

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014841.D
 Acq On : 06 Feb 2020 12:31
 Operator : JC/SP
 Sample : VX0206MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:41 AM

Quant Time: Feb 06 15:35:41 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	397626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	587737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	541631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277801	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	228261	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.48	113	184922	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	693152	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	250354	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	90674	17.340	ug/l 98
3) Chloromethane	1.32	50	88274	16.410	ug/l 100
4) Vinyl Chloride	1.40	62	103743	17.837	ug/l 98
5) Bromomethane	1.63	94	66643	16.869	ug/l 99
6) Chloroethane	1.72	64	58396	16.625	ug/l 97
7) Trichlorofluoromethane	1.92	101	125583	18.544	ug/l 98
8) Diethyl Ether	2.18	74	55338	18.721	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75095	18.889	ug/l 98
10) Methyl Iodide	2.50	142	94144	18.047	ug/l 96
11) Tert butyl alcohol	3.02	59	101836	97.686	ug/l 97
12) 1,1-Dichloroethene	2.37	96	71101	17.988	ug/l 98
13) Acrolein	2.28	56	63738	77.543	ug/l 97
14) Allyl chloride	2.72	41	130298	18.339	ug/l 99
15) Acrylonitrile	3.12	53	231443	95.953	ug/l 99
16) Acetone	2.43	43	247646	97.404	ug/l 99
17) Carbon Disulfide	2.56	76	168914	15.635	ug/l 98
18) Methyl Acetate	2.76	43	144105	19.838	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	261603	20.206	ug/l 100
20) Methylene Chloride	2.84	84	85816	18.224	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	79177	18.192	ug/l 98
22) Diisopropyl ether	3.84	45	278968	19.735	ug/l 93
23) Vinyl Acetate	3.80	43	1069097	99.217	ug/l 98
24) 1,1-Dichloroethane	3.69	63	146436	19.076	ug/l 99
25) 2-Butanone	4.65	43	340938	93.506	ug/l 98
26) 2,2-Dichloropropane	4.57	77	118308	19.254	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	92087	18.905	ug/l 99
28) Bromochloromethane	5.00	49	58682	17.396	ug/l 96
29) Tetrahydrofuran	5.11	42	203274	93.932	ug/l 98
30) Chloroform	5.20	83	148070	19.471	ug/l 97
31) Cyclohexane	5.57	56	130098	18.019	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	123877	19.272	ug/l 98
36) 1,1-Dichloropropene	5.79	75	104477	19.131	ug/l 98
37) Ethyl Acetate	4.81	43	120840	19.319	ug/l 99
38) Carbon Tetrachloride	5.77	117	105772	20.279	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130135	19.021	ug/l	96
40) Benzene	6.13	78	329266	19.513	ug/l	98
41) Methacrylonitrile	5.03	41	66964	18.605	ug/l	97
42) 1,2-Dichloroethane	6.18	62	123588	21.209	ug/l	100
43) Isopropyl Acetate	6.43	43	203338	19.852	ug/l	99
44) Trichloroethene	7.20	130	93399	19.596	ug/l	94
45) 1,2-Dichloropropane	7.51	63	85268	19.615	ug/l	99
46) Dibromomethane	7.65	93	58167	20.660	ug/l	97
47) Bromodichloromethane	7.89	83	113071	20.476	ug/l	97
48) Methyl methacrylate	7.76	41	101789	20.799	ug/l	99
49) 1,4-Dioxane	7.73	88	43208	416.503	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	643521	99.543	ug/l	99
52) Toluene	8.78	92	207989	20.052	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124519	20.942	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	138716	21.207	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90121	21.221	ug/l	96
56) Ethyl methacrylate	9.17	69	134658	19.820	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150536	20.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	215960	101.117	ug/l	99
59) 2-Hexanone	9.48	43	494912	98.656	ug/l	99
60) Dibromochloromethane	9.57	129	92052	20.766	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92385	20.575	ug/l	99
64) Tetrachloroethene	9.33	164	98351	18.344	ug/l	99
65) Chlorobenzene	10.13	112	227070	19.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87112	20.394	ug/l	98
67) Ethyl Benzene	10.25	91	395189	19.978	ug/l	99
68) m/p-Xylenes	10.35	106	302076	40.308	ug/l	99
69) o-Xylene	10.69	106	147138	20.337	ug/l	99
70) Styrene	10.71	104	248324	20.461	ug/l	99
71) Bromoform	10.85	173	70021	20.613	ug/l #	100
73) Isopropylbenzene	11.01	105	396753	20.312	ug/l	100
74) N-amyl acetate	10.89	43	172090	20.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132965	19.065	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113054m	17.492	ug/l	
77) Bromobenzene	11.25	156	104700	19.952	ug/l	97
78) n-propylbenzene	11.35	91	444690	20.056	ug/l	100
79) 2-Chlorotoluene	11.42	91	265994	19.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	324229	20.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40228	17.713	ug/l	92
82) 4-Chlorotoluene	11.51	91	302609	19.814	ug/l	99
83) tert-Butylbenzene	11.76	119	313164	20.557	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	332410	20.442	ug/l	98
85) sec-Butylbenzene	11.94	105	379633	20.342	ug/l	99
86) p-Isopropyltoluene	12.06	119	353691	20.508	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185470	19.667	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	186368	19.728	ug/l	99
89) n-Butylbenzene	12.38	91	296411	19.733	ug/l	99
90) Hexachloroethane	12.59	117	60839	18.991	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	187414	20.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27747	18.518	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127445	21.104	ug/l	97
94) Hexachlorobutadiene	13.77	225	64361	20.707	ug/l	99
95) Naphthalene	13.83	128	369730	19.564	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126947	20.790	ug/l	96

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

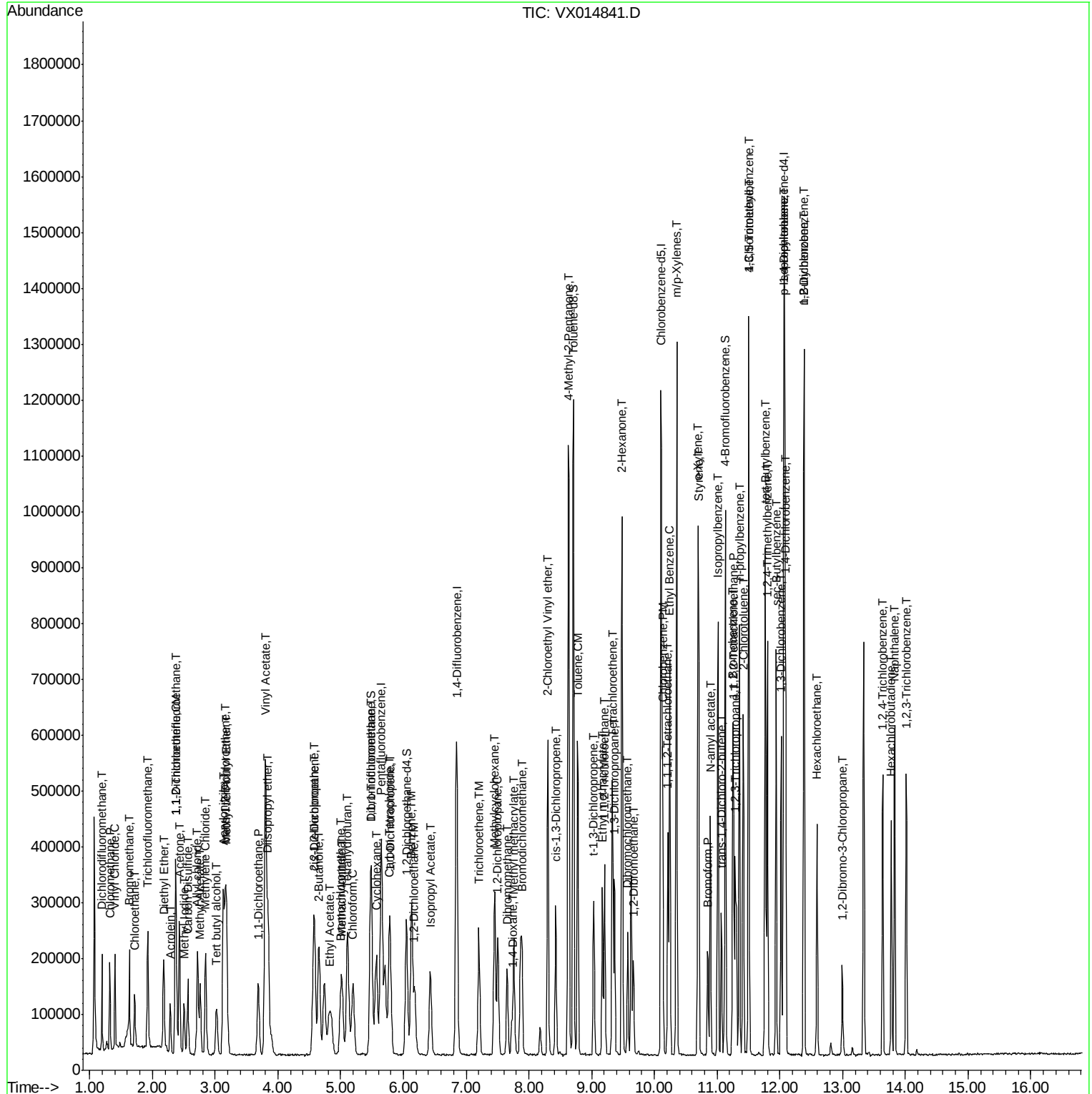
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 Acq On : 06 Feb 2020 12:31
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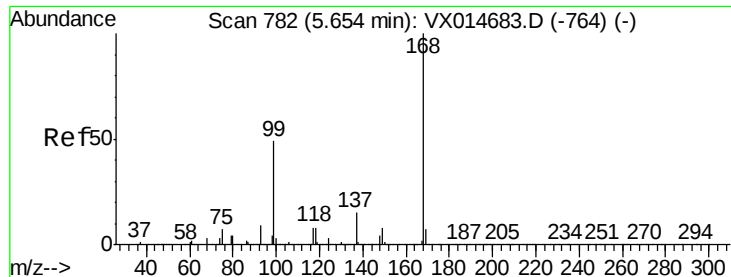
Instrument :
 MSVOA_X
 Client Sampled :
 VX0206MBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion:168 Resp: 397626

Ion Ratio Lower Upper

168 100

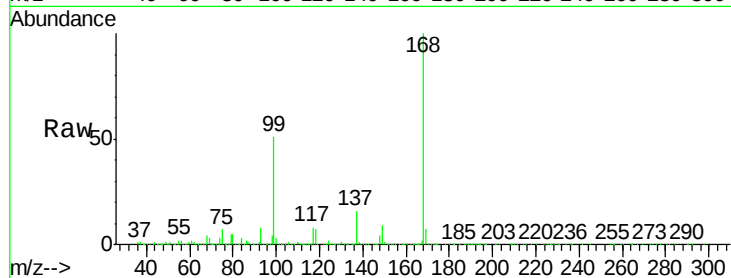
99 50.5 39.8 59.6

Manual Integrations

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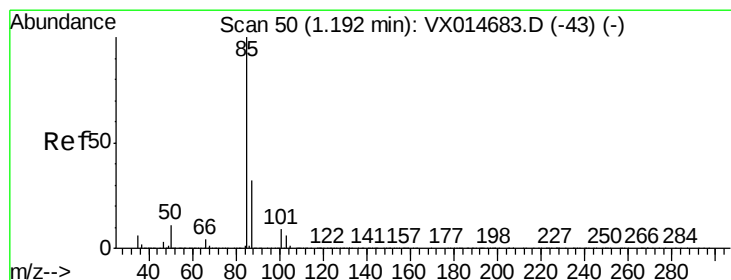
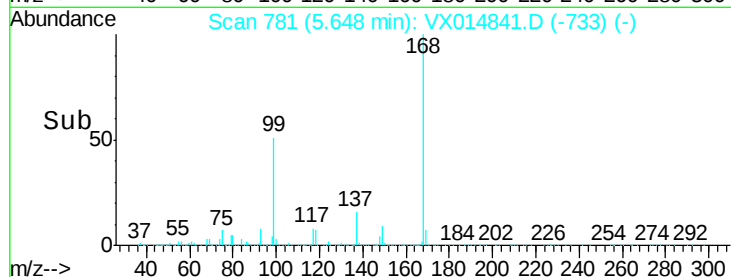
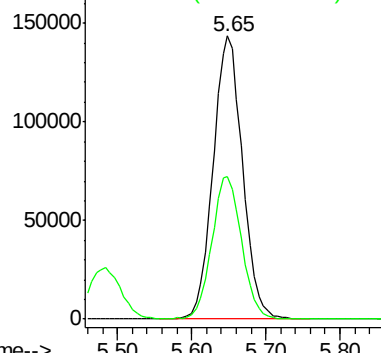
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.340 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014841.D

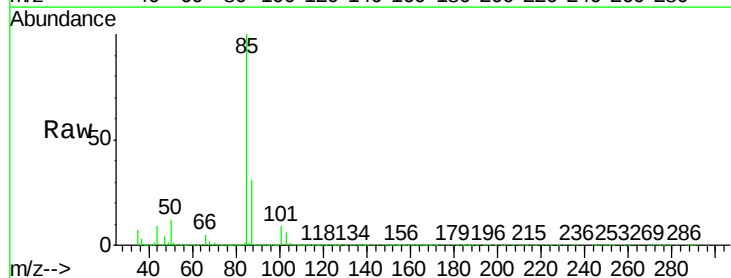
Acq: 06 Feb 2020 12:31

Tgt Ion: 85 Resp: 90674

Ion Ratio Lower Upper

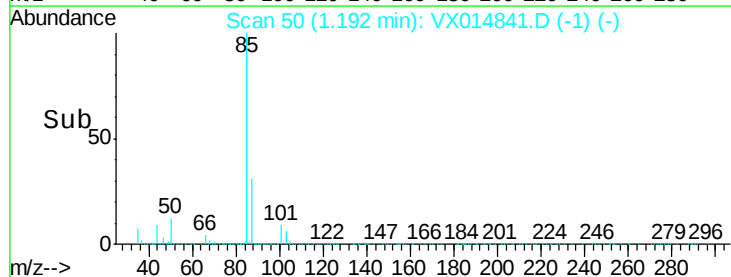
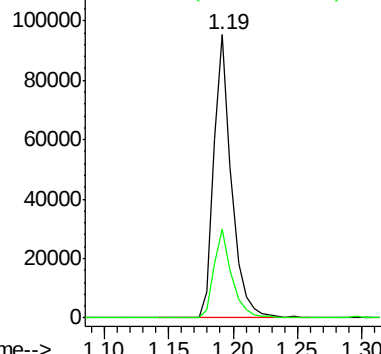
85 100

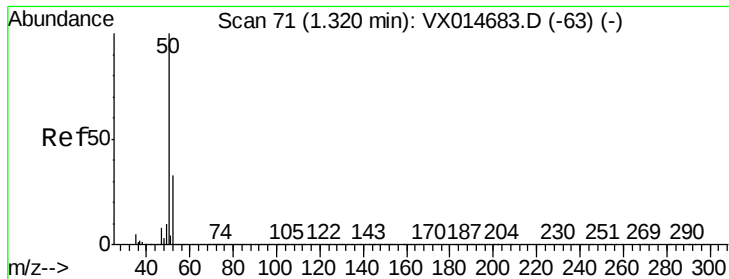
87 31.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.410 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0206MBS01

Tot Ion: 50 Resp: 88274

Ion Ratio Lower Upper

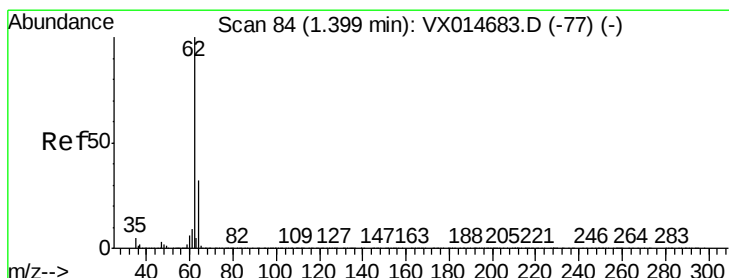
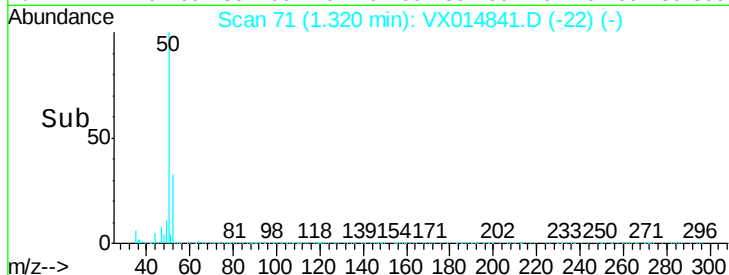
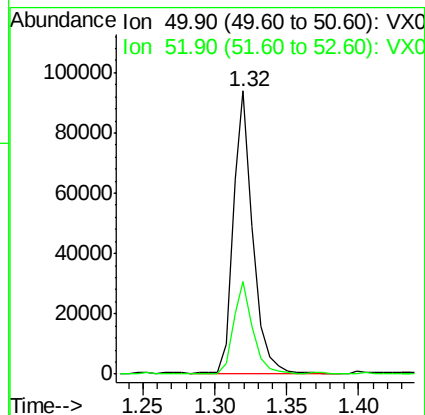
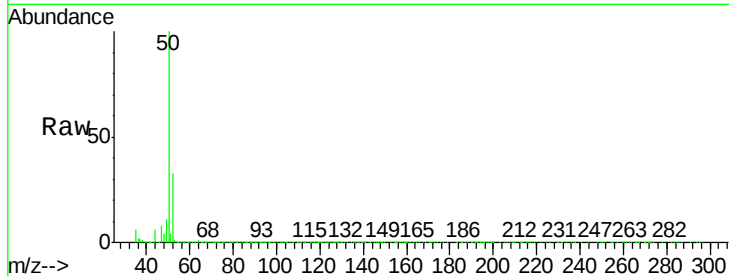
50 100

52 32.8 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.837 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014841.D

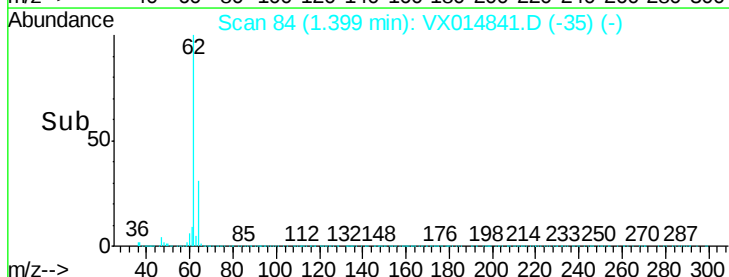
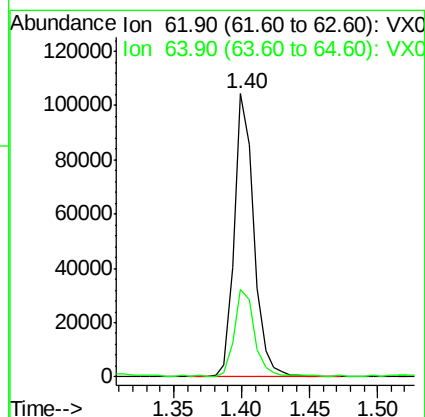
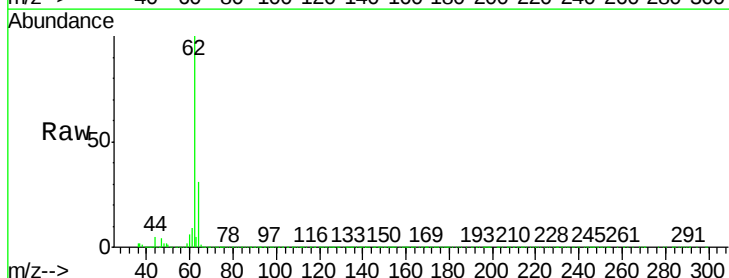
Acq: 06 Feb 2020 12:31

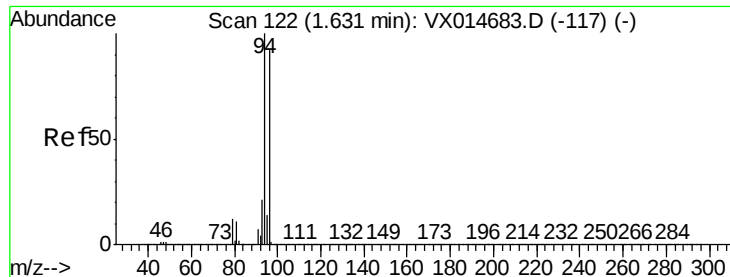
Tgt Ion: 62 Resp: 103743

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.2





#5

Bromomethane

Concen: 16.869 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 66643

Ion Ratio Lower Upper

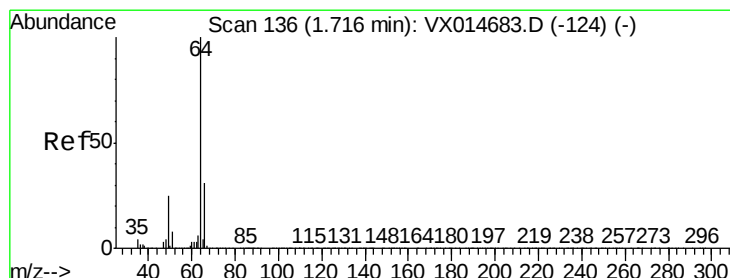
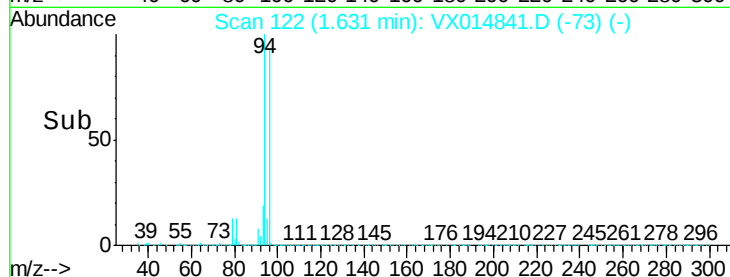
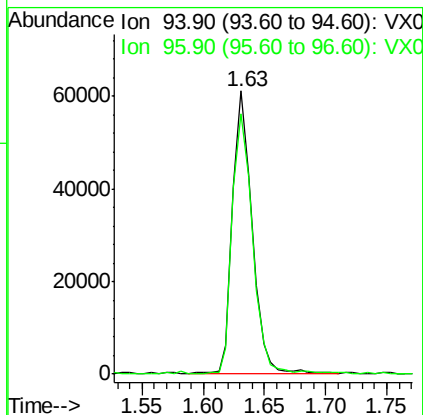
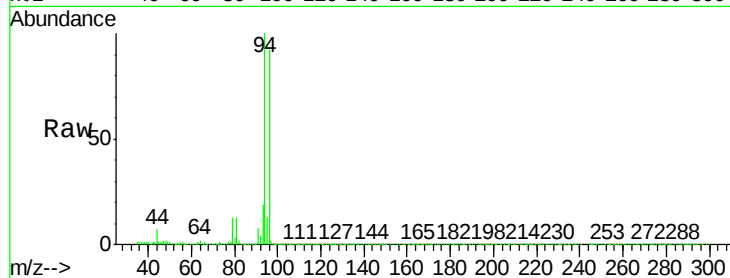
94 100

96 92.0 74.7 112.1

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#6

Chloroethane

Concen: 16.625 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014841.D

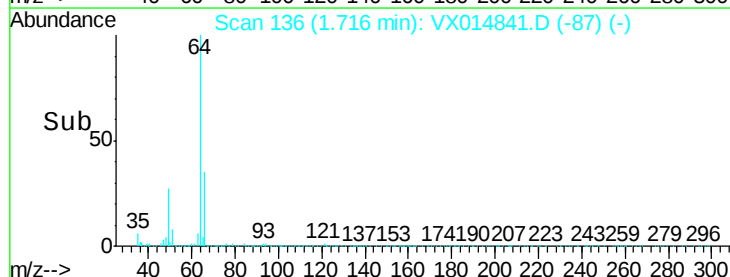
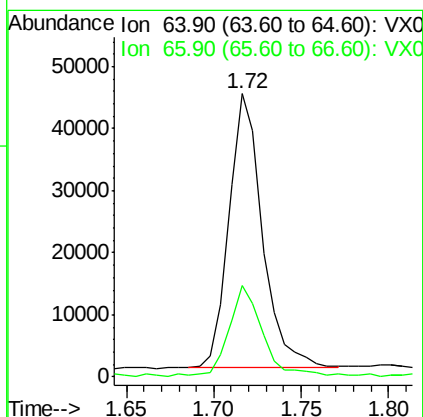
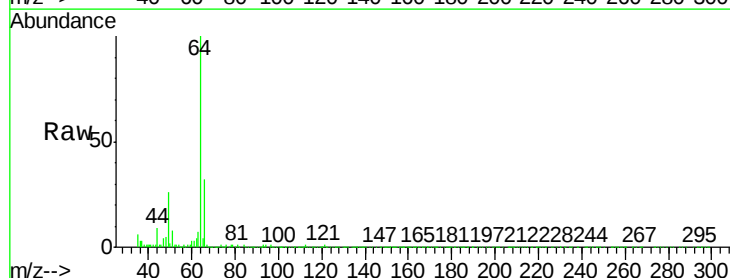
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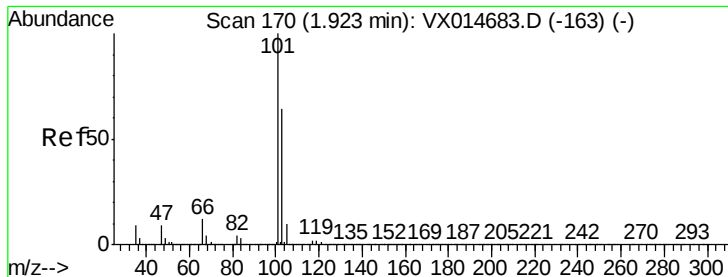
Tgt Ion: 64 Resp: 58396

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

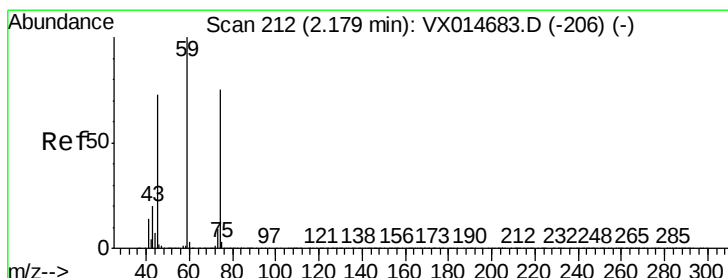
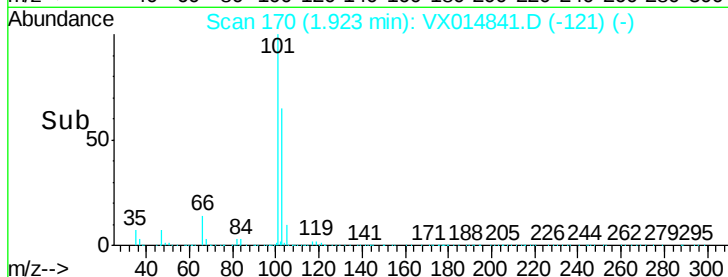
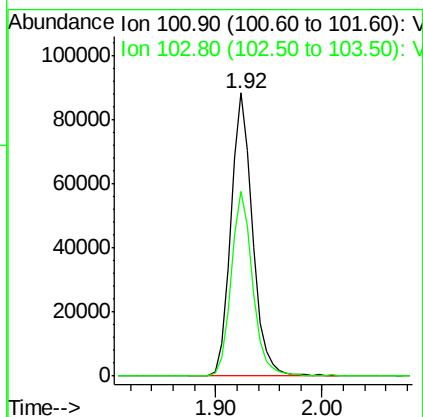
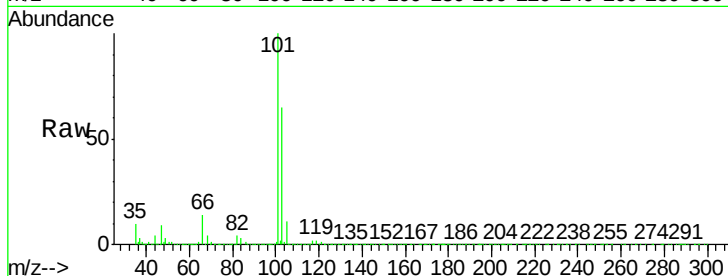
Trichlorofluoromethane
Concen: 18.544 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.0	76.6

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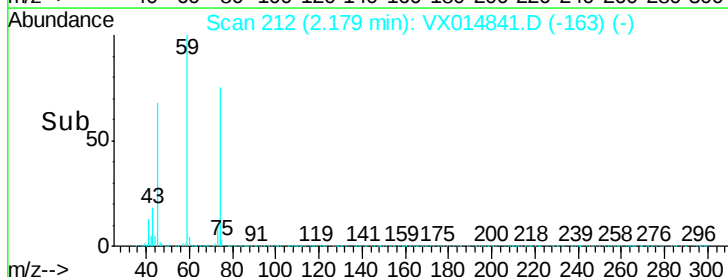
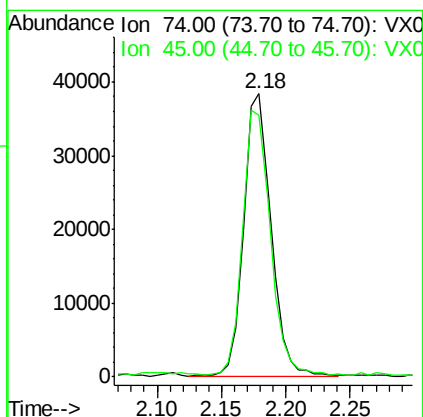
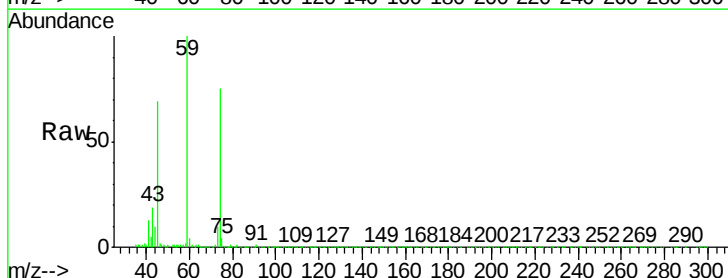
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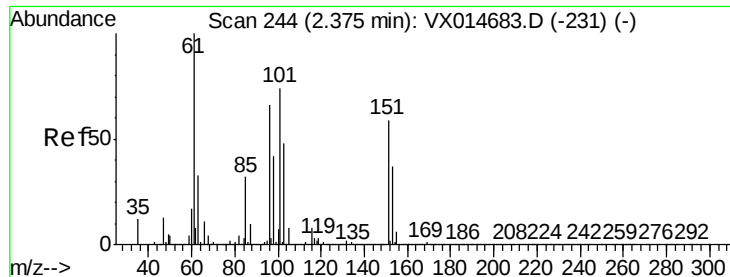


#8

Diethyl Ether
Concen: 18.721 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.889 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

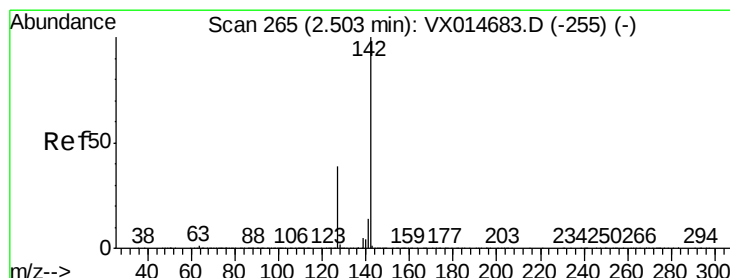
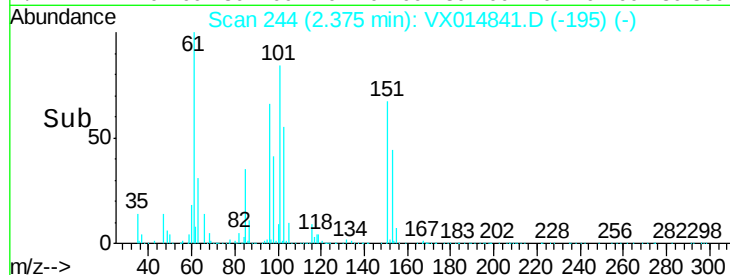
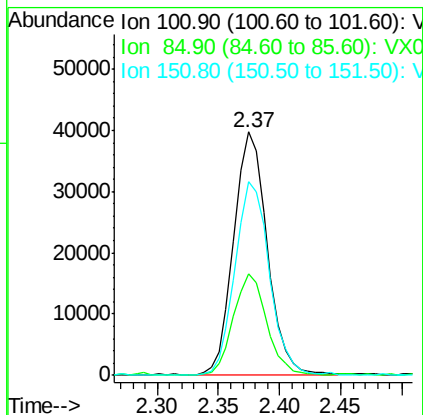
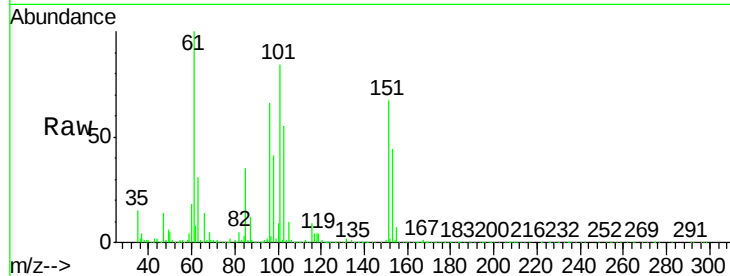
ClientSampleId :

VX0206MBS01

Tot Ion:	101	Resp:	75095
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.7	52.1
151	82.8	64.7	97.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:41 AM



#10

Methyl Iodide

Concen: 18.047 ug/l

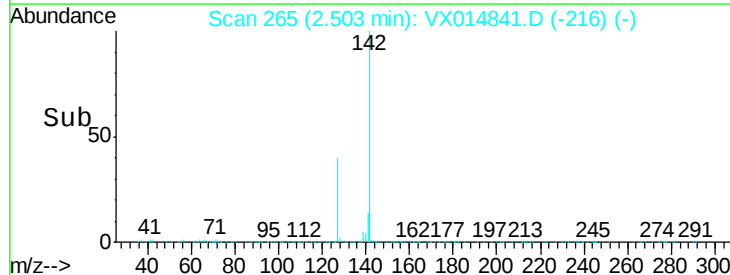
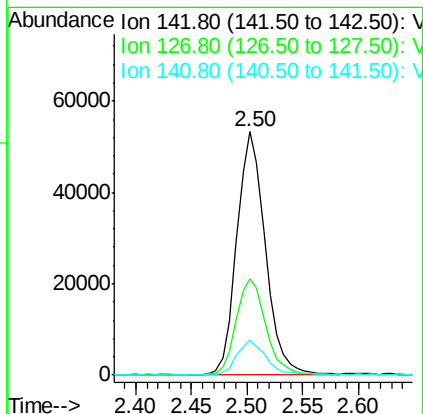
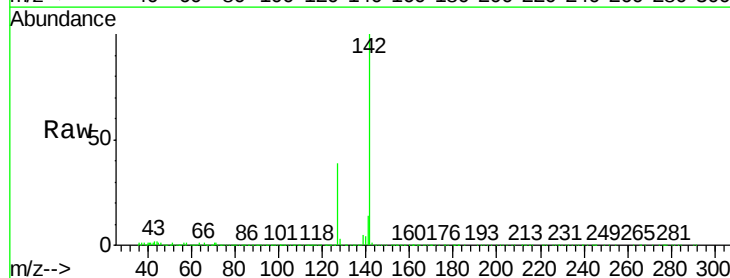
RT: 2.50 min Scan# 265

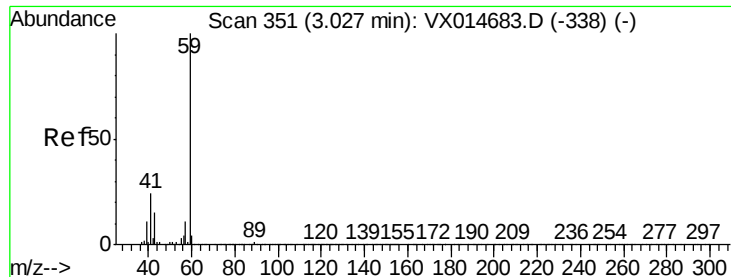
Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	142	Resp:	94144
Ion Ratio	Lower	Upper	
142	100		
127	42.0	31.1	46.7
141	15.3	11.3	16.9





#11

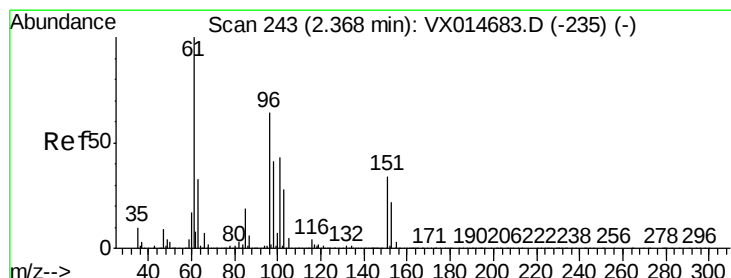
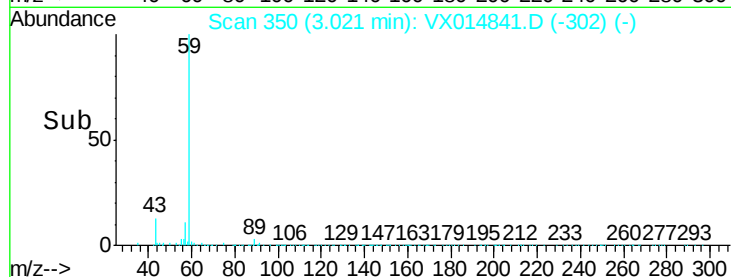
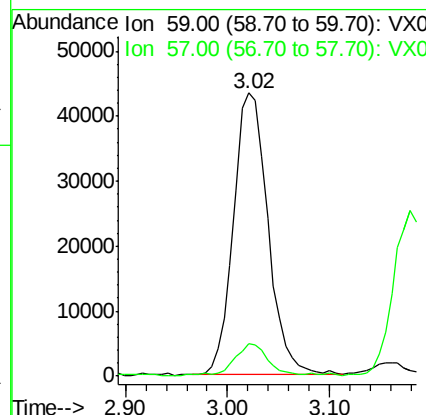
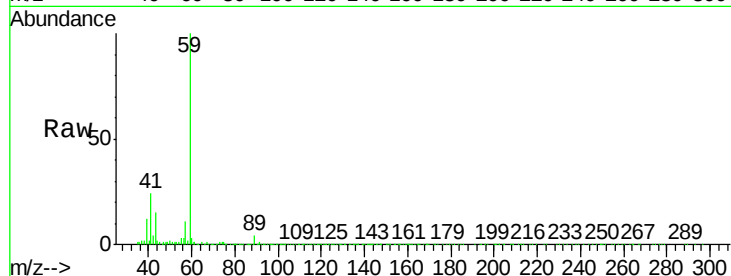
Tert butyl alcohol
Concen: 97.686 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.3	12.5

Manual Integrations
APPROVED

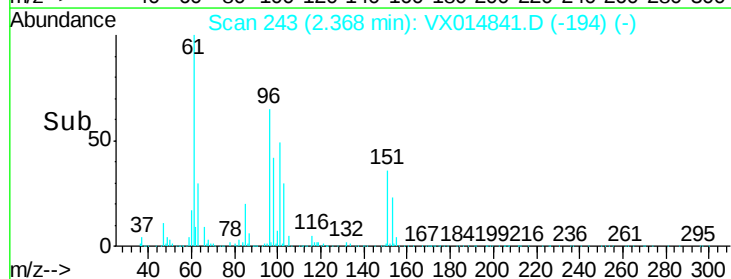
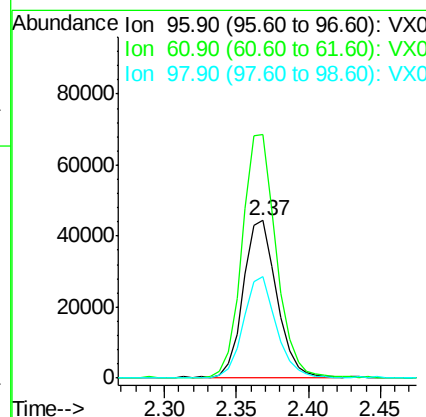
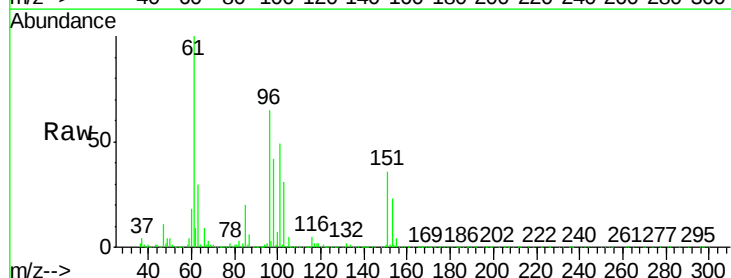
MMDadoda
2/7/2020 11:44:41 AM

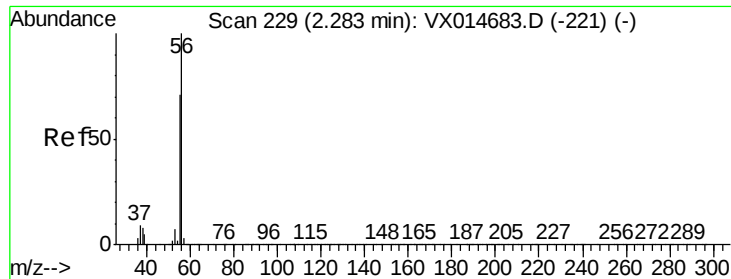


#12

1,1-Dichloroethene
Concen: 17.988 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	125.8	188.8
98	64.3	51.5	77.3





#13

Acrolein

Concen: 77.543 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 56 Resp: 63738

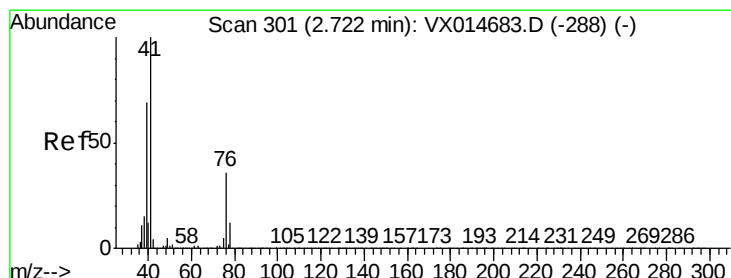
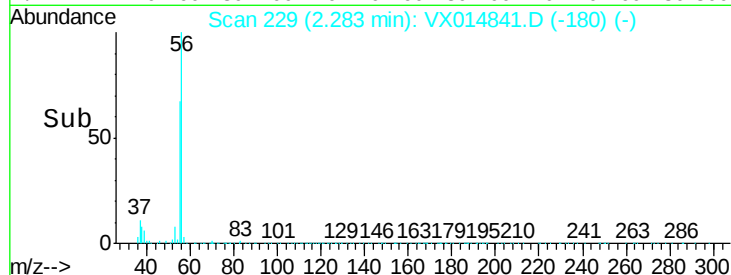
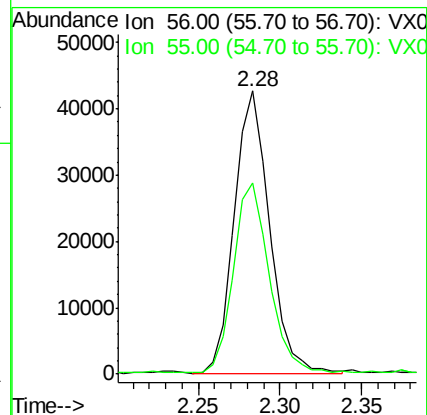
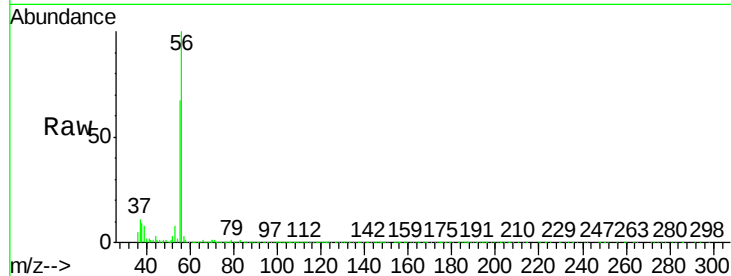
Ion Ratio Lower Upper

56 100

55 68.4 56.6 84.8

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#14

Allyl chloride

Concen: 18.339 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

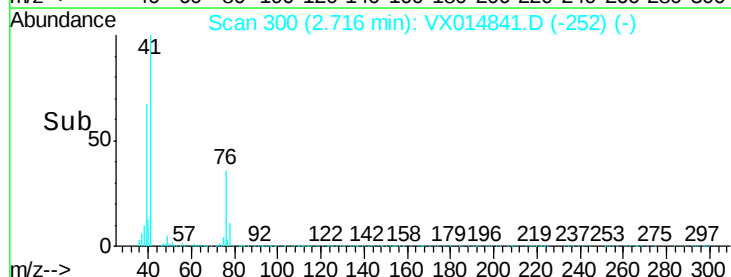
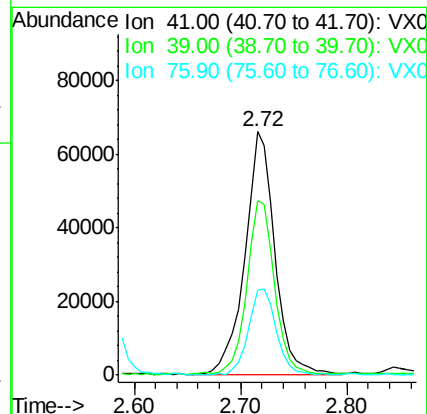
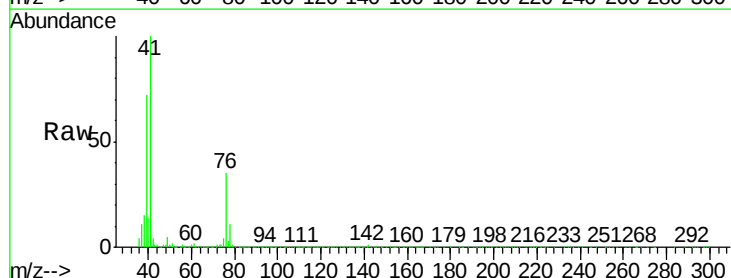
Tgt Ion: 41 Resp: 130298

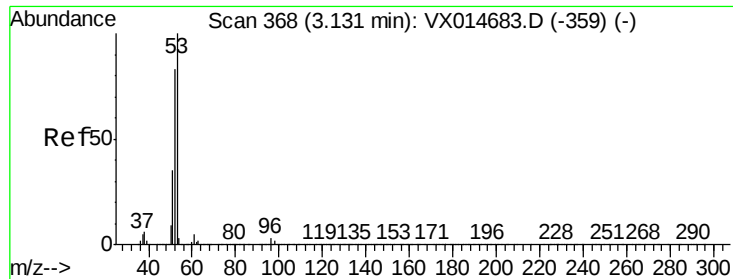
Ion Ratio Lower Upper

41 100

39 65.9 52.0 78.0

76 32.1 26.0 39.0





#15

Acrylonitrile

Concen: 95.953 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

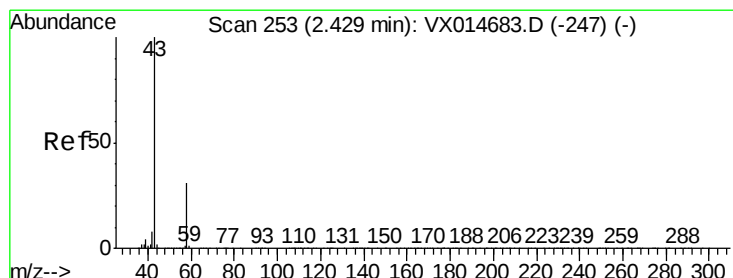
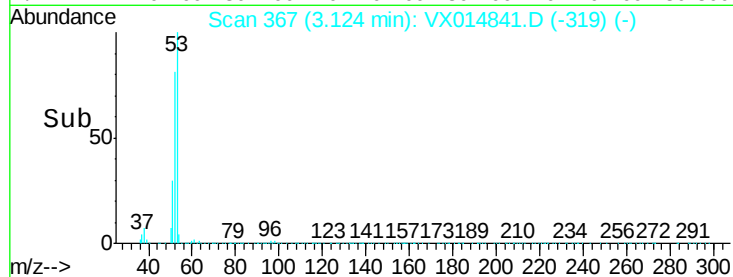
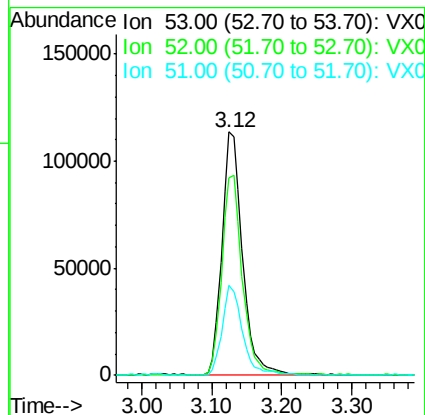
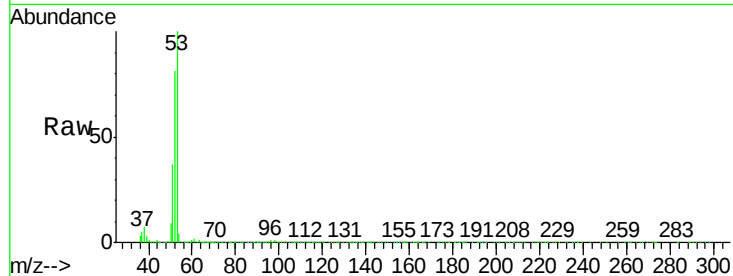
ClientSampleId :

VX0206MBS01

Tot Ion:	53	Resp:	231443
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	36.9	28.7	43.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:41 AM



#16

Acetone

Concen: 97.404 ug/l

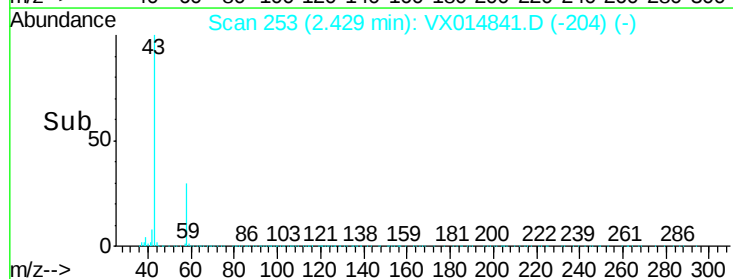
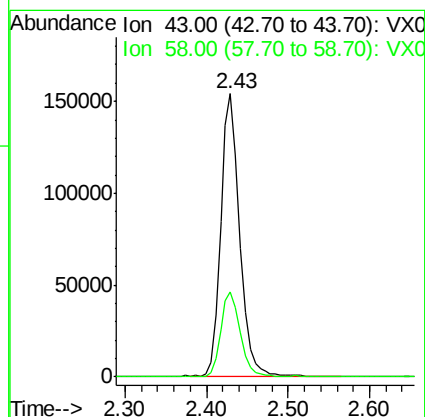
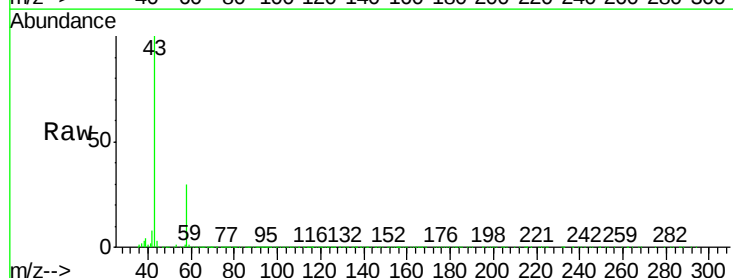
RT: 2.43 min Scan# 253

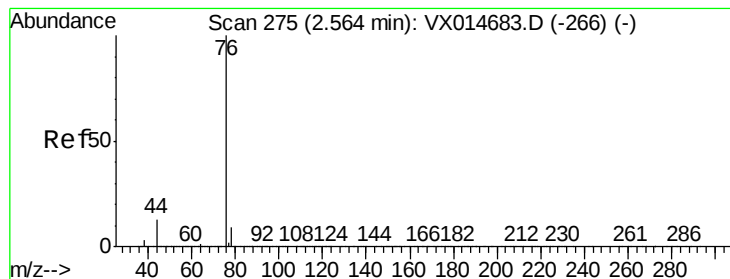
Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	43	Resp:	247646
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.5	36.7





#17

Carbon Disulfide

Concen: 15.635 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 76 Resp: 168914

Ion Ratio Lower Upper

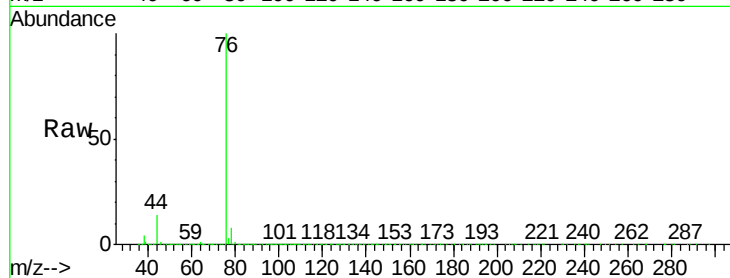
76 100

78 8.3 7.2 10.8

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

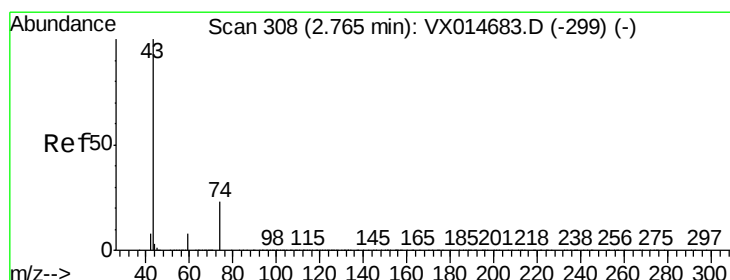
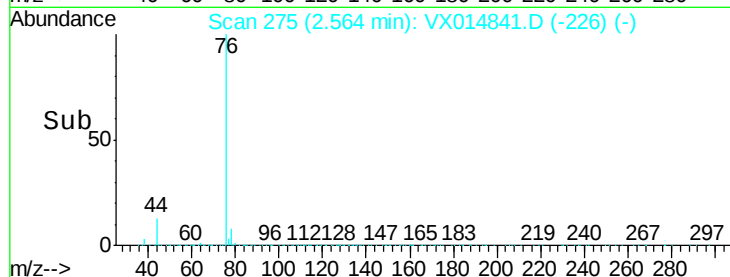
40000

20000

0

2.56

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.838 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014841.D

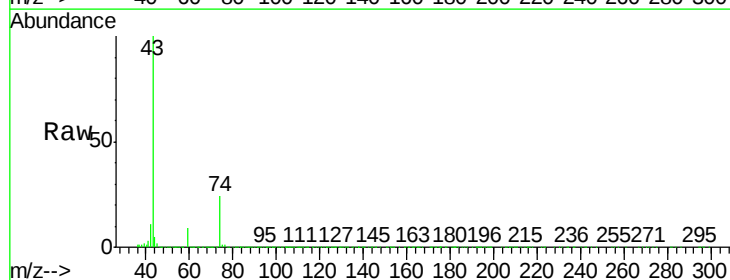
Acq: 06 Feb 2020 12:31

Tgt Ion: 43 Resp: 144105

Ion Ratio Lower Upper

43 100

74 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

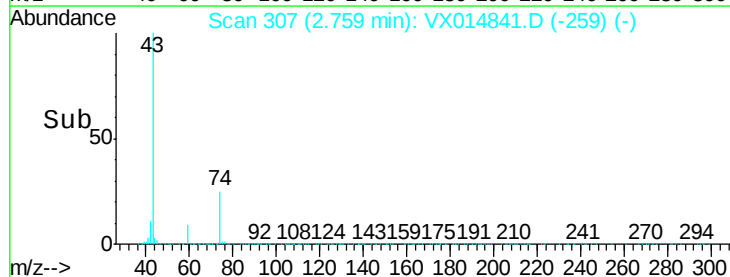
40000

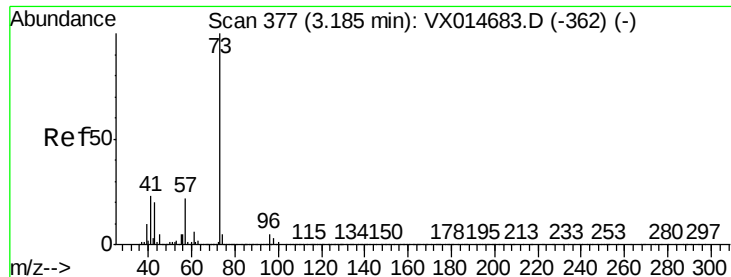
20000

0

2.76

Time--> 2.60 2.70 2.80





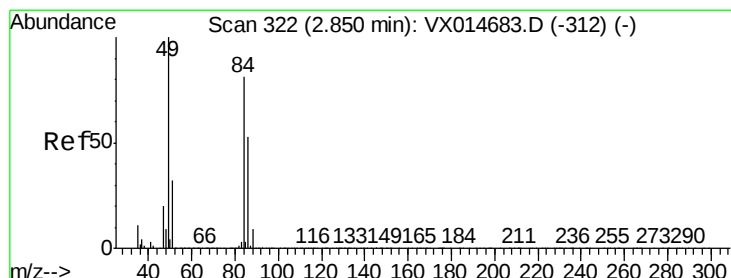
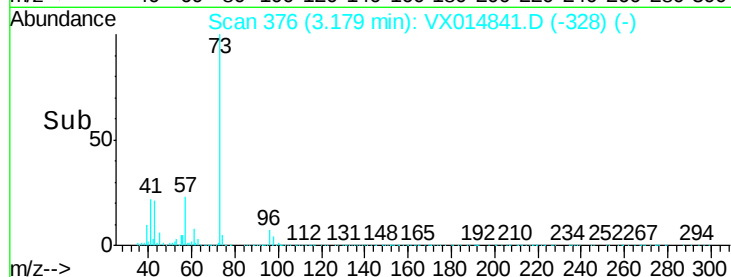
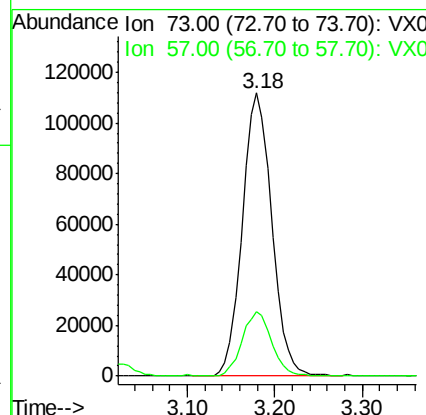
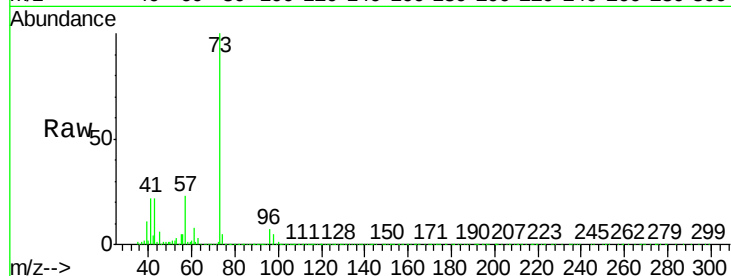
#19
Methvl tert-butvl Ether
Concen: 20.206 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion: 73 Resp: 261603
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0

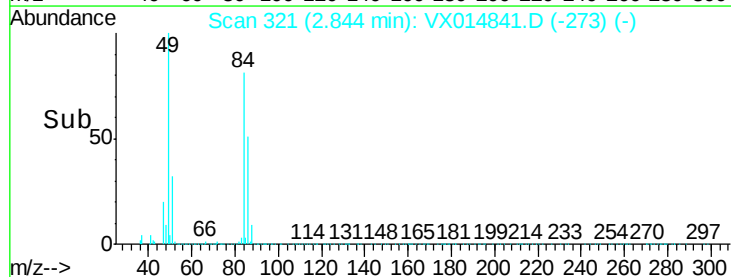
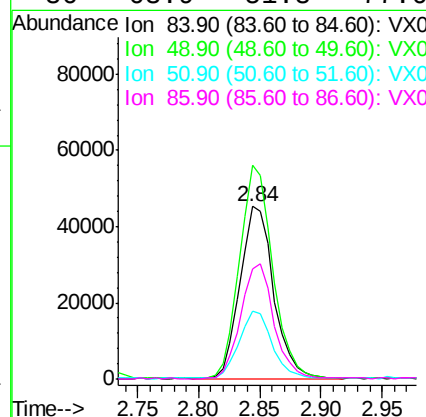
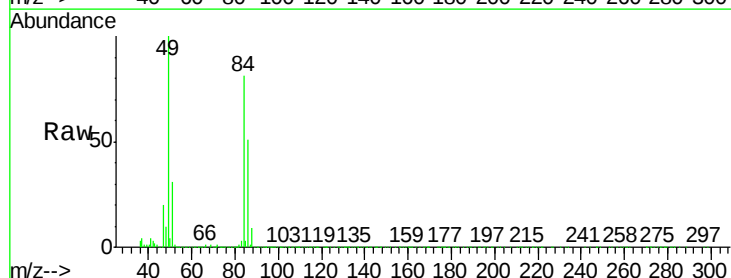
Manual Integrations
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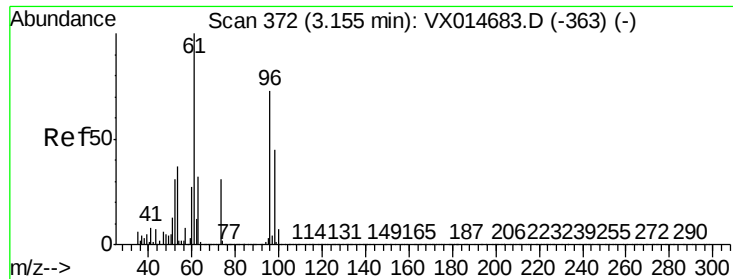
MMDadoda
2/7/2020 11:44:41 AM



#20
Methylene Chloride
Concen: 18.224 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion: 84 Resp: 85816
Ion Ratio Lower Upper
84 100
49 123.5 98.2 147.4
51 38.7 31.3 46.9
86 63.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.192 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

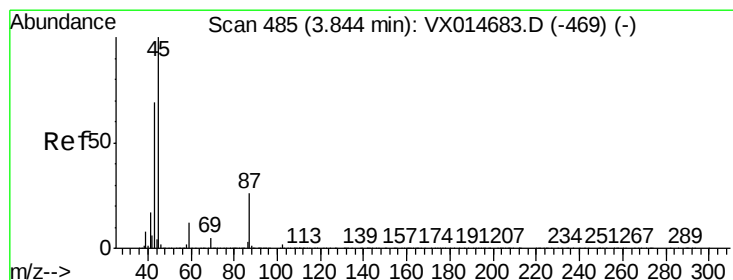
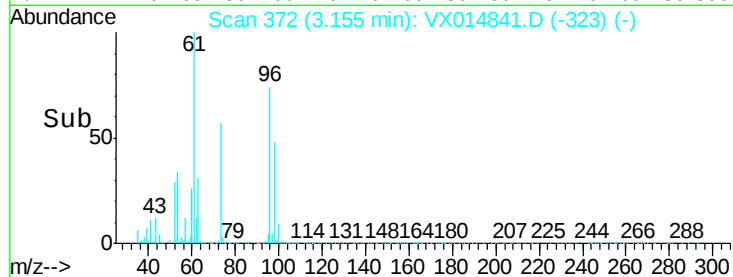
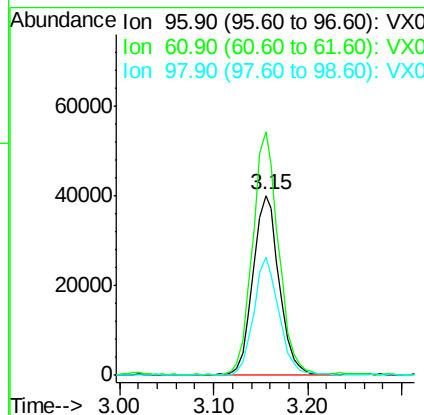
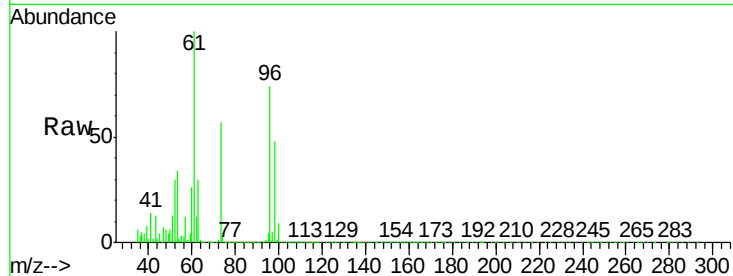
ClientSampleId :

VX0206MBS01

Tot Ion:	96	Resp:	79177
Ion Ratio	Lower	Upper	
96	100		
61	135.6	109.8	164.6
98	65.4	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#22

Diisopropyl ether

Concen: 19.735 ug/l

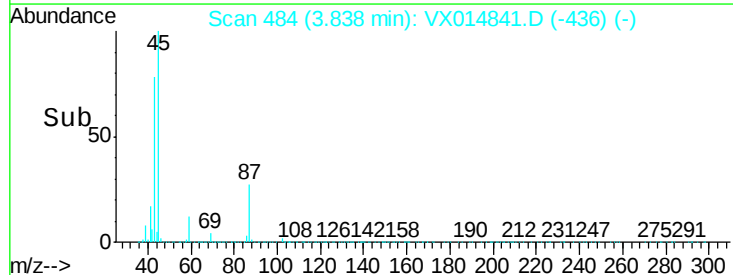
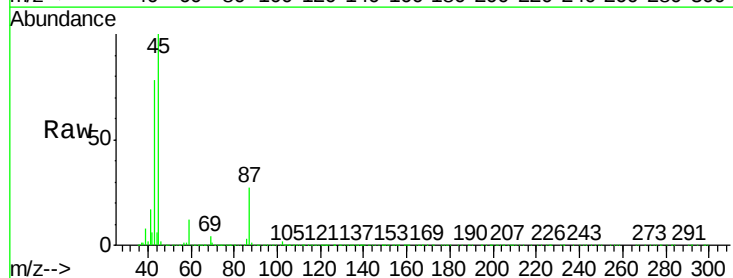
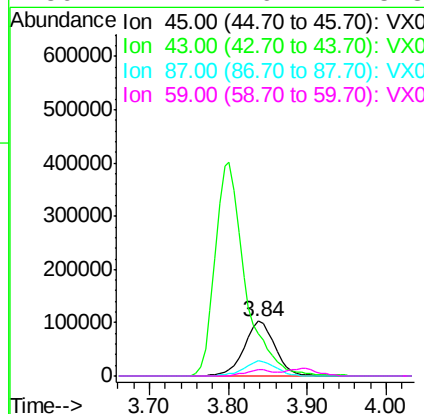
RT: 3.84 min Scan# 484

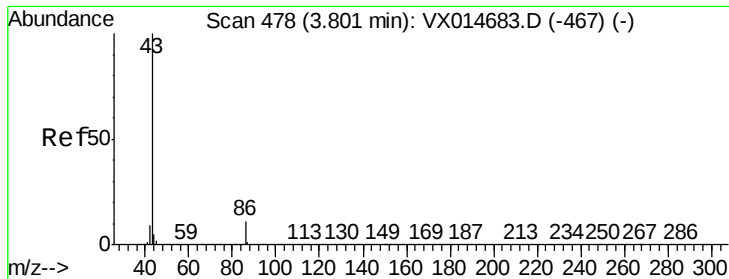
Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	45	Resp:	278968
Ion Ratio	Lower	Upper	
45	100		
43	77.0	55.1	82.7
87	27.1	20.7	31.1
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 99.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0206MBS01

Tot Ion: 43 Resp: 1069097

Ion Ratio Lower Upper

43 100

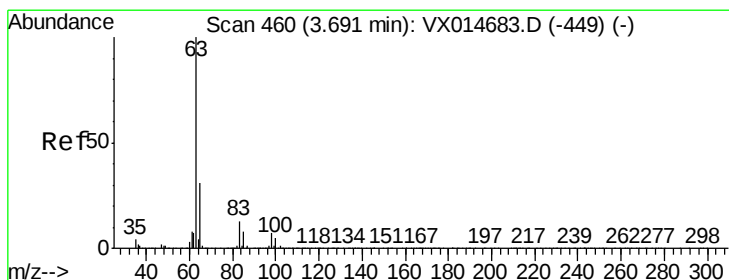
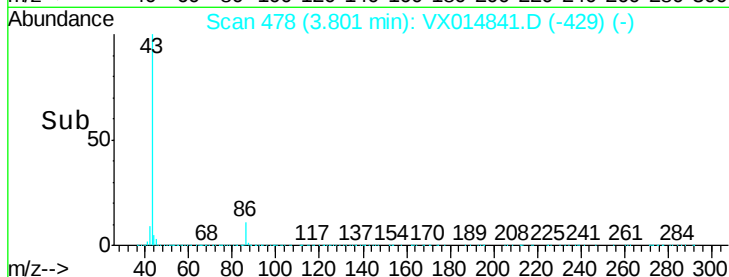
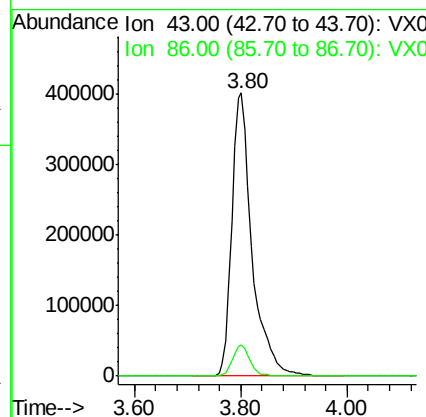
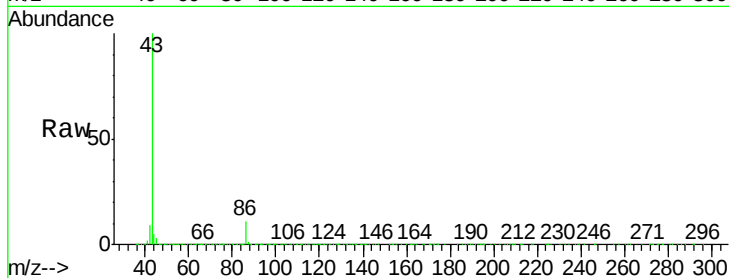
86 11.1 8.4 12.6

Manual Integrations

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MMDadoda

2/7/2020 11:44:41 AM



#24

1,1-Dichloroethane

Concen: 19.076 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

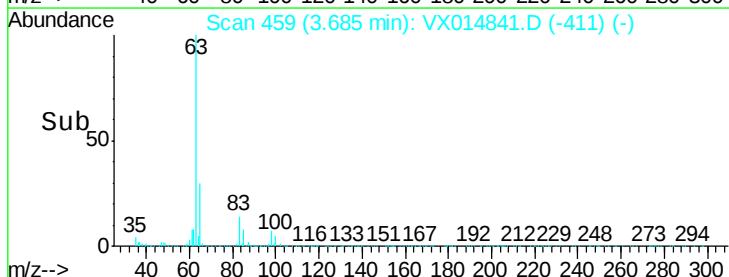
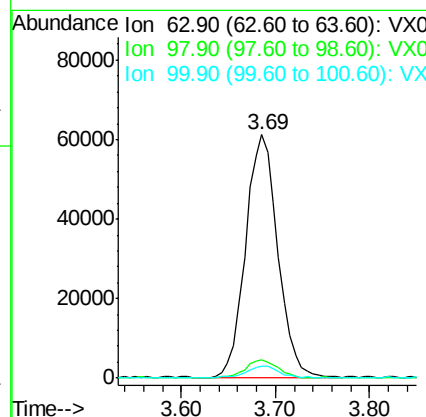
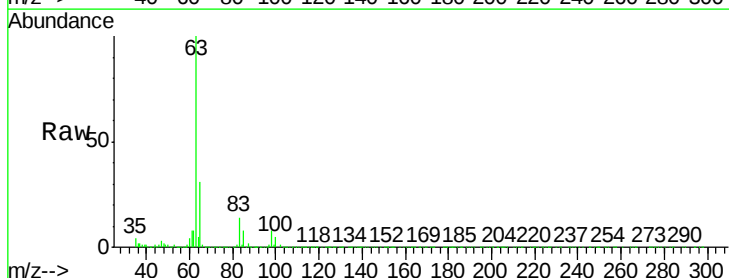
Tgt Ion: 63 Resp: 146436

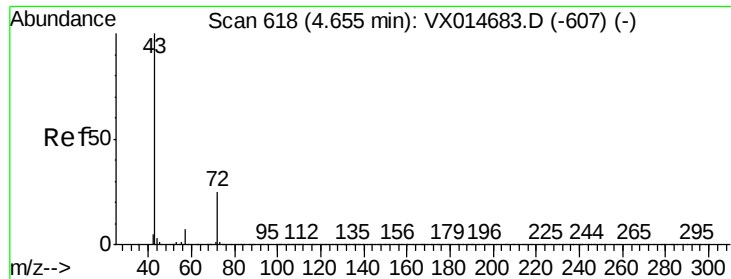
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 93.506 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0206MBS01

Tot Ion: 43 Resp: 340938

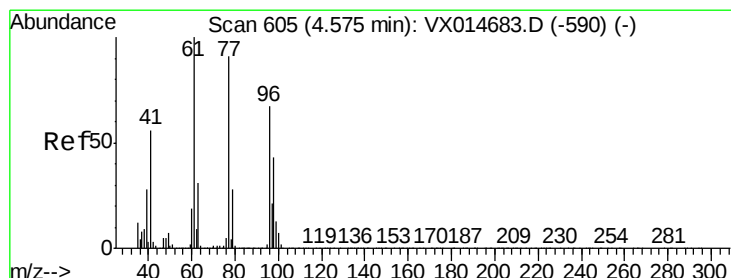
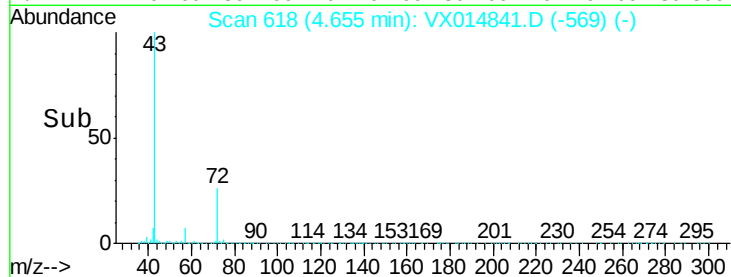
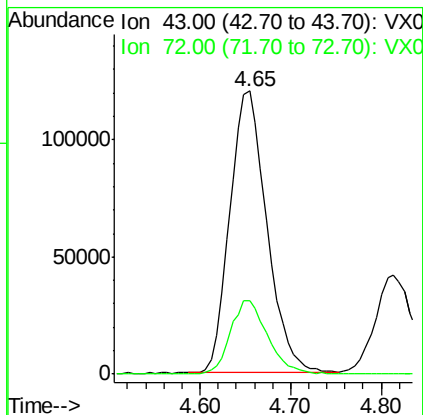
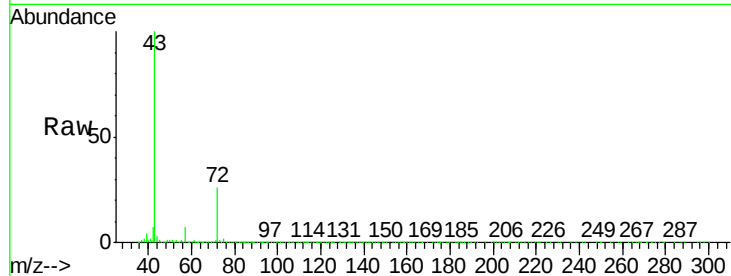
Ion Ratio Lower Upper

43 100

72 25.9 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 19.254 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014841.D

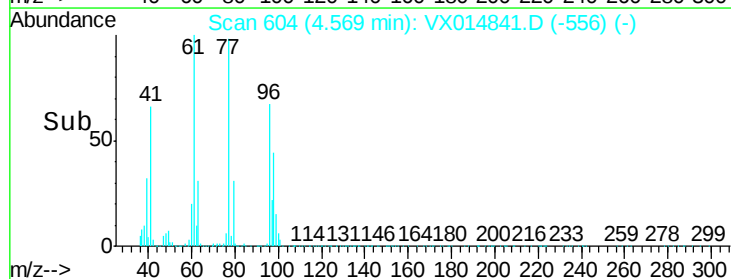
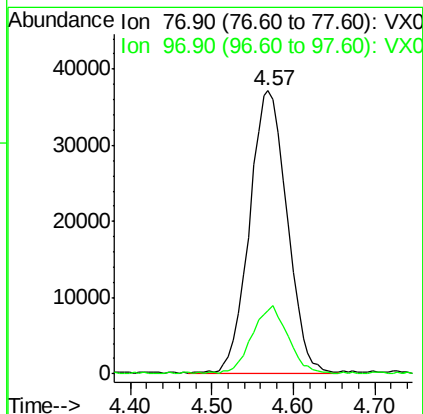
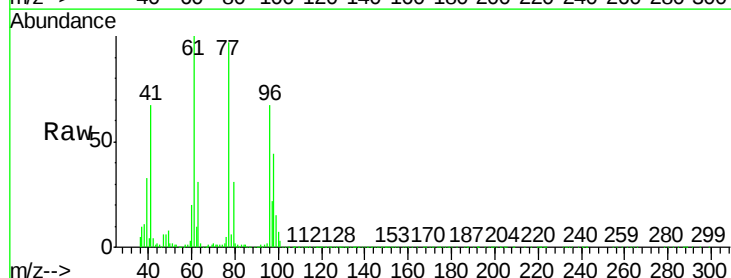
Acq: 06 Feb 2020 12:31

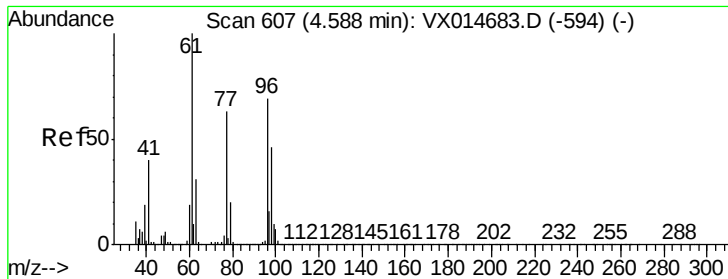
Tgt Ion: 77 Resp: 118308

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.3





#27

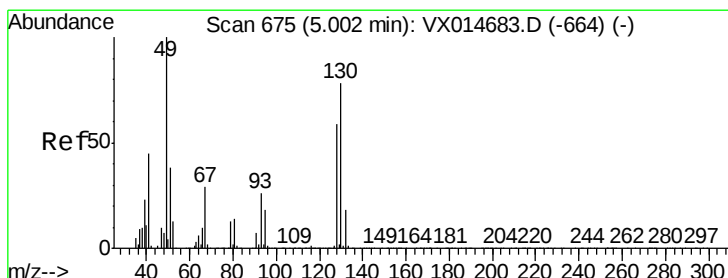
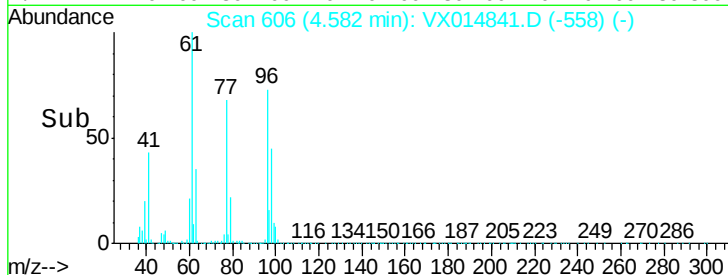
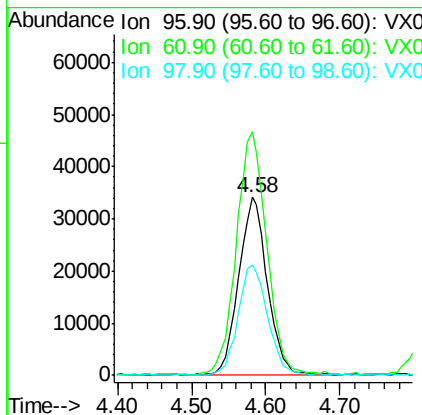
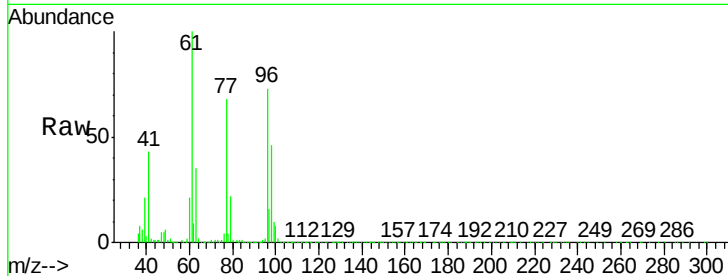
cis-1,2-Dichloroethene
Concen: 18.905 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	92087		
61	143.5	0.0	291.0	
98	64.5	0.0	129.8	

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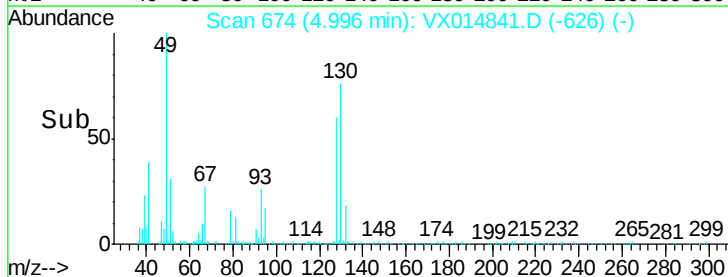
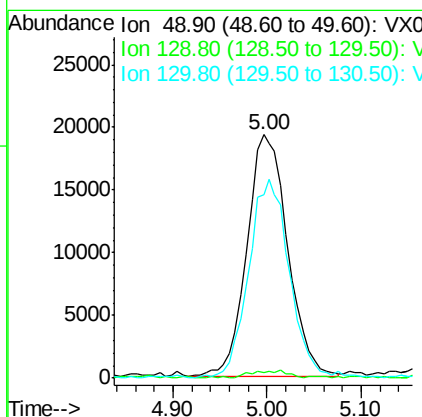
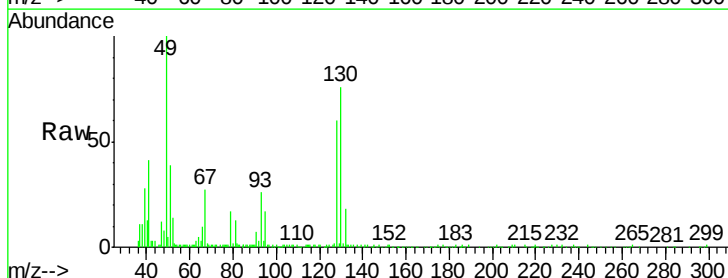
MMDadoda
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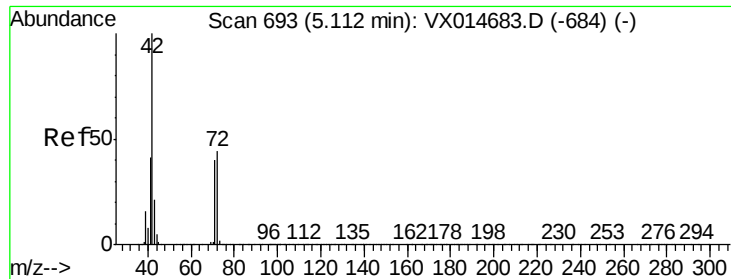


#28

Bromochloromethane
Concen: 17.396 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	58682		
129	2.8	0.0	4.8	
130	81.5	62.4	93.6	





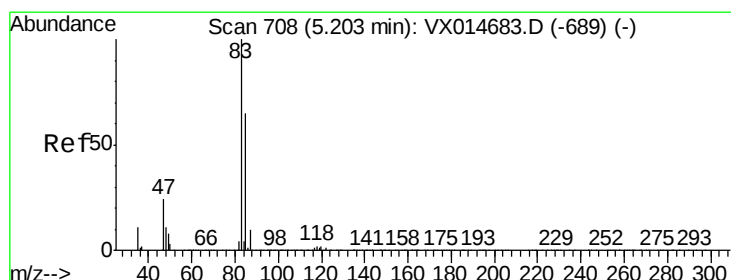
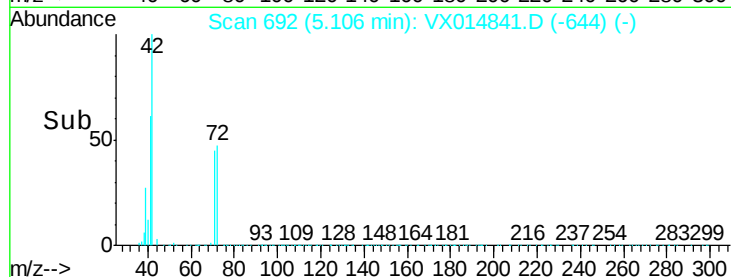
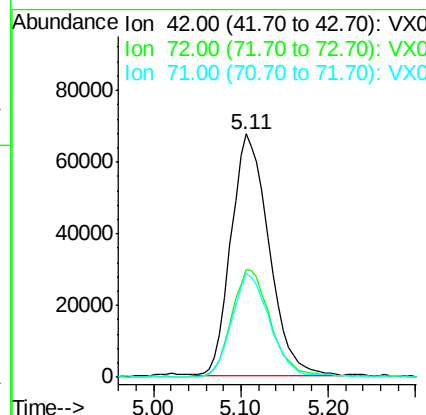
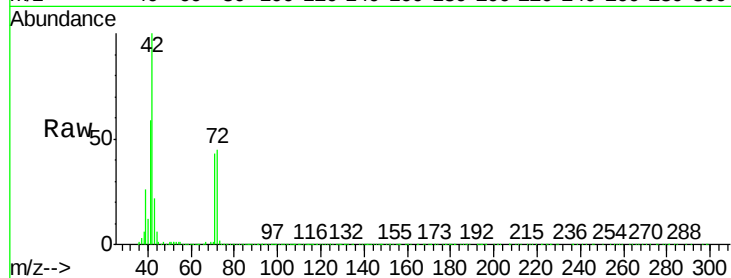
#29
Tetrahydrofuran
Concen: 93.932 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	43.1	33.1	49.7

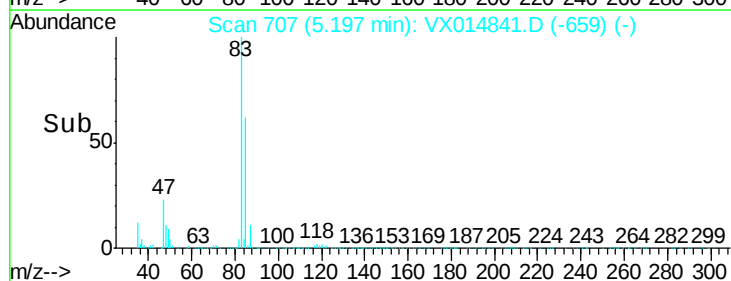
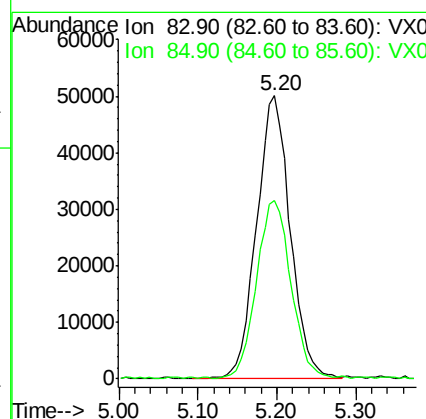
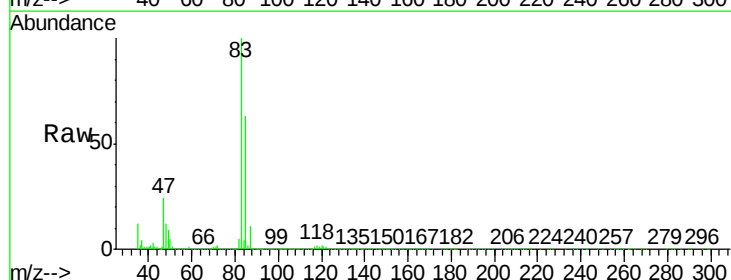
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APPROVED

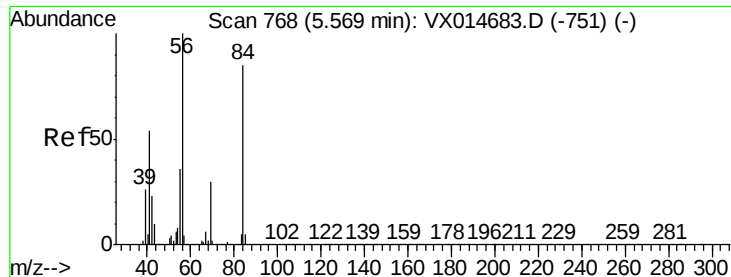
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#30
Chloroform
Concen: 19.471 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.7	77.5





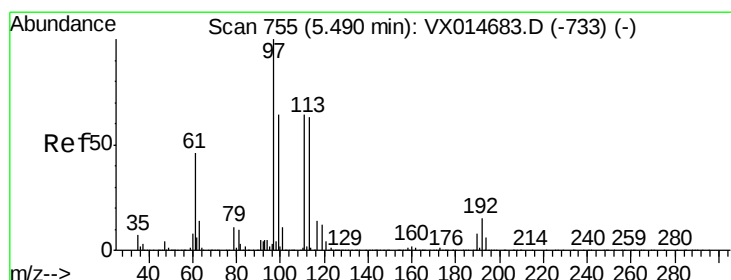
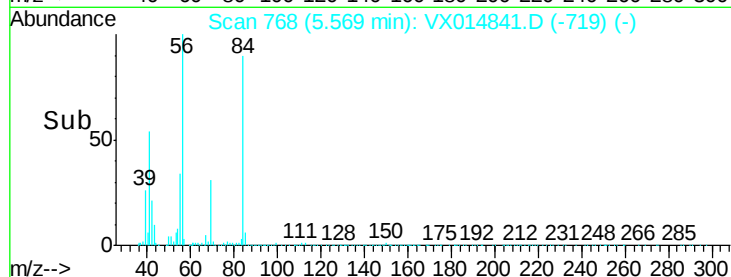
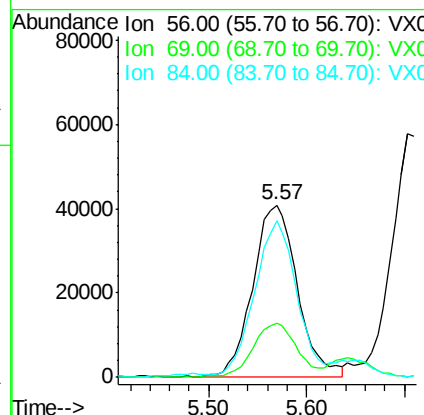
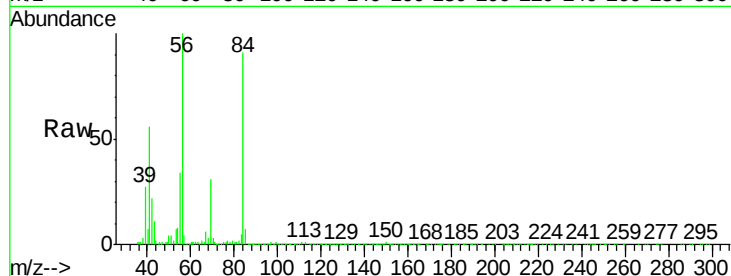
#31
Cyclohexane
Concen: 18.019 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.4	35.2
84	88.4	68.4	102.6

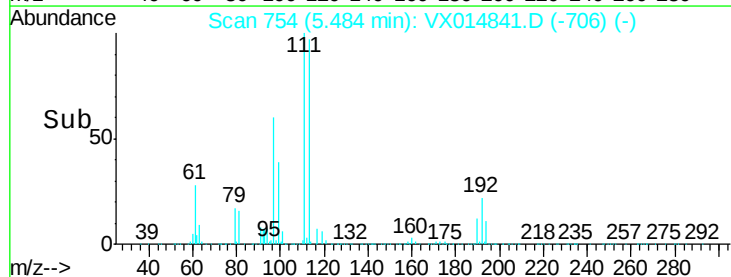
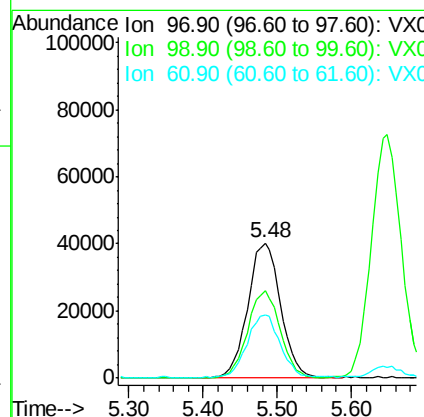
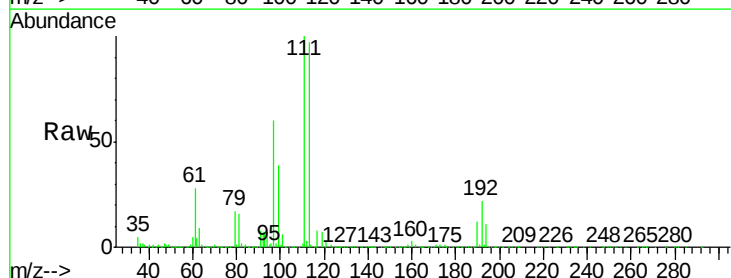
Manual Integrations
APPROVED

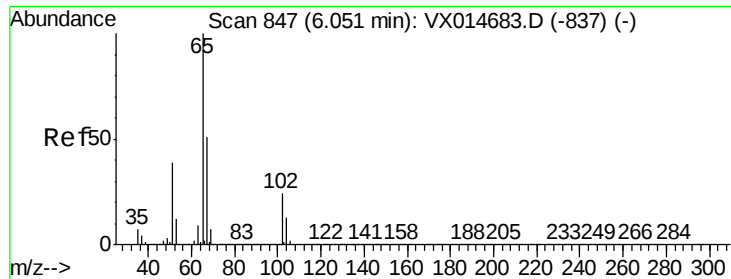
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#32
1,1,1-Trichloroethane
Concen: 19.272 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	48.4	37.2	55.8





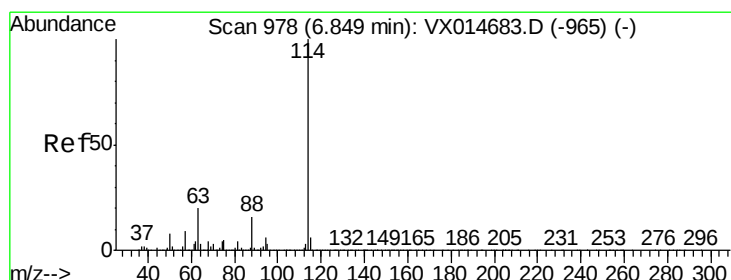
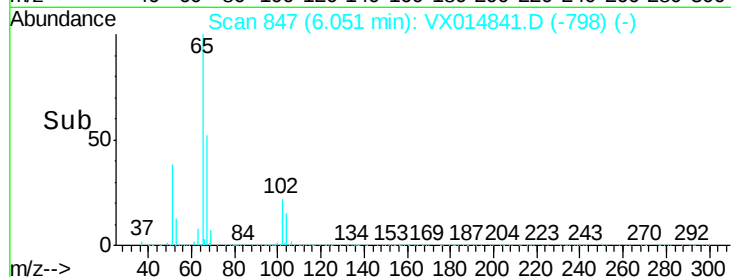
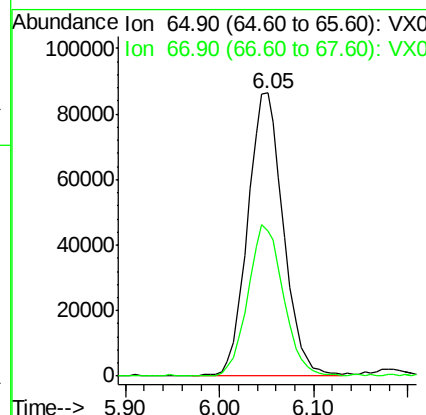
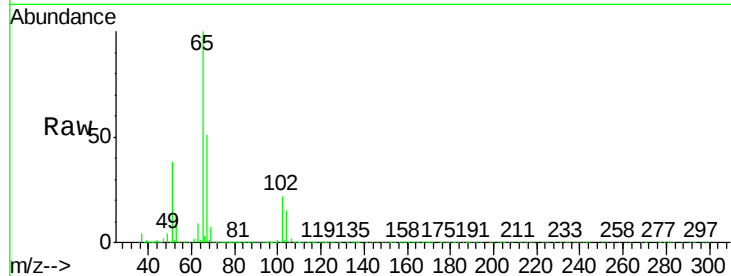
#33
 1,2-Dichloroethane-d4
 Concen: 49.159 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	107.4	

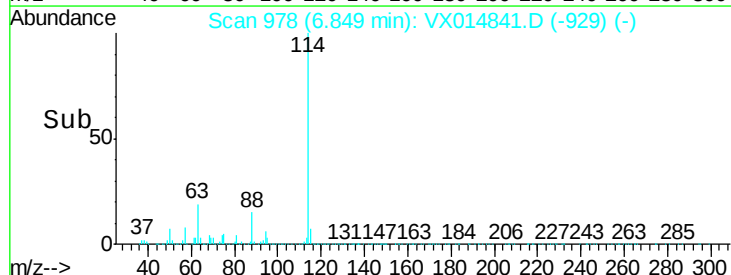
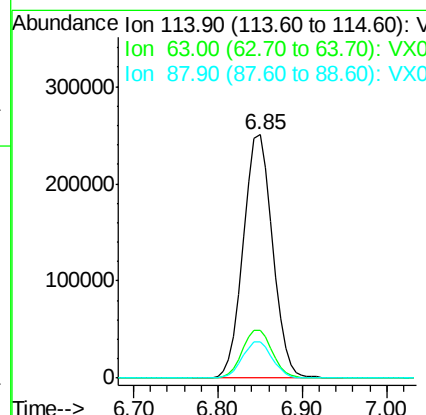
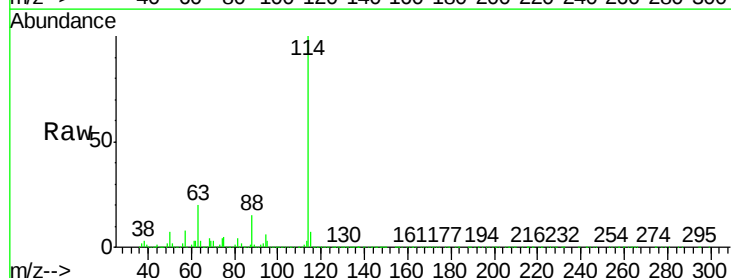
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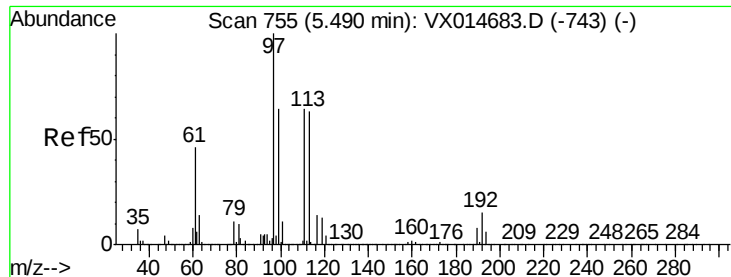
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 2/7/2020 11:44:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	40.6	
88	15.1	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

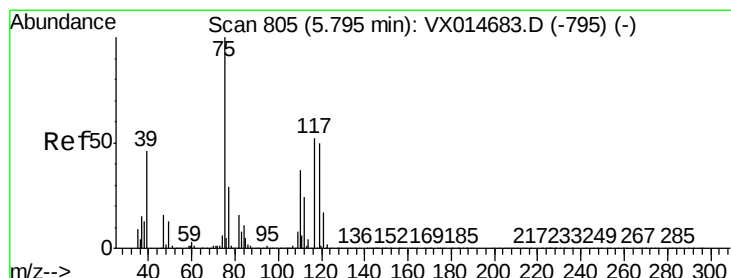
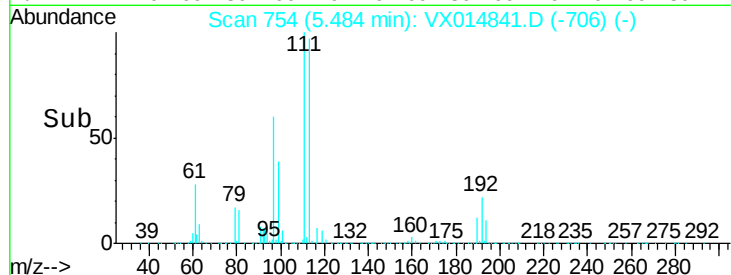
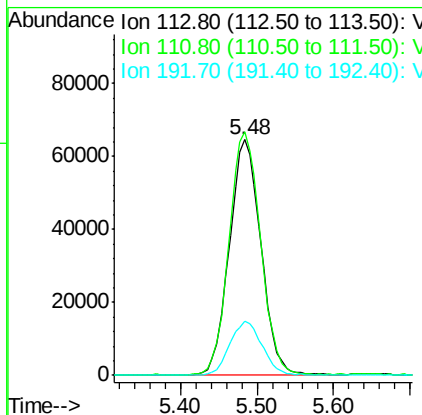
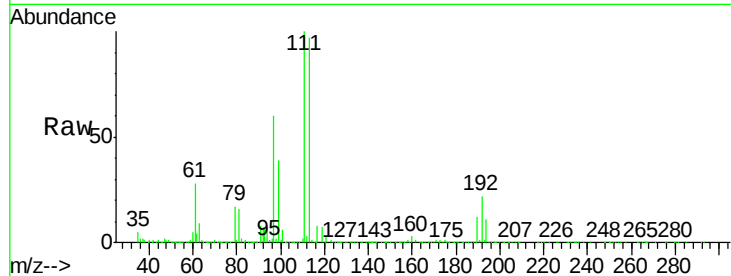
ClientSampleId :

VX0206MBS01

Tot Ion:	113	Resp:	184922
Ion Ratio	Lower	Upper	
113	100		
111	102.7	80.7	121.1
192	23.7	18.5	27.7

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2/7/2020 11:44:41 AM



#36

1,1-Dichloropropene

Concen: 19.131 ug/l

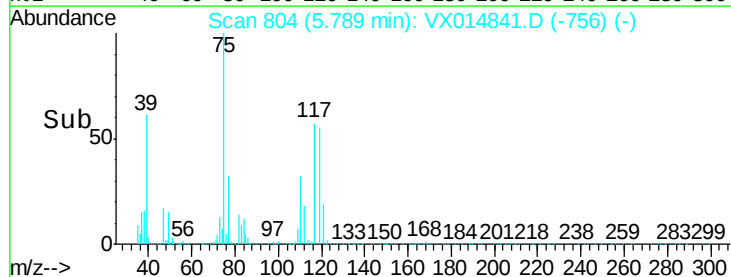
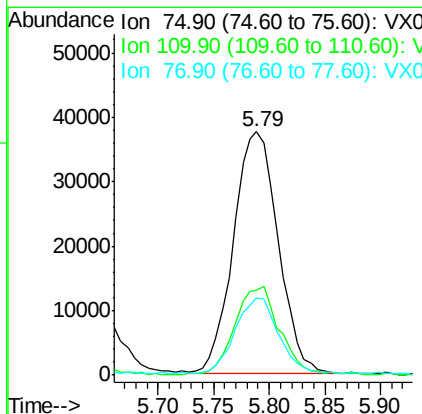
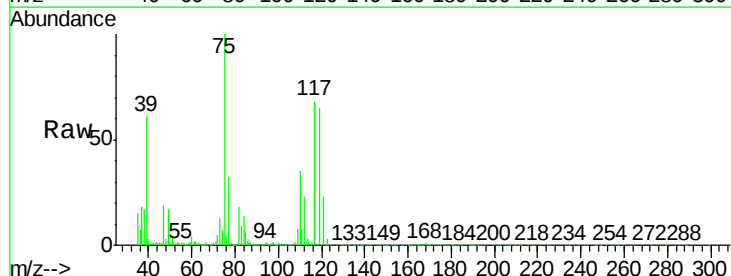
RT: 5.79 min Scan# 804

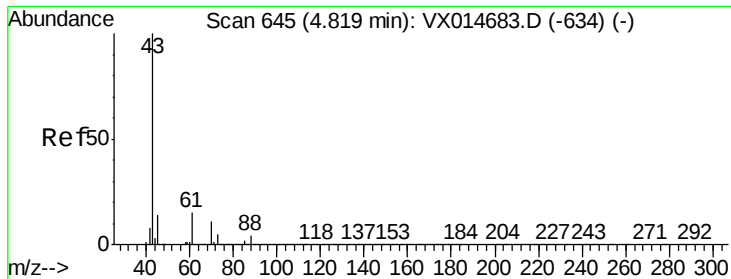
Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	75	Resp:	104477
Ion Ratio	Lower	Upper	
75	100		
110	37.5	17.9	53.7
77	30.1	24.1	36.1





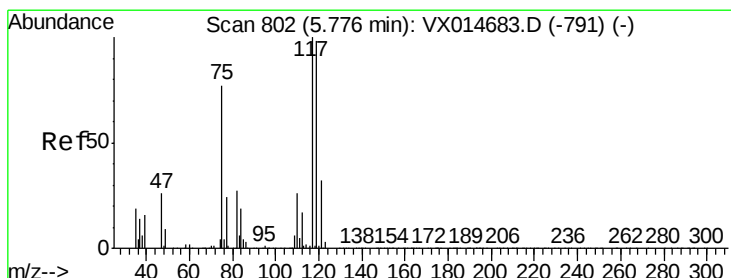
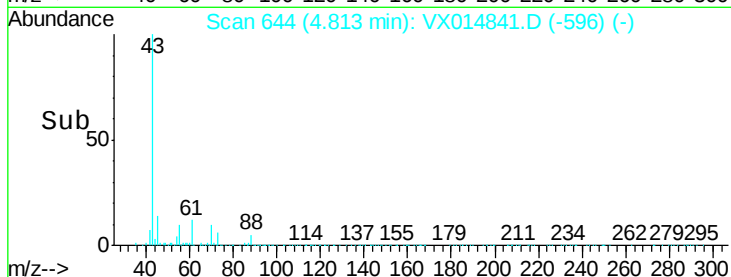
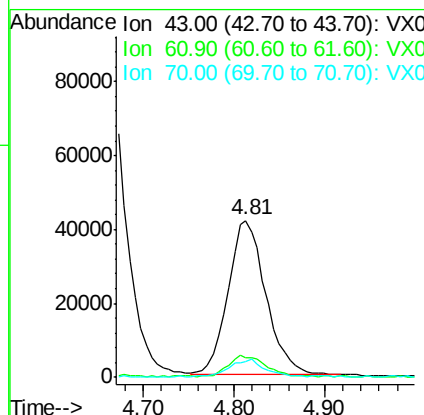
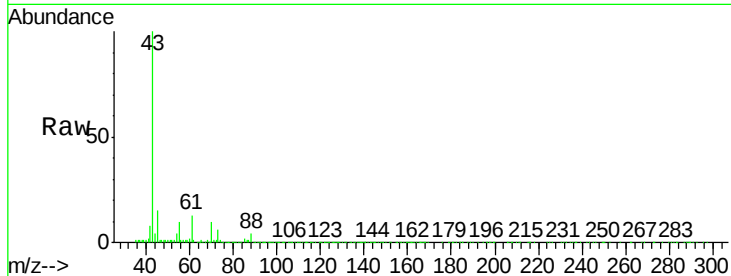
#37
Ethyl Acetate
Concen: 19.319 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	43	Resp	120840
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.0	16.4
70	11.4	8.5	12.7

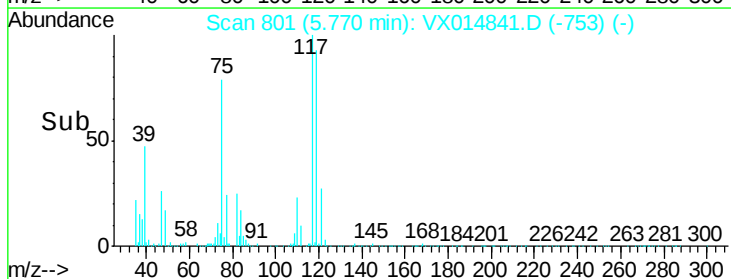
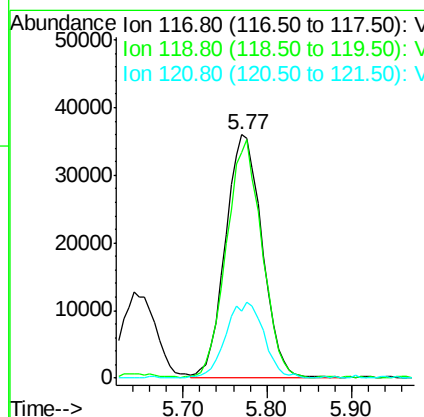
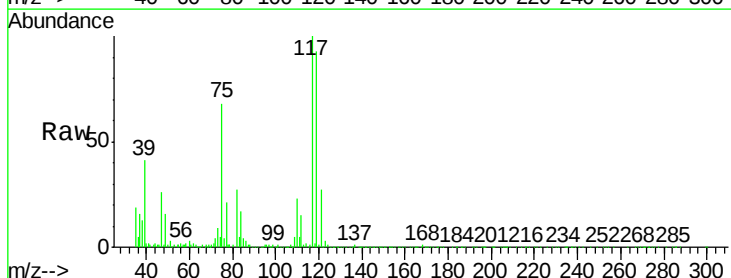
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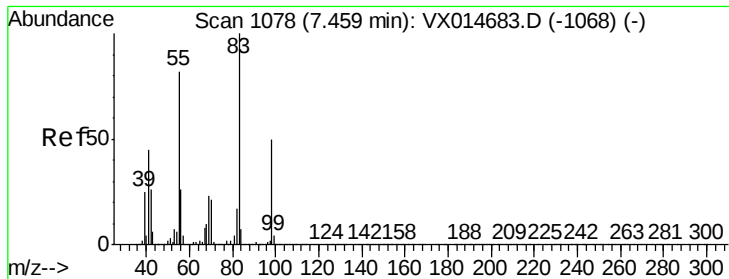
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#38
Carbon Tetrachloride
Concen: 20.279 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	117	Resp	105772
Ion Ratio	Lower	Upper	
117	100		
119	92.8	77.9	116.9
121	27.4	25.4	38.2





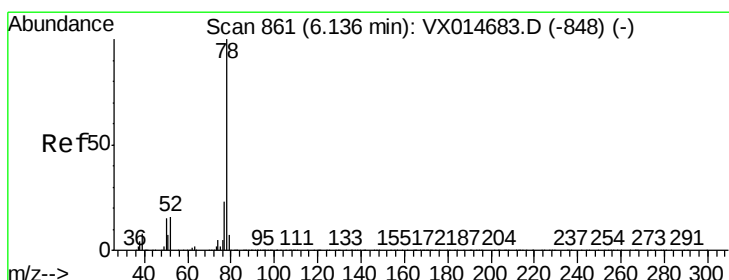
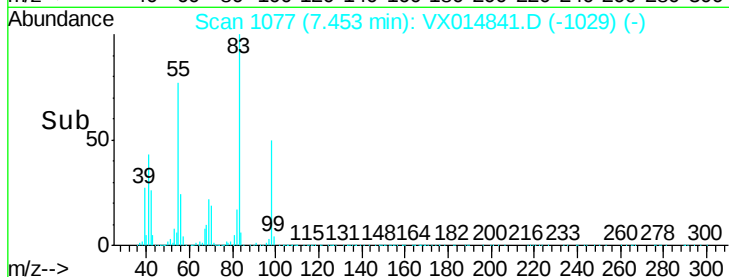
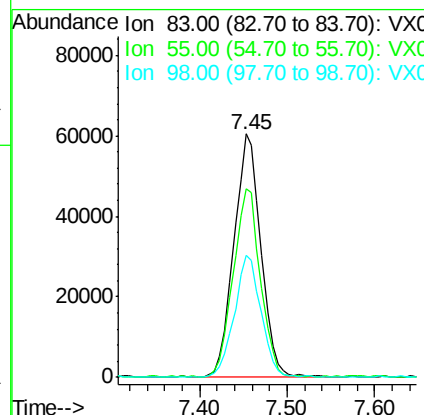
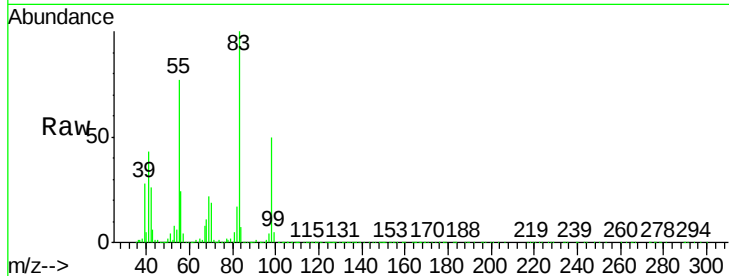
#39
Methvlcvclohexane
Concen: 19.021 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	130135		
55	77.1	65.6	98.4	
98	50.0	40.2	60.4	

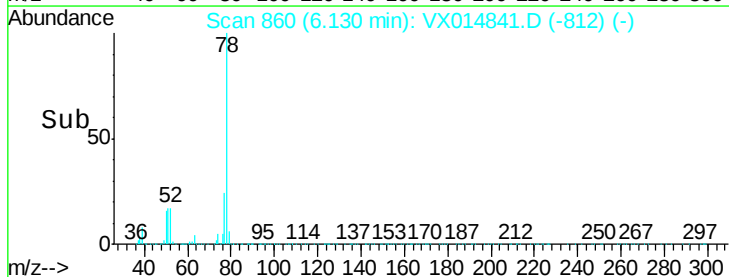
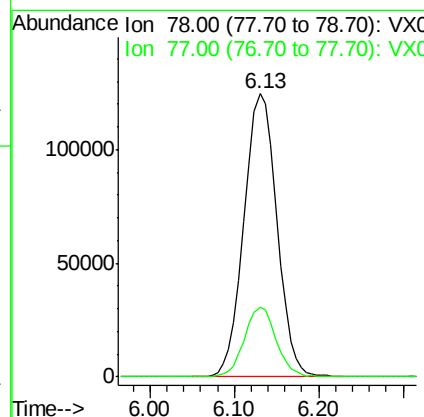
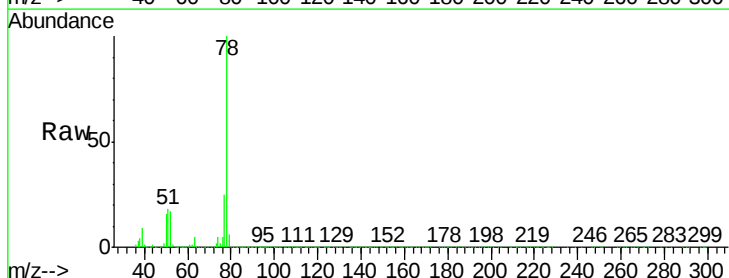
Manual Integrations
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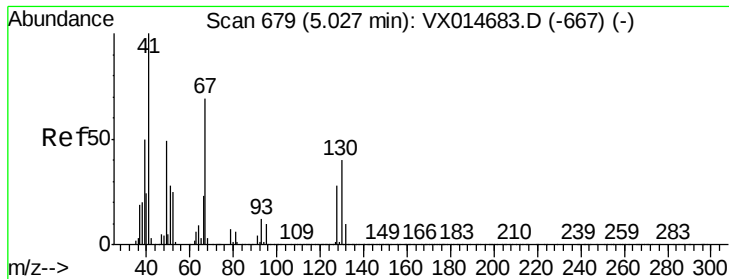
MMDadoda
2/7/2020 11:44:41 AM



#40
Benzene
Concen: 19.513 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	329266		
77	24.4	18.7	28.1	





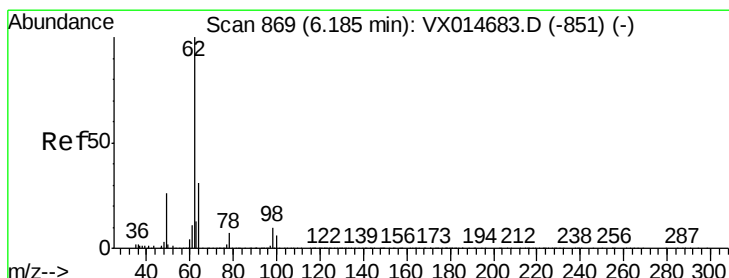
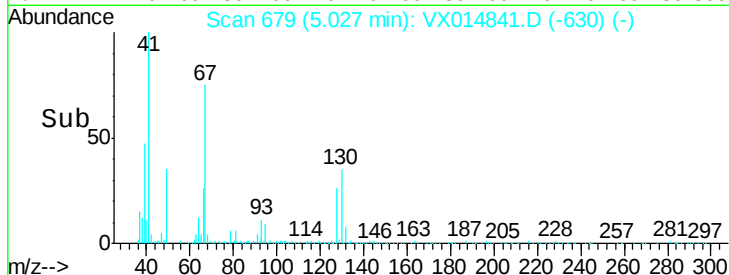
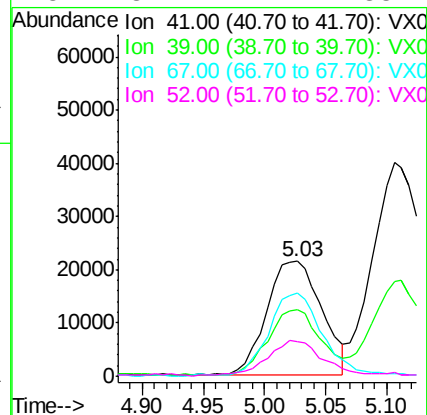
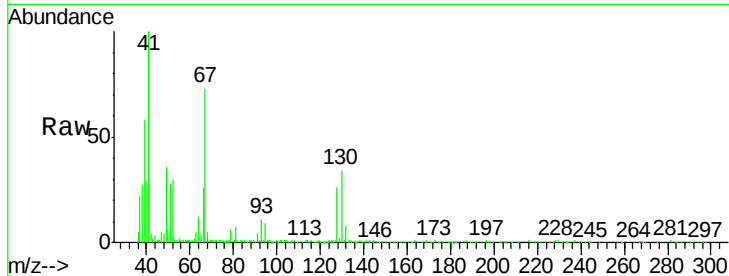
#41
Methacrylonitrile
Concen: 18.605 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.2	63.2	
67	70.2	55.4	83.0	
52	32.2	22.1	33.1	

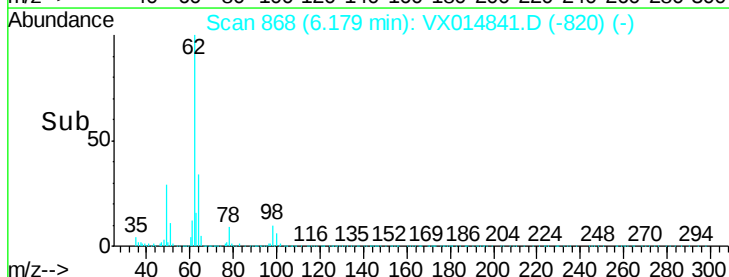
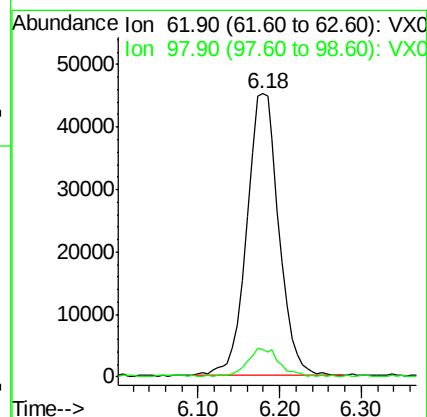
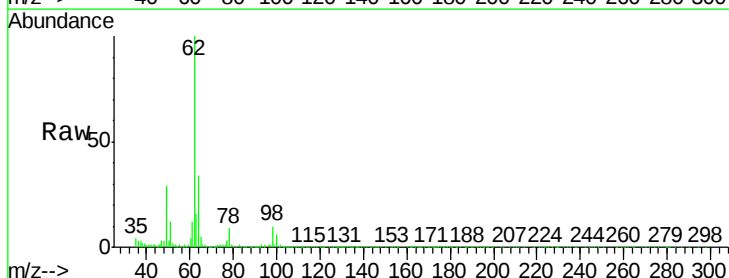
Manual Integrations
APPROVED

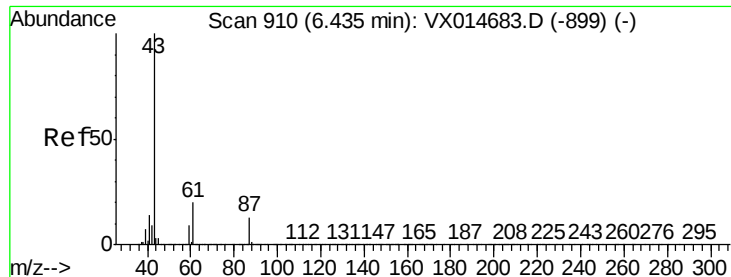
MMDadoda
2/7/2020 11:44:41 AM



#42
1,2-Dichloroethane
Concen: 21.209 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.0	





#43

Isopropyl Acetate

Concen: 19.852 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

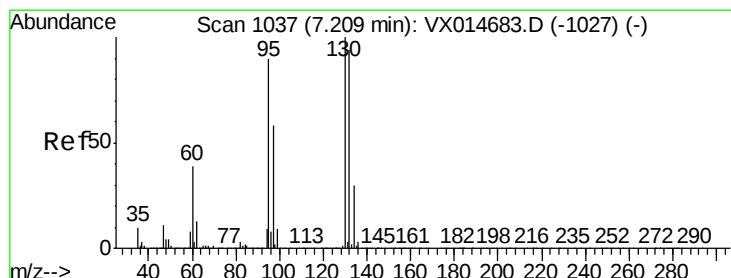
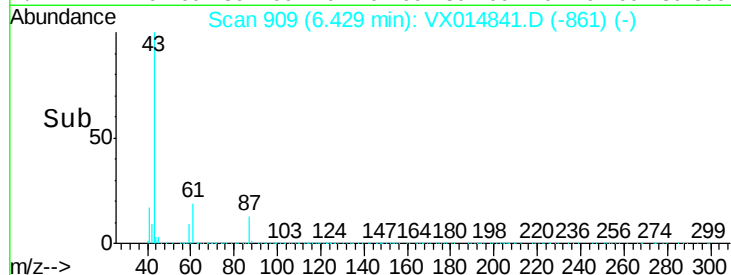
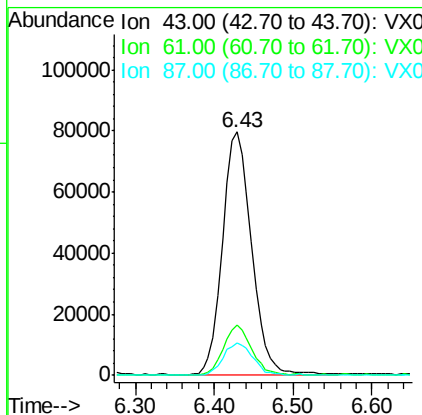
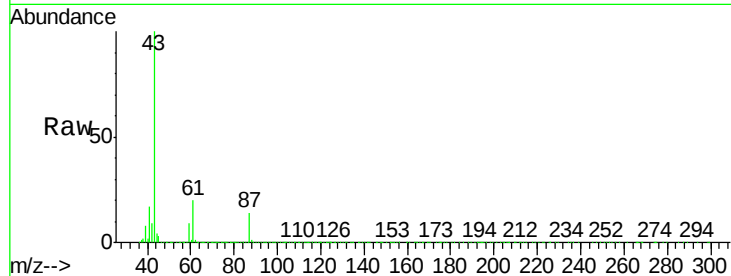
ClientSampleId :

VX0206MBS01

Tot Ion:	43	Resp:	203338
Ion Ratio		Lower	Upper
43	100		
61	19.7	16.2	24.4
87	13.2	10.5	15.7

Manual Integrations
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2/7/2020 11:44:41 AM



#44

Trichloroethene

Concen: 19.596 ug/l

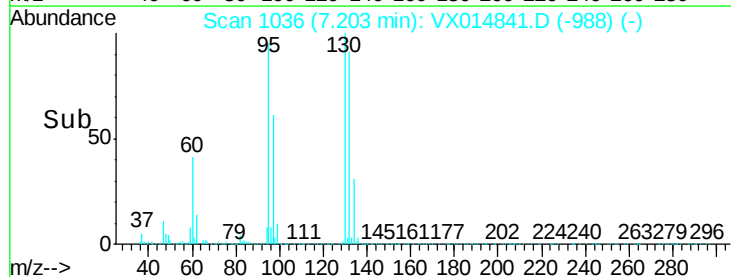
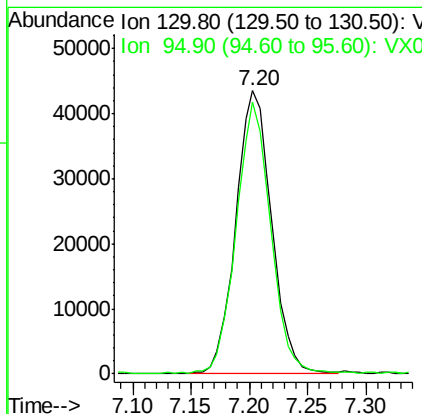
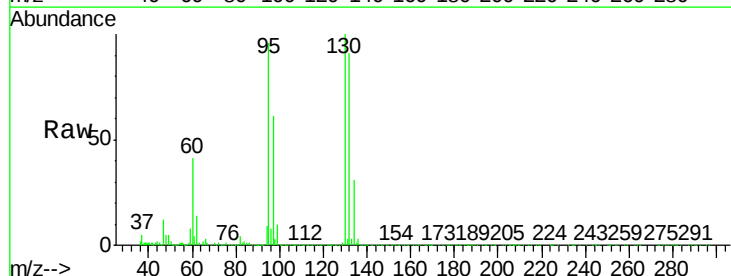
RT: 7.20 min Scan# 1036

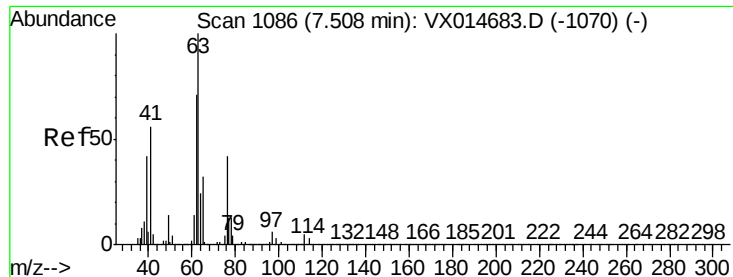
Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	130	Resp:	93399
Ion Ratio		Lower	Upper
130	100		
95	95.6	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.615 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 63 Resp: 85268

Ion Ratio Lower Upper

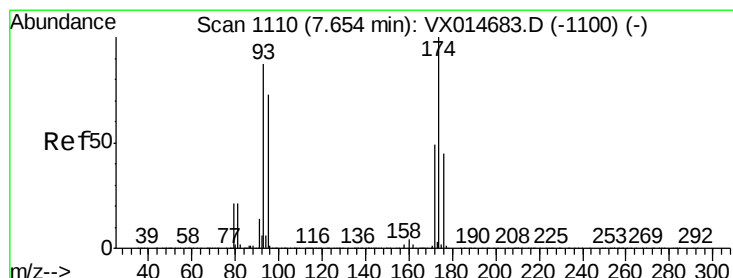
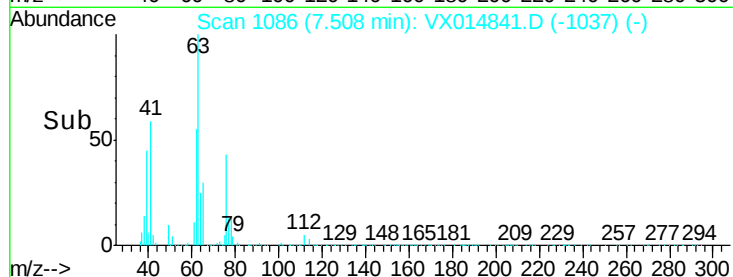
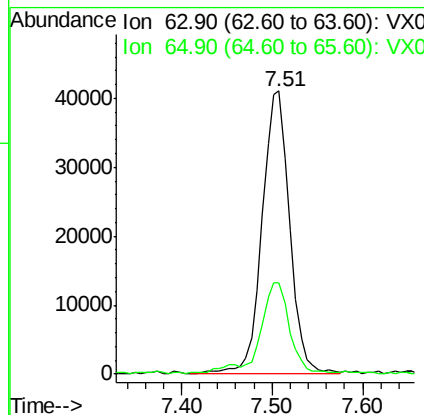
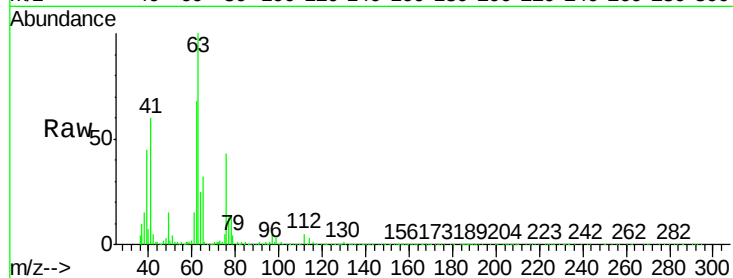
63 100

65 31.8 25.2 37.8

Manual Integrations
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#46

Dibromomethane

Concen: 20.660 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

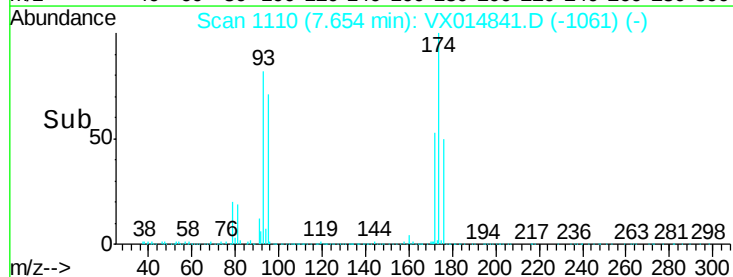
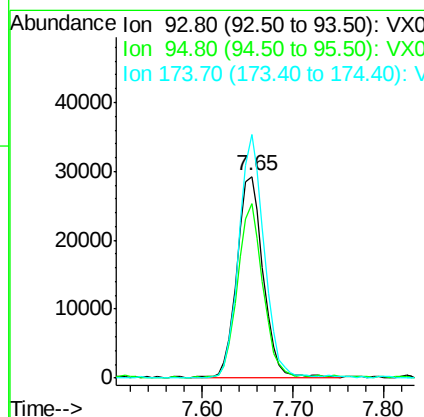
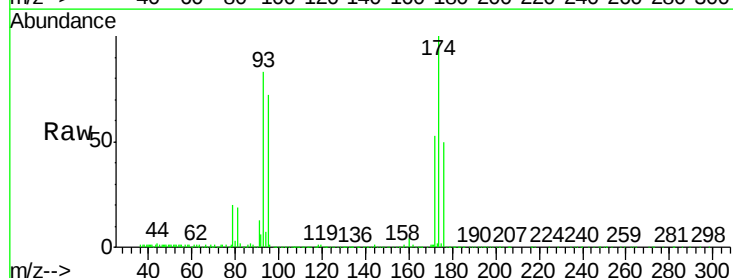
Tgt Ion: 93 Resp: 58167

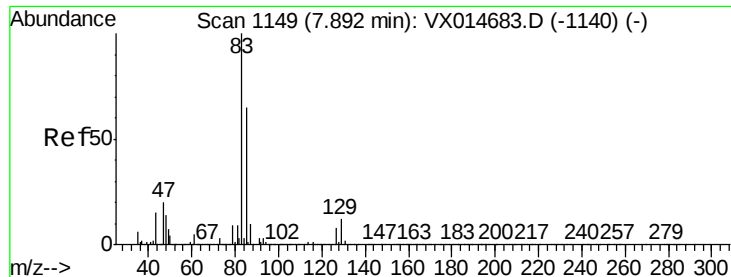
Ion Ratio Lower Upper

93 100

95 85.3 67.0 100.4

174 117.5 90.2 135.2





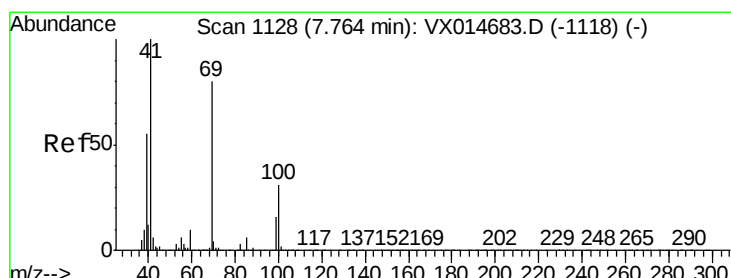
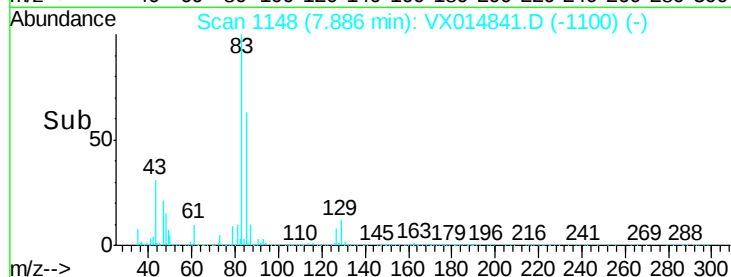
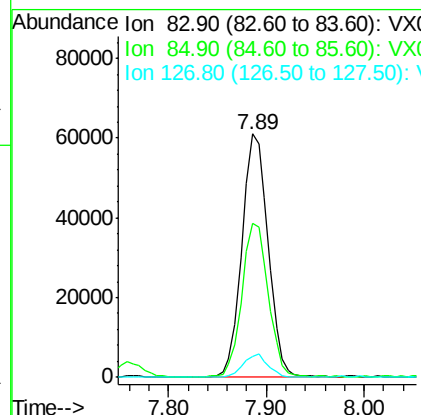
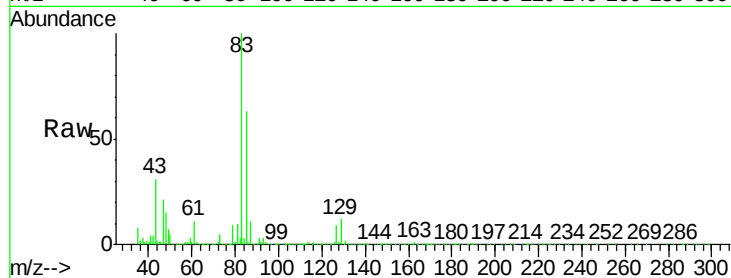
#47
Bromodichloromethane
Concen: 20.476 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	83	Resp	113071
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	52.2	78.2
127	8.3	6.4	9.6

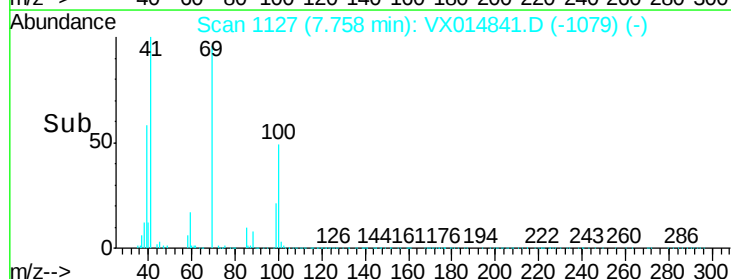
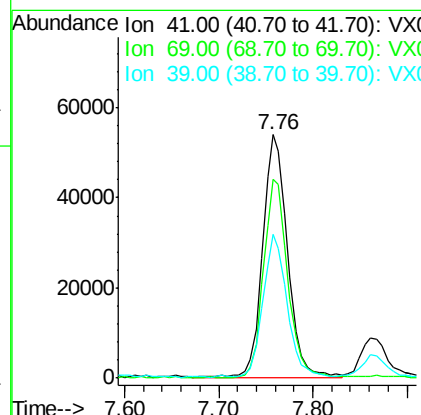
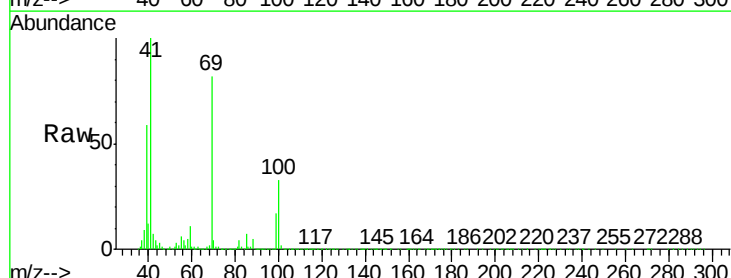
Manual Integrations
APPROVED

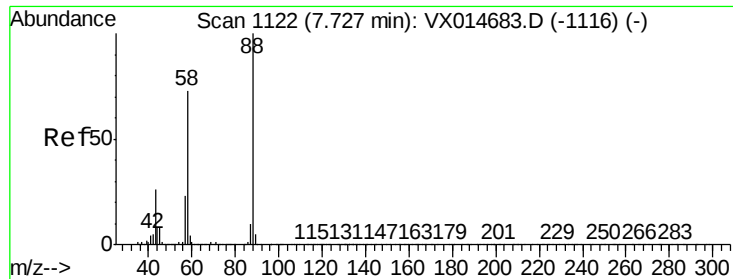
MMDadoda
2/7/2020 11:44:41 AM



#48
Methyl methacrylate
Concen: 20.799 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	41	Resp	101789
Ion Ratio	100	Lower	Upper
41	100		
69	78.6	63.5	95.3
39	55.1	43.7	65.5





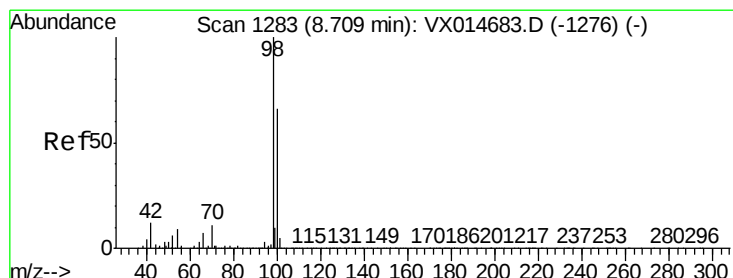
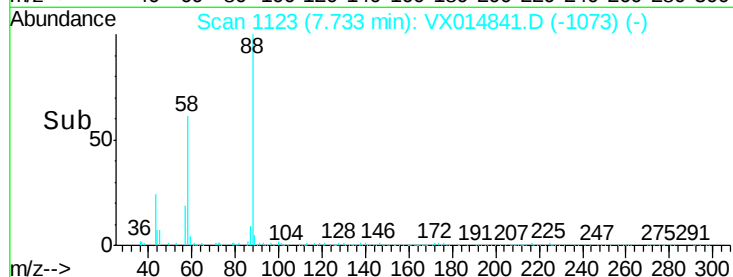
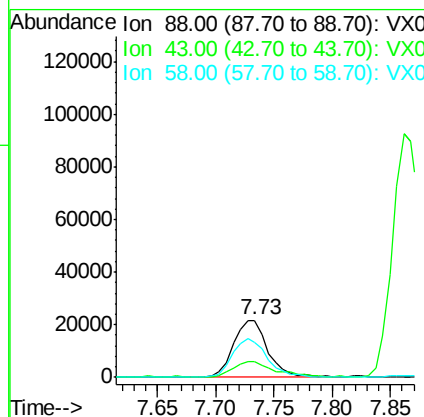
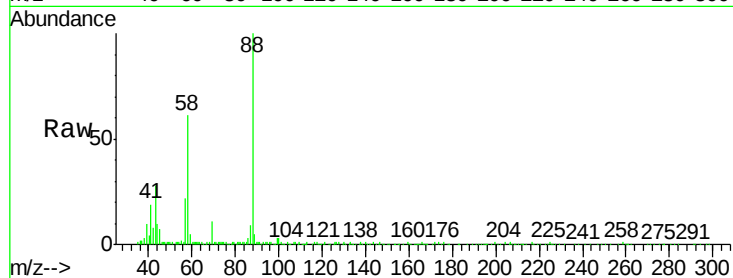
#49
1,4-Dioxane
Concen: 416.503 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.2	39.2
58	68.5	56.6	85.0

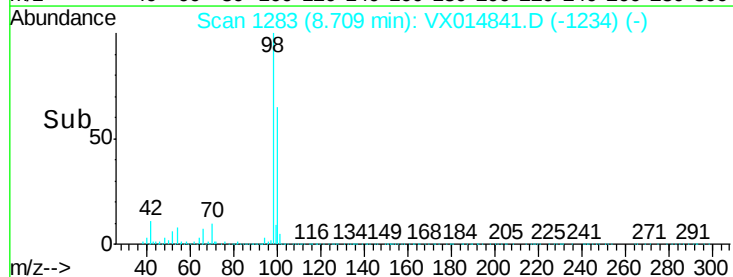
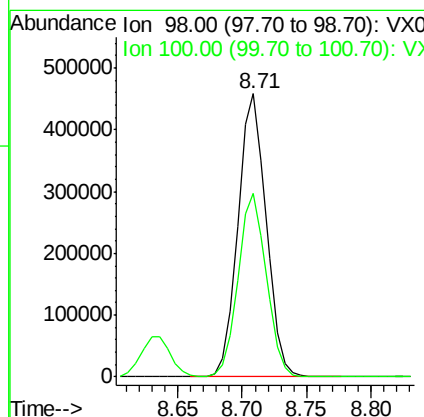
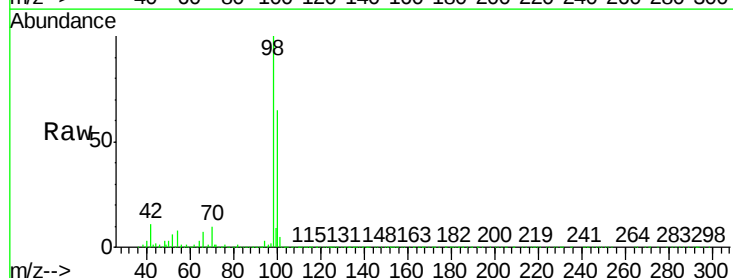
Manual Integrations
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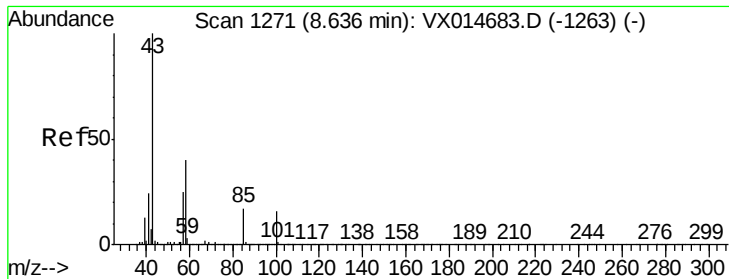
MMDadoda
2/7/2020 11:44:41 AM



#50
Toluene-d8
Concen: 48.617 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 99.543 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0206MBS01

Tot Ion: 43 Resp: 643521

Ion Ratio Lower Upper

43 100

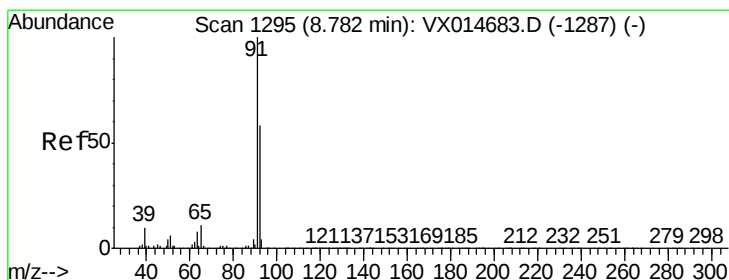
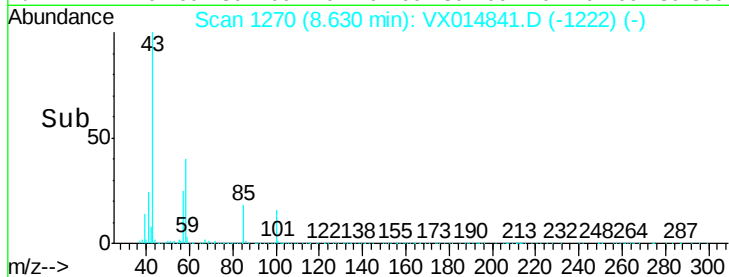
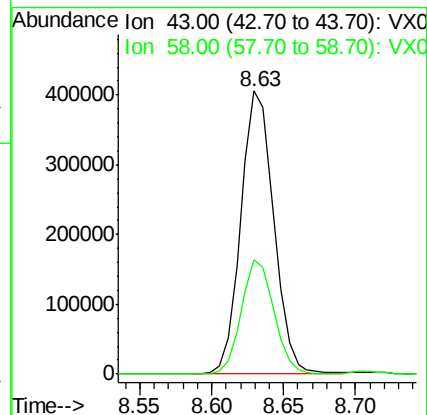
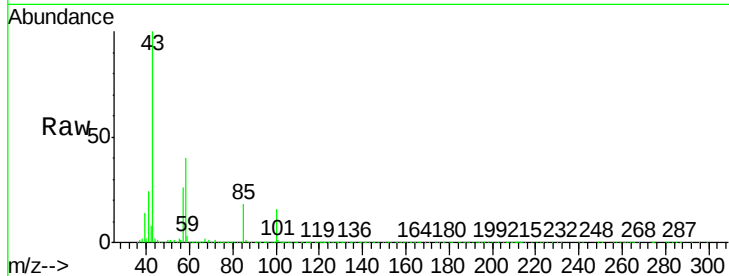
58 40.1 31.6 47.4

Manual Integrations

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2/7/2020 11:44:41 AM



#52

Toluene

Concen: 20.052 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014841.D

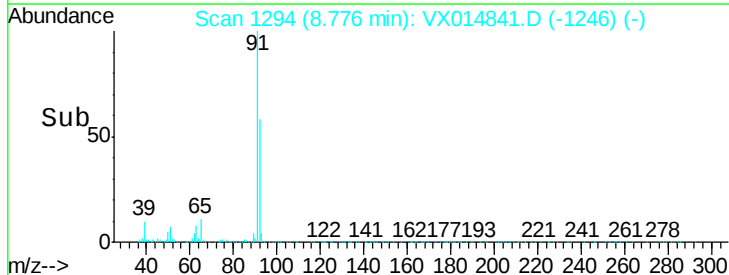
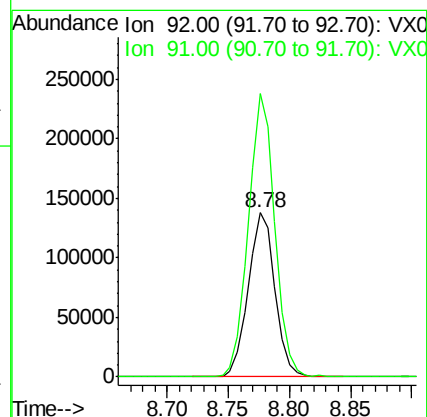
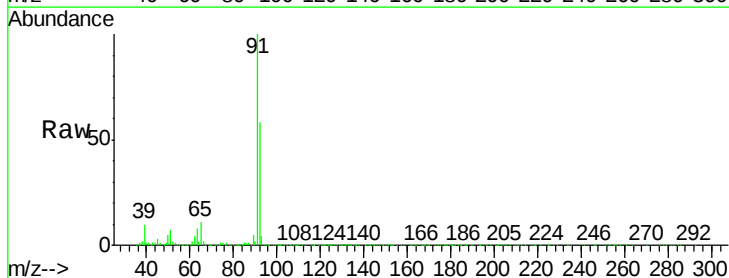
Acq: 06 Feb 2020 12:31

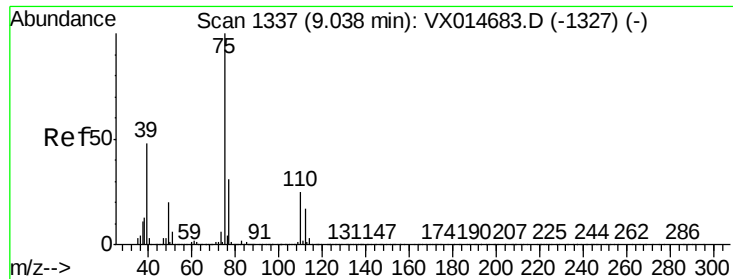
Tgt Ion: 92 Resp: 207989

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9





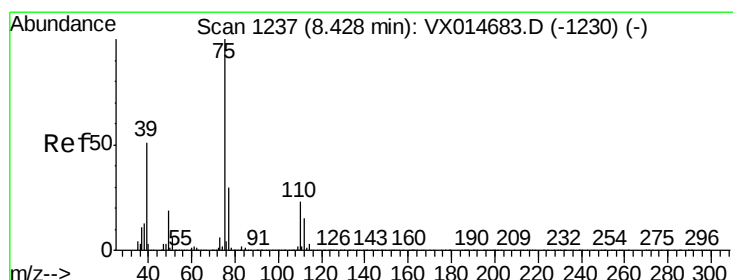
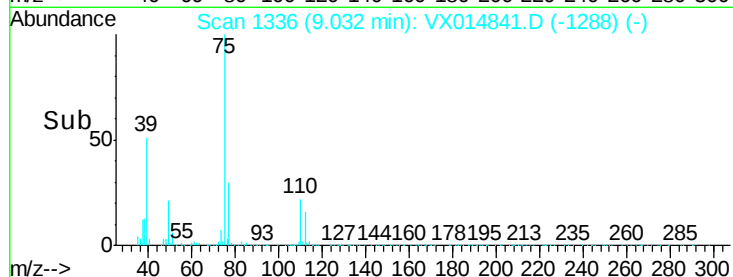
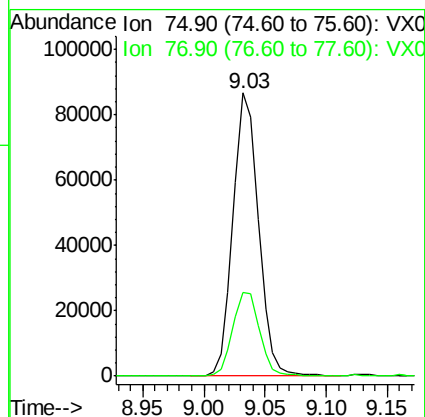
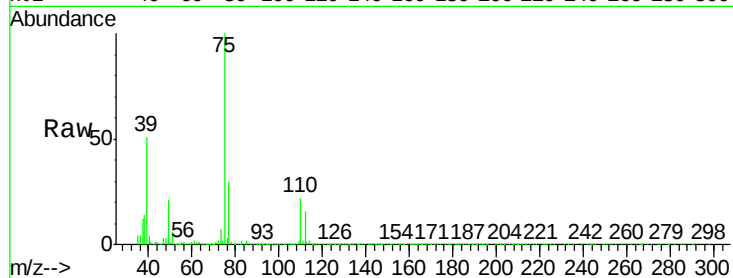
#53
t-1,3-Dichloropropene
Concen: 20.942 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.9	37.3

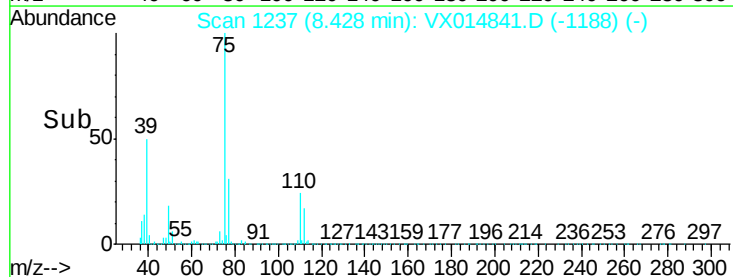
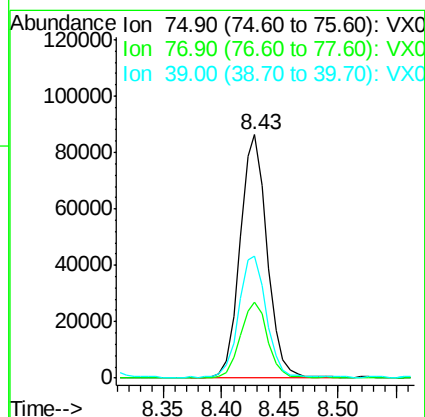
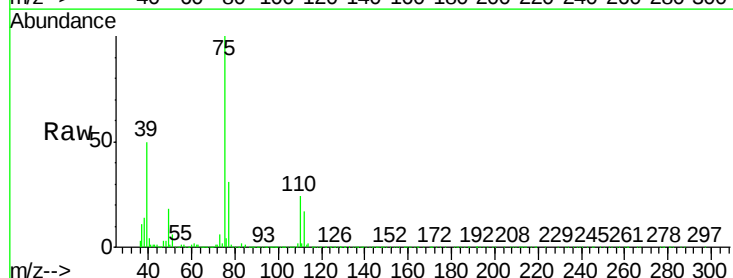
Manual Integrations
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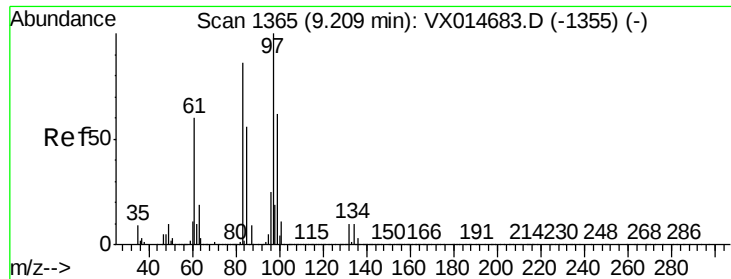
MMDadoda
2/7/2020 11:44:41 AM



#54
cis-1,3-Dichloropropene
Concen: 21.207 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.9	35.9
39	49.8	40.9	61.3





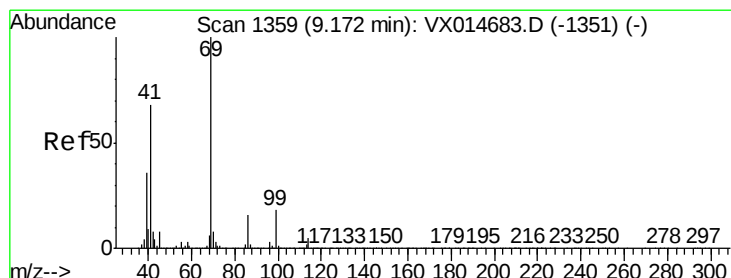
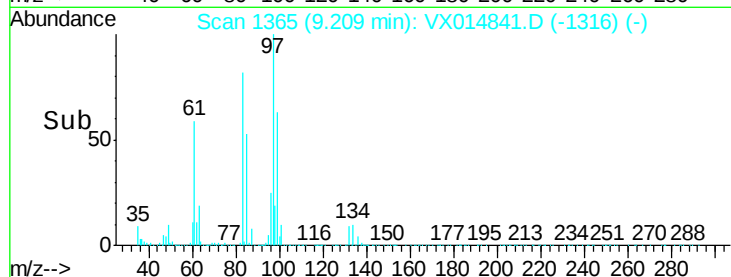
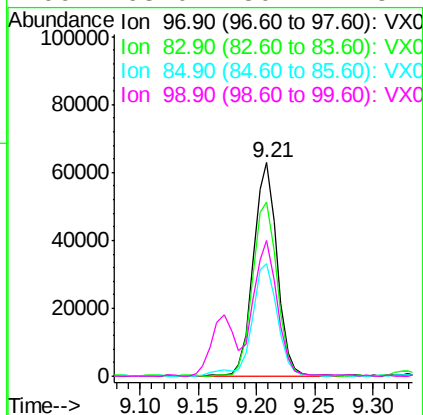
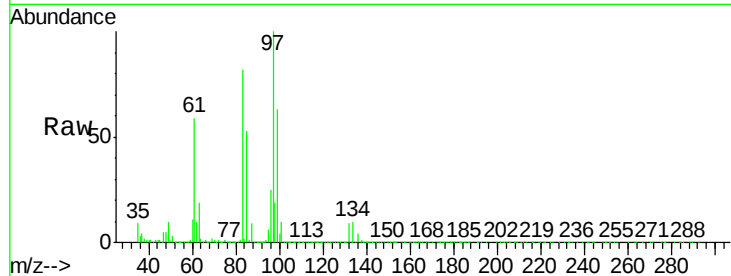
#55
 1,1,2-Trichloroethane
 Concen: 21.221 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90121		
83	81.3	69.2	103.8		
85	52.7	44.6	67.0		
99	63.0	50.1	75.1		

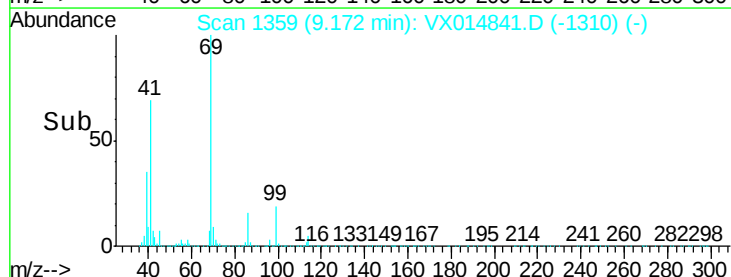
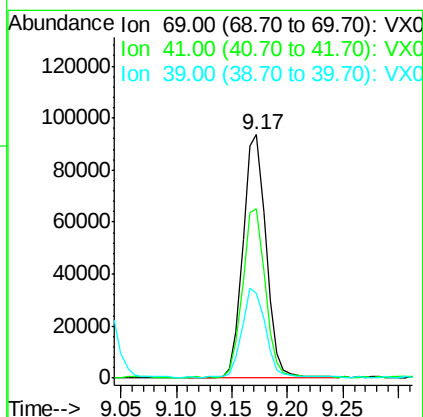
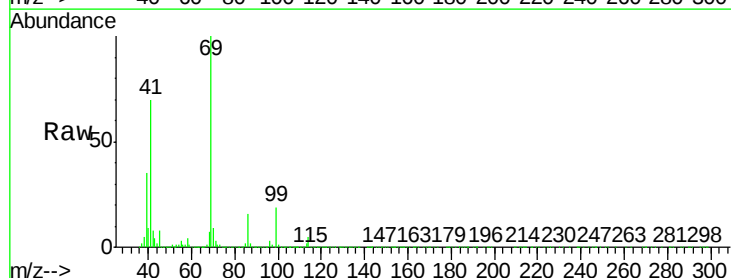
Manual Integrations
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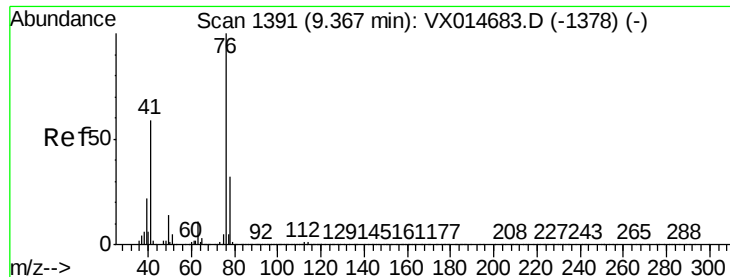
MMDadoda
 2/7/2020 11:44:41 AM



#56
 Ethyl methacrylate
 Concen: 19.820 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		134658		
41	68.1	54.9	82.3		
39	37.2	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 20.736 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 76 Resp: 150536

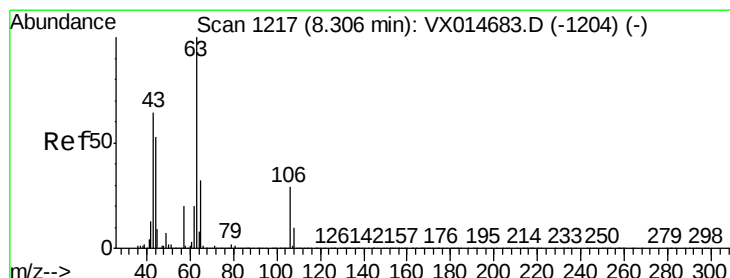
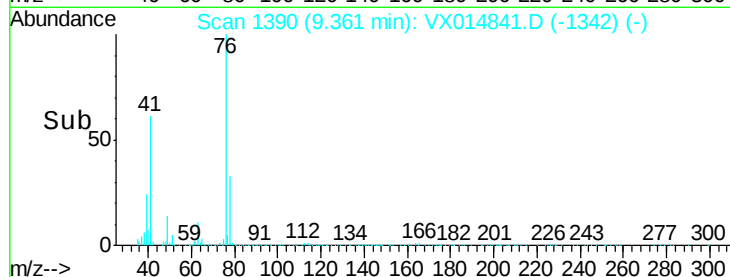
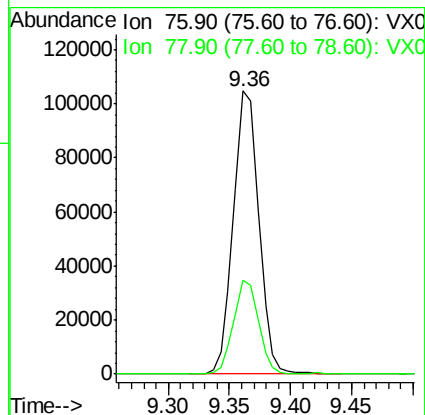
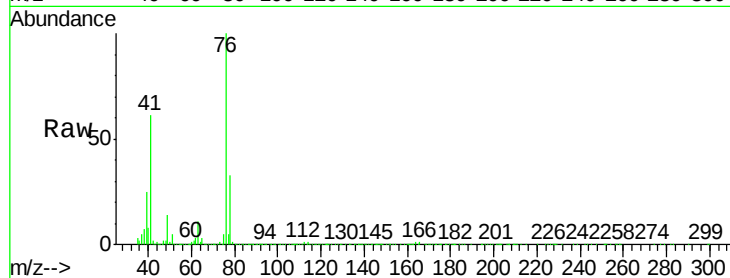
Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.117 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014841.D

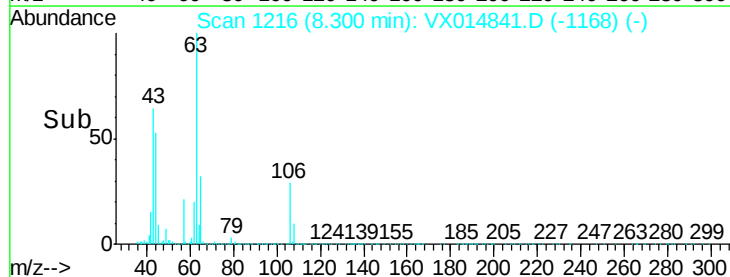
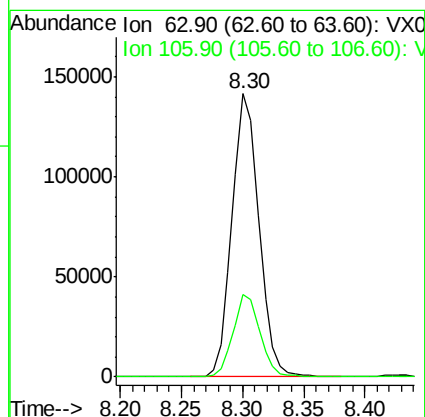
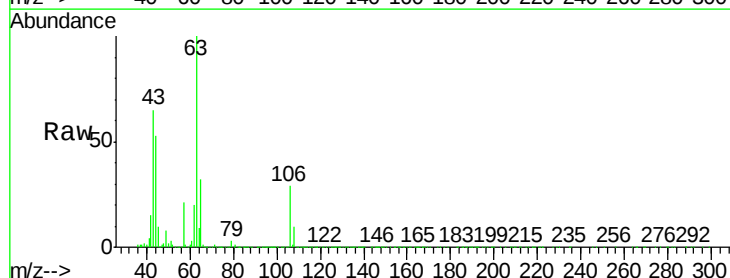
Acq: 06 Feb 2020 12:31

Tgt Ion: 63 Resp: 215960

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1





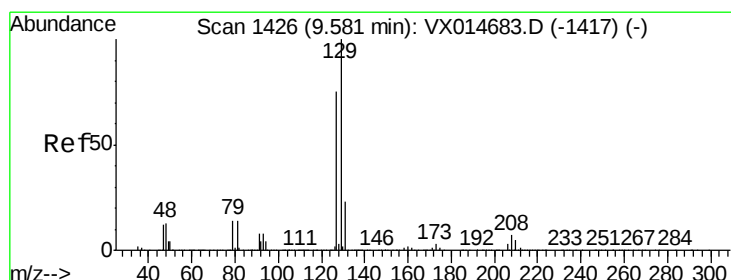
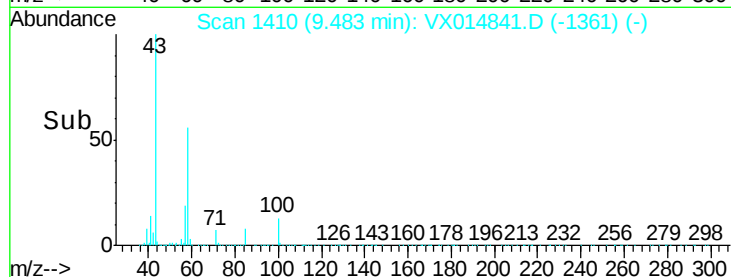
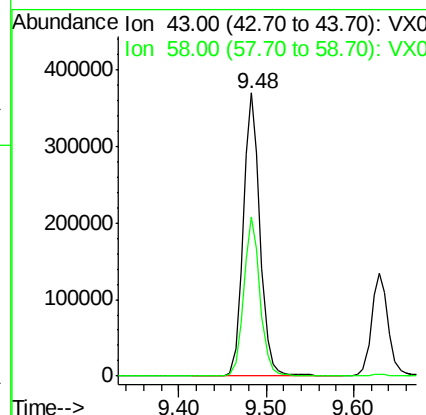
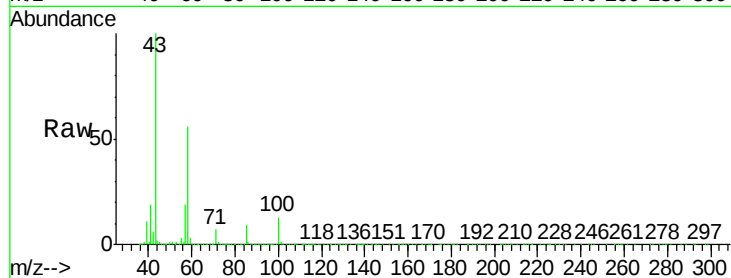
#59
2-Hexanone
Concen: 98.656 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion: 43 Resp: 494912
Ion Ratio Lower Upper
43 100
58 55.3 27.2 81.5

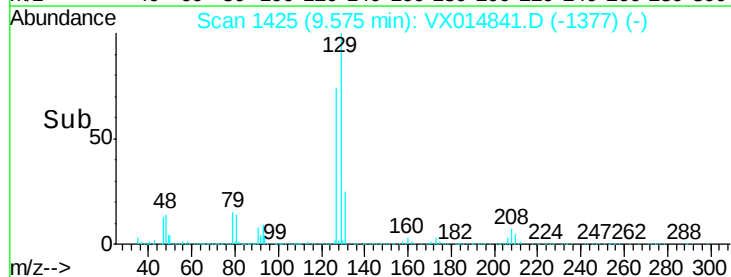
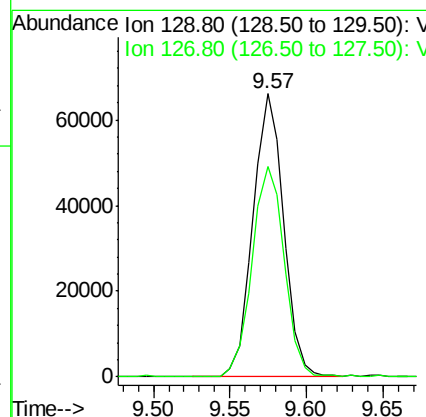
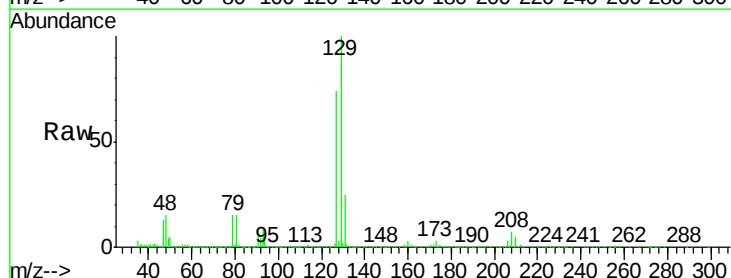
Manual Integrations
APPROVED

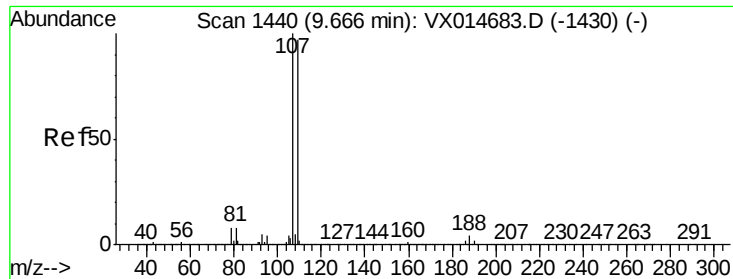
MMDadoda
2/7/2020 11:44:41 AM



#60
Dibromochloromethane
Concen: 20.766 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion: 129 Resp: 92052
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.575 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 107 Resp: 92385

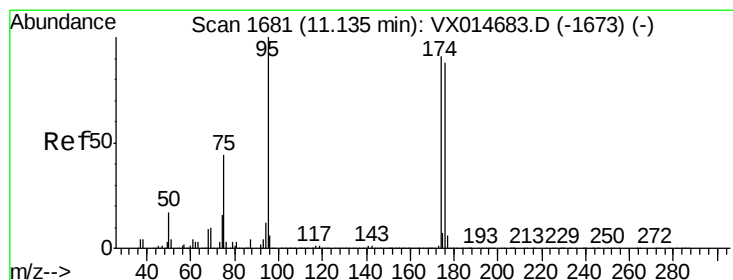
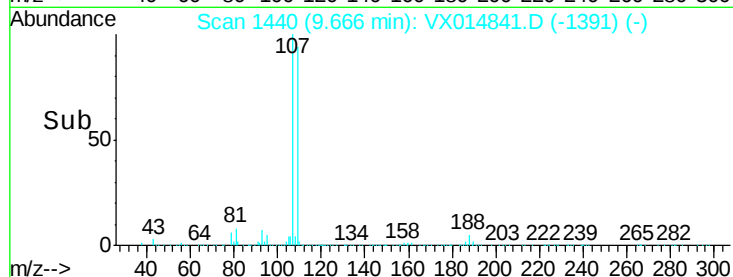
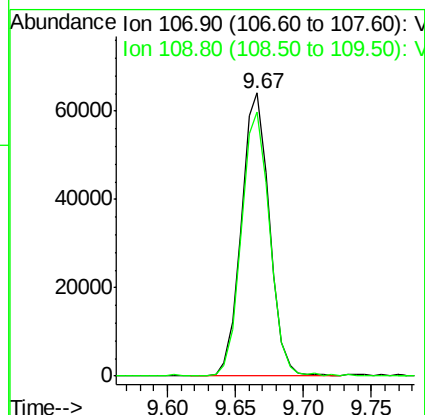
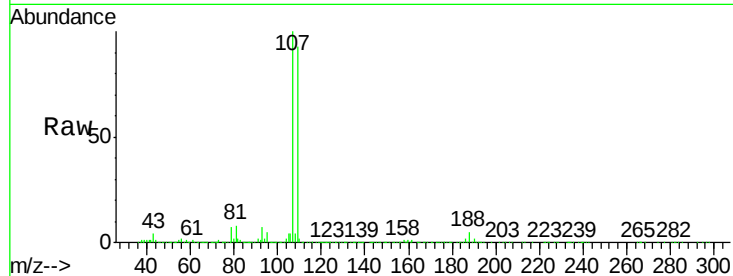
Ion Ratio Lower Upper

107 100

109 94.0 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#62

4-Bromofluorobenzene

Concen: 49.294 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

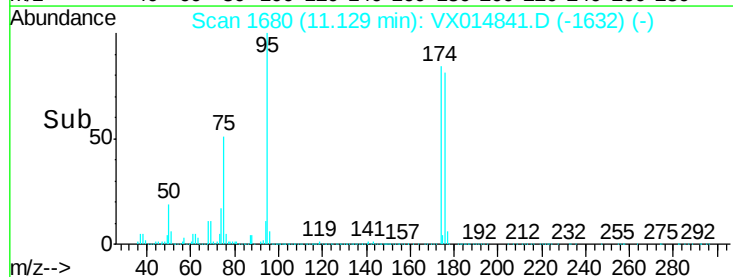
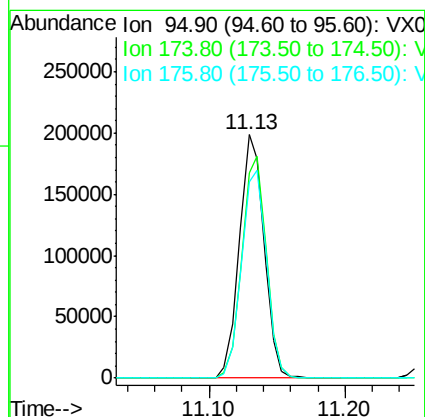
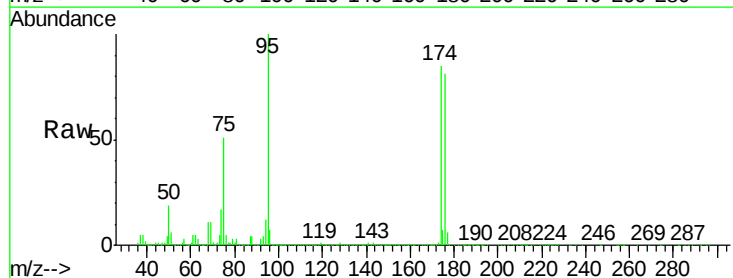
Tgt Ion: 95 Resp: 250354

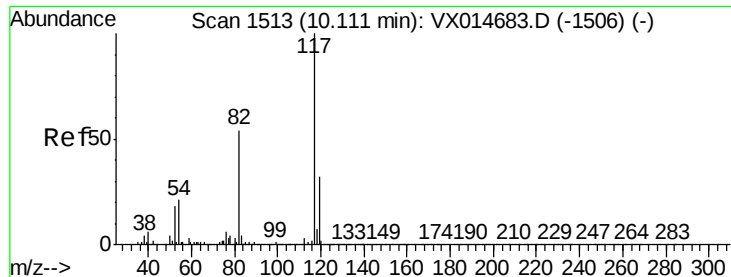
Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.0

176 87.1 0.0 172.2





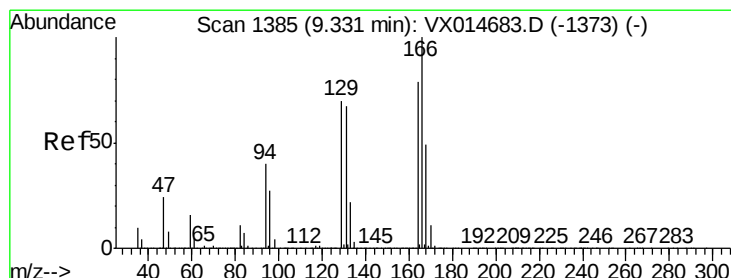
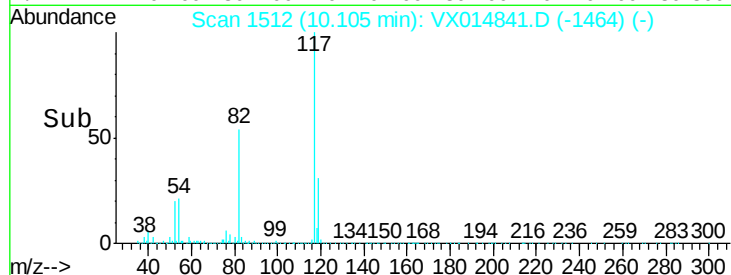
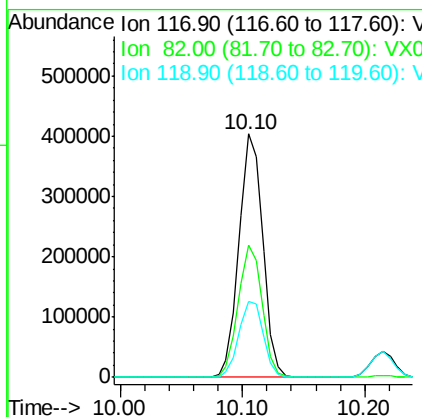
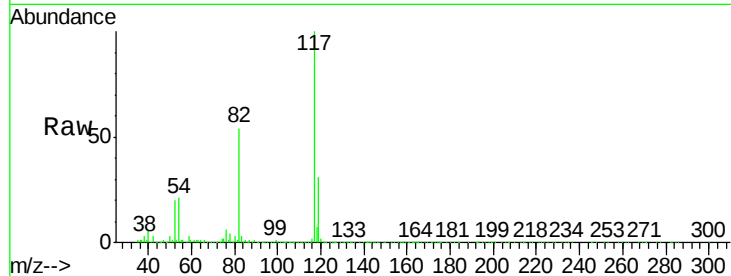
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	31.1	25.8	38.6

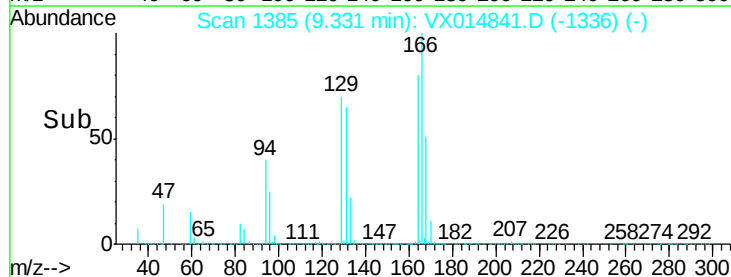
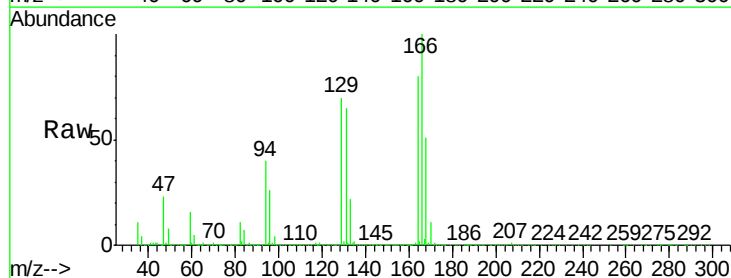
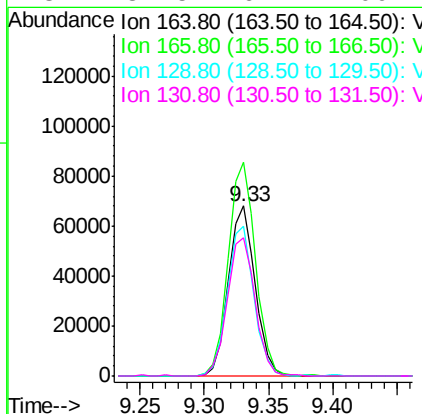
Manual Integrations
APPROVED

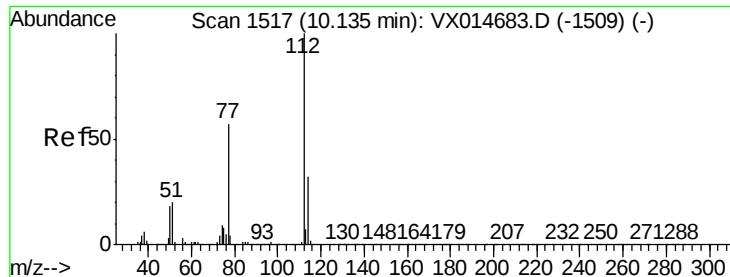
MMDadoda
2/7/2020 11:44:41 AM



#64
Tetrachloroethene
Concen: 18.344 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.9	151.3
129	88.0	71.0	106.6
131	81.5	67.1	100.7





#65

Chlorobenzene

Concen: 19.600 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion:112 Resp: 227070

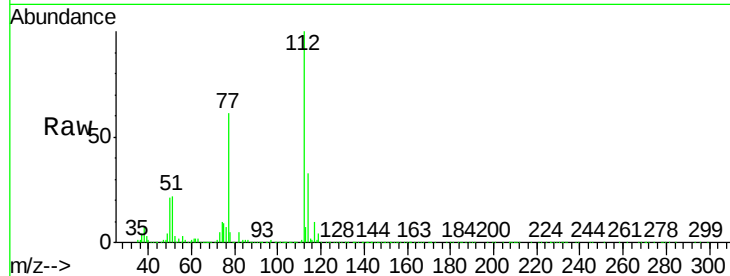
Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.8

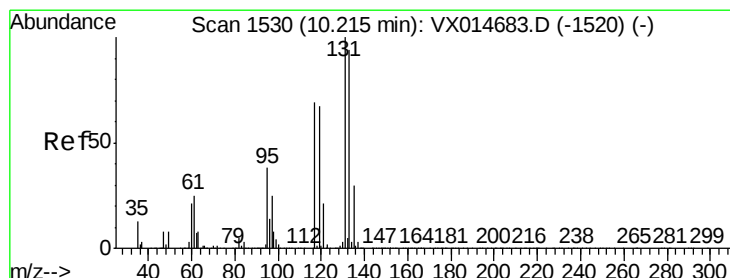
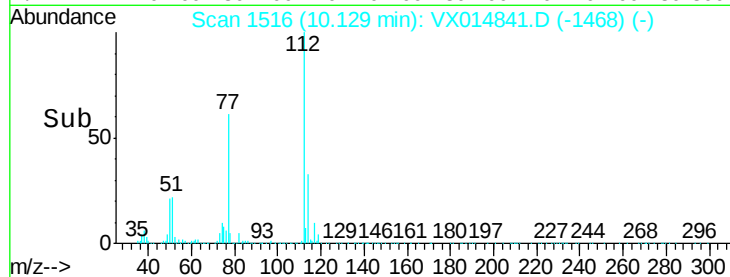
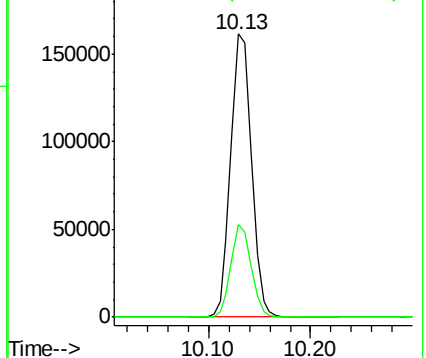
Manual Integrations
APPROVED

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2/7/2020 11:44:41 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.394 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

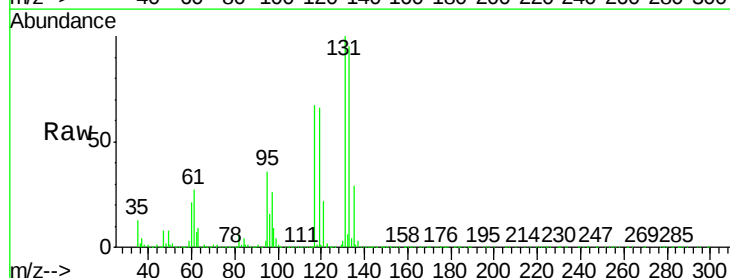
Tgt Ion:131 Resp: 87112

Ion Ratio Lower Upper

131 100

133 95.9 47.4 142.3

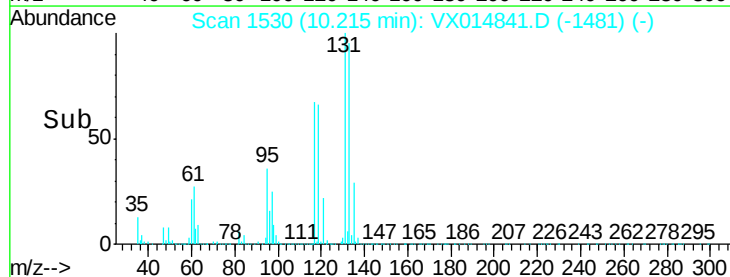
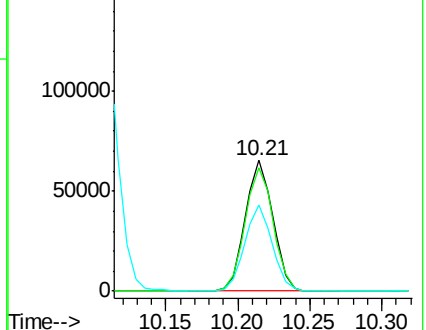
119 64.6 33.3 99.8

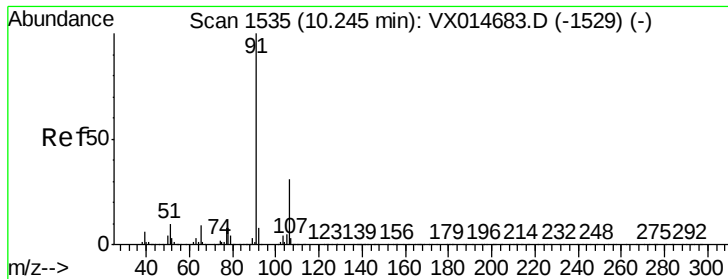


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





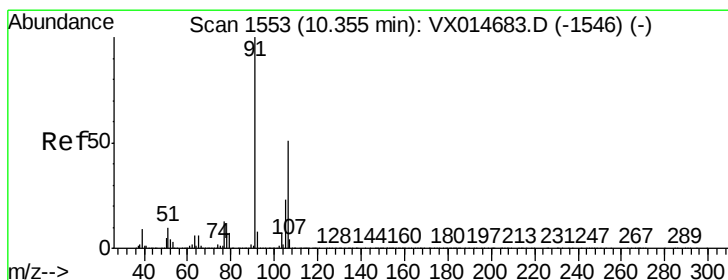
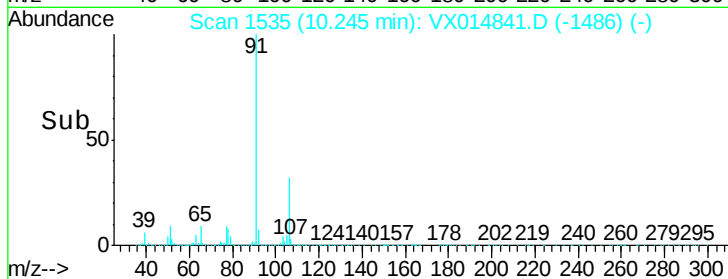
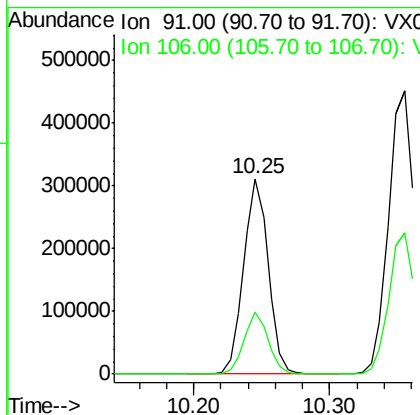
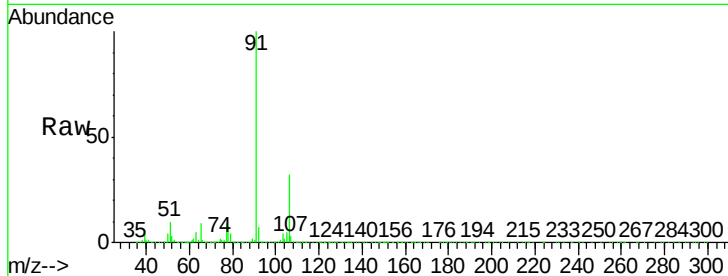
#67
Ethyl Benzene
Concen: 19.978 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion: 91 Resp: 395189
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

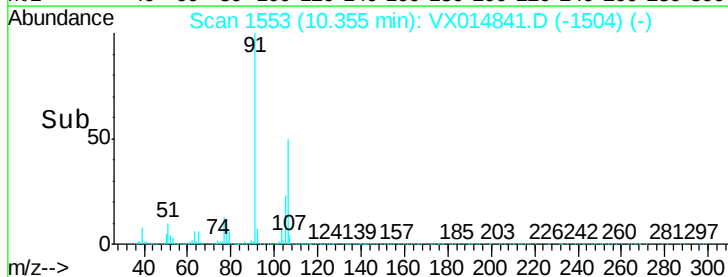
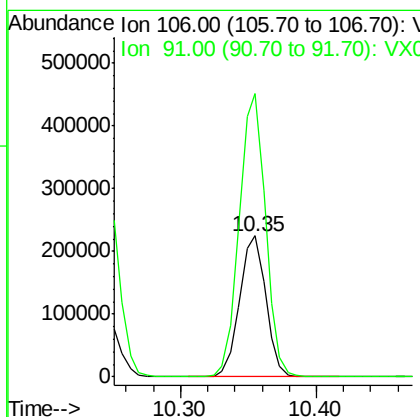
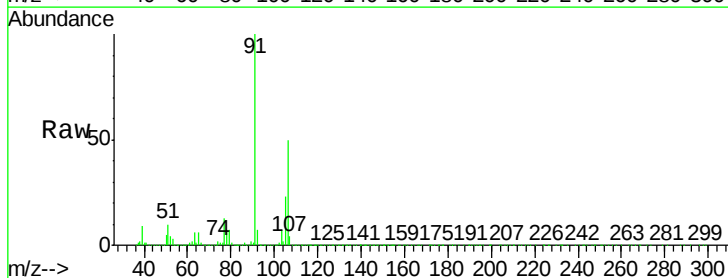
Manual Integrations
APPROVED

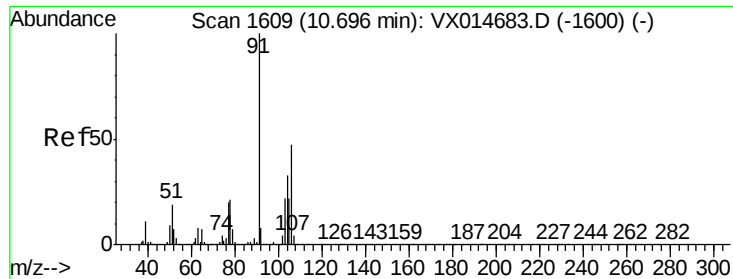
MMDadoda
2/7/2020 11:44:41 AM



#68
m/p-Xylenes
Concen: 40.308 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion: 106 Resp: 302076
Ion Ratio Lower Upper
106 100
91 201.4 159.4 239.2





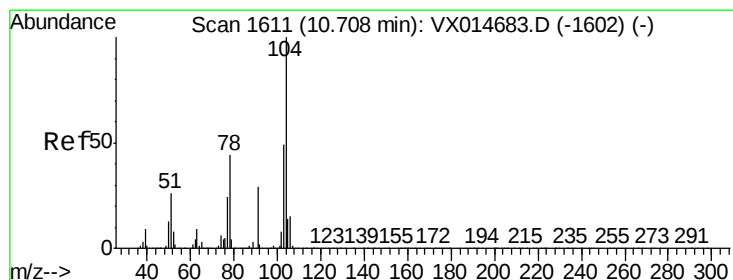
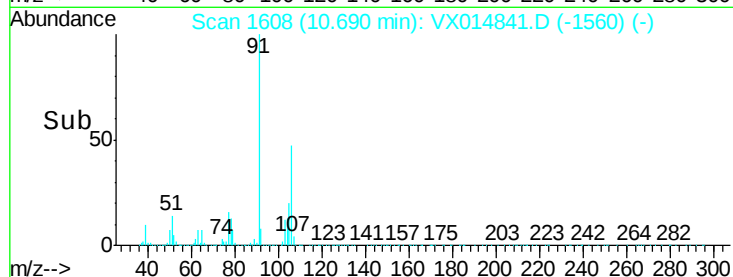
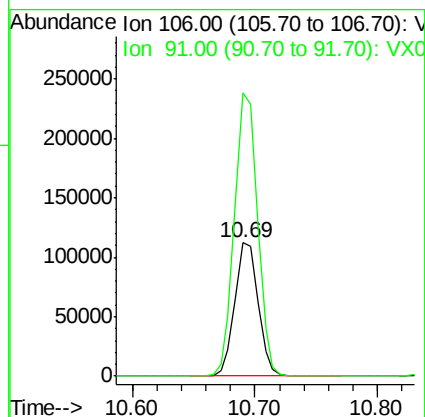
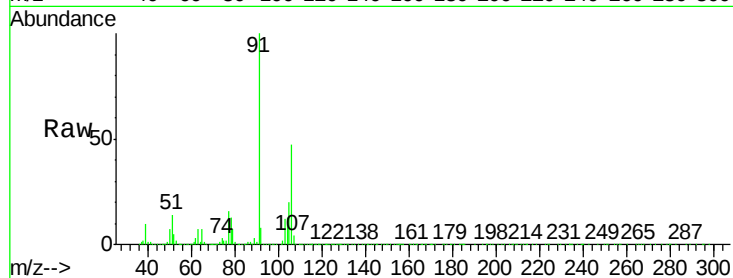
#69
o-Xylene
Concen: 20.337 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0206MBS01

Tot Ion:106 Resp: 147138
Ion Ratio Lower Upper
106 100
91 210.5 106.2 318.6

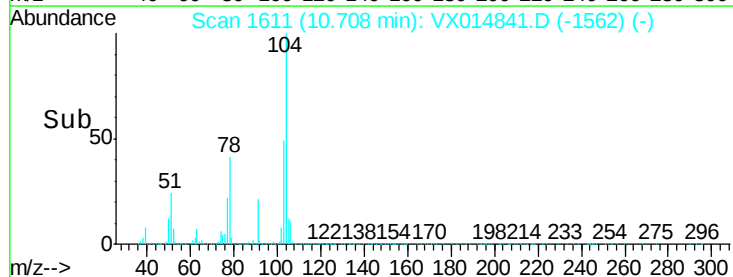
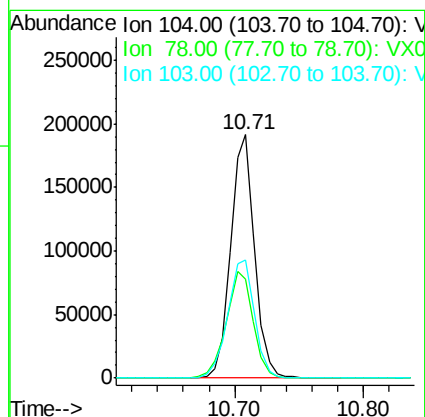
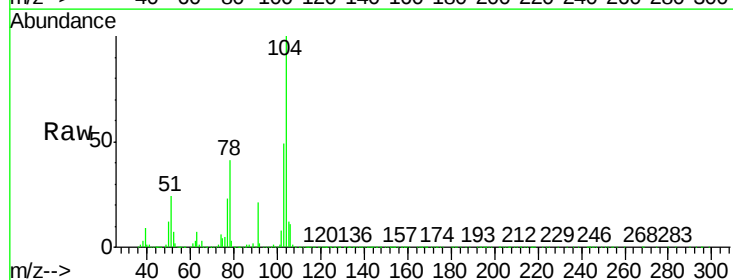
Manual Integrations
APPROVED

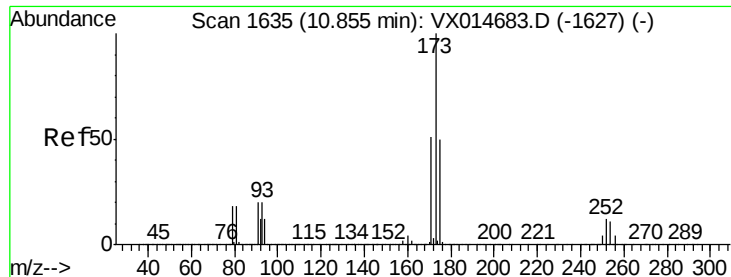
MMDadoda
2/7/2020 11:44:41 AM



#70
Styrene
Concen: 20.461 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion:104 Resp: 248324
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 55.2 43.5 65.3





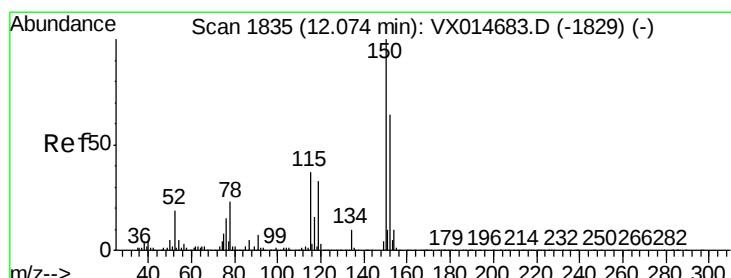
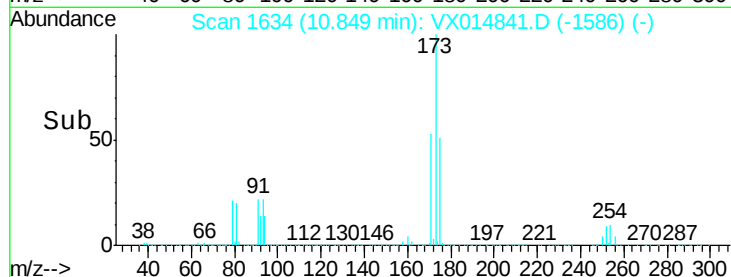
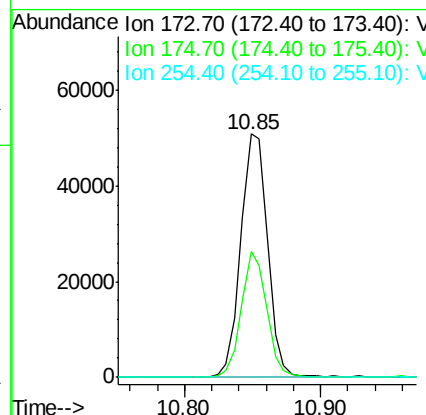
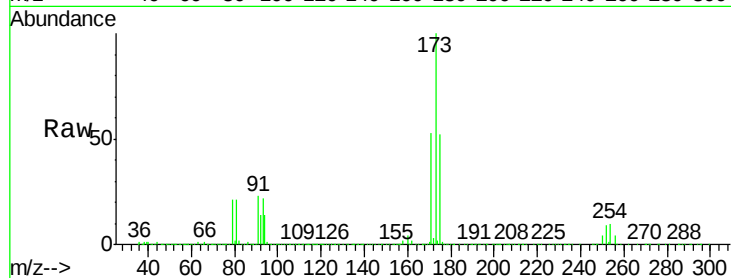
#71
Bromoform
Concen: 20.613 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.6
254	0.2	0.1	0.1#

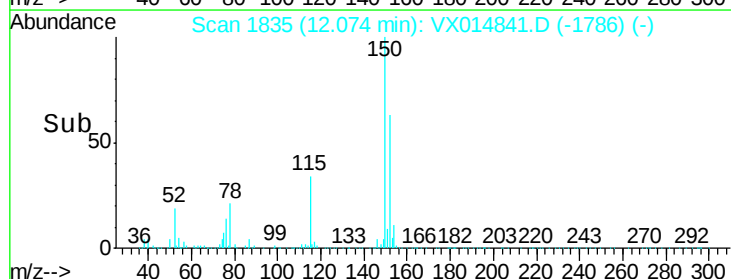
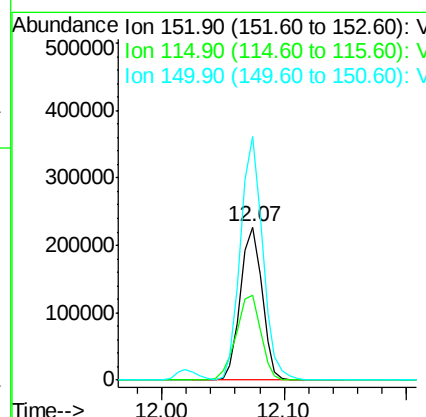
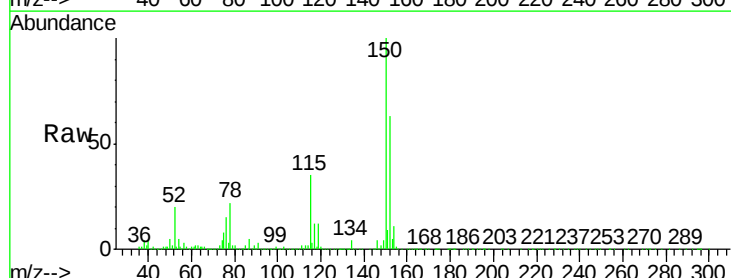
Manual Integrations
APPROVED

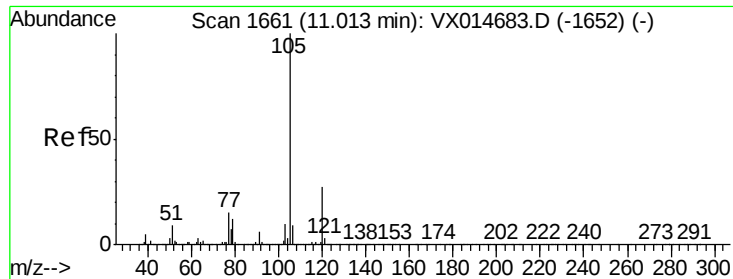
MMDadoda
2/7/2020 11:44:41 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	39.4	118.1
150	162.3	0.0	351.2





#73

Isopropylbenzene

Concen: 20.312 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion: 105 Resp: 396753

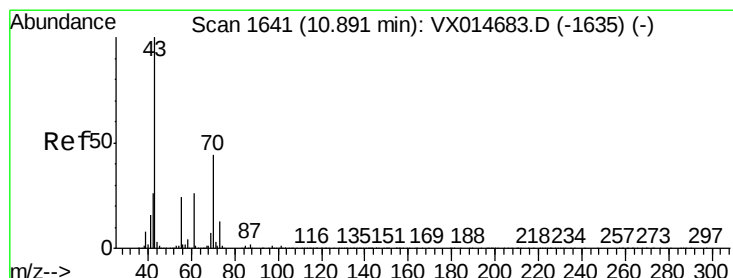
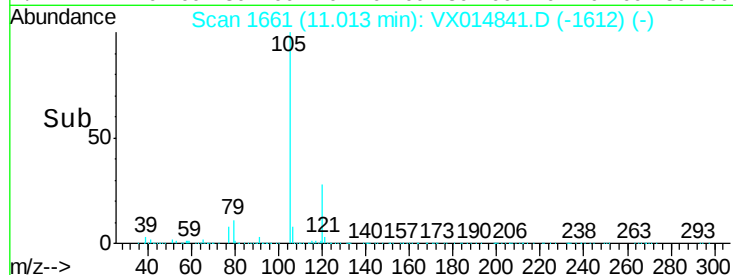
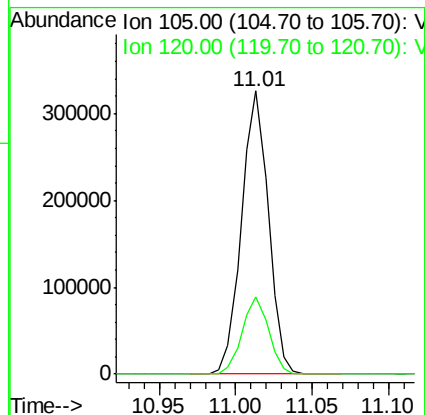
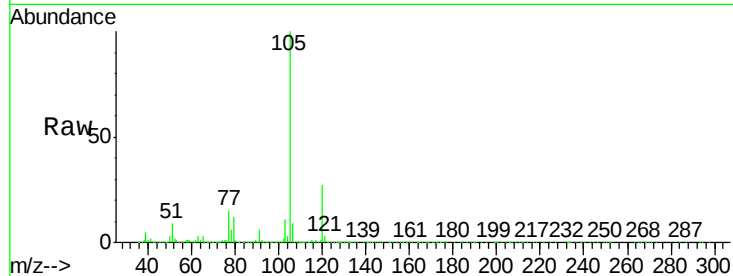
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#74

N-ethyl acetate

Concen: 20.105 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion: 43 Resp: 172090

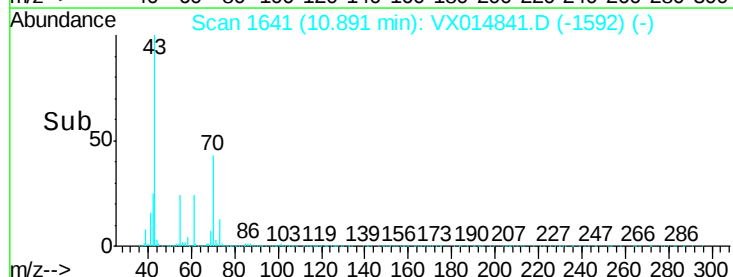
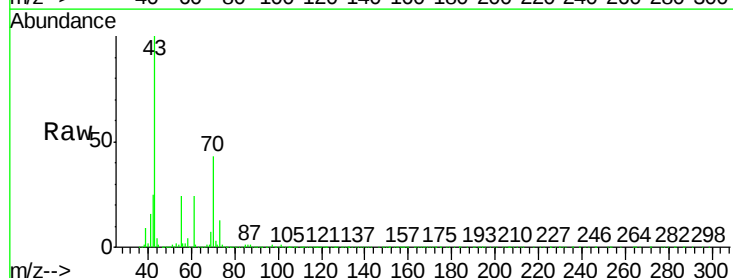
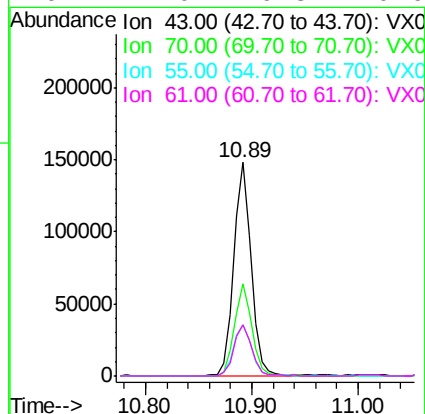
Ion Ratio Lower Upper

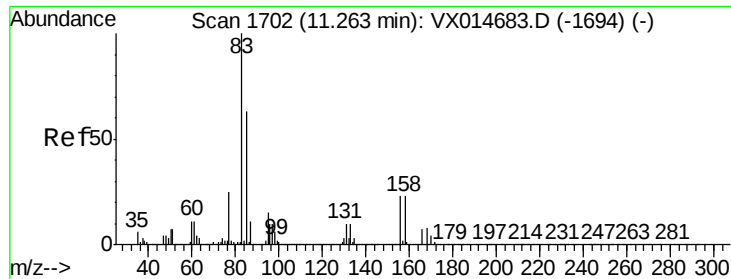
43 100

70 42.8 34.6 52.0

55 24.7 19.4 29.2

61 24.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.065 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

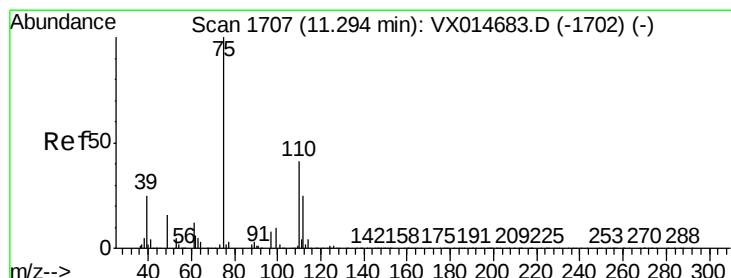
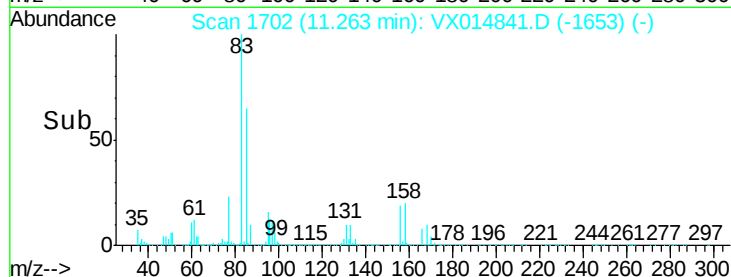
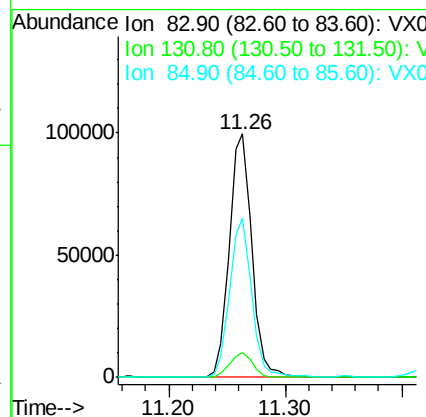
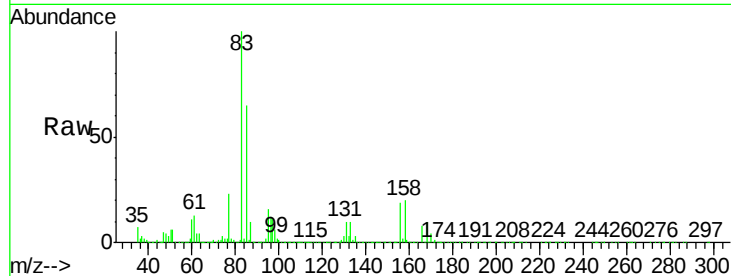
ClientSampled :

VX0206MBS01

Tot Ion:	83	Resp:	132965
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.3	31.7	95.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:41 AM



#76

1,2,3-Trichloropropane

Concen: 17.492 ug/l m

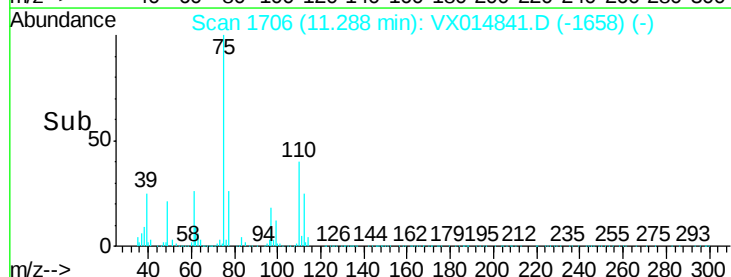
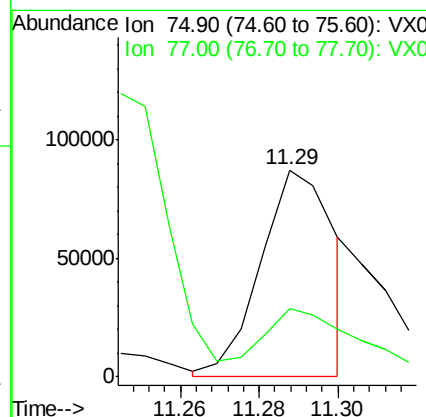
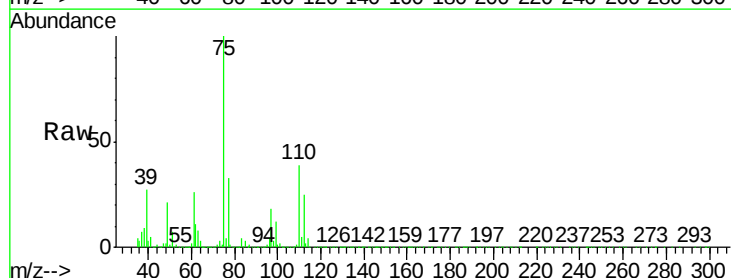
RT: 11.29 min Scan# 1706

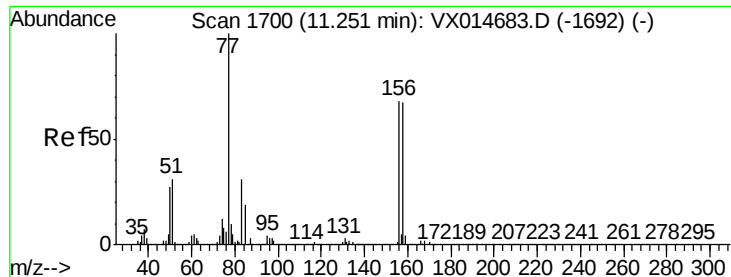
Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	75	Resp:	113054
Ion Ratio	Lower	Upper	
75	100		
77	43.8	18.7	56.1





#77

Bromobenzene

Concen: 19.952 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

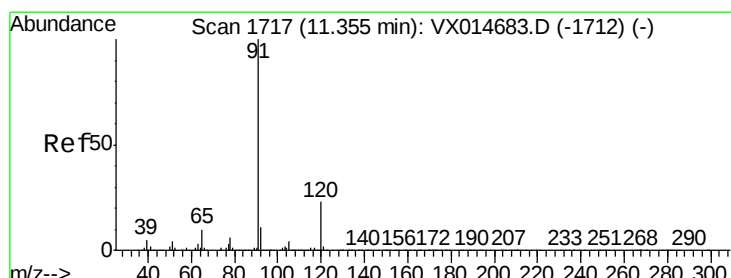
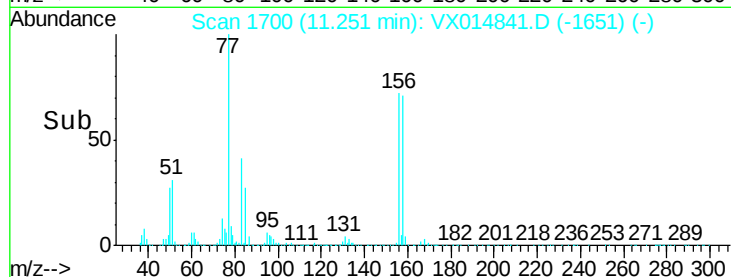
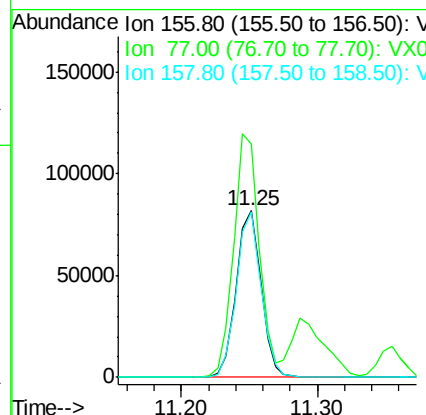
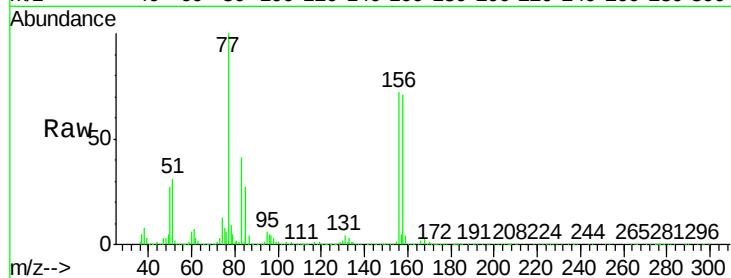
ClientSampleId :

VX0206MBS01

Tot Ion:	156	Resp:	104700
Ion Ratio	Lower	Upper	
156	100		
77	148.6	77.5	232.5
158	98.6	49.1	147.3

Manual Integrations
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2/7/2020 11:44:41 AM



#78

n-propylbenzene

Concen: 20.056 ug/l

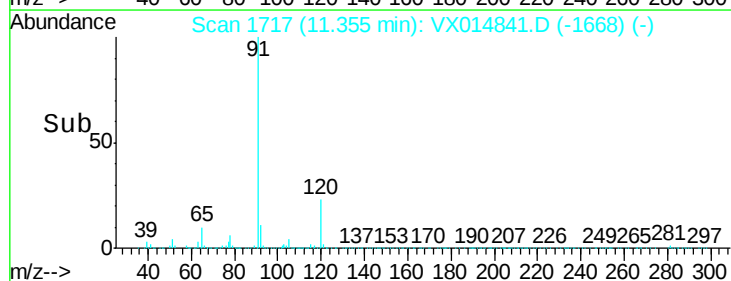
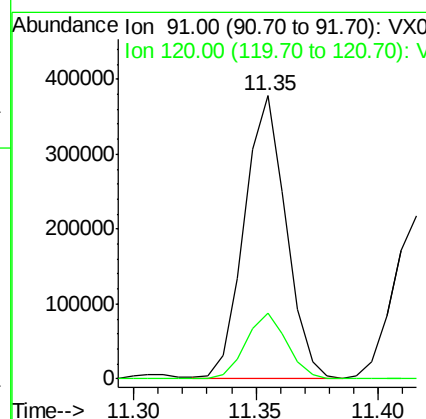
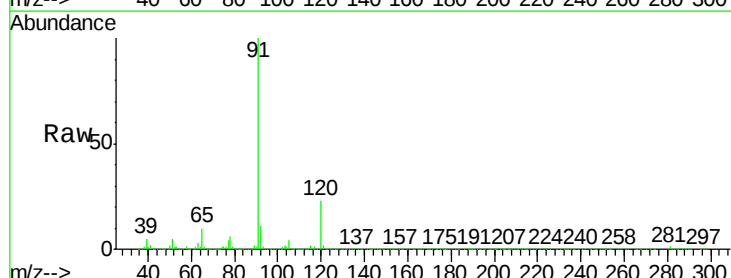
RT: 11.35 min Scan# 1717

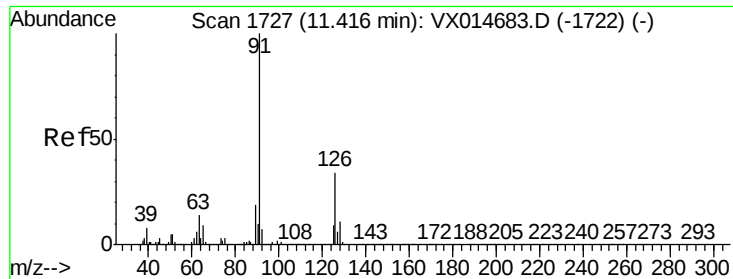
Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	91	Resp:	444690
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





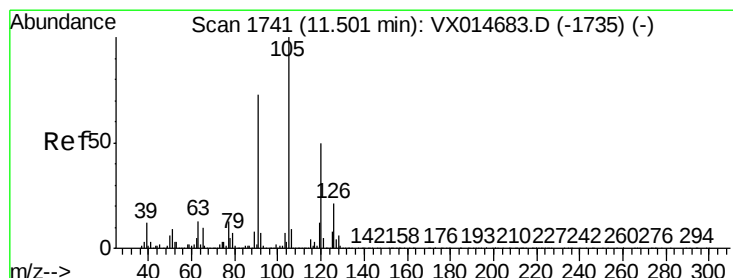
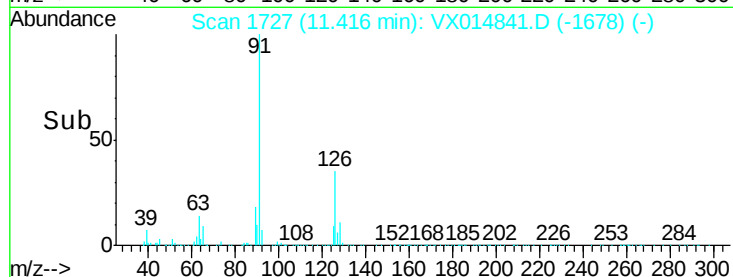
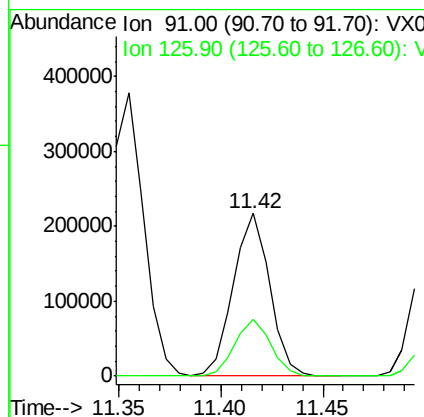
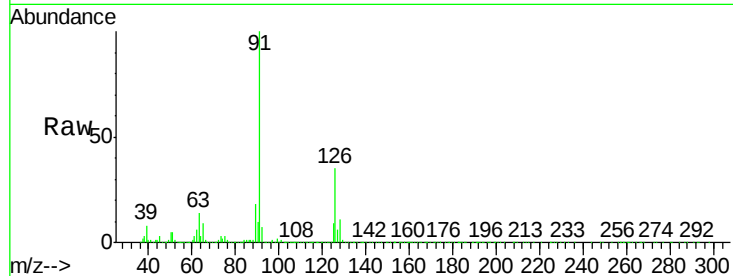
#79
2-Chlorotoluene
Concen: 19.828 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.9

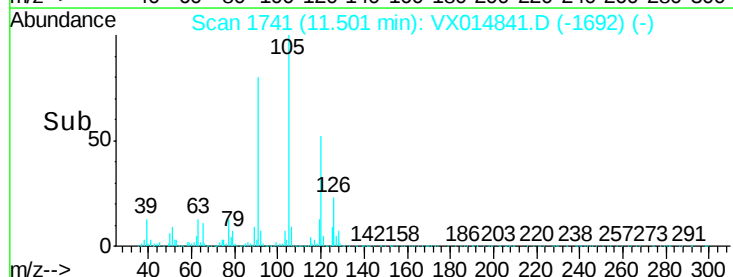
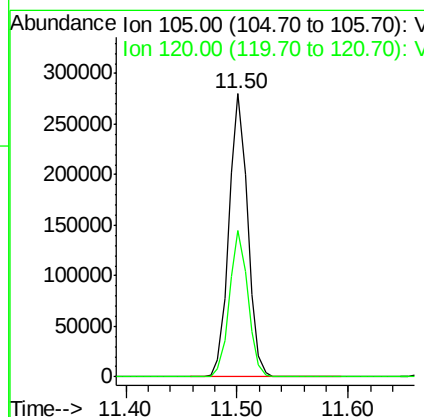
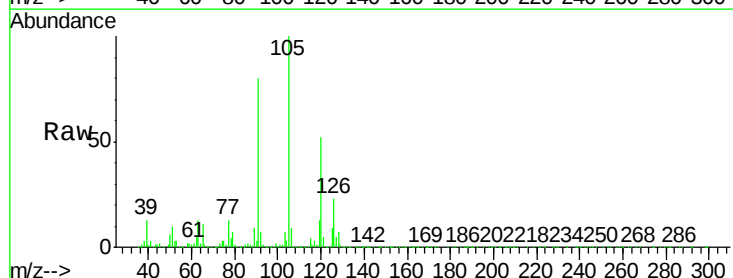
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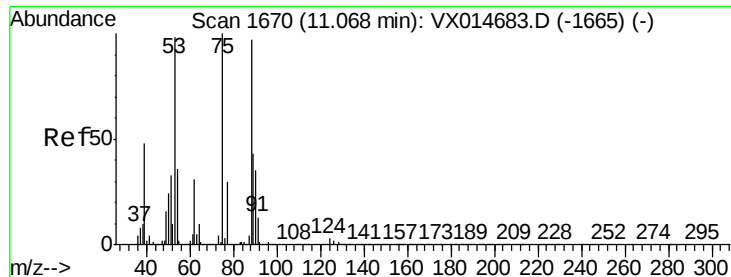
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.000 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.713 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

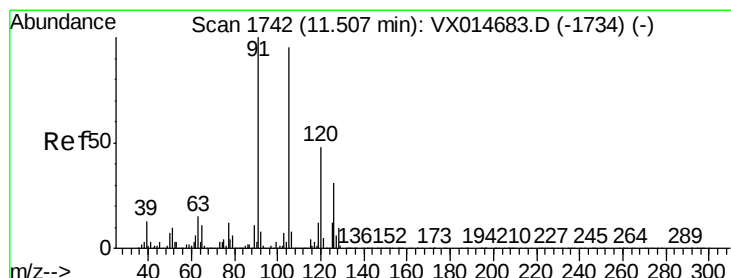
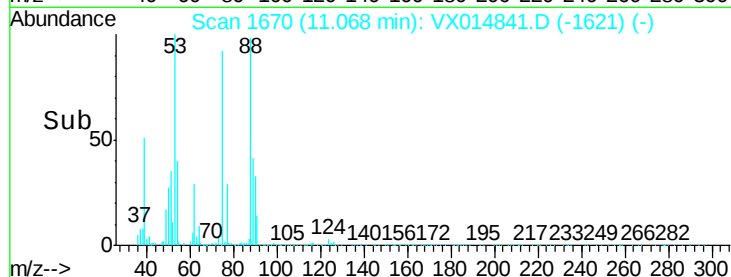
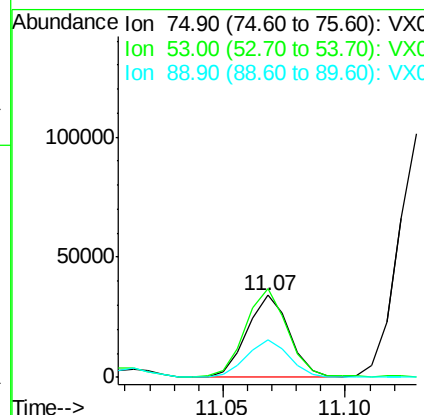
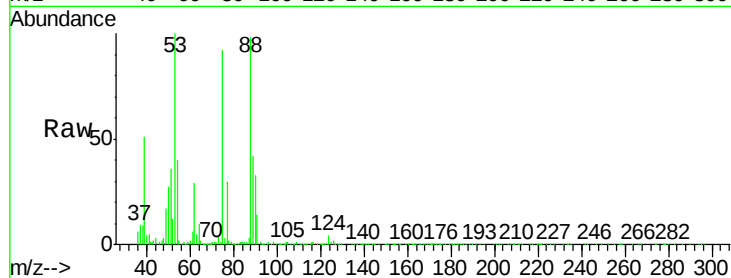
ClientSampleId :

VX0206MBS01

Tot Ion:	75	Resp:	40228
Ion Ratio	Lower	Upper	
75	100		
53	108.3	78.8	118.2
89	47.0	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.814 ug/l

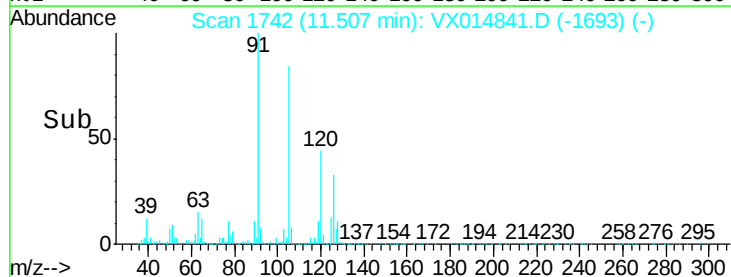
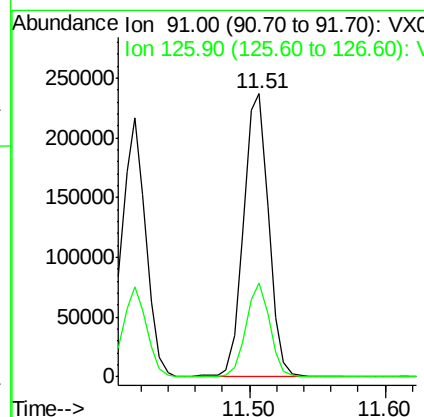
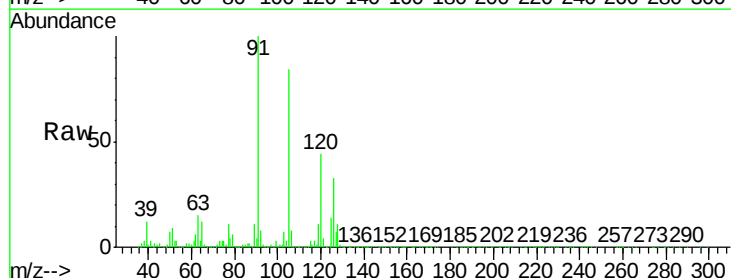
RT: 11.51 min Scan# 1742

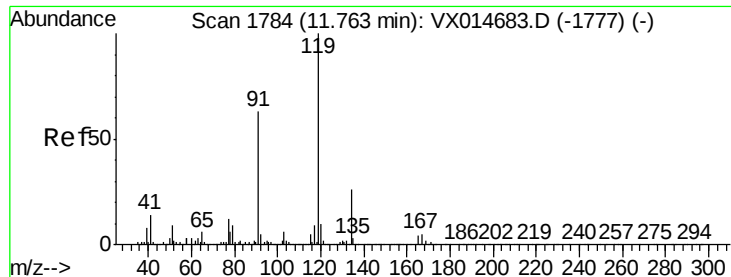
Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion:	91	Resp:	302609
Ion Ratio	Lower	Upper	
91	100		
126	31.4	15.4	46.4





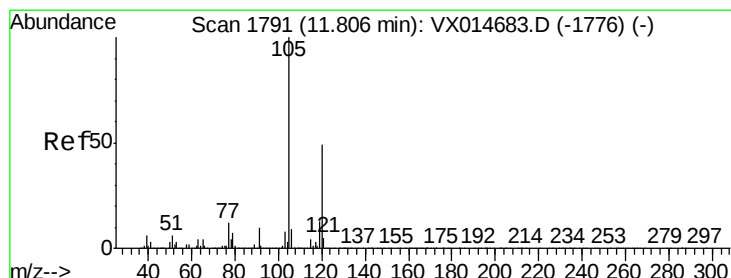
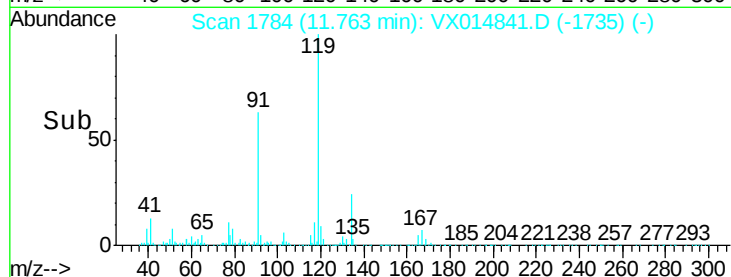
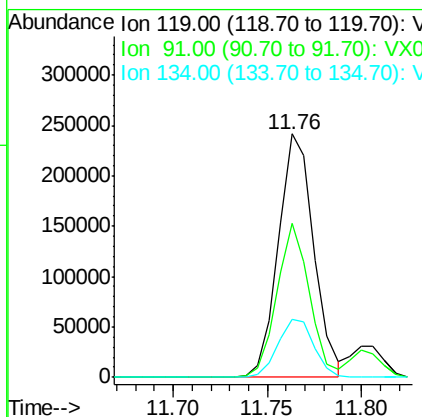
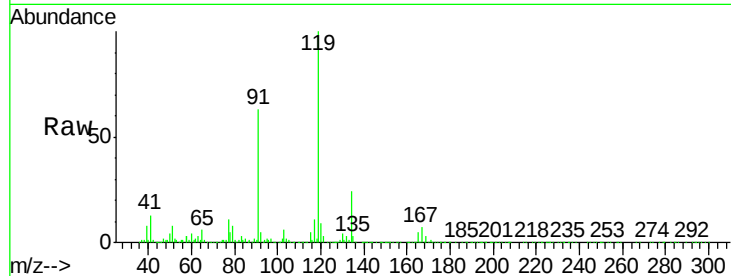
#83
tert-Butylbenzene
Concen: 20.557 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	313164		
91	58.0	30.0	90.0	
134	24.1	12.7	38.0	

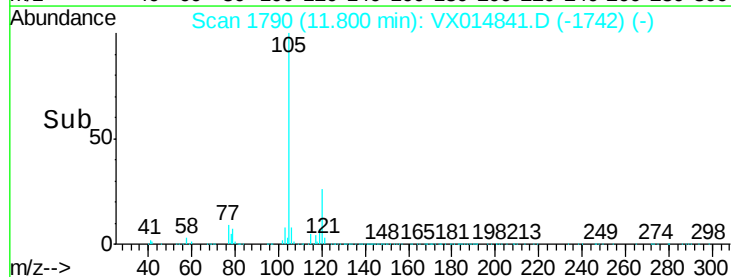
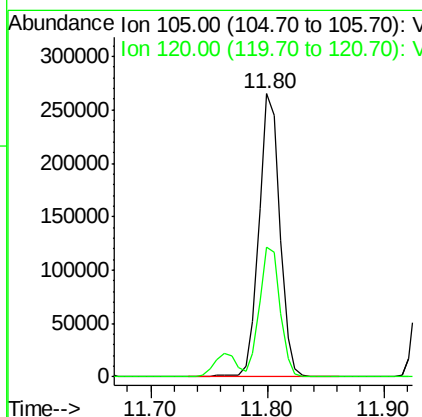
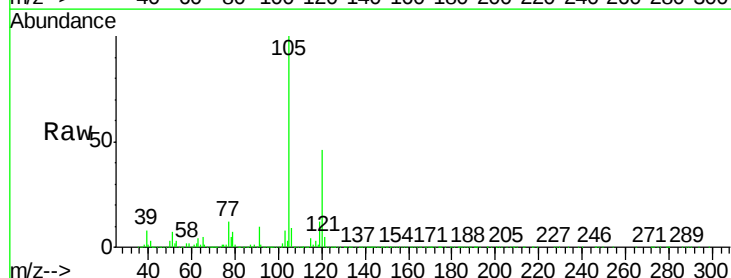
Manual Integrations
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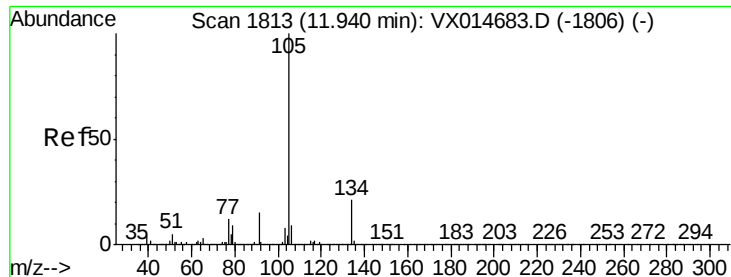
MMDadoda
2/7/2020 11:44:41 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.442 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332410		
120	45.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.342 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0206MBS01

Tot Ion:105 Resp: 379633

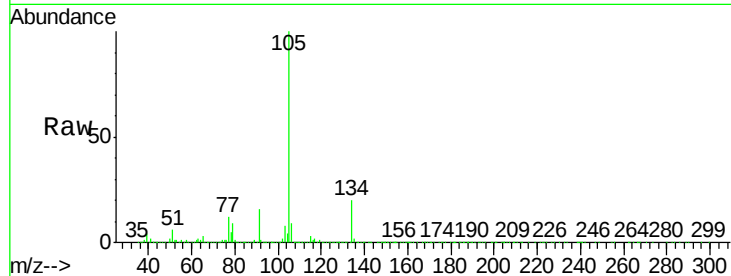
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8

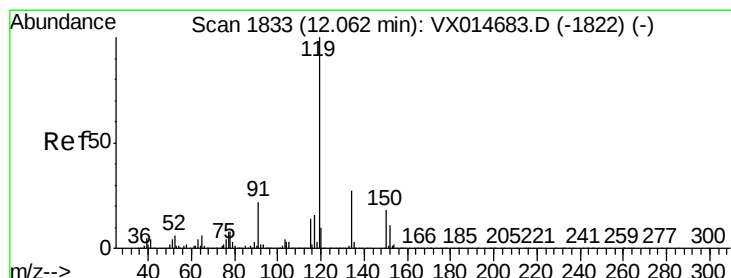
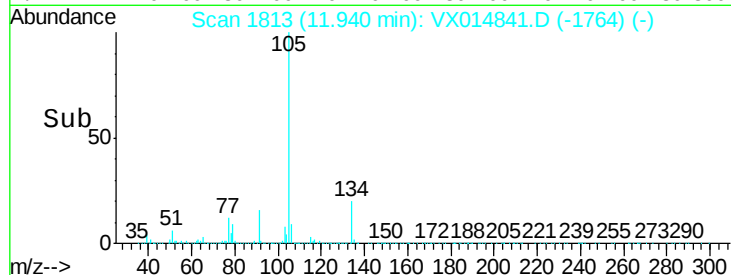
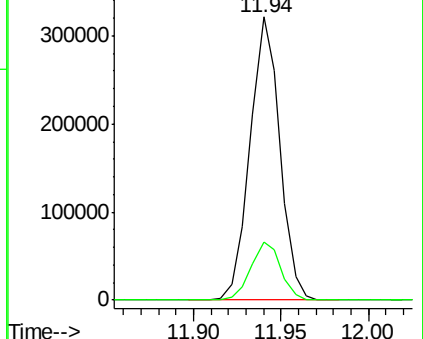
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.508 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

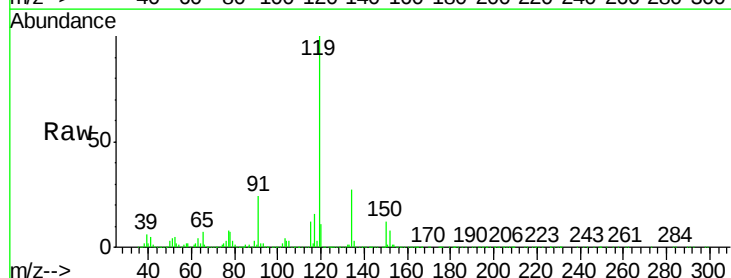
Tgt Ion:119 Resp: 353691

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

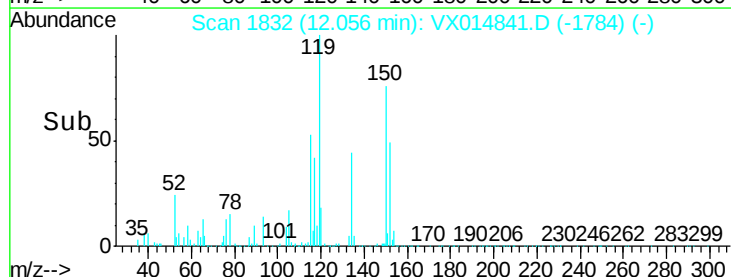
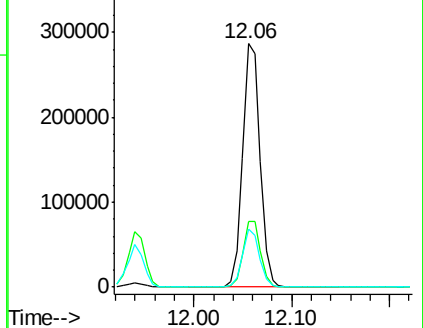
91 23.0 11.3 33.8

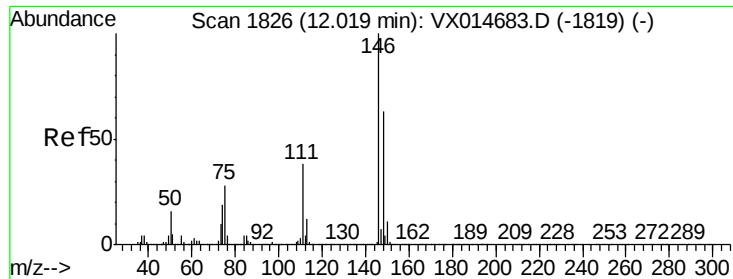


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.667 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

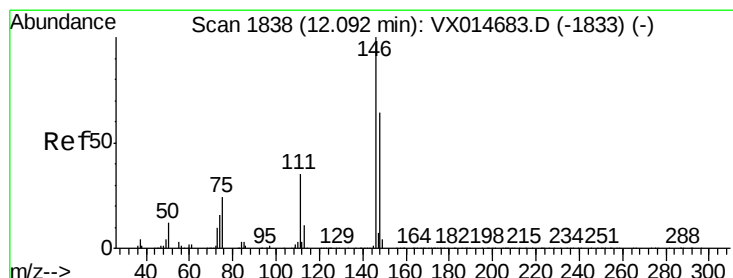
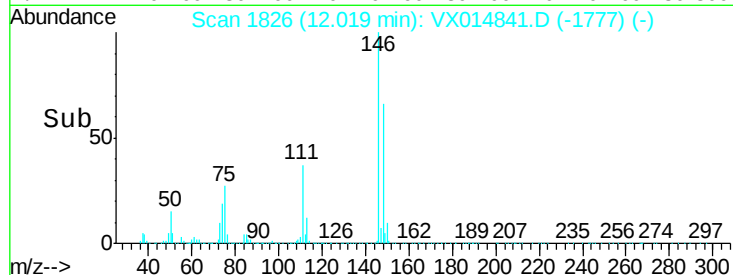
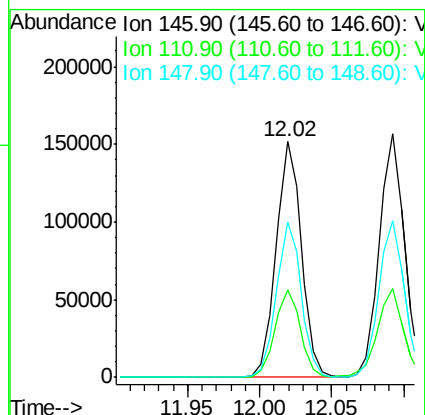
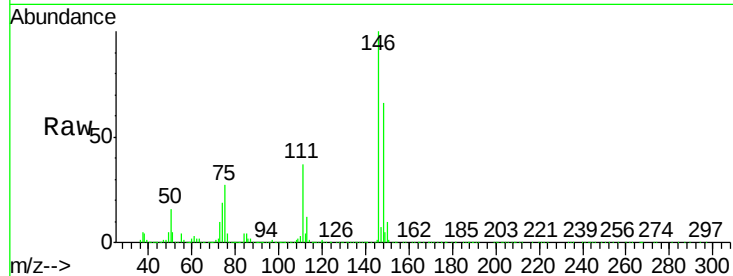
Instrument :
MSVOA_X

ClientSampled :
VX0206MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	65.0	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.728 ug/l

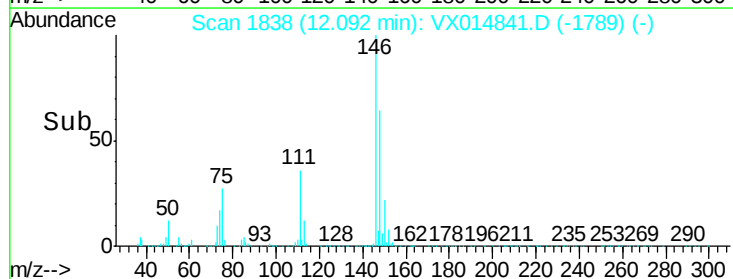
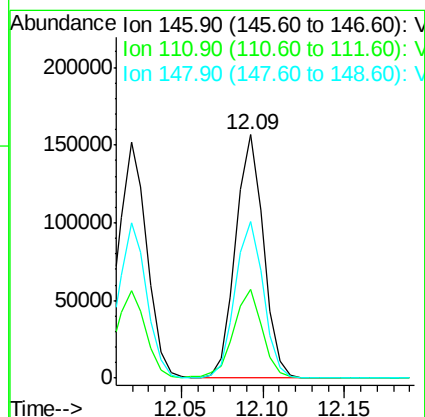
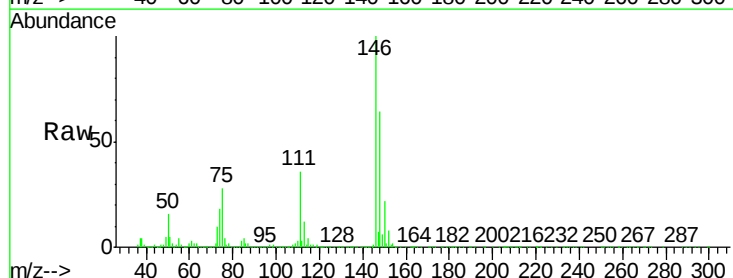
RT: 12.09 min Scan# 1838

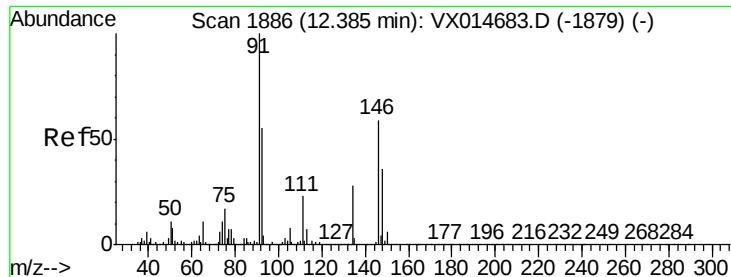
Delta R.T. 0.00 min

Lab File: VX014841.D

Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	65.6	32.0	96.2





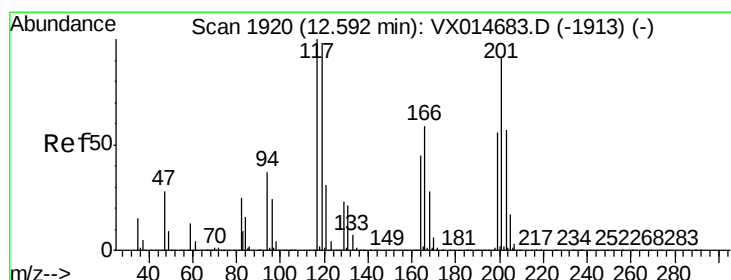
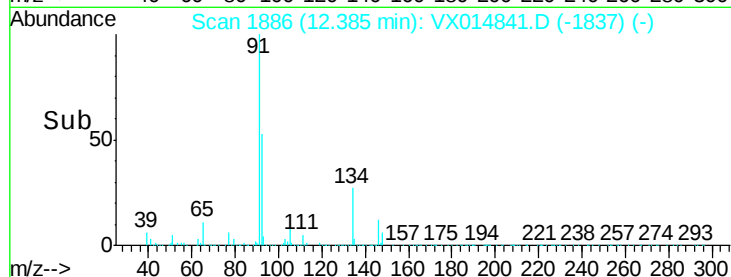
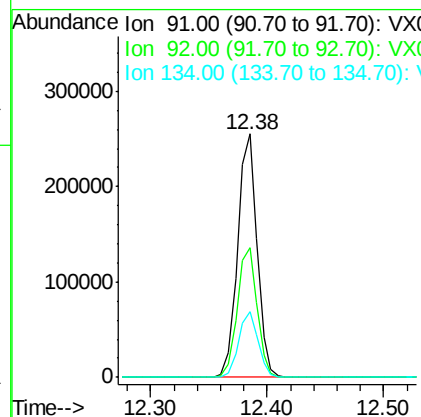
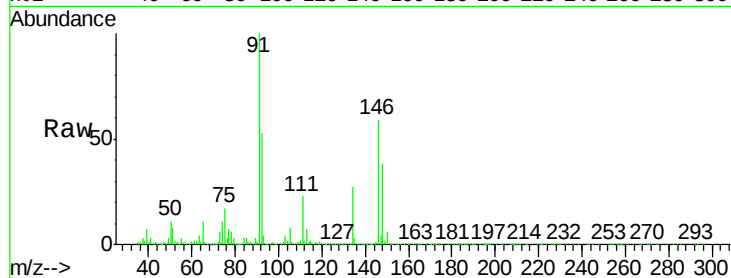
#89
n-Butylbenzene
Concen: 19.733 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	296411		
92	54.9	27.6	82.7	
134	27.2	13.3	39.8	

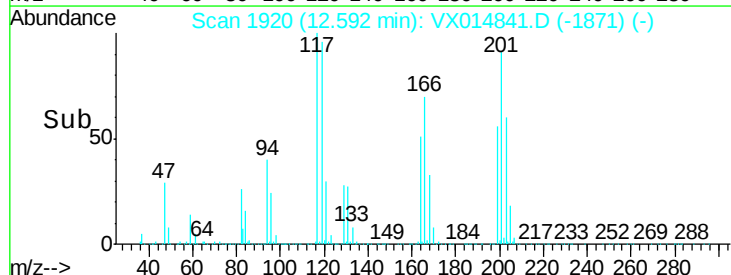
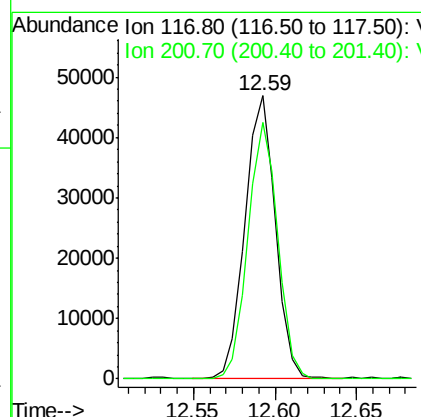
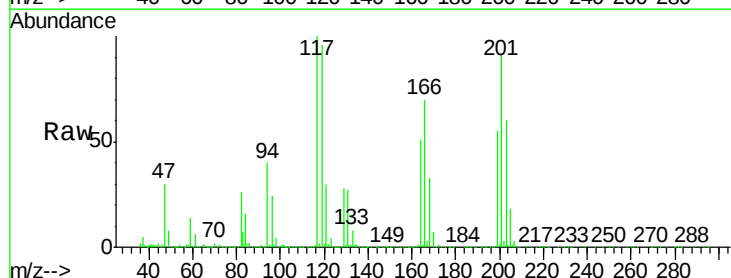
Manual Integrations
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2/7/2020 11:44:41 AM



#90
Hexachloroethane
Concen: 18.991 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60839		
201	89.2	44.4	133.1	





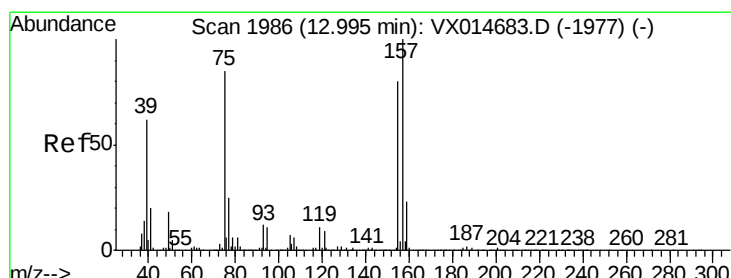
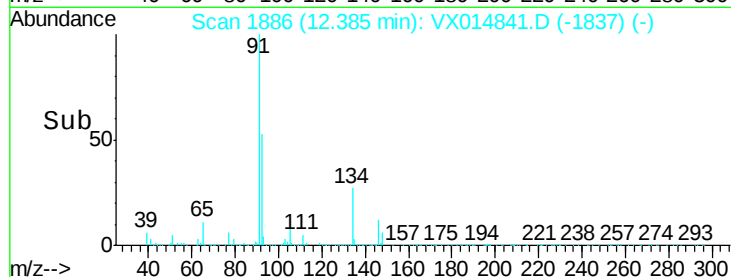
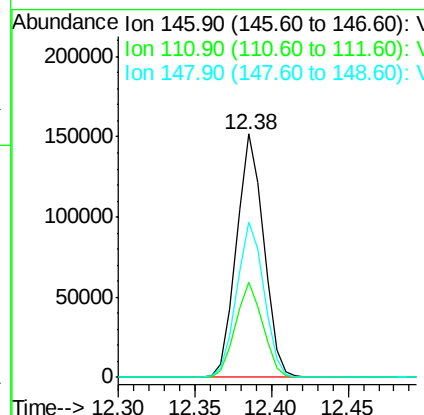
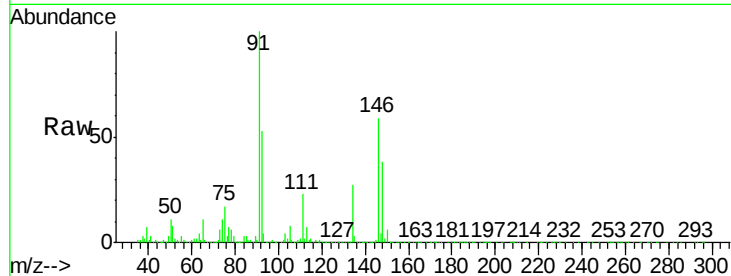
#91
 1,2-Dichlorobenzene
 Concen: 20.009 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.3	31.9	95.9

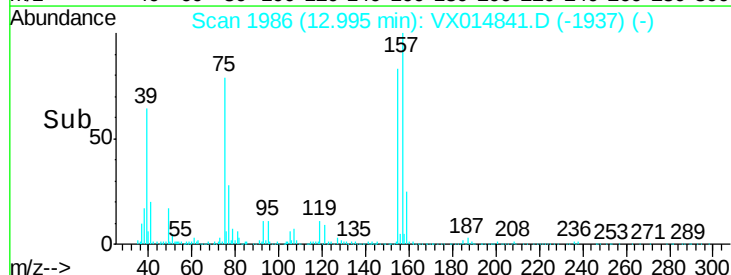
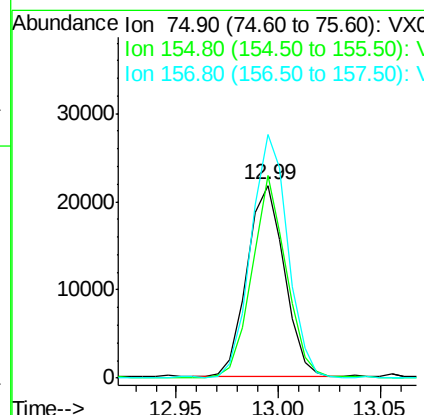
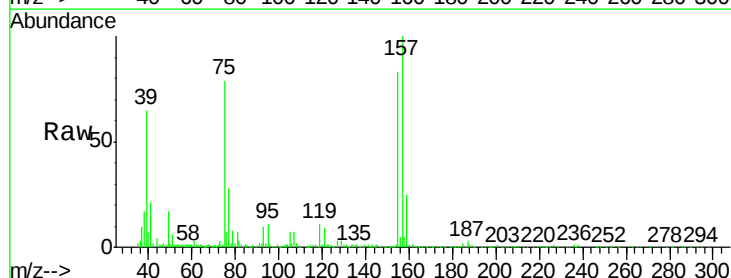
Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.518 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.6	136.9
157	124.6	60.3	180.9





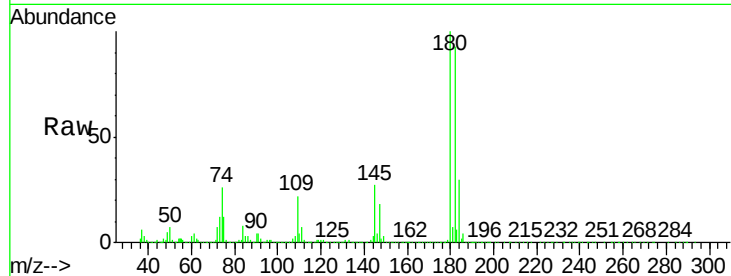
#93
 1,2,4-Trichlorobenzene
 Concen: 21.104 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0206MBS01

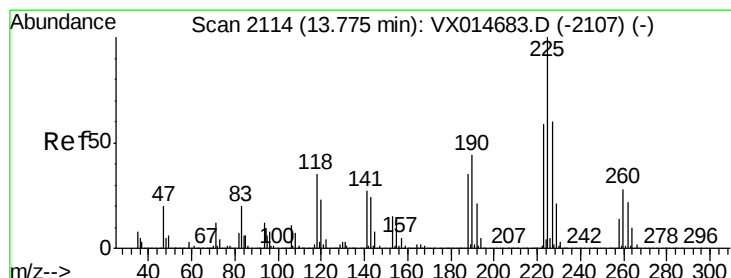
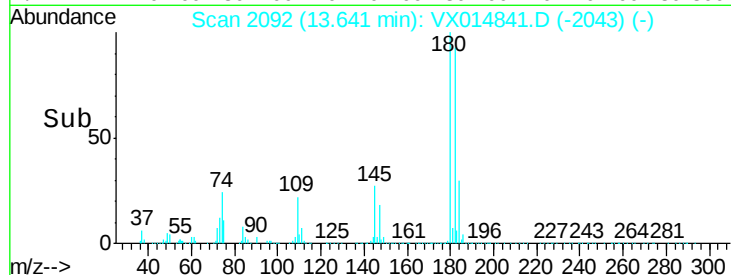
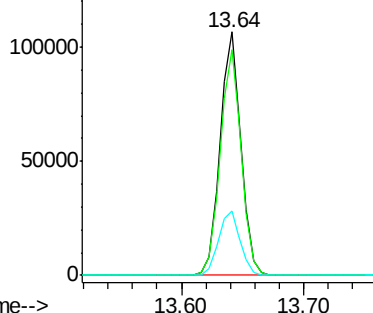
Tot Ion	Ratio	Resp	Lower	Upper
180	100	127445		
182	93.5	48.5	145.6	
145	27.2	14.0	41.9	

Manual Integrations
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MMDadoda
 2/7/2020 11:44:41 AM

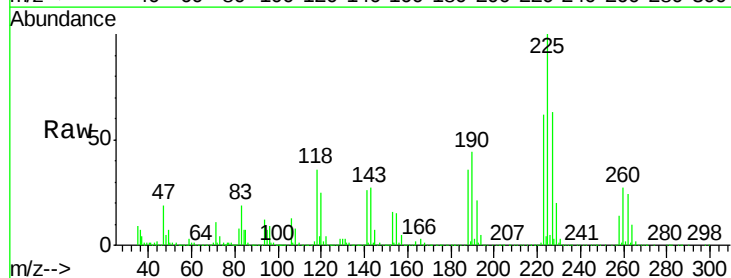


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

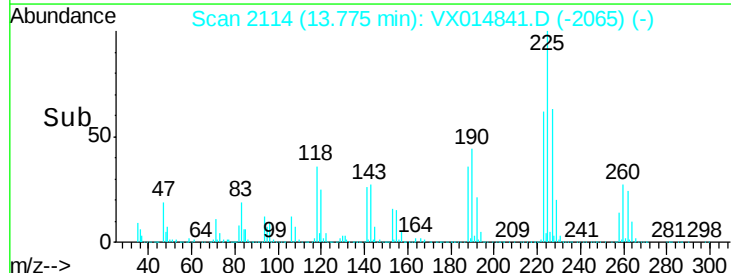
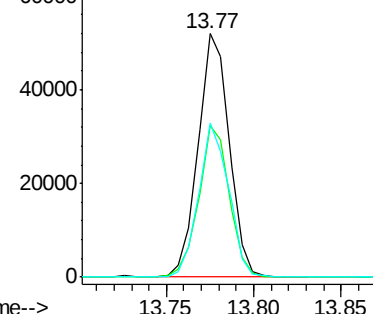


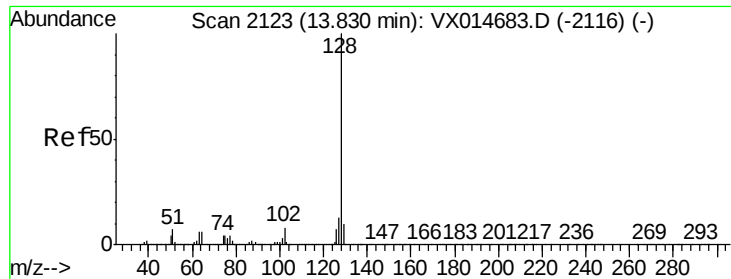
#94
 Hexachlorobutadiene
 Concen: 20.707 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014841.D
 Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64361		
223	60.9	30.6	91.8	
227	61.4	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





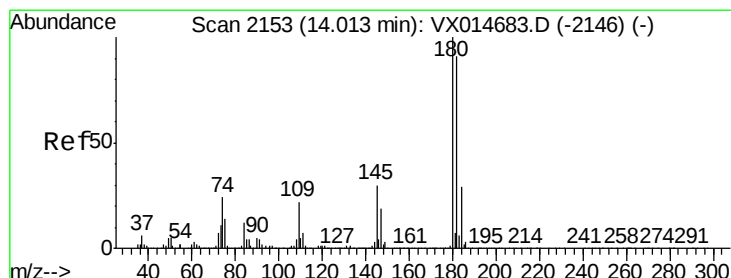
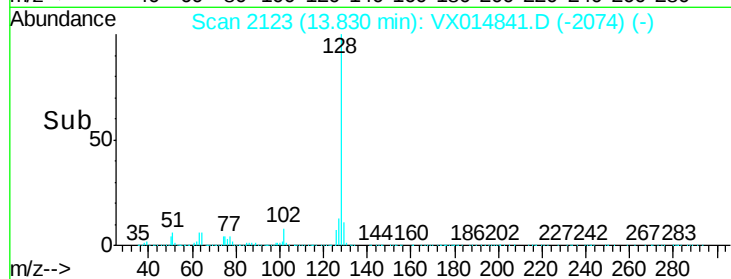
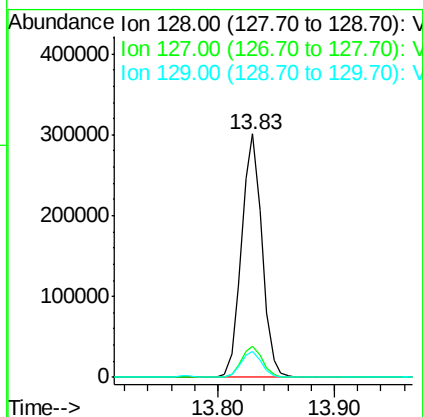
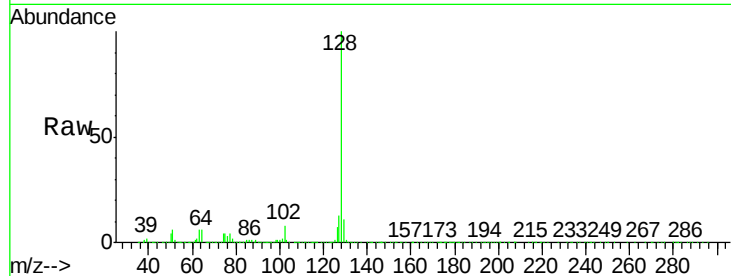
#95
Naphthalene
Concen: 19.564 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	369730		
127	13.3	10.3	15.5	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.790 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014841.D
Acq: 06 Feb 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126947		
182	97.3	46.6	139.7	
145	30.4	14.7	44.1	

