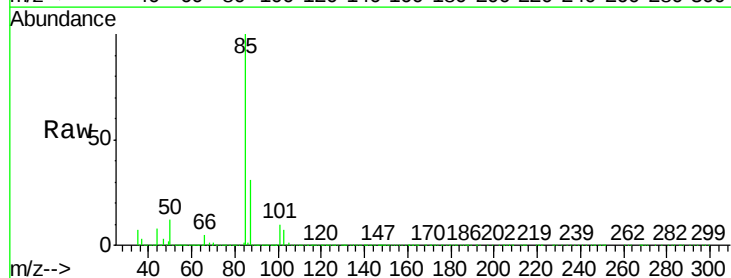
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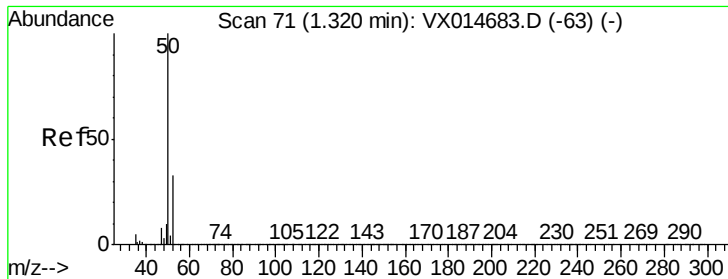


#2

Dichlorodifluoromethane
Concen: 16.130 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.2	48.5





#3

Chloromethane

Concen: 15.743 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 50 Resp: 88197

Ion Ratio Lower Upper

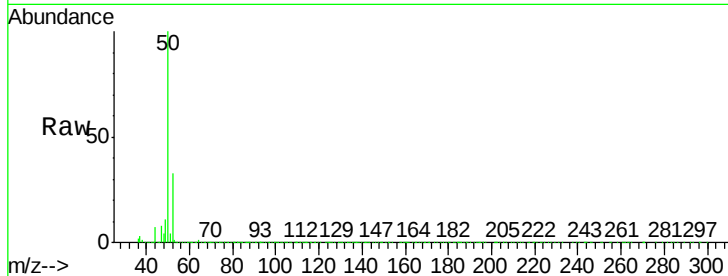
50 100

52 33.2 26.2 39.2

Manual Integrations
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2/7/2020 11:44:56 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

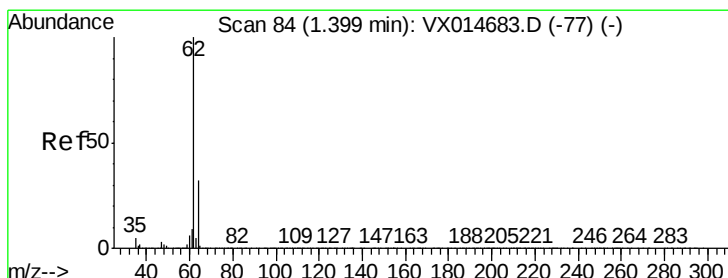
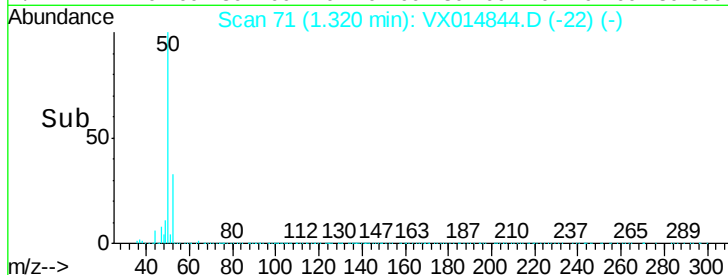
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 16.635 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014844.D

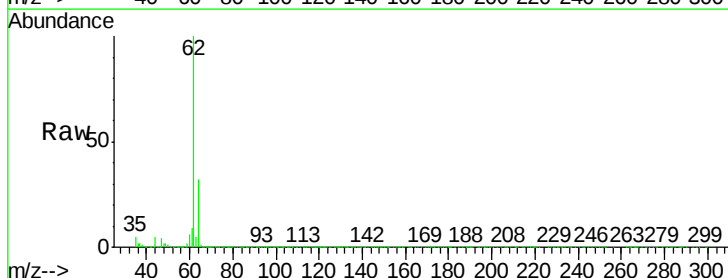
Acq: 06 Feb 2020 13:51

Tgt Ion: 62 Resp: 100765

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

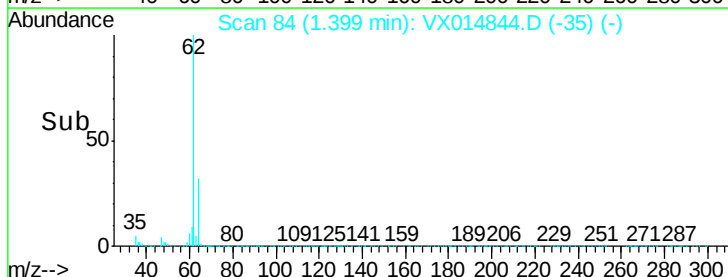
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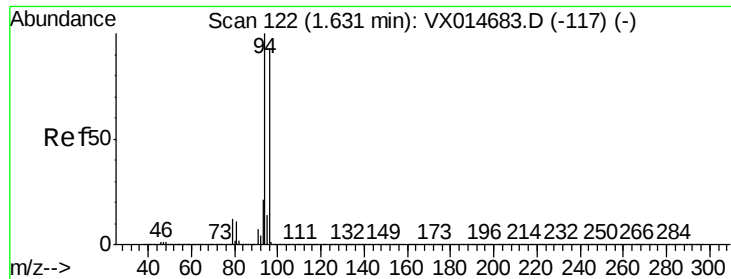
40000

20000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 15.818 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 94 Resp: 65080

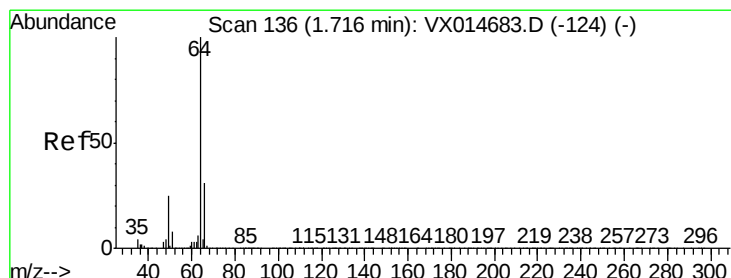
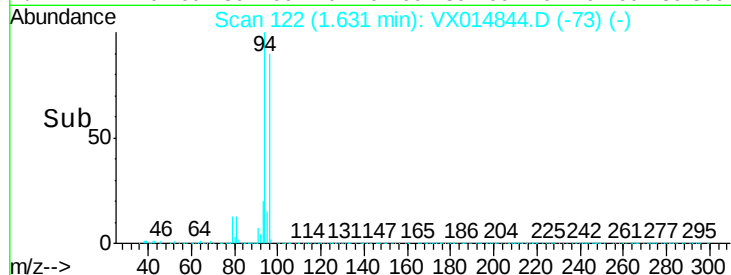
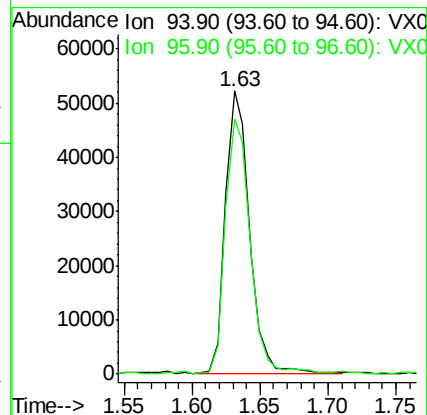
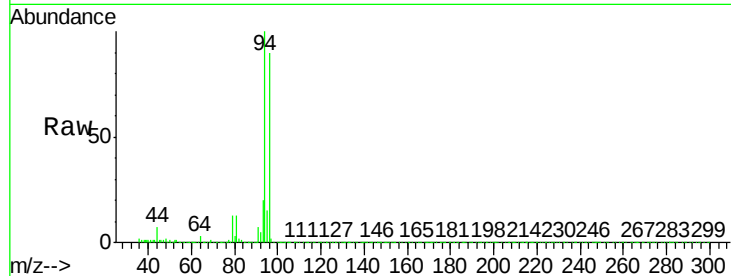
Ion Ratio Lower Upper

94 100

96 90.3 74.7 112.1

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#6

Chloroethane

Concen: 16.639 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014844.D

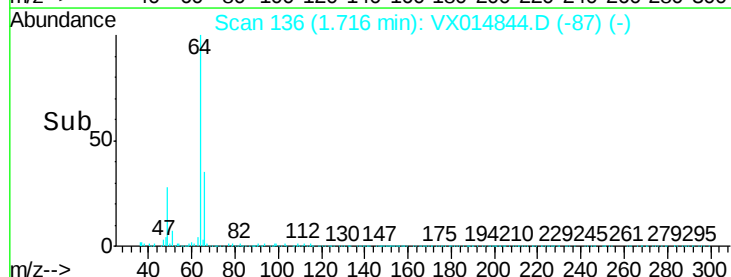
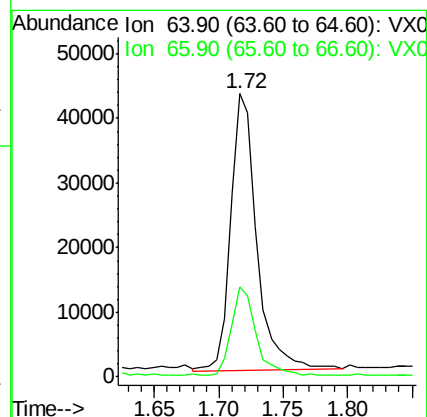
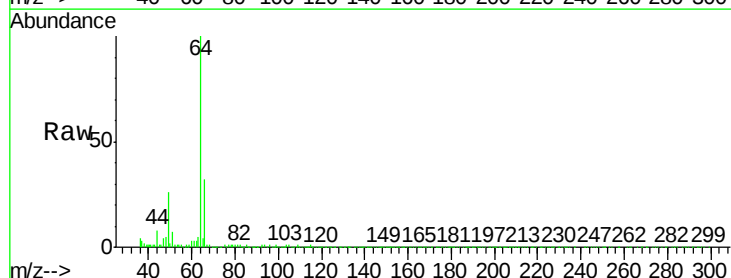
Acq: 06 Feb 2020 13:51

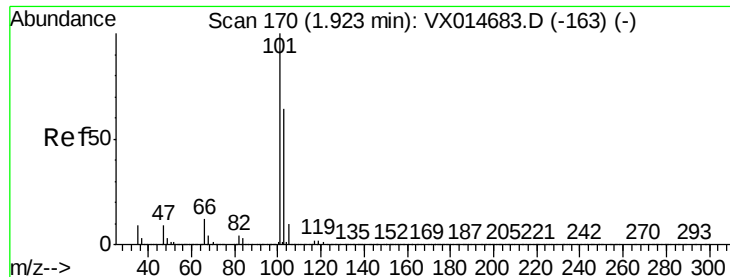
Tgt Ion: 64 Resp: 60862

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

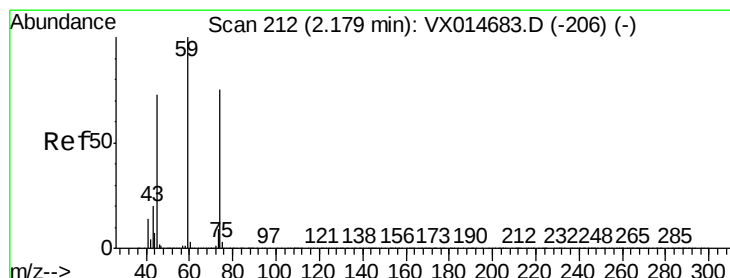
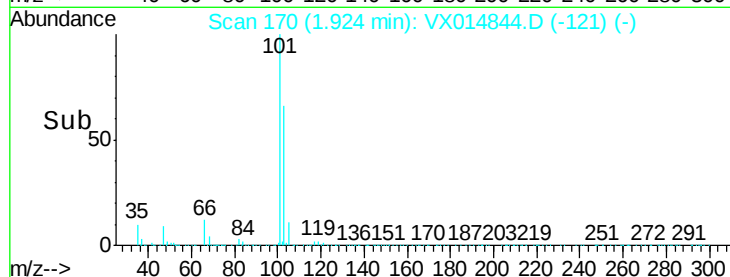
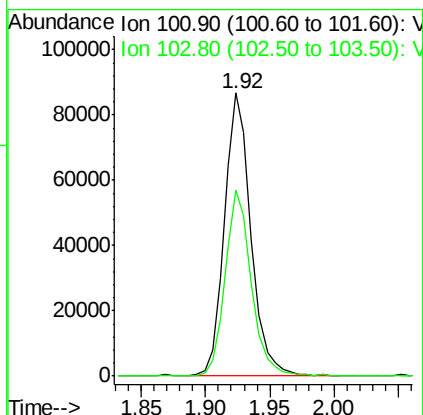
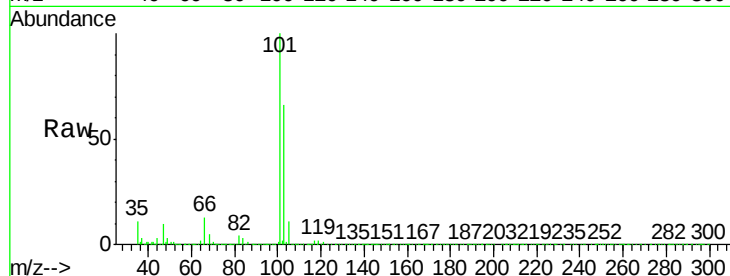
Trichlorofluoromethane
Concen: 17.731 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
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ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.6

Manual Integrations
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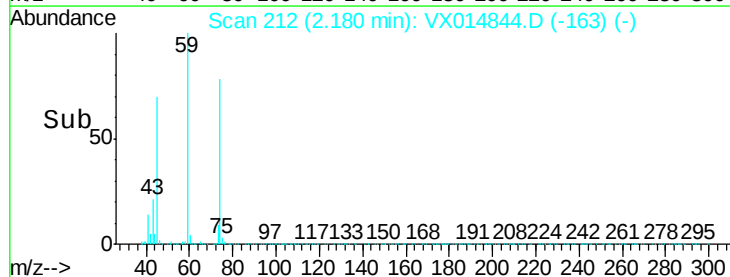
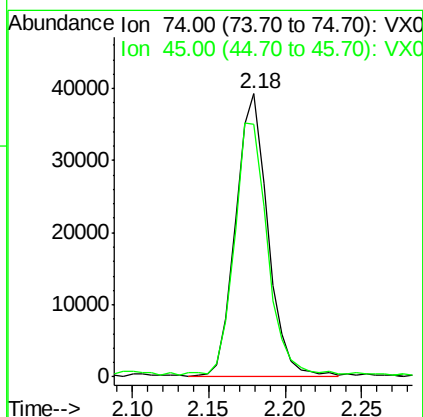
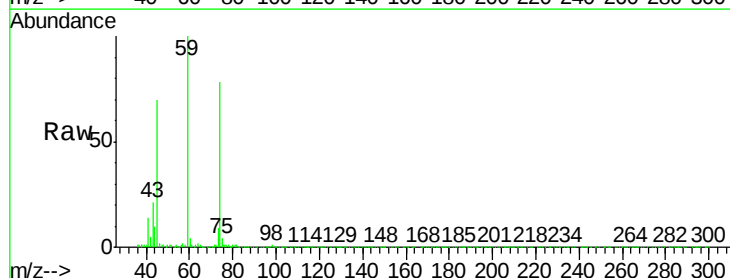
MMDadoda
2/7/2020 11:44:56 AM

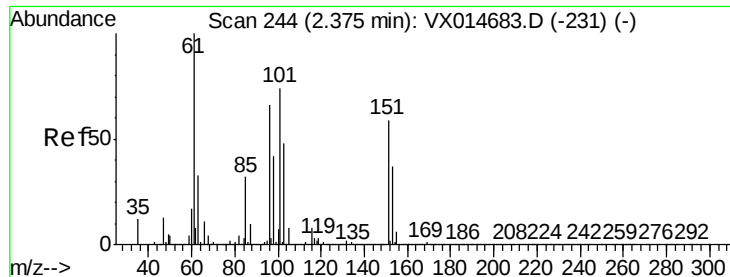


#8

Diethyl Ether
Concen: 18.381 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.954 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

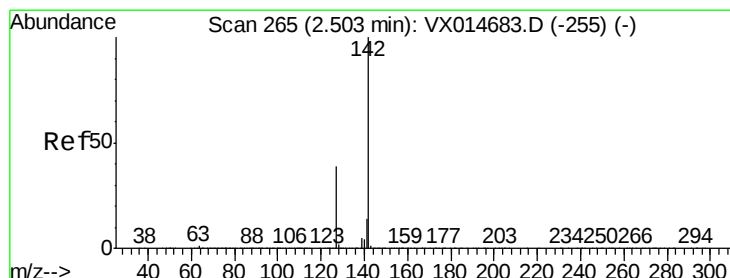
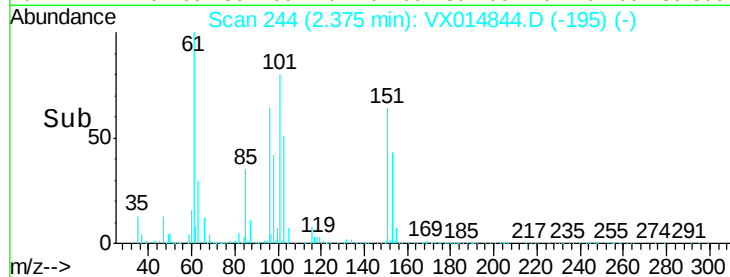
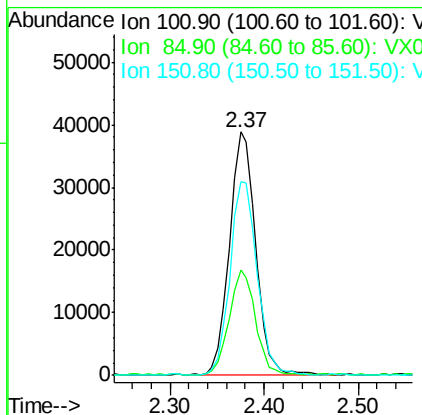
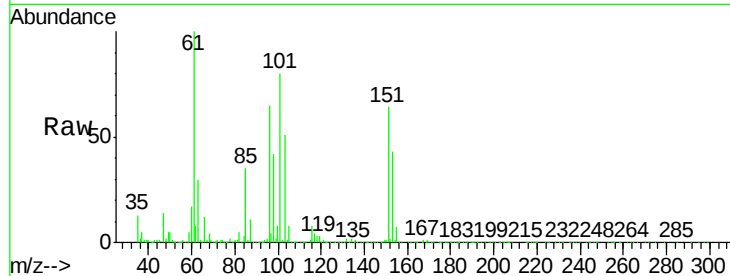
ClientSampleId :

VX0206MBS01

Tot Ion:	101	Resp:	74339
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.7	52.1
151	83.2	64.7	97.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:56 AM



#10

Methyl Iodide

Concen: 17.530 ug/l

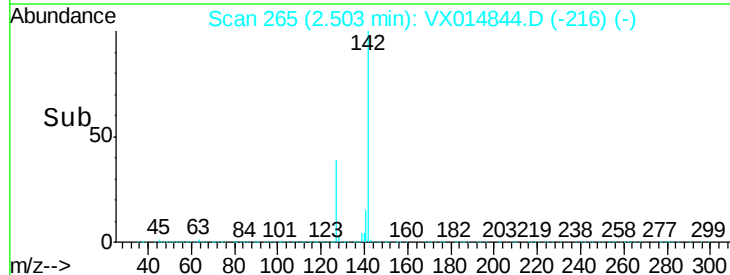
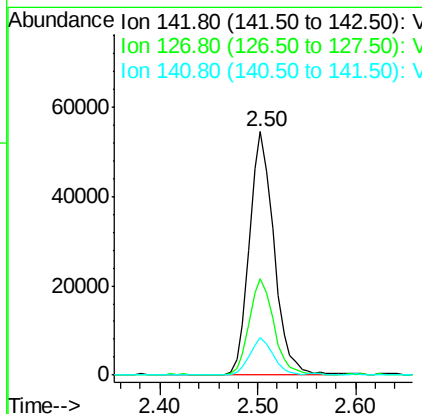
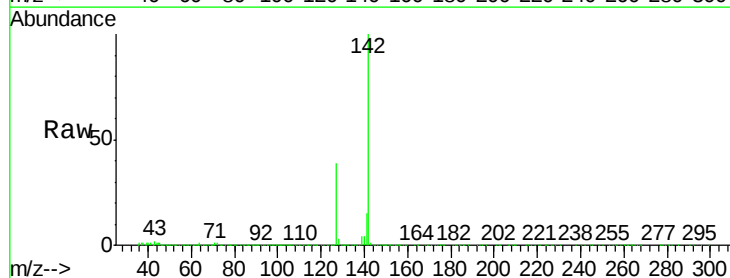
RT: 2.50 min Scan# 265

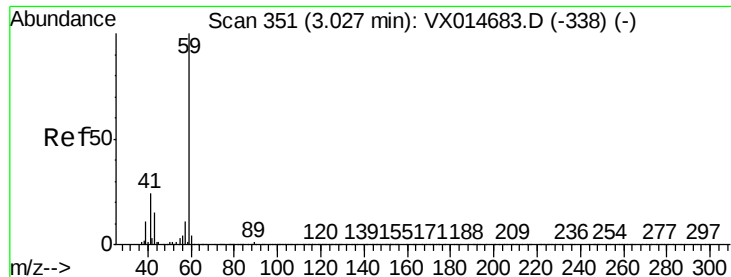
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	142	Resp:	95240
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.1	46.7
141	14.9	11.3	16.9





#11

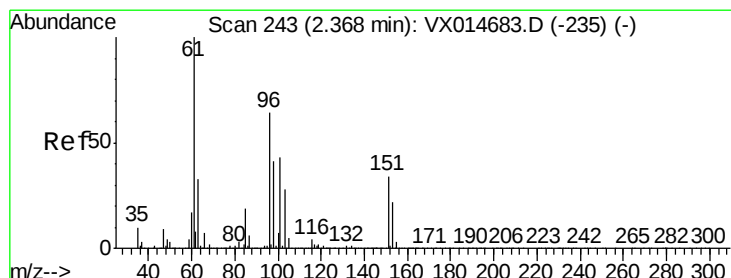
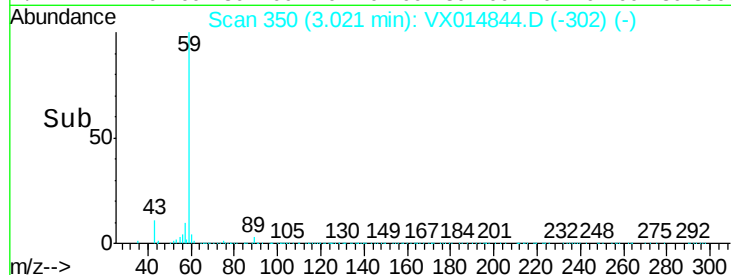
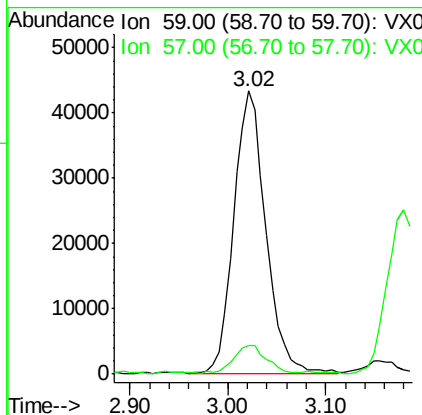
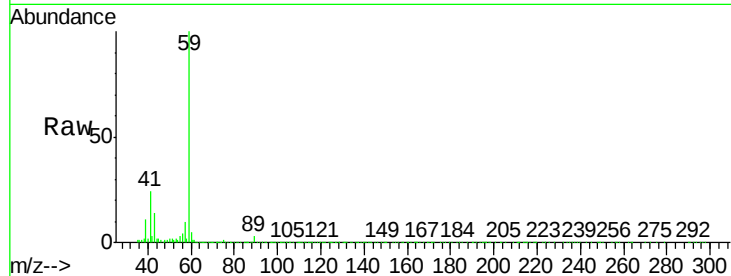
Tert butyl alcohol
Concen: 89.552 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

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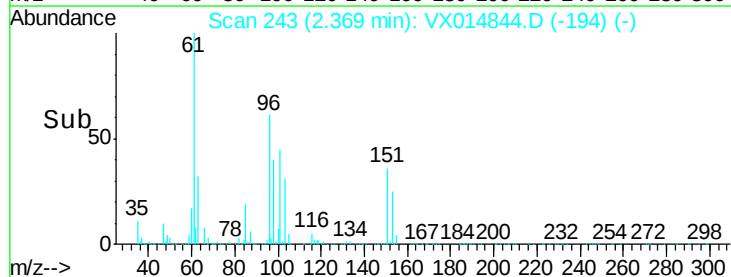
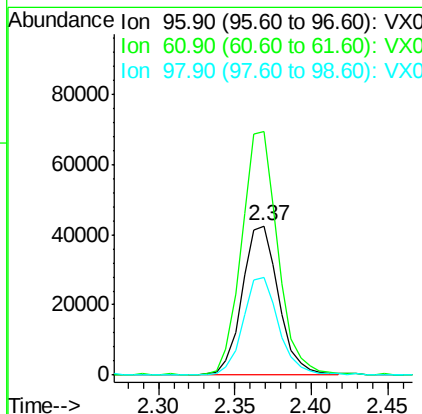
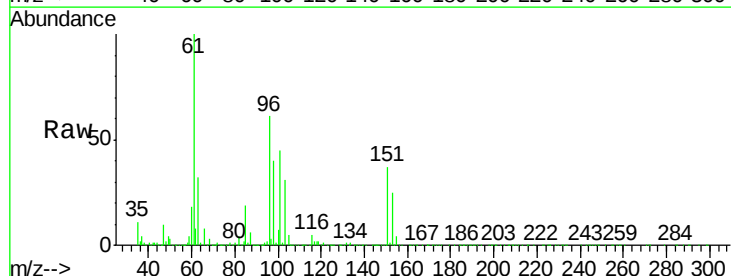
MMDadoda
2/7/2020 11:44:56 AM

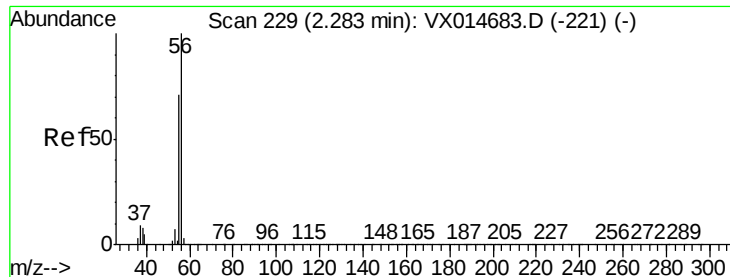


#12

1,1-Dichloroethene
Concen: 17.054 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	125.8	188.8
98	65.1	51.5	77.3





#13

Acrolein

Concen: 74.808 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 56 Resp: 64039

Ion Ratio Lower Upper

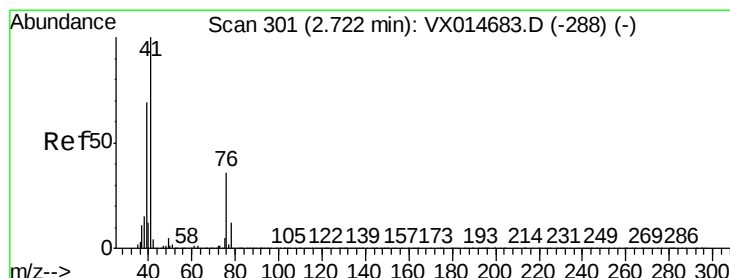
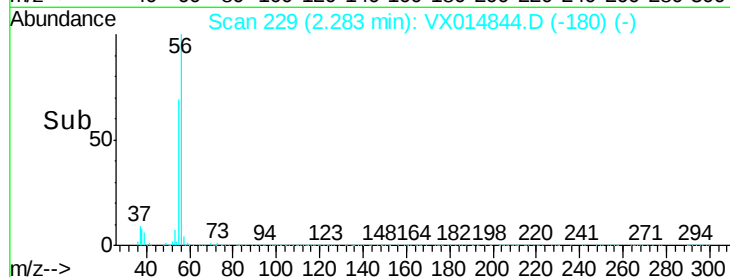
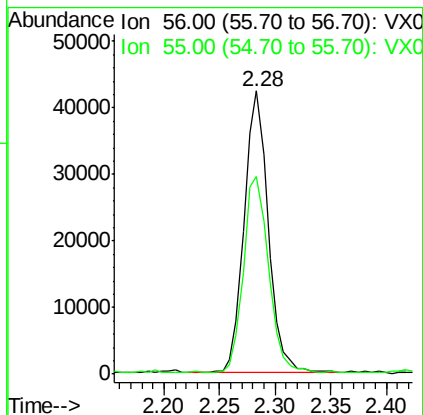
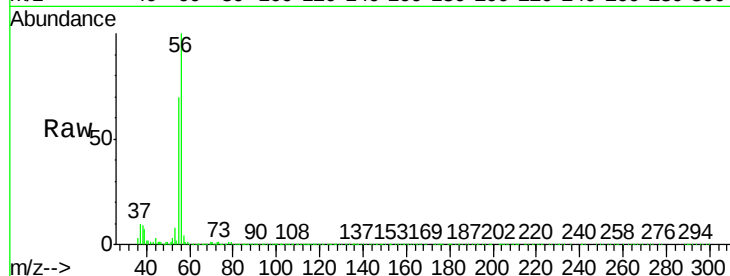
56 100

55 72.1 56.6 84.8

Manual Integrations
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2/7/2020 11:44:56 AM



#14

Allyl chloride

Concen: 17.272 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

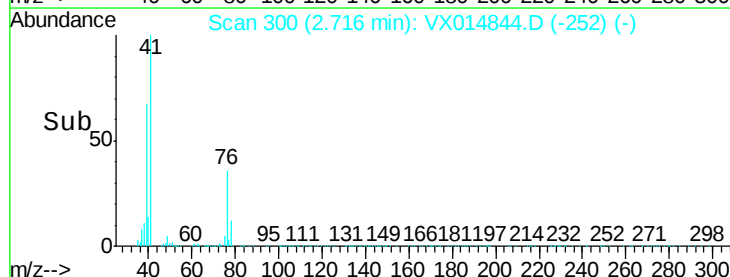
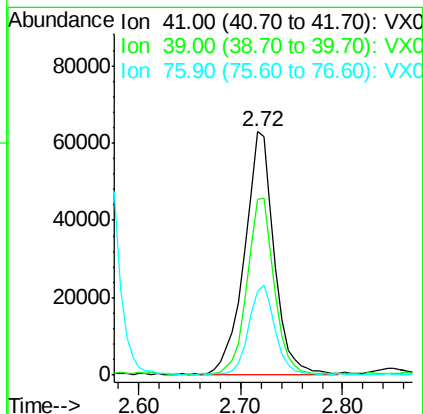
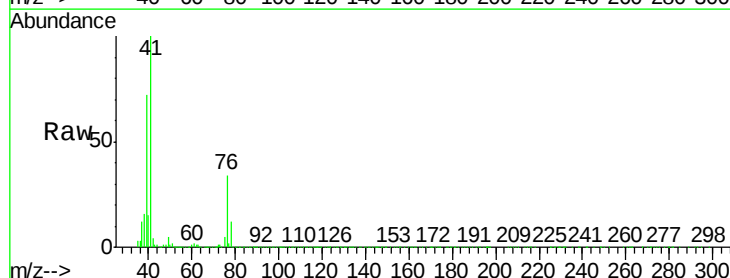
Tgt Ion: 41 Resp: 127805

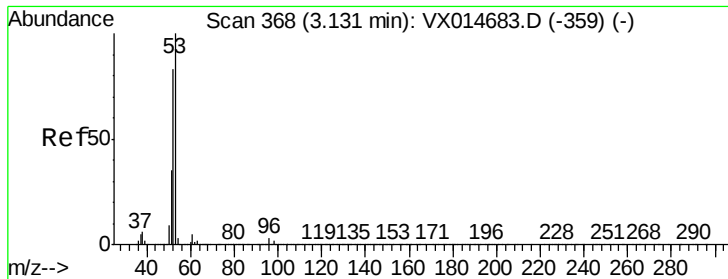
Ion Ratio Lower Upper

41 100

39 67.8 52.0 78.0

76 32.3 26.0 39.0





#15

Acrylonitrile

Concen: 91.133 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

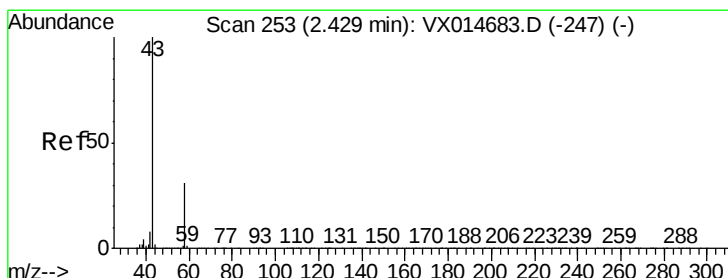
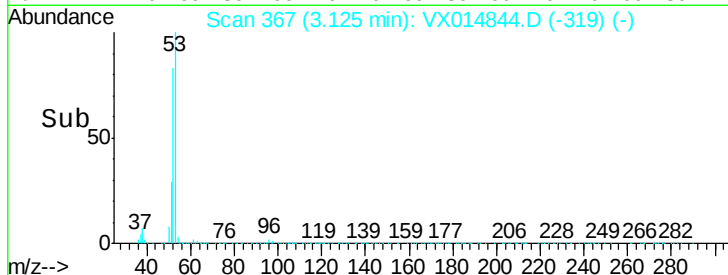
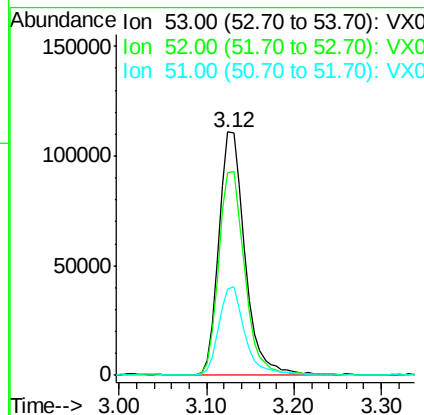
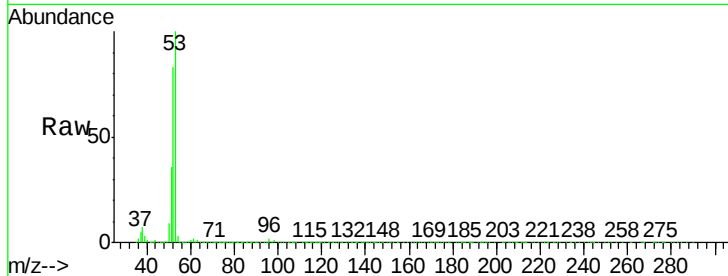
ClientSampleId :

VX0206MBS01

Tot Ion:	53	Resp:	228930
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 90.622 ug/l

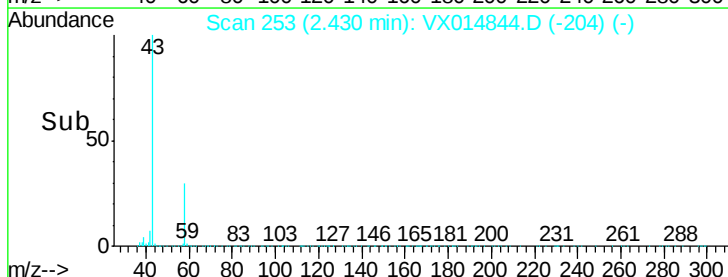
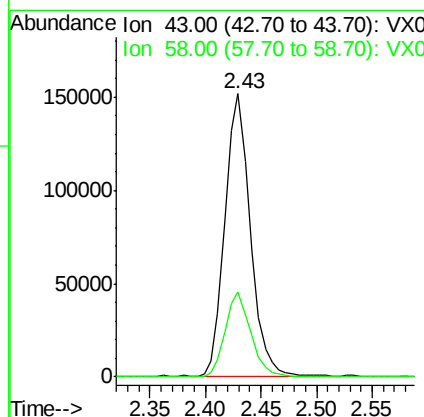
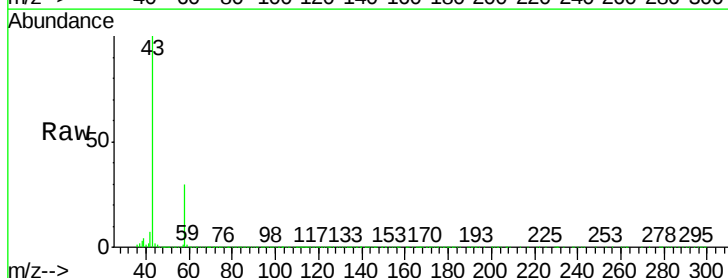
RT: 2.43 min Scan# 253

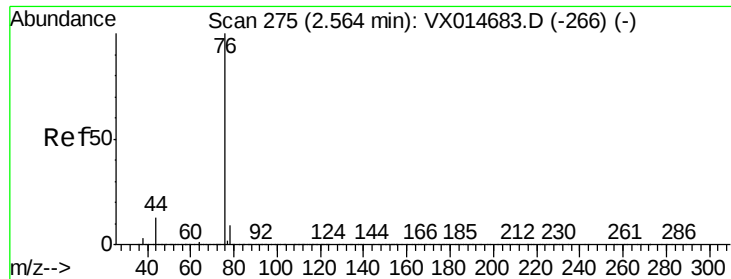
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	43	Resp:	239927
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.5	36.7





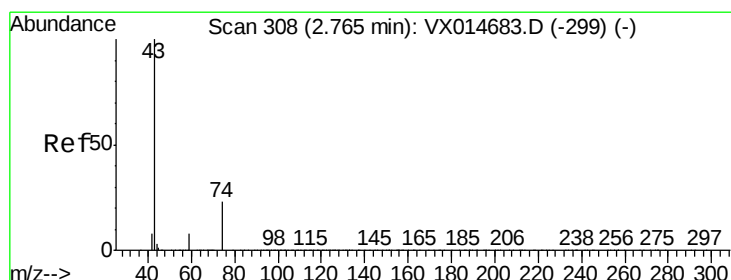
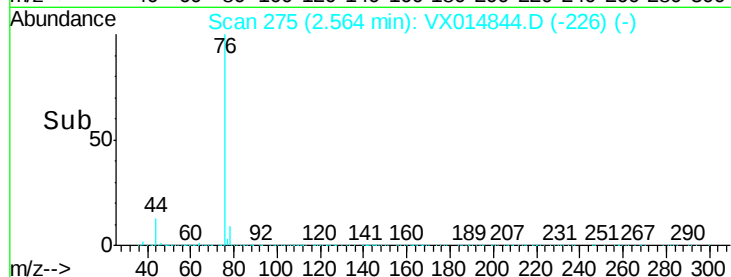
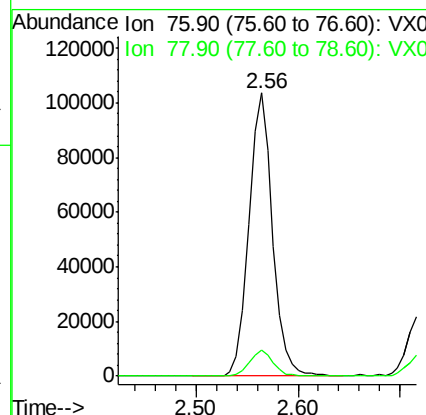
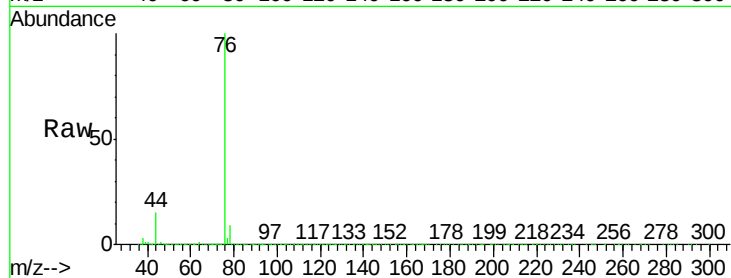
#17
Carbon Disulfide
Concen: 14.784 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

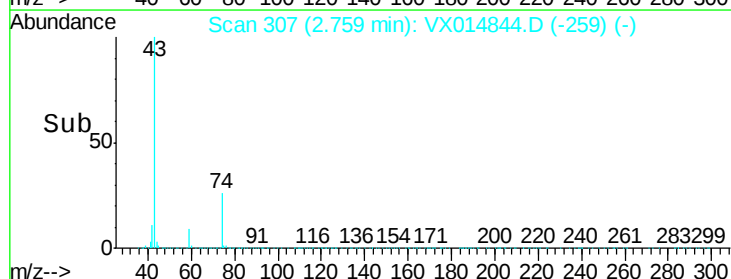
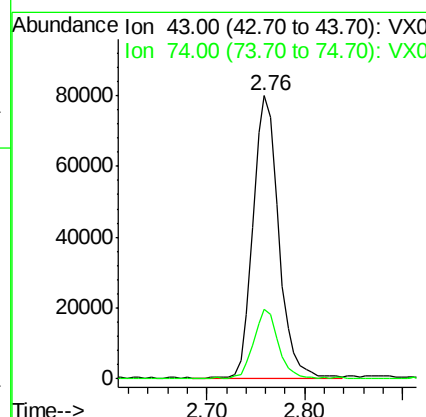
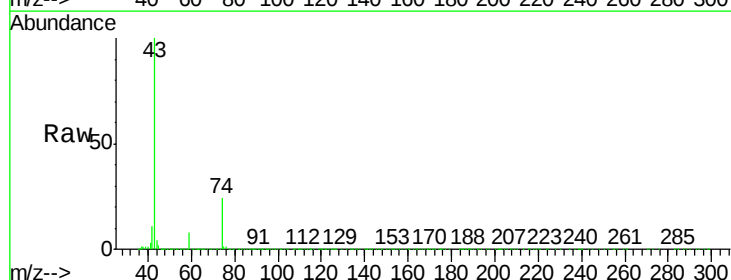
Manual Integrations
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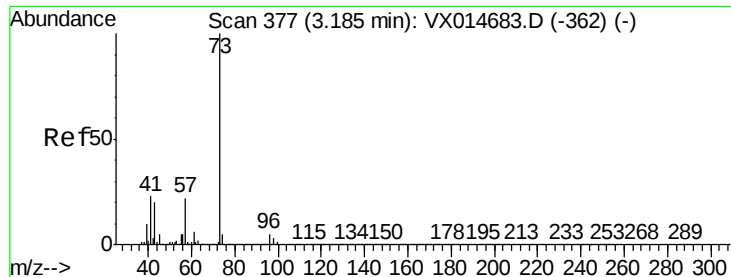
MMDadoda
2/7/2020 11:44:56 AM



#18
Methyl Acetate
Concen: 19.189 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	18.5	27.7





#19

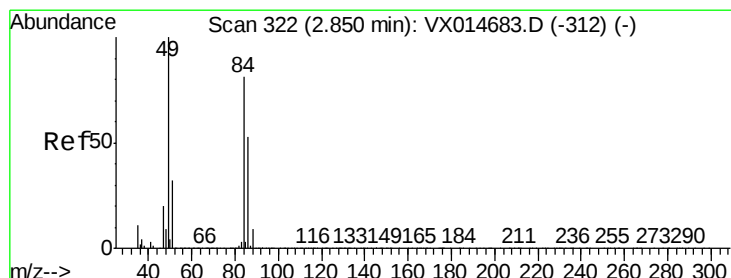
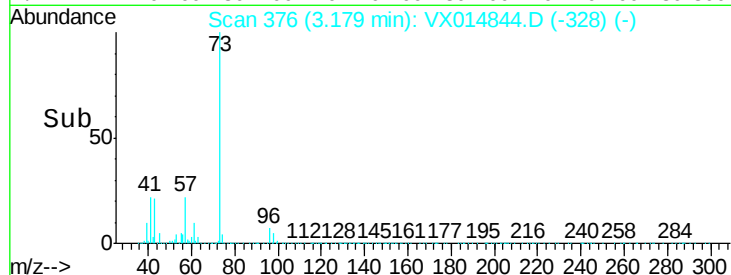
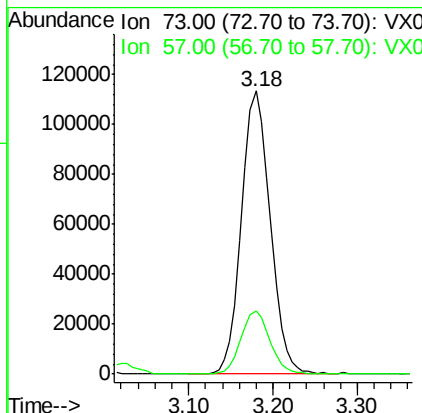
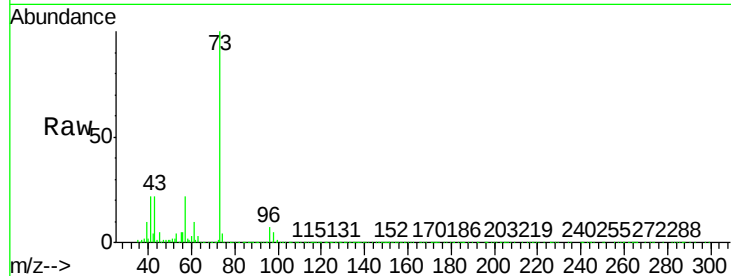
Methyl tert-butyl Ether
 Concen: 19.341 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.0	27.0

Manual Integrations
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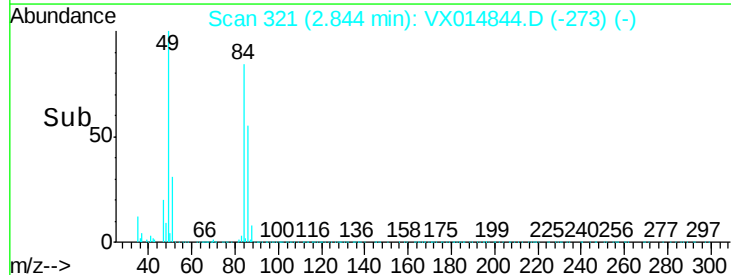
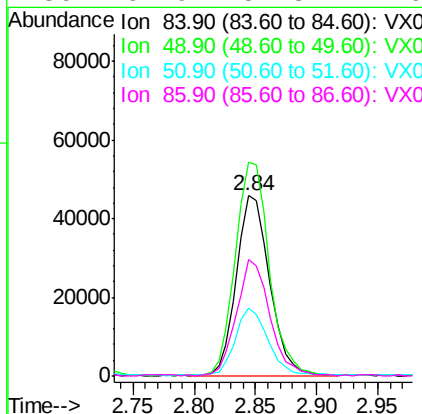
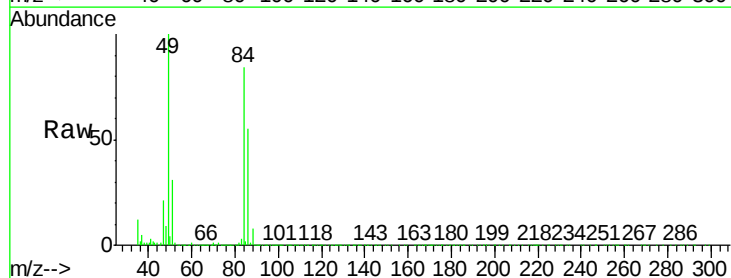
MMDadoda
 2/7/2020 11:44:56 AM

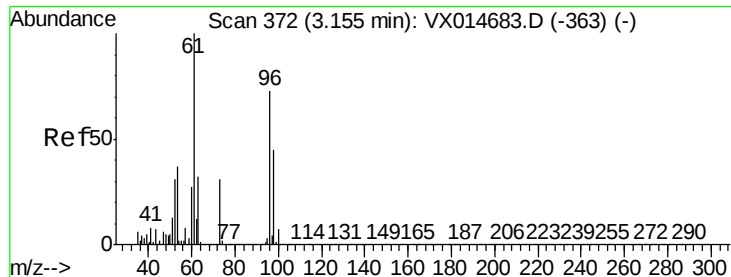


#20

Methylene Chloride
 Concen: 17.567 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	98.2	147.4
51	36.9	31.3	46.9
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.022 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

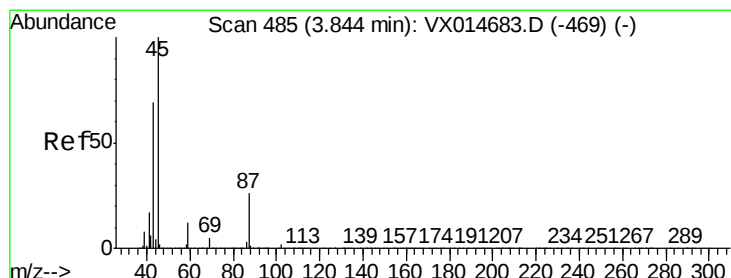
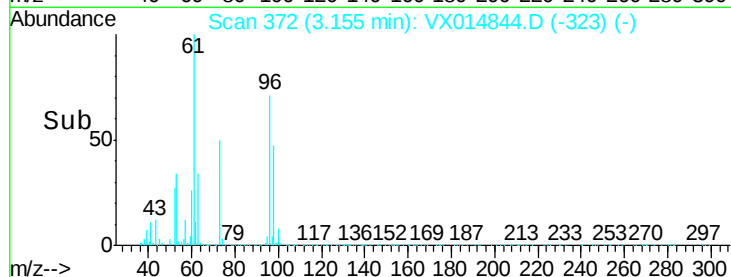
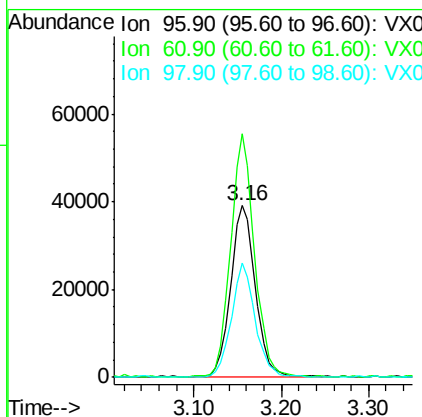
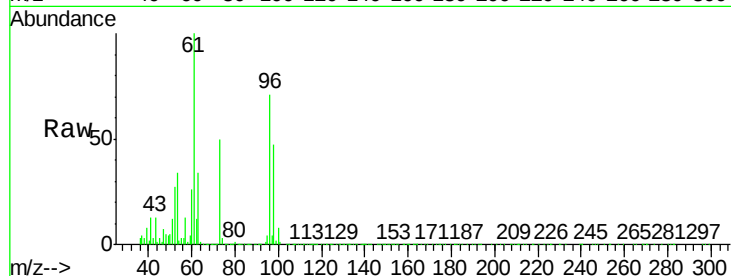
ClientSampleId :

VX0206MBSD01

Tot Ion:	96	Resp:	77155
Ion	Ratio	Lower	Upper
96	100		
61	141.6	109.8	164.6
98	66.6	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.614 ug/l

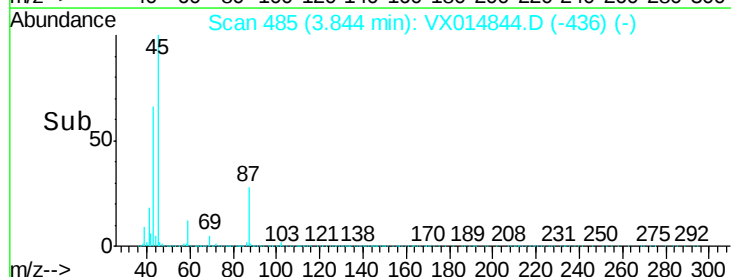
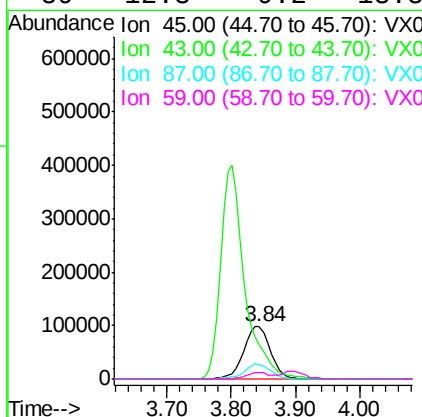
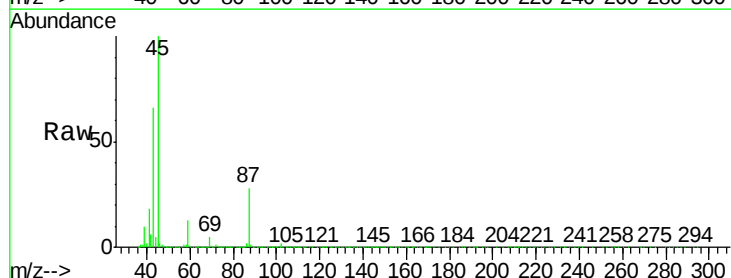
RT: 3.84 min Scan# 485

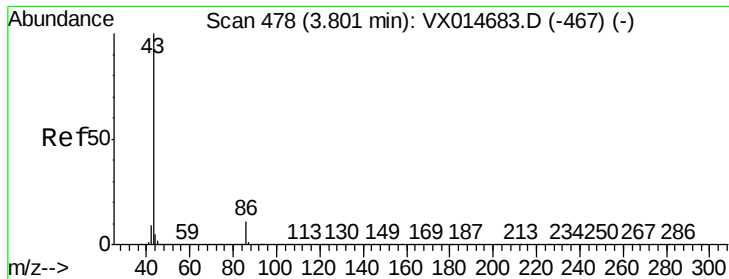
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	45	Resp:	274024
Ion	Ratio	Lower	Upper
45	100		
43	65.6	55.1	82.7
87	27.6	20.7	31.1
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 94.308 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleID :

VX0206MBS01

Tot Ion: 43 Resp: 1058333

Ion Ratio Lower Upper

43 100

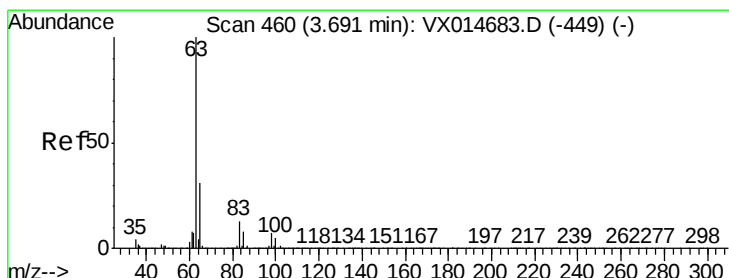
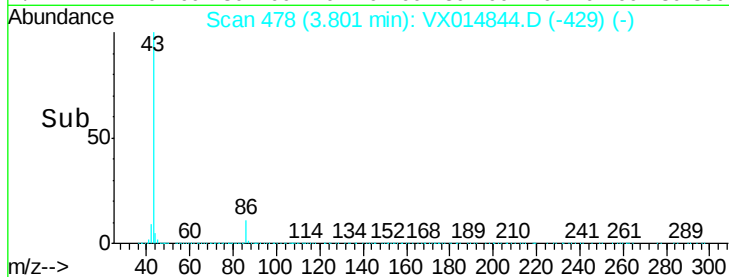
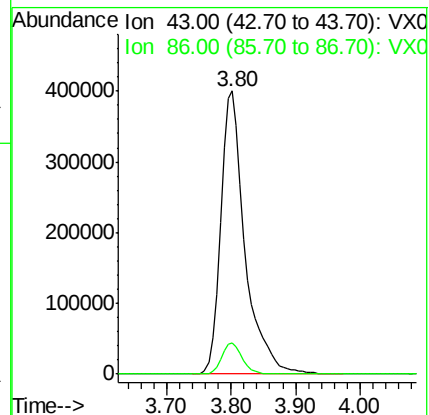
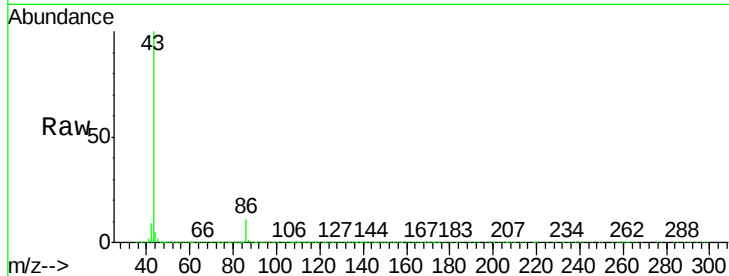
86 10.8 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.900 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

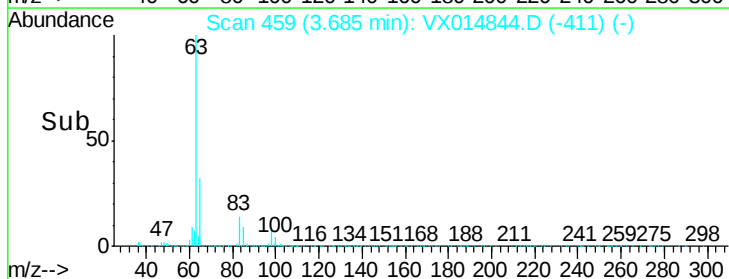
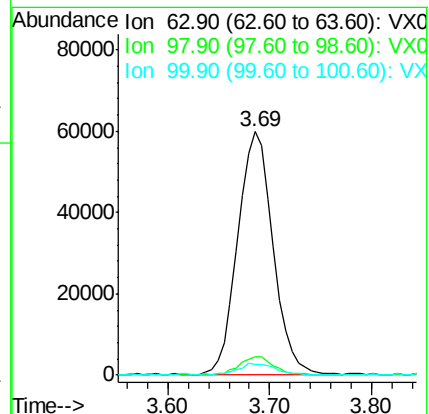
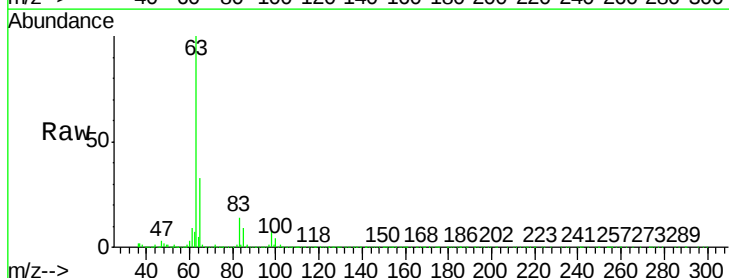
Tgt Ion: 63 Resp: 143109

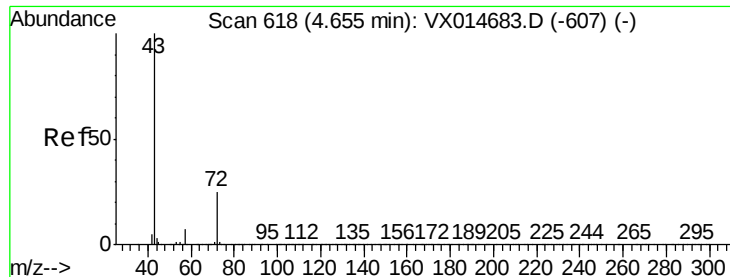
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 88.619 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 43 Resp: 336516

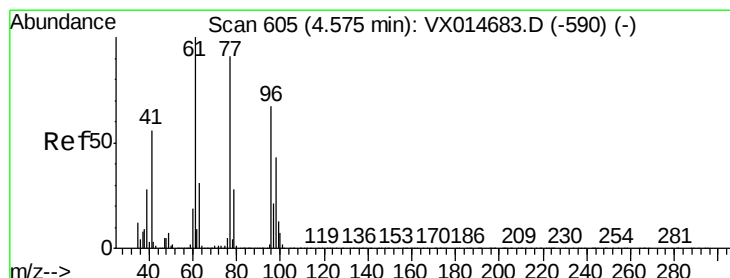
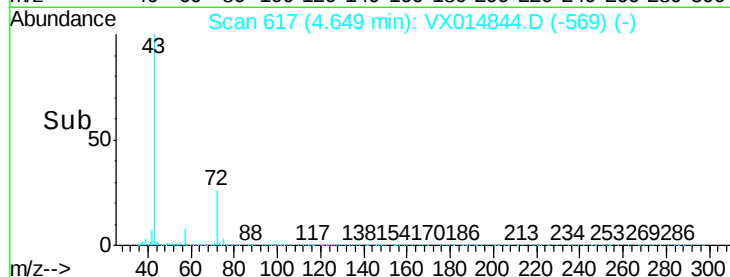
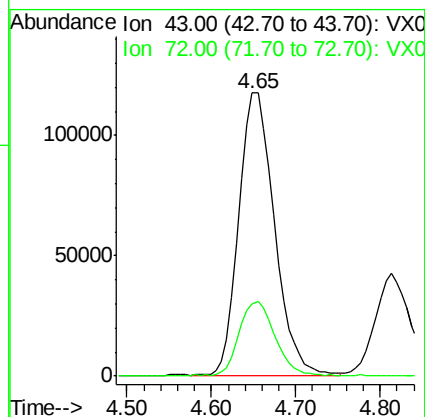
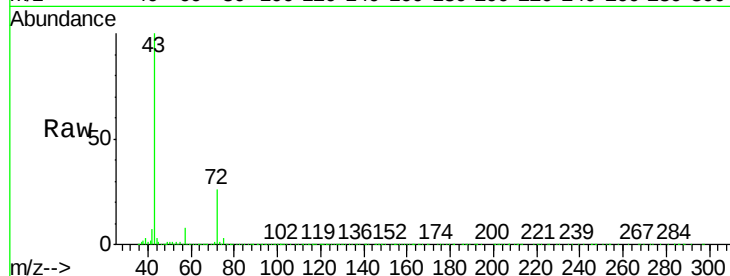
Ion Ratio Lower Upper

43 100

72 25.5 19.9 29.9

Manual Integrations
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2/7/2020 11:44:56 AM



#26

2,2-Dichloropropane

Concen: 18.374 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014844.D

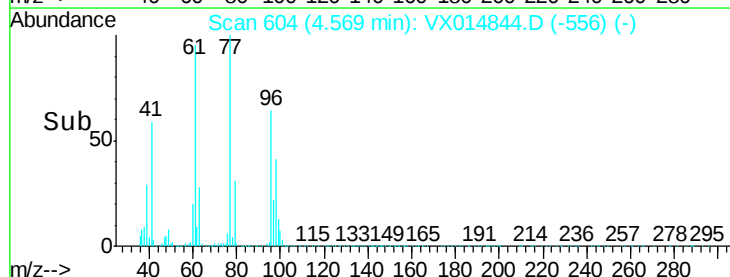
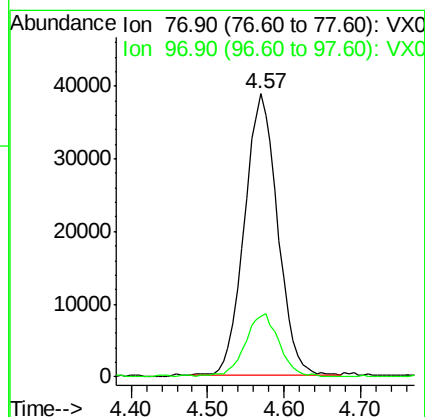
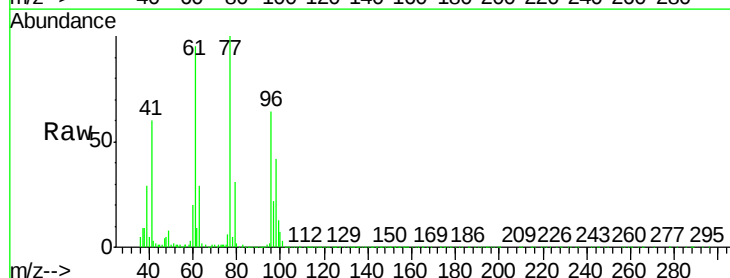
Acq: 06 Feb 2020 13:51

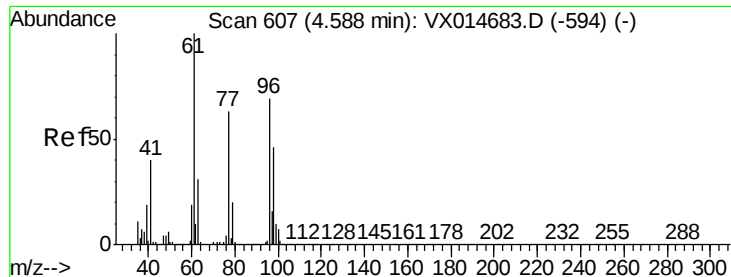
Tgt Ion: 77 Resp: 117579

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3





#27

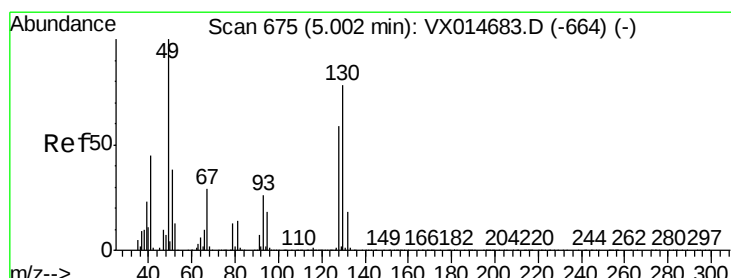
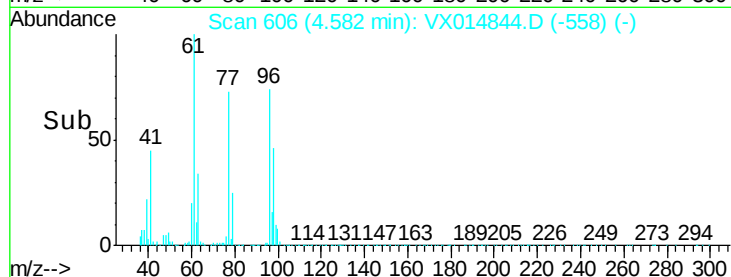
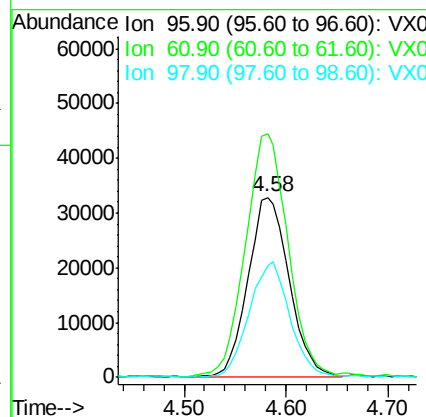
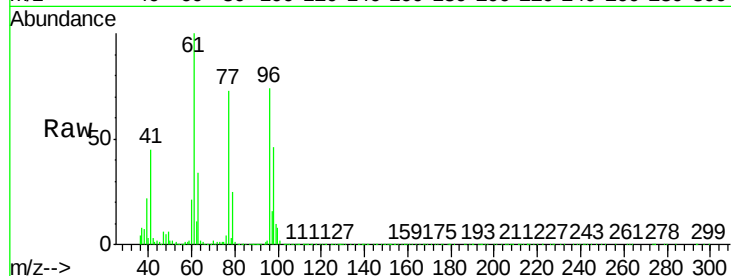
cis-1,2-Dichloroethene
Concen: 18.058 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	291.0
98	63.2	0.0	129.8

Manual Integrations
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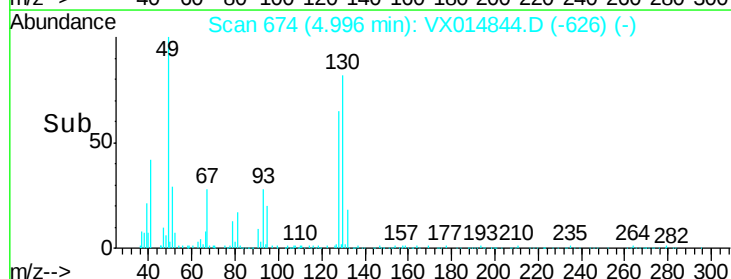
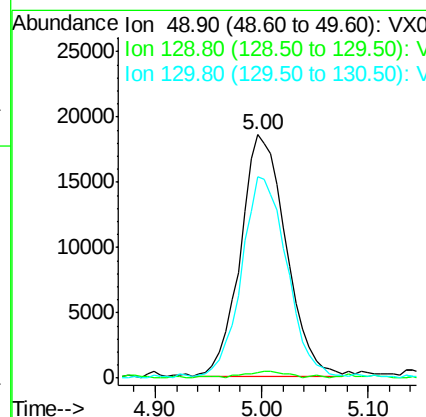
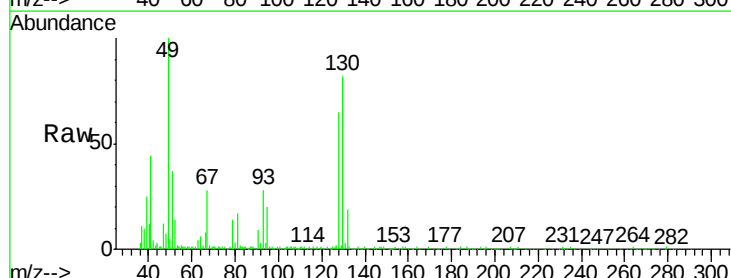
MMDadoda
2/7/2020 11:44:56 AM

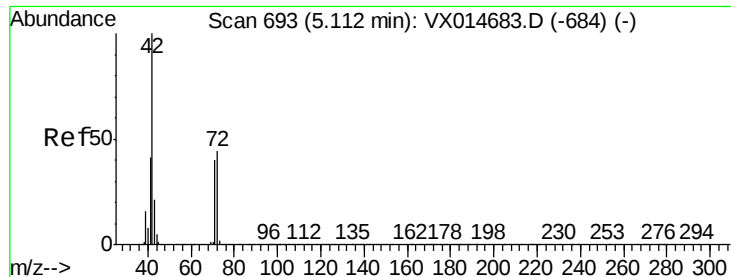


#28

Bromochloromethane
Concen: 15.810 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	81.6	62.4	93.6





#29

Tetrahydrofuran

Concen: 90.397 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

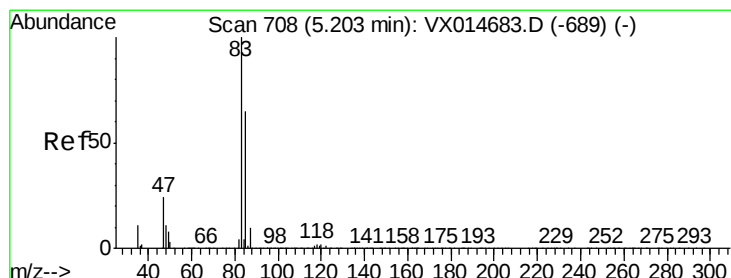
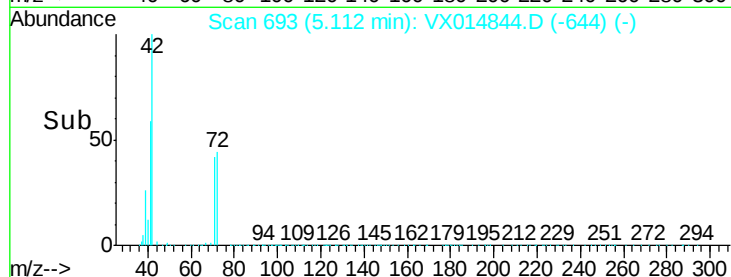
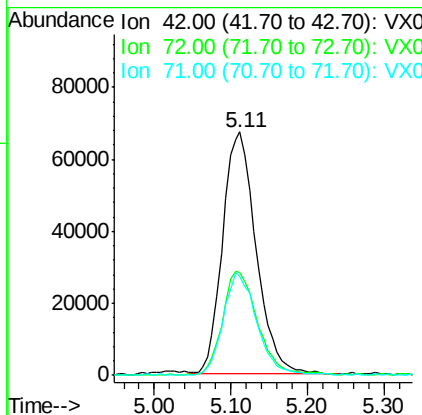
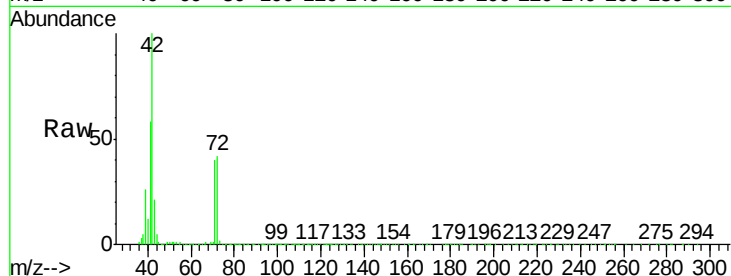
ClientSampleId :

VX0206MBS01

Tot Ion:	42	Resp:	203735
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.3	52.9
71	41.9	33.1	49.7

Manual Integrations
APPROVED

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2/7/2020 11:44:56 AM



#30

Chloroform

Concen: 18.496 ug/l

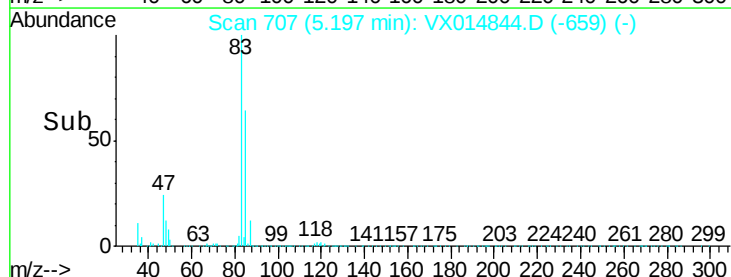
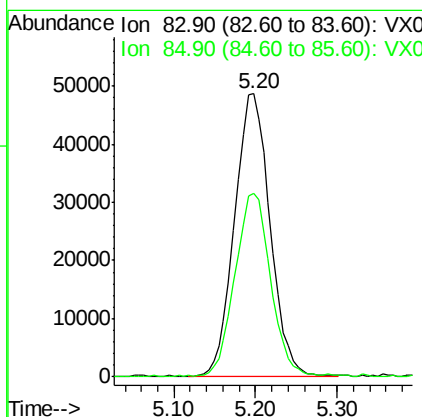
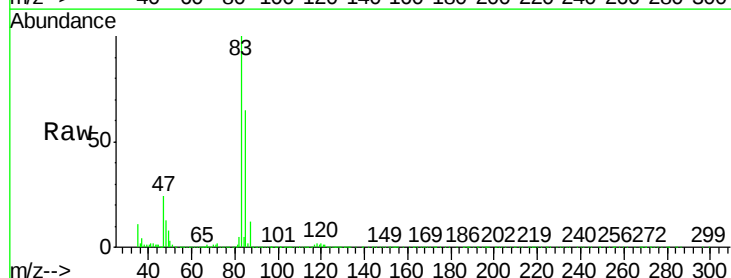
RT: 5.20 min Scan# 707

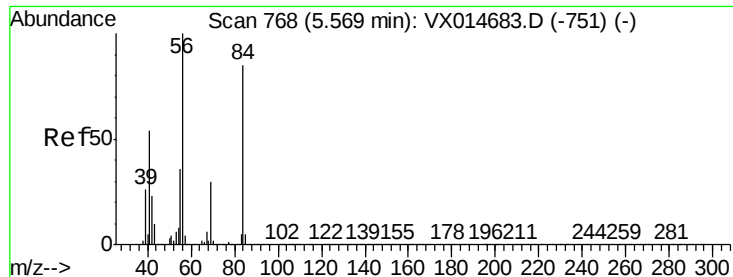
Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	83	Resp:	146488
Ion Ratio		Lower	Upper
83	100		
85	64.7	51.7	77.5





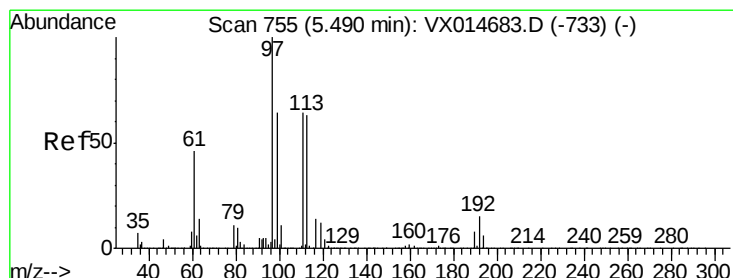
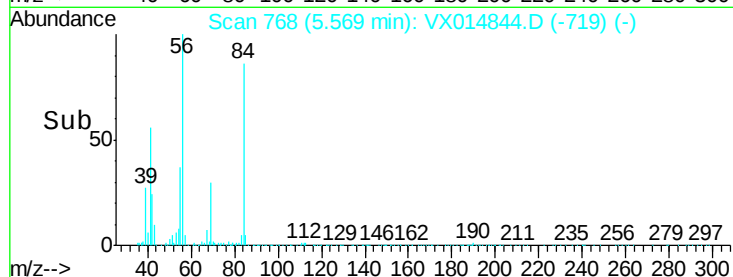
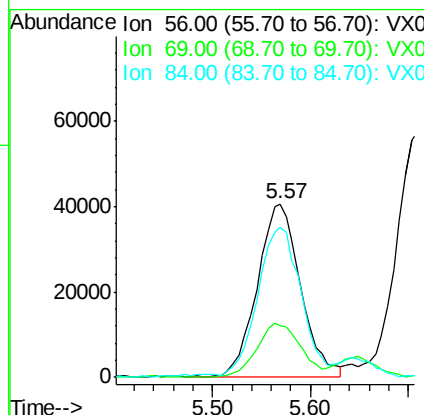
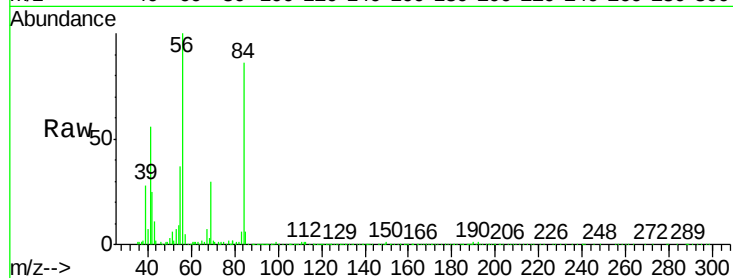
#31
Cyclohexane
Concen: 16.701 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.2
84	85.3	68.4	102.6

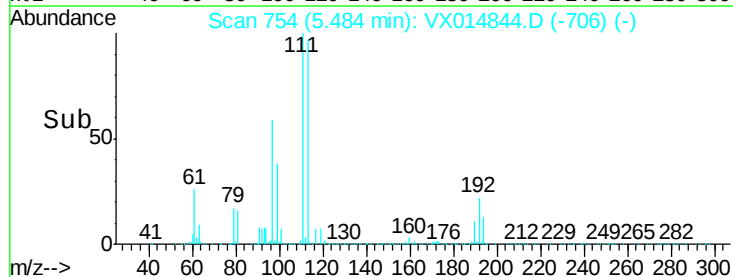
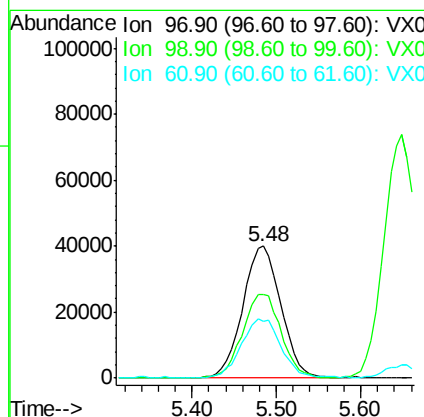
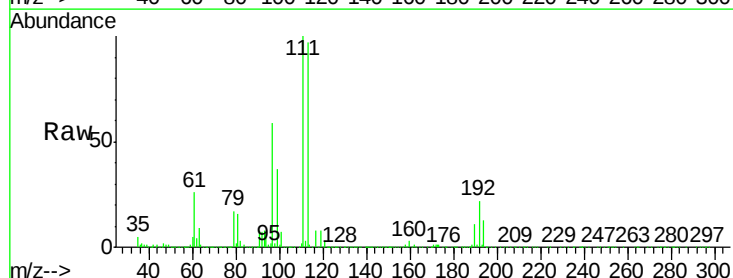
Manual Integrations
APPROVED

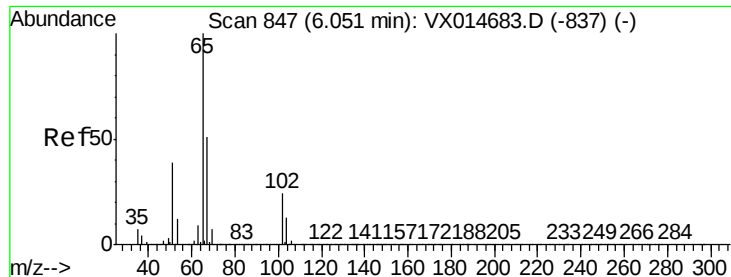
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2/7/2020 11:44:56 AM



#32
1,1,1-Trichloroethane
Concen: 18.204 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	45.9	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 47.860 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 65 Resp: 231443

Ion Ratio Lower Upper

65 100

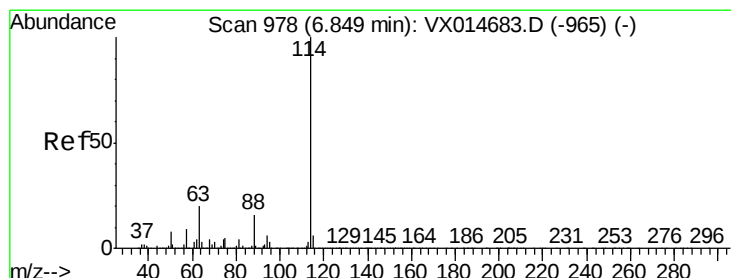
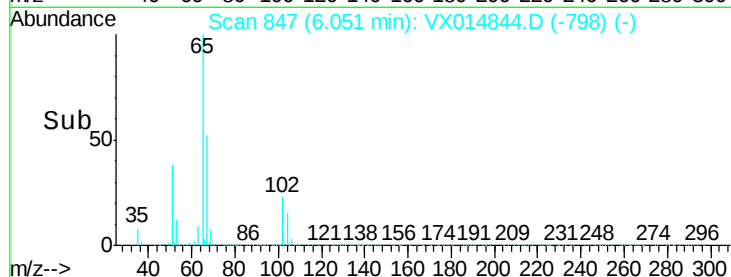
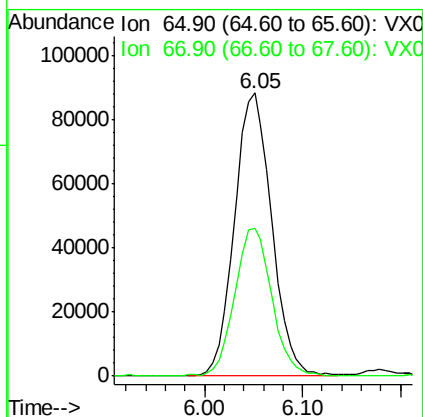
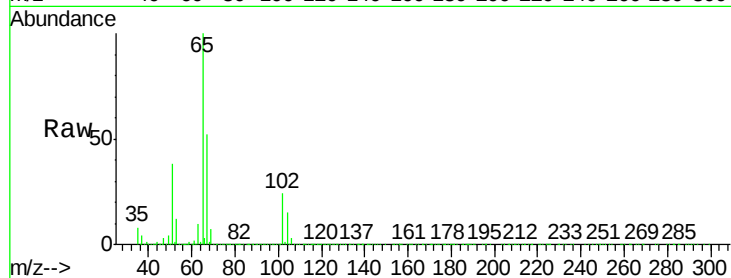
67 52.1 0.0 107.4

Manual Integrations

APPROVED

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2/7/2020 11:44:56 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

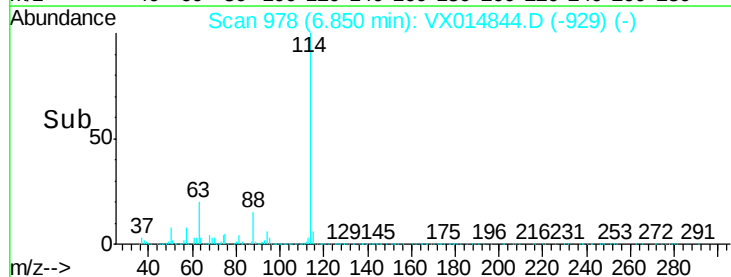
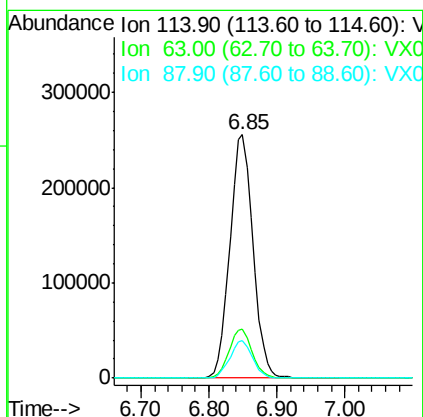
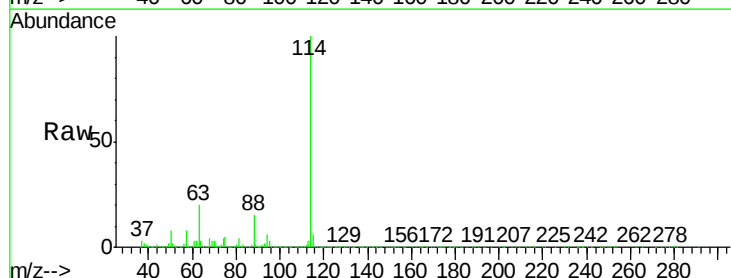
Tgt Ion: 114 Resp: 602250

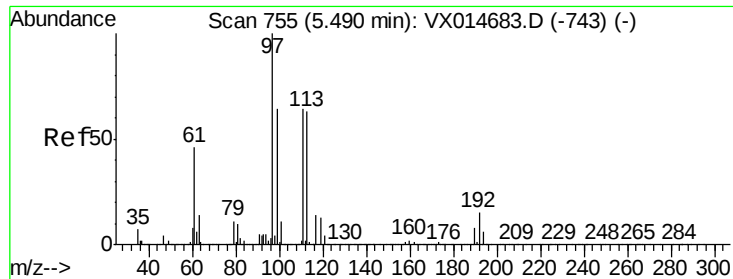
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.2 0.0 31.2





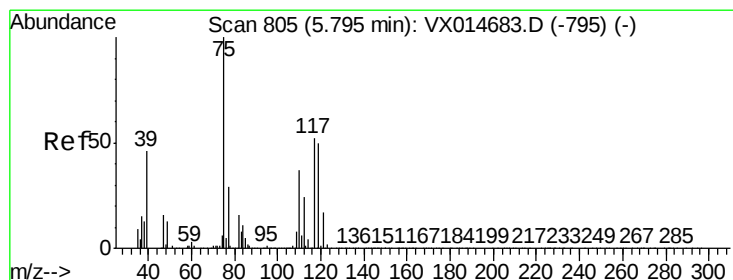
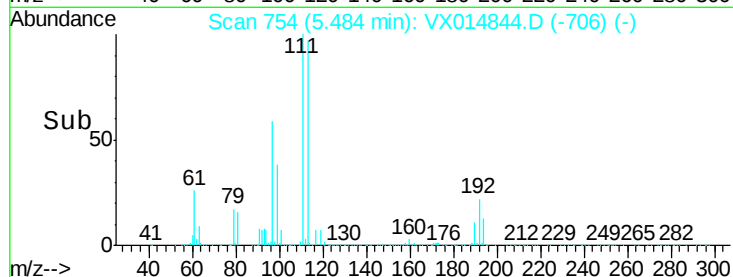
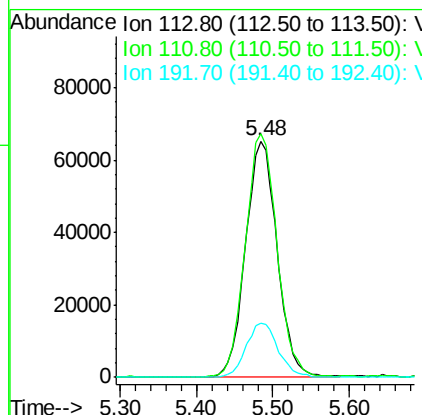
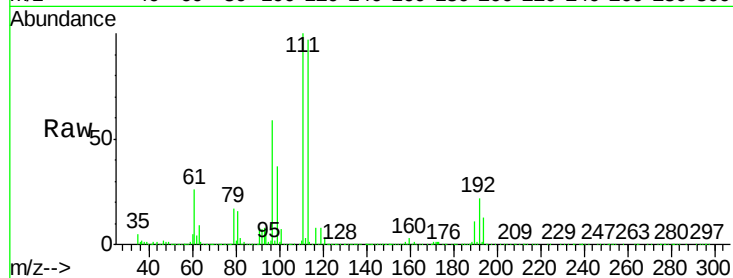
#35
Dibromofluoromethane
Concen: 49.125 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	23.2	18.5	27.7

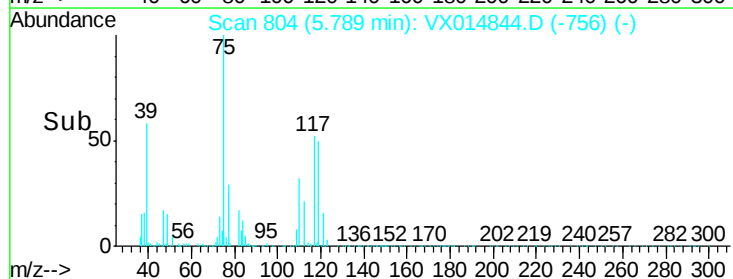
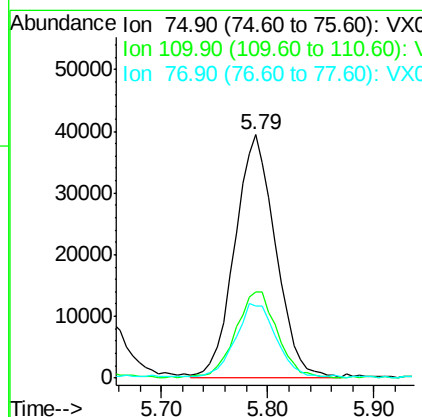
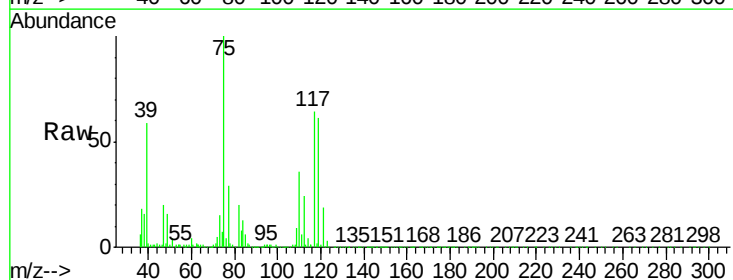
Manual Integrations
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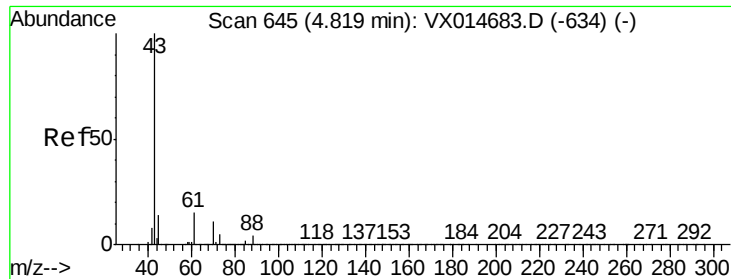
MMDadoda
2/7/2020 11:44:56 AM



#36
1,1-Dichloropropene
Concen: 18.758 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.7
77	31.1	24.1	36.1





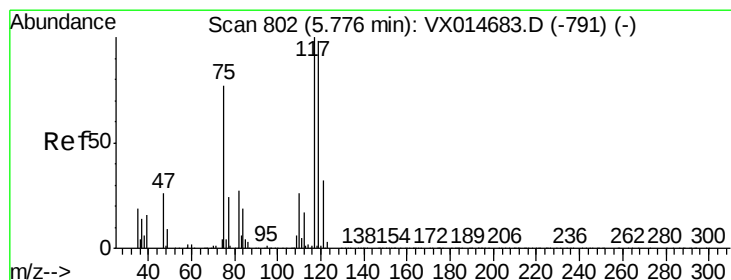
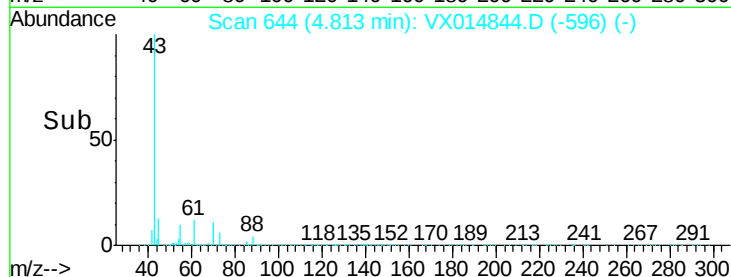
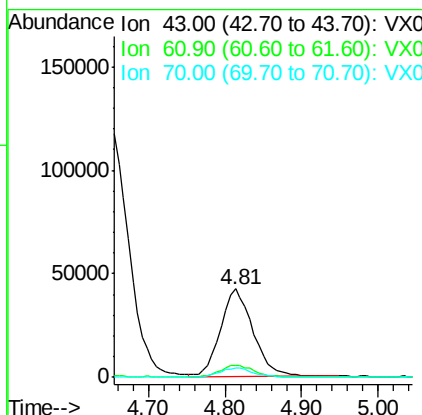
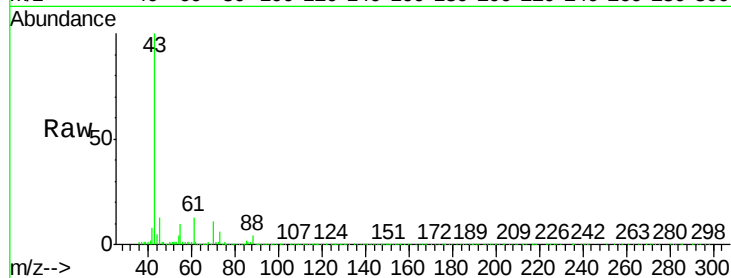
#37
Ethyl Acetate
Concen: 19.248 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.5	8.5	12.7

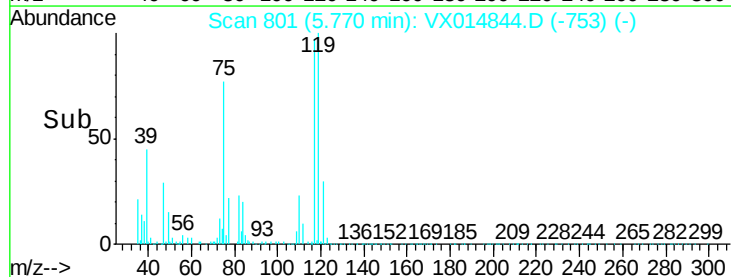
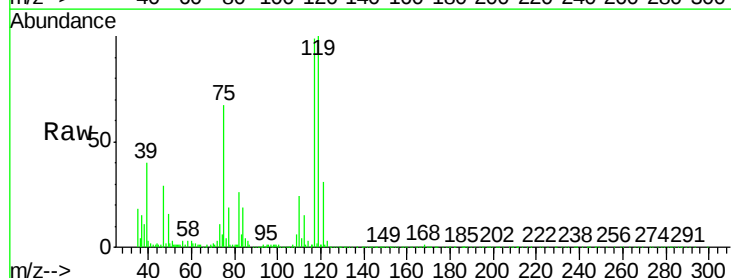
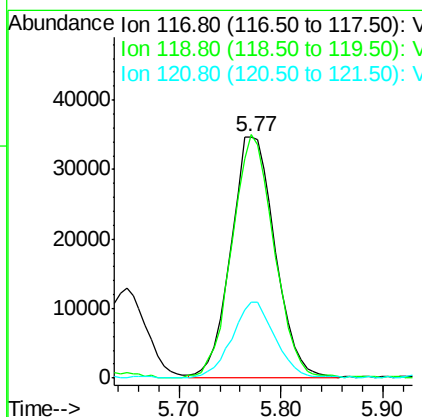
Manual Integrations
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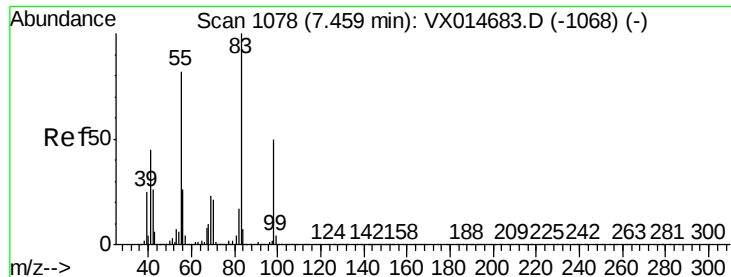
MMDadoda
2/7/2020 11:44:56 AM



#38
Carbon Tetrachloride
Concen: 19.379 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	77.9	116.9
121	31.2	25.4	38.2





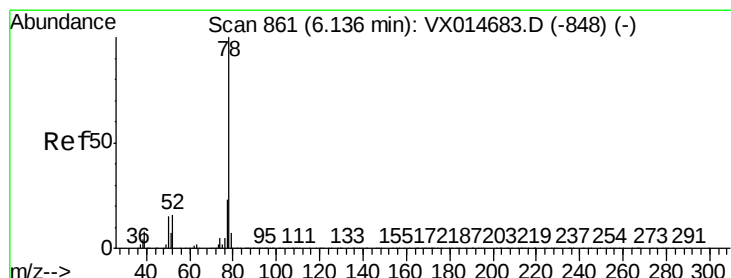
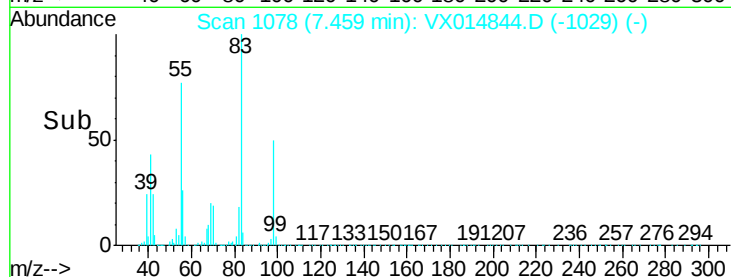
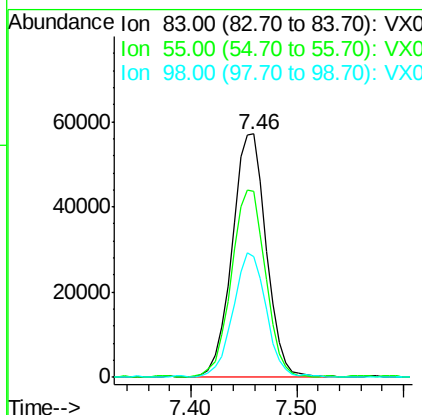
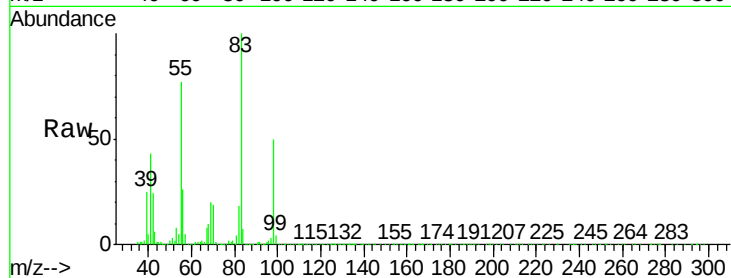
#39
Methvlcvclohexane
Concen: 18.359 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	65.6	98.4
98	49.5	40.2	60.4

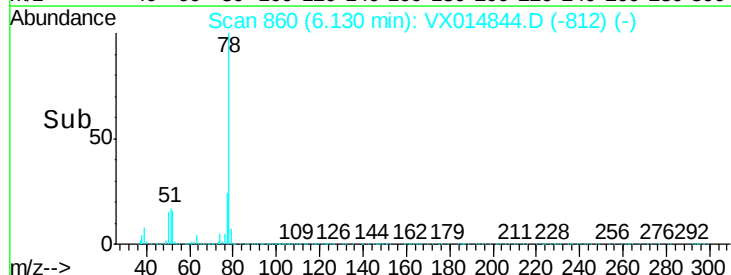
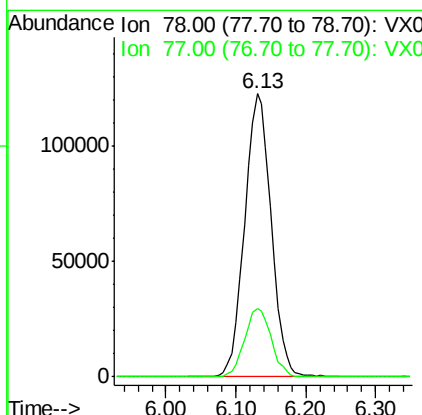
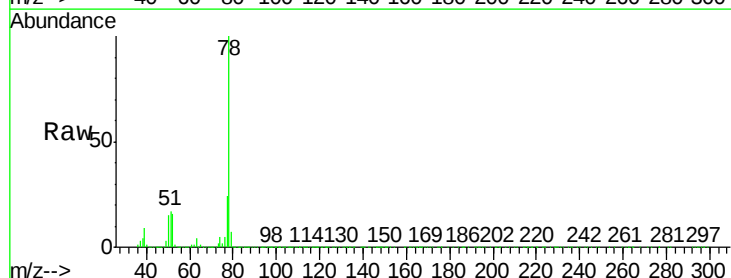
Manual Integrations
APPROVED

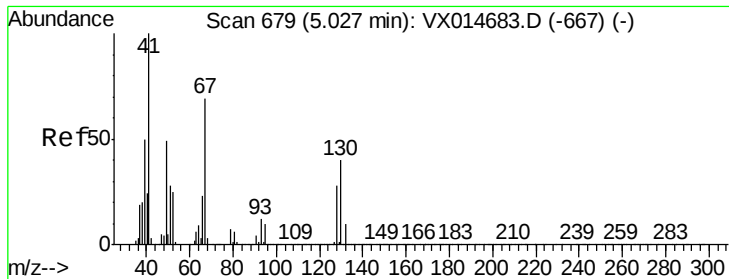
MMDadoda
2/7/2020 11:44:56 AM



#40
Benzene
Concen: 18.615 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





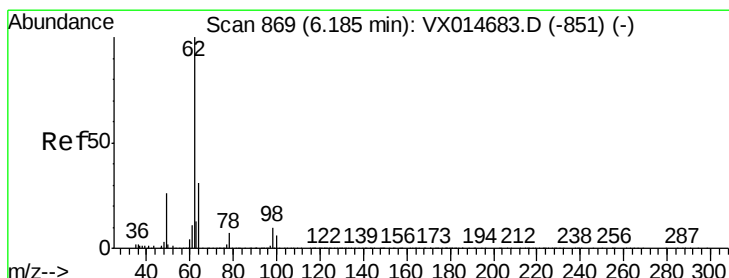
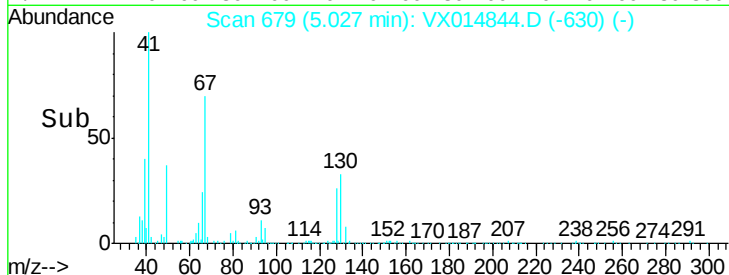
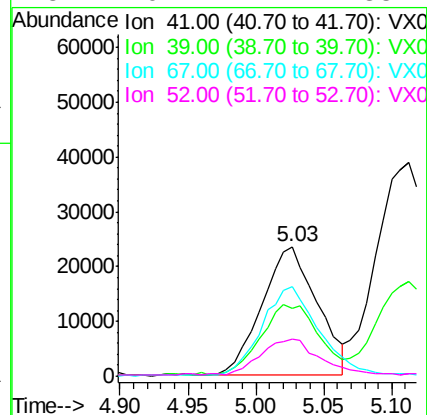
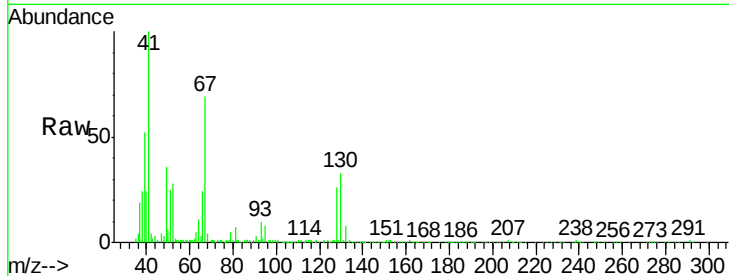
#41
Methacrylonitrile
Concen: 18.164 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	42.2	63.2	
67	71.5	55.4	83.0	
52	29.2	22.1	33.1	

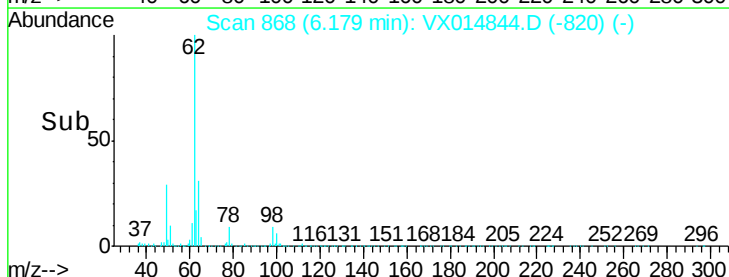
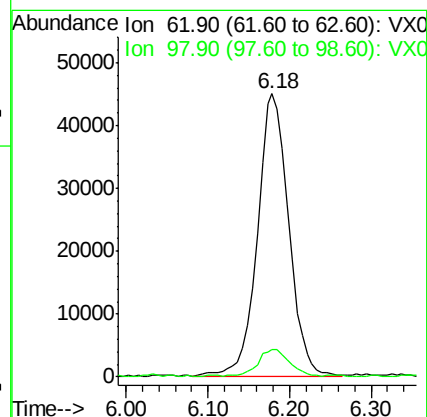
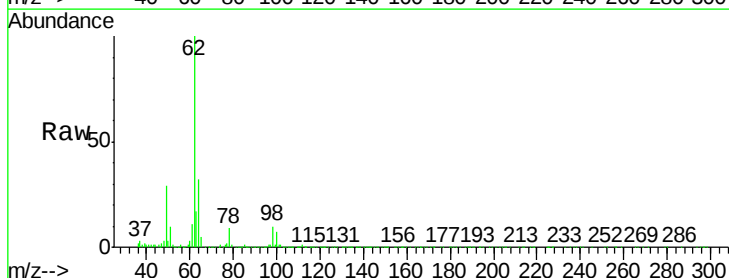
Manual Integrations
APPROVED

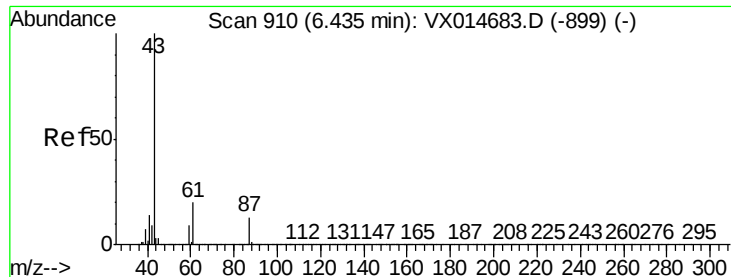
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.065 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.0	





#43

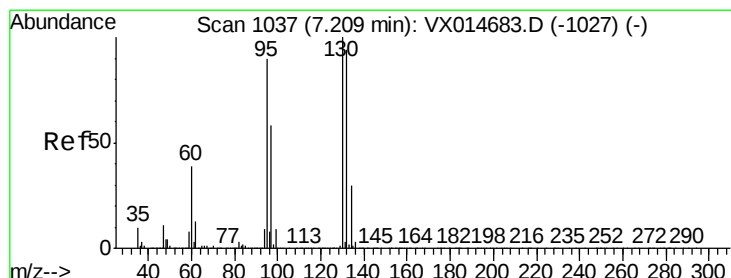
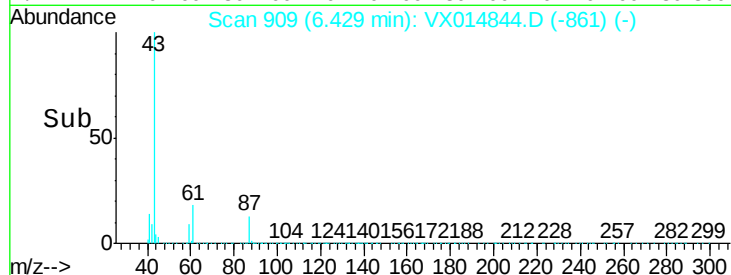
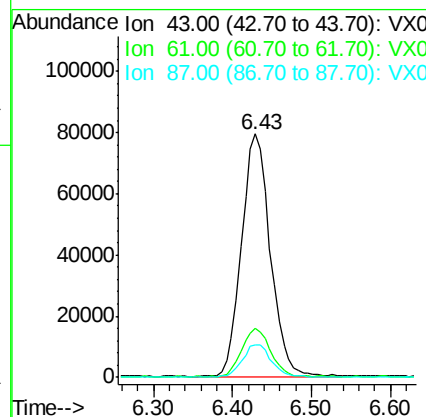
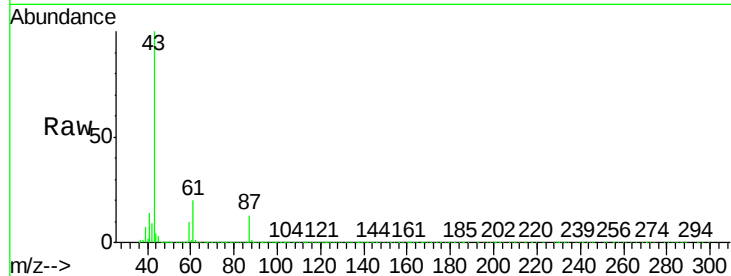
Isopropyl Acetate
 Concen: 19.226 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0206MBS01

Tot Ion	43	Resp	201786
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.2	24.4
87	13.4	10.5	15.7

Manual Integrations
 APPROVED

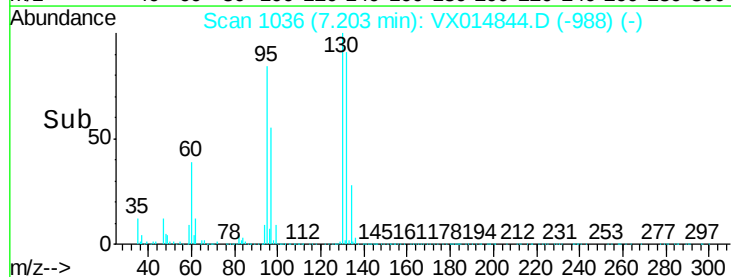
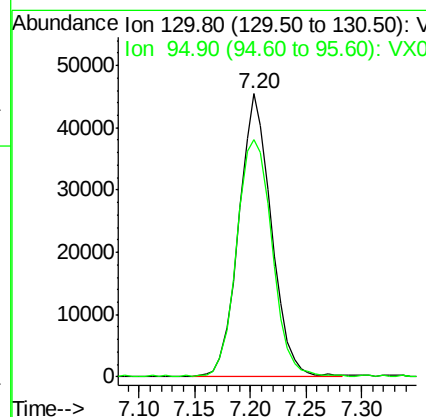
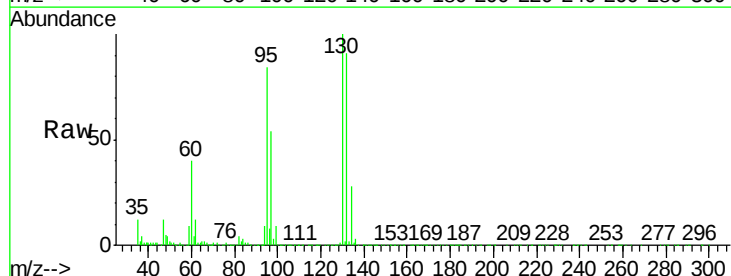
MMDadoda
 2/7/2020 11:44:56 AM

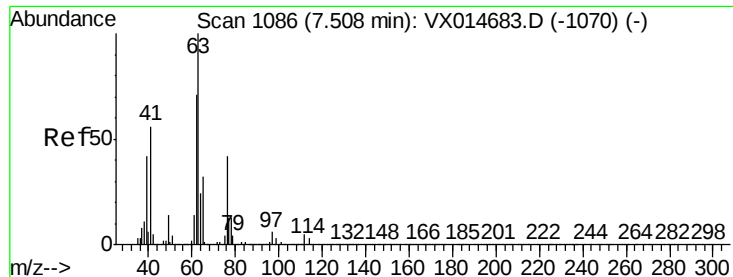


#44

Trichloroethene
 Concen: 18.717 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion	130	Resp	91415
Ion Ratio	Lower	Upper	
130	100		
95	83.7	0.0	179.8





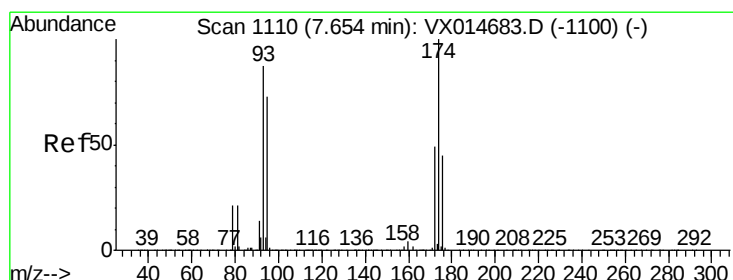
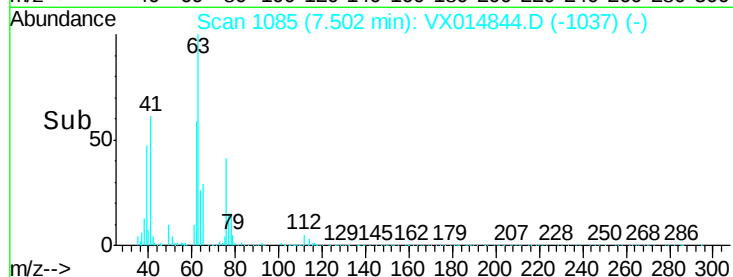
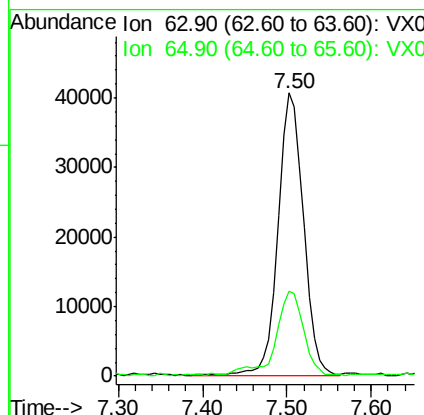
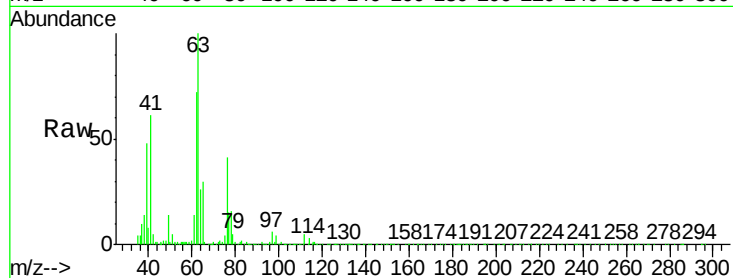
#45
 1,2-Dichloropropane
 Concen: 19.359 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.2	37.8

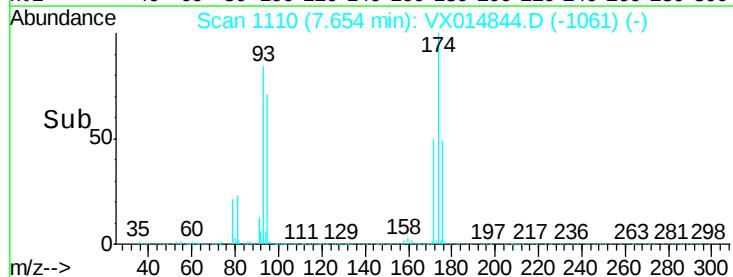
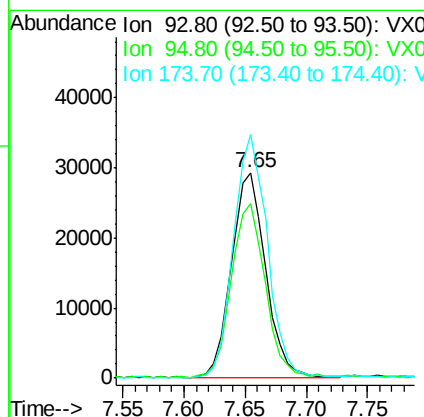
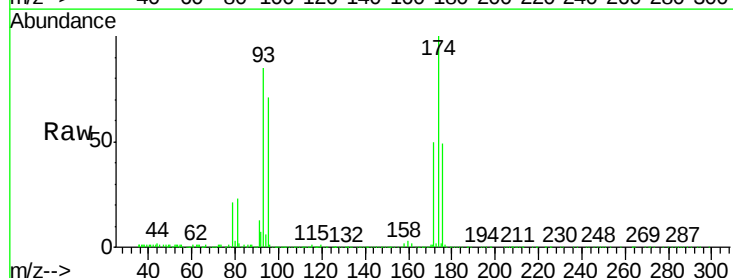
Manual Integrations
 APPROVED

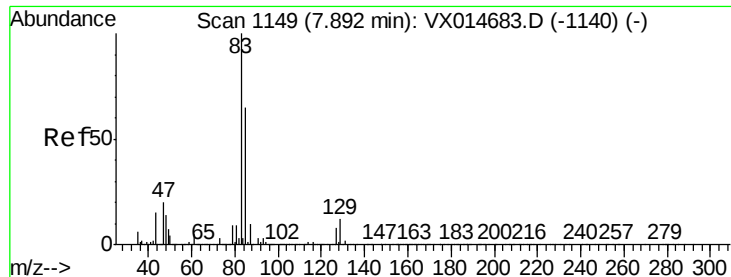
MMDadoda
 2/7/2020 11:44:56 AM



#46
 Dibromomethane
 Concen: 19.607 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.6	67.0	100.4
174	118.2	90.2	135.2





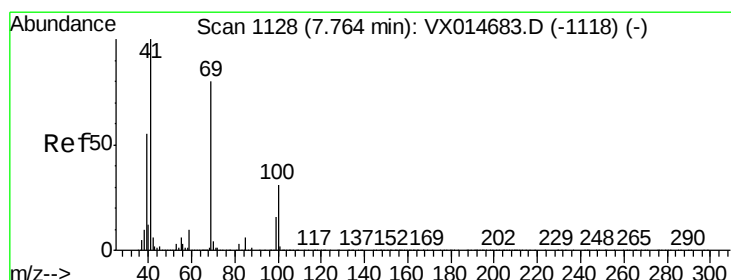
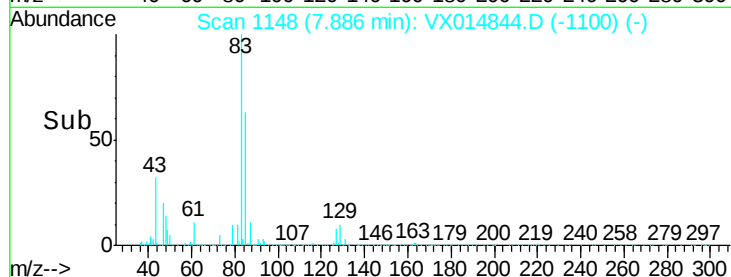
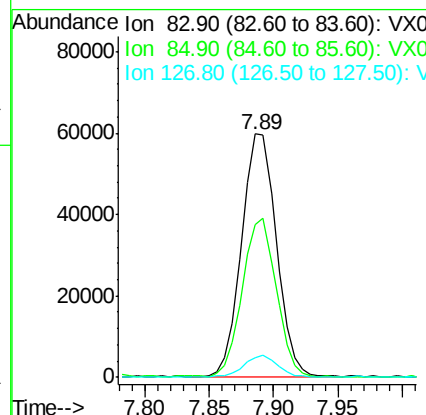
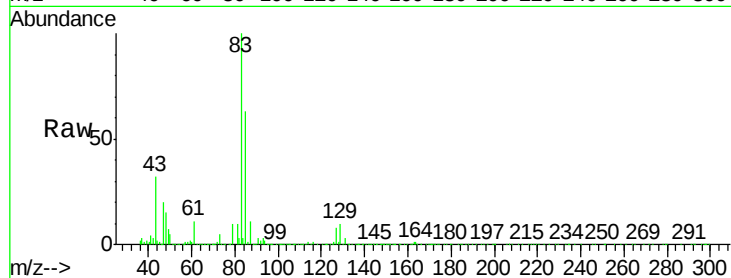
#47
Bromodichloromethane
Concen: 19.758 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.2	78.2
127	7.9	6.4	9.6

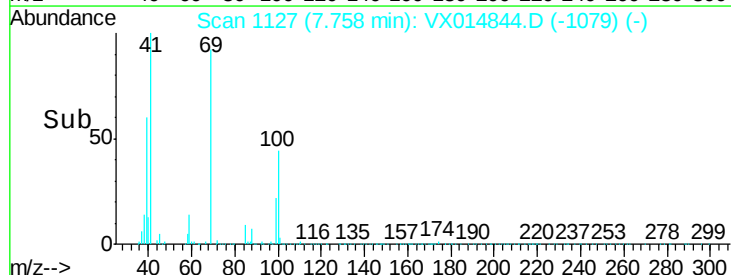
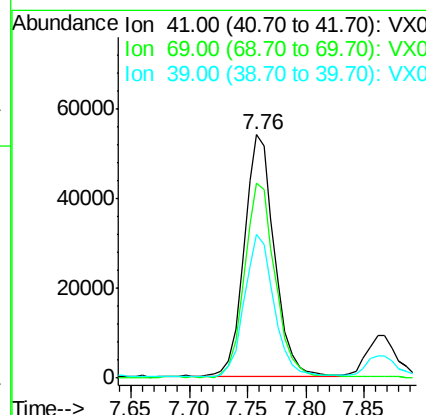
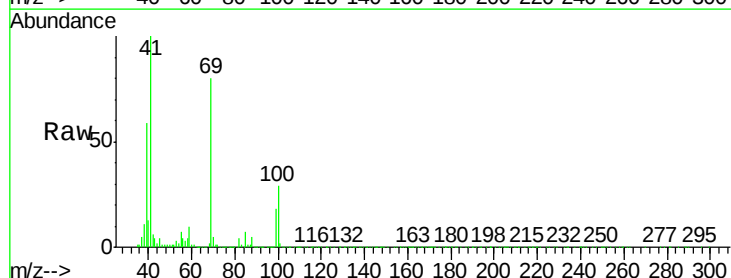
Manual Integrations
APPROVED

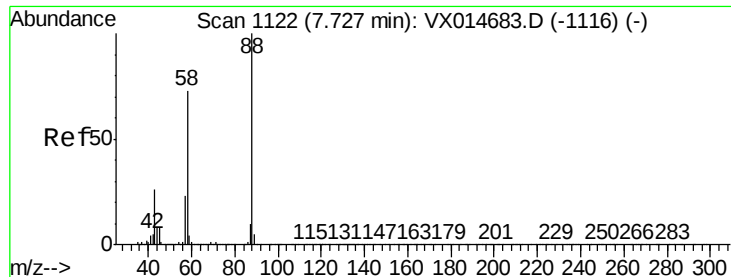
MMDadoda
2/7/2020 11:44:56 AM



#48
Methyl methacrylate
Concen: 19.454 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.6	63.5	95.3
39	58.0	43.7	65.5





#49

1,4-Dioxane

Concen: 391.762 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

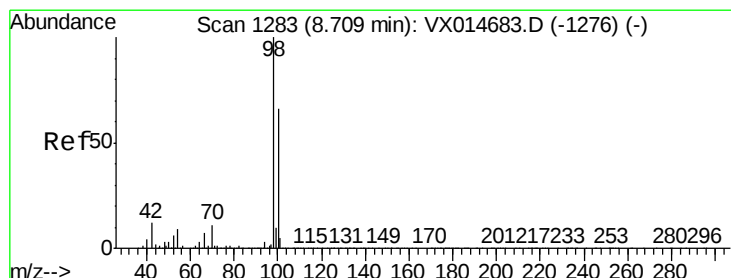
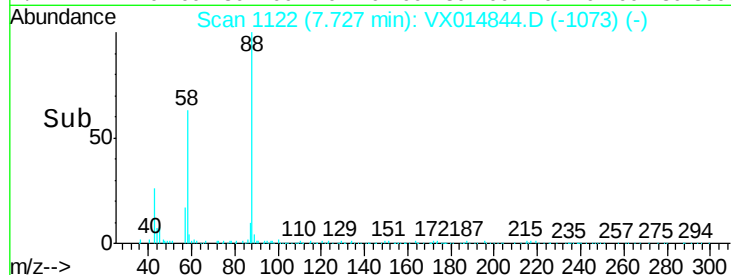
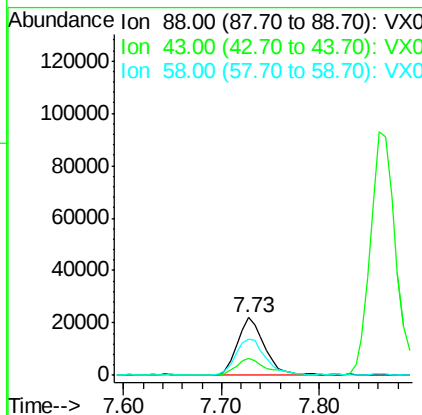
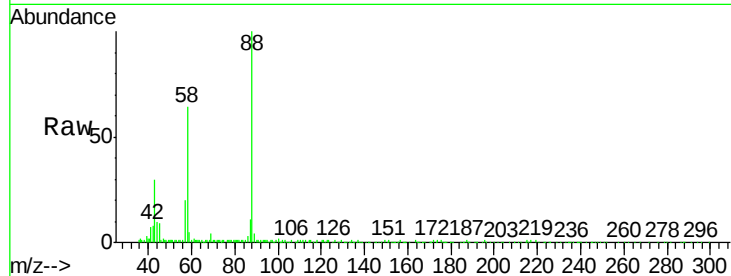
ClientSampleId :

VX0206MBS01

Tot Ion:	88	Resp:	41645
Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.2	39.2
58	70.2	56.6	85.0

Manual Integrations
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2/7/2020 11:44:56 AM



#50

Toluene-d8

Concen: 47.844 ug/l

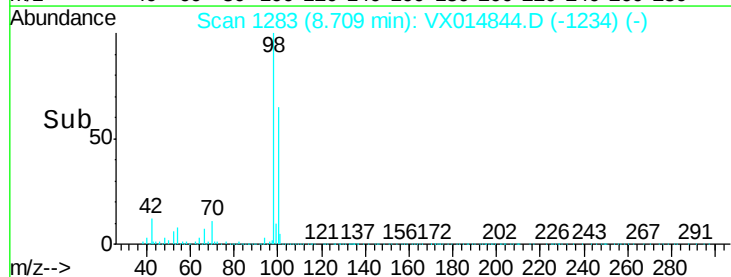
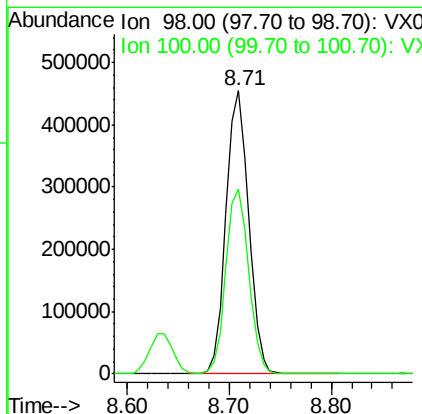
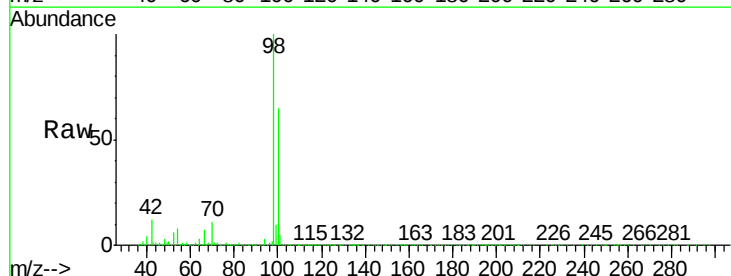
RT: 8.71 min Scan# 1283

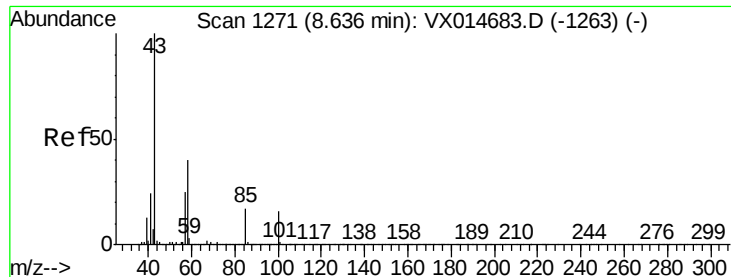
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	98	Resp:	698971
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 97.052 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBSD01

Tot Ion: 43 Resp: 642910

Ion Ratio Lower Upper

43 100

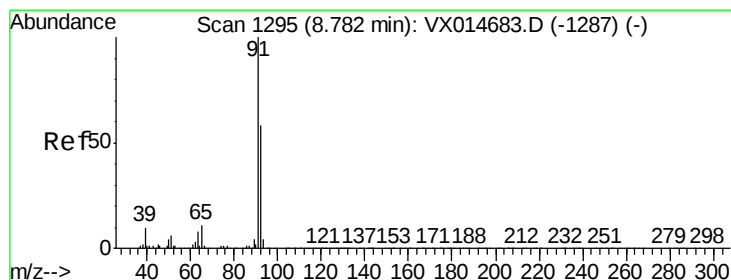
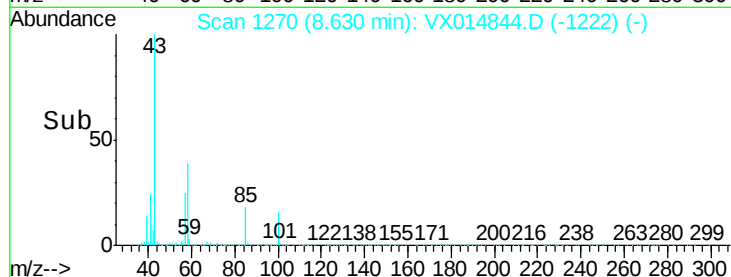
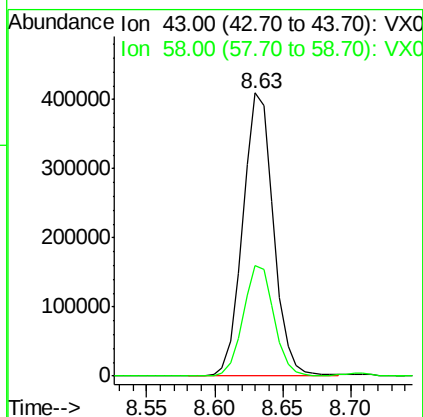
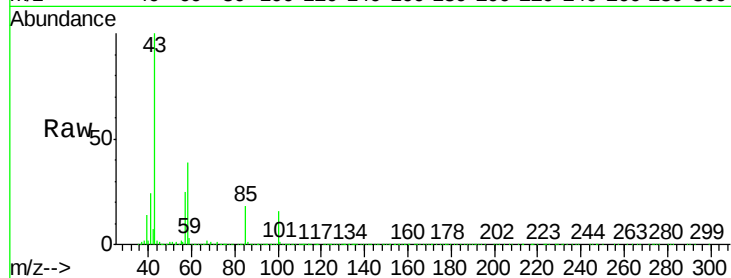
58 39.2 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 19.311 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014844.D

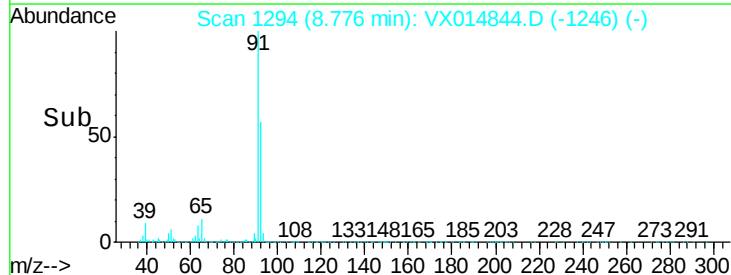
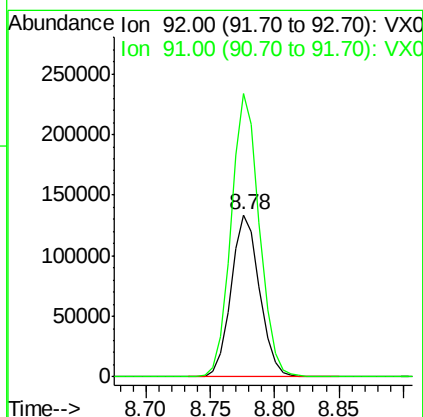
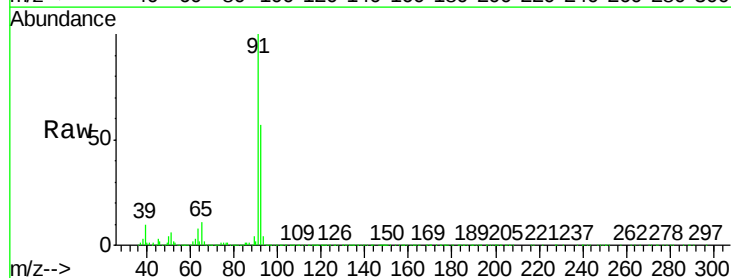
Acq: 06 Feb 2020 13:51

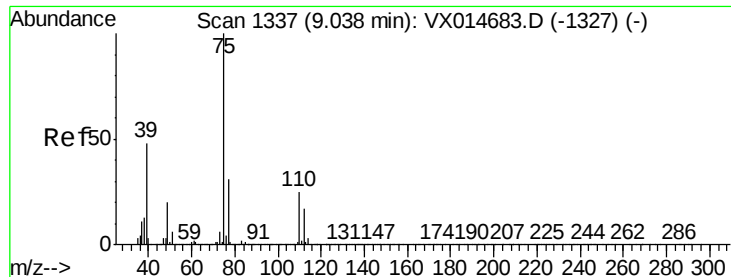
Tgt Ion: 92 Resp: 205250

Ion Ratio Lower Upper

92 100

91 173.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.718 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 75 Resp: 120135

Ion Ratio Lower Upper

75 100

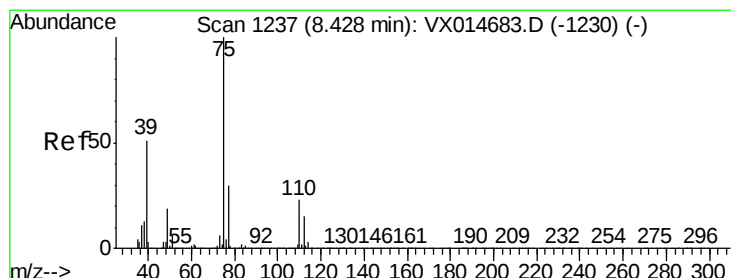
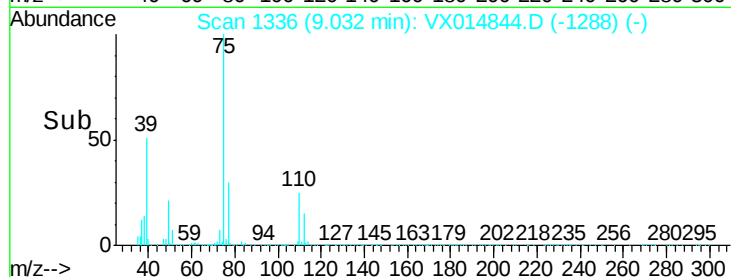
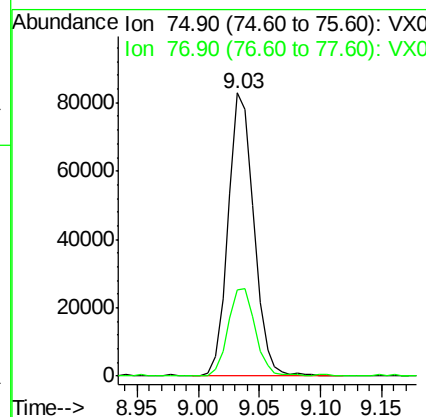
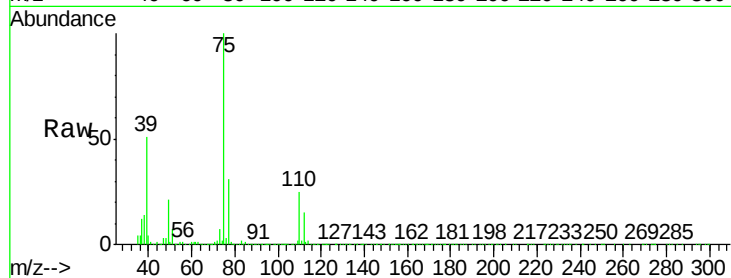
77 30.4 24.9 37.3

Manual Integrations

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2/7/2020 11:44:56 AM



#54

cis-1,3-Dichloropropene

Concen: 20.225 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

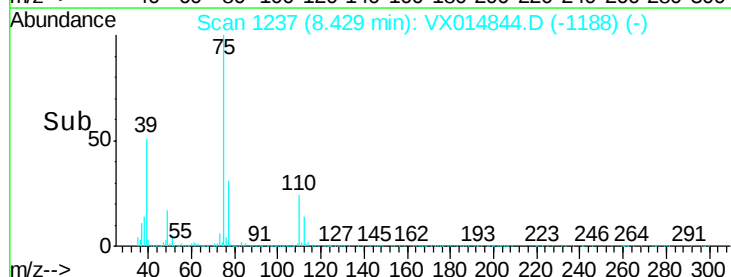
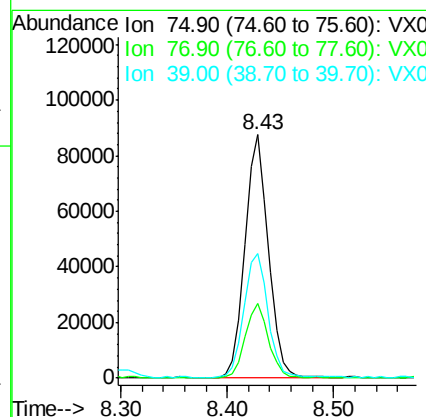
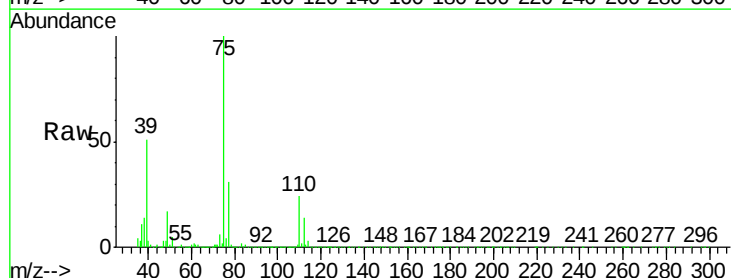
Tgt Ion: 75 Resp: 135560

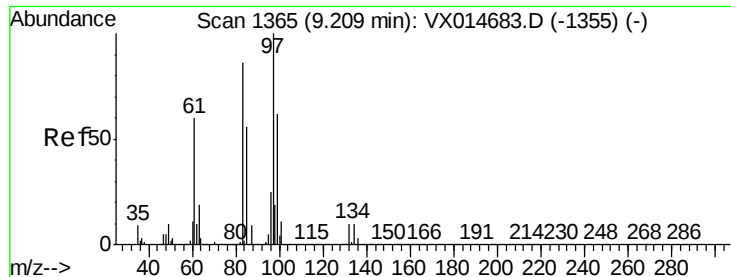
Ion Ratio Lower Upper

75 100

77 30.6 23.9 35.9

39 50.8 40.9 61.3





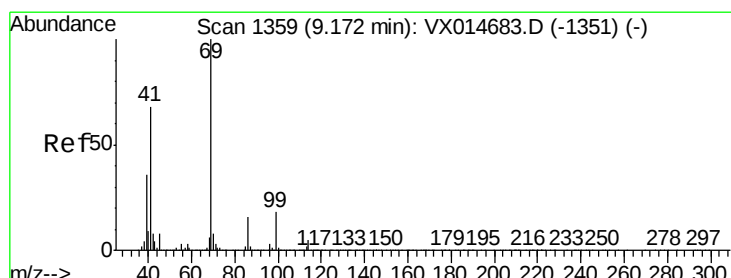
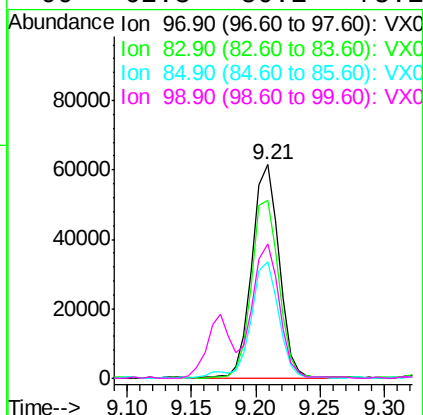
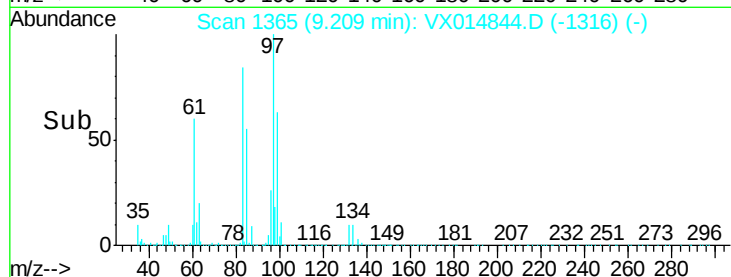
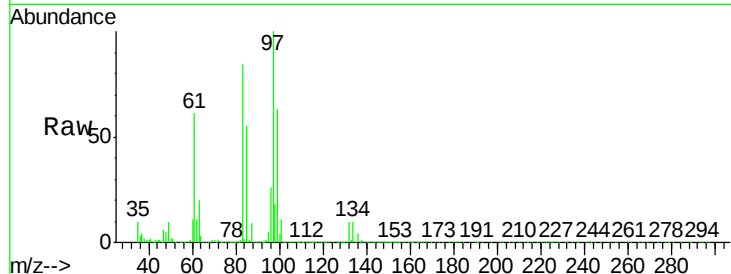
#55
 1,1,2-Trichloroethane
 Concen: 20.411 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion:	97	Resp:	88821
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.2	103.8
85	54.5	44.6	67.0
99	62.3	50.1	75.1

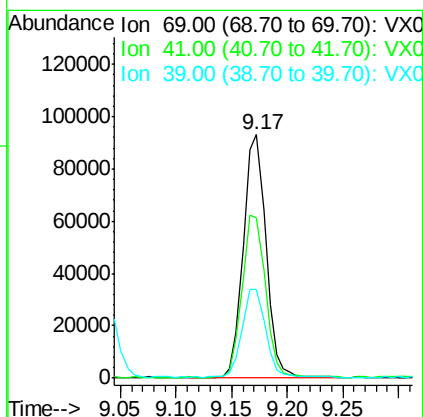
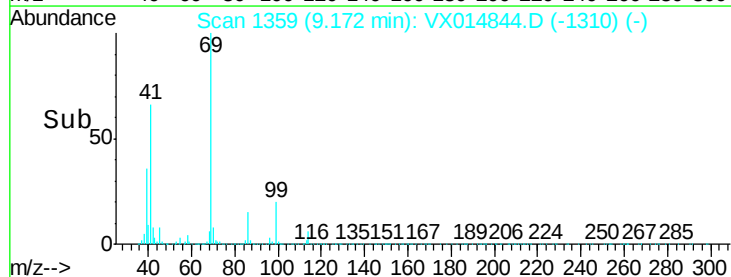
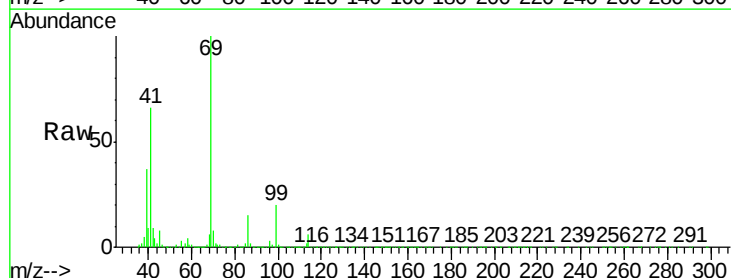
Manual Integrations
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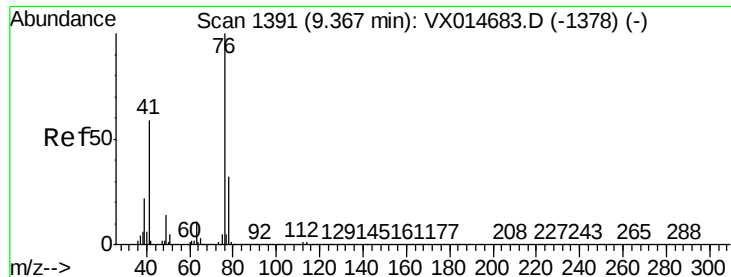
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.216 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion:	69	Resp:	133360
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.9	82.3
39	37.8	29.3	43.9





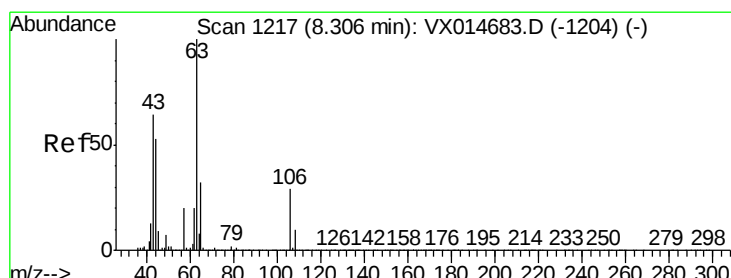
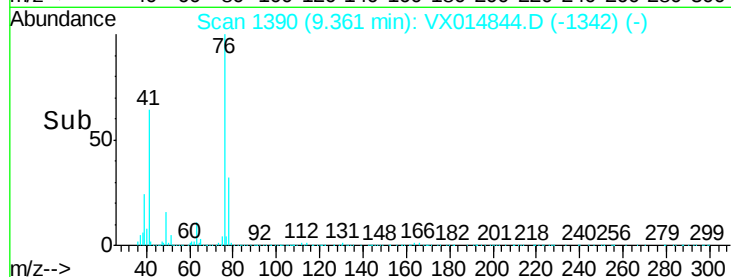
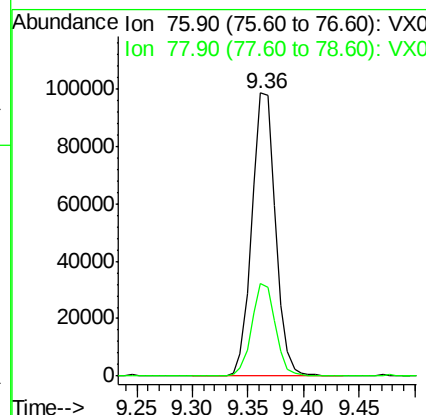
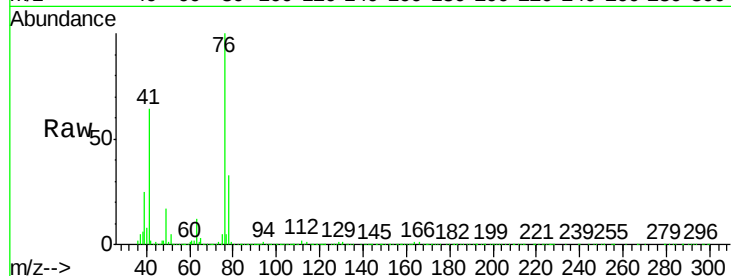
#57
 1,3-Dichloropropane
 Concen: 19.592 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.0	39.0

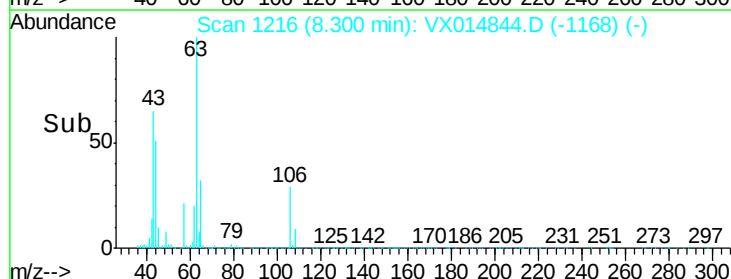
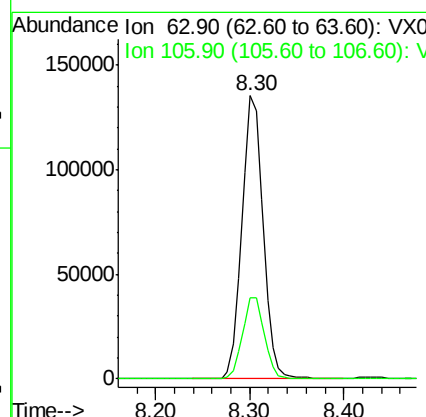
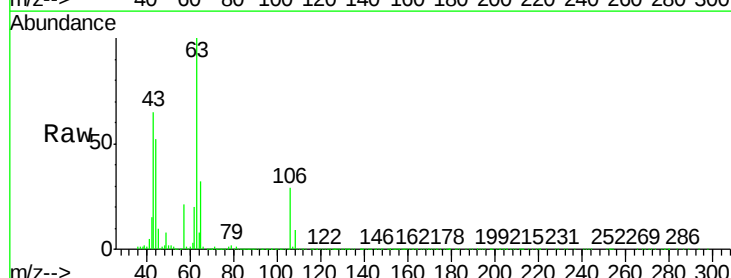
Manual Integrations
 APPROVED

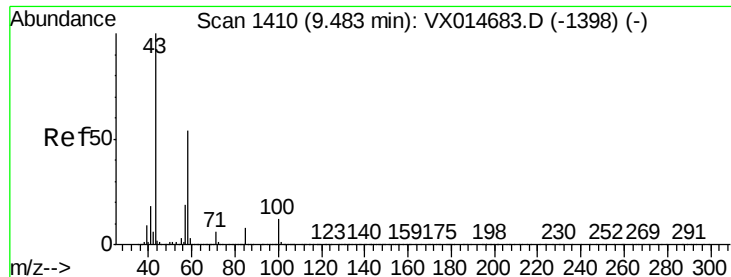
MMDadoda
 2/7/2020 11:44:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.575 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	22.7	34.1





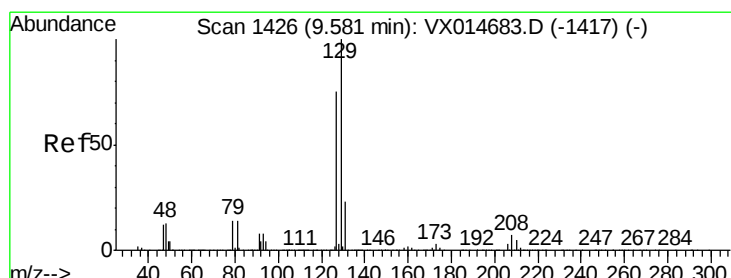
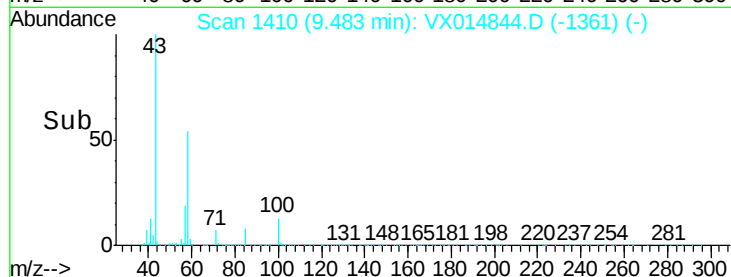
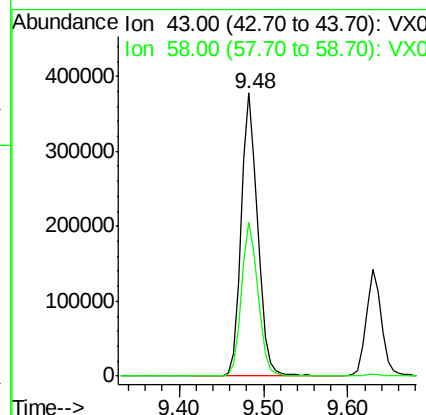
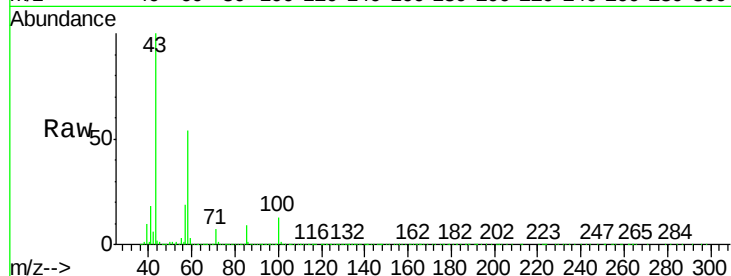
#59
2-Hexanone
Concen: 96.157 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBSD01

Tot Ion: 43 Resp: 494288
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5

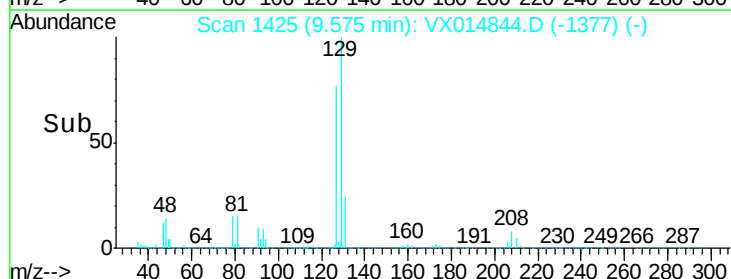
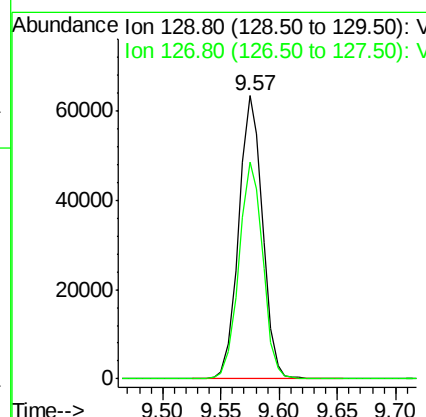
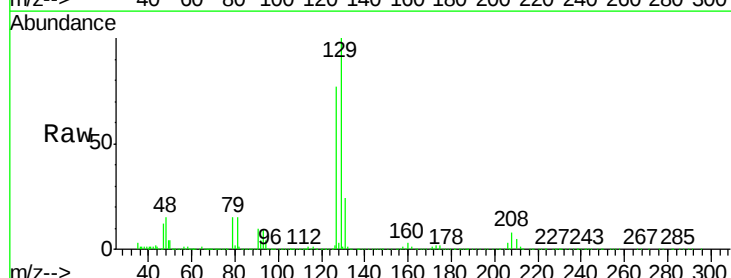
Manual Integrations
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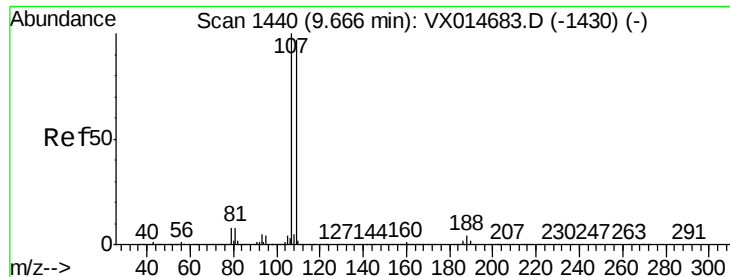
MMDadoda
2/7/2020 11:44:56 AM



#60
Dibromochloromethane
Concen: 19.918 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion: 129 Resp: 90473
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.762 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 107 Resp: 90925

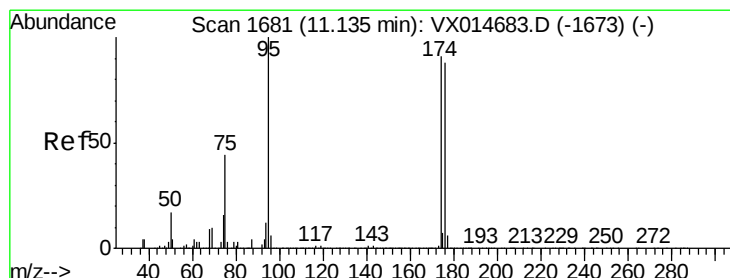
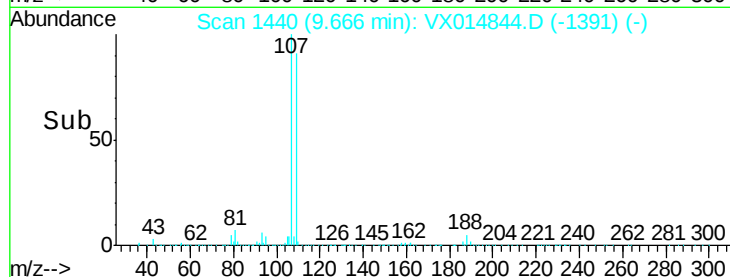
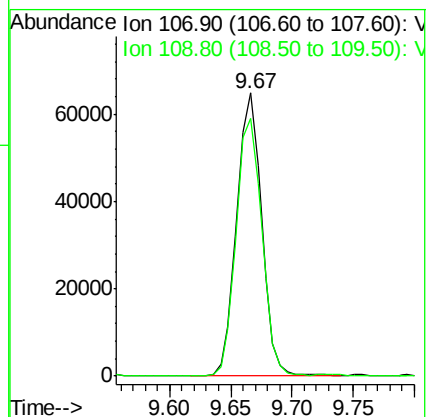
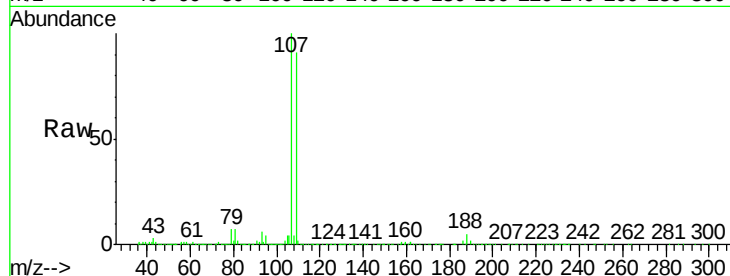
Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:56 AM



#62

4-Bromofluorobenzene

Concen: 47.950 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

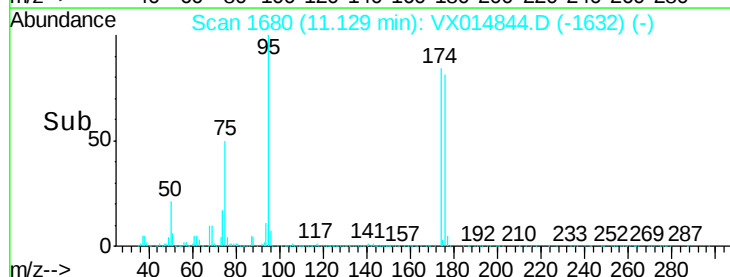
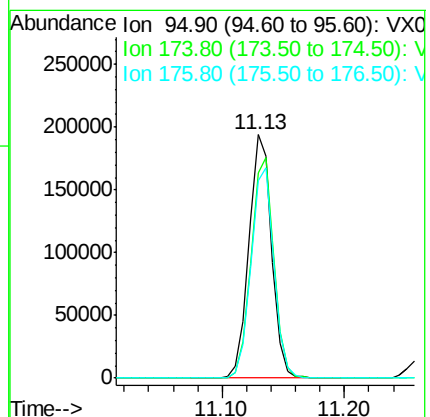
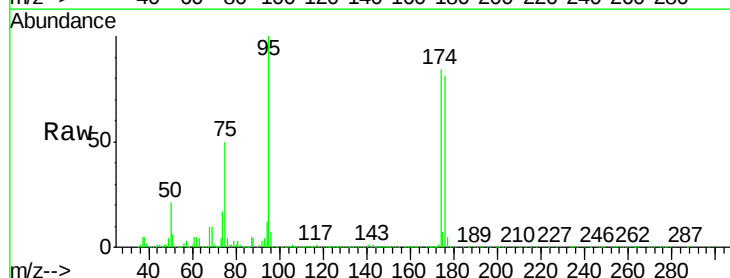
Tgt Ion: 95 Resp: 249540

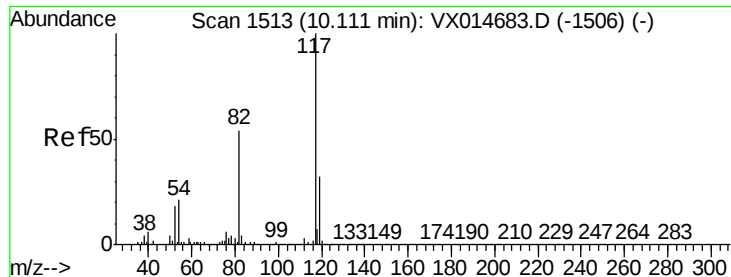
Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.0

176 88.1 0.0 172.2





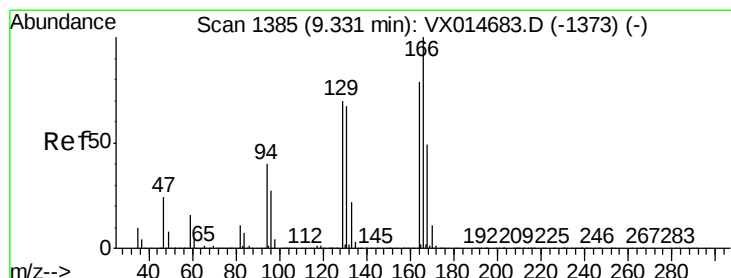
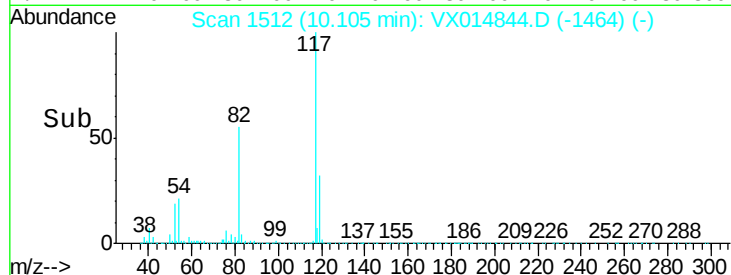
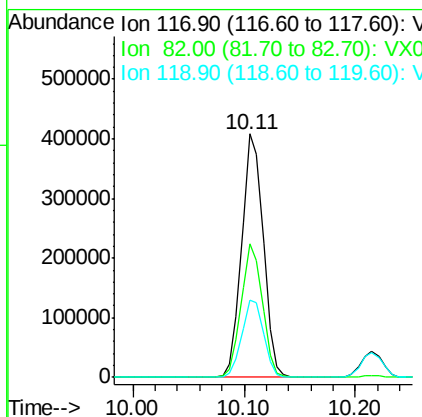
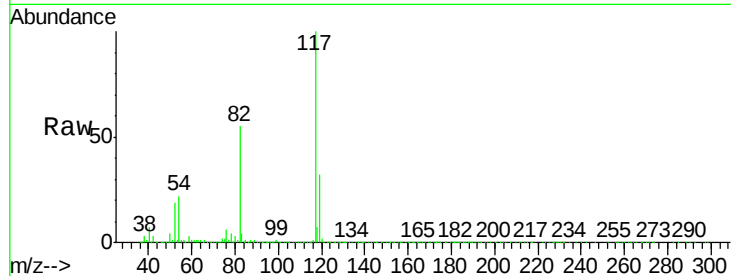
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.2	64.8
119	31.8	25.8	38.6

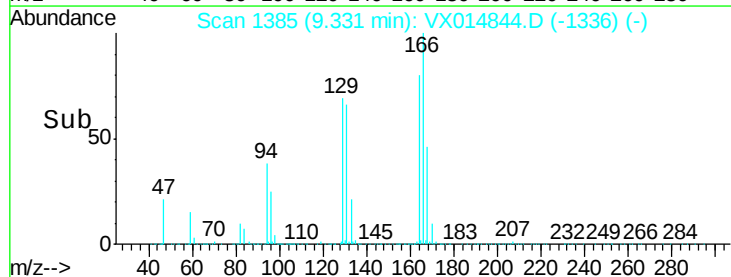
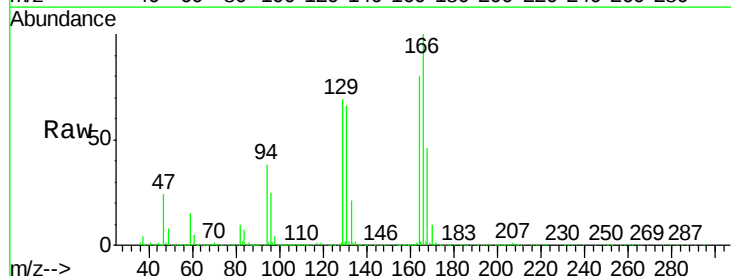
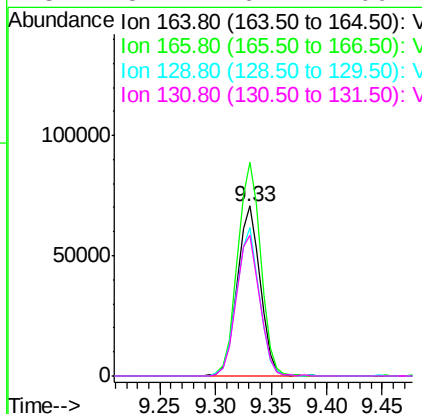
Manual Integrations
APPROVED

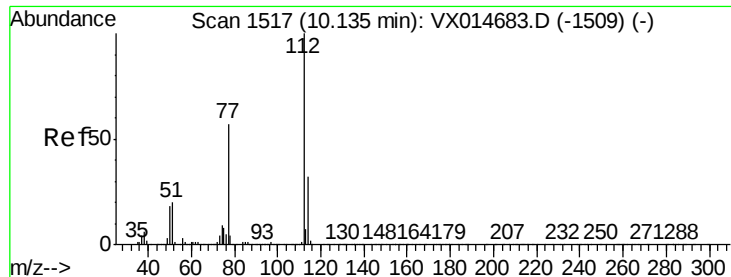
MMDadoda
2/7/2020 11:44:56 AM



#64
Tetrachloroethene
Concen: 18.567 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.9	151.3
129	87.2	71.0	106.6
131	82.7	67.1	100.7





#65

Chlorobenzene

Concen: 19.279 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion:112 Resp: 226672

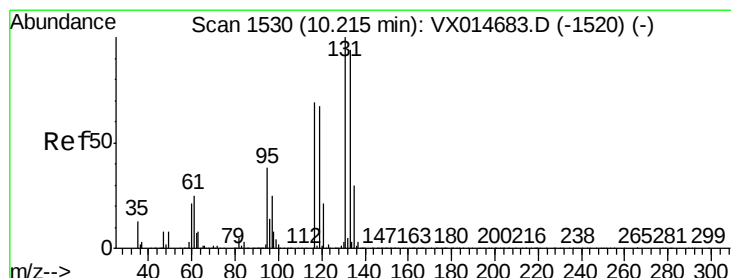
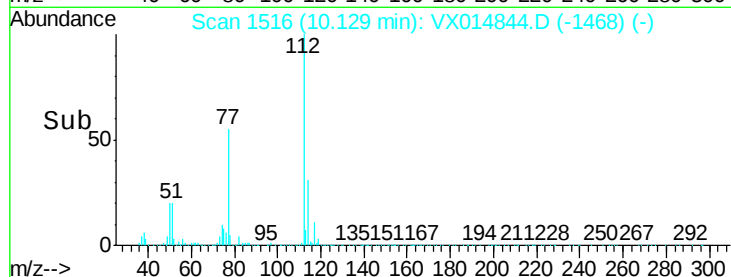
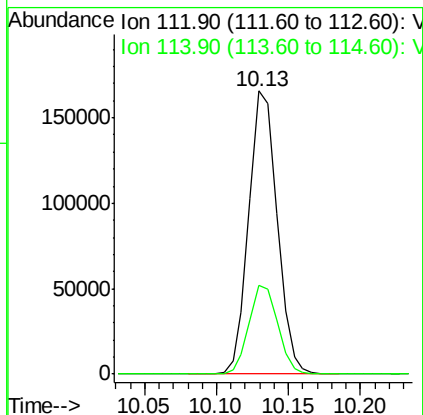
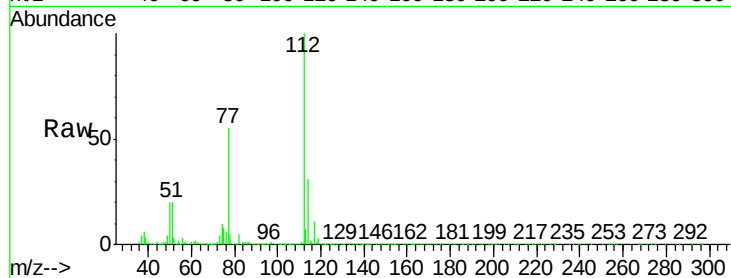
Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:56 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.650 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

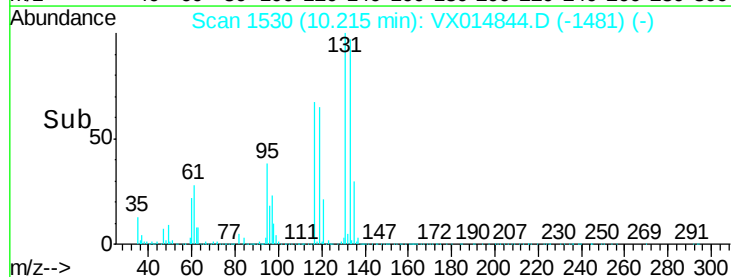
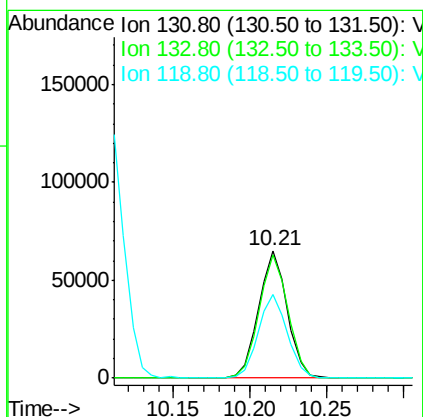
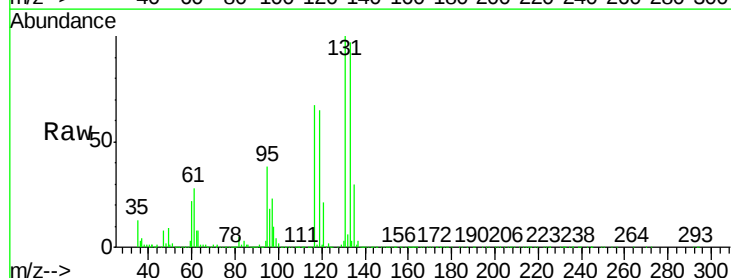
Tgt Ion:131 Resp: 85186

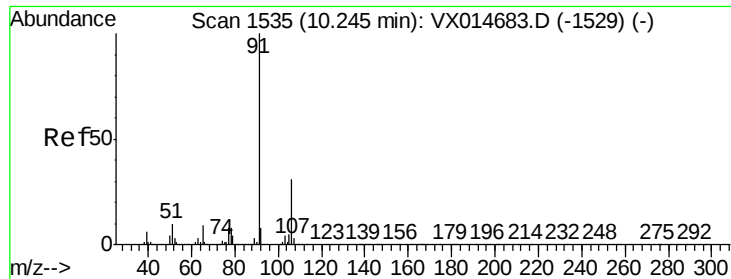
Ion Ratio Lower Upper

131 100

133 97.9 47.4 142.3

119 66.1 33.3 99.8





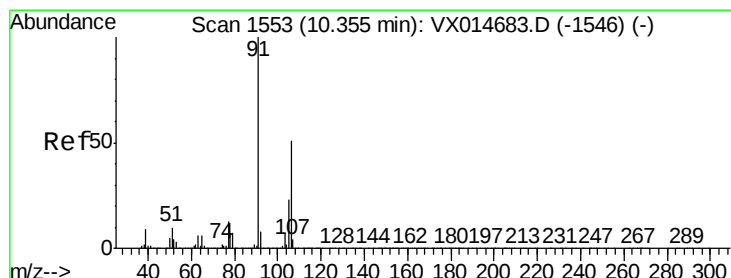
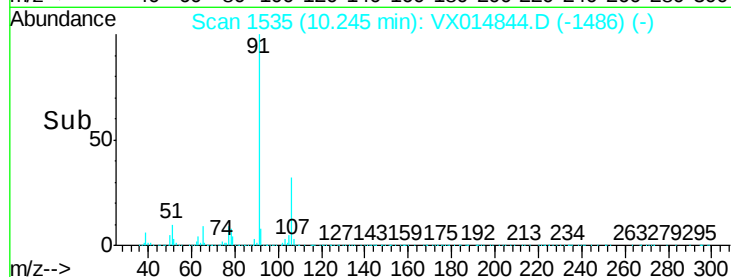
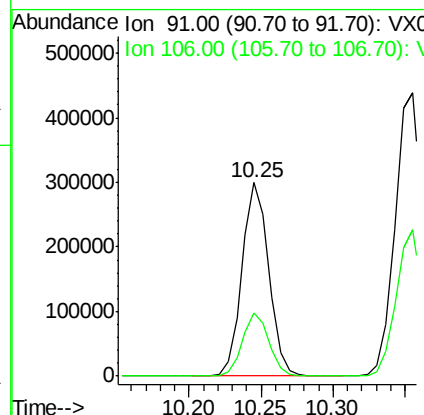
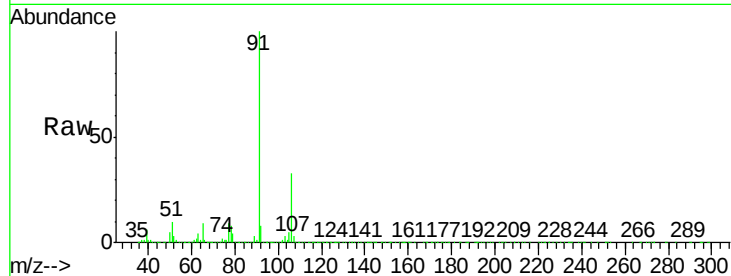
#67
Ethyl Benzene
Concen: 19.223 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.9	37.3

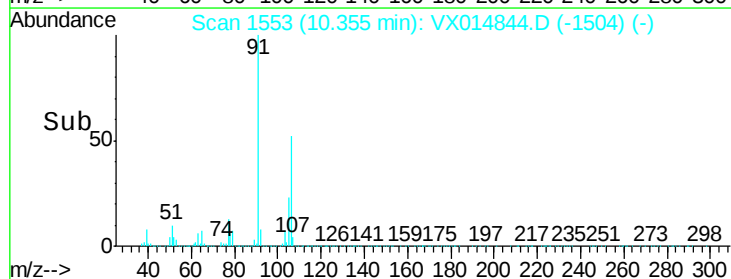
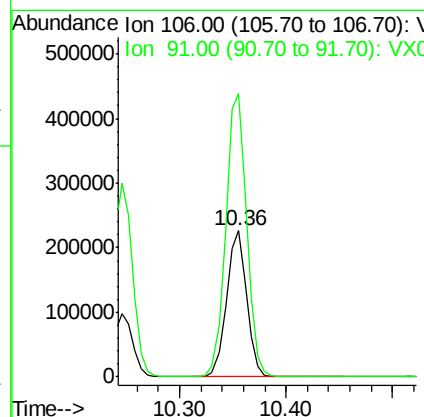
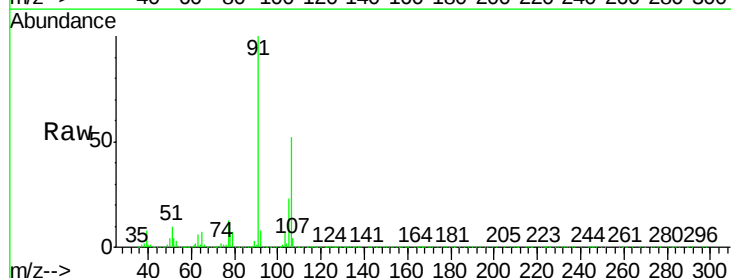
Manual Integrations
APPROVED

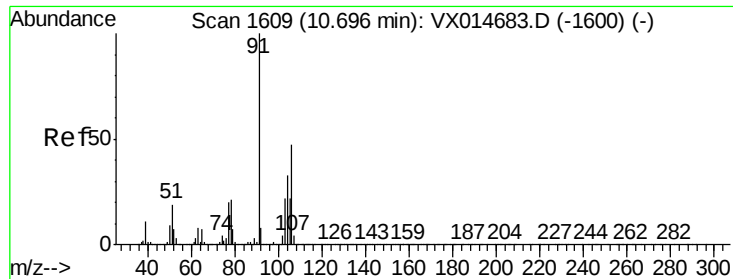
MMDadoda
2/7/2020 11:44:56 AM



#68
m/p-Xylenes
Concen: 39.177 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.2	159.4	239.2





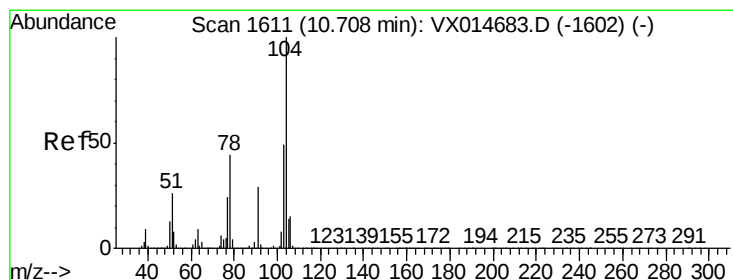
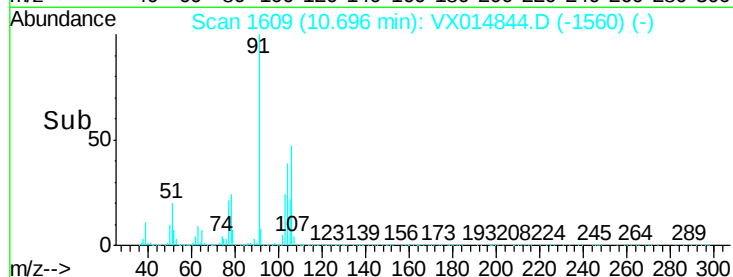
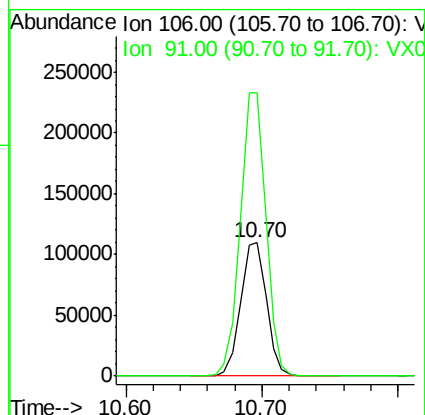
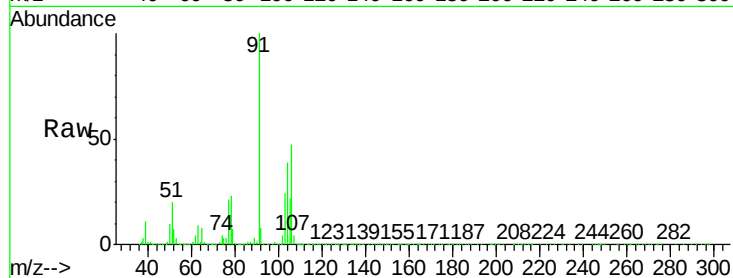
#69
o-Xylene
Concen: 19.777 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	106.2	318.6

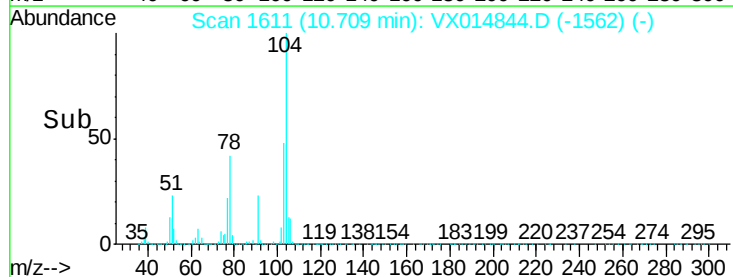
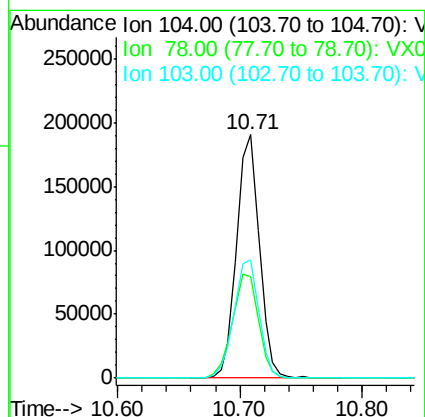
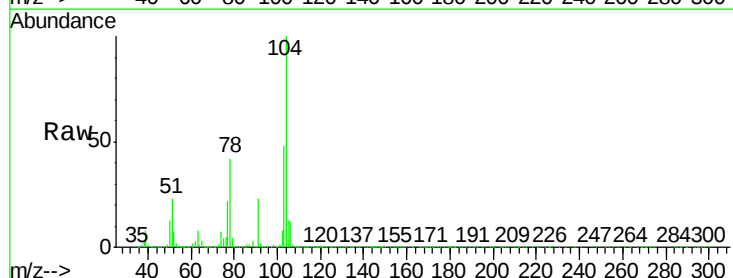
Manual Integrations
APPROVED

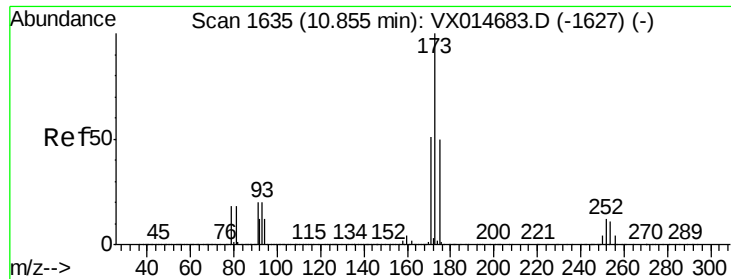
MMDadoda
2/7/2020 11:44:56 AM



#70
Styrene
Concen: 19.876 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	53.8	43.5	65.3





#71

Bromoform

Concen: 19.937 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

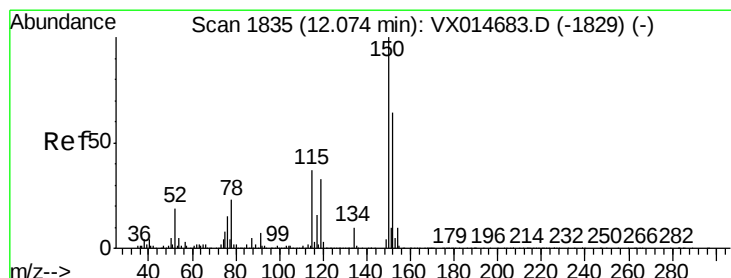
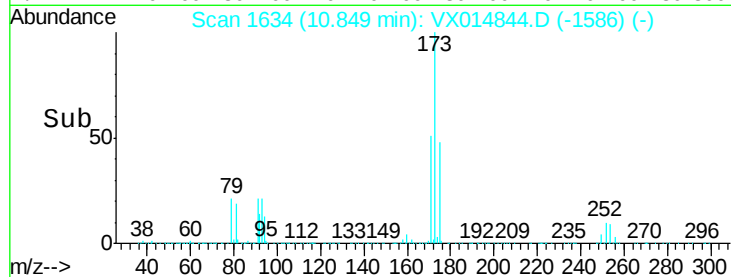
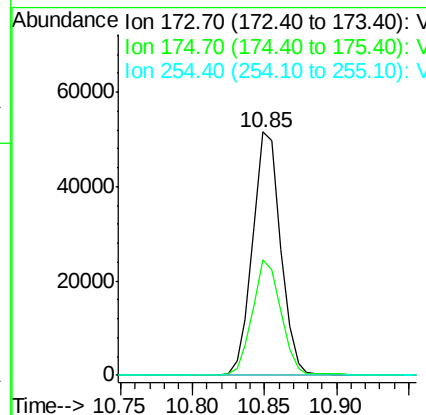
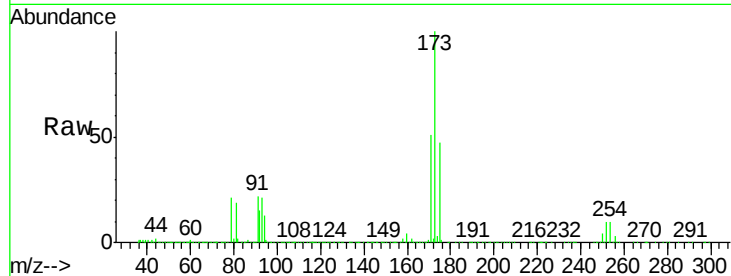
ClientSampleId :

VX0206MBSD01

Tot Ion:	173	Resp:	68733
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.6
254	0.4	0.1	0.1#

Manual Integrations
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2/7/2020 11:44:56 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

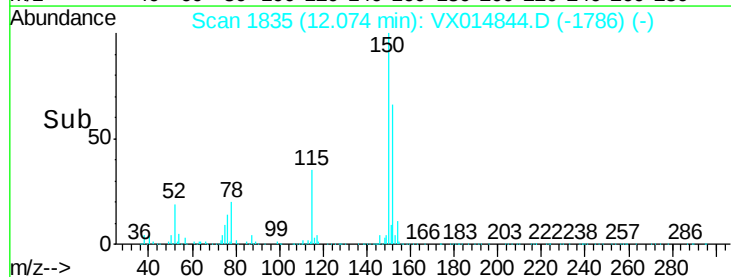
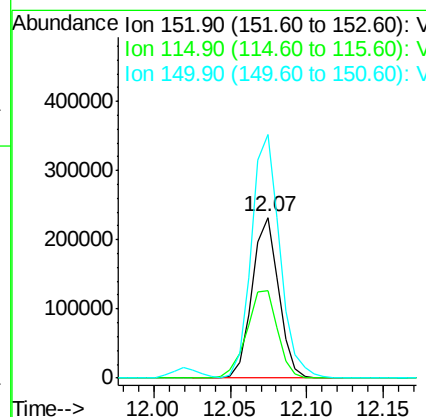
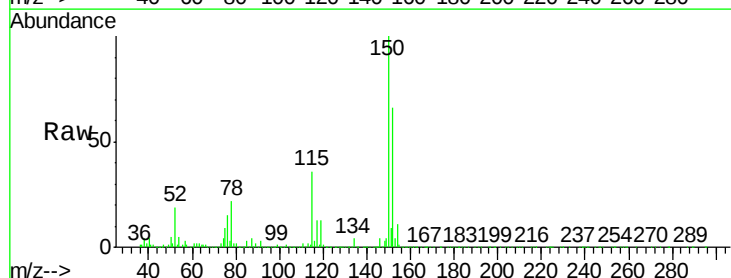
RT: 12.07 min Scan# 1835

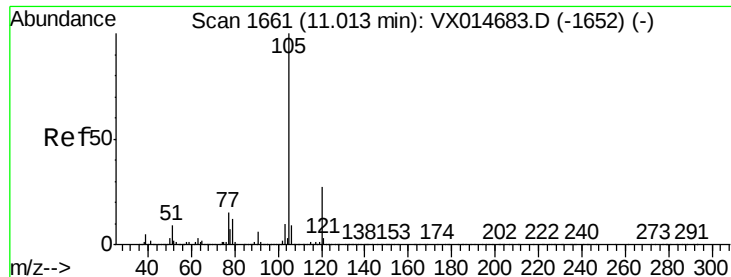
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	152	Resp:	279522
Ion Ratio	Lower	Upper	
152	100		
115	63.9	39.4	118.1
150	162.0	0.0	351.2





#73

Isopropylbenzene

Concen: 19.656 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0206MBSD01

Tot Ion: 105 Resp: 386322

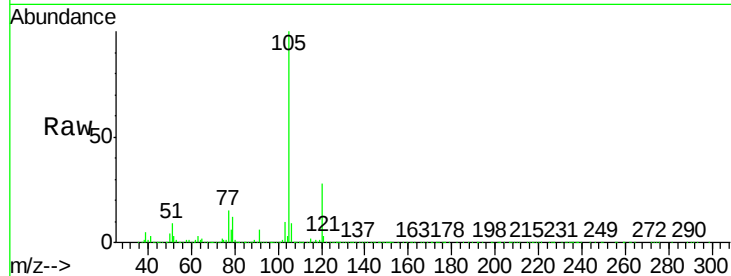
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

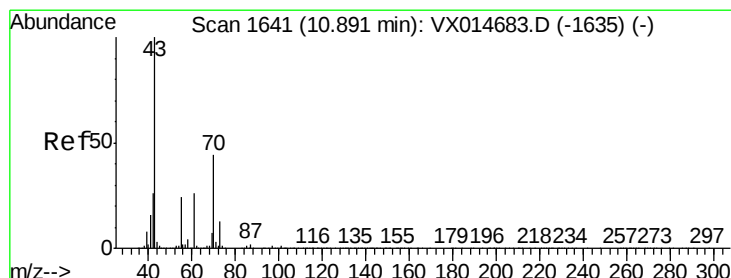
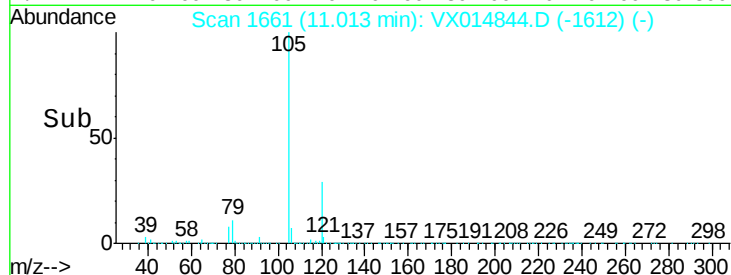
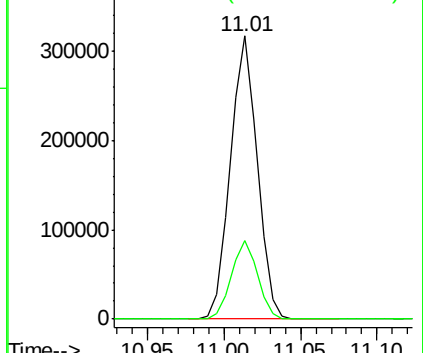
Manual Integrations
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2/7/2020 11:44:56 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.500 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion: 43 Resp: 167944

Ion Ratio Lower Upper

43 100

70 44.0 34.6 52.0

55 24.8 19.4 29.2

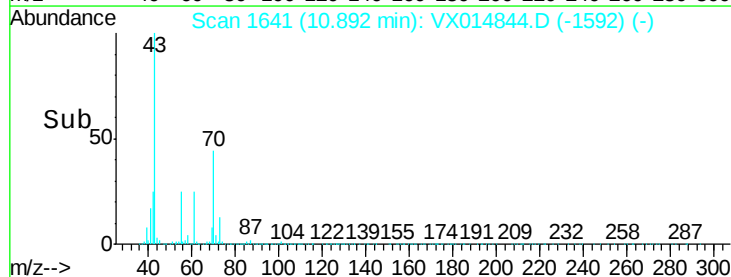
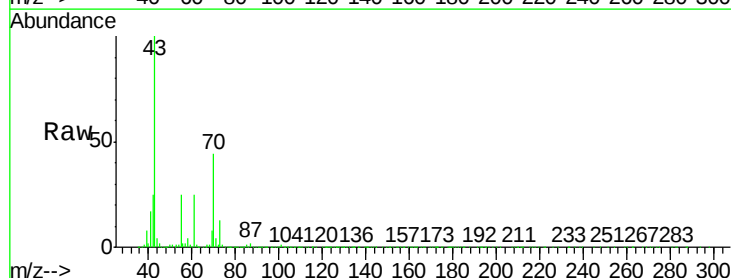
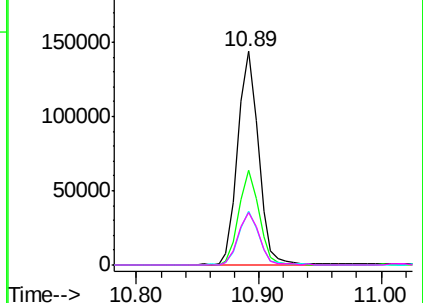
61 24.7 19.8 29.6

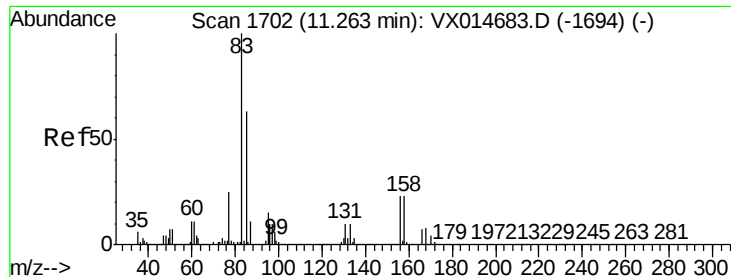
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.610 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

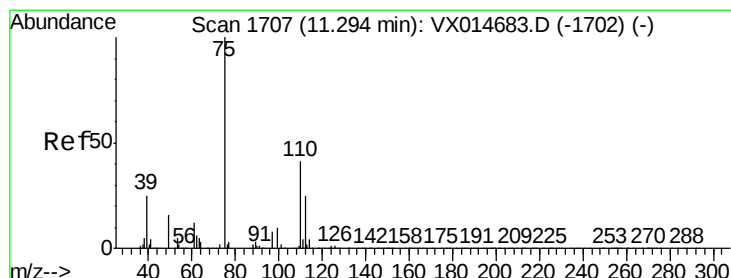
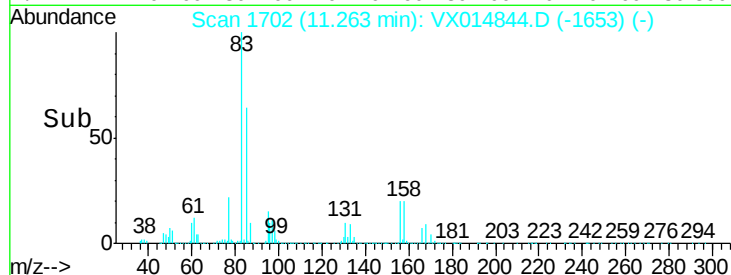
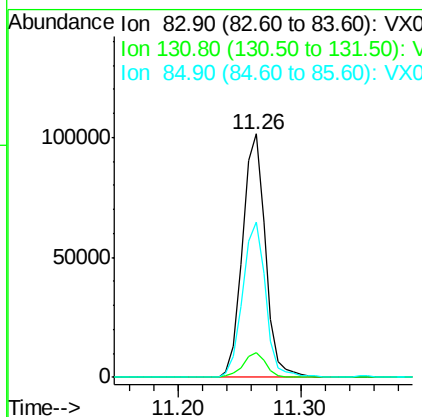
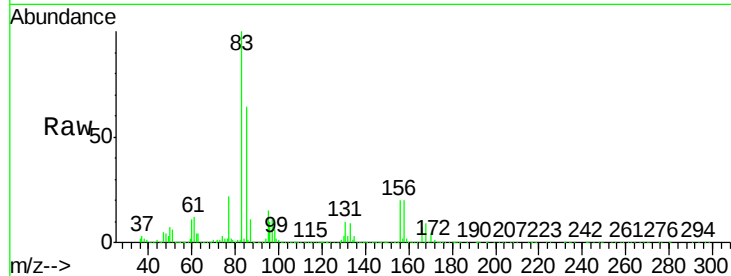
ClientSampled :

VX0206MBS01

Tot Ion:	83	Resp:	130597
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	64.1	31.7	95.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:56 AM



#76

1,2,3-Trichloropropane

Concen: 17.207 ug/l m

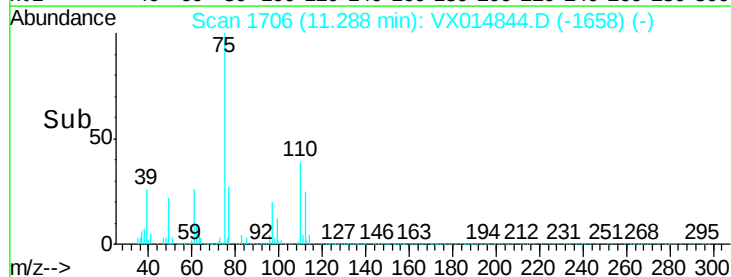
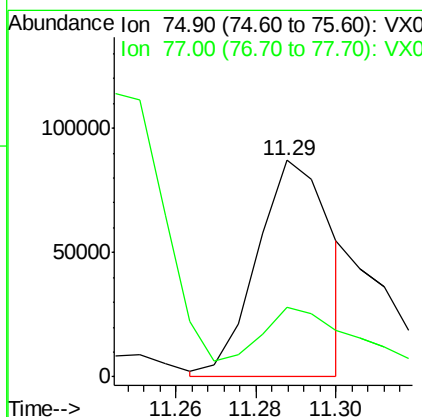
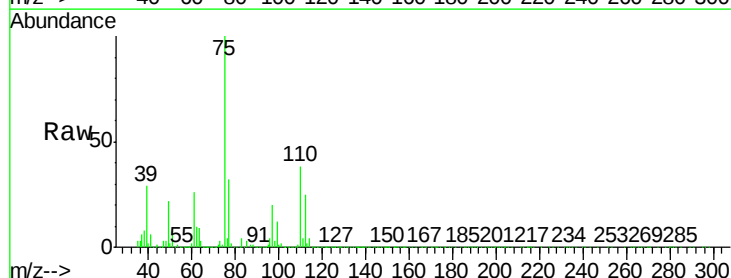
RT: 11.29 min Scan# 1706

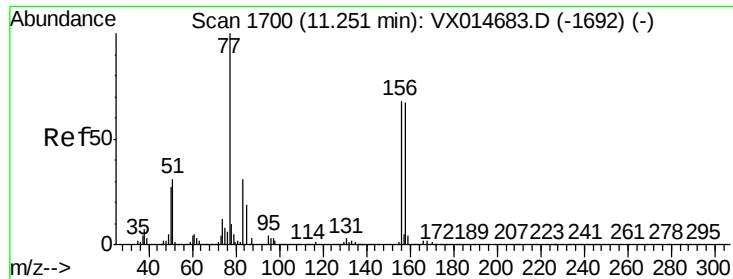
Delta R.T. -0.01 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	75	Resp:	111904
Ion Ratio	Lower	Upper	
75	100		
77	43.9	18.7	56.1





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

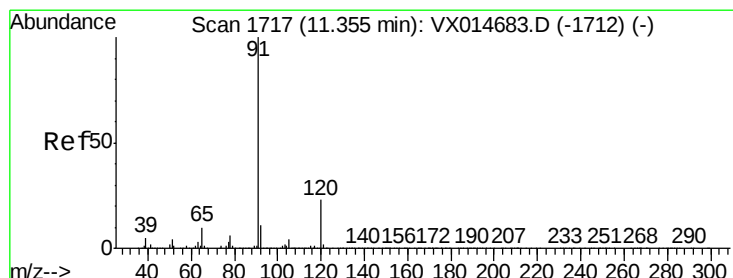
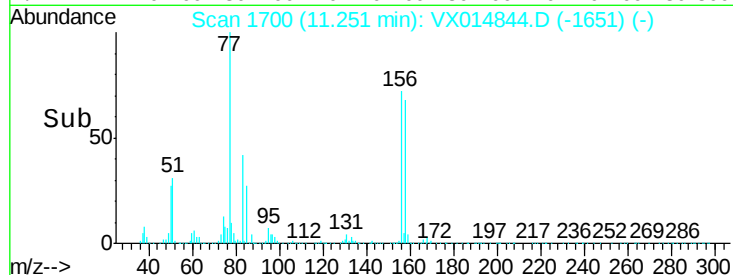
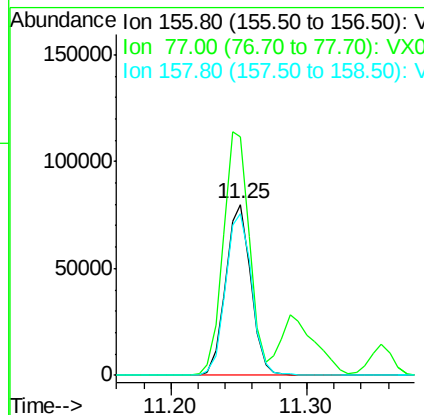
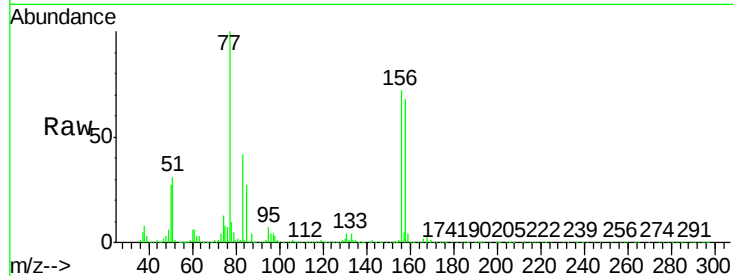
ClientSampleId :

VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	102828		
77	147.1	77.5	232.5	
158	98.4	49.1	147.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.578 ug/l

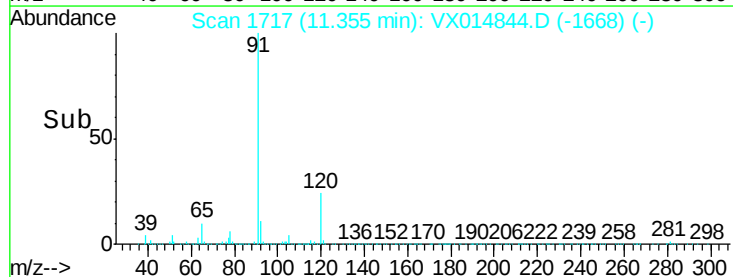
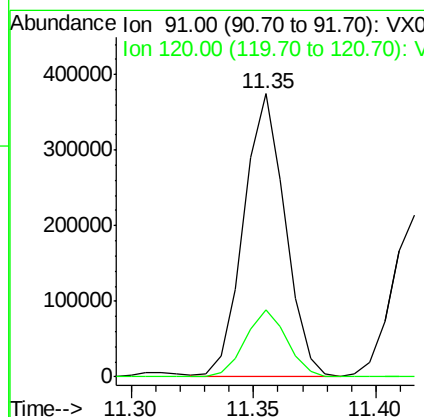
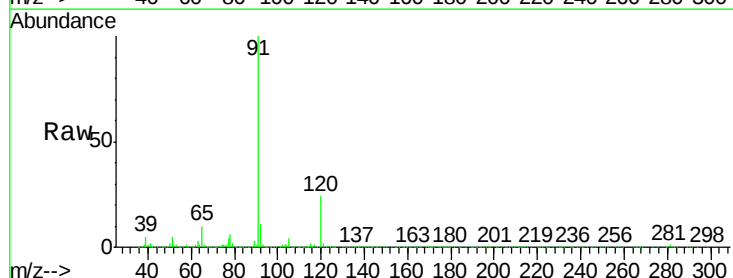
RT: 11.35 min Scan# 1717

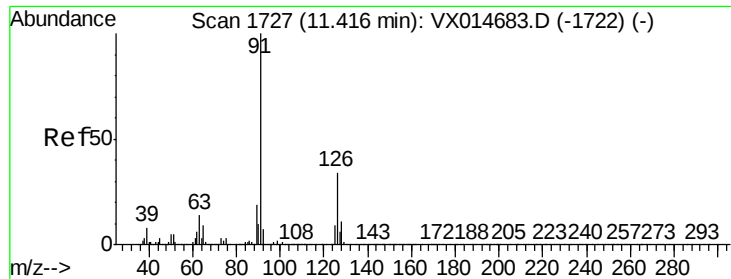
Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	436778		
120	23.7	11.7	35.0	





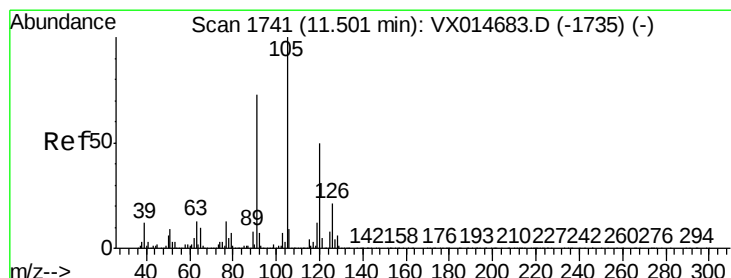
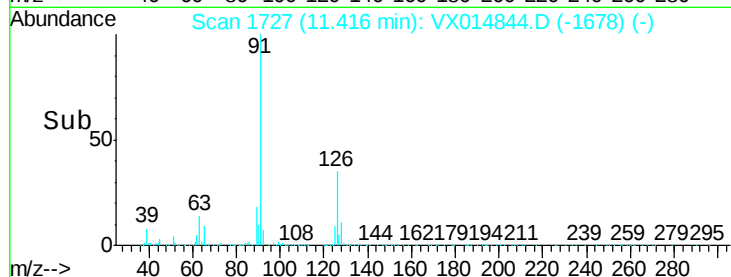
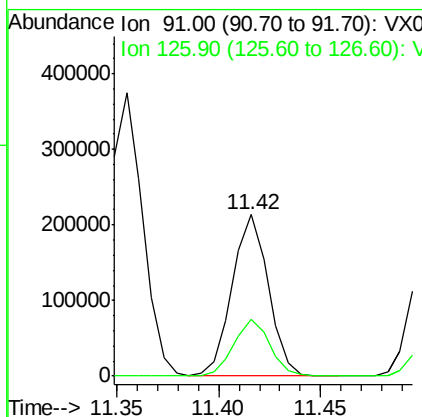
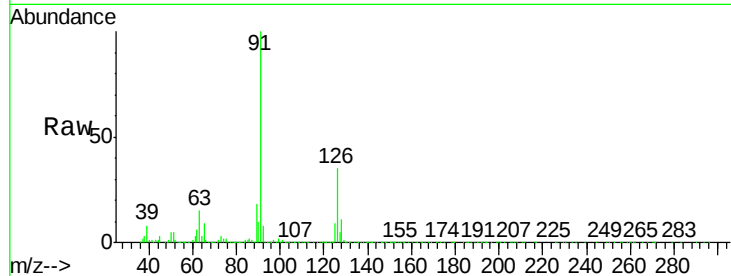
#79
 2-Chlorotoluene
 Concen: 19.323 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBSD01

Tot Ion: 91 Resp: 260836
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 51.9

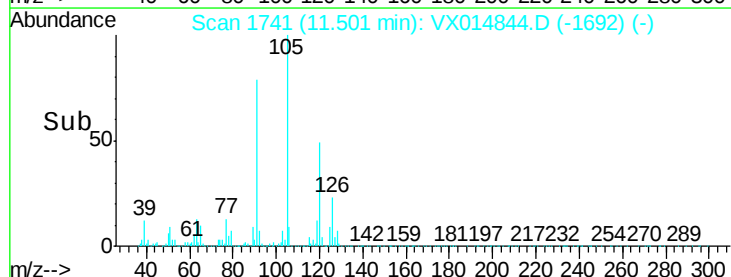
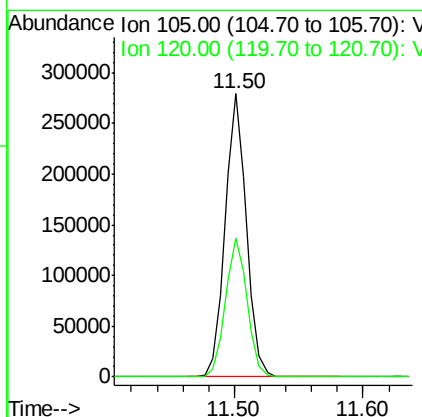
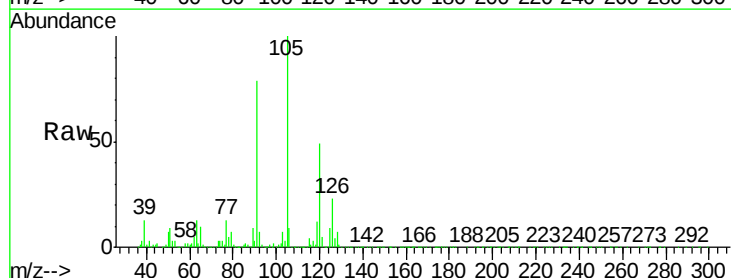
Manual Integrations
 APPROVED

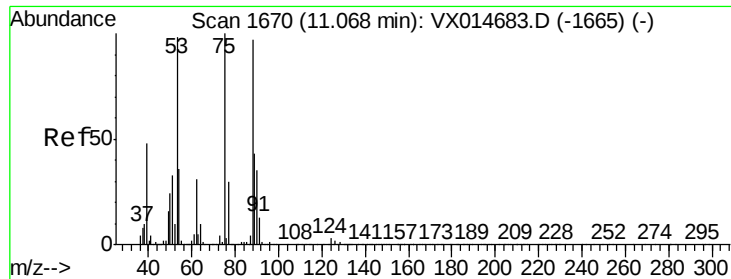
MMDadoda
 2/7/2020 11:44:56 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.816 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion: 105 Resp: 323248
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.6





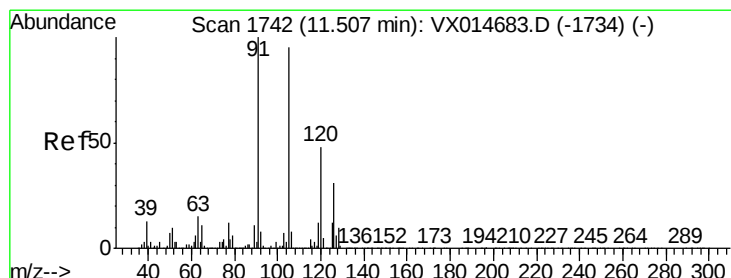
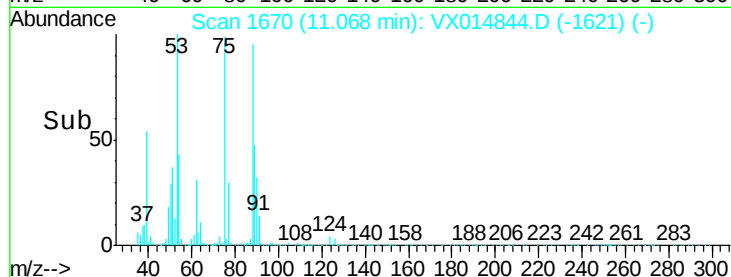
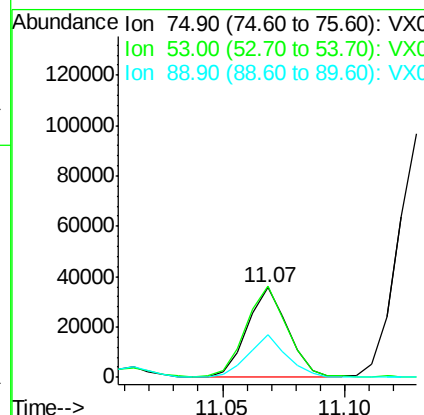
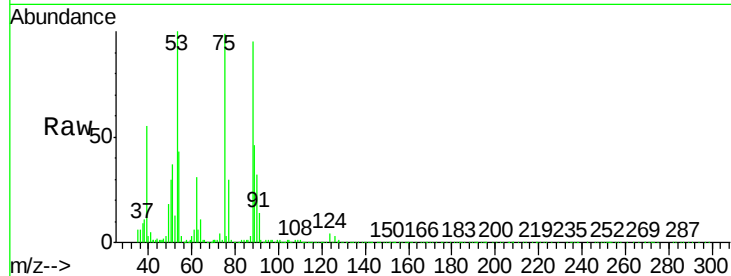
#81
trans-1,4-Dichloro-2-butene
Concen: 17.897 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	78.8	118.2
89	45.3	35.4	53.0

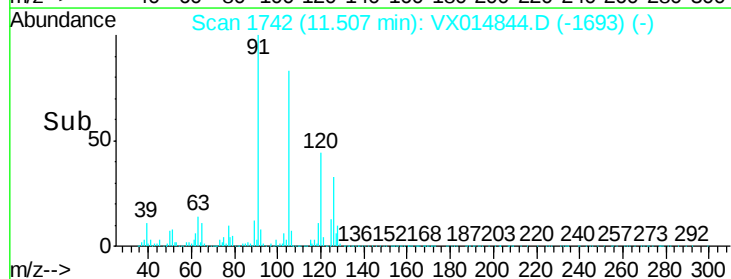
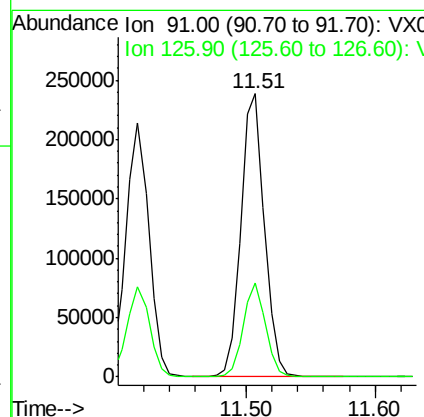
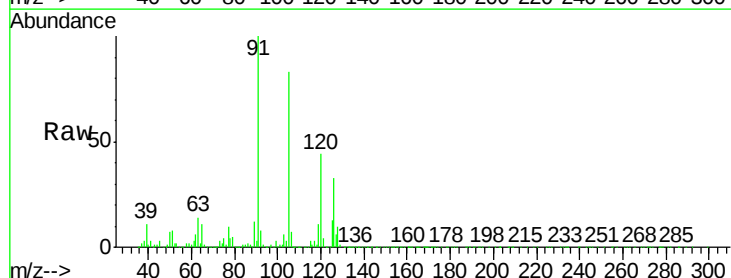
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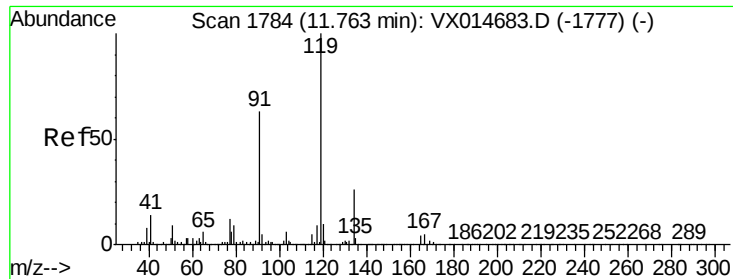
MMDadoda
2/7/2020 11:44:56 AM



#82
4-Chlorotoluene
Concen: 19.618 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





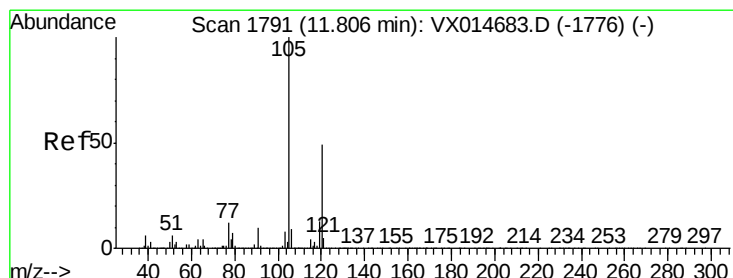
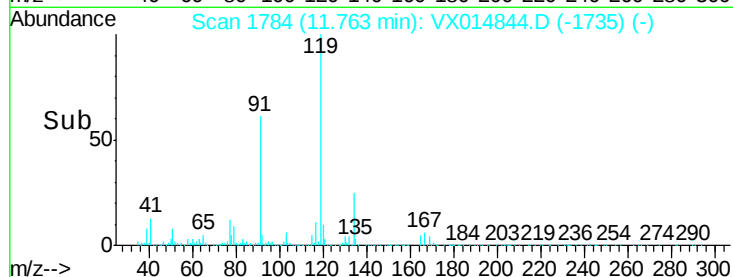
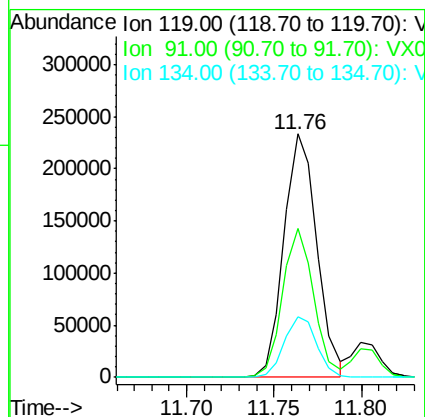
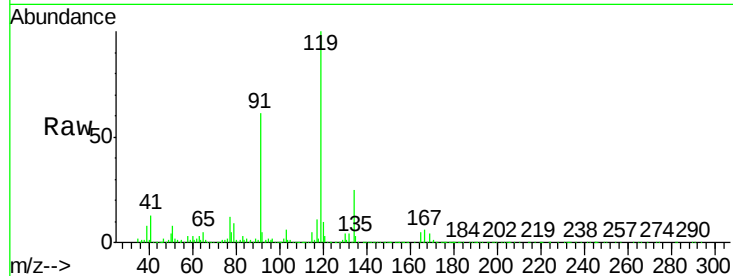
#83
tert-Butylbenzene
Concen: 20.059 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	307470		
91	58.0	30.0	90.0	
134	24.8	12.7	38.0	

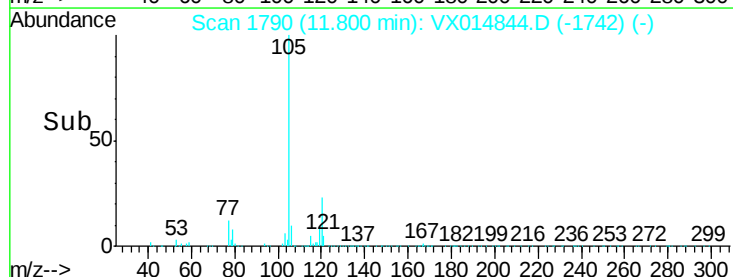
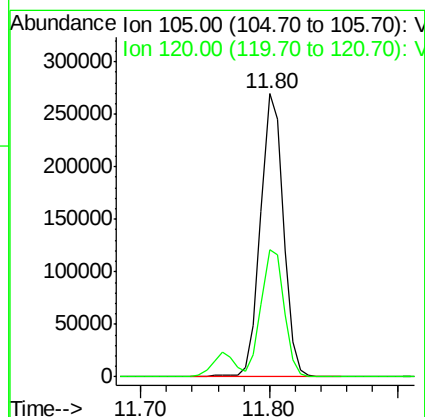
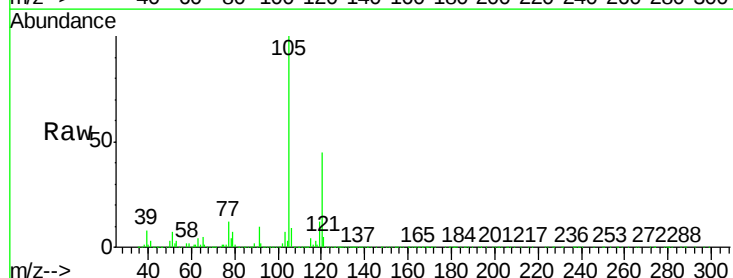
Manual Integrations
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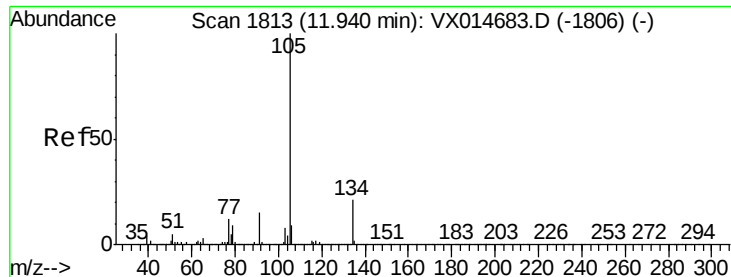
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.086 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328640		
120	45.2	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.010 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBSD01

Tot Ion:105 Resp: 375752

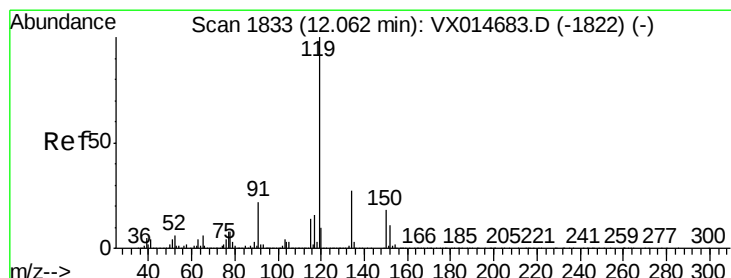
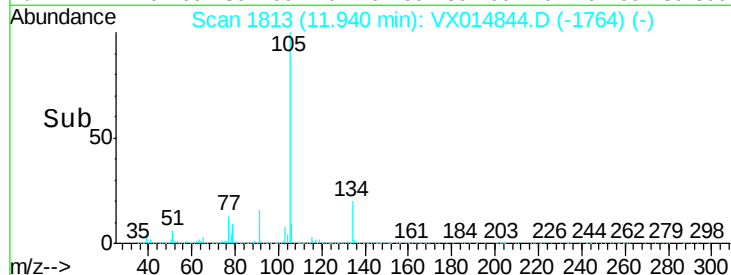
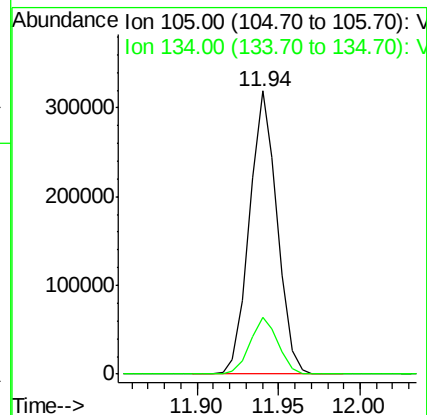
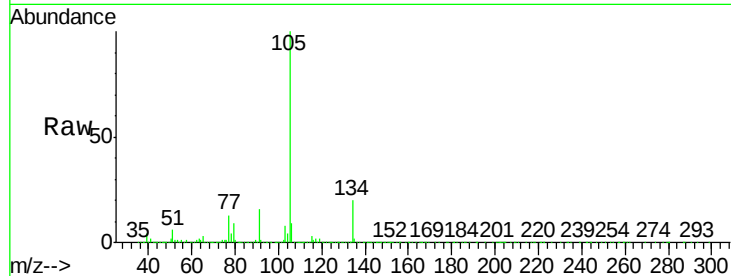
Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.058 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

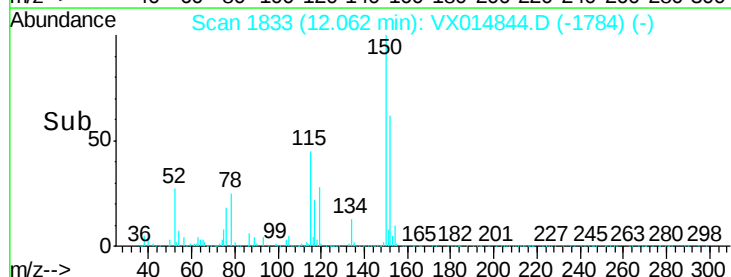
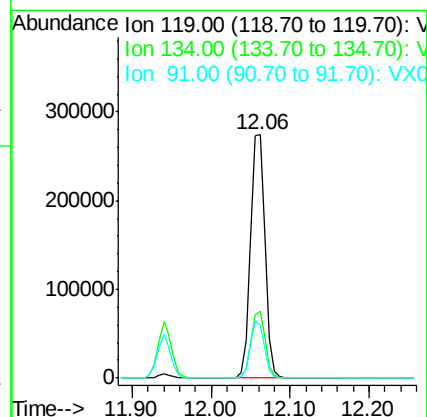
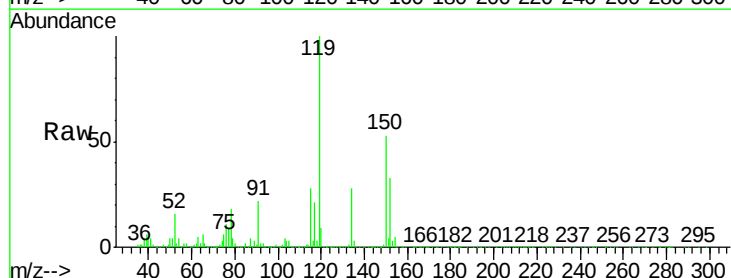
Tgt Ion:119 Resp: 348081

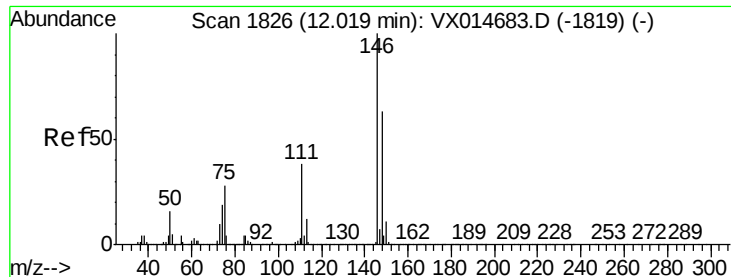
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.5 11.3 33.8





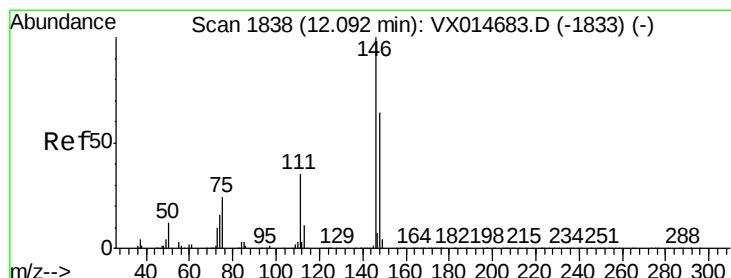
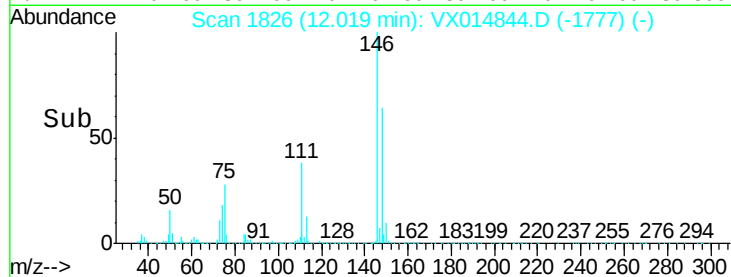
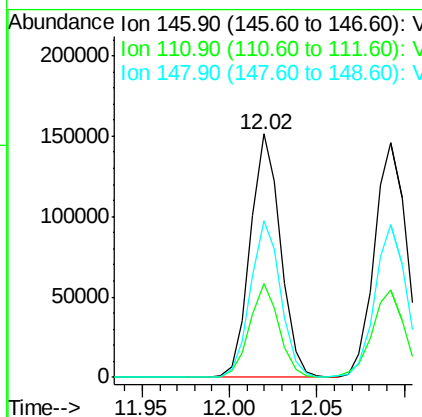
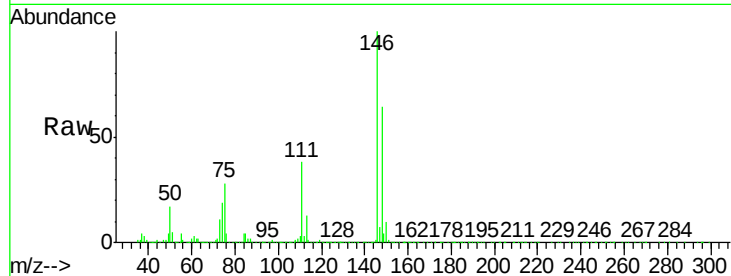
#87
 1,3-Dichlorobenzene
 Concen: 19.130 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.0	57.0
148	64.3	31.6	95.0

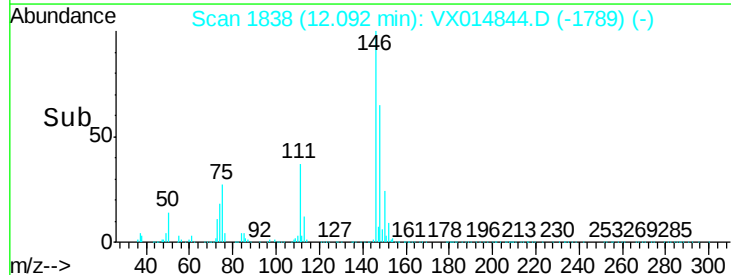
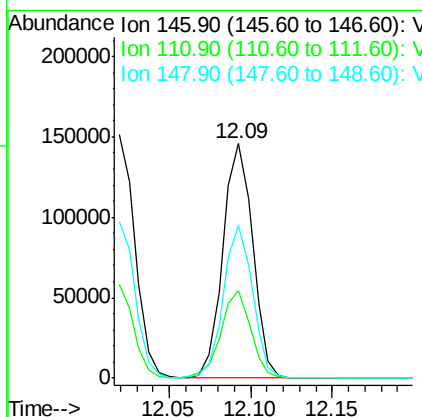
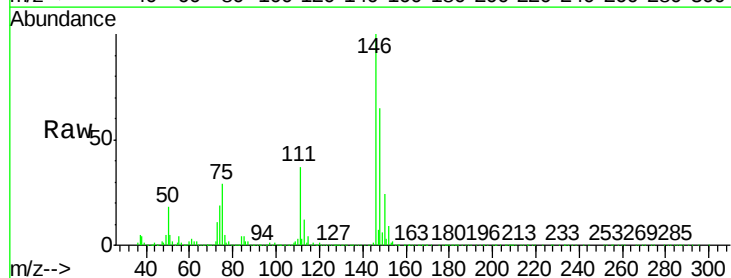
Manual Integrations
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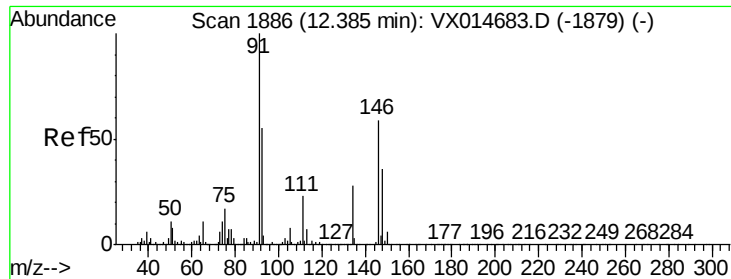
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#88
 1,4-Dichlorobenzene
 Concen: 19.458 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	63.6	32.0	96.2





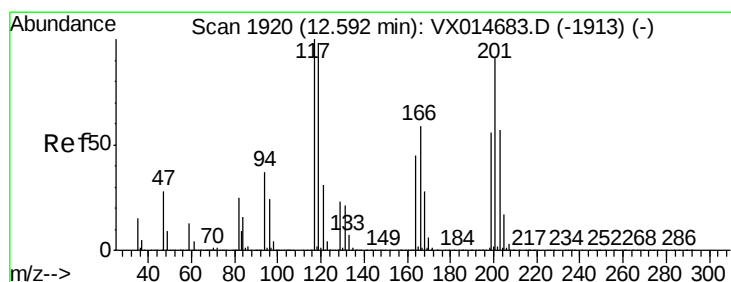
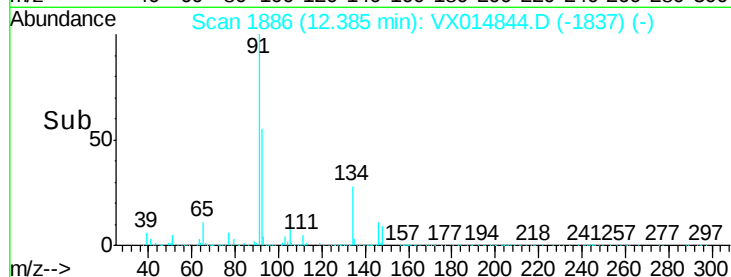
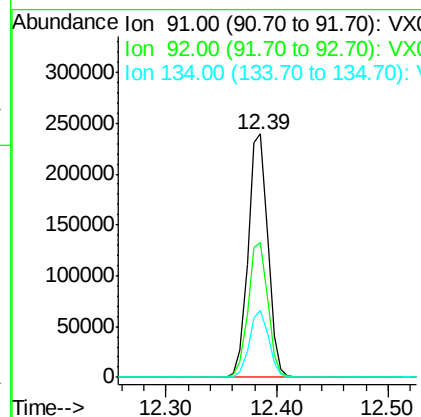
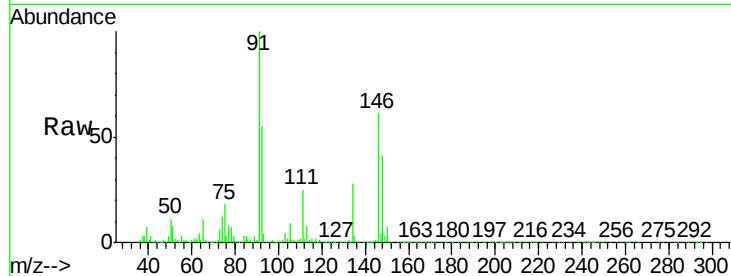
#89
n-Butylbenzene
Concen: 19.393 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	27.2	13.3	39.8

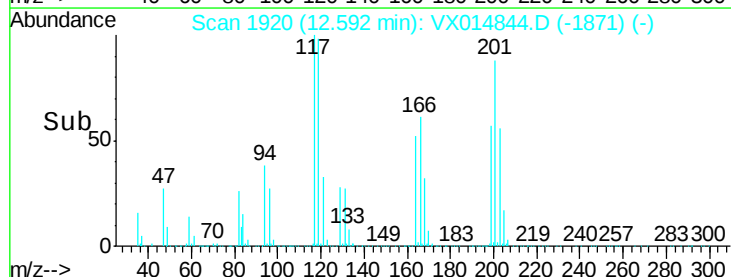
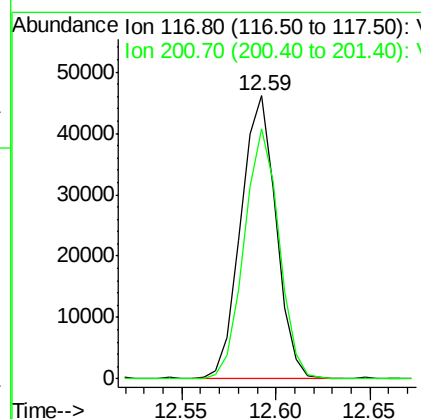
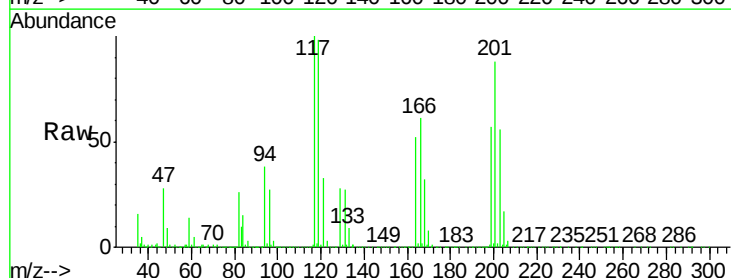
Manual Integrations
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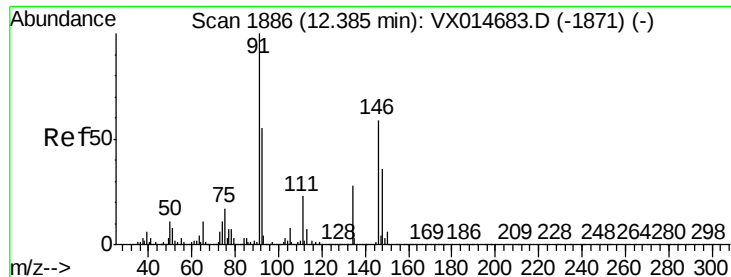
MMDadoda
2/7/2020 11:44:56 AM



#90
Hexachloroethane
Concen: 18.413 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.4	133.1





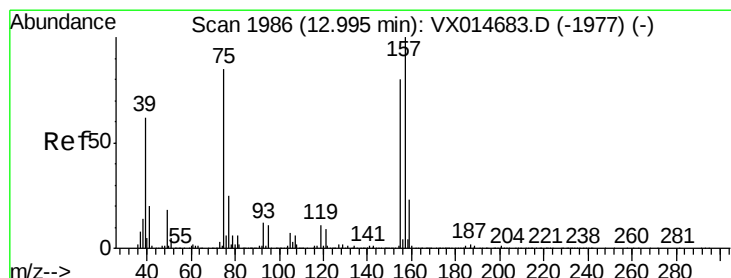
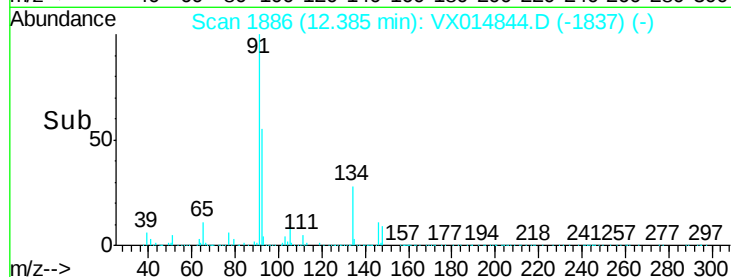
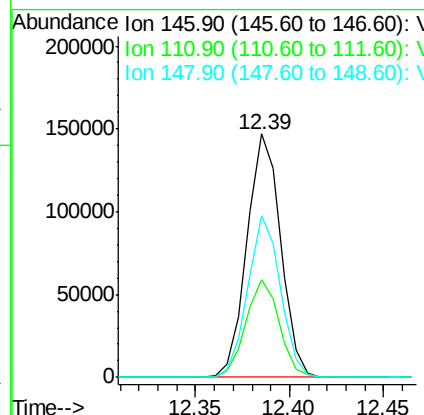
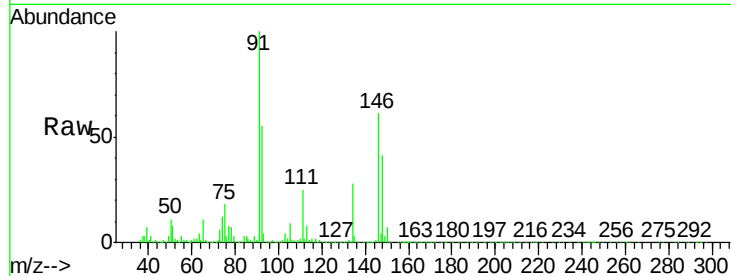
#91
1,2-Dichlorobenzene
Concen: 19.358 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.3	31.9	95.9

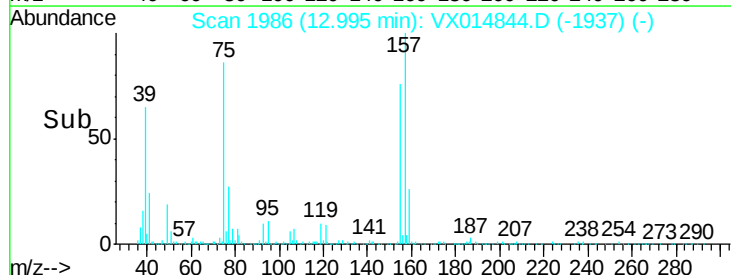
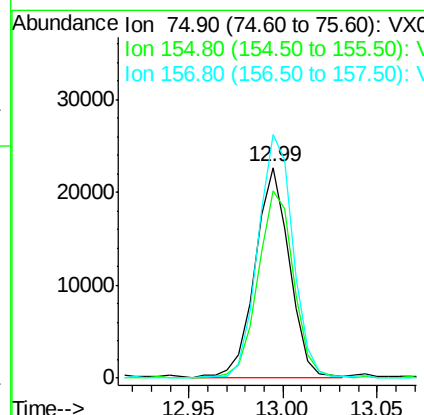
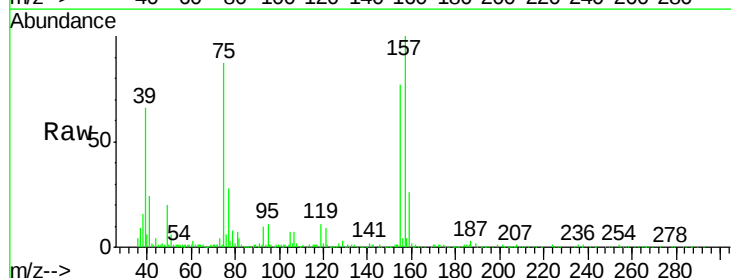
Manual Integrations
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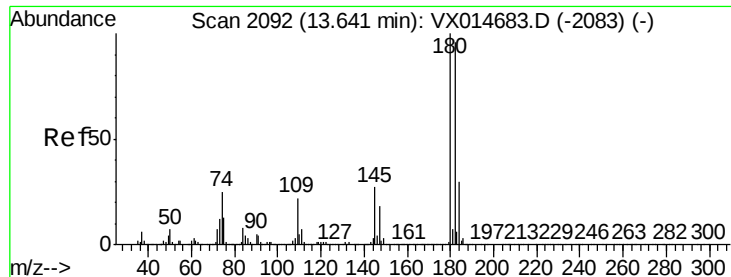
MMDadoda
2/7/2020 11:44:56 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.815 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014844.D
Acq: 06 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	45.6	136.9
157	119.8	60.3	180.9





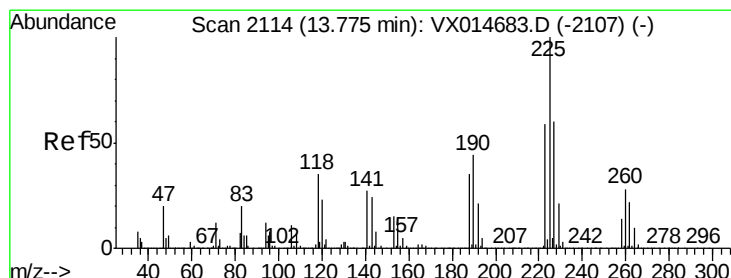
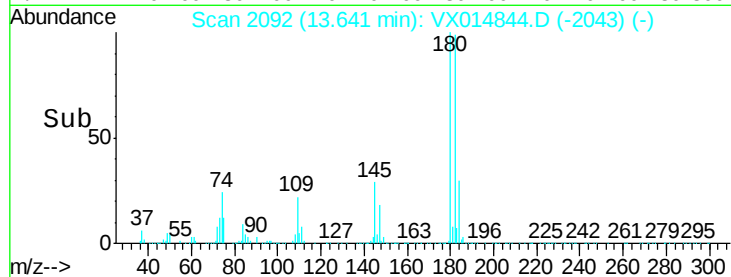
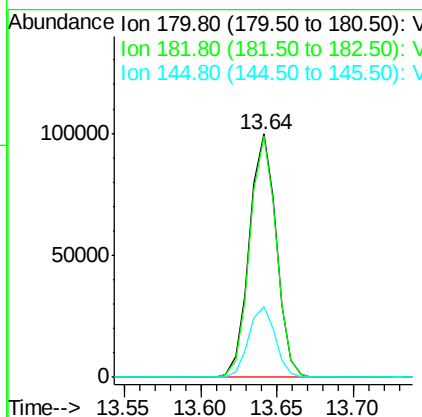
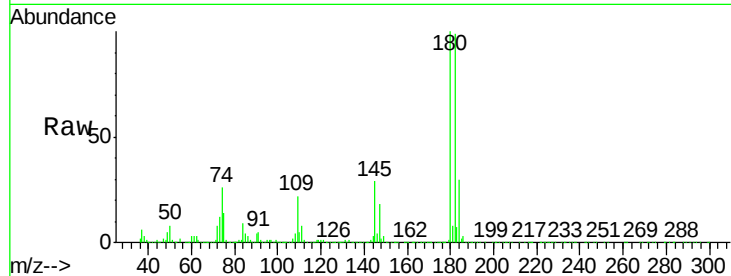
#93
 1,2,4-Trichlorobenzene
 Concen: 20.165 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion:	180	Resp:	122527
Ion Ratio	Lower	Upper	
180	100		
182	97.5	48.5	145.6
145	29.0	14.0	41.9

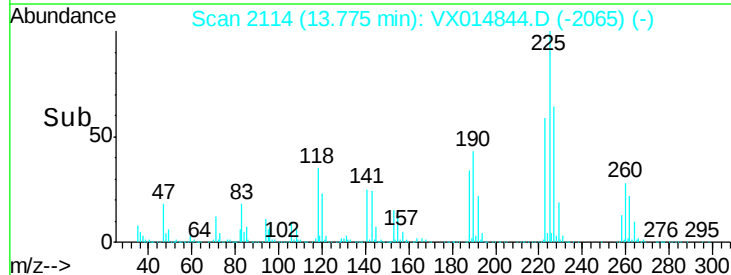
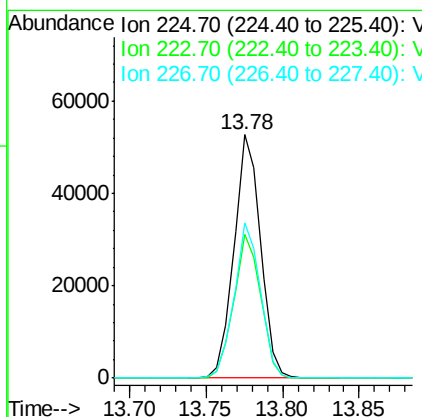
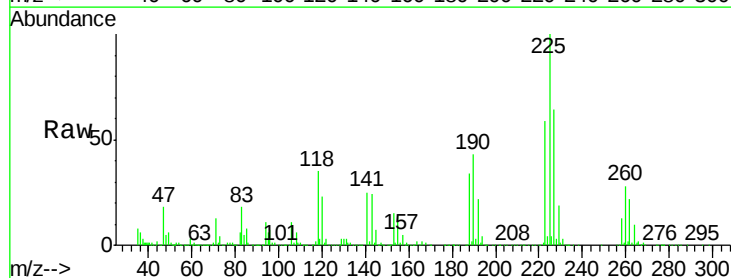
Manual Integrations
 APPROVED

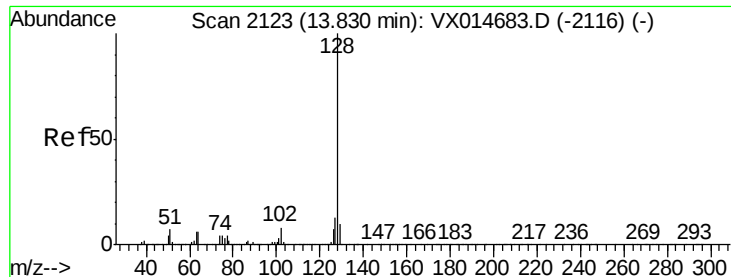
MMDadoda
 2/7/2020 11:44:56 AM



#94
 Hexachlorobutadiene
 Concen: 20.251 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014844.D
 Acq: 06 Feb 2020 13:51

Tgt Ion:	225	Resp:	63332
Ion Ratio	Lower	Upper	
225	100		
223	60.0	30.6	91.8
227	63.6	31.4	94.0





#95

Naphthalene

Concen: 19.480 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Instrument :

MSVOA_X

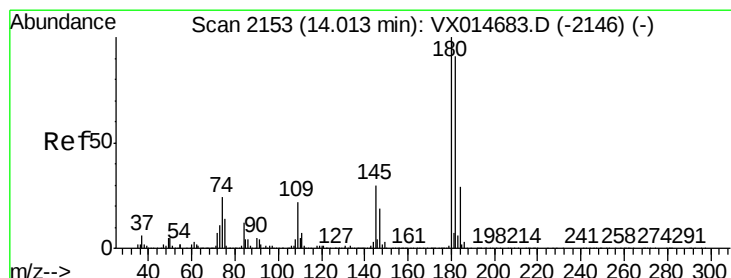
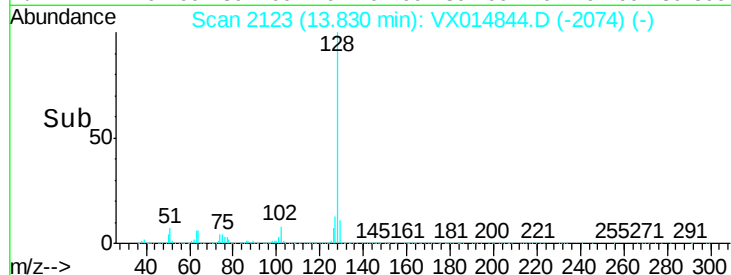
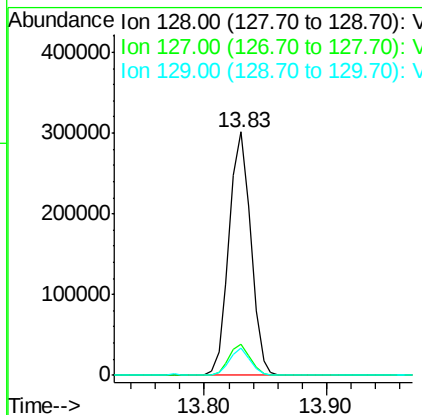
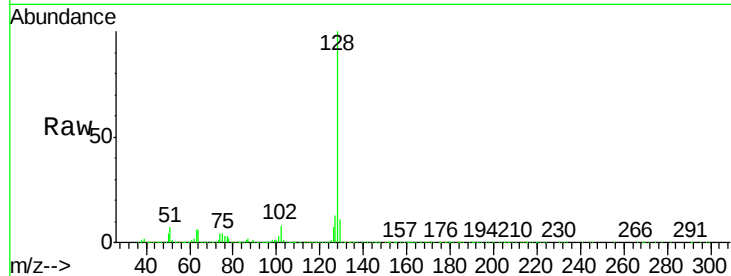
ClientSampleId :

VX0206MBS01

Tot Ion:	128	Resp:	370348
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.581 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014844.D

Acq: 06 Feb 2020 13:51

Tgt Ion:	180	Resp:	126446
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.6	139.7
145	29.1	14.7	44.1

